

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070920\
 Data File : VX017315.D
 Acq On : 09 Jul 2020 18:04
 Operator : JC/SP
 Sample : VX0709WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0709WBSD02

Quant Time: Jul 10 07:05:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 29 17:10:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	300582	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	449580	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	420204	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	228212	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	174652	47.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.26%	
35) Dibromofluoromethane	5.46	113	142048	49.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.90%	
50) Toluene-d8	8.70	98	507601	48.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.54%	
62) 4-Bromofluorobenzene	11.12	95	198224	48.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	45466	15.635	ug/l	98
3) Chloromethane	1.32	50	47523	13.501	ug/l	99
4) Vinyl Chloride	1.39	62	48666	14.902	ug/l	97
5) Bromomethane	1.63	94	34574	20.038	ug/l	99
6) Chloroethane	1.71	64	32121	16.653	ug/l	95
7) Trichlorofluoromethane	1.92	101	87993	18.218	ug/l	97
8) Diethyl Ether	2.17	74	30309	18.879	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.37	101	50466	17.433	ug/l	96
10) Methyl Iodide	2.50	142	45844	12.273	ug/l	100
11) Tert butyl alcohol	3.01	59	61230	86.616	ug/l	98
12) 1,1-Dichloroethene	2.36	96	49100	16.511	ug/l	99
13) Acrolein	2.28	56	26323	62.291	ug/l	98
14) Allyl chloride	2.71	41	85869	15.624	ug/l	98
15) Acrylonitrile	3.12	53	147885	87.022	ug/l	99
16) Acetone	2.42	43	123468	89.068	ug/l	98
17) Carbon Disulfide	2.55	76	125167	15.099	ug/l	100
18) Methyl Acetate	2.75	43	69281	19.145	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	173667	17.400	ug/l	100
20) Methylene Chloride	2.84	84	57468	17.568	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	55105	16.697	ug/l	98
22) Diisopropyl ether	3.83	45	176598	17.361	ug/l	93
23) Vinyl Acetate	3.79	43	754730	86.345	ug/l	98
24) 1,1-Dichloroethane	3.67	63	98979	17.101	ug/l	99
25) 2-Butanone	4.64	43	202288	87.578	ug/l	99
26) 2,2-Dichloropropane	4.56	77	89431	17.402	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	62601	16.741	ug/l	99
28) Bromochloromethane	4.98	49	49720	17.653	ug/l	# 99
29) Tetrahydrofuran	5.09	42	131794	86.358	ug/l	98
30) Chloroform	5.18	83	104340	17.586	ug/l	97
31) Cyclohexane	5.55	56	77201	15.431	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	95156	17.415	ug/l	98
36) 1,1-Dichloropropene	5.77	75	71931	16.929	ug/l	96
37) Ethyl Acetate	4.79	43	77952	18.081	ug/l	98
38) Carbon Tetrachloride	5.75	117	87995	18.802	ug/l	95

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 VX0709WBSD02

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	76829	16.251	ug/l	99
40) Benzene	6.12	78	216696	17.357	ug/l	97
41) Methacrylonitrile	5.01	41	43711	18.015	ug/l	98
42) 1,2-Dichloroethane	6.16	62	84424	18.721	ug/l	100
43) Isopropyl Acetate	6.42	43	125772	17.556	ug/l	98
44) Trichloroethene	7.19	130	64657	18.573	ug/l	100
45) 1,2-Dichloropropane	7.49	63	57484	17.927	ug/l	98
46) Dibromomethane	7.64	93	39955	18.251	ug/l	95
47) Bromodichloromethane	7.88	83	83029	18.404	ug/l	95
48) Methyl methacrylate	7.74	41	62824	18.459	ug/l	98
49) 1,4-Dioxane	7.71	88	25786	334.423	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	407855	95.508	ug/l	100
52) Toluene	8.76	92	140670	18.047	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	91403	18.363	ug/l	100
54) cis-1,3-Dichloropropene	8.41	75	96949	18.169	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	59597	18.714	ug/l	99
56) Ethyl methacrylate	9.16	69	84515	18.645	ug/l	98
57) 1,3-Dichloropropane	9.35	76	97753	18.140	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	213387	94.589	ug/l	99
59) 2-Hexanone	9.47	43	304396	97.600	ug/l	98
60) Dibromochloromethane	9.57	129	70647	19.100	ug/l	98
61) 1,2-Dibromoethane	9.65	107	62360	18.217	ug/l	99
64) Tetrachloroethene	9.32	164	64049	18.886	ug/l	99
65) Chlorobenzene	10.12	112	156506	18.046	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	62692	18.757	ug/l	99
67) Ethyl Benzene	10.24	91	261132	18.030	ug/l	99
68) m/p-Xylenes	10.34	106	201892	36.303	ug/l	96
69) o-Xylene	10.68	106	92887	17.558	ug/l	95
70) Styrene	10.70	104	165810	18.405	ug/l	99
71) Bromoform	10.84	173	53053	20.016	ug/l #	99
73) Isopropylbenzene	11.00	105	265909	17.789	ug/l	99
74) N-amyl acetate	10.88	43	107801	16.901	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	84356	17.940	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	105479	23.504	ug/l	86
77) Bromobenzene	11.24	156	73917	17.992	ug/l	95
78) n-propylbenzene	11.34	91	297788	17.617	ug/l	99
79) 2-Chlorotoluene	11.40	91	178242	17.423	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	226804	18.292	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	29495	17.020	ug/l	95
82) 4-Chlorotoluene	11.49	91	220081	17.995	ug/l	99
83) tert-Butylbenzene	11.76	119	217306	17.854	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	231454	18.400	ug/l	100
85) sec-Butylbenzene	11.93	105	249776	17.458	ug/l	100
86) p-Isopropyltoluene	12.05	119	240000	18.019	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	133265	17.860	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	136902	19.338	ug/l	99
89) n-Butylbenzene	12.37	91	202755	17.049	ug/l	99
90) Hexachloroethane	12.58	117	46348	17.646	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	127355	18.260	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	21003	18.724	ug/l	96

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Quant Title : SW846 8260
QLast Update : Mon Jun 29 17:10:38 2020
Response via : Initial Calibration

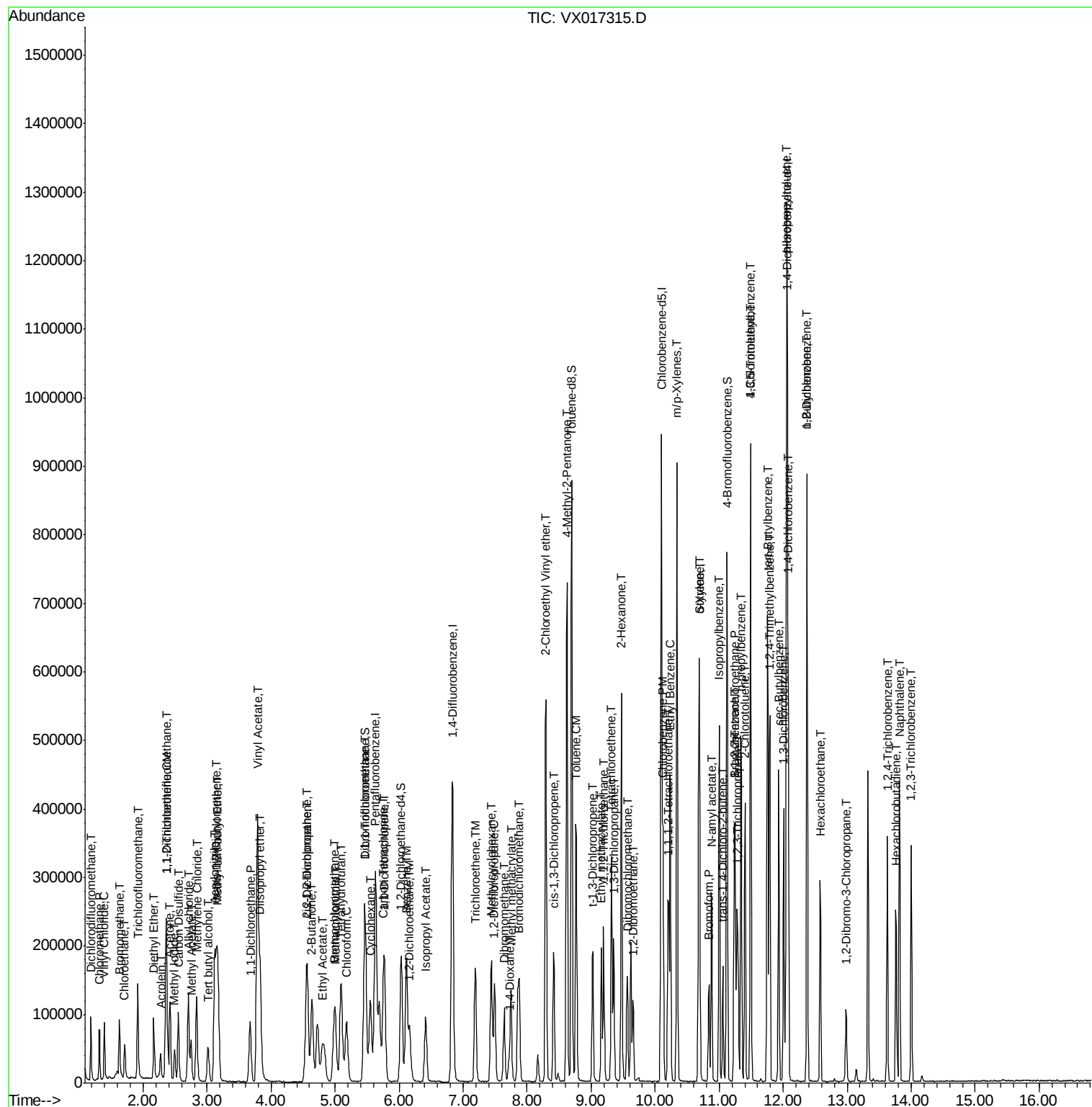
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	84894	17.833	ug/l	99
94) Hexachlorobutadiene	13.77	225	36485	20.698	ug/l	94
95) Naphthalene	13.82	128	260826	18.022	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	84736	18.393	ug/l	100

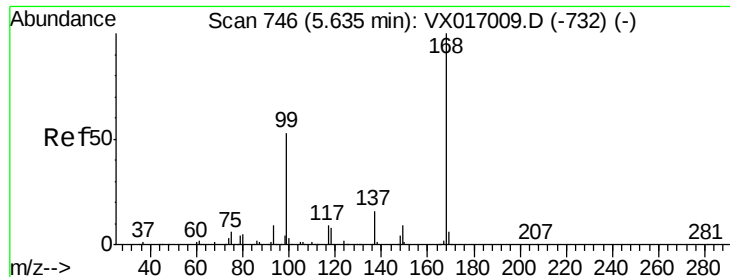
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX070920\
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Quant Title : SW846 8260
QLast Update : Mon Jun 29 17:10:38 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX017315.D

Acq: 09 Jul 2020 18:04

Instrument :

MSVOA_X

ClientSampleId :

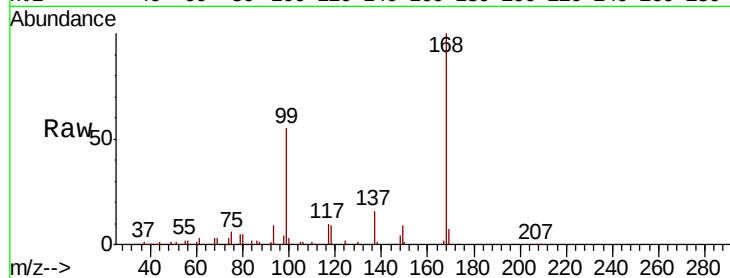
VX0709WBSD02

Tot Ion:168 Resp: 300582

Ion Ratio Lower Upper

168 100

99 55.3 42.6 64.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

120000

100000

80000

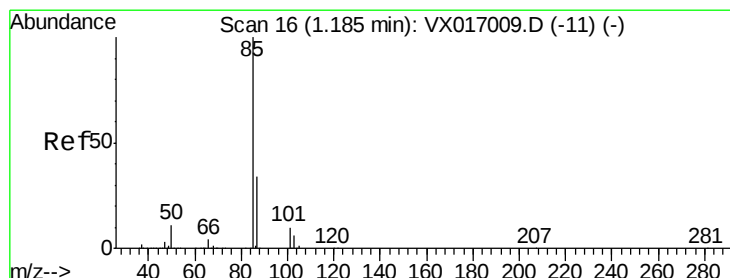
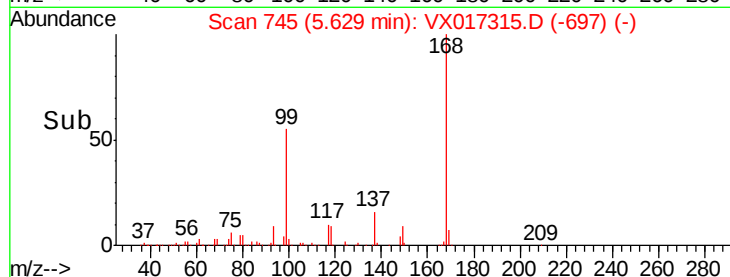
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 15.635 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX017315.D

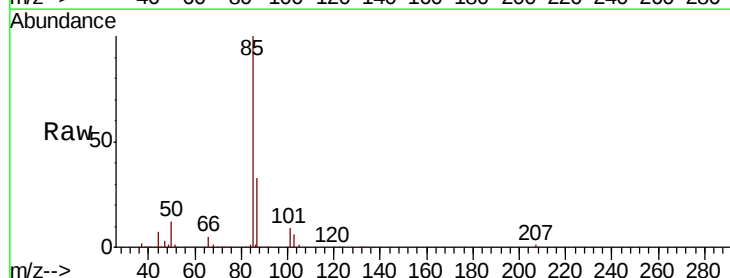
Acq: 09 Jul 2020 18:04

Tgt Ion: 85 Resp: 45466

Ion Ratio Lower Upper

85 100

87 32.7 16.8 50.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

60000

50000

40000

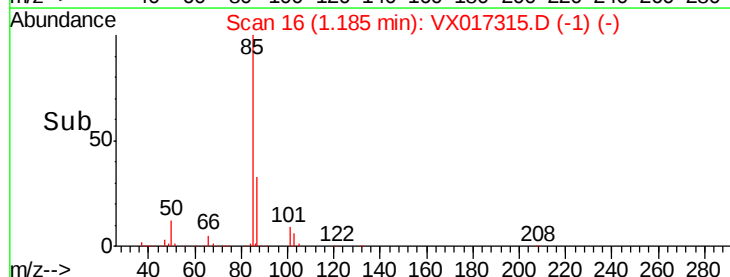
30000

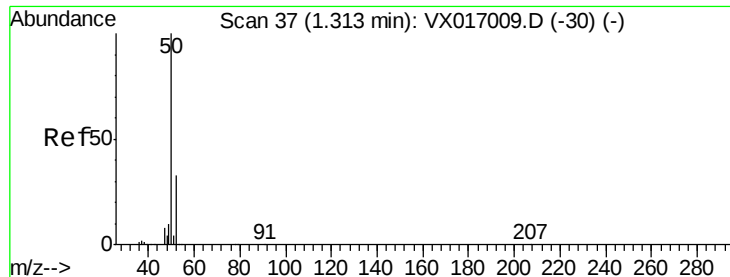
20000

10000

0

Time-->





#3

Chloromethane

Concen: 13.501 ug/l

RT: 1.32 min Scan# 38

Delta R.T. 0.01 min

Lab File: VX017315.D

Acq: 09 Jul 2020 18:04

Instrument :

MSVOA_X

ClientSampleId :

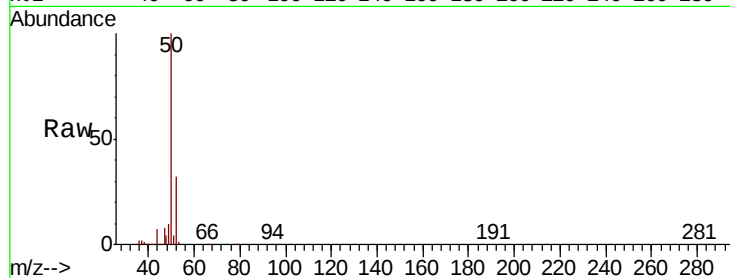
VX0709WBSD02

Tot Ion: 50 Resp: 47523

Ion Ratio Lower Upper

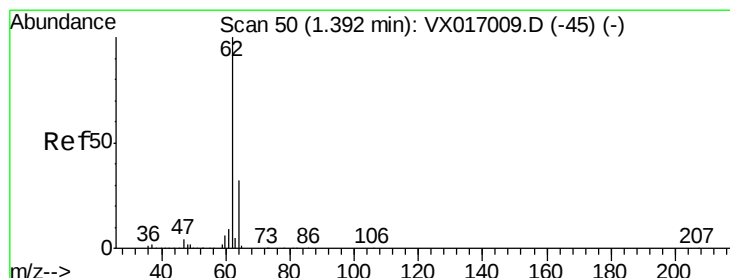
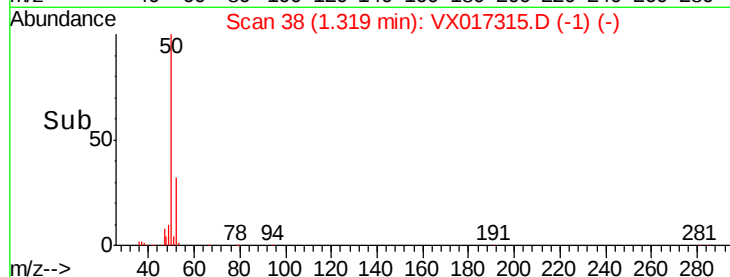
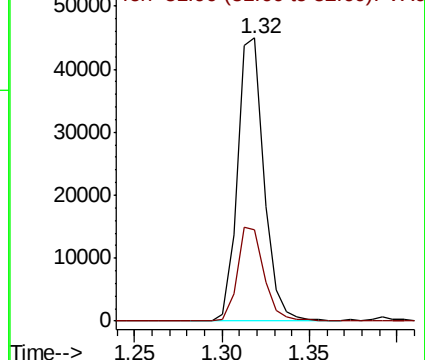
50 100

52 32.1 26.1 39.1



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 14.902 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX017315.D

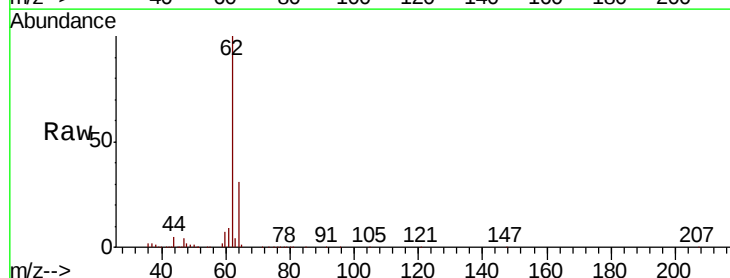
Acq: 09 Jul 2020 18:04

Tgt Ion: 62 Resp: 48666

Ion Ratio Lower Upper

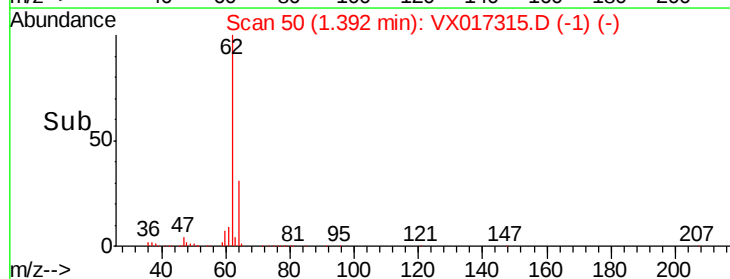
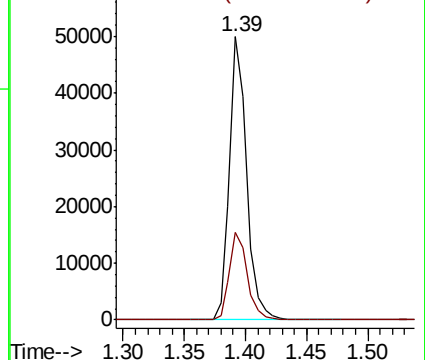
62 100

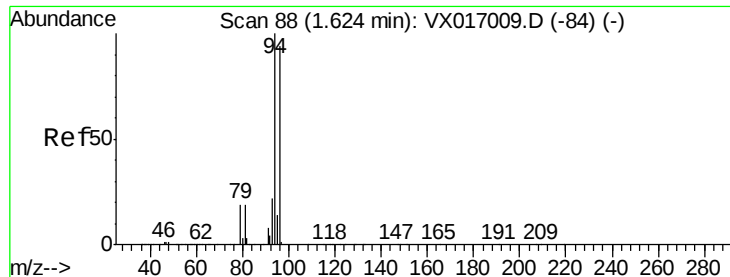
64 30.9 25.9 38.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 20.038 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX017315.D

Acq: 09 Jul 2020 18:04

Instrument :

MSVOA_X

ClientSampleId :

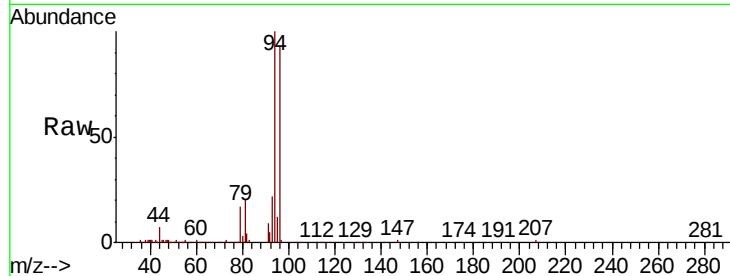
VX0709WBSD02

Tot Ion: 94 Resp: 34574

Ion Ratio Lower Upper

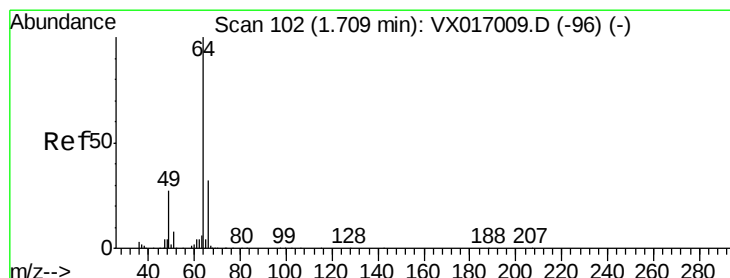
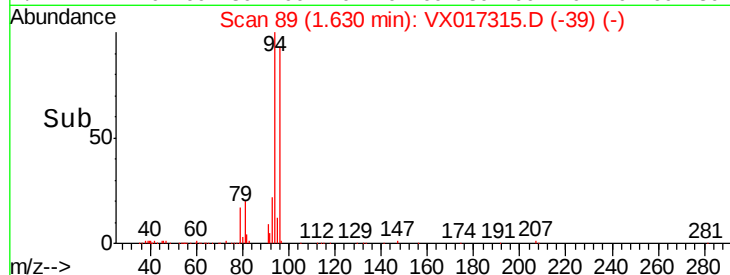
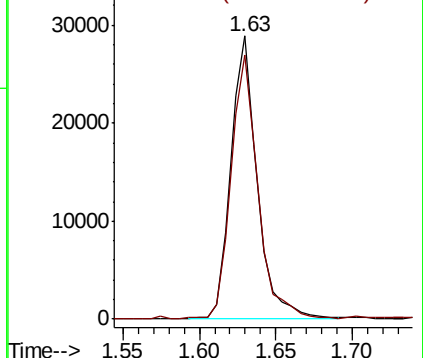
94 100

96 93.0 75.0 112.4



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 16.653 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.00 min

Lab File: VX017315.D

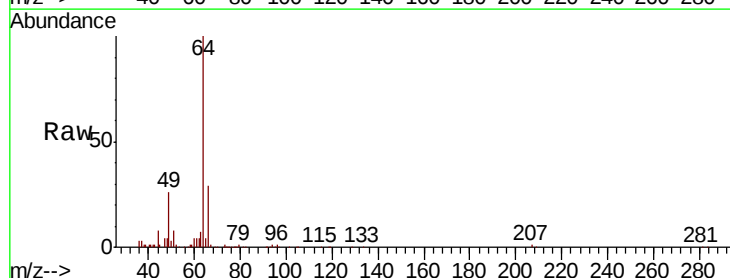
Acq: 09 Jul 2020 18:04

Tgt Ion: 64 Resp: 32121

Ion Ratio Lower Upper

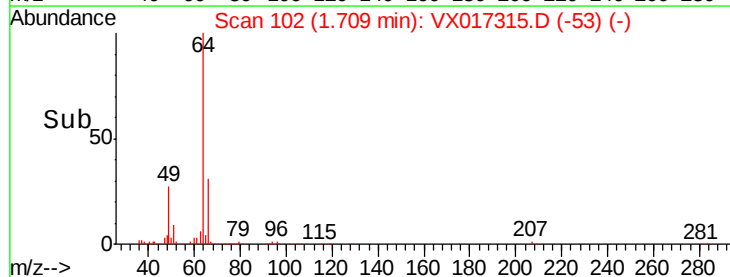
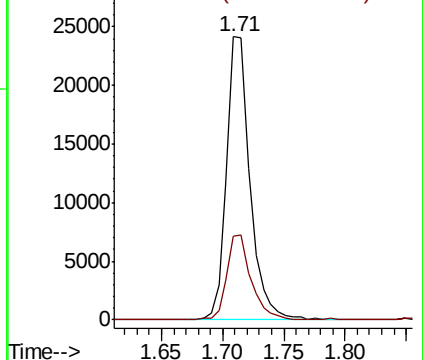
64 100

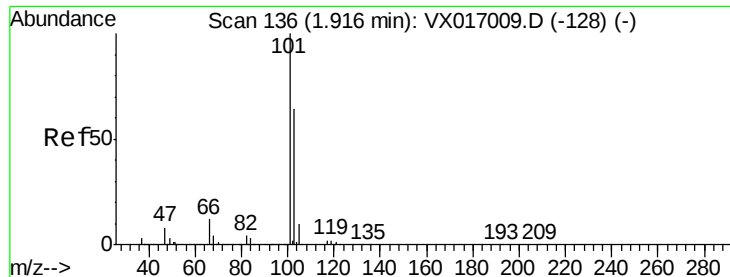
66 29.1 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



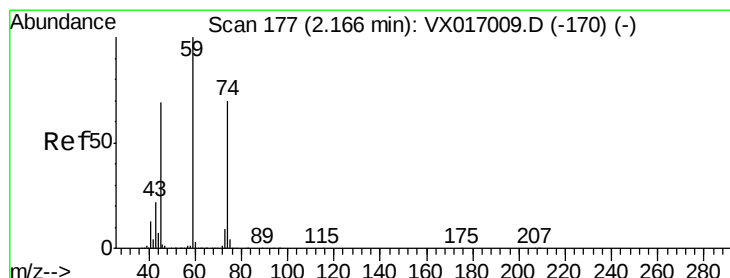
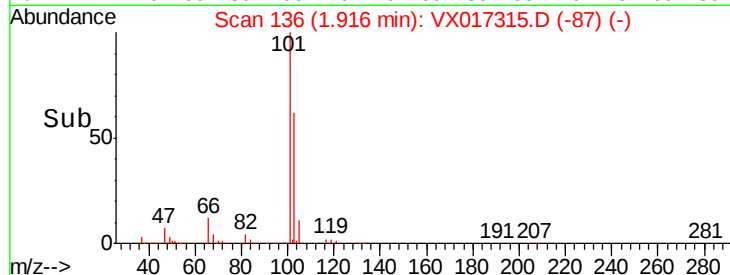
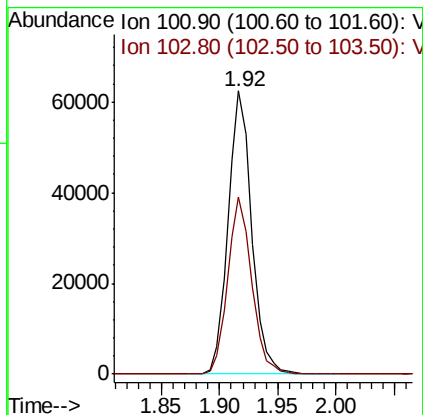
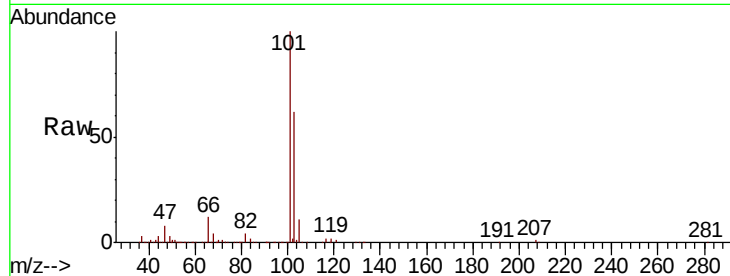


#7

Trichlorofluoromethane
 Concen: 18.218 ug/l
 RT: 1.92 min Scan# 136
 Delta R.T. -0.00 min
 Lab File: VX017315.D
 Acq: 09 Jul 2020 18:04

Instrument :
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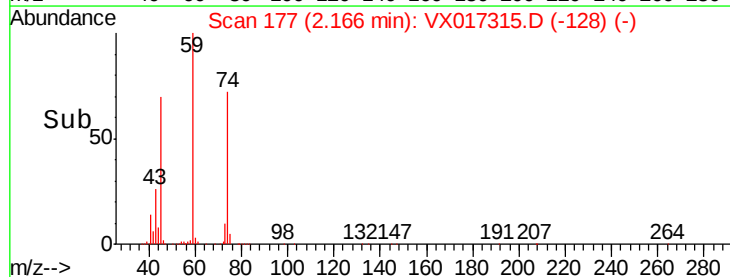
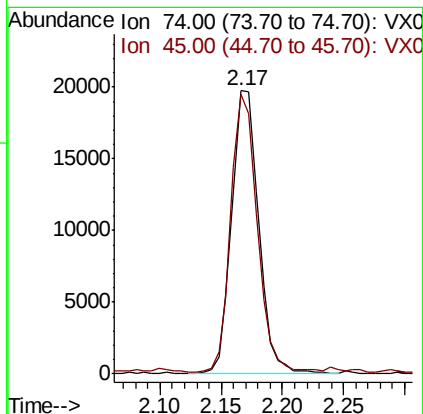
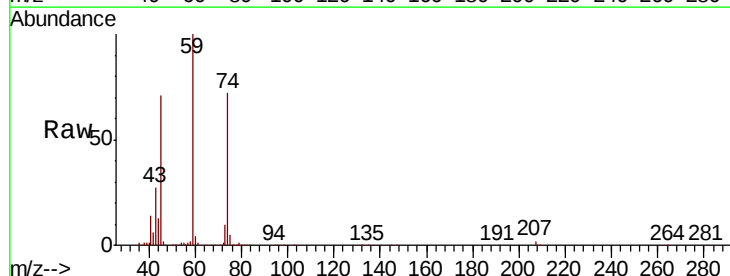
Tot Ion:101 Resp: 87993
 Ion Ratio Lower Upper
 101 100
 103 62.4 51.5 77.3

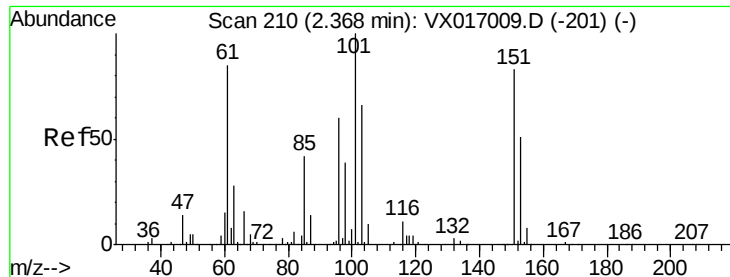


#8

Diethyl Ether
 Concen: 18.879 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. 0.00 min
 Lab File: VX017315.D
 Acq: 09 Jul 2020 18:04

Tgt Ion: 74 Resp: 30309
 Ion Ratio Lower Upper
 74 100
 45 94.6 49.8 149.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.433 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX017315.D

Acq: 09 Jul 2020 18:04

Instrument :

MSVOA_X

ClientSampleId :

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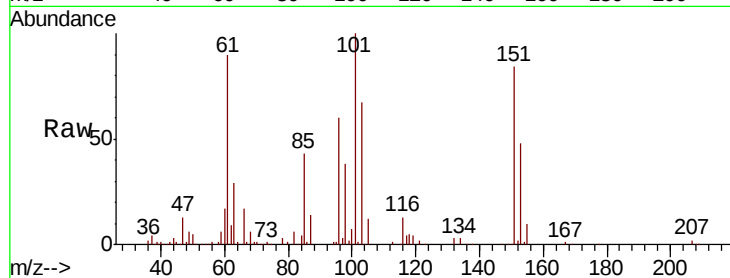
Tot Ion:101 Resp: 50466

Ion Ratio Lower Upper

101 100

85 44.2 33.5 50.3

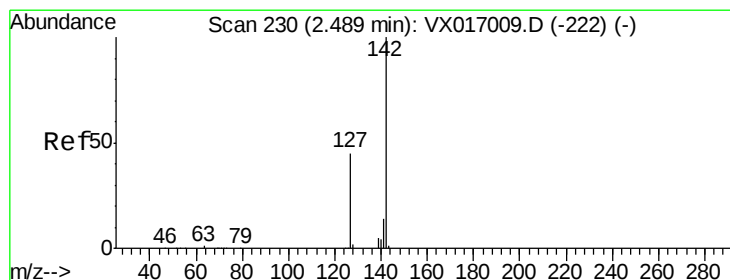
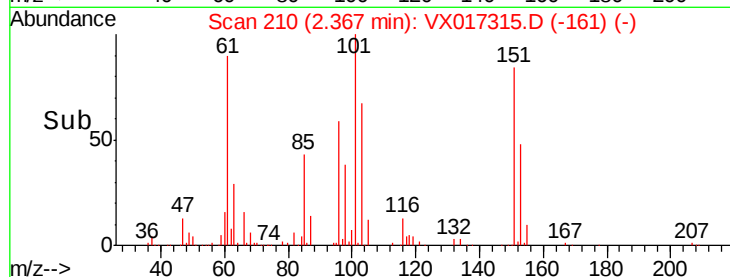
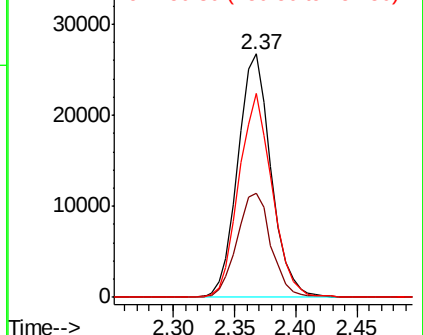
151 83.8 63.8 95.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 12.273 ug/l

RT: 2.50 min Scan# 231

Delta R.T. 0.01 min

Lab File: VX017315.D

Acq: 09 Jul 2020 18:04

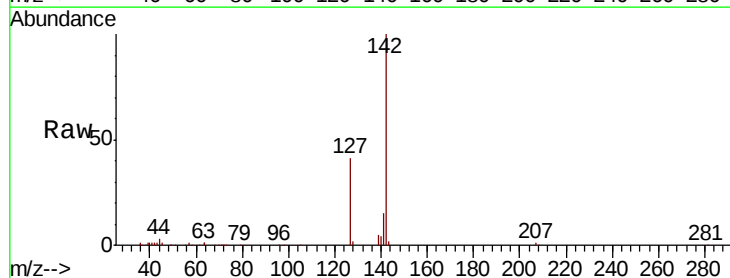
Tgt Ion:142 Resp: 45844

Ion Ratio Lower Upper

142 100

127 45.6 36.6 54.8

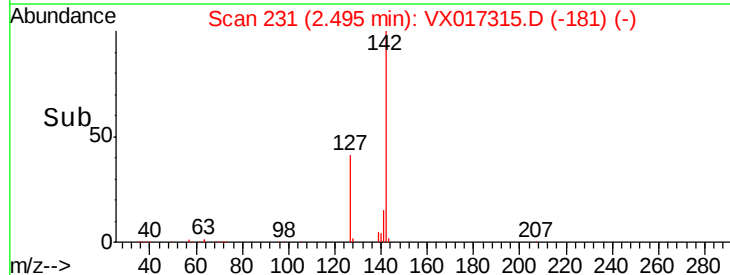
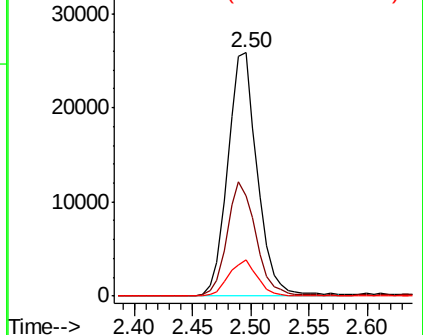
141 14.1 11.6 17.4

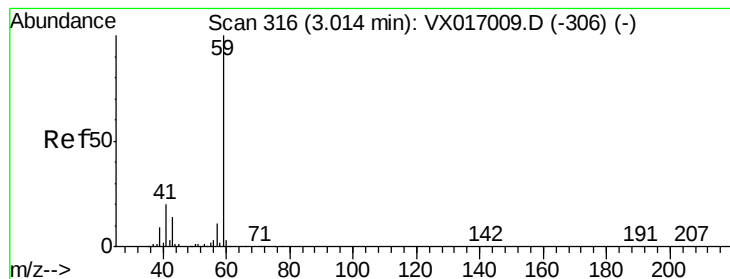


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



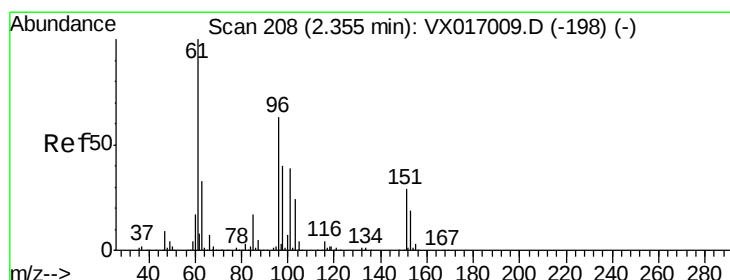
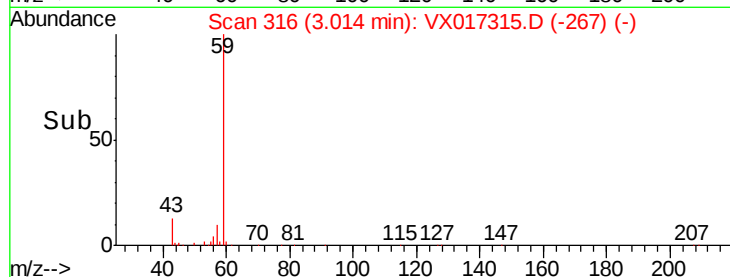
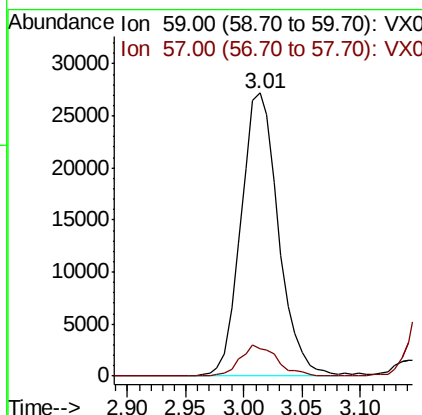
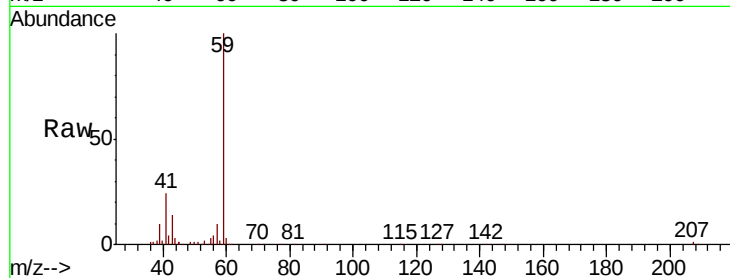


#11

Tert butyl alcohol
 Concen: 86.616 ug/l
 RT: 3.01 min Scan# 316
 Delta R.T. -0.00 min
 Lab File: VX017315.D
 Acq: 09 Jul 2020 18:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0709WBSD02

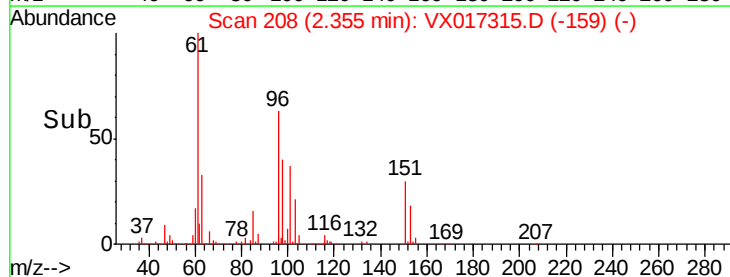
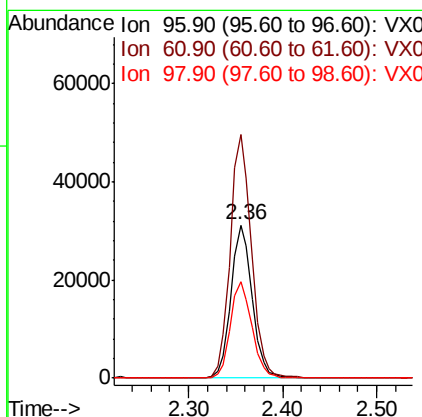
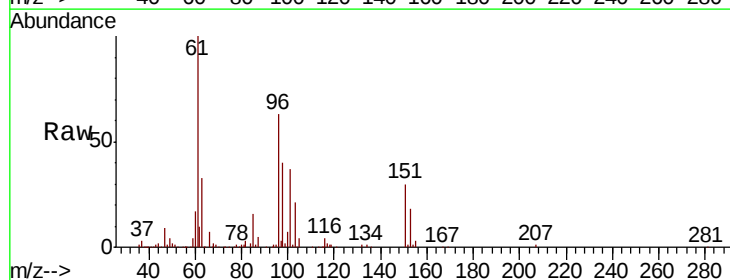
Tot Ion: 59 Resp: 61230
 Ion Ratio Lower Upper
 59 100
 57 11.1 8.2 12.2

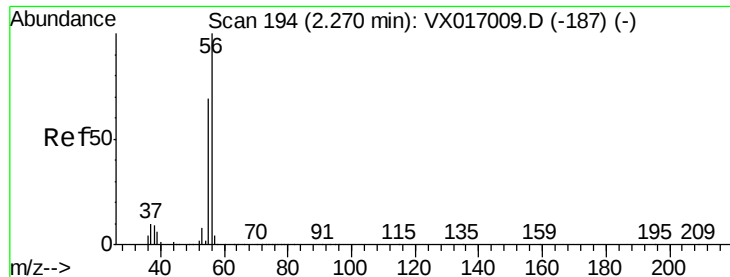


#12

1,1-Dichloroethene
 Concen: 16.511 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX017315.D
 Acq: 09 Jul 2020 18:04

Tgt Ion: 96 Resp: 49100
 Ion Ratio Lower Upper
 96 100
 61 159.3 126.3 189.5
 98 63.3 51.0 76.6





#13

Acrolein

Concen: 62.291 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.01 min

Lab File: VX017315.D

Acq: 09 Jul 2020 18:04

Instrument :

MSVOA_X

ClientSampleId :

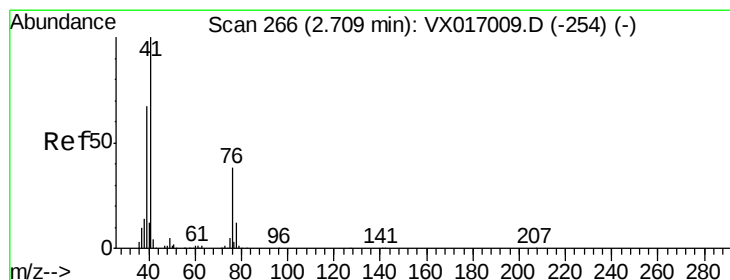
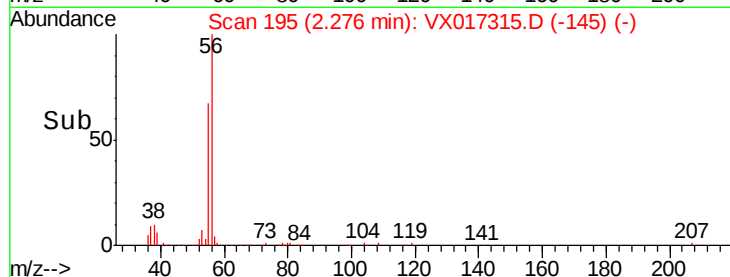
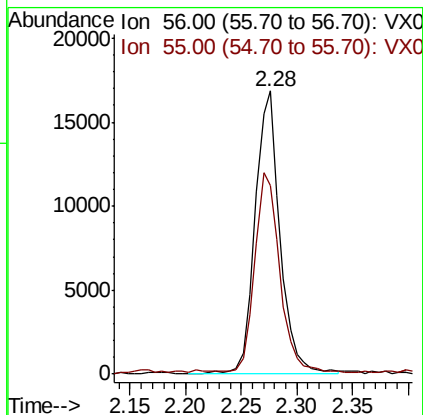
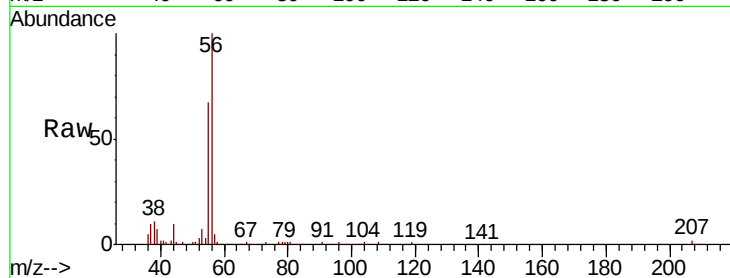
VX0709WBSD02

Tot Ion: 56 Resp: 26323

Ion Ratio Lower Upper

56 100

55 71.3 55.7 83.5



#14

Allyl chloride

Concen: 15.624 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX017315.D

Acq: 09 Jul 2020 18:04

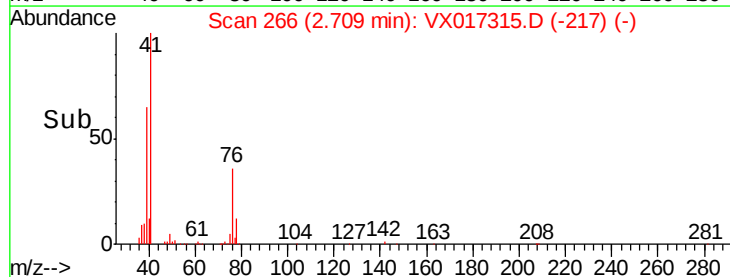
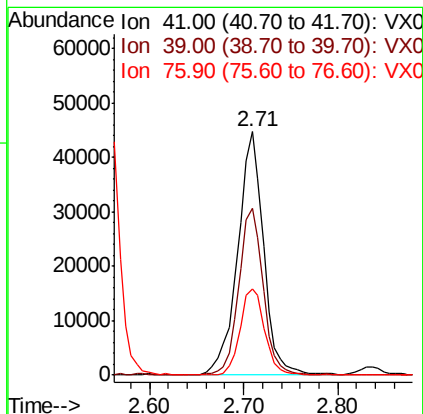
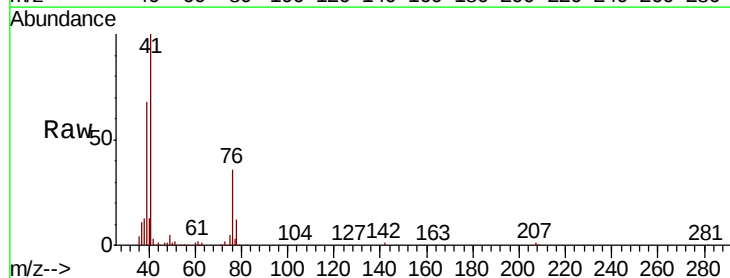
Tgt Ion: 41 Resp: 85869

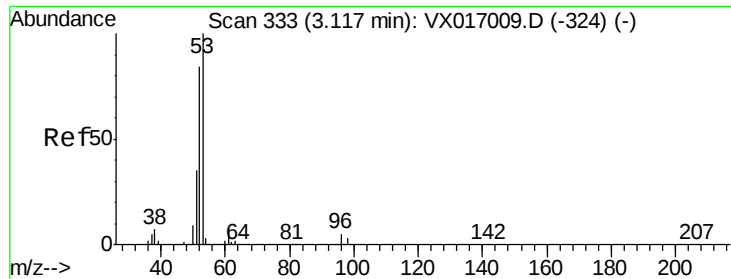
Ion Ratio Lower Upper

41 100

39 64.2 49.4 74.2

76 33.7 26.8 40.2





#15

Acrylonitrile

Concen: 87.022 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX017315.D

Acq: 09 Jul 2020 18:04

Instrument :

MSVOA_X

ClientSampleId :

VX0709WBSD02

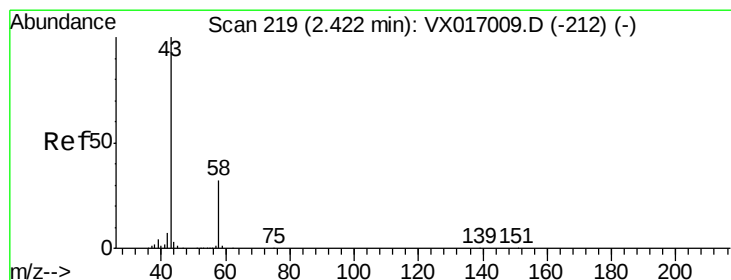
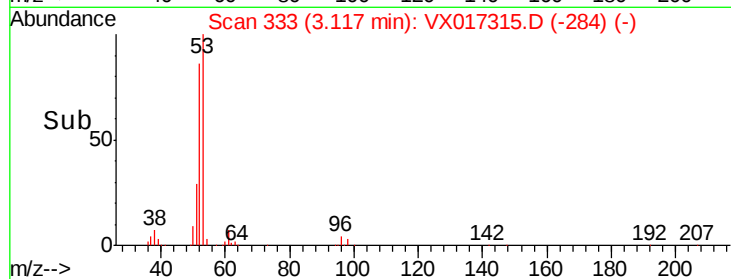
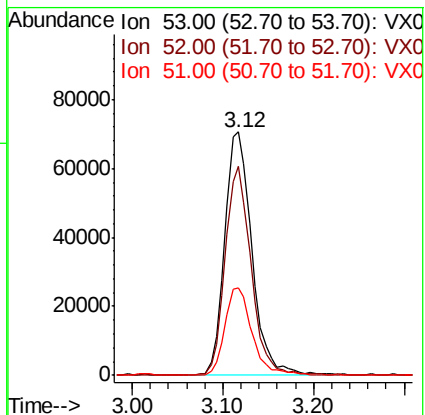
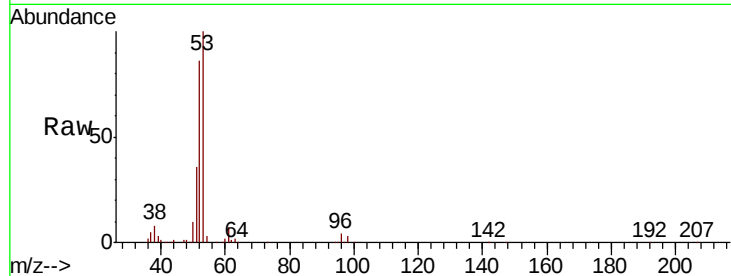
Tot Ion: 53 Resp: 147885

Ion Ratio Lower Upper

53 100

52 81.6 65.6 98.4

51 36.1 28.3 42.5



#16

Acetone

Concen: 89.068 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX017315.D

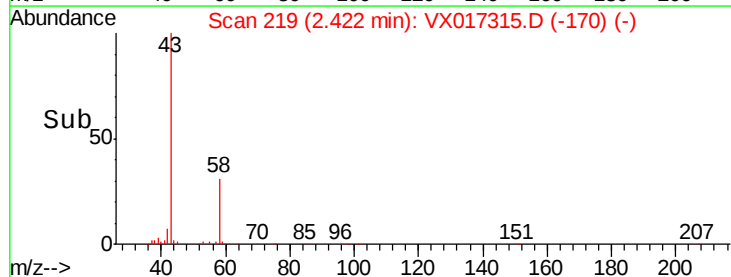
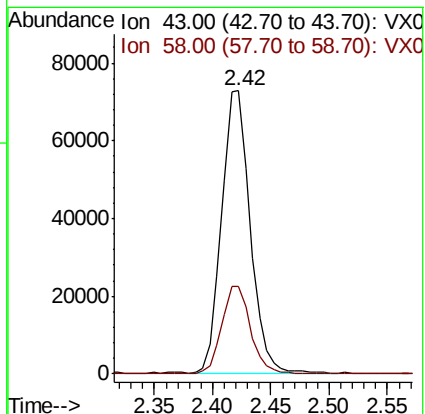
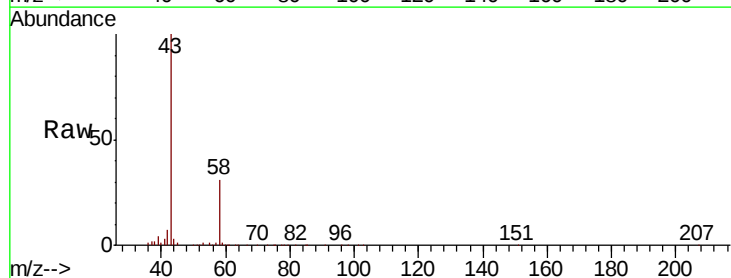
Acq: 09 Jul 2020 18:04

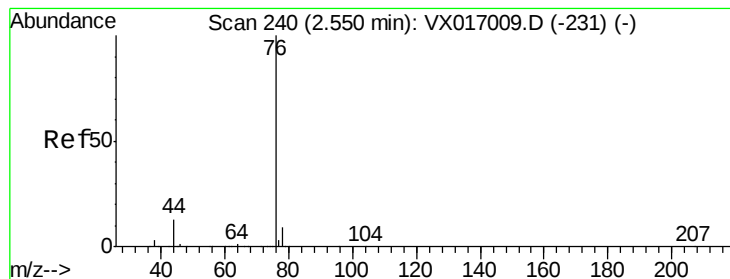
Tgt Ion: 43 Resp: 123468

Ion Ratio Lower Upper

43 100

58 30.9 25.7 38.5





#17

Carbon Disulfide

Concen: 15.099 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX017315.D

Acq: 09 Jul 2020 18:04

Instrument :

MSVOA_X

ClientSampleId :

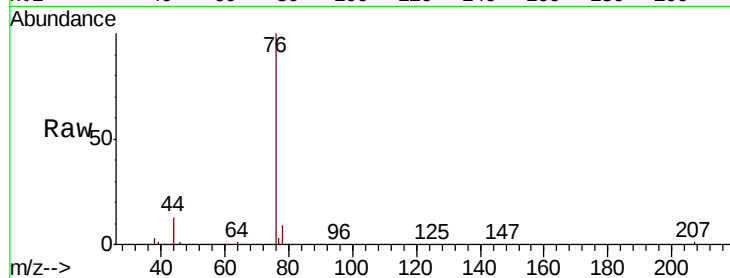
VX0709WBSD02

Tot Ion: 76 Resp: 125167

Ion Ratio Lower Upper

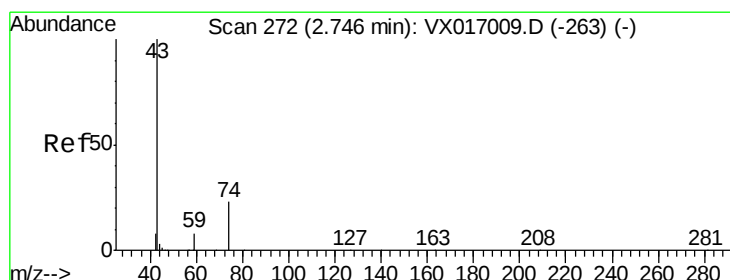
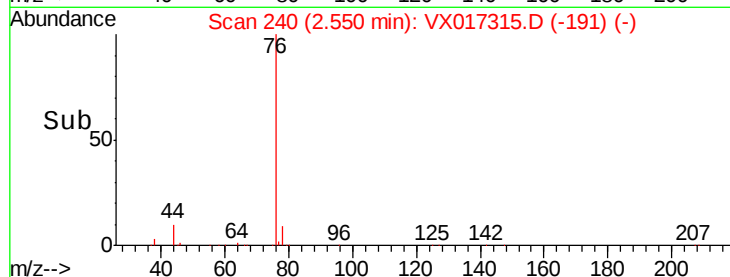
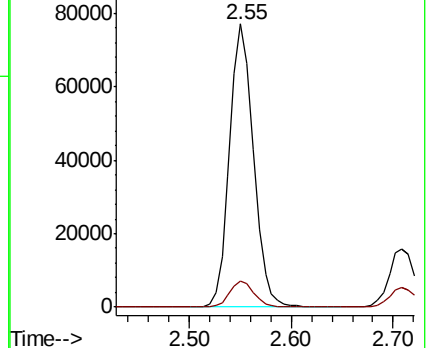
76 100

78 9.0 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 19.145 ug/l

RT: 2.75 min Scan# 273

Delta R.T. 0.01 min

Lab File: VX017315.D

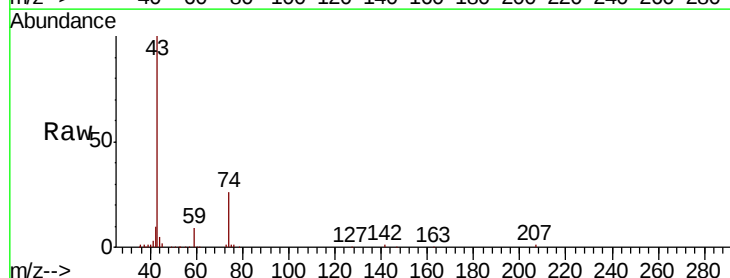
Acq: 09 Jul 2020 18:04

Tgt Ion: 43 Resp: 69281

Ion Ratio Lower Upper

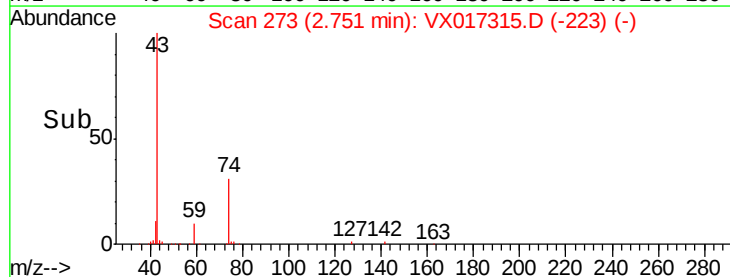
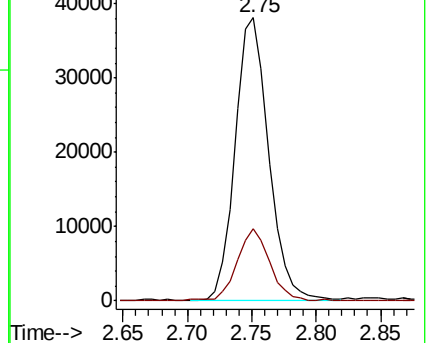
43 100

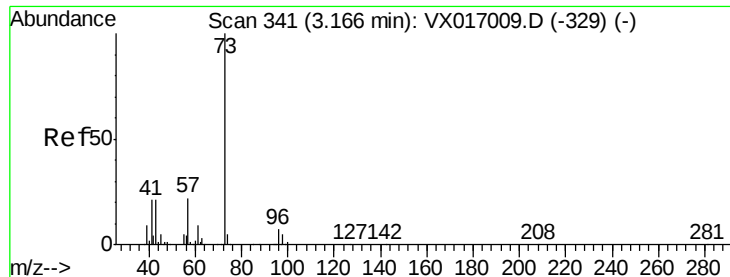
74 24.9 19.3 28.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



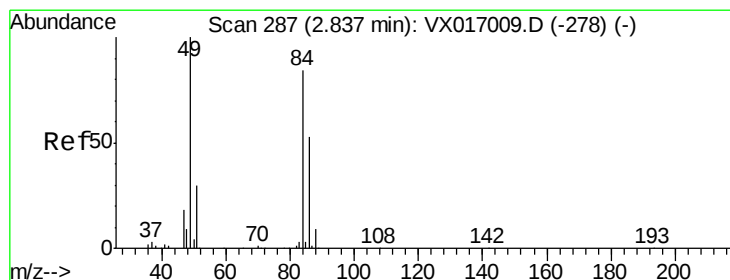
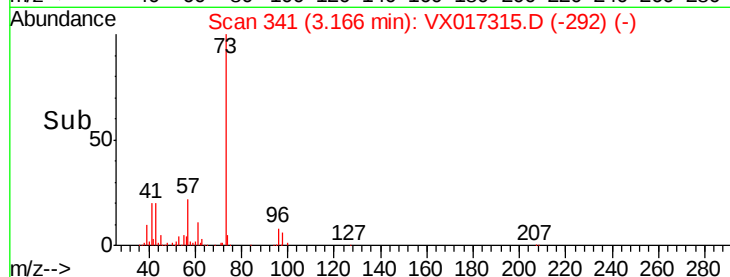
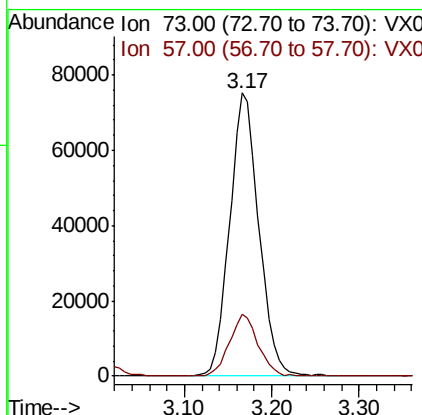
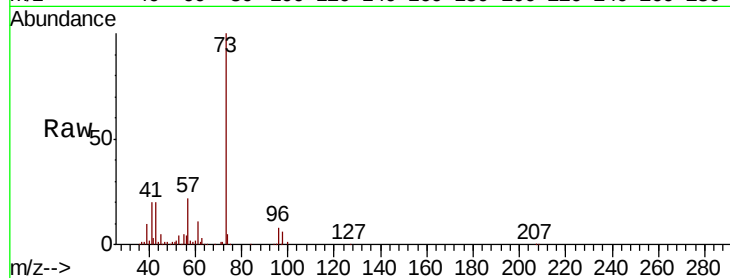


#19

Methvl tert-butvl Ether
 Concen: 17.400 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.00 min
 Lab File: VX017315.D
 Acq: 09 Jul 2020 18:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0709WBSD02

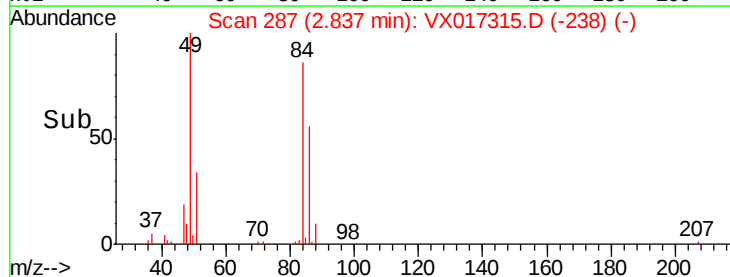
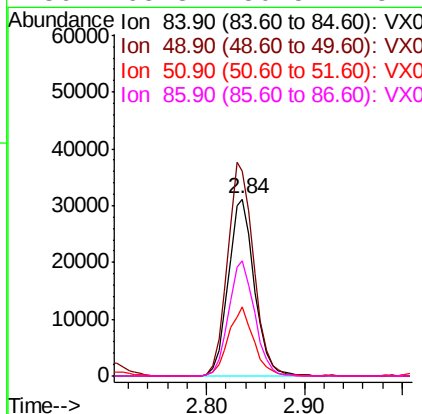
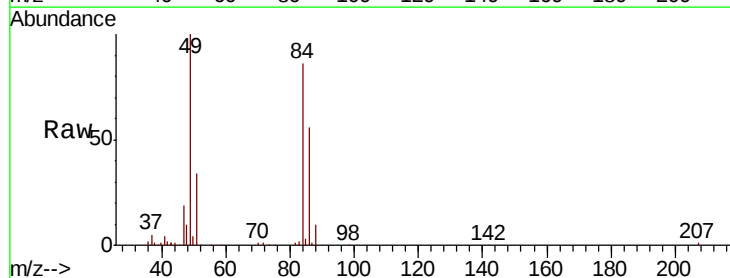
Tot Ion: 73 Resp: 173667
 Ion Ratio Lower Upper
 73 100
 57 22.0 17.6 26.4

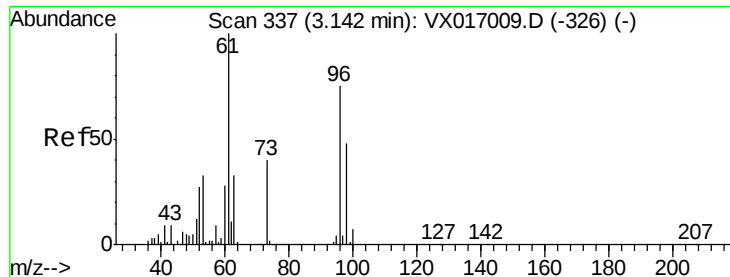


#20

Methylene Chloride
 Concen: 17.568 ug/l
 RT: 2.84 min Scan# 287
 Delta R.T. 0.00 min
 Lab File: VX017315.D
 Acq: 09 Jul 2020 18:04

Tgt Ion: 84 Resp: 57468
 Ion Ratio Lower Upper
 84 100
 49 116.0 94.7 142.1
 51 39.4 28.6 42.8
 86 65.3 50.5 75.7





#21

trans-1,2-Dichloroethene

Concen: 16.697 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX017315.D

Acq: 09 Jul 2020 18:04

Instrument :

MSVOA_X

ClientSampleId :

VX0709WBSD02

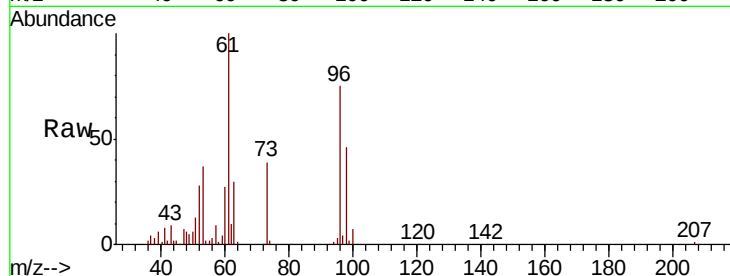
Tot Ion: 96 Resp: 55105

Ion Ratio Lower Upper

96 100

61 132.6 107.0 160.6

98 60.9 51.6 77.4

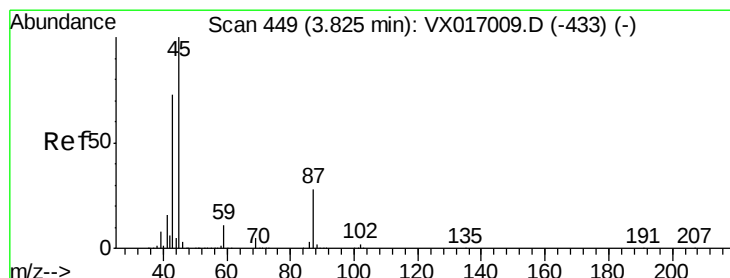
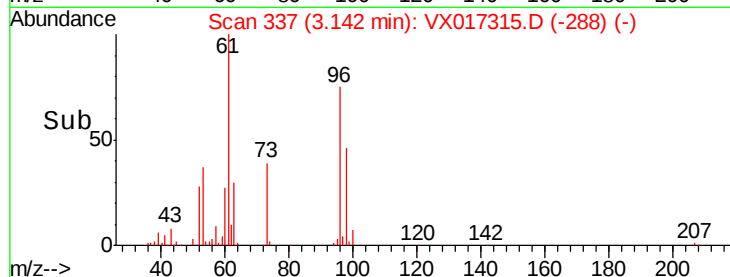
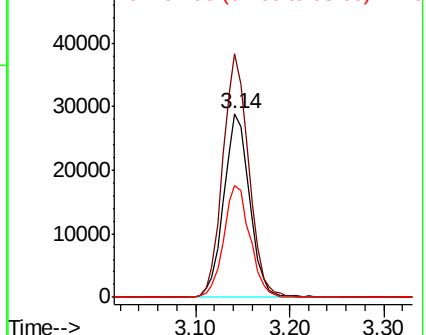


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 17.361 ug/l

RT: 3.83 min Scan# 450

Delta R.T. 0.01 min

Lab File: VX017315.D

Acq: 09 Jul 2020 18:04

Tgt Ion: 45 Resp: 176598

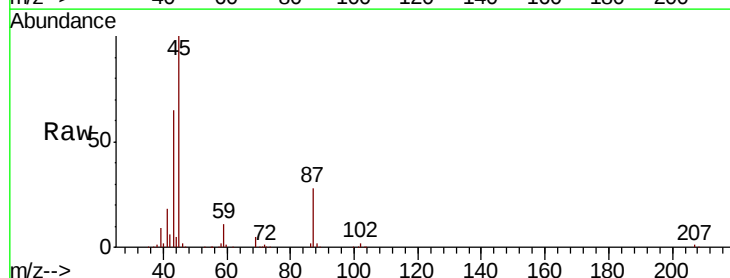
Ion Ratio Lower Upper

45 100

43 64.2 58.6 88.0

87 28.1 22.6 34.0

59 11.4 8.7 13.1



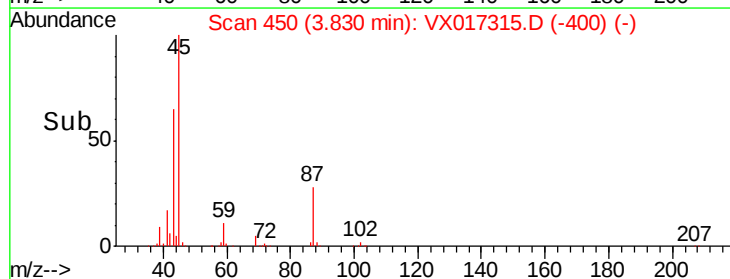
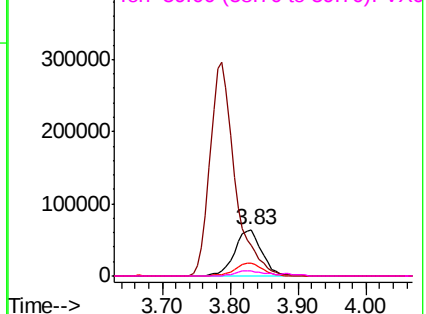
Abundance

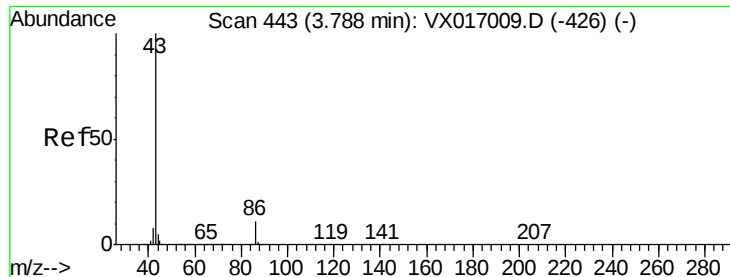
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0

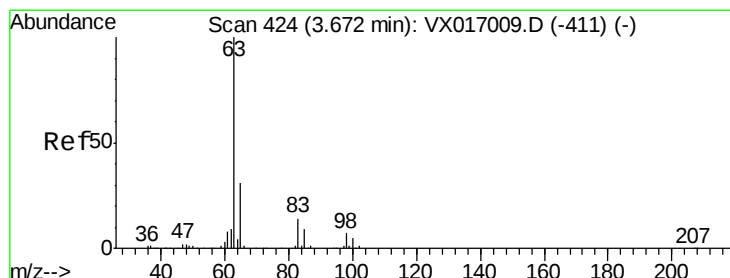
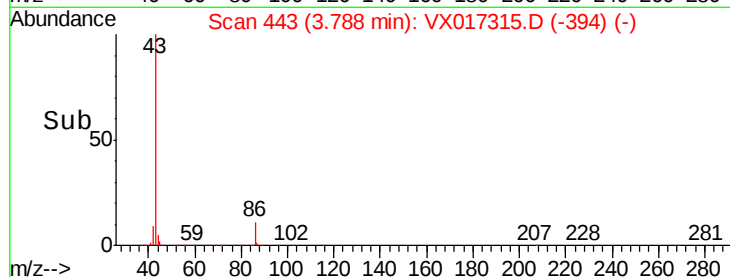
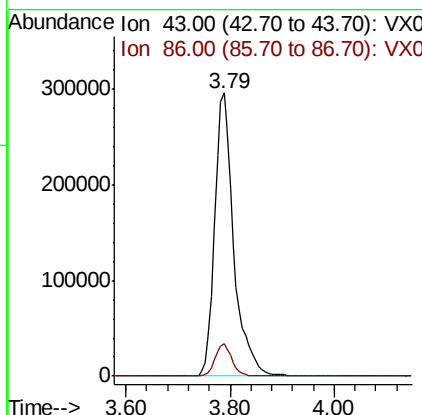
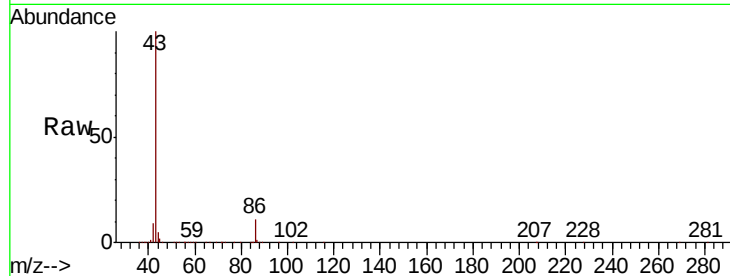




#23
 Vinyl Acetate
 Concen: 86.345 ug/l
 RT: 3.79 min Scan# 443
 Delta R.T. -0.00 min
 Lab File: VX017315.D
 Acq: 09 Jul 2020 18:04

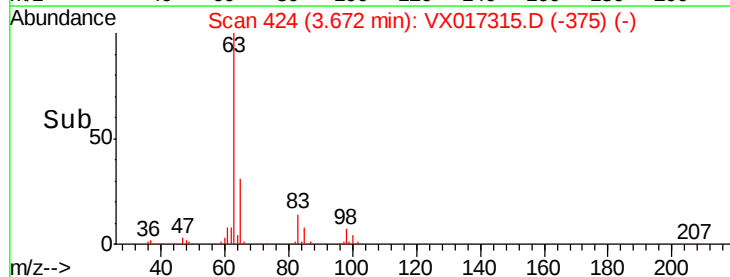
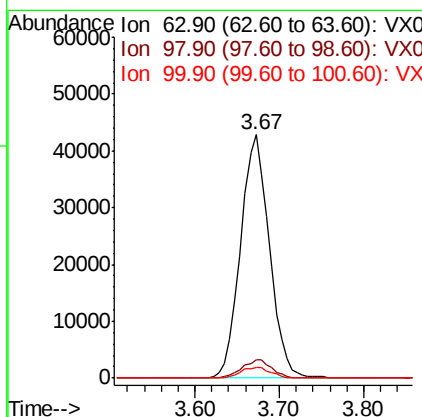
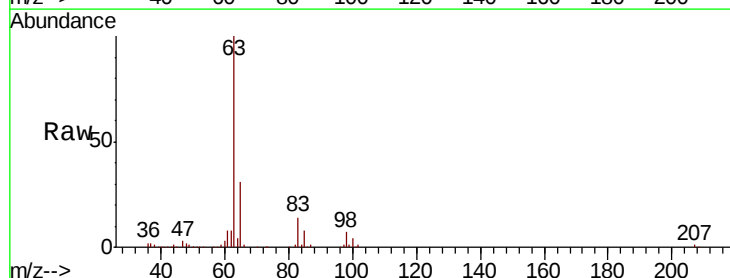
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0709WBSD02

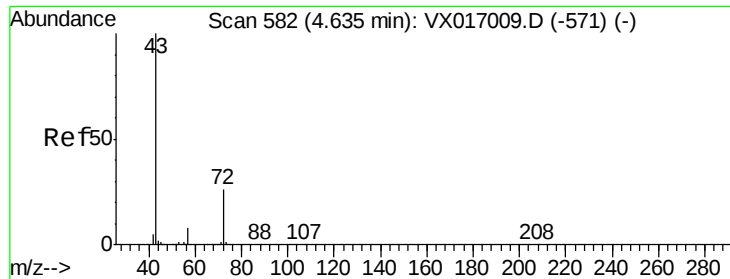
Tot Ion: 43 Resp: 754730
 Ion Ratio Lower Upper
 43 100
 86 11.4 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 17.101 ug/l
 RT: 3.67 min Scan# 424
 Delta R.T. -0.00 min
 Lab File: VX017315.D
 Acq: 09 Jul 2020 18:04

Tgt Ion: 63 Resp: 98979
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.6 10.8
 100 4.3 2.4 7.1





#25

2-Butanone

Concen: 87.578 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX017315.D

Acq: 09 Jul 2020 18:04

Instrument :

MSVOA_X

ClientSampleId :

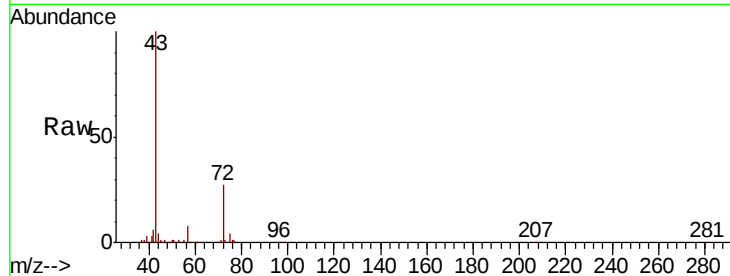
VX0709WBSD02

Tot Ion: 43 Resp: 202288

Ion Ratio Lower Upper

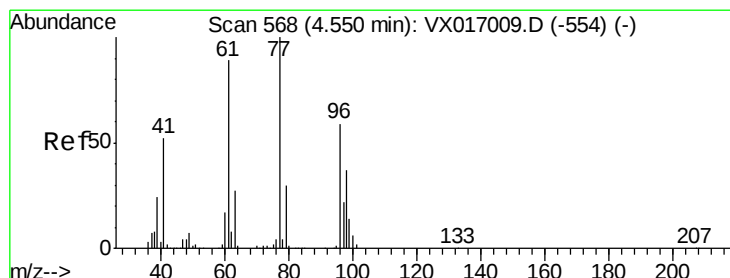
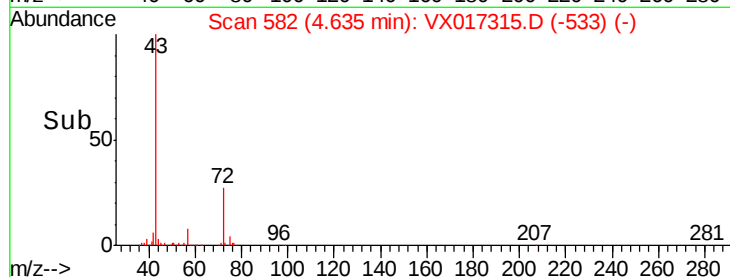
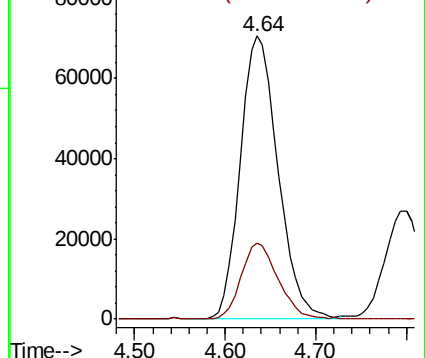
43 100

72 26.6 20.8 31.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 17.402 ug/l

RT: 4.56 min Scan# 569

Delta R.T. 0.01 min

Lab File: VX017315.D

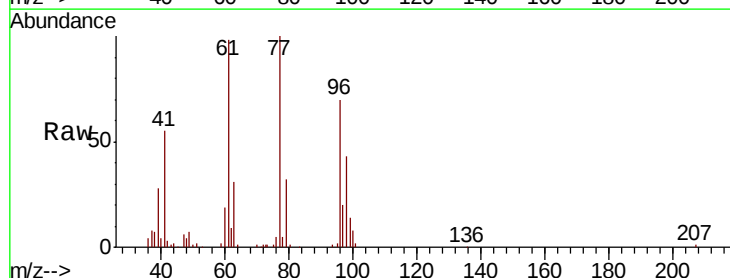
Acq: 09 Jul 2020 18:04

Tgt Ion: 77 Resp: 89431

Ion Ratio Lower Upper

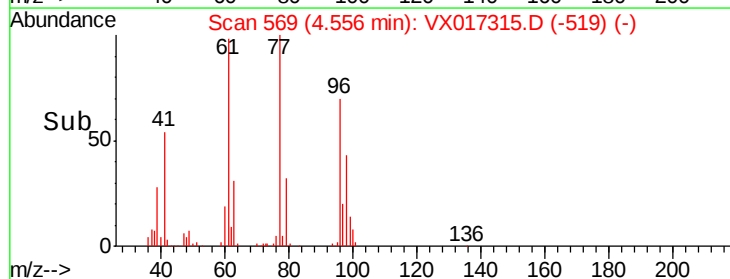
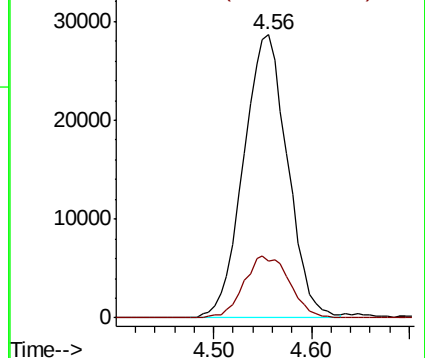
77 100

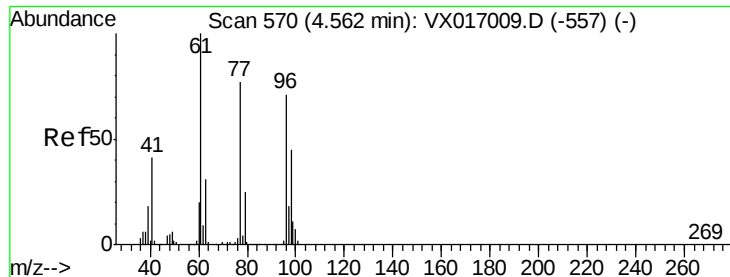
97 22.6 11.4 34.2



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



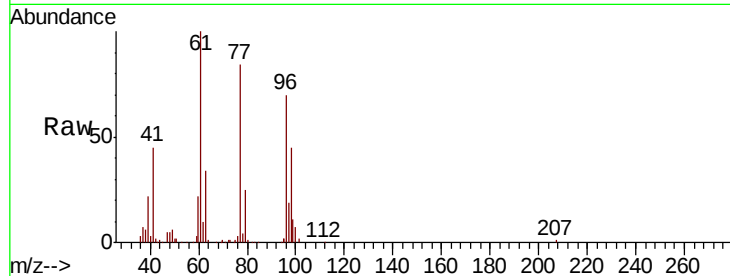


#27

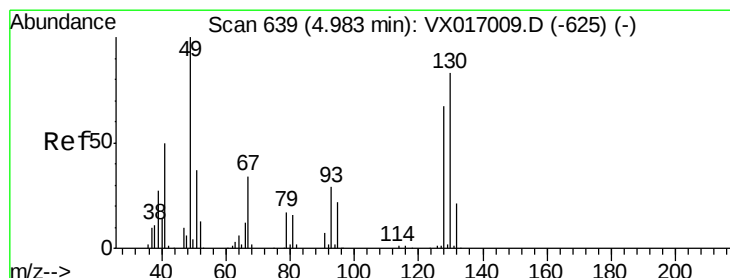
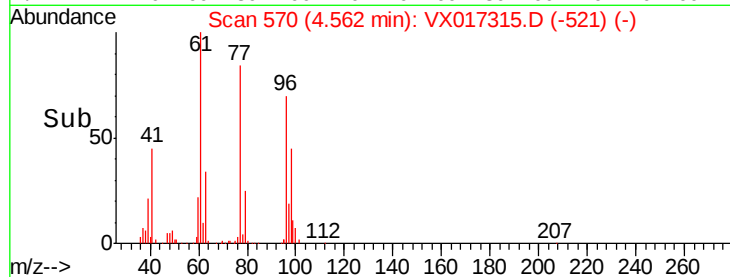
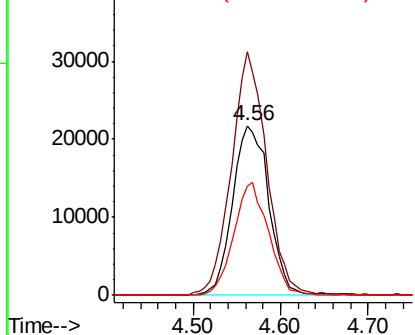
cis-1,2-Dichloroethene
 Concen: 16.741 ug/l
 RT: 4.56 min Scan# 570
 Delta R.T. -0.00 min
 Lab File: VX017315.D
 Acq: 09 Jul 2020 18:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0709WBSD02

Tot Ion	Ratio	Lower	Upper
96	100		
61	140.2	0.0	282.8
98	63.8	0.0	127.6



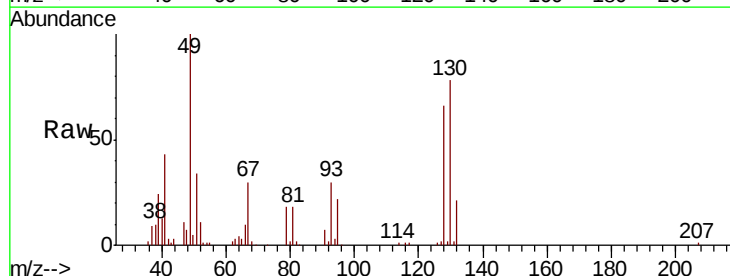
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



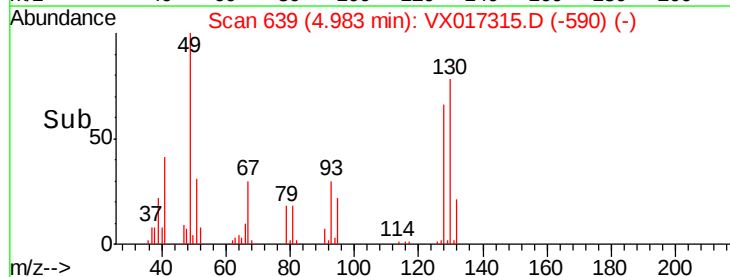
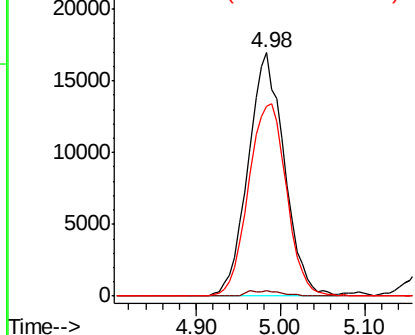
#28

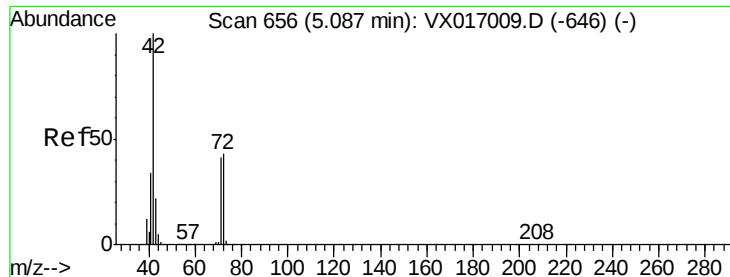
Bromochloromethane
 Concen: 17.653 ug/l
 RT: 4.98 min Scan# 639
 Delta R.T. -0.00 min
 Lab File: VX017315.D
 Acq: 09 Jul 2020 18:04

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.2
130	82.8	66.6	100.0



Abundance Ion 48.90 (48.60 to 49.60): VX0
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 86.358 ug/l

RT: 5.09 min Scan# 657

Delta R.T. 0.01 min

Lab File: VX017315.D

Acq: 09 Jul 2020 18:04

Instrument :

MSVOA_X

ClientSampleId :

VX0709WBSD02

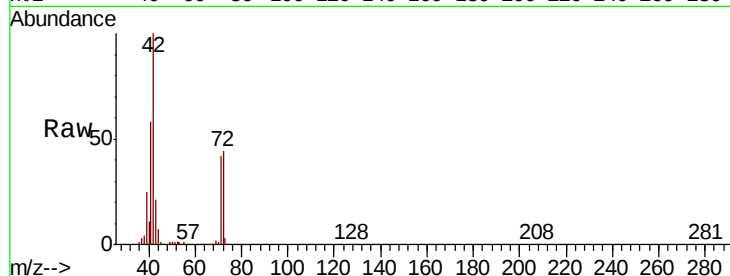
Tot Ion: 42 Resp: 131794

Ion Ratio Lower Upper

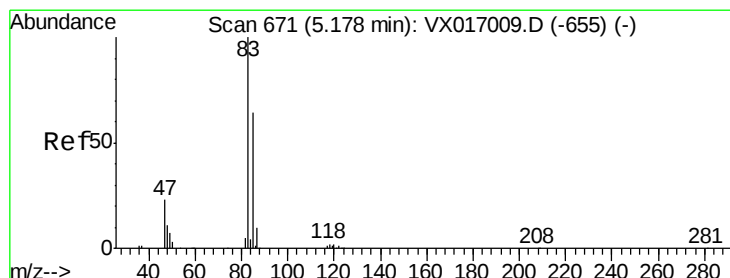
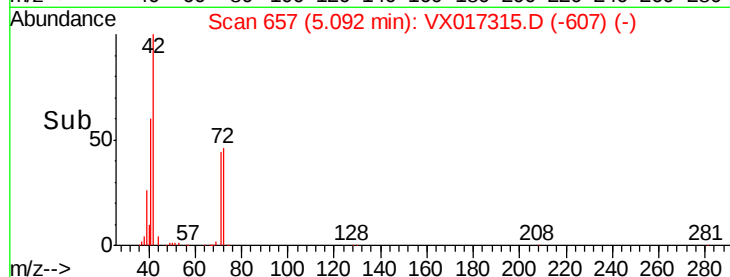
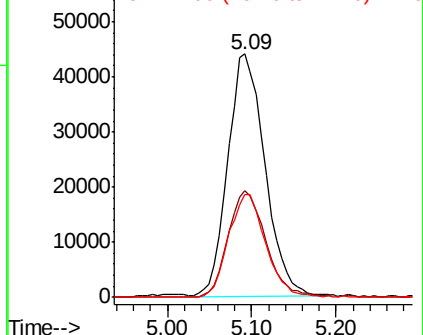
42 100

72 45.3 35.3 52.9

71 42.7 33.1 49.7



Abundance Ion 42.00 (41.70 to 42.70): VX0
Ion 72.00 (71.70 to 72.70): VX0
Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 17.586 ug/l

RT: 5.18 min Scan# 671

Delta R.T. -0.00 min

Lab File: VX017315.D

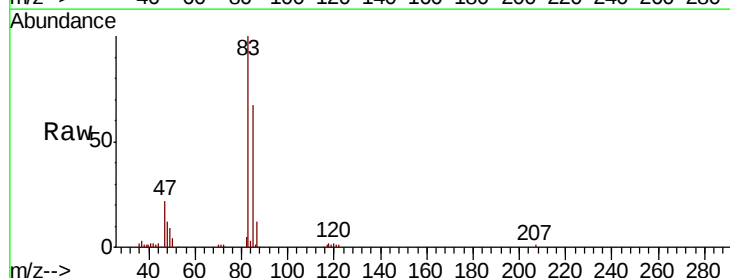
Acq: 09 Jul 2020 18:04

Tgt Ion: 83 Resp: 104340

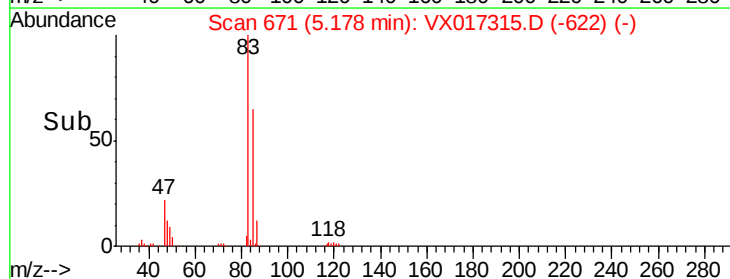
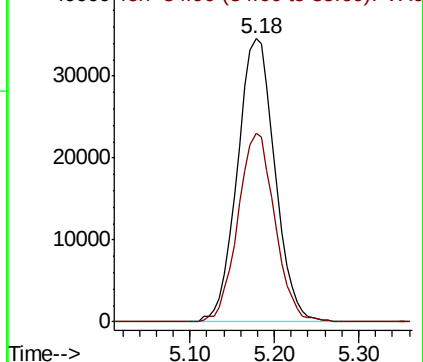
Ion Ratio Lower Upper

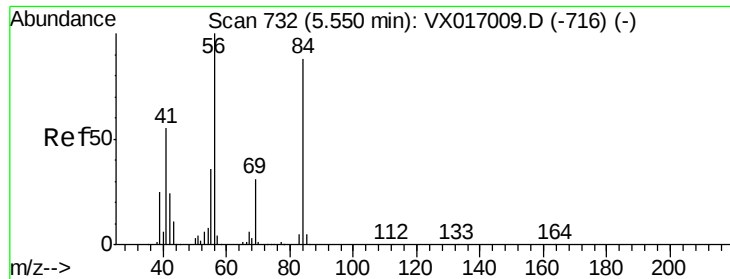
83 100

85 66.9 51.4 77.2



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0

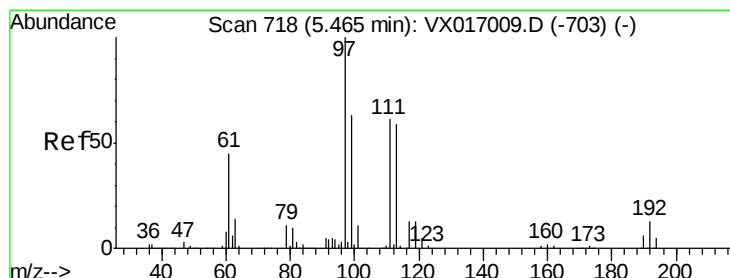
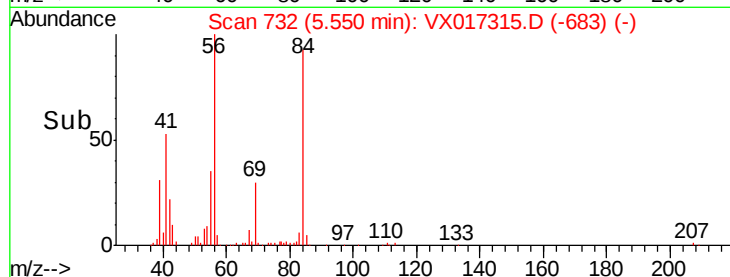
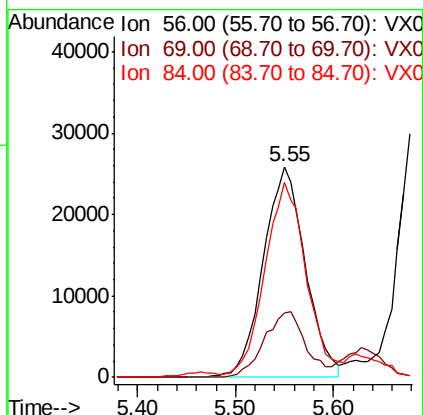
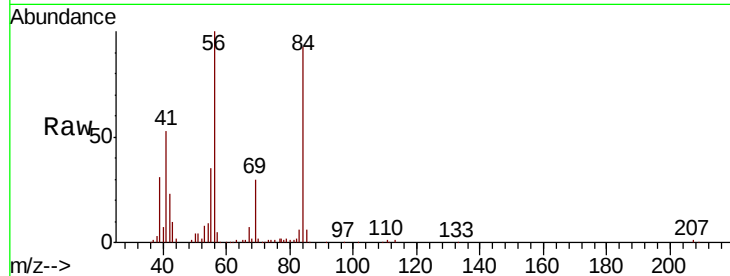




#31
Cvclohexane
Concen: 15.431 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX017315.D
Acq: 09 Jul 2020 18:04

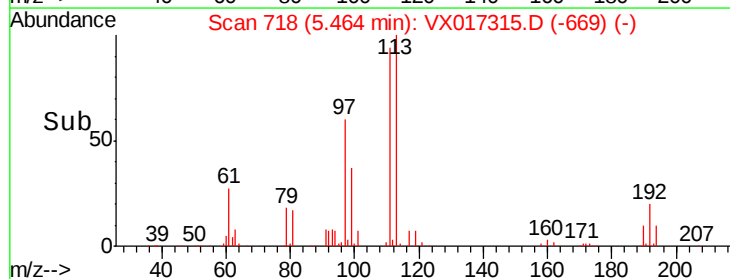
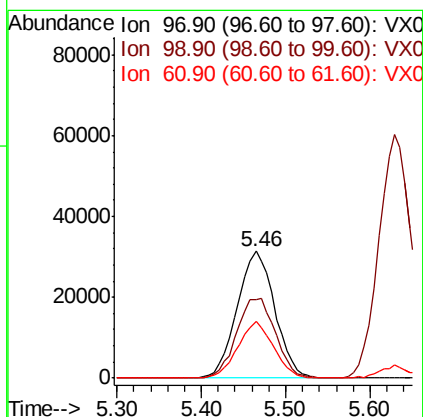
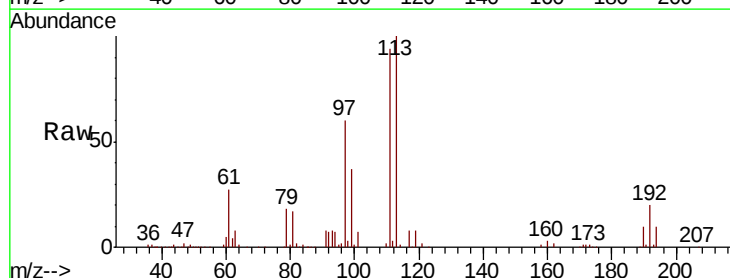
Instrument :
MSVOA_X
ClientSampleId :
VX0709WBSD02

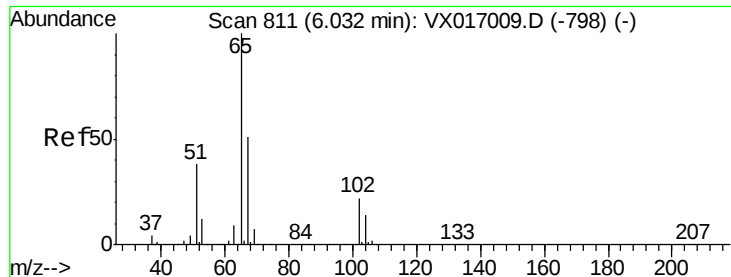
Tot Ion: 56 Resp: 77201
Ion Ratio Lower Upper
56 100
69 30.4 25.0 37.4
84 90.7 69.1 103.7



#32
1,1,1-Trichloroethane
Concen: 17.415 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX017315.D
Acq: 09 Jul 2020 18:04

Tgt Ion: 97 Resp: 95156
Ion Ratio Lower Upper
97 100
99 65.2 50.8 76.2
61 42.4 33.7 50.5





#33

1,2-Dichloroethane-d4

Concen: 47.132 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX017315.D

Acq: 09 Jul 2020 18:04

Instrument :

MSVOA_X

ClientSampleId :

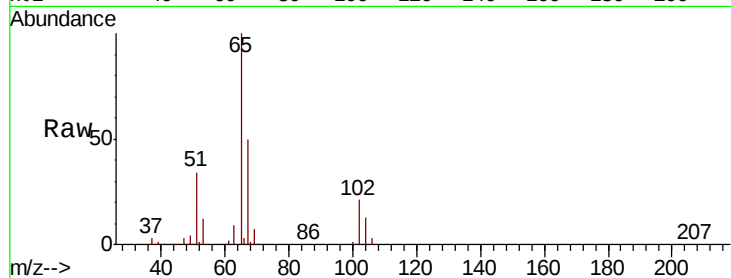
VX0709WBSD02

Tot Ion: 65 Resp: 174652

Ion Ratio Lower Upper

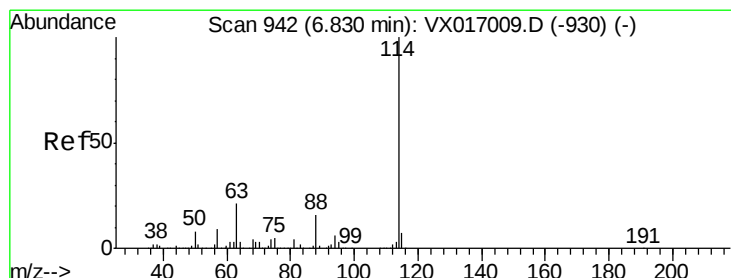
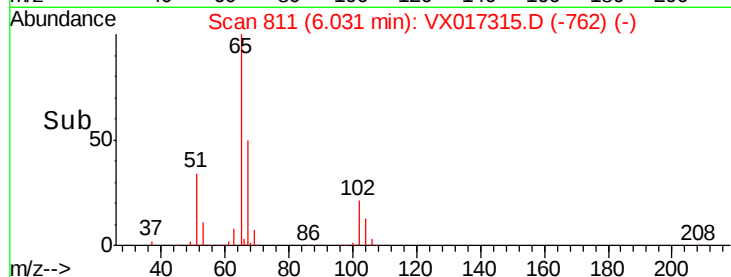
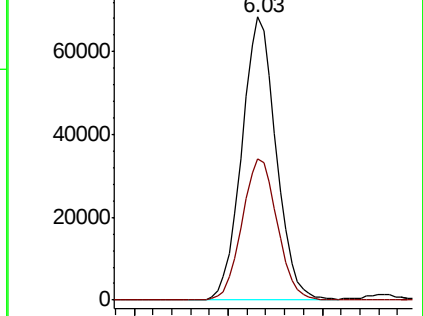
65 100

67 51.4 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX017315.D

Acq: 09 Jul 2020 18:04

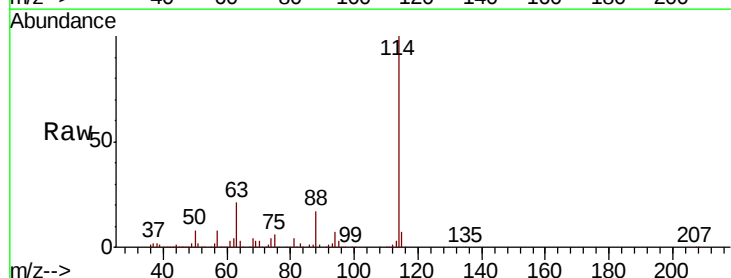
Tgt Ion: 114 Resp: 449580

Ion Ratio Lower Upper

114 100

63 20.5 0.0 41.4

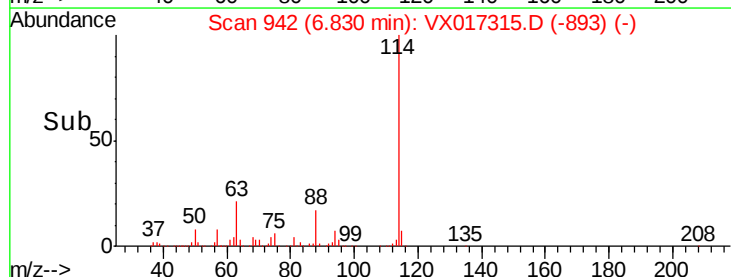
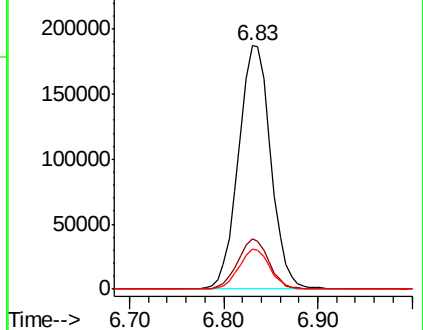
88 16.7 0.0 32.4

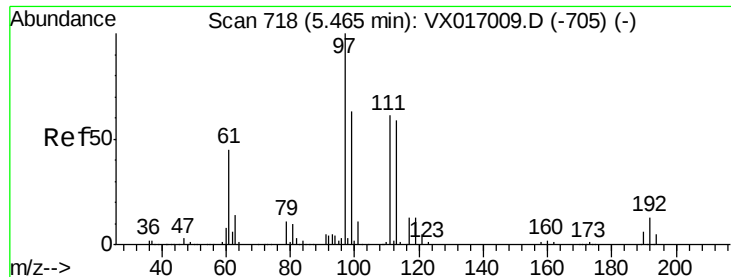


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

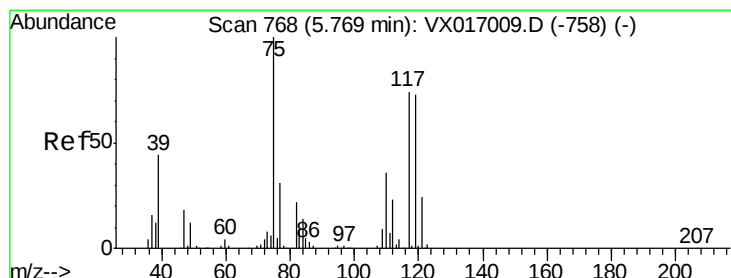
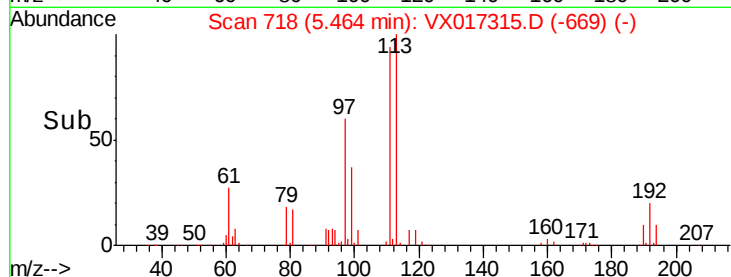
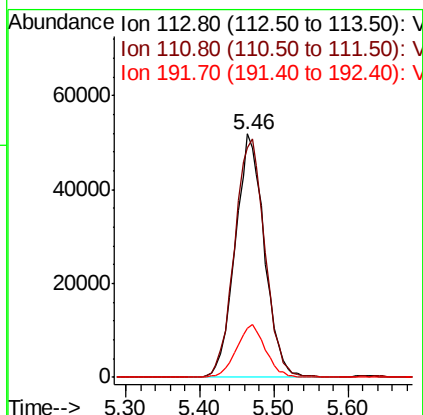
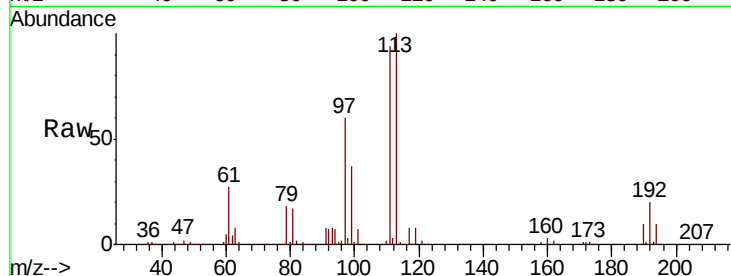




#35
 Dibromofluoromethane
 Concen: 49.948 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.00 min
 Lab File: VX017315.D
 Acq: 09 Jul 2020 18:04

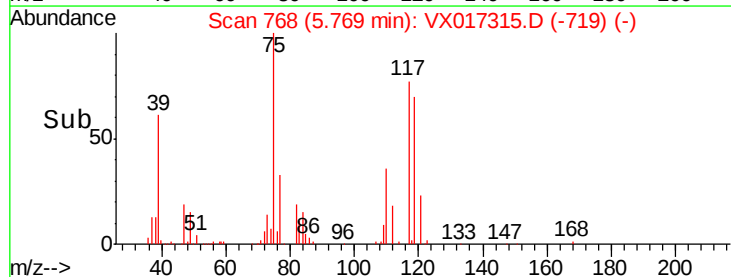
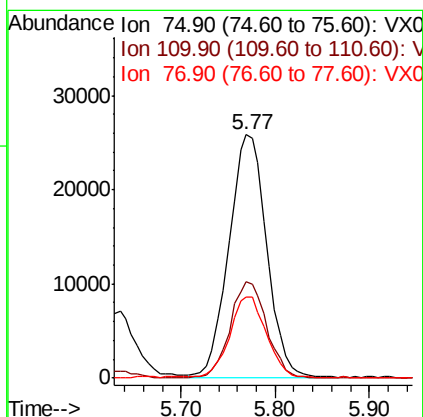
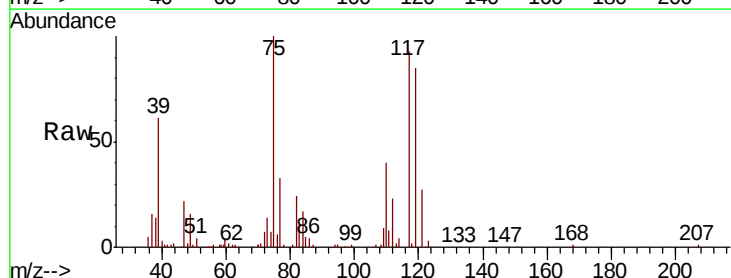
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0709WBSD02

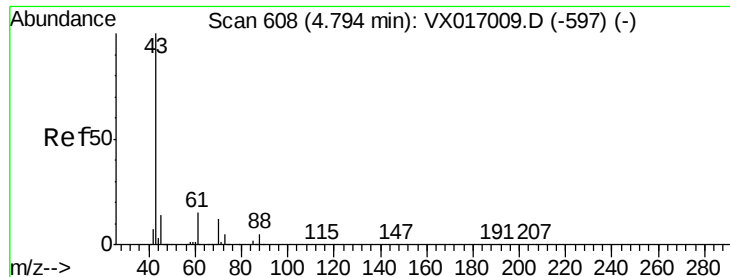
Tot Ion:113 Resp: 142048
 Ion Ratio Lower Upper
 113 100
 111 102.7 81.9 122.9
 192 21.4 16.7 25.1



#36
 1,1-Dichloropropene
 Concen: 16.929 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: VX017315.D
 Acq: 09 Jul 2020 18:04

Tgt Ion: 75 Resp: 71931
 Ion Ratio Lower Upper
 75 100
 110 38.3 18.1 54.1
 77 33.0 24.6 37.0

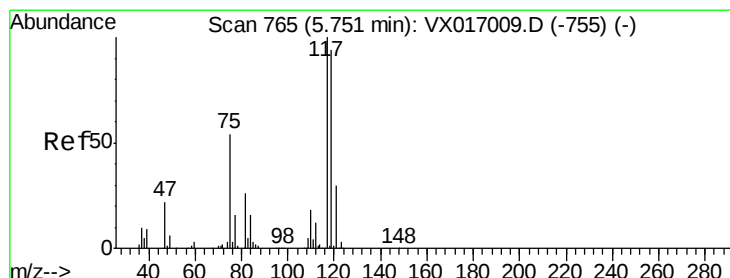
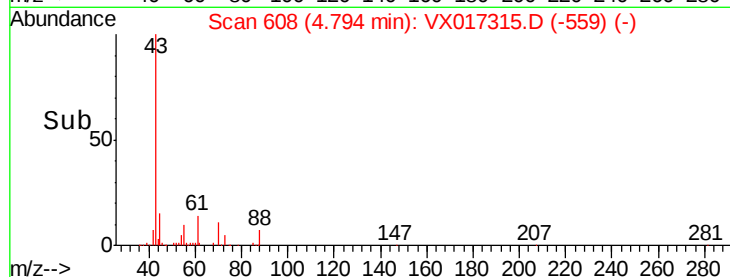
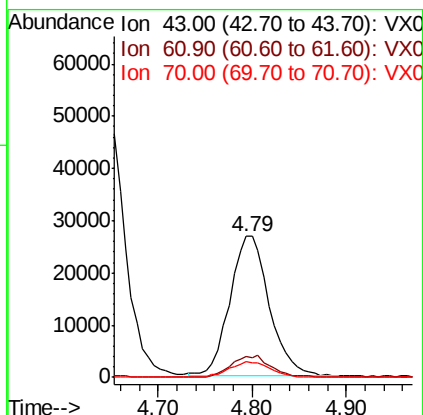
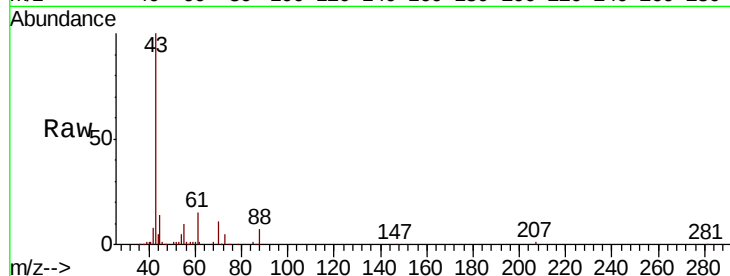




#37
Ethyl Acetate
Concen: 18.081 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX017315.D
Acq: 09 Jul 2020 18:04

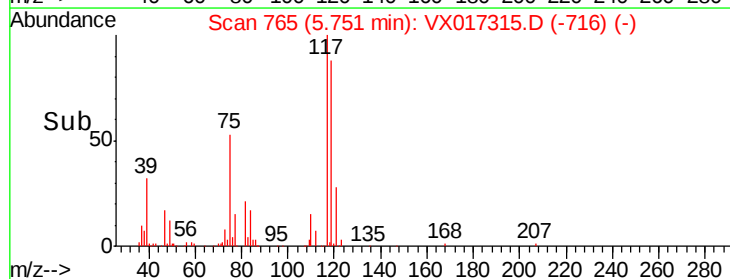
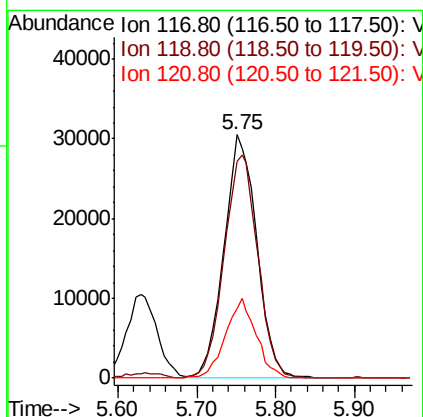
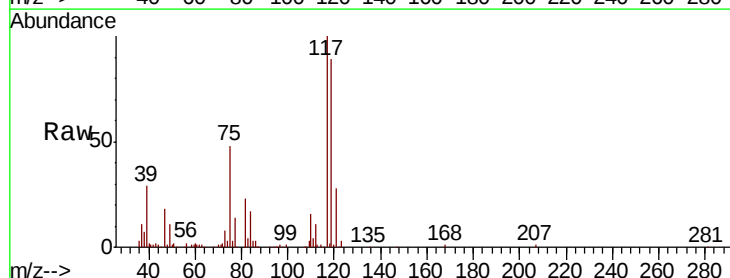
Instrument :
MSVOA_X
ClientSampleId :
VX0709WBSD02

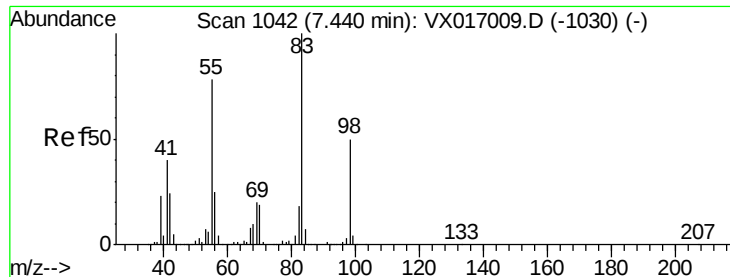
Tot Ion: 43 Resp: 77952
Ion Ratio Lower Upper
43 100
61 15.0 11.0 16.4
70 11.5 8.9 13.3



#38
Carbon Tetrachloride
Concen: 18.802 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX017315.D
Acq: 09 Jul 2020 18:04

Tgt Ion: 117 Resp: 87995
Ion Ratio Lower Upper
117 100
119 88.9 75.4 113.0
121 28.4 23.8 35.6

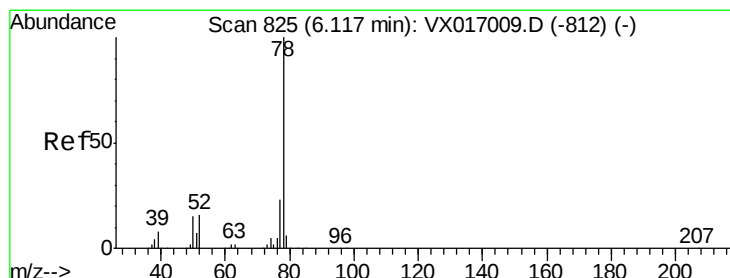
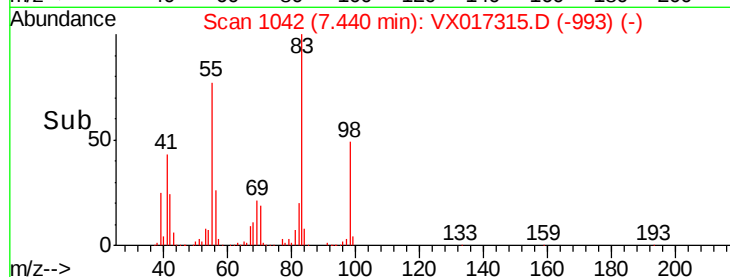
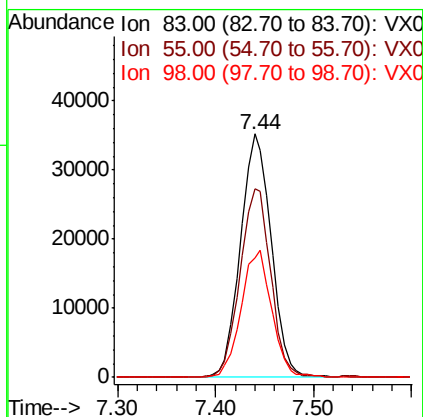
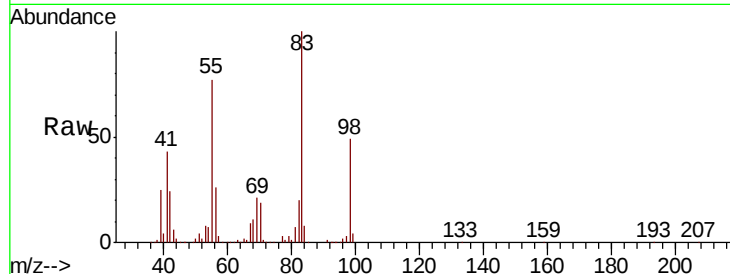




#39
Methvlcvclohexane
Concen: 16.251 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX017315.D
Acq: 09 Jul 2020 18:04

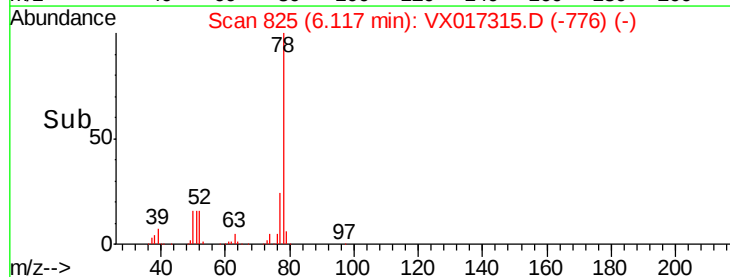
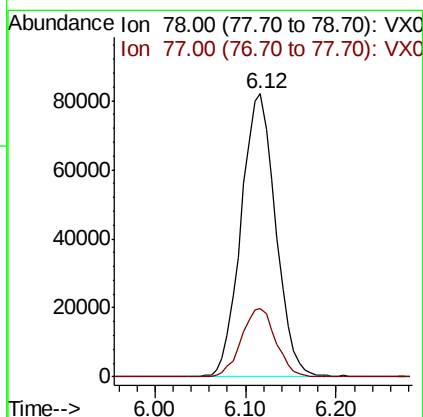
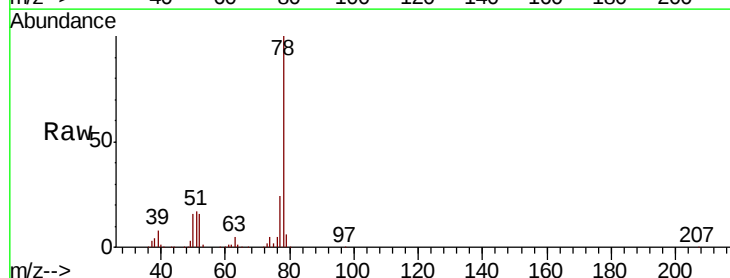
Instrument :
MSVOA_X
ClientSampleId :
VX0709WBSD02

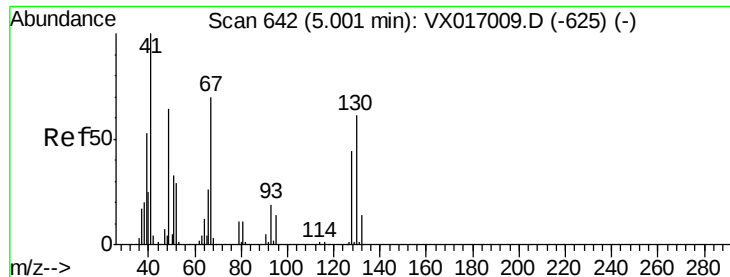
Tot Ion: 83 Resp: 76829
Ion Ratio Lower Upper
83 100
55 77.6 62.5 93.7
98 48.9 40.1 60.1



#40
Benzene
Concen: 17.357 ug/l
RT: 6.12 min Scan# 825
Delta R.T. -0.00 min
Lab File: VX017315.D
Acq: 09 Jul 2020 18:04

Tgt Ion: 78 Resp: 216696
Ion Ratio Lower Upper
78 100
77 24.1 18.3 27.5

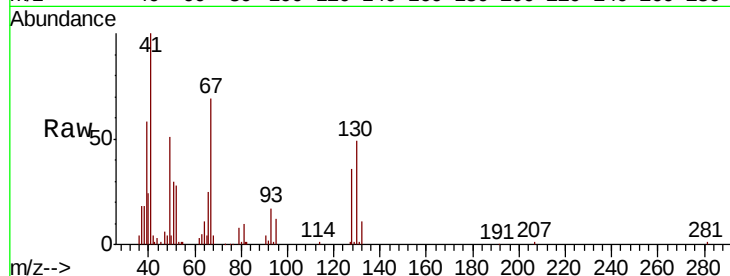




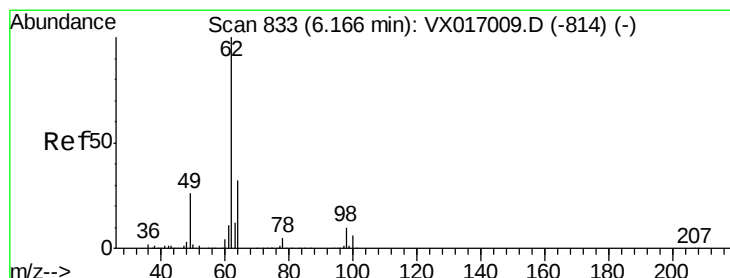
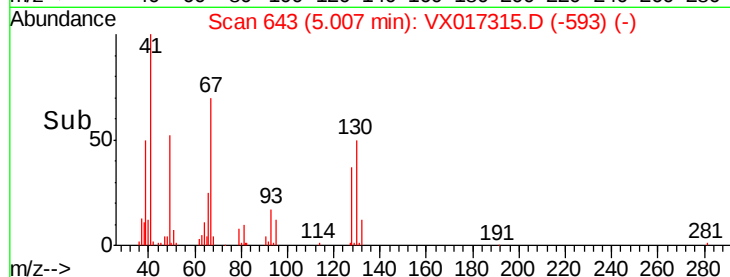
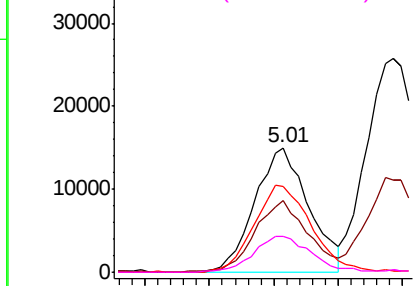
#41
Methacrylonitrile
Concen: 18.015 ug/l
RT: 5.01 min Scan# 643
Delta R.T. 0.01 min
Lab File: VX017315.D
Acq: 09 Jul 2020 18:04

Instrument :
MSVOA_X
ClientSampleId :
VX0709WBSD02

Tot Ion:	41	Resp:	43711
Ion	Ratio	Lower	Upper
41	100		
39	56.9	44.4	66.6
67	73.2	57.1	85.7
52	30.8	23.2	34.8

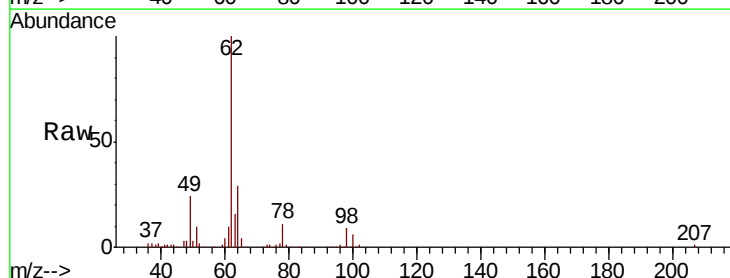


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

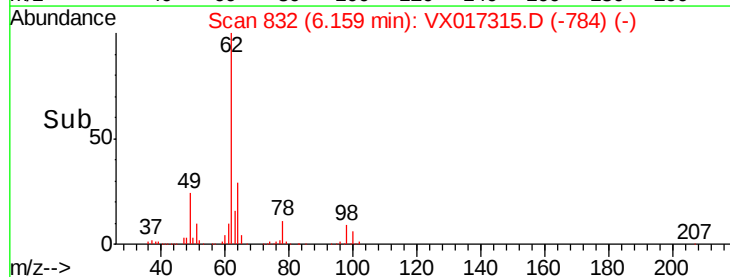
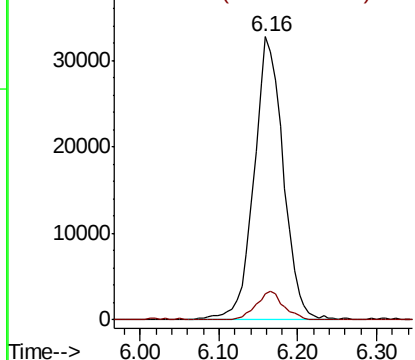


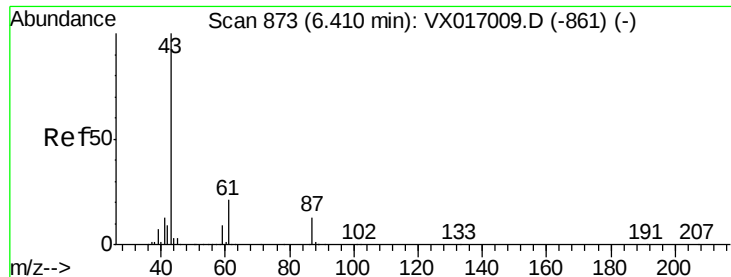
#42
1,2-Dichloroethane
Concen: 18.721 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX017315.D
Acq: 09 Jul 2020 18:04

Tgt Ion:	62	Resp:	84424
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	19.2



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



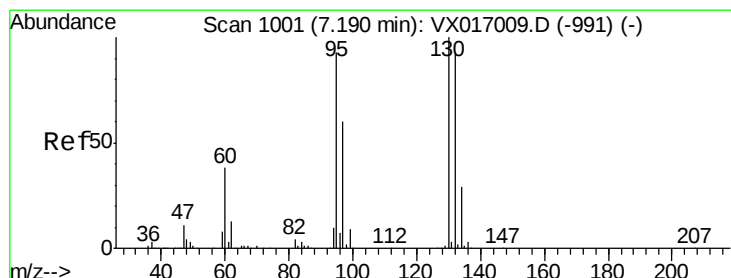
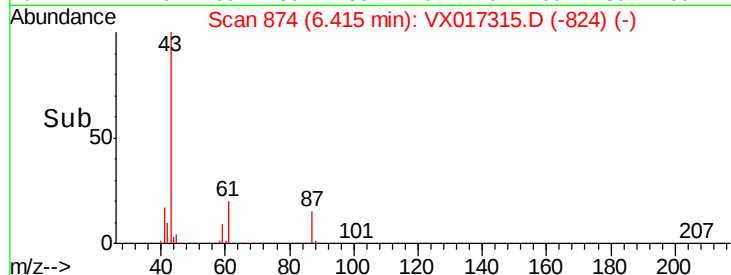
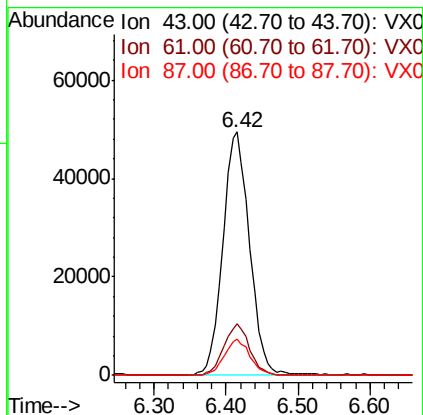
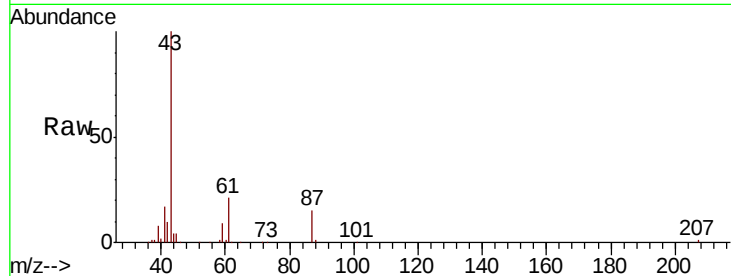


#43

Isopropyl Acetate
 Concen: 17.556 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. 0.01 min
 Lab File: VX017315.D
 Acq: 09 Jul 2020 18:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0709WBSD02

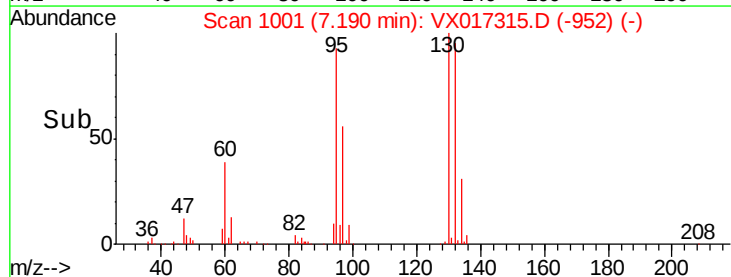
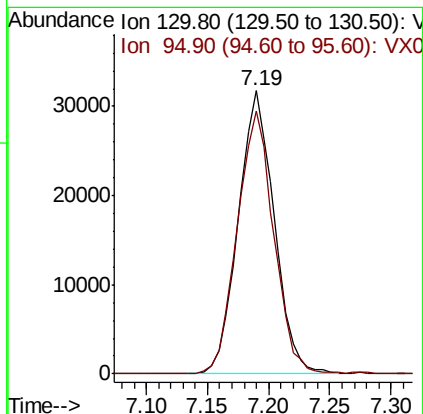
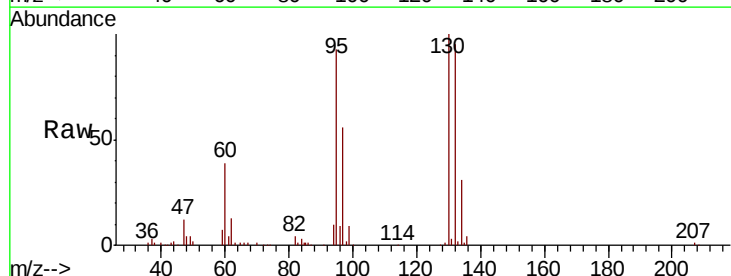
Tot Ion: 43 Resp: 125772
 Ion Ratio Lower Upper
 43 100
 61 20.6 16.2 24.2
 87 14.5 10.7 16.1

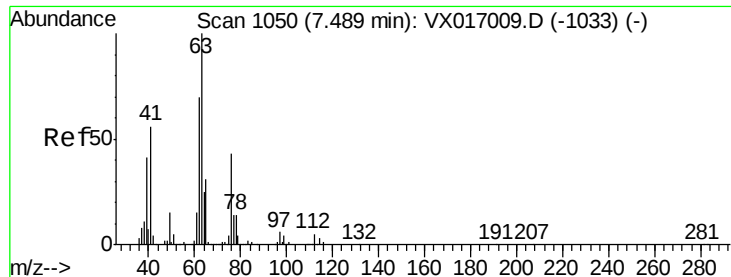


#44

Trichloroethene
 Concen: 18.573 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VX017315.D
 Acq: 09 Jul 2020 18:04

Tgt Ion: 130 Resp: 64657
 Ion Ratio Lower Upper
 130 100
 95 92.5 0.0 185.0





#45

1,2-Dichloropropane

Concen: 17.927 ug/l

RT: 7.49 min Scan# 1051

Delta R.T. 0.01 min

Lab File: VX017315.D

Acq: 09 Jul 2020 18:04

Instrument :

MSVOA_X

ClientSampleId :

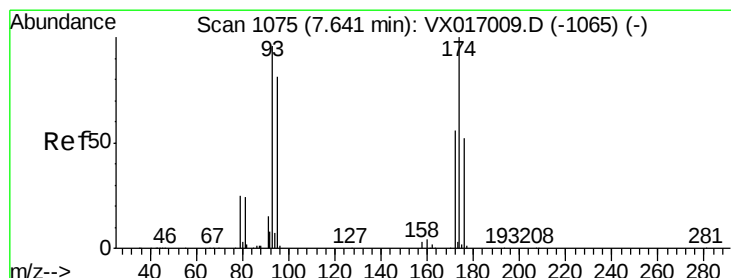
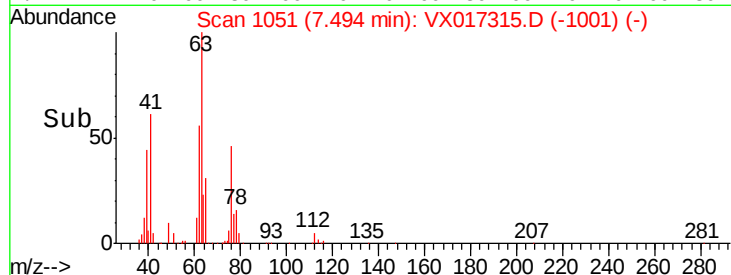
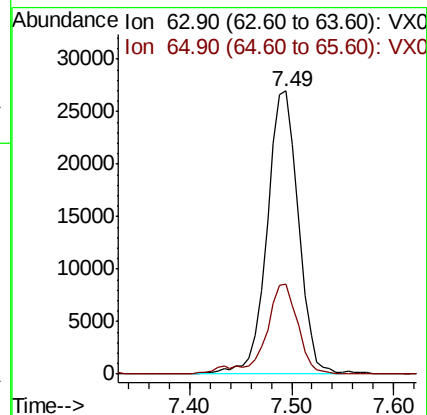
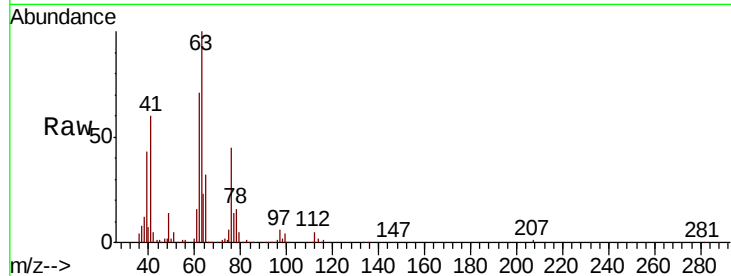
VX0709WBSD02

Tot Ion: 63 Resp: 57484

Ion Ratio Lower Upper

63 100

65 31.6 24.6 36.8



#46

Dibromomethane

Concen: 18.251 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX017315.D

Acq: 09 Jul 2020 18:04

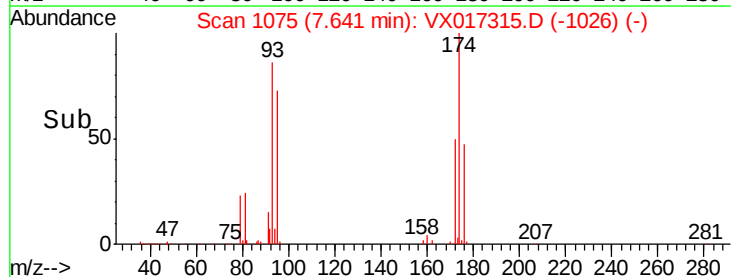
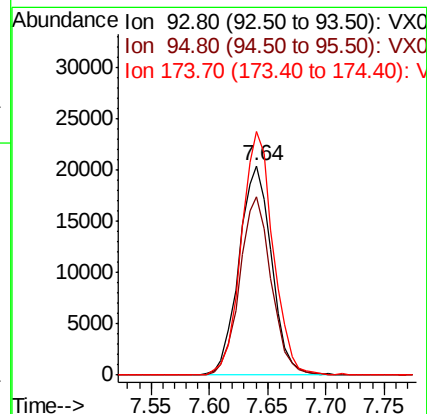
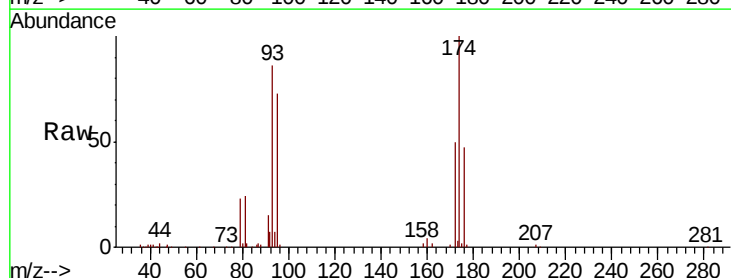
Tgt Ion: 93 Resp: 39955

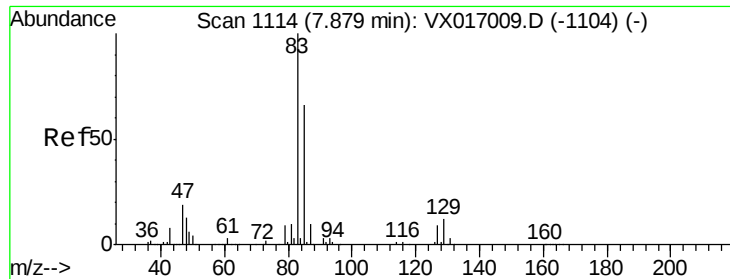
Ion Ratio Lower Upper

93 100

95 82.1 67.4 101.0

174 113.5 84.3 126.5





#47

Bromodichloromethane

Concen: 18.404 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX017315.D

Acq: 09 Jul 2020 18:04

Instrument :

MSVOA_X

ClientSampleId :

VX0709WBSD02

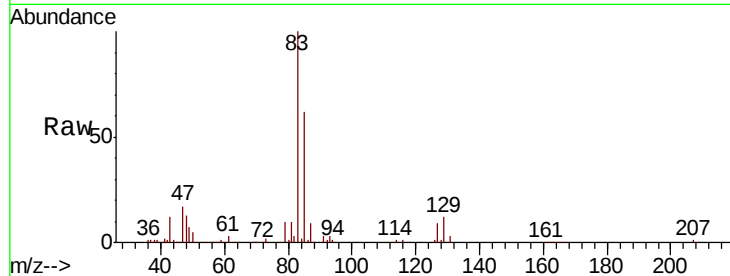
Tot Ion: 83 Resp: 83029

Ion Ratio Lower Upper

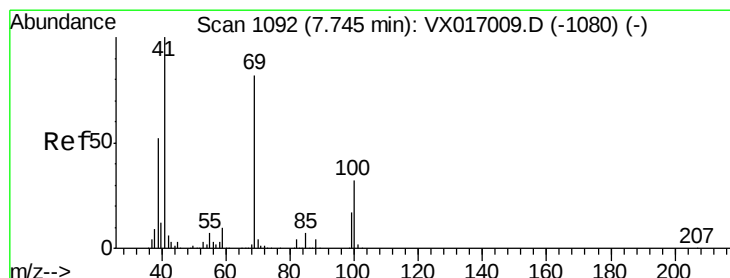
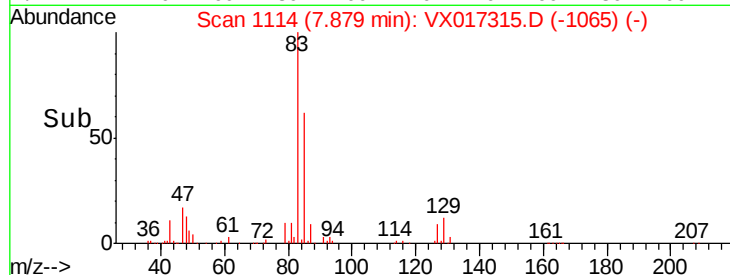
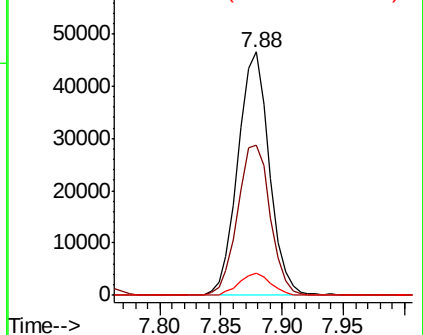
83 100

85 61.5 53.0 79.4

127 8.9 7.5 11.3



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 18.459 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX017315.D

Acq: 09 Jul 2020 18:04

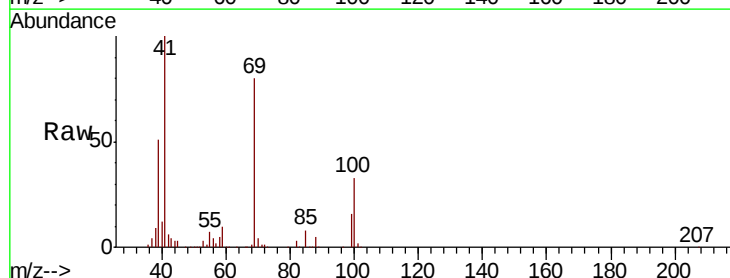
Tgt Ion: 41 Resp: 62824

Ion Ratio Lower Upper

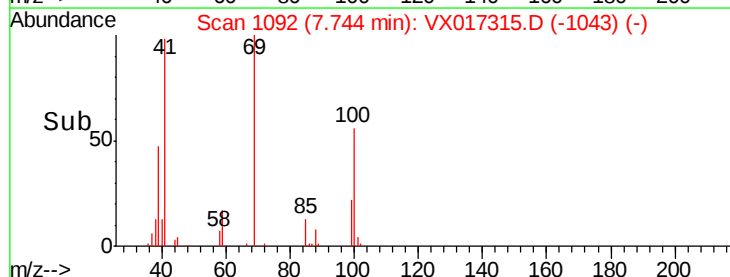
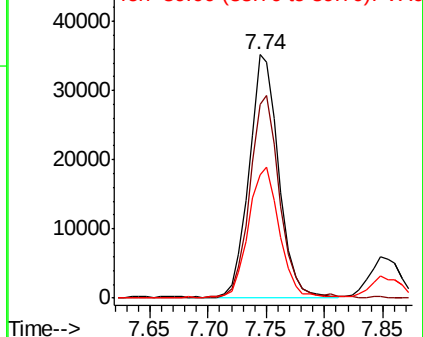
41 100

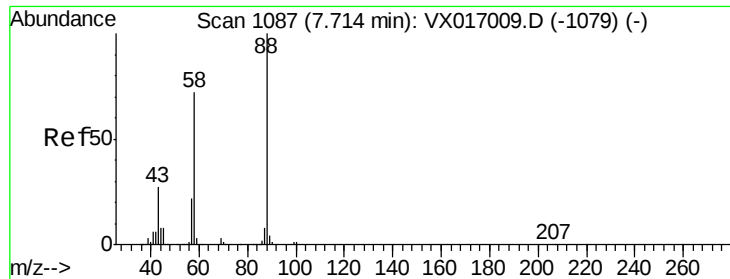
69 83.3 65.8 98.8

39 54.6 42.5 63.7



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

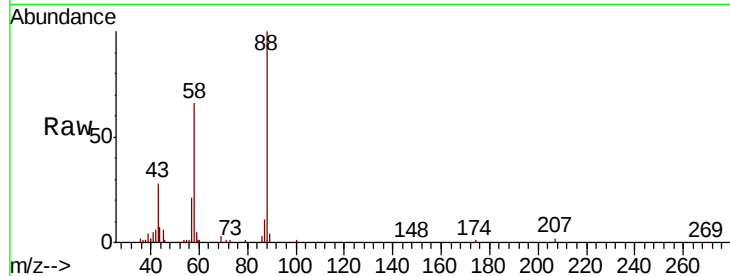




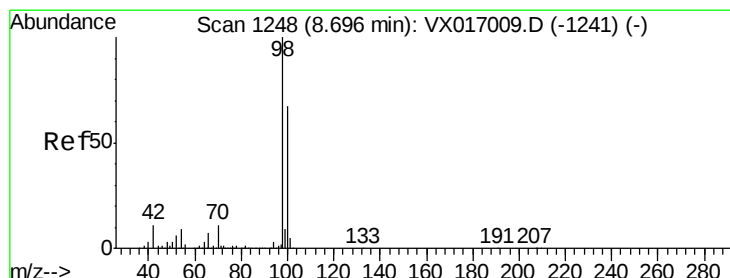
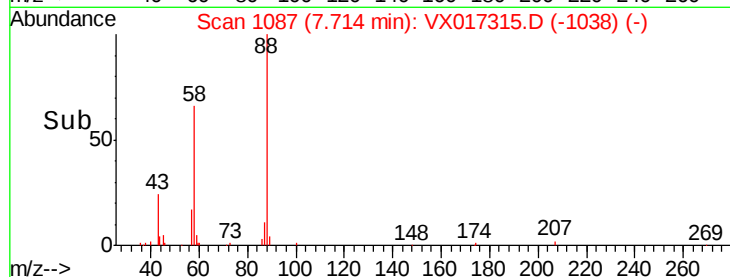
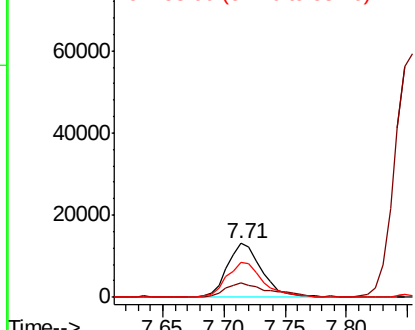
#49
1,4-Dioxane
Concen: 334.423 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX017315.D
Acq: 09 Jul 2020 18:04

Instrument :
MSVOA_X
ClientSampleId :
VX0709WBSD02

Tot Ion: 88 Resp: 25786
Ion Ratio Lower Upper
88 100
43 33.5 25.8 38.8
58 69.0 54.8 82.2

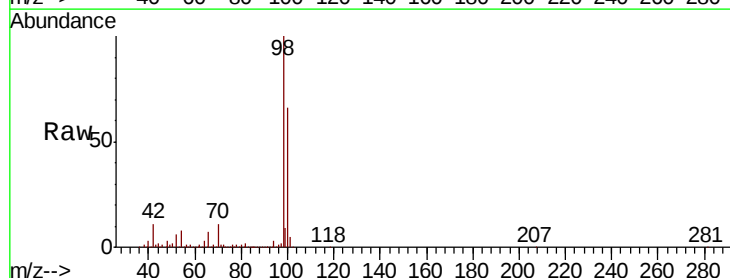


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

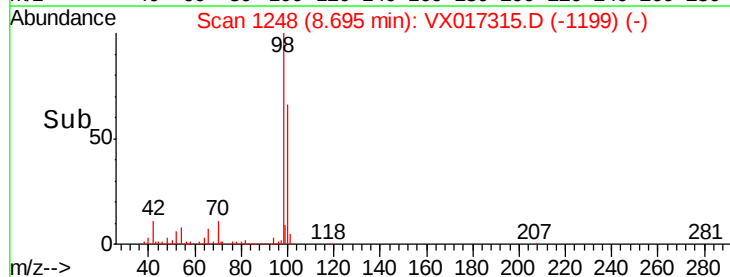
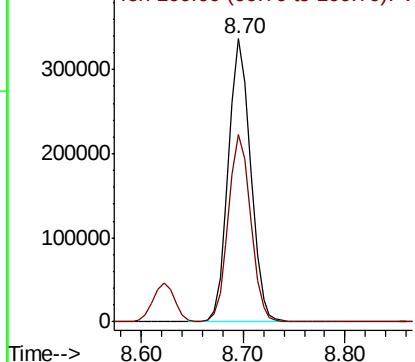


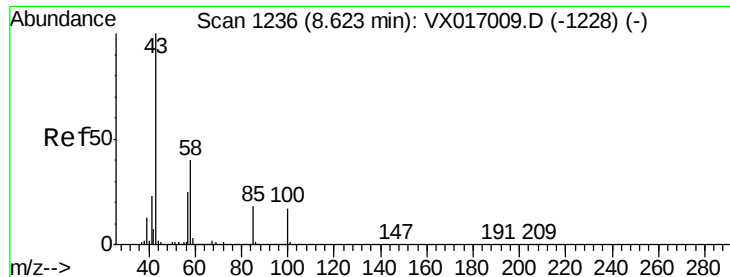
#50
Toluene-d8
Concen: 48.269 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX017315.D
Acq: 09 Jul 2020 18:04

Tgt Ion: 98 Resp: 507601
Ion Ratio Lower Upper
98 100
100 66.7 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 95.508 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX017315.D

Acq: 09 Jul 2020 18:04

Instrument :

MSVOA_X

ClientSampleId :

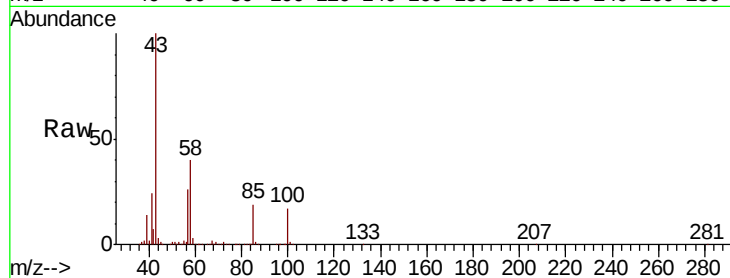
VX0709WBSD02

Tot Ion: 43 Resp: 407855

Ion Ratio Lower Upper

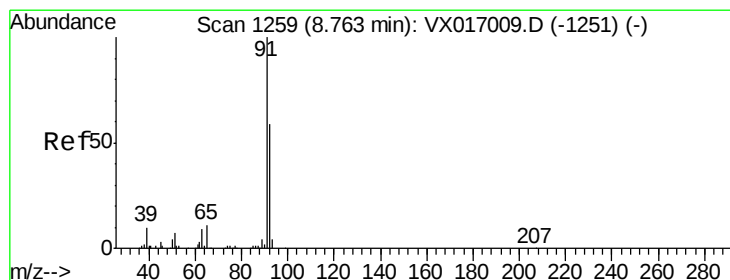
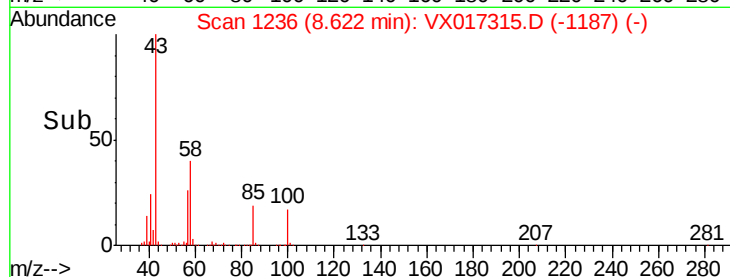
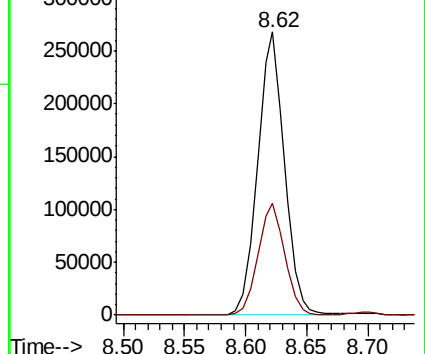
43 100

58 39.6 31.9 47.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 18.047 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX017315.D

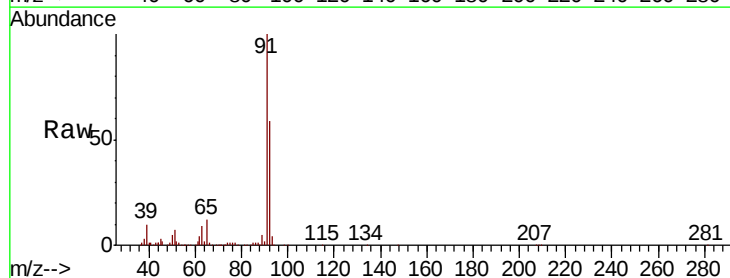
Acq: 09 Jul 2020 18:04

Tgt Ion: 92 Resp: 140670

Ion Ratio Lower Upper

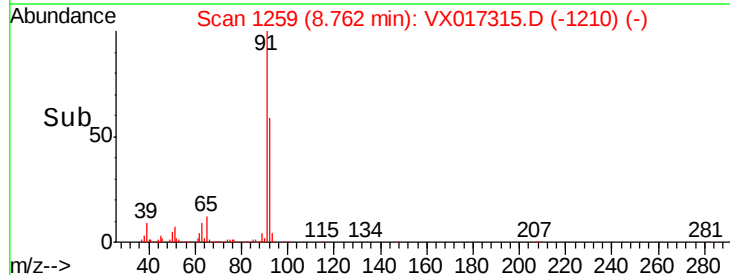
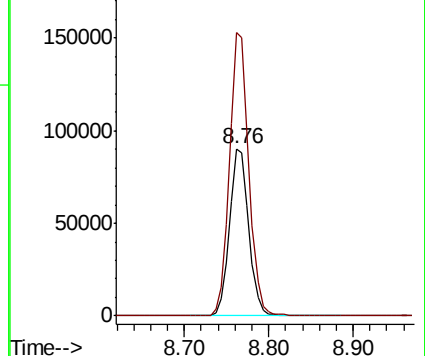
92 100

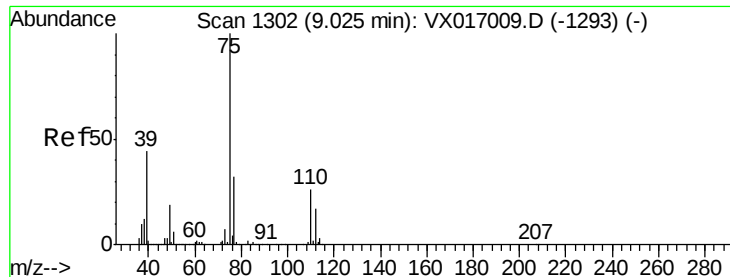
91 170.2 136.9 205.3



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 18.363 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX017315.D

Acq: 09 Jul 2020 18:04

Instrument :

MSVOA_X

ClientSampleId :

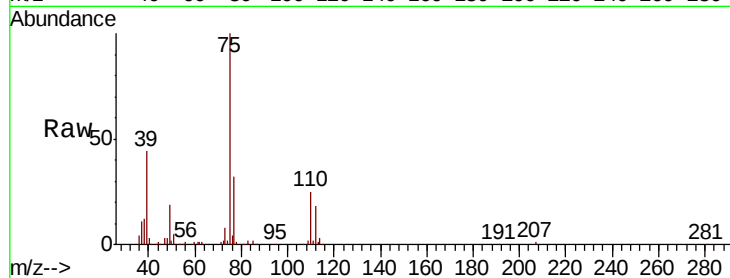
VX0709WBSD02

Tot Ion: 75 Resp: 91403

Ion Ratio Lower Upper

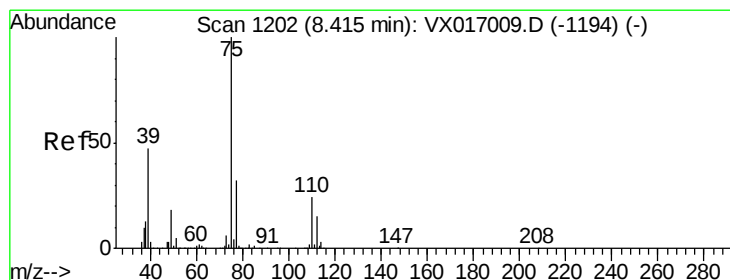
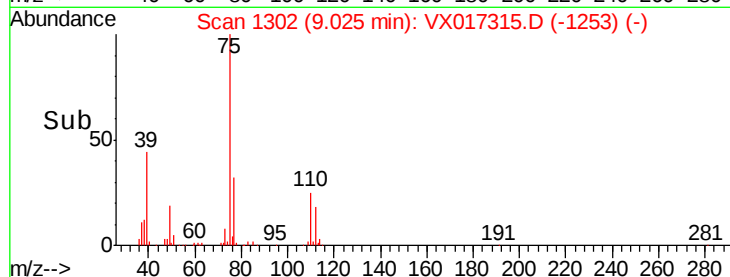
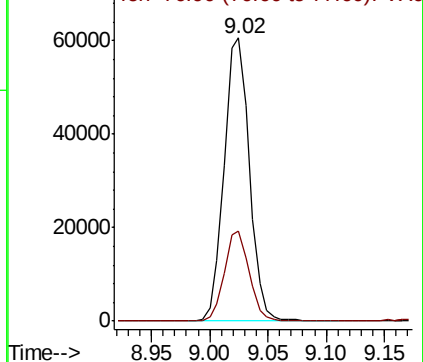
75 100

77 31.9 25.6 38.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 18.169 ug/l

RT: 8.41 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX017315.D

Acq: 09 Jul 2020 18:04

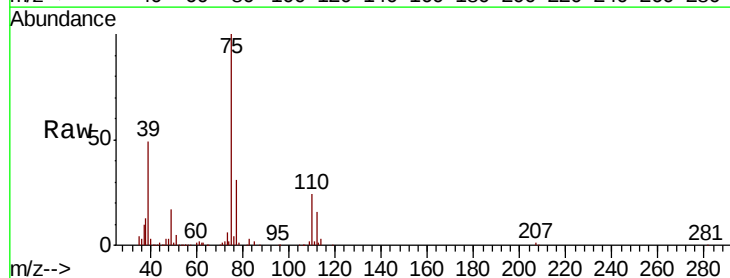
Tgt Ion: 75 Resp: 96949

Ion Ratio Lower Upper

75 100

77 31.2 25.2 37.8

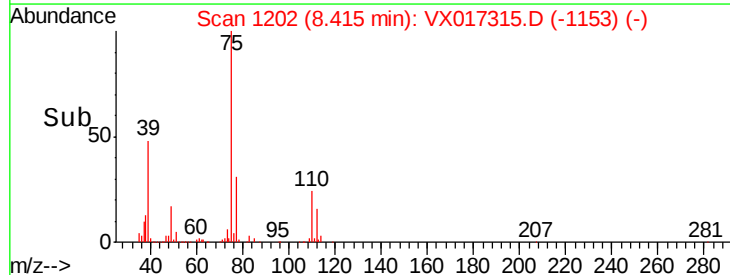
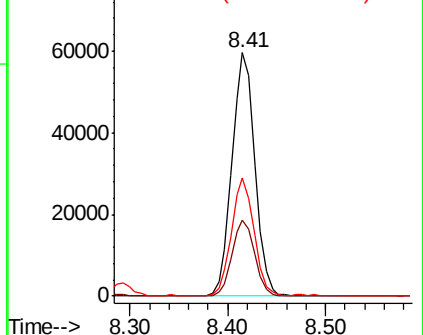
39 48.3 37.4 56.2

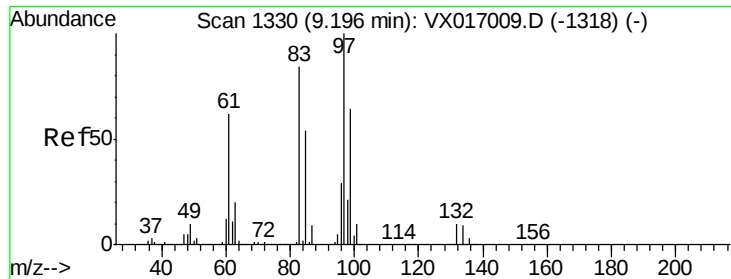


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

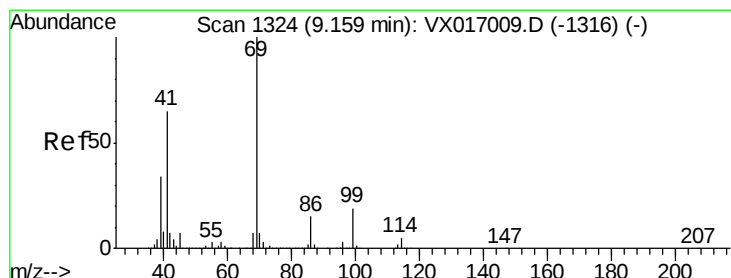
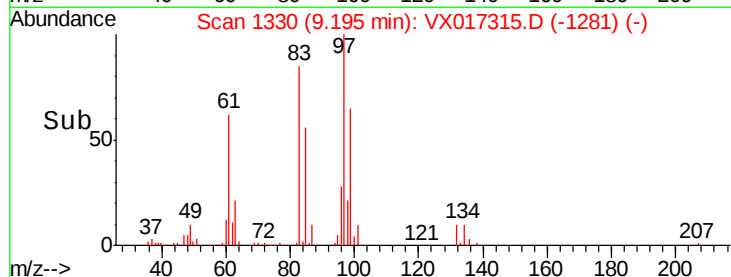
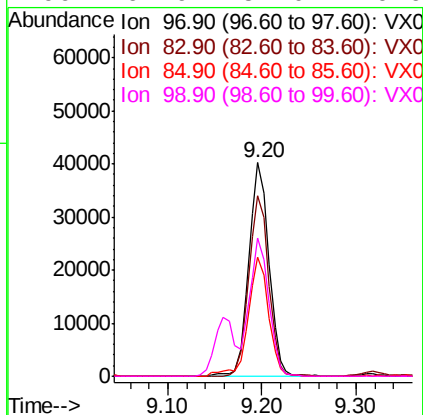
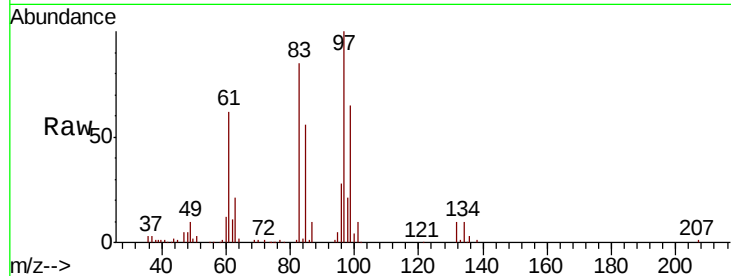




#55
 1,1,2-Trichloroethane
 Concen: 18.714 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX017315.D
 Acq: 09 Jul 2020 18:04

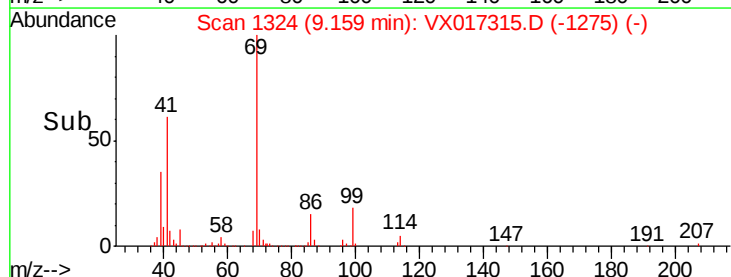
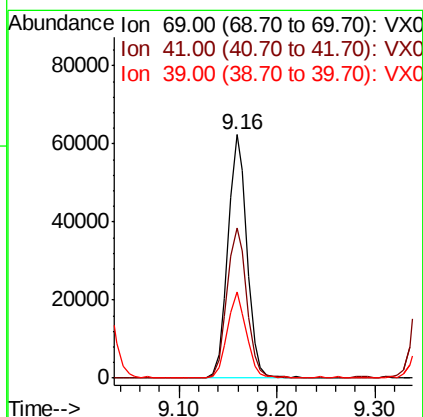
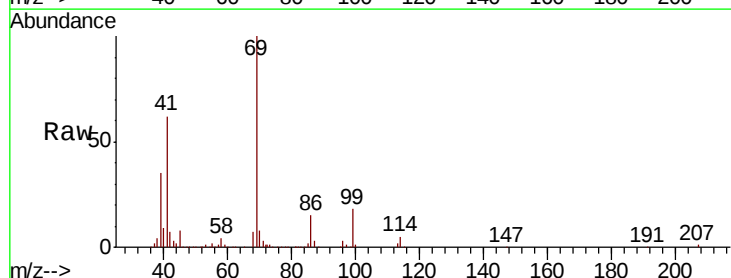
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0709WBSD02

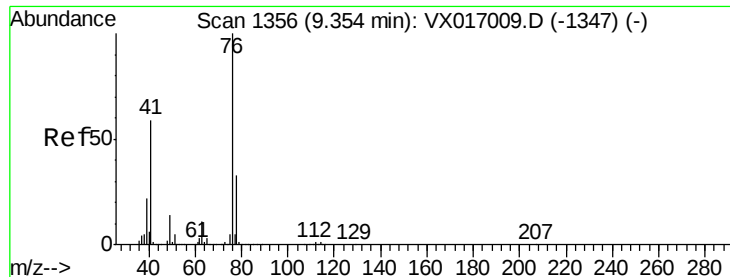
Tot Ion:	97	Resp:	59597
Ion	Ratio	Lower	Upper
97	100		
83	84.6	67.0	100.6
85	55.6	43.5	65.3
99	64.9	51.0	76.6



#56
 Ethyl methacrylate
 Concen: 18.645 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX017315.D
 Acq: 09 Jul 2020 18:04

Tgt Ion:	69	Resp:	84515
Ion	Ratio	Lower	Upper
69	100		
41	64.8	53.6	80.4
39	34.8	28.2	42.2





#57

1,3-Dichloropropane

Concen: 18.140 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX017315.D

Acq: 09 Jul 2020 18:04

Instrument :

MSVOA_X

ClientSampleId :

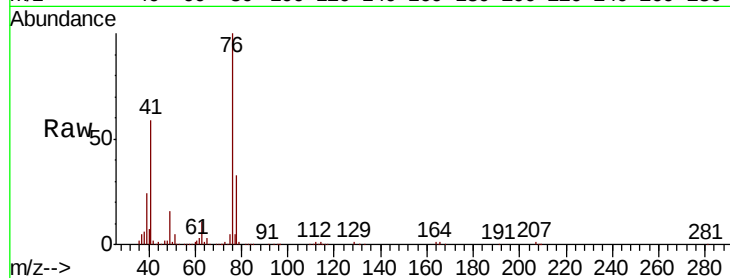
VX0709WBSD02

Tot Ion: 76 Resp: 97753

Ion Ratio Lower Upper

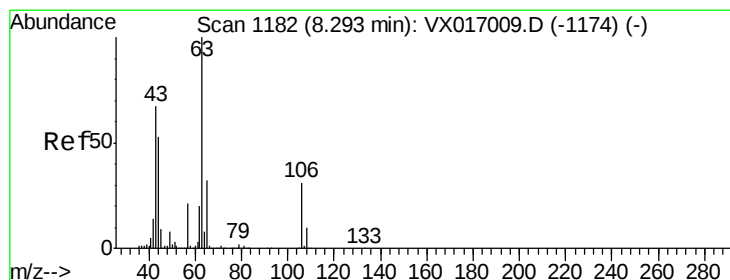
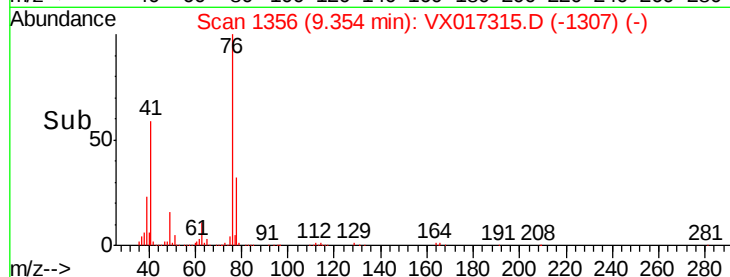
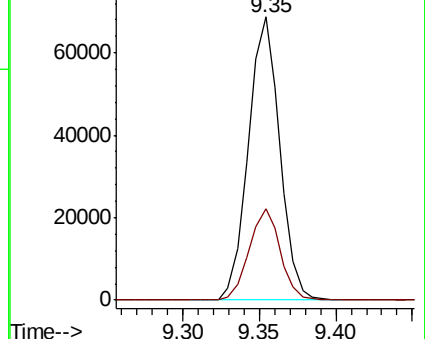
76 100

78 32.2 25.9 38.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 94.589 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX017315.D

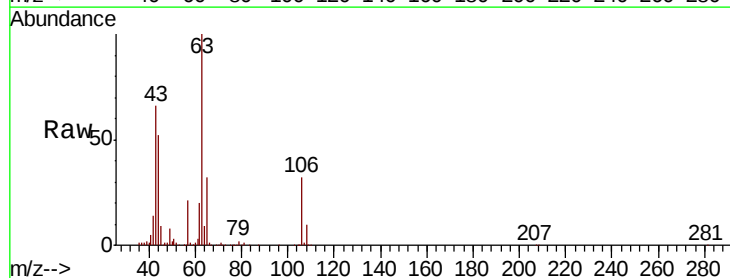
Acq: 09 Jul 2020 18:04

Tgt Ion: 63 Resp: 213387

Ion Ratio Lower Upper

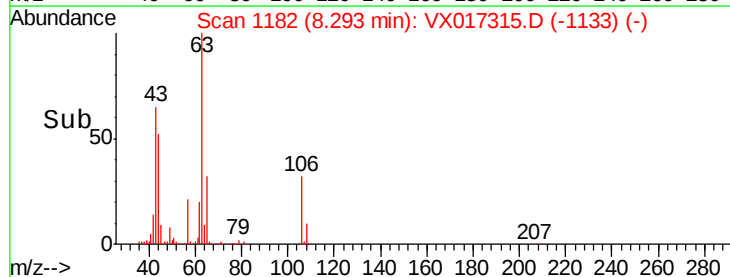
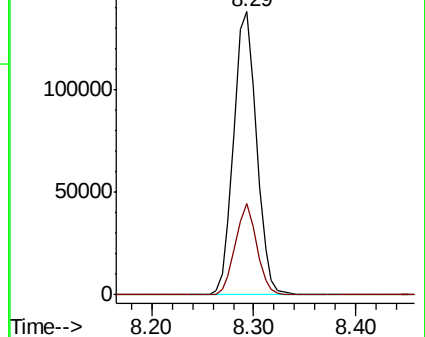
63 100

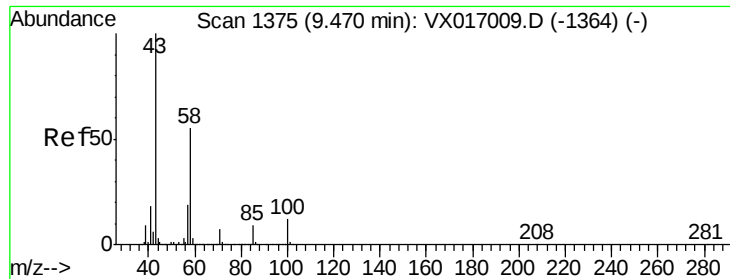
106 30.4 24.0 36.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

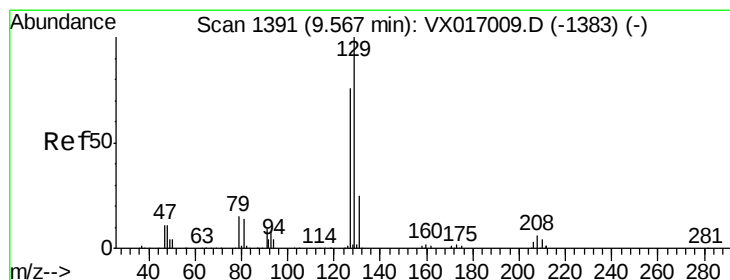
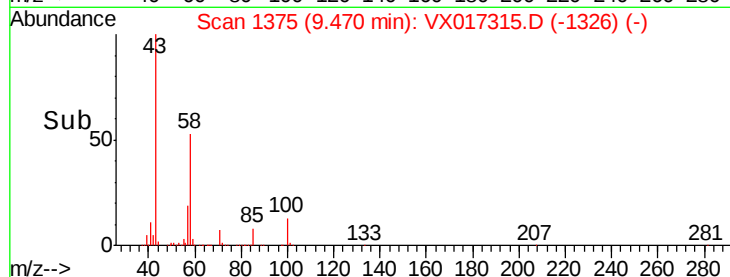
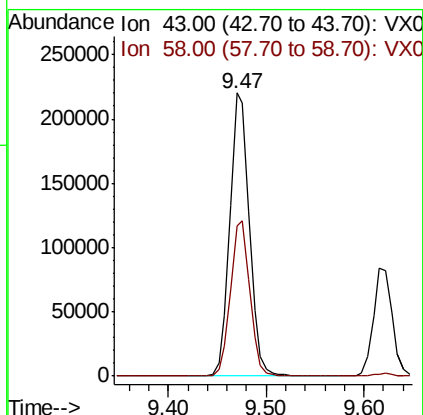
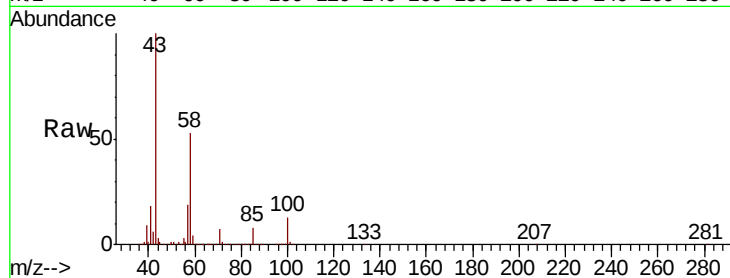




#59
2-Hexanone
Concen: 97.600 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX017315.D
Acq: 09 Jul 2020 18:04

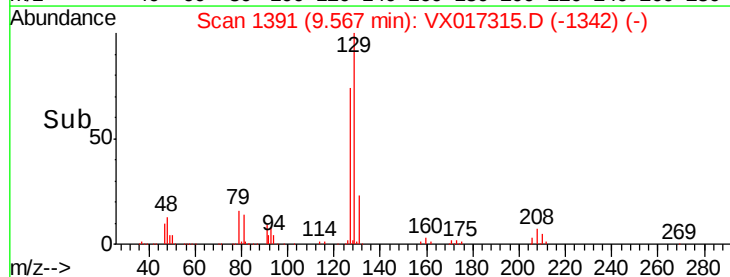
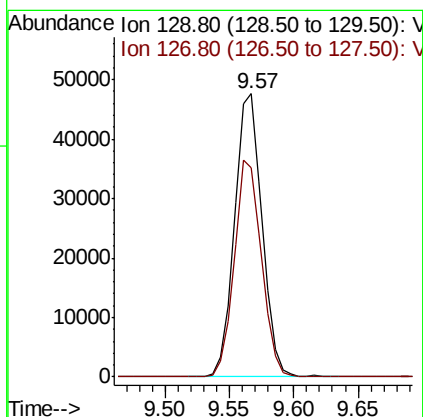
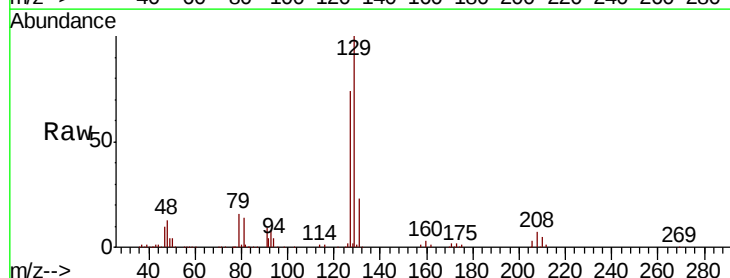
Instrument :
MSVOA_X
ClientSampleId :
VX0709WBSD02

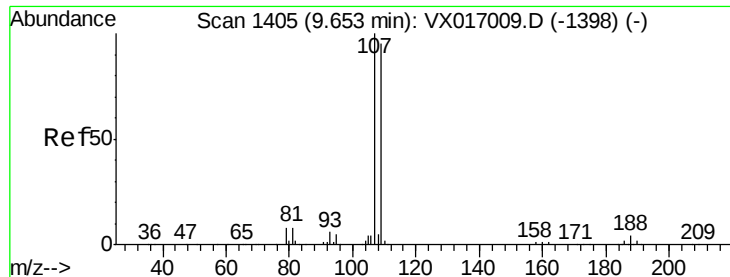
Tot Ion: 43 Resp: 304396
Ion Ratio Lower Upper
43 100
58 54.5 27.9 83.6



#60
Dibromochloromethane
Concen: 19.100 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX017315.D
Acq: 09 Jul 2020 18:04

Tgt Ion: 129 Resp: 70647
Ion Ratio Lower Upper
129 100
127 75.7 38.9 116.7





#61

1,2-Dibromoethane

Concen: 18.217 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX017315.D

Acq: 09 Jul 2020 18:04

Instrument :

MSVOA_X

ClientSampleId :

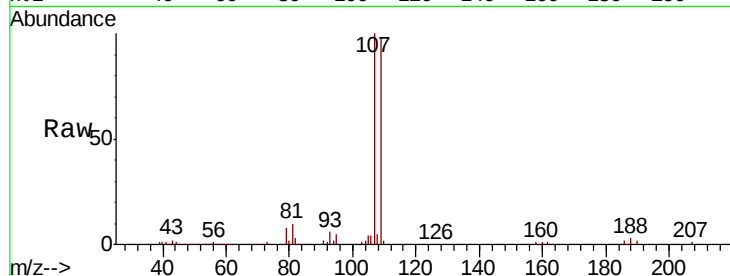
VX0709WBSD02

Tot Ion:107 Resp: 62360

Ion Ratio Lower Upper

107 100

109 96.2 75.8 113.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

50000

40000

30000

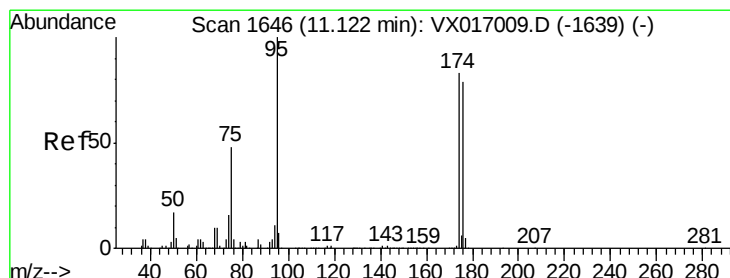
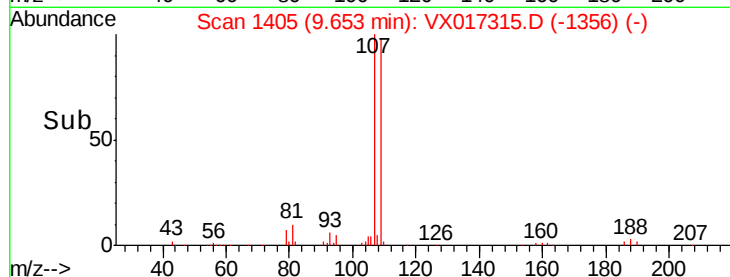
20000

10000

0

Time-->

9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 48.219 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017315.D

Acq: 09 Jul 2020 18:04

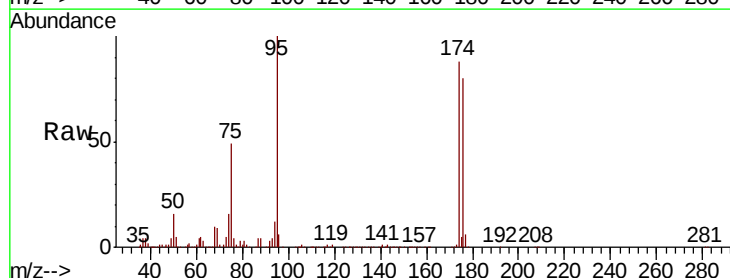
Tgt Ion: 95 Resp: 198224

Ion Ratio Lower Upper

95 100

174 85.7 0.0 164.0

176 80.3 0.0 157.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

200000

150000

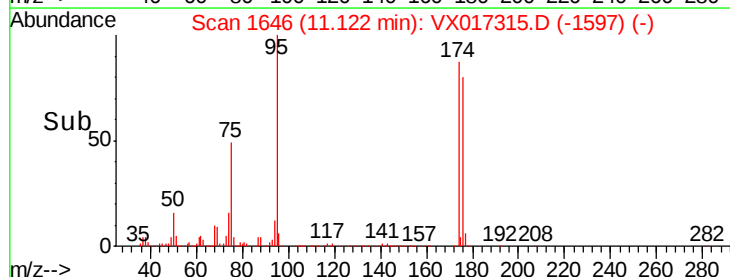
100000

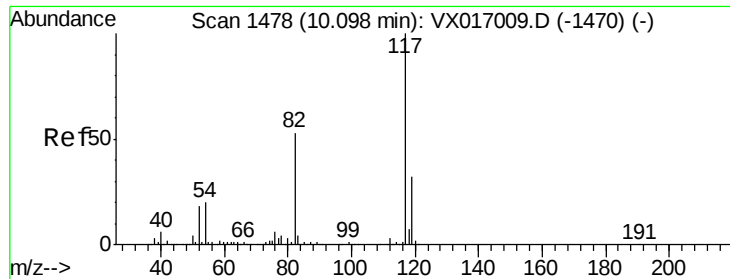
50000

0

Time-->

11.10 11.12 11.20

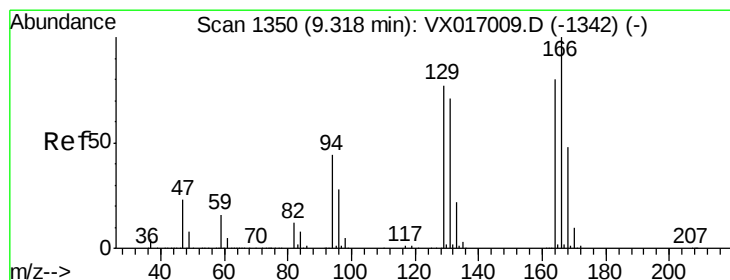
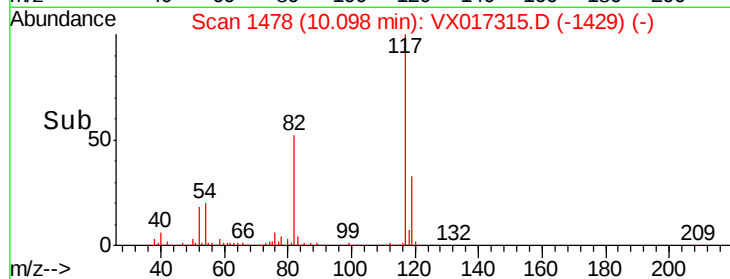
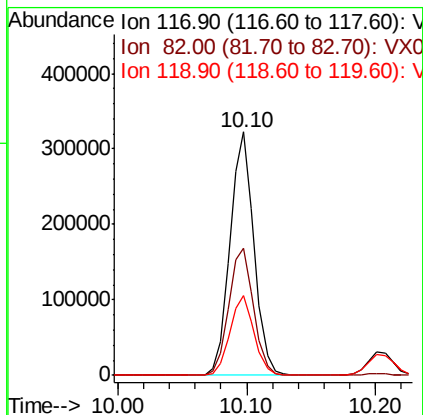
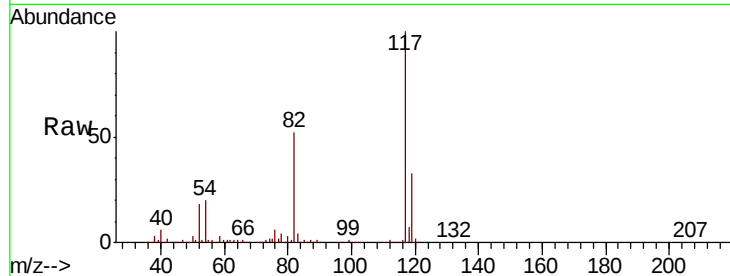




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017315.D
Acq: 09 Jul 2020 18:04

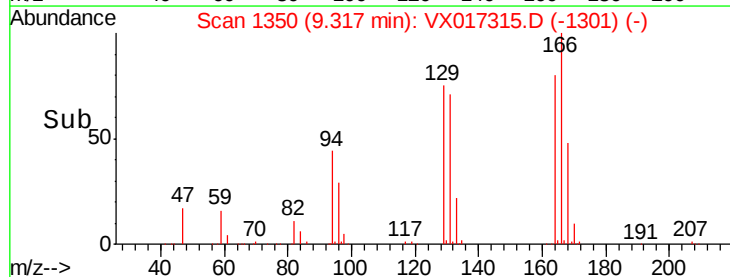
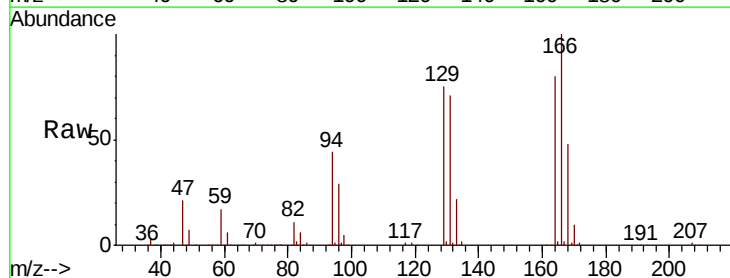
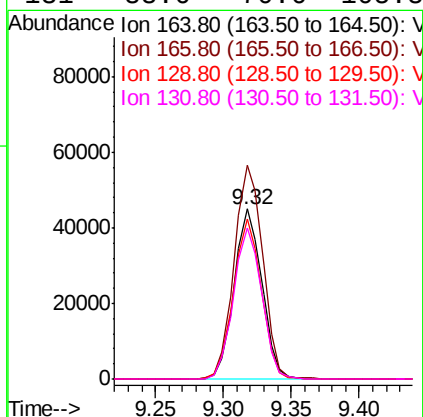
Instrument :
MSVOA_X
ClientSampleId :
VX0709WBSD02

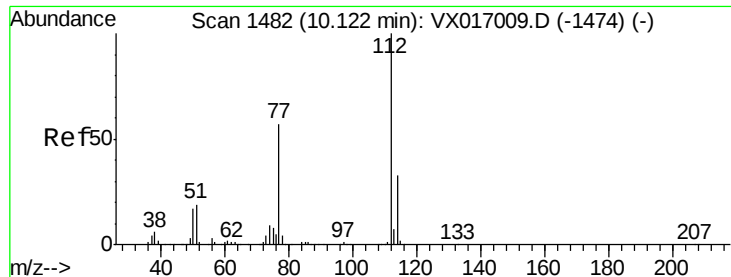
Tot Ion	Ratio	Lower	Upper
117	100		
82	52.4	42.6	63.8
119	32.8	25.4	38.2



#64
Tetrachloroethene
Concen: 18.886 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX017315.D
Acq: 09 Jul 2020 18:04

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.7	99.4	149.0
129	94.1	76.3	114.5
131	88.6	70.6	105.8

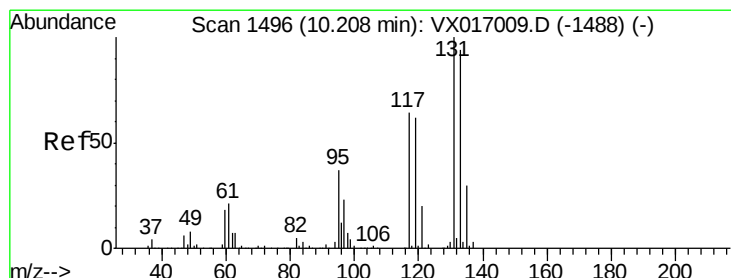
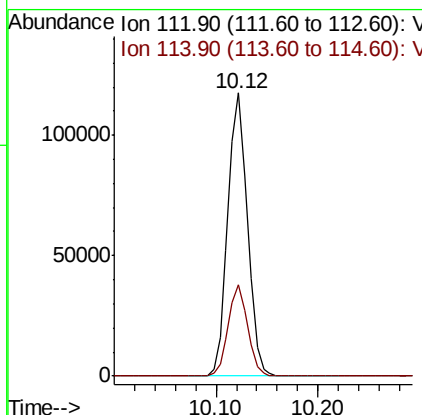
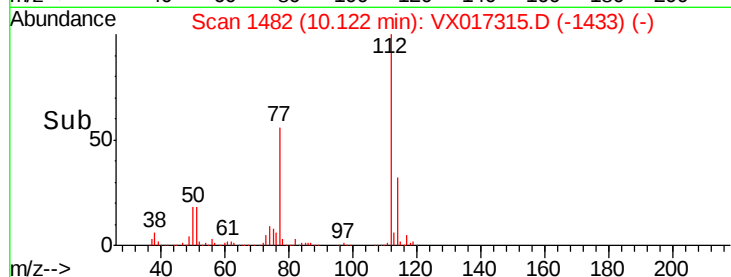
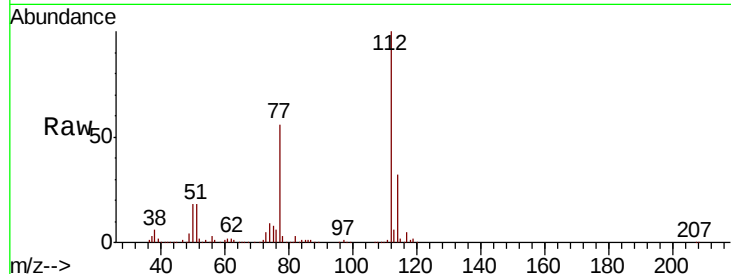




#65
Chlorobenzene
Concen: 18.046 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX017315.D
Acq: 09 Jul 2020 18:04

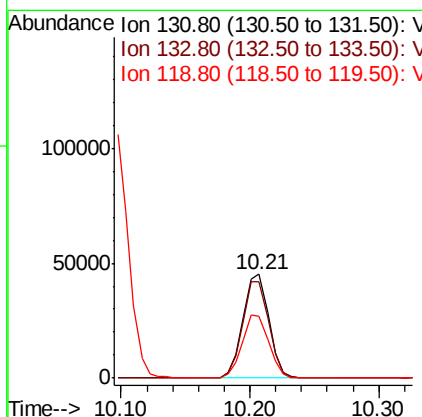
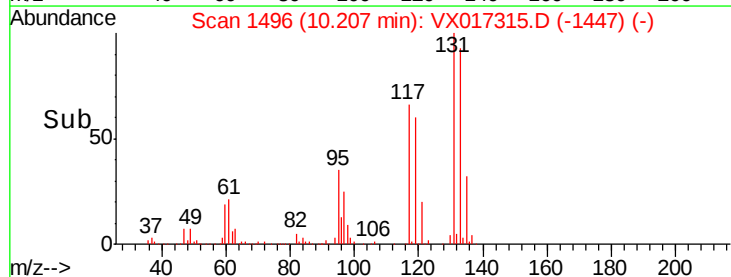
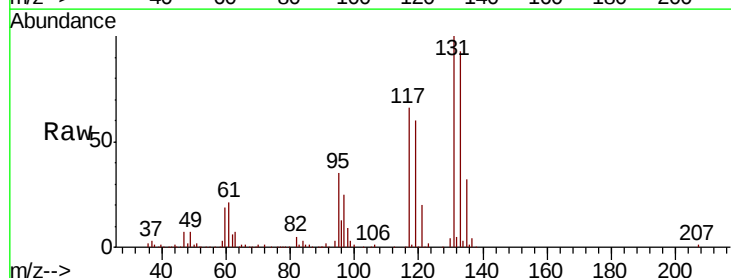
Instrument :
MSVOA_X
ClientSampleId :
VX0709WBSD02

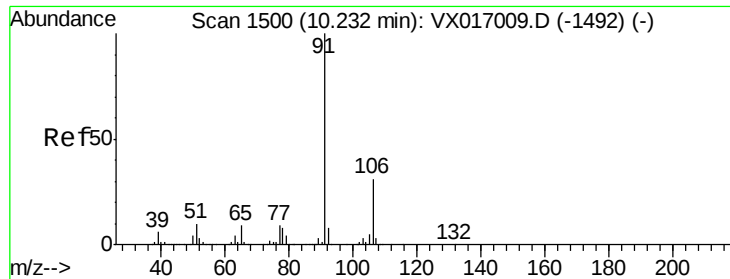
Tot Ion:112 Resp: 156506
Ion Ratio Lower Upper
112 100
114 32.4 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 18.757 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. -0.00 min
Lab File: VX017315.D
Acq: 09 Jul 2020 18:04

Tgt Ion:131 Resp: 62692
Ion Ratio Lower Upper
131 100
133 94.8 47.3 141.9
119 62.9 31.9 95.5





#67

Ethyl Benzene

Concen: 18.030 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. 0.01 min

Lab File: VX017315.D

Acq: 09 Jul 2020 18:04

Instrument :

MSVOA_X

ClientSampleId :

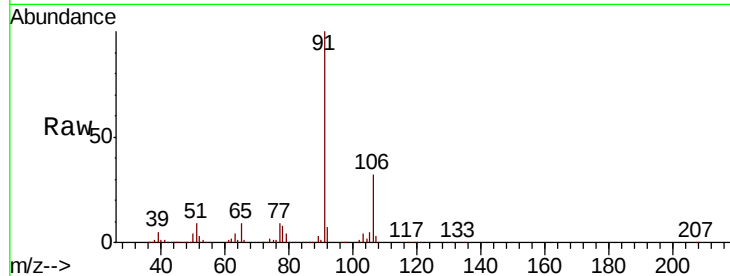
VX0709WBSD02

Tot Ion: 91 Resp: 261132

Ion Ratio Lower Upper

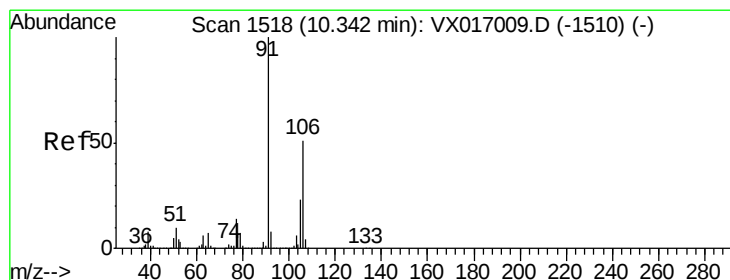
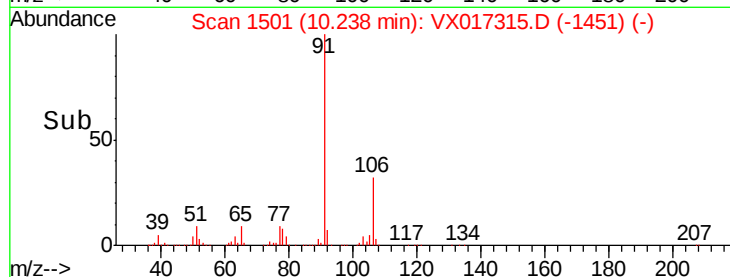
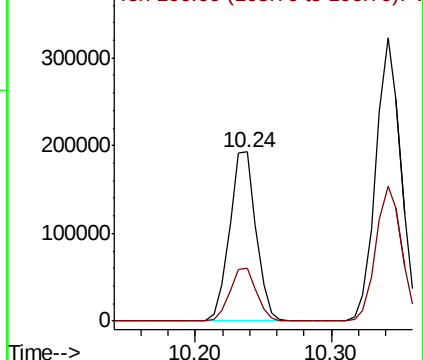
91 100

106 31.7 24.7 37.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 36.303 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX017315.D

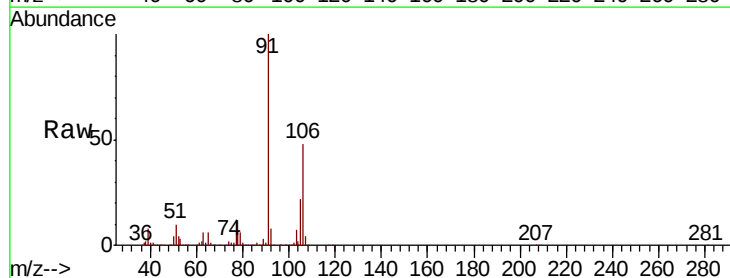
Acq: 09 Jul 2020 18:04

Tgt Ion: 106 Resp: 201892

Ion Ratio Lower Upper

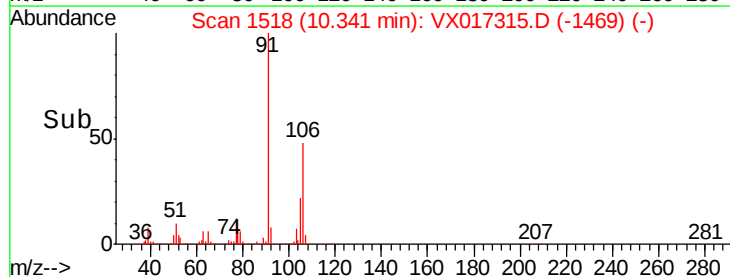
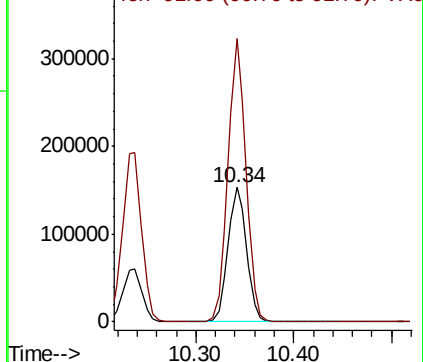
106 100

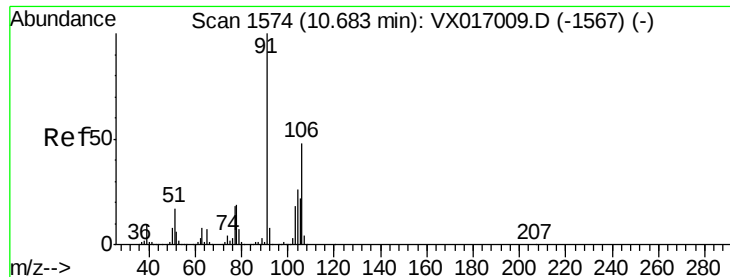
91 203.6 158.6 238.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

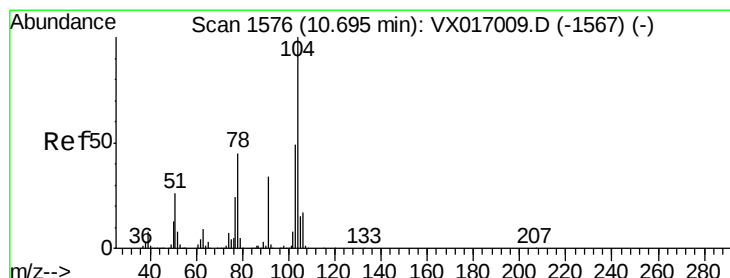
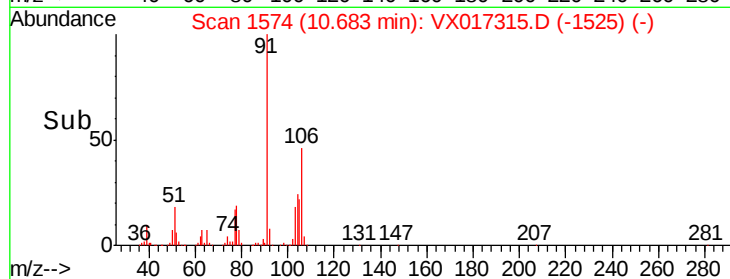
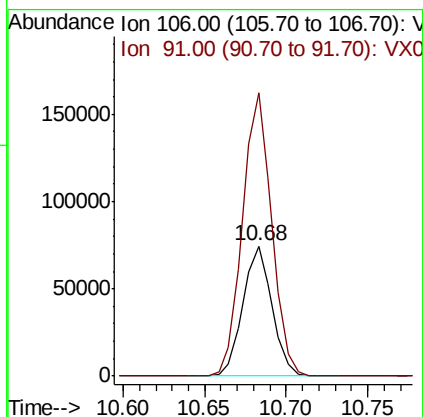
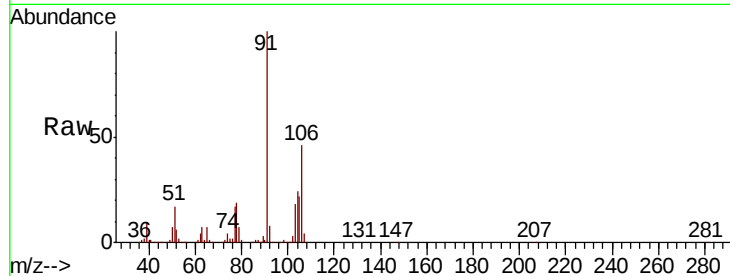




#69
o-Xylene
Concen: 17.558 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017315.D
Acq: 09 Jul 2020 18:04

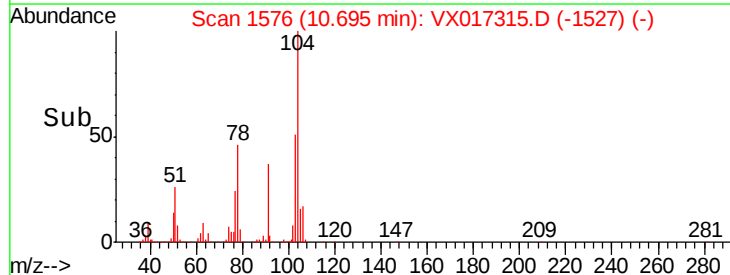
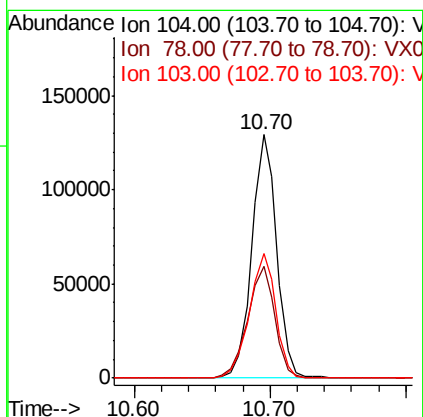
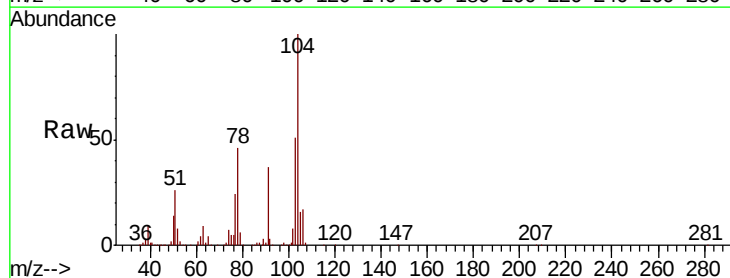
Instrument :
MSVOA_X
ClientSampleId :
VX0709WBSD02

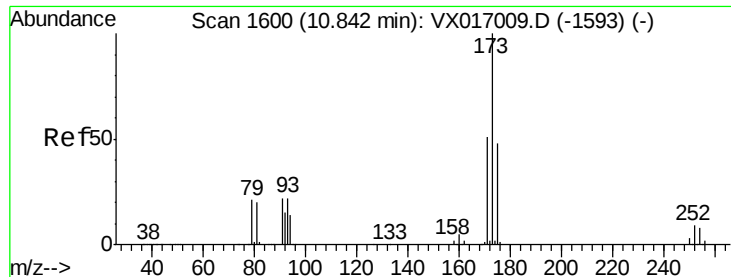
Tot Ion:106 Resp: 92887
Ion Ratio Lower Upper
106 100
91 218.7 105.6 316.7



#70
Styrene
Concen: 18.405 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX017315.D
Acq: 09 Jul 2020 18:04

Tgt Ion:104 Resp: 165810
Ion Ratio Lower Upper
104 100
78 50.4 39.5 59.3
103 54.8 43.0 64.6





#71

Bromoform

Concen: 20.016 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX017315.D

Acq: 09 Jul 2020 18:04

Instrument :

MSVOA_X

ClientSampleId :

VX0709WBSD02

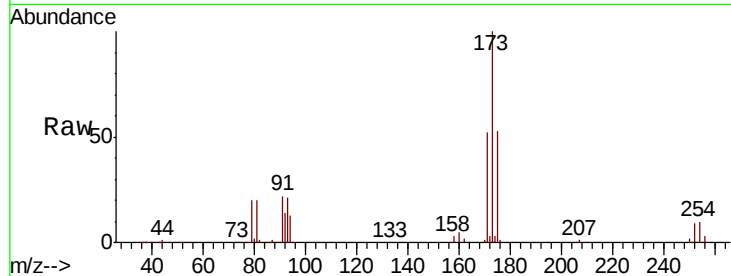
Tot Ion:173 Resp: 53053

Ion Ratio Lower Upper

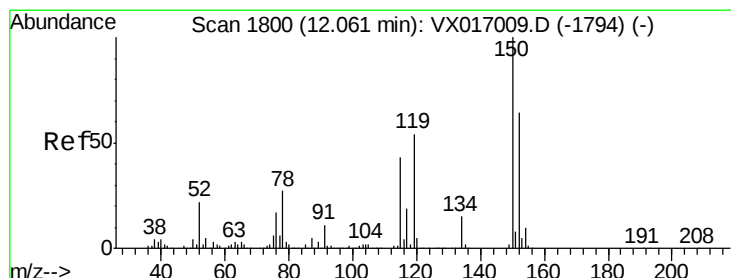
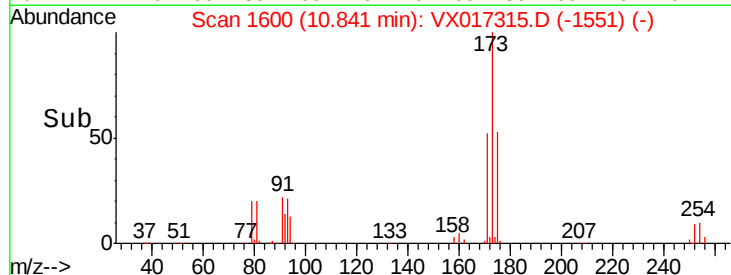
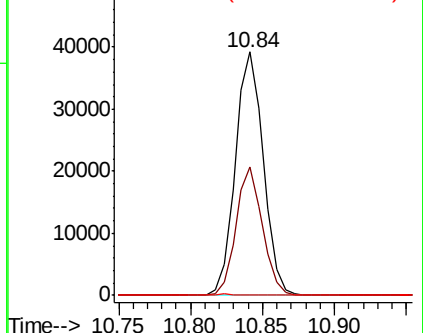
173 100

175 49.8 24.5 73.5

254 0.1 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX017315.D

Acq: 09 Jul 2020 18:04

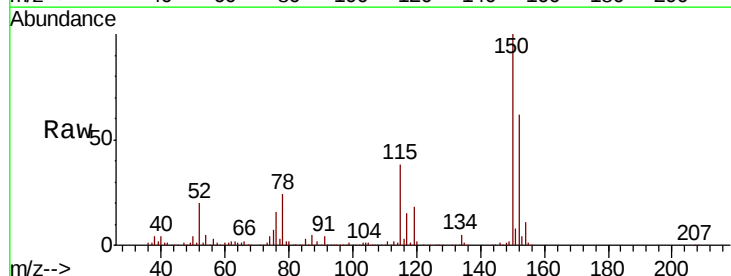
Tgt Ion:152 Resp: 228212

Ion Ratio Lower Upper

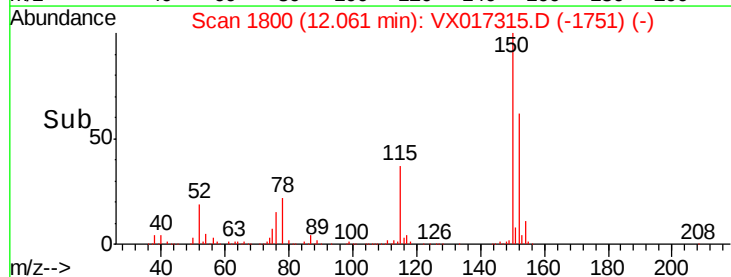
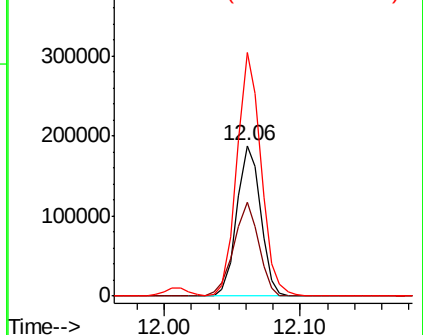
152 100

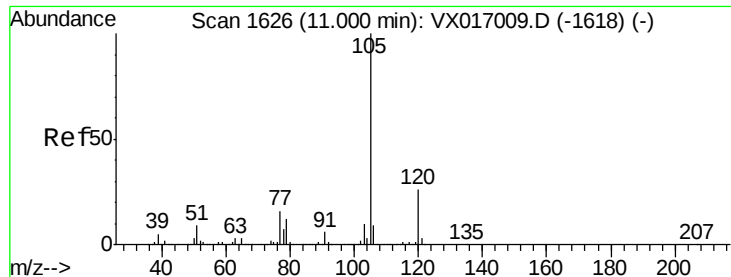
115 65.6 40.9 122.7

150 164.8 0.0 351.6



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 17.789 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX017315.D

Acq: 09 Jul 2020 18:04

Instrument :

MSVOA_X

ClientSampleId :

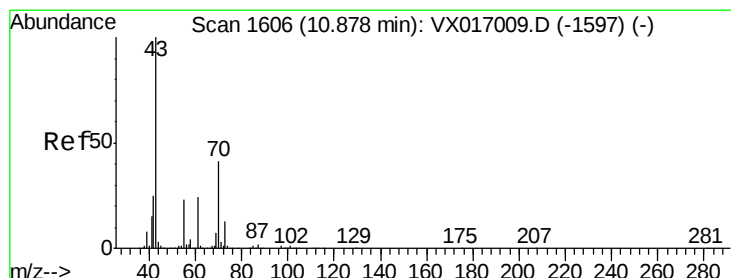
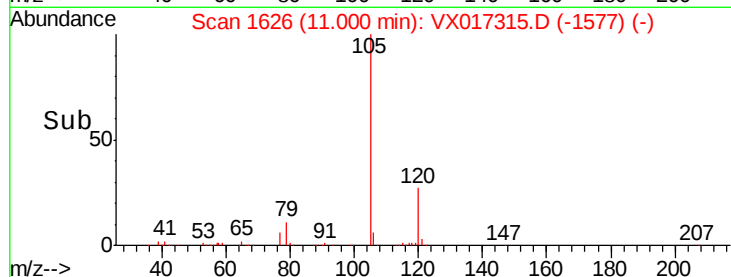
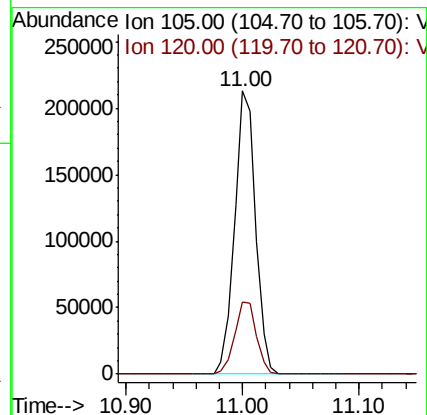
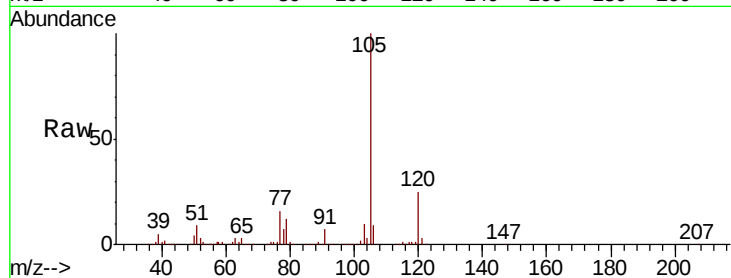
VX0709WBSD02

Tot Ion:105 Resp: 265909

Ion Ratio Lower Upper

105 100

120 26.5 13.4 40.2



#74

N-ethyl acetate

Concen: 16.901 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX017315.D

Acq: 09 Jul 2020 18:04

Tgt Ion: 43 Resp: 107801

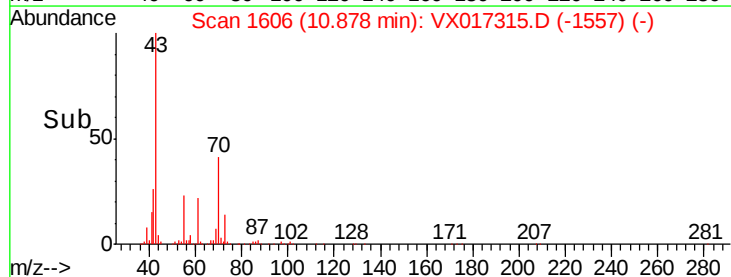
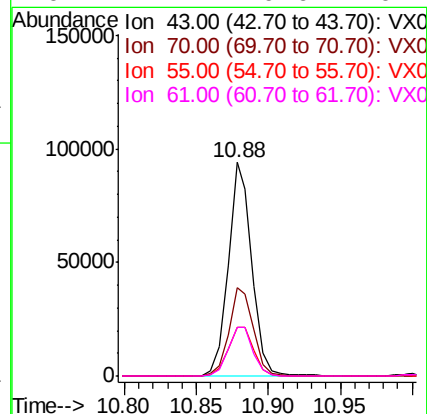
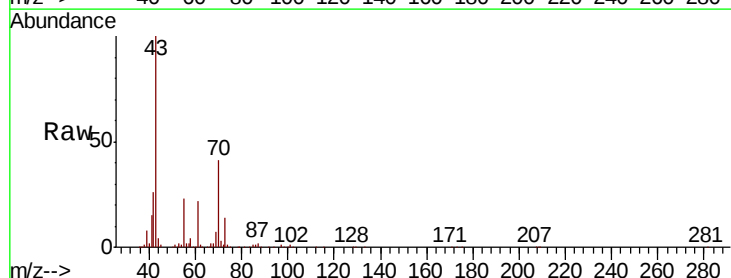
Ion Ratio Lower Upper

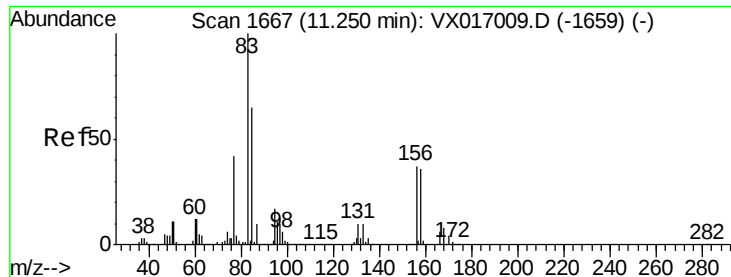
43 100

70 43.2 34.2 51.2

55 25.3 19.2 28.8

61 24.1 19.6 29.4





#75

1,1,2,2-Tetrachloroethane

Concen: 17.940 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX017315.D

Acq: 09 Jul 2020 18:04

Instrument :

MSVOA_X

ClientSampleId :

VX0709WBSD02

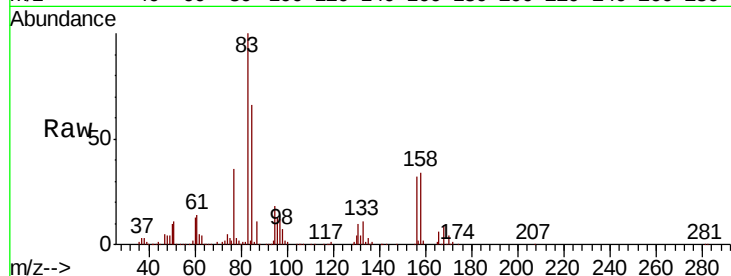
Tot Ion: 83 Resp: 84356

Ion Ratio Lower Upper

83 100

131 11.0 5.4 16.2

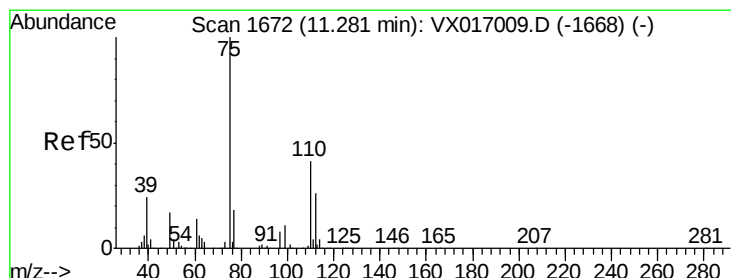
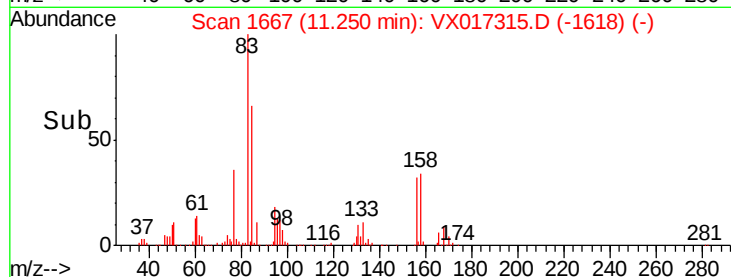
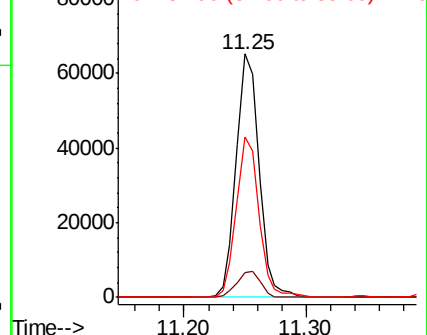
85 65.1 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 23.504 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX017315.D

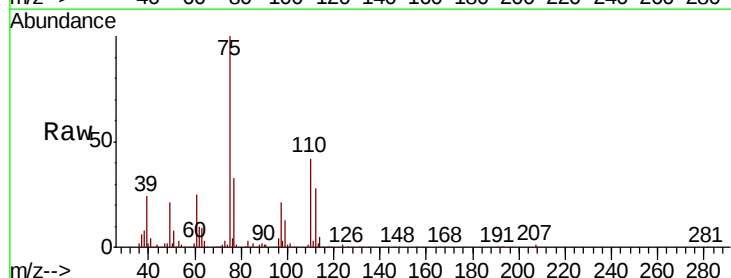
Acq: 09 Jul 2020 18:04

Tgt Ion: 75 Resp: 105479

Ion Ratio Lower Upper

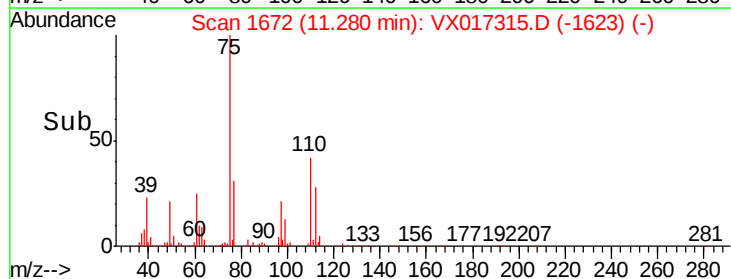
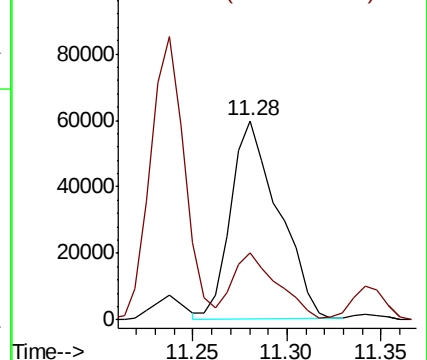
75 100

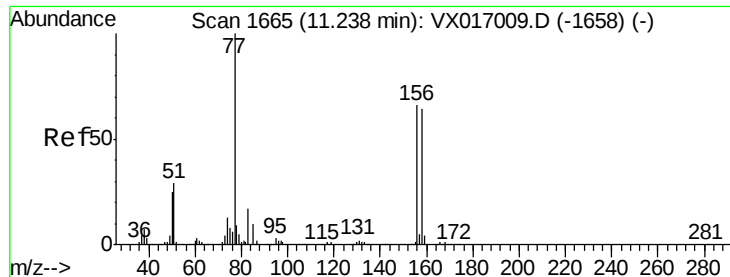
77 31.9 20.2 60.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 17.992 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX017315.D

Acq: 09 Jul 2020 18:04

Instrument :

MSVOA_X

ClientSampleId :

VX0709WBSD02

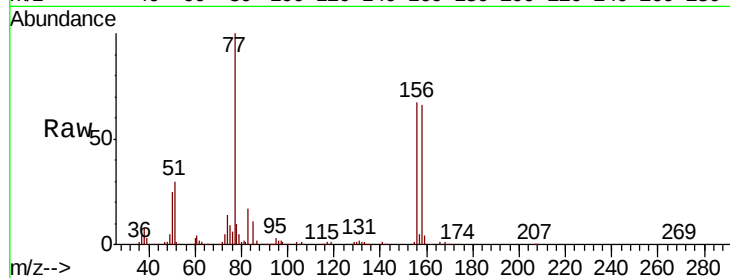
Tot Ion:156 Resp: 73917

Ion Ratio Lower Upper

156 100

77 146.0 76.9 230.7

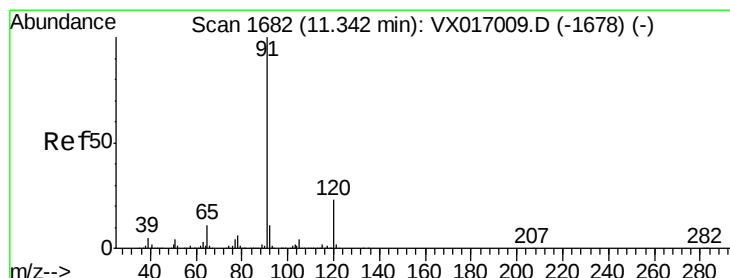
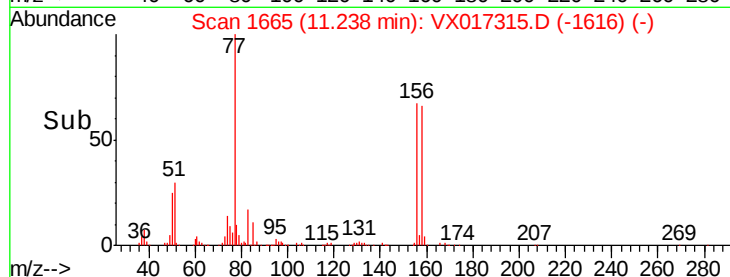
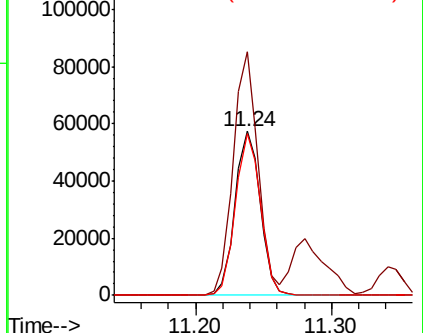
158 97.9 47.9 143.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 17.617 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX017315.D

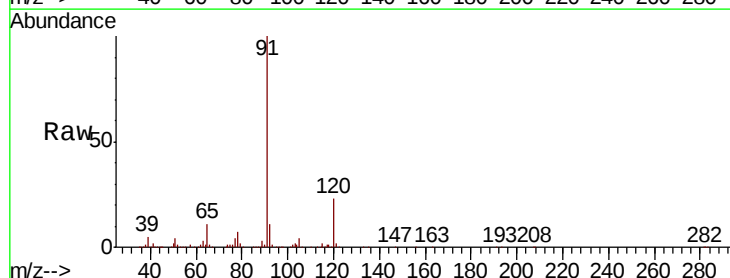
Acq: 09 Jul 2020 18:04

Tgt Ion: 91 Resp: 297788

Ion Ratio Lower Upper

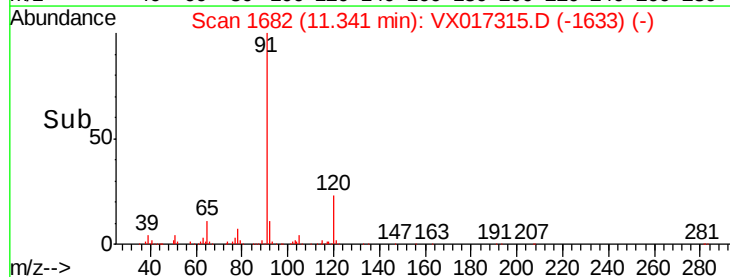
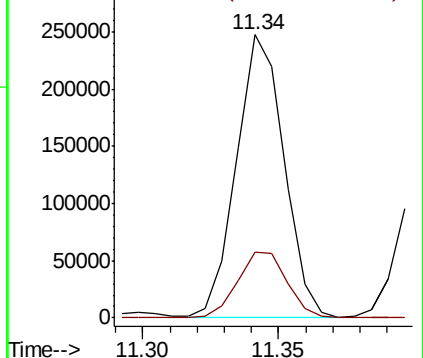
91 100

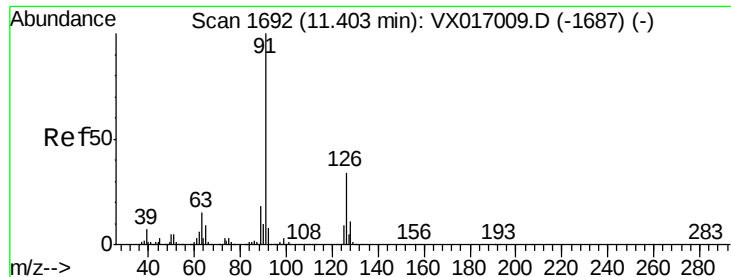
120 24.3 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 17.423 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX017315.D

Acq: 09 Jul 2020 18:04

Instrument :

MSVOA_X

ClientSampleId :

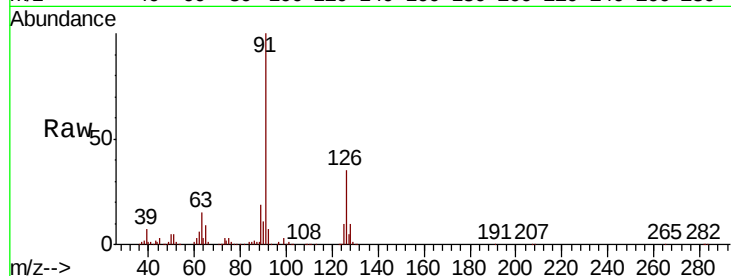
VX0709WBSD02

Tot Ion: 91 Resp: 178242

Ion Ratio Lower Upper

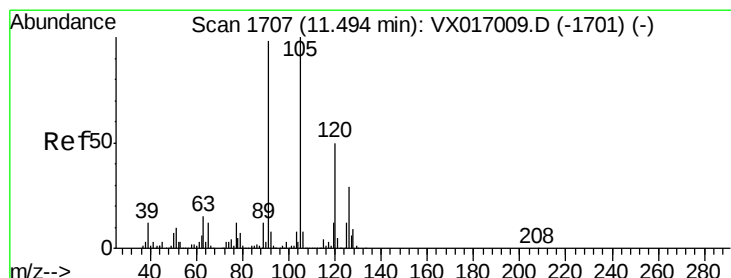
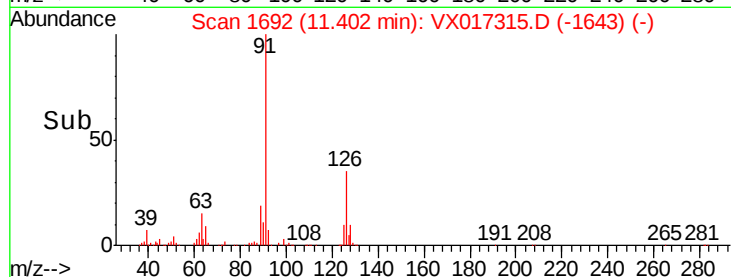
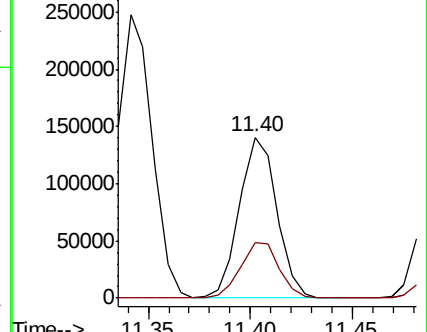
91 100

126 35.7 17.4 52.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 18.292 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX017315.D

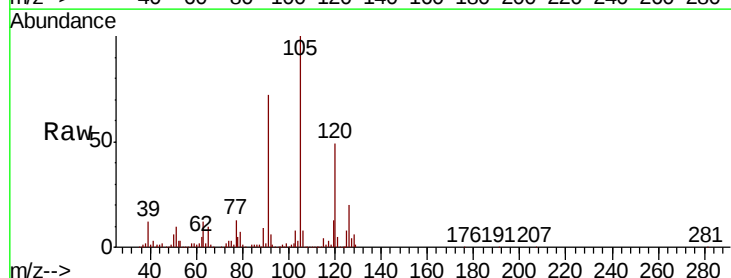
Acq: 09 Jul 2020 18:04

Tgt Ion:105 Resp: 226804

Ion Ratio Lower Upper

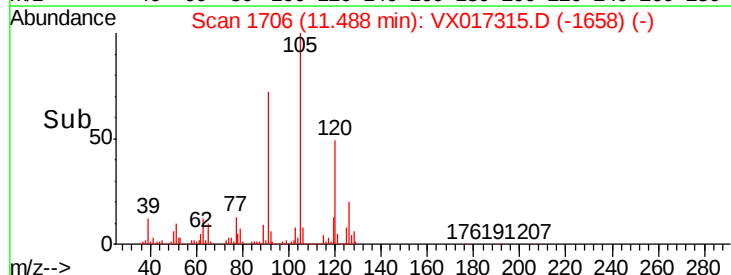
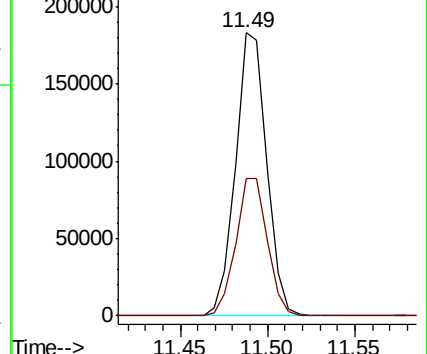
105 100

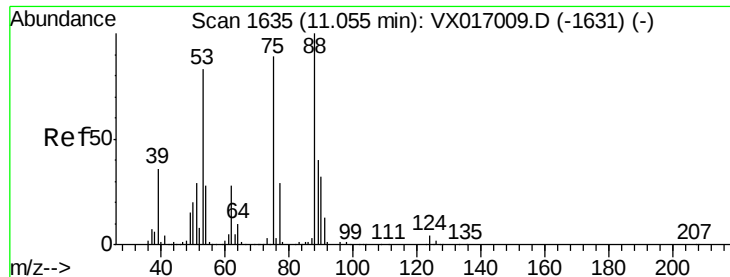
120 49.2 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 17.020 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.01 min

Lab File: VX017315.D

Acq: 09 Jul 2020 18:04

Instrument :

MSVOA_X

ClientSampleId :

VX0709WBSD02

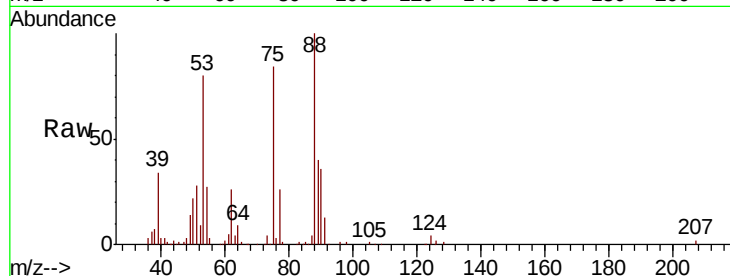
Tot Ion: 75 Resp: 29495

Ion Ratio Lower Upper

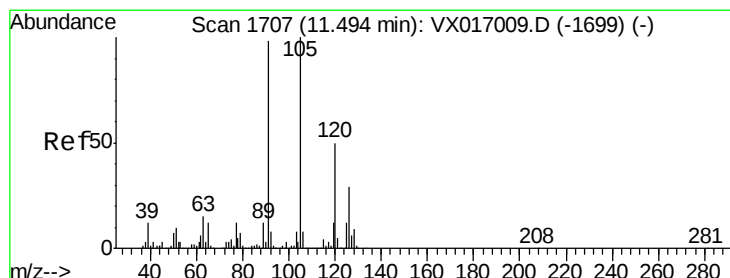
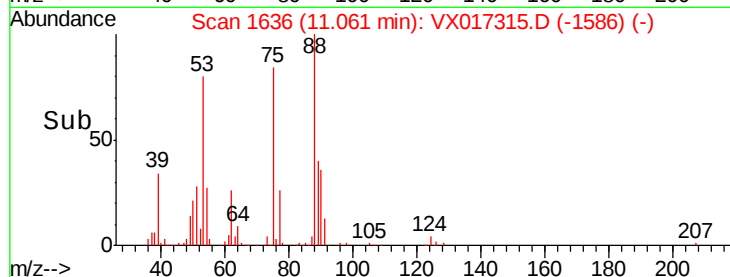
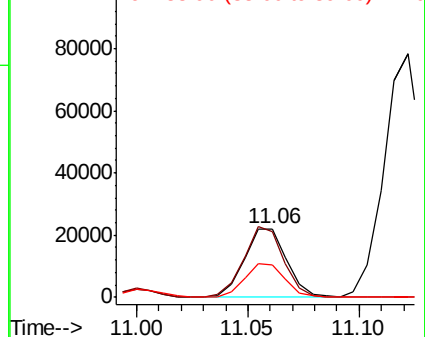
75 100

53 96.3 72.4 108.6

89 47.8 37.0 55.4



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 17.995 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX017315.D

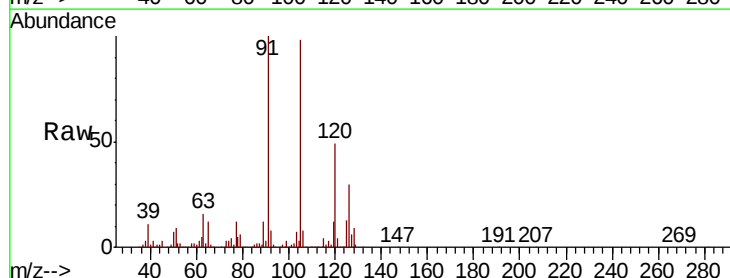
Acq: 09 Jul 2020 18:04

Tgt Ion: 91 Resp: 220081

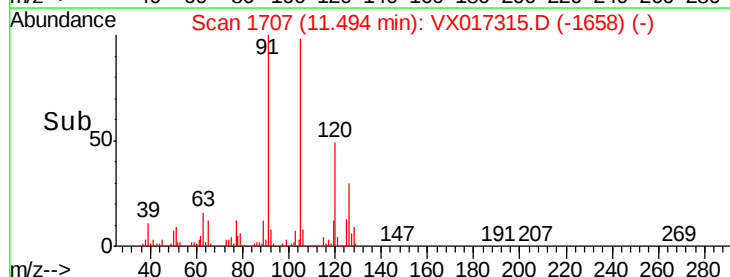
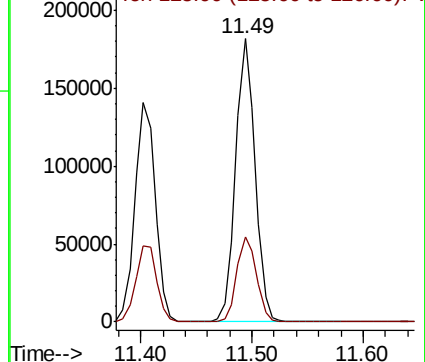
Ion Ratio Lower Upper

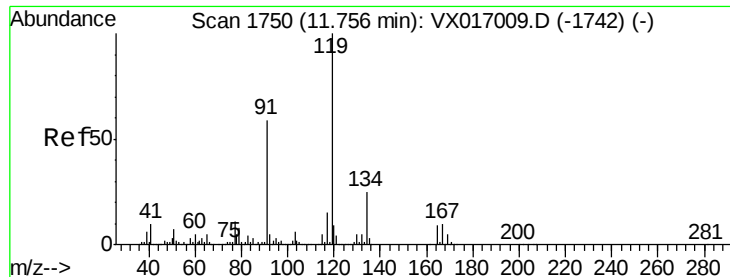
91 100

126 30.7 15.2 45.5



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V

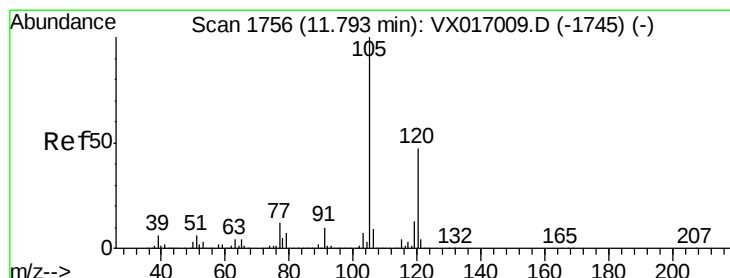
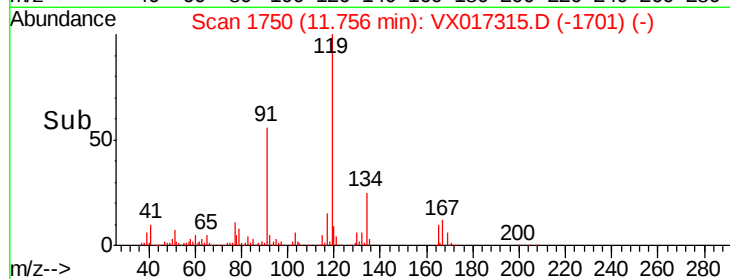
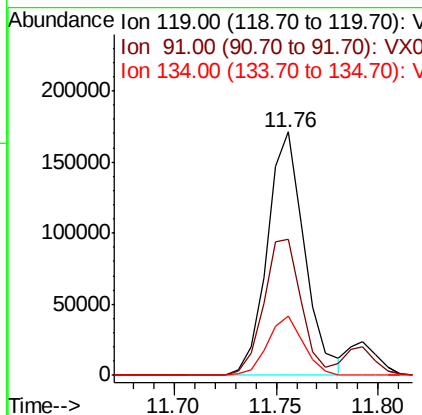
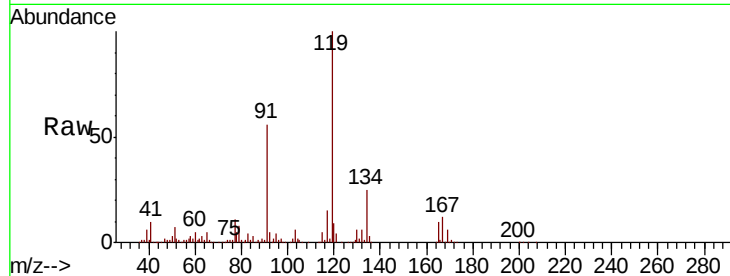




#83
 tert-Butylbenzene
 Concen: 17.854 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX017315.D
 Acq: 09 Jul 2020 18:04

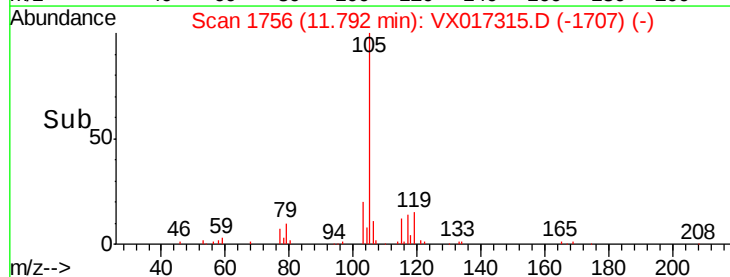
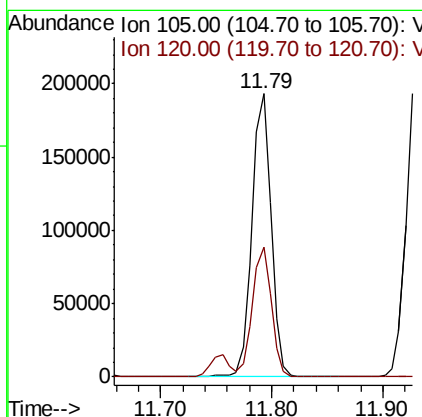
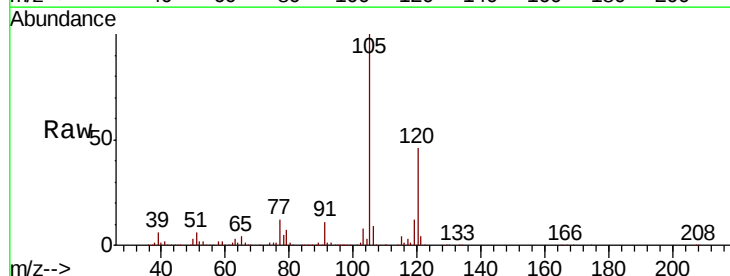
Instrument :
 MSVOA_X
 ClientSampleID :
 VX0709WBSD02

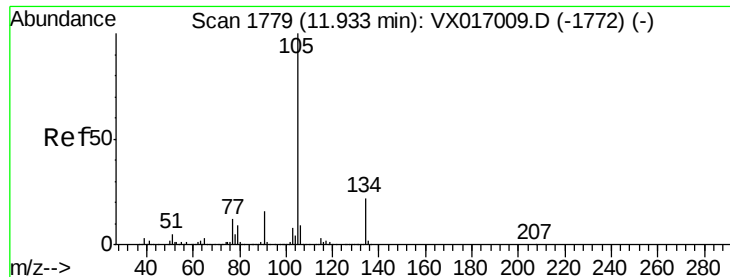
Tot Ion:119 Resp: 217306
 Ion Ratio Lower Upper
 119 100
 91 56.2 28.3 84.9
 134 23.3 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 18.400 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX017315.D
 Acq: 09 Jul 2020 18:04

Tgt Ion:105 Resp: 231454
 Ion Ratio Lower Upper
 105 100
 120 45.5 22.9 68.5





#85

sec-Butylbenzene

Concen: 17.458 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX017315.D

Acq: 09 Jul 2020 18:04

Instrument :

MSVOA_X

ClientSampleId :

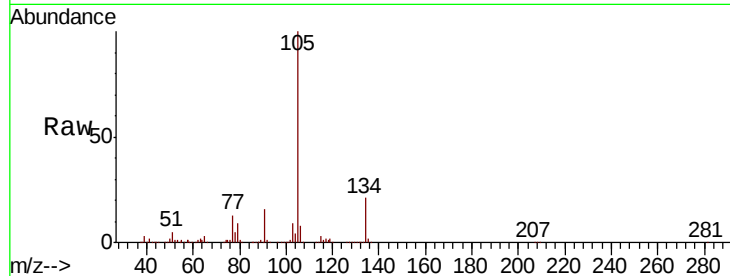
VX0709WBSD02

Tot Ion:105 Resp: 249776

Ion Ratio Lower Upper

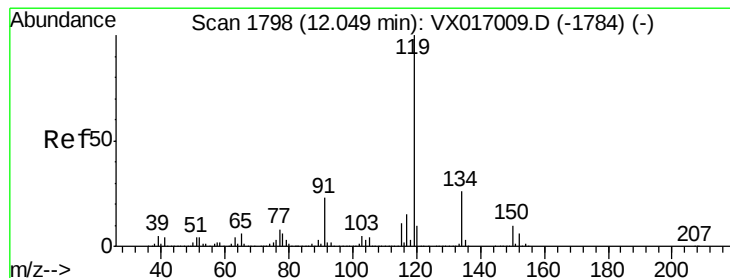
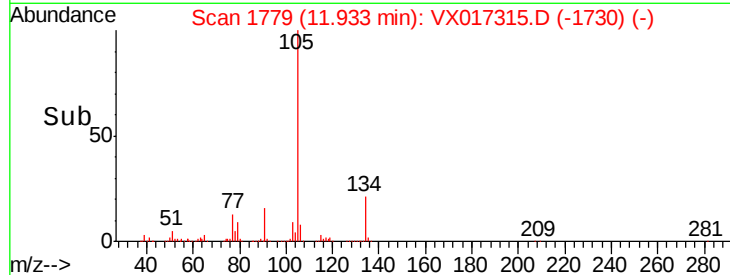
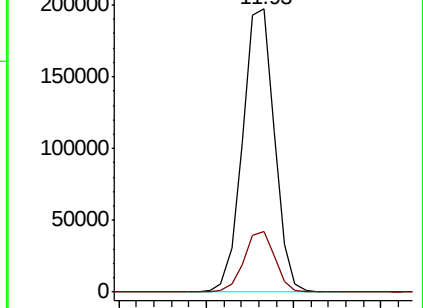
105 100

134 20.9 10.5 31.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 18.019 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX017315.D

Acq: 09 Jul 2020 18:04

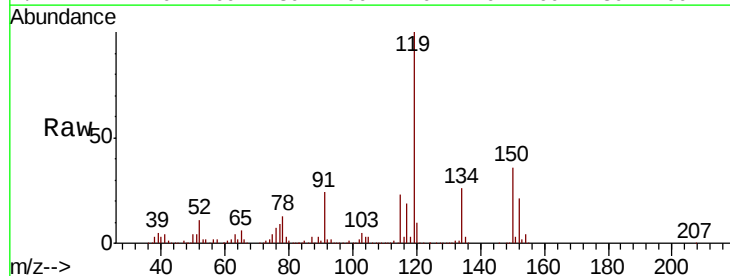
Tgt Ion:119 Resp: 240000

Ion Ratio Lower Upper

119 100

134 26.8 13.2 39.5

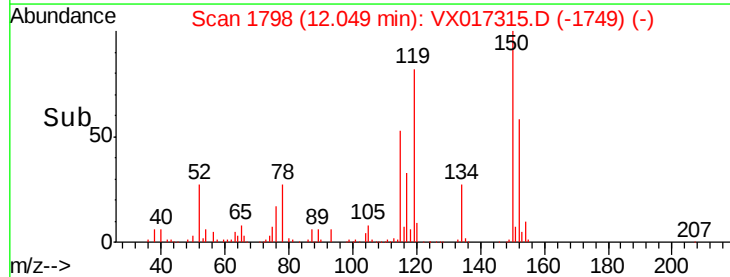
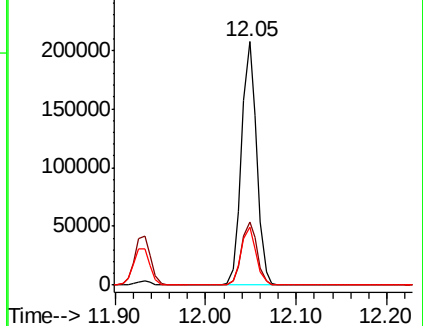
91 23.7 11.8 35.4

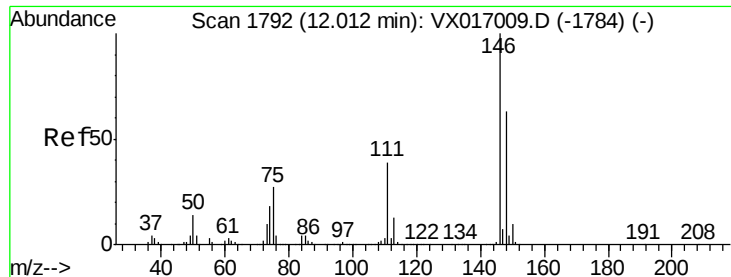


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 17.860 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX017315.D

Acq: 09 Jul 2020 18:04

Instrument :

MSVOA_X

ClientSampleId :

VX0709WBSD02

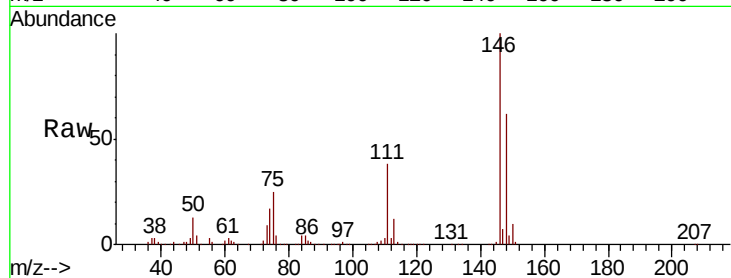
Tot Ion:146 Resp: 133265

Ion Ratio Lower Upper

146 100

111 38.6 20.4 61.2

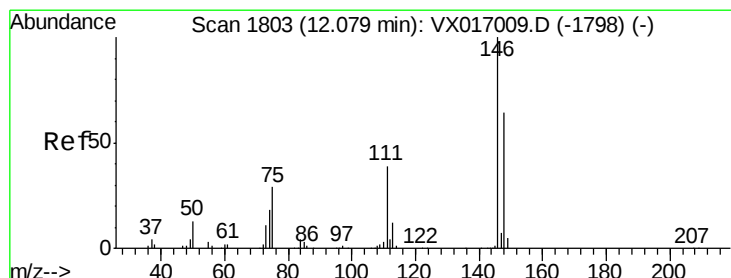
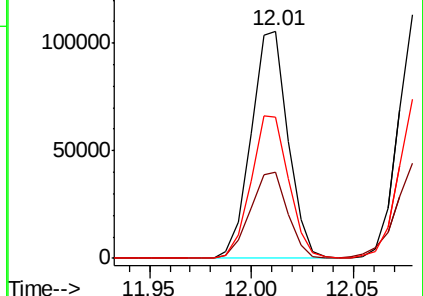
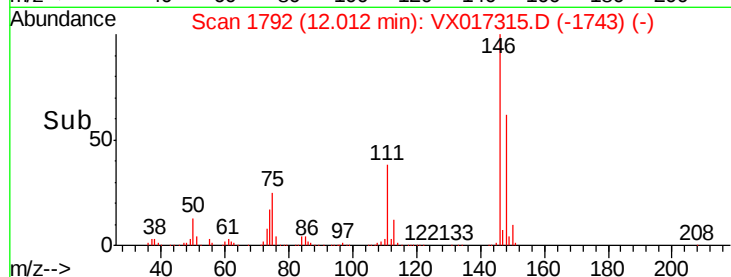
148 63.9 32.5 97.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 19.338 ug/l

RT: 12.08 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VX017315.D

Acq: 09 Jul 2020 18:04

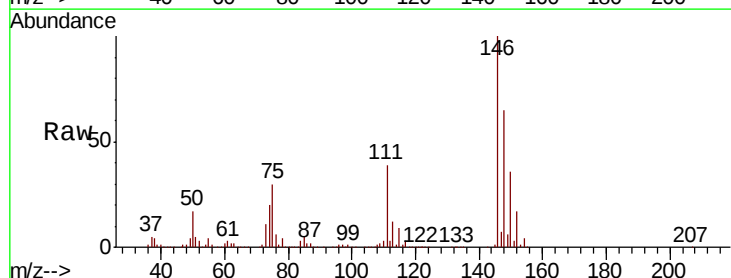
Tgt Ion:146 Resp: 136902

Ion Ratio Lower Upper

146 100

111 39.7 19.5 58.5

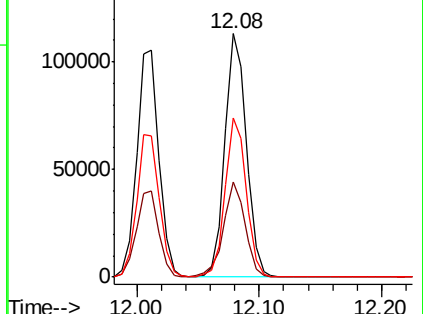
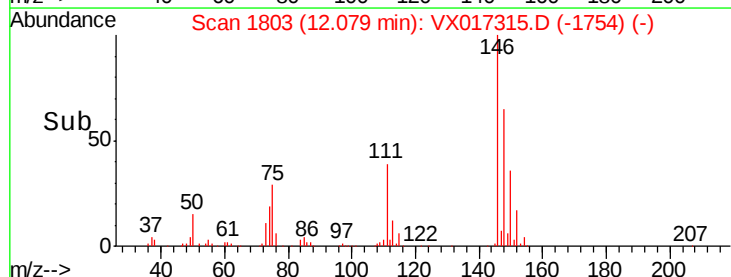
148 64.1 31.9 95.7

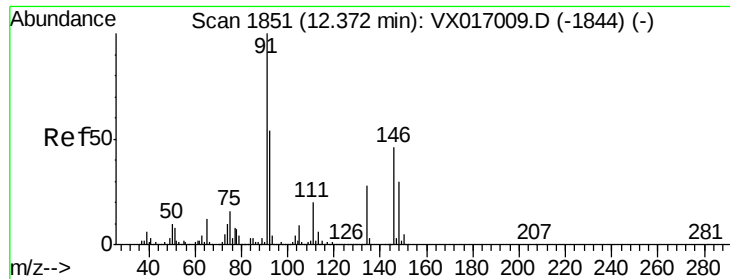


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 17.049 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.00 min

Lab File: VX017315.D

Acq: 09 Jul 2020 18:04

Instrument :

MSVOA_X

ClientSampleId :

VX0709WBSD02

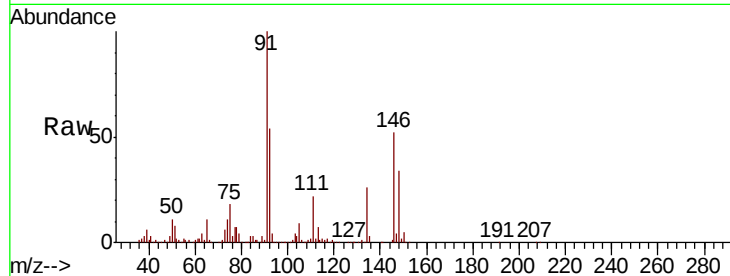
Tot Ion: 91 Resp: 202755

Ion Ratio Lower Upper

91 100

92 53.6 27.2 81.6

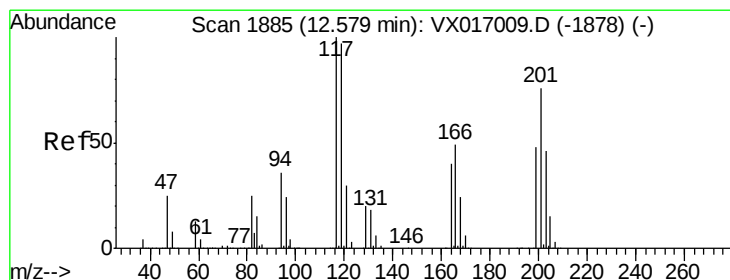
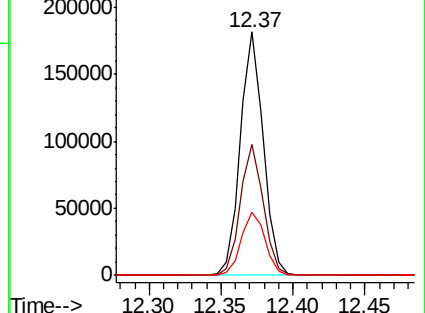
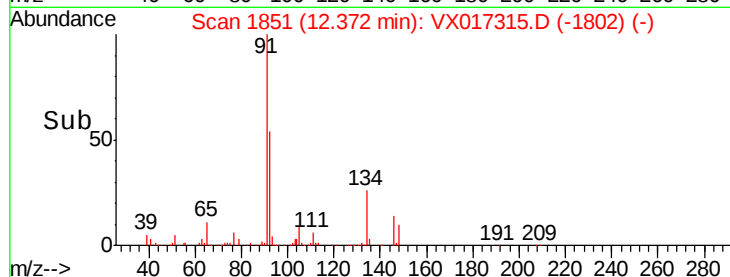
134 26.8 13.6 40.7



Abundance Ion 91.00 (90.70 to 91.70): VX017315.D

Ion 92.00 (91.70 to 92.70): VX017315.D

Ion 134.00 (133.70 to 134.70): VX017315.D



#90

Hexachloroethane

Concen: 17.646 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX017315.D

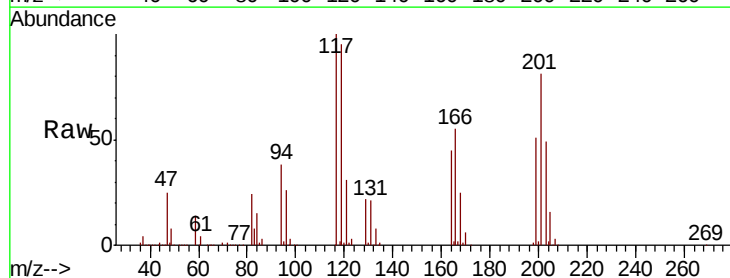
Acq: 09 Jul 2020 18:04

Tgt Ion: 117 Resp: 46348

Ion Ratio Lower Upper

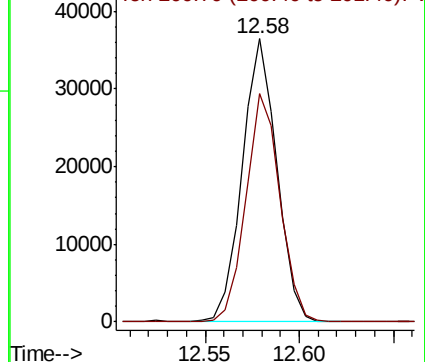
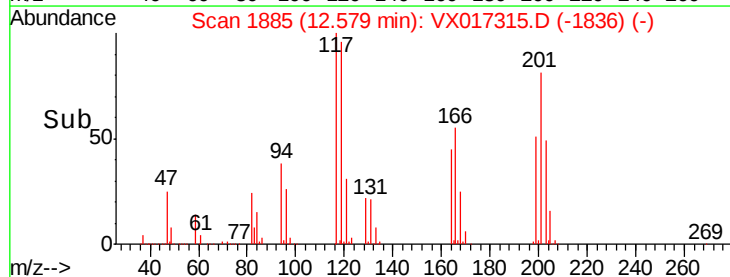
117 100

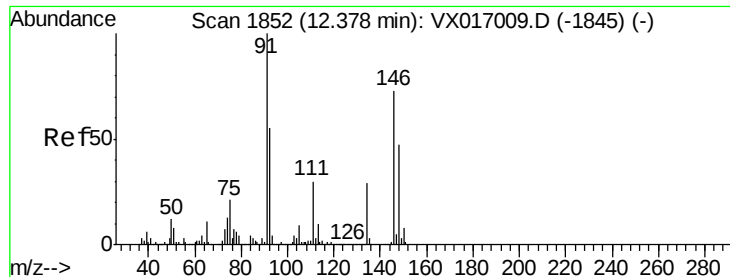
201 79.5 39.4 118.2



Abundance Ion 116.80 (116.50 to 117.50): VX017315.D

Ion 200.70 (200.40 to 201.40): VX017315.D





#91

1,2-Dichlorobenzene

Concen: 18.260 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX017315.D

Acq: 09 Jul 2020 18:04

Instrument :

MSVOA_X

ClientSampleId :

VX0709WBSD02

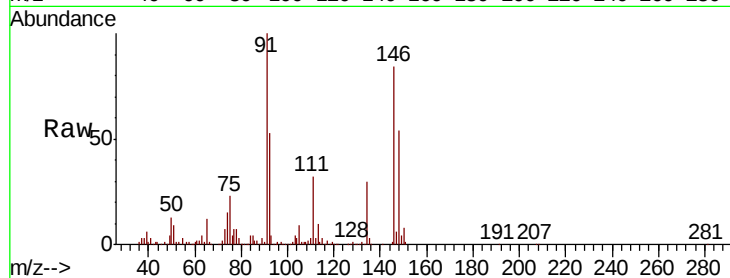
Tot Ion:146 Resp: 127355

Ion Ratio Lower Upper

146 100

111 39.7 20.6 61.9

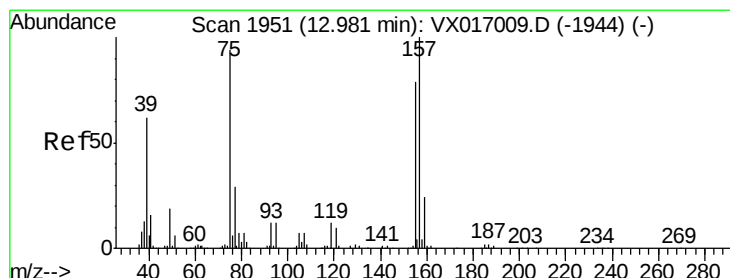
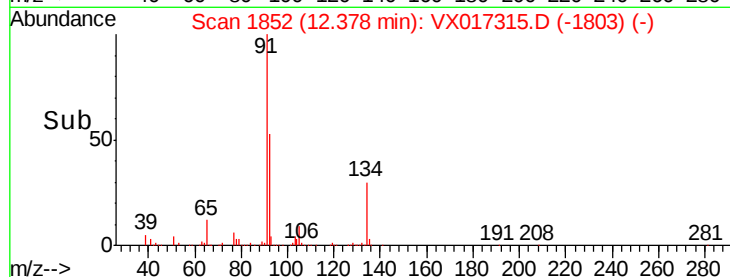
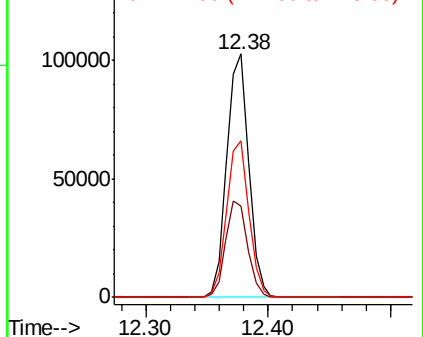
148 64.7 32.4 97.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.724 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX017315.D

Acq: 09 Jul 2020 18:04

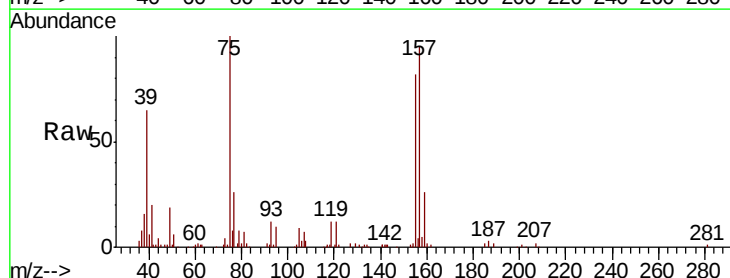
Tgt Ion: 75 Resp: 21003

Ion Ratio Lower Upper

75 100

155 87.7 45.1 135.2

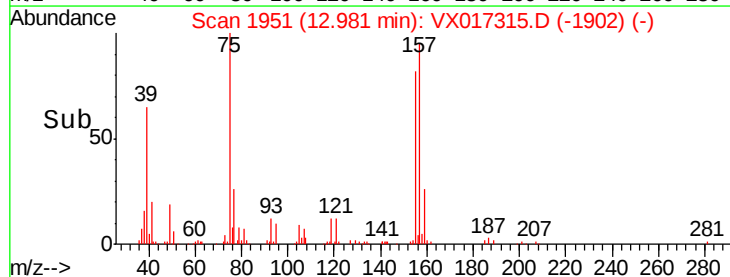
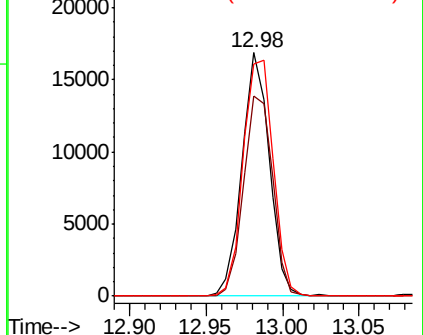
157 106.6 56.5 169.3

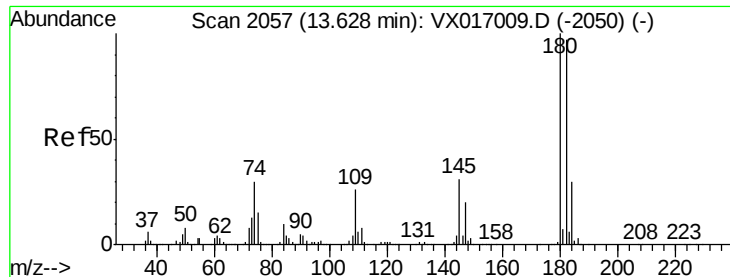


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

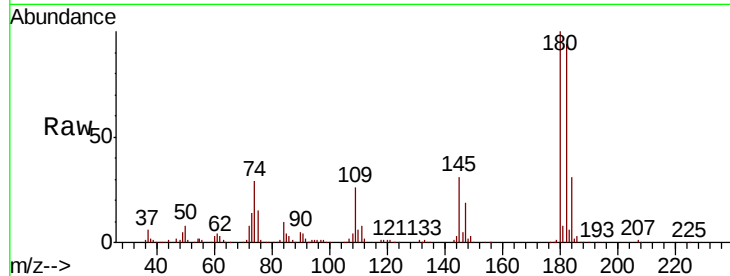




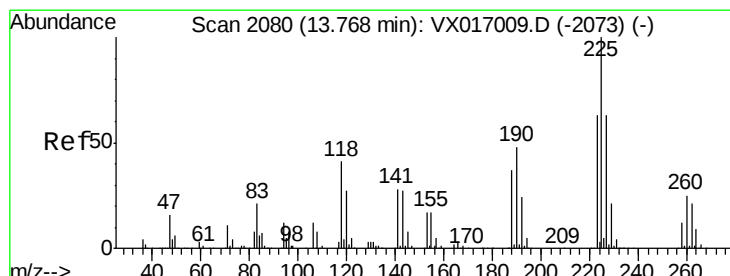
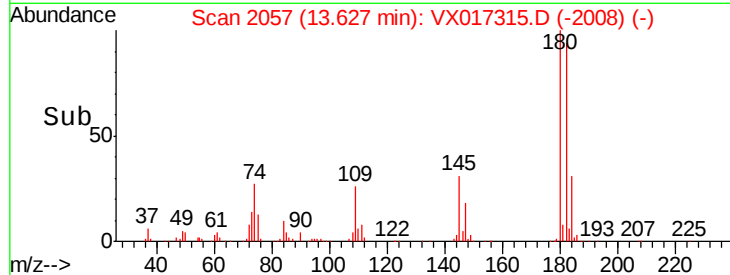
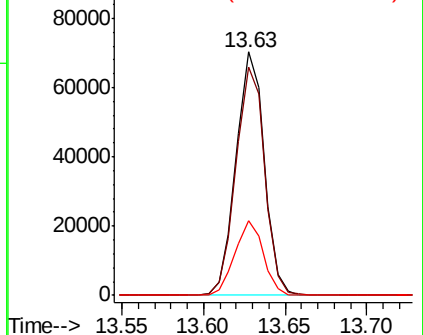
#93
 1,2,4-Trichlorobenzene
 Concen: 17.833 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX017315.D
 Acq: 09 Jul 2020 18:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0709WBSD02

Tot Ion:180 Resp: 84894
 Ion Ratio Lower Upper
 180 100
 182 95.3 47.3 141.9
 145 30.7 15.4 46.2

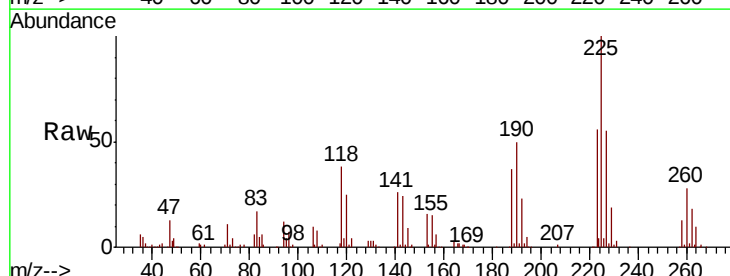


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

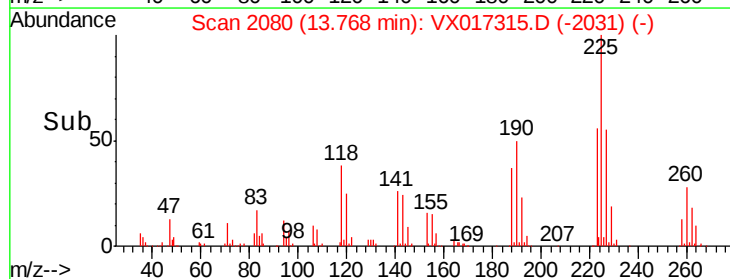
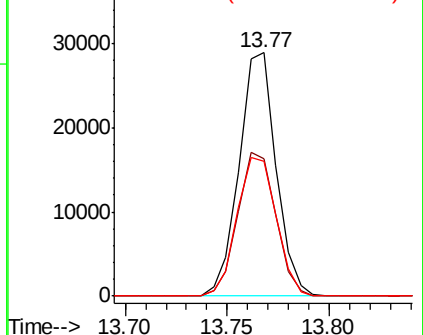


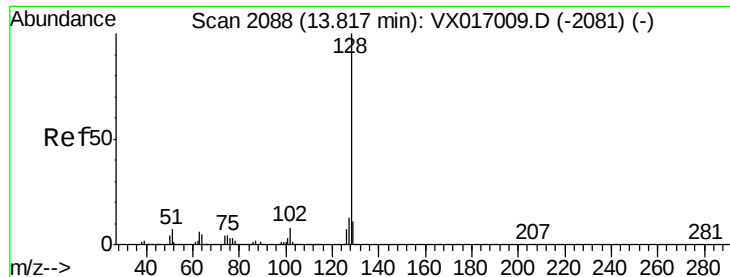
#94
 Hexachlorobutadiene
 Concen: 20.698 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX017315.D
 Acq: 09 Jul 2020 18:04

Tgt Ion:225 Resp: 36485
 Ion Ratio Lower Upper
 225 100
 223 60.9 32.5 97.5
 227 60.3 33.1 99.2



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 18.022 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX017315.D

Acq: 09 Jul 2020 18:04

Instrument :

MSVOA_X

ClientSampleId :

VX0709WBSD02

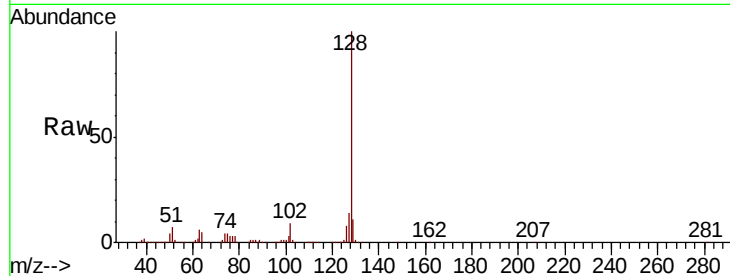
Tot Ion:128 Resp: 260826

Ion Ratio Lower Upper

128 100

127 13.1 10.2 15.4

129 10.8 8.7 13.1

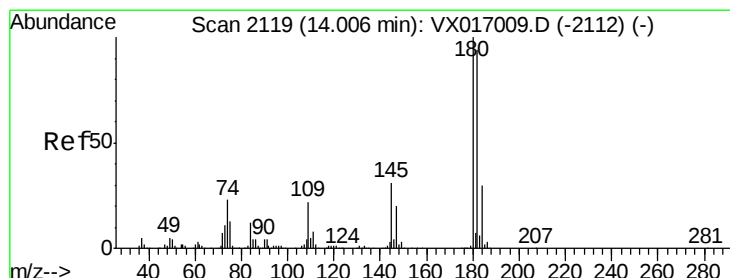
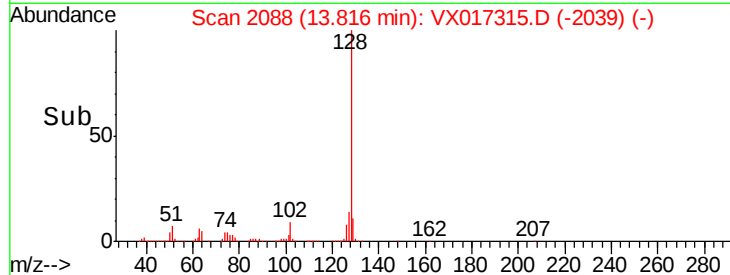
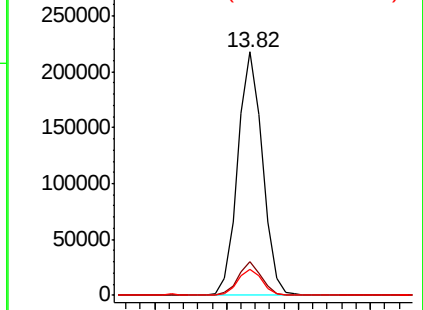


Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 18.393 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. -0.01 min

Lab File: VX017315.D

Acq: 09 Jul 2020 18:04

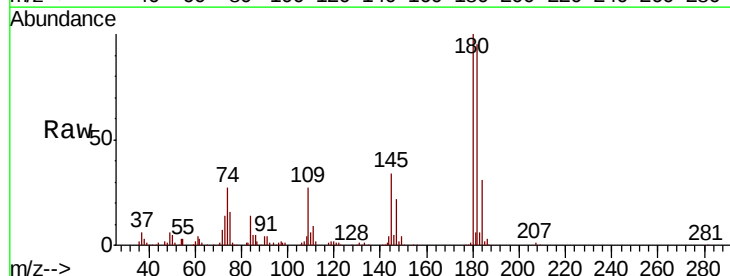
Tgt Ion:180 Resp: 84736

Ion Ratio Lower Upper

180 100

182 94.6 47.1 141.4

145 32.9 16.6 49.7



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

