

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070120\
 Data File : VX071117.D
 Acq On : 01 Jul 2020 23:13
 Operator : JC/SP
 Sample : VX0701WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0701WBSD02

Quant Time: Jul 02 01:42:26 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	5.64	168	246088	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	390485	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	372243	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	191982	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	147055	48.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.94%	
35) Dibromofluoromethane	5.46	113	121512	49.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.38%	
50) Toluene-d8	8.70	98	446178	48.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.70%	
62) 4-Bromofluorobenzene	11.12	95	172575	48.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.66%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	43662	18.340	ug/l 99
3) Chloromethane	1.31	50	46333	16.078	ug/l 100
4) Vinyl Chloride	1.39	62	46477	17.383	ug/l 96
5) Bromomethane	1.63	94	31560	22.342	ug/l 96
6) Chloroethane	1.72	64	28379	17.971	ug/l 98
7) Trichlorofluoromethane	1.92	101	76246	19.282	ug/l 97
8) Diethyl Ether	2.17	74	25928	19.710	ug/l 97
9) 1,1,2-Trichlorotrifluoroet	2.36	101	43652	18.418	ug/l 97
10) Methyl Iodide	2.49	142	52973	17.322	ug/l 98
11) Tert butyl alcohol	3.01	59	53103	91.754	ug/l 96
12) 1,1-Dichloroethene	2.36	96	44353	18.217	ug/l 99
13) Acrolein	2.27	56	17797	51.441	ug/l 100
14) Allyl chloride	2.71	41	76712	17.049	ug/l 98
15) Acrylonitrile	3.12	53	128297	92.214	ug/l 98
16) Acetone	2.42	43	107837	95.018	ug/l 97
17) Carbon Disulfide	2.55	76	124592	18.353	ug/l 96
18) Methyl Acetate	2.75	43	58758	19.833	ug/l 98
19) Methyl tert-butyl Ether	3.17	73	154682	18.930	ug/l 98
20) Methylene Chloride	2.84	84	53016	19.897	ug/l 97
21) trans-1,2-Dichloroethene	3.14	96	50134	18.555	ug/l 94
22) Diisopropyl ether	3.82	45	159177	19.114	ug/l 98
23) Vinyl Acetate	3.79	43	674930	94.314	ug/l 100
24) 1,1-Dichloroethane	3.67	63	89425	18.872	ug/l 98
25) 2-Butanone	4.64	43	177630	93.932	ug/l 98
26) 2,2-Dichloropropane	4.56	77	66244	15.745	ug/l 99
27) cis-1,2-Dichloroethene	4.57	96	55791	18.224	ug/l 99
28) Bromochloromethane	4.98	49	39459	17.113	ug/l 98
29) Tetrahydrofuran	5.09	42	116637	93.350	ug/l 100
30) Chloroform	5.18	83	92335	19.009	ug/l 96
31) Cyclohexane	5.56	56	75239	18.370	ug/l 98
32) 1,1,1-Trichloroethane	5.46	97	84325	18.850	ug/l 99
36) 1,1-Dichloropropene	5.77	75	67540	18.301	ug/l 99
37) Ethyl Acetate	4.80	43	68334	18.249	ug/l 98
38) Carbon Tetrachloride	5.76	117	76439	18.805	ug/l 99

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 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0701WBSD02

Quant Time: Jul 02 01:42:26 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)
39) Methylcyclohexane	7.44	83	71572	17.430	ug/l	98
40) Benzene	6.12	78	201549	18.587	ug/l	98
41) Methacrylonitrile	5.00	41	39975	18.968	ug/l	97
42) 1,2-Dichloroethane	6.16	62	74733	19.080	ug/l	98
43) Isopropyl Acetate	6.42	43	114052	18.330	ug/l	100
44) Trichloroethene	7.19	130	58182	19.254	ug/l	98
45) 1,2-Dichloropropane	7.49	63	51218	18.390	ug/l	95
46) Dibromomethane	7.64	93	35571	18.708	ug/l	96
47) Bromodichloromethane	7.88	83	72725	18.559	ug/l	97
48) Methyl methacrylate	7.74	41	55383	18.735	ug/l	97
49) 1,4-Dioxane	7.71	88	23410	349.556	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	355131	95.747	ug/l	100
52) Toluene	8.76	92	128694	19.009	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	76780	17.759	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	84090	18.144	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	53316	19.275	ug/l	95
56) Ethyl methacrylate	9.16	69	72817	18.496	ug/l	97
57) 1,3-Dichloropropane	9.35	76	86799	18.545	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	182958	93.374	ug/l	100
59) 2-Hexanone	9.47	43	266295	98.305	ug/l	98
60) Dibromochloromethane	9.56	129	60883	18.951	ug/l	99
61) 1,2-Dibromoethane	9.65	107	55624	18.708	ug/l	100
64) Tetrachloroethene	9.32	164	54567	18.163	ug/l	96
65) Chlorobenzene	10.12	112	140164	18.244	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	54998	18.575	ug/l	100
67) Ethyl Benzene	10.23	91	237580	18.517	ug/l	100
68) m/p-Xylenes	10.34	106	183395	37.226	ug/l	98
69) o-Xylene	10.68	106	86829	18.527	ug/l	99
70) Styrene	10.70	104	153606	19.247	ug/l	99
71) Bromoform	10.84	173	46557	19.829	ug/l #	99
73) Isopropylbenzene	11.00	105	238891	18.997	ug/l	99
74) N-amyl acetate	10.88	43	97342	18.142	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	74772	18.903	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	89492	23.705	ug/l	87
77) Bromobenzene	11.24	156	65379	18.917	ug/l	98
78) n-propylbenzene	11.34	91	261496	18.389	ug/l	100
79) 2-Chlorotoluene	11.40	91	159591	18.544	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	193649	18.565	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.06	75	24426	16.755	ug/l	93
82) 4-Chlorotoluene	11.49	91	192518	18.712	ug/l	99
83) tert-Butylbenzene	11.76	119	190872	18.641	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	205598	19.429	ug/l	99
85) sec-Butylbenzene	11.93	105	222344	18.473	ug/l	100
86) p-Isopropyltoluene	12.05	119	209146	18.666	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	111640	17.786	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	115952	19.471	ug/l	100
89) n-Butylbenzene	12.37	91	173199	17.312	ug/l	100
90) Hexachloroethane	12.58	117	39755	17.992	ug/l	100
91) 1,2-Dichlorobenzene	12.37	146	110705	18.868	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.98	75	17387	18.426	ug/l	97

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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0701WBSD02

Quant Time: Jul 02 01:42:26 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

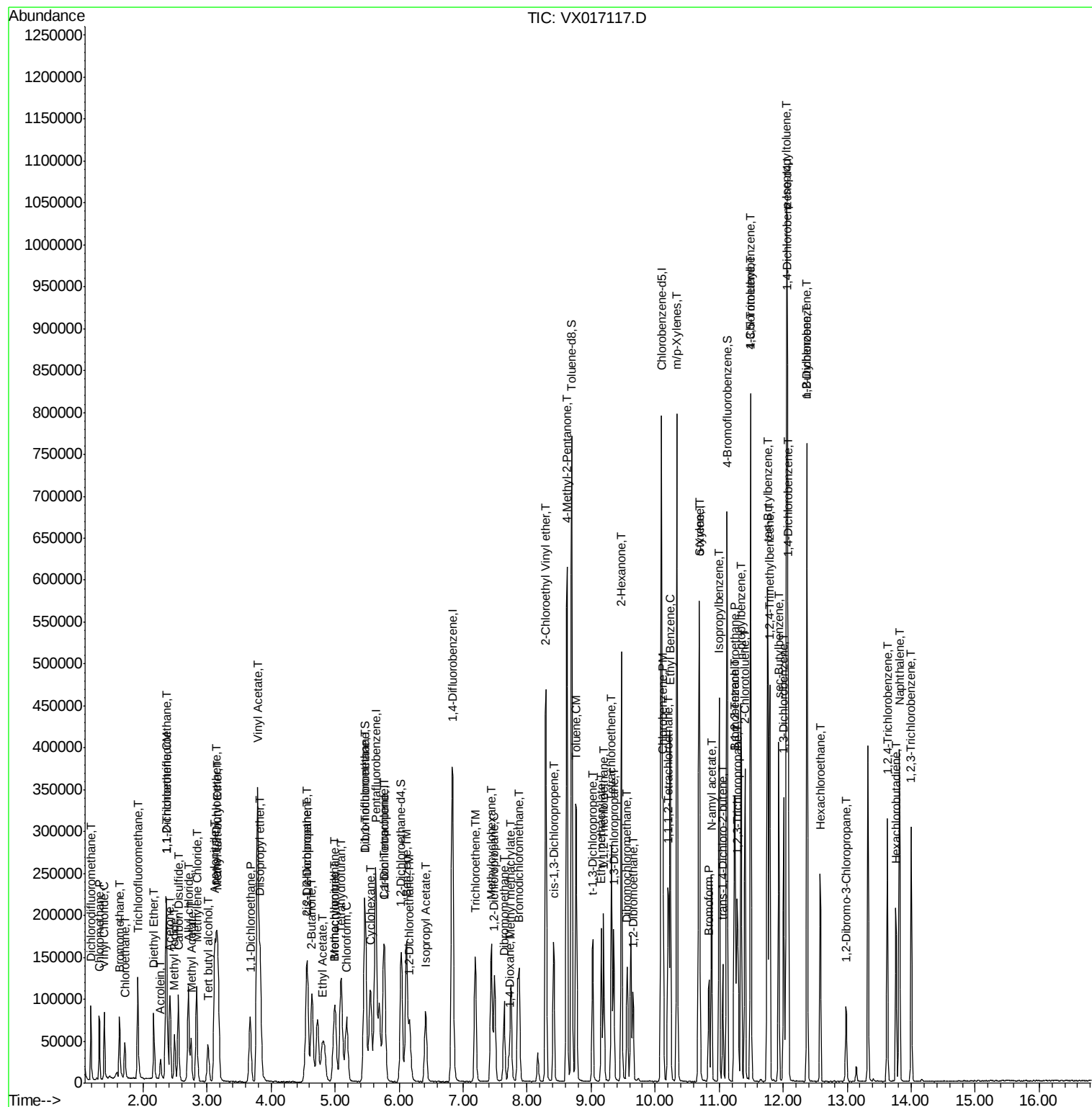
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	74730	18.661	ug/l	99
94) Hexachlorobutadiene	13.76	225	27762	18.802	ug/l	98
95) Naphthalene	13.82	128	236090	19.391	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	74477	19.217	ug/l	99

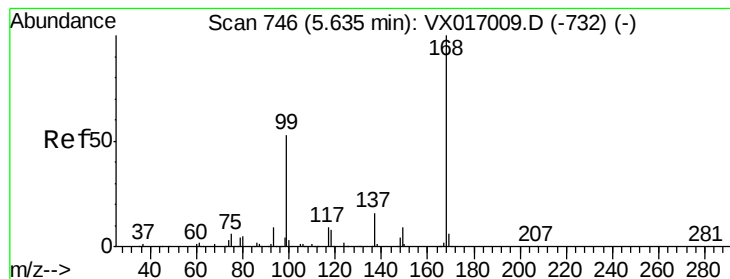
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX070120\
Data File : VX017117.D
Acq On : 01 Jul 2020 23:13
Operator : JC/SP
Sample : VX0701WBSD02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleID :
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Quant Time: Jul 02 01:42:26 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
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: 5.64 min Scan# 746

Delta R.T. -0.00 min

Lab File: VX017117.D

Acq: 01 Jul 2020 23:13

Instrument :

MSVOA_X

ClientSampleId :

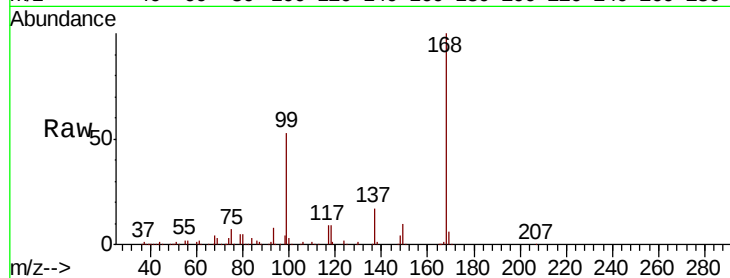
VX0701WBSD02

Tot Ion:168 Resp: 246088

Ion Ratio Lower Upper

168 100

99 52.8 42.6 64.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

100000

80000

60000

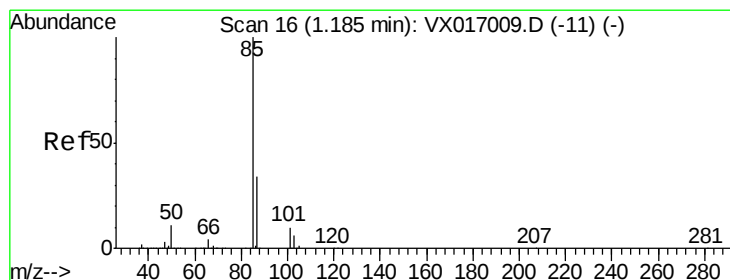
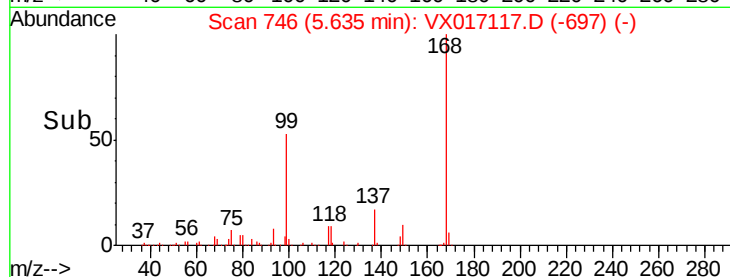
40000

20000

0

Time-->

5.50 5.60 5.70



#2

Dichlorodifluoromethane

Concen: 18.340 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX017117.D

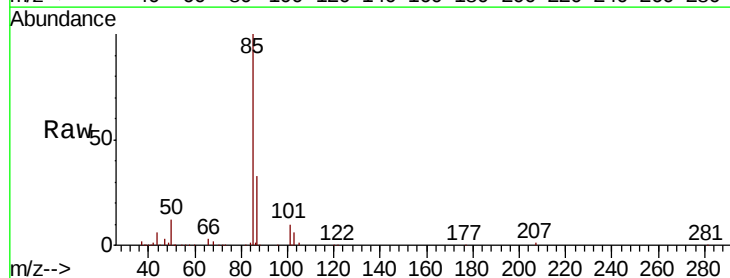
Acq: 01 Jul 2020 23:13

Tgt Ion: 85 Resp: 43662

Ion Ratio Lower Upper

85 100

87 33.1 16.8 50.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

50000

40000

30000

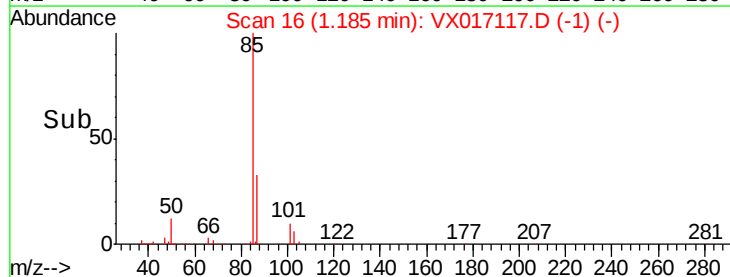
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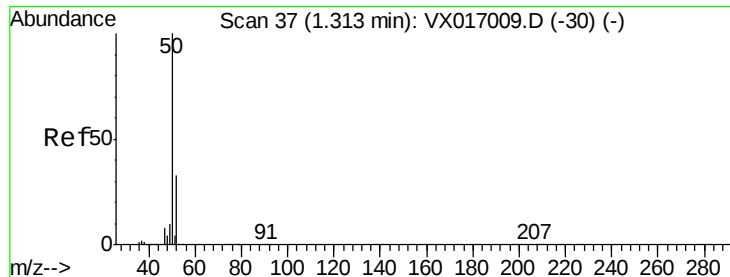
10000

0

Time-->

1.15 1.20 1.25





#3

Chloromethane

Concen: 16.078 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX017117.D

Acq: 01 Jul 2020 23:13

Instrument :

MSVOA_X

ClientSampleId :

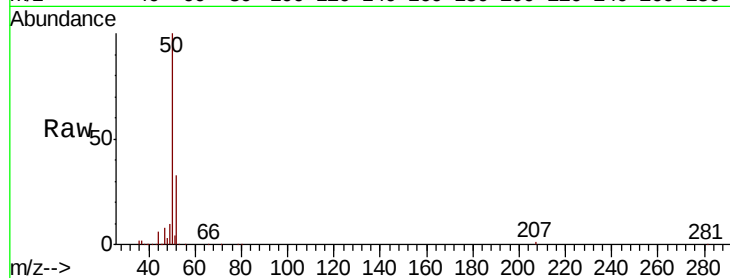
VX0701WBSD02

Tot Ion: 50 Resp: 46333

Ion Ratio Lower Upper

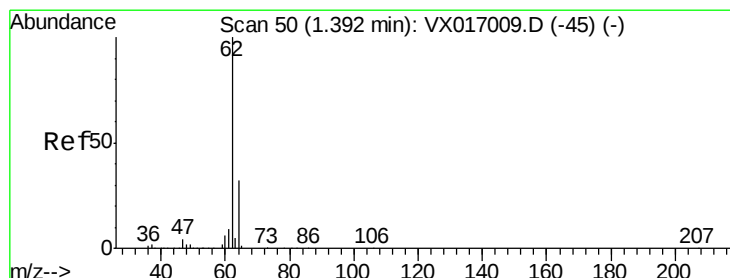
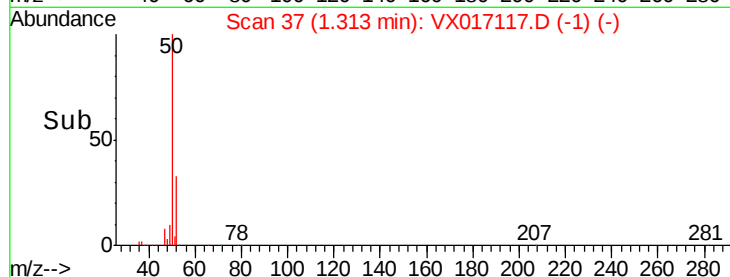
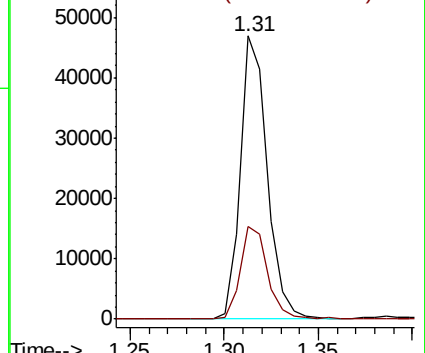
50 100

52 32.8 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: 17.383 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX017117.D

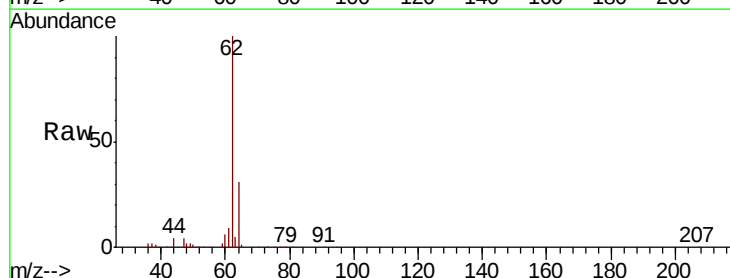
Acq: 01 Jul 2020 23:13

Tgt Ion: 62 Resp: 46477

Ion Ratio Lower Upper

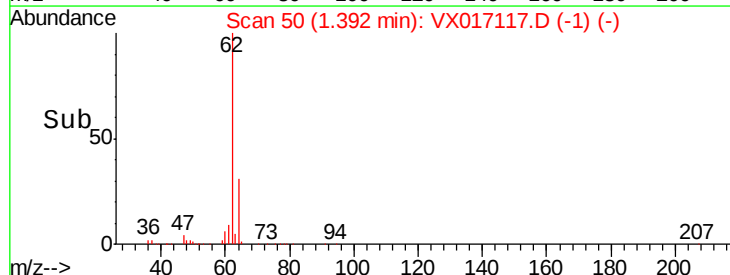
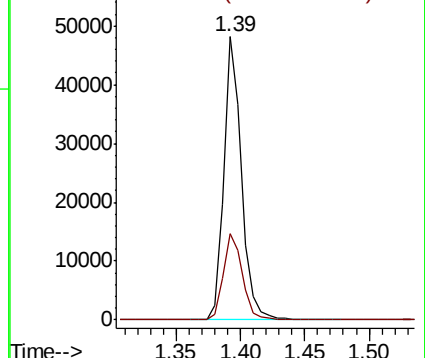
62 100

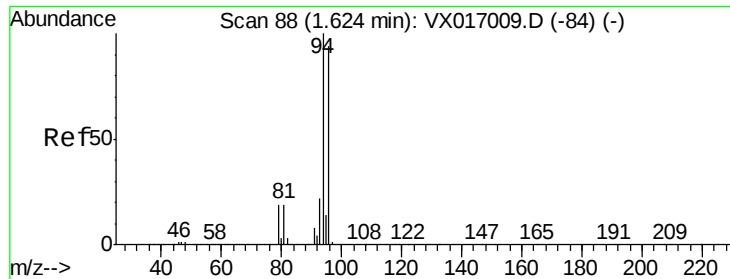
64 30.4 25.9 38.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 22.342 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX017117.D

Acq: 01 Jul 2020 23:13

Instrument :

MSVOA_X

ClientSampleId :

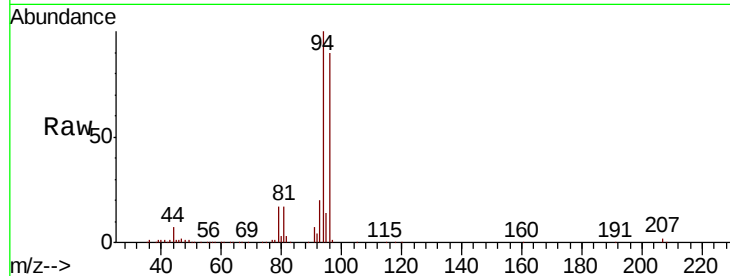
VX0701WBSD02

Tot Ion: 94 Resp: 31560

Ion Ratio Lower Upper

94 100

96 90.3 75.0 112.4



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.63

25000

20000

15000

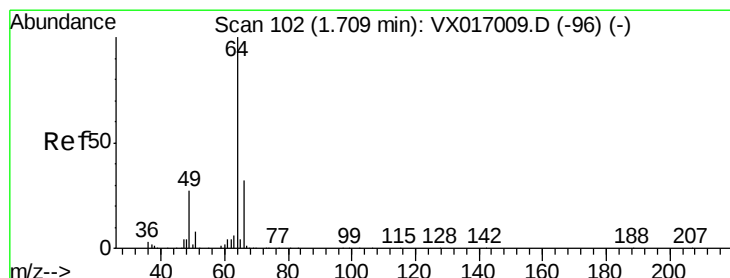
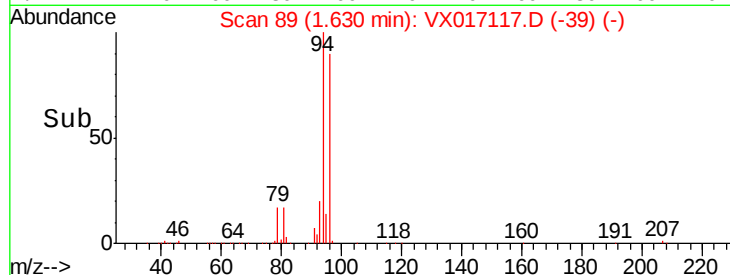
10000

5000

0

Time-->

1.55 1.60 1.65 1.70



#6

Chloroethane

Concen: 17.971 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX017117.D

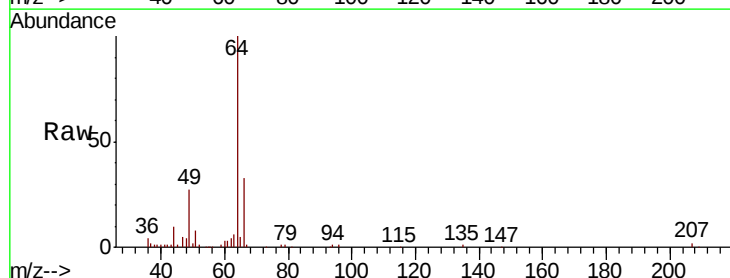
Acq: 01 Jul 2020 23:13

Tgt Ion: 64 Resp: 28379

Ion Ratio Lower Upper

64 100

66 33.3 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

20000

15000

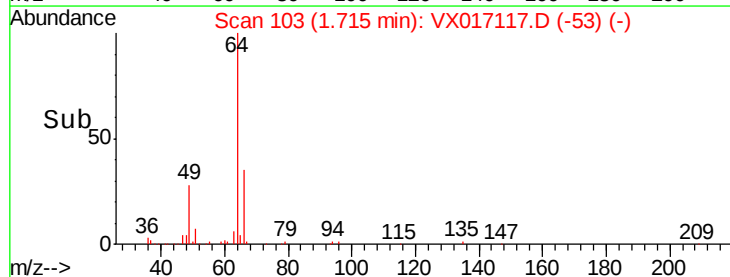
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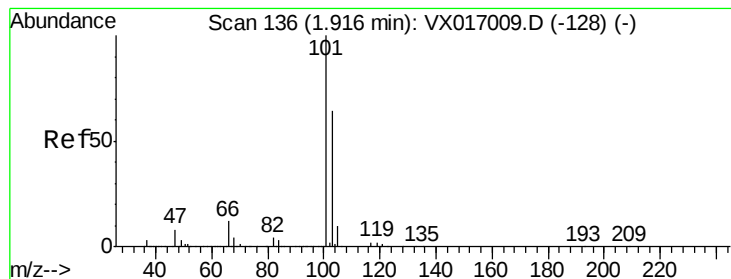
5000

0

Time-->

1.65 1.70 1.75 1.80



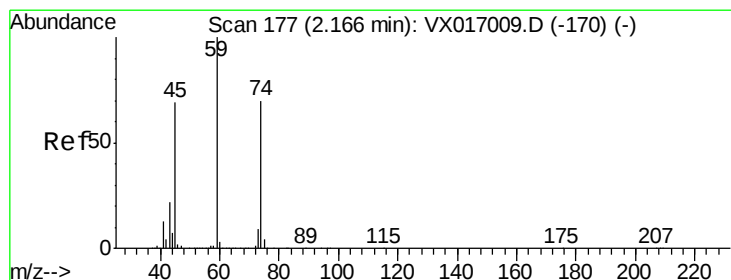
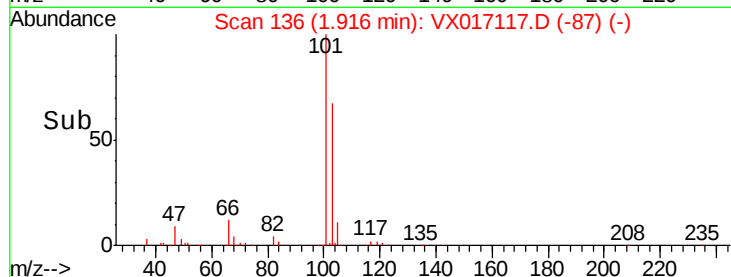
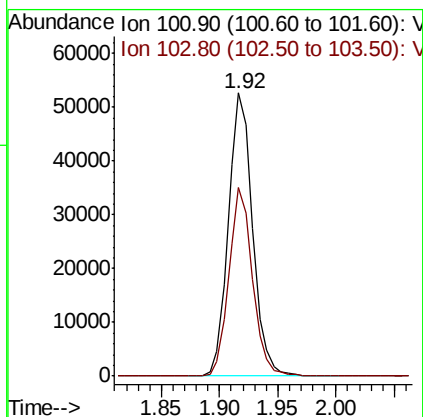
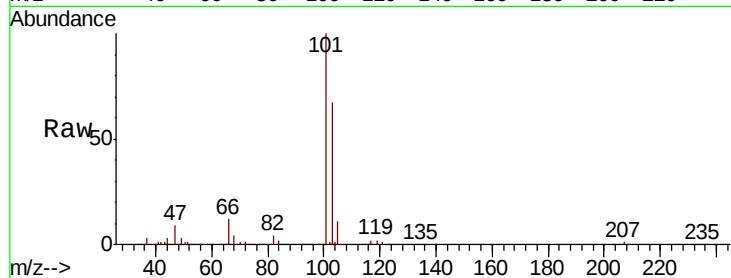


#7

Trichlorofluoromethane
Concen: 19.282 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX017117.D
Acq: 01 Jul 2020 23:13

Instrument :
MSVOA_X
ClientSampleId :
VX0701WBSD02

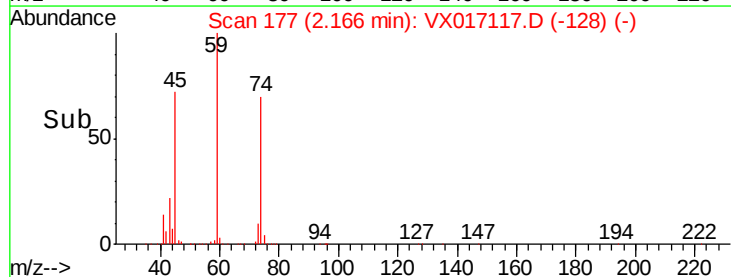
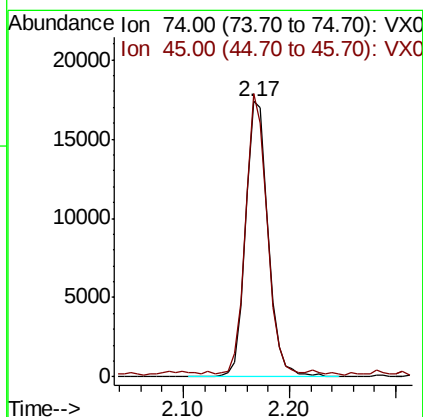
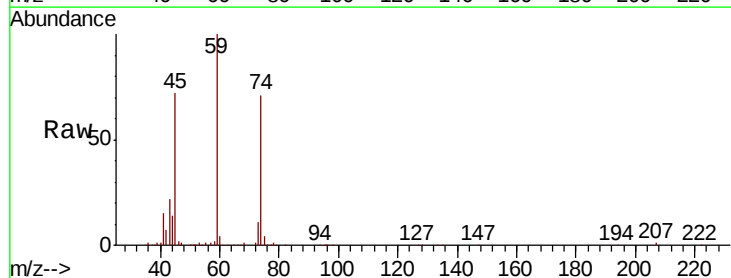
Tot Ion:101 Resp: 76246
Ion Ratio Lower Upper
101 100
103 66.7 51.5 77.3

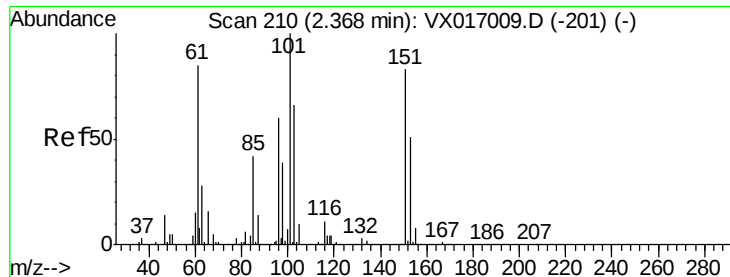


#8

Diethyl Ether
Concen: 19.710 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX017117.D
Acq: 01 Jul 2020 23:13

Tgt Ion: 74 Resp: 25928
Ion Ratio Lower Upper
74 100
45 96.9 49.8 149.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.418 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.01 min

Lab File: VX017117.D

Acq: 01 Jul 2020 23:13

Instrument :

MSVOA_X

ClientSampleId :

VX0701WBSD02

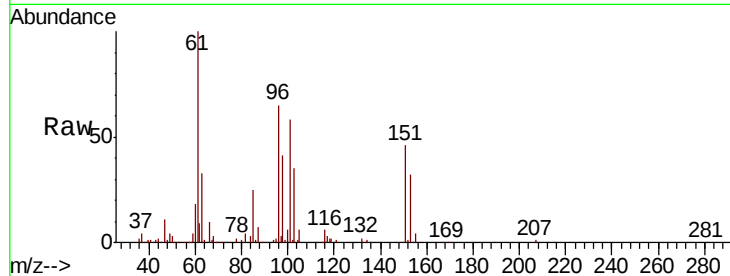
Tot Ion:101 Resp: 43652

Ion Ratio Lower Upper

101 100

85 44.2 33.5 50.3

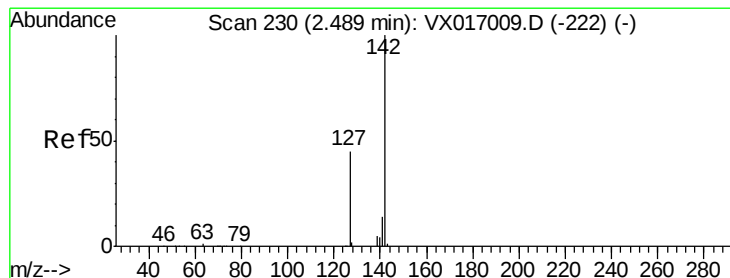
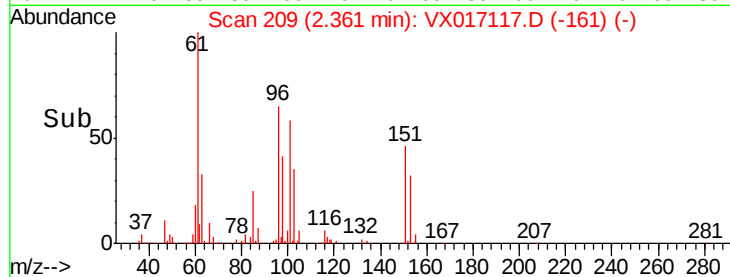
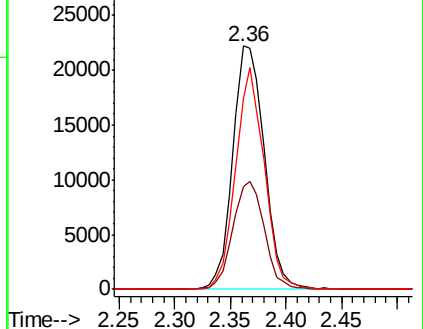
151 82.7 63.8 95.6



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: 17.322 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX017117.D

Acq: 01 Jul 2020 23:13

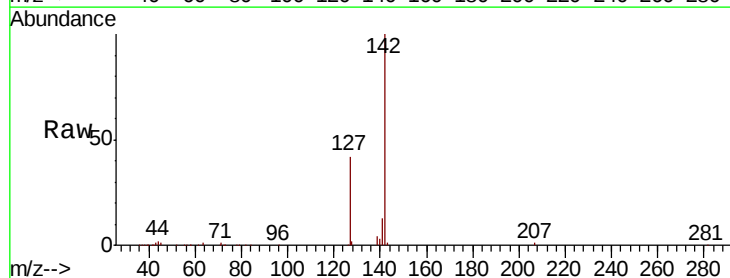
Tgt Ion:142 Resp: 52973

Ion Ratio Lower Upper

142 100

127 44.3 36.6 54.8

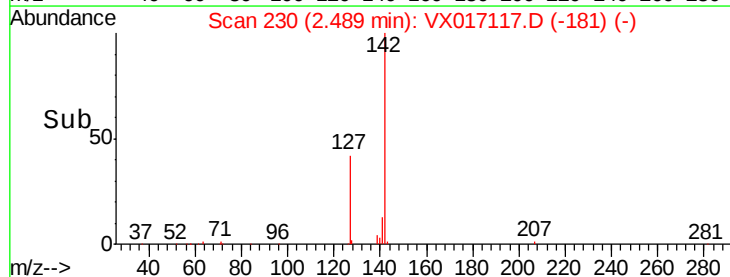
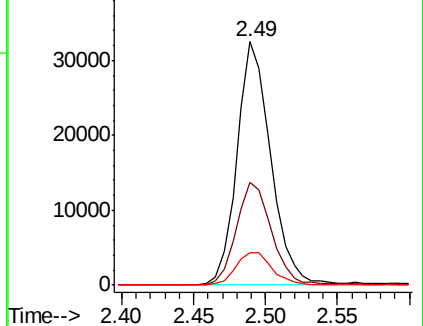
141 14.5 11.6 17.4

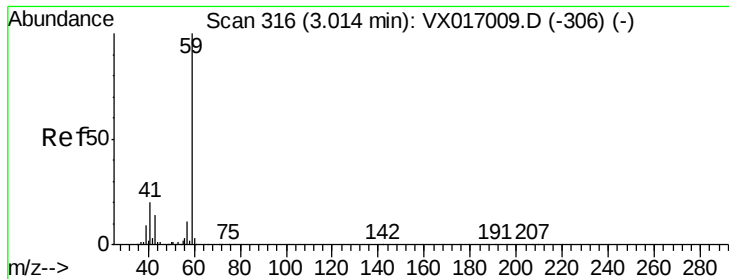


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



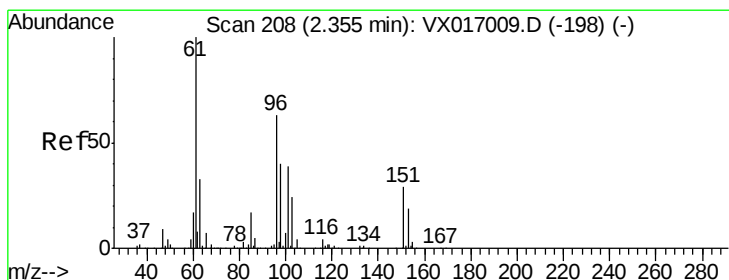
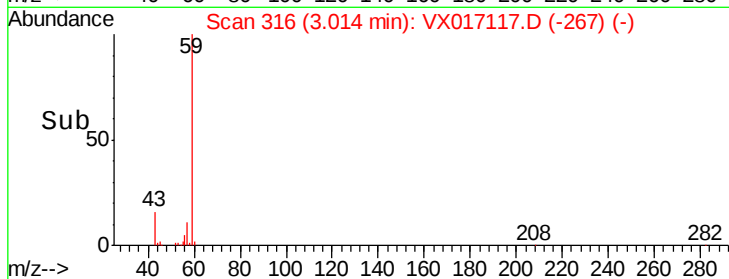
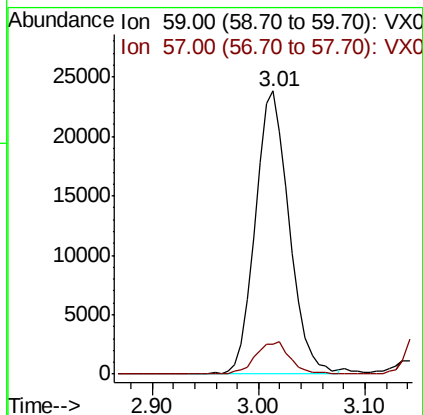
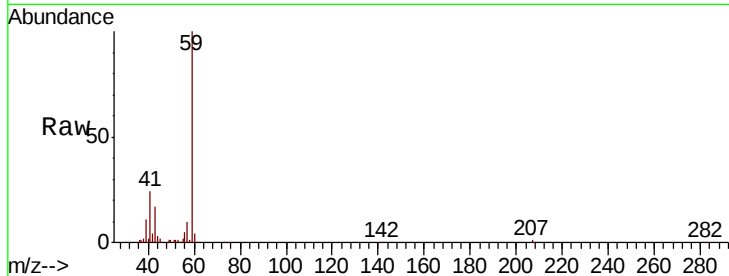


#11

Tert butyl alcohol
 Concen: 91.754 ug/l
 RT: 3.01 min Scan# 316
 Delta R.T. -0.00 min
 Lab File: VX017117.D
 Acq: 01 Jul 2020 23:13

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0701WBSD02

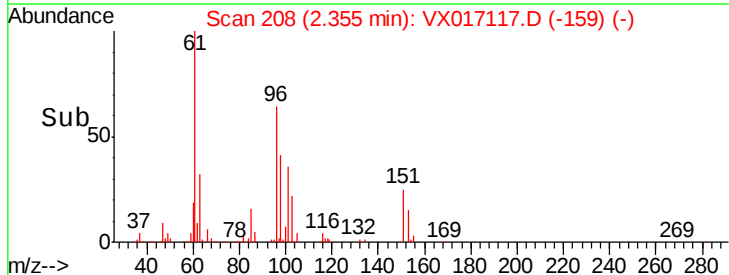
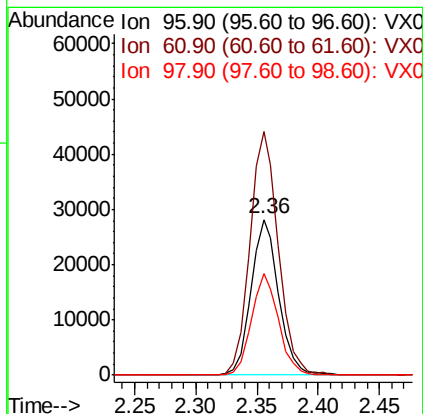
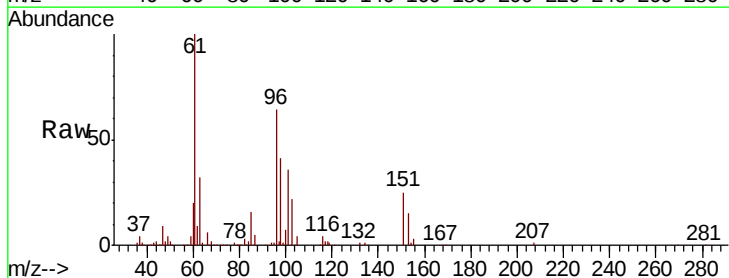
Tot Ion: 59 Resp: 53103
 Ion Ratio Lower Upper
 59 100
 57 11.7 8.2 12.2

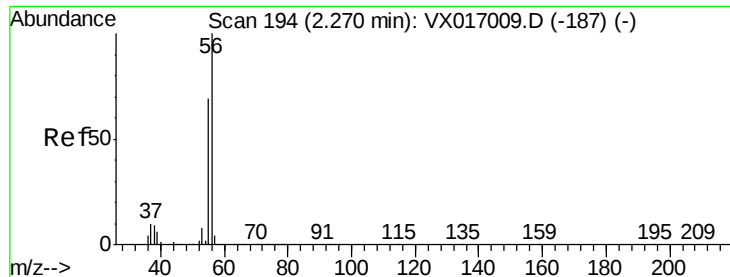


#12

1,1-Dichloroethene
 Concen: 18.217 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX017117.D
 Acq: 01 Jul 2020 23:13

Tgt Ion: 96 Resp: 44353
 Ion Ratio Lower Upper
 96 100
 61 156.7 126.3 189.5
 98 65.0 51.0 76.6





#13

Acrolein

Concen: 51.441 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX017117.D

Acq: 01 Jul 2020 23:13

Instrument :

MSVOA_X

ClientSampleId :

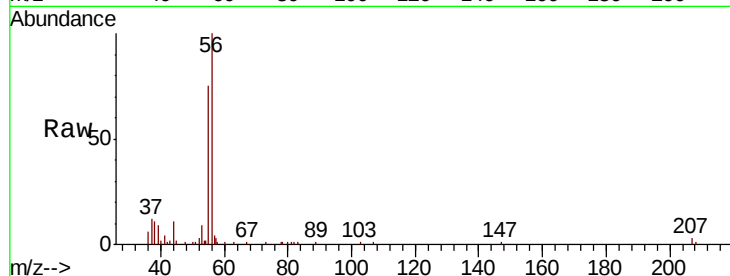
VX0701WBSD02

Tot Ion: 56 Resp: 17797

Ion Ratio Lower Upper

56 100

55 69.3 55.7 83.5



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.27

12000

10000

8000

6000

4000

2000

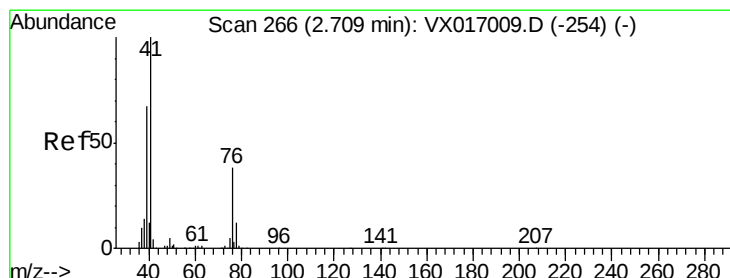
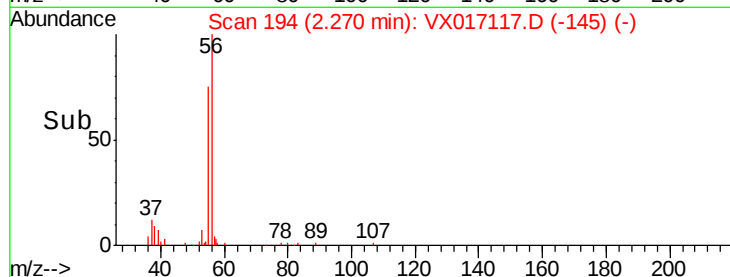
0

Time-->

2.20

2.30

2.40



#14

Allyl chloride

Concen: 17.049 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX017117.D

Acq: 01 Jul 2020 23:13

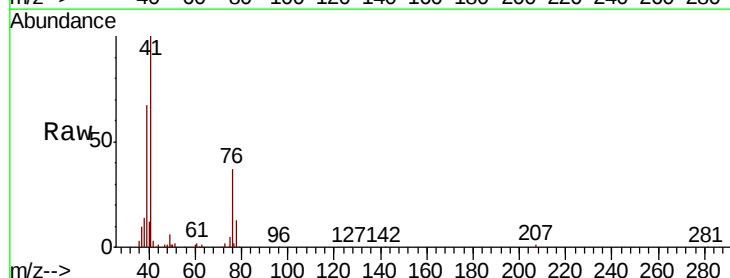
Tgt Ion: 41 Resp: 76712

Ion Ratio Lower Upper

41 100

39 63.7 49.4 74.2

76 33.8 26.8 40.2



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

100000

80000

60000

40000

20000

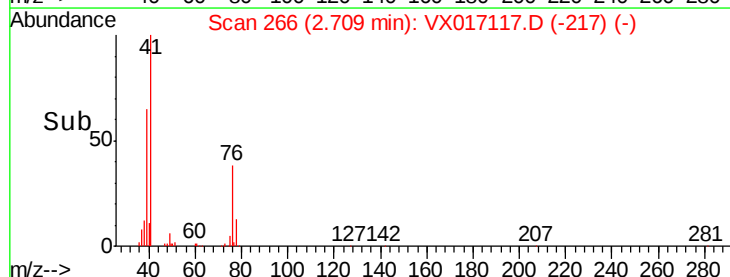
0

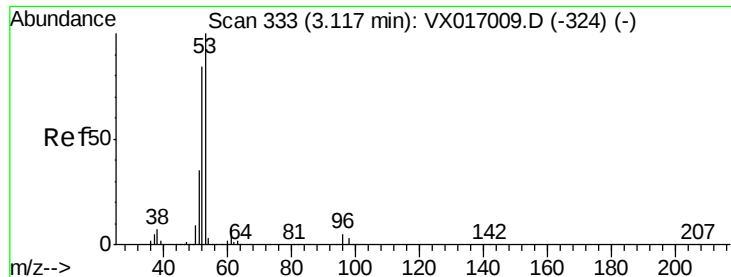
Time-->

2.60

2.70

2.80





#15

Acrylonitrile

Concen: 92.214 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX017117.D

Acq: 01 Jul 2020 23:13

Instrument :

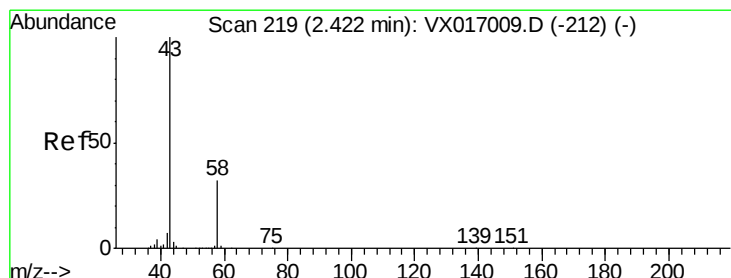
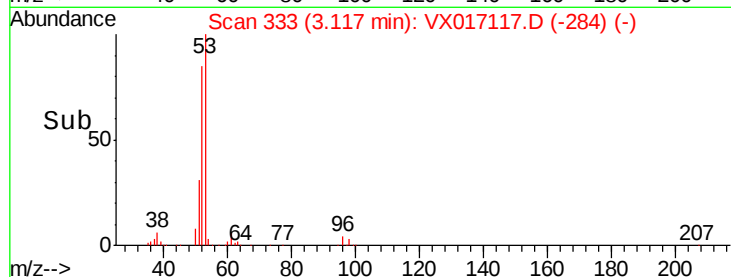
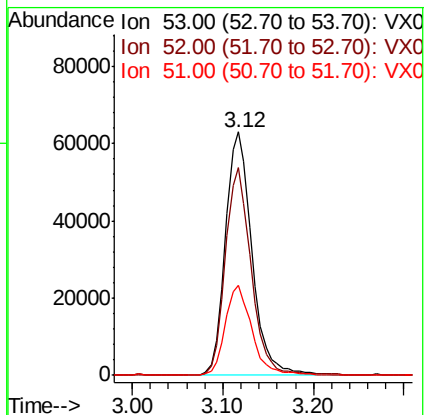
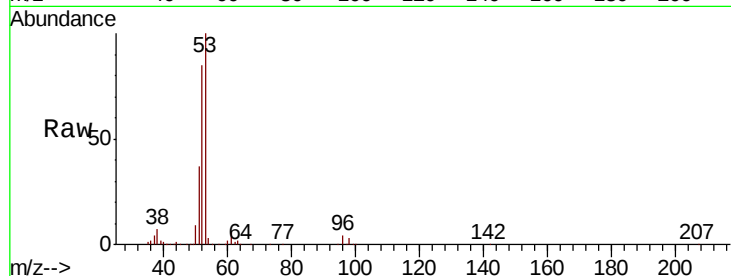
MSVOA_X

ClientSampleId :

VX0701WBSD02

Tot Ion: 53 Resp: 128297

Ion	Ratio	Lower	Upper
53	100		
52	82.9	65.6	98.4
51	37.7	28.3	42.5



#16

Acetone

Concen: 95.018 ug/l

RT: 2.42 min Scan# 218

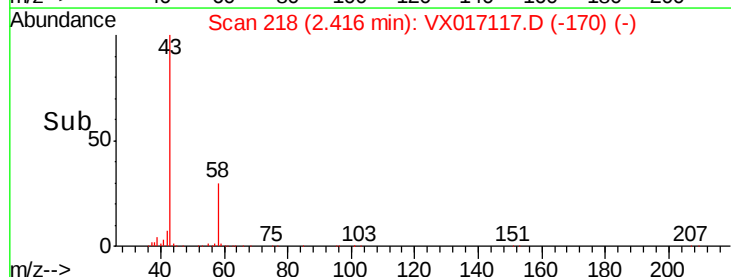
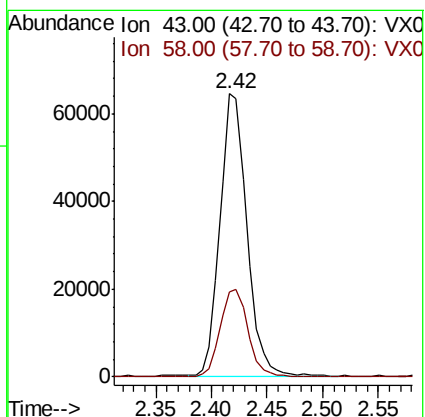
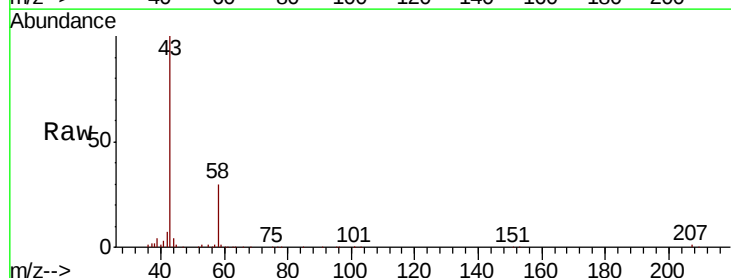
Delta R.T. -0.01 min

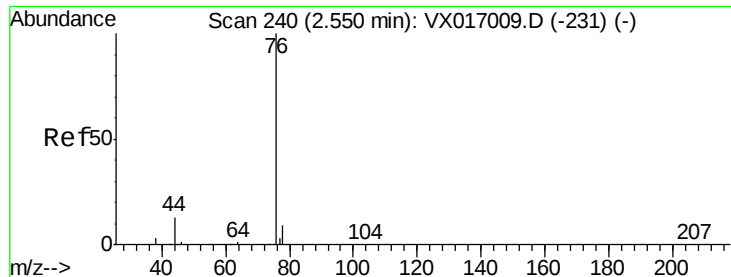
Lab File: VX017117.D

Acq: 01 Jul 2020 23:13

Tgt Ion: 43 Resp: 107837

Ion	Ratio	Lower	Upper
43	100		
58	30.2	25.7	38.5





#17

Carbon Disulfide

Concen: 18.353 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX017117.D

Acq: 01 Jul 2020 23:13

Instrument :

MSVOA_X

ClientSampleId :

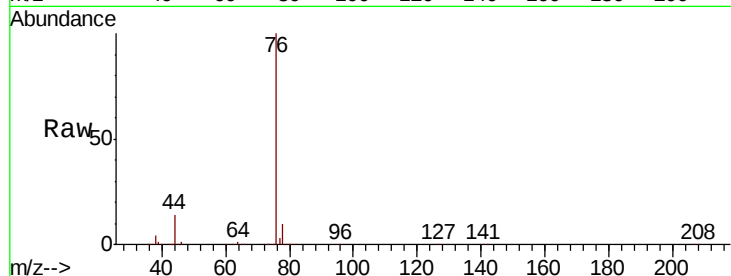
VX0701WBSD02

Tot Ion: 76 Resp: 124592

Ion Ratio Lower Upper

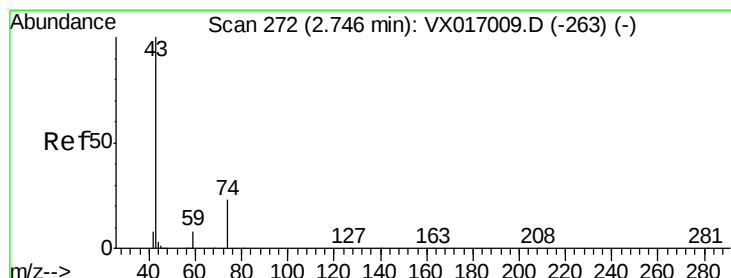
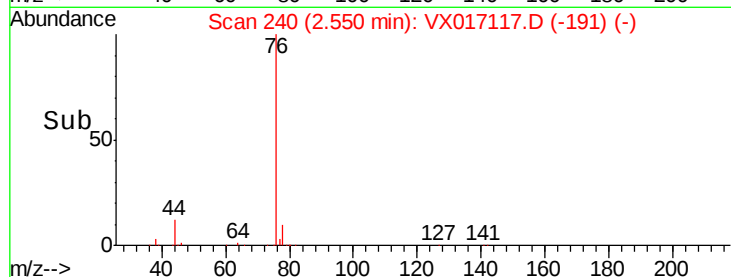
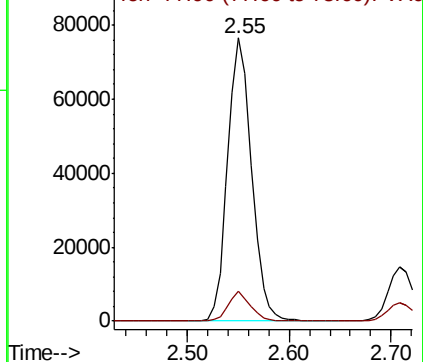
76 100

78 10.4 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: 19.833 ug/l

RT: 2.75 min Scan# 273

Delta R.T. 0.01 min

Lab File: VX017117.D

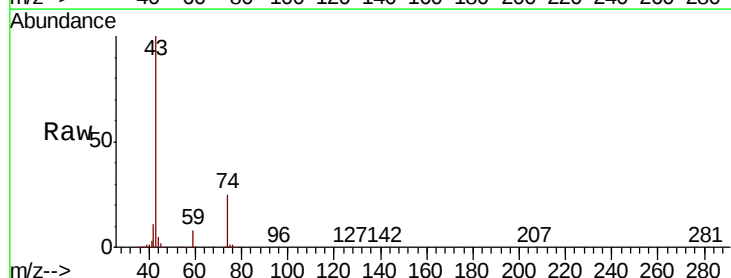
Acq: 01 Jul 2020 23:13

Tgt Ion: 43 Resp: 58758

Ion Ratio Lower Upper

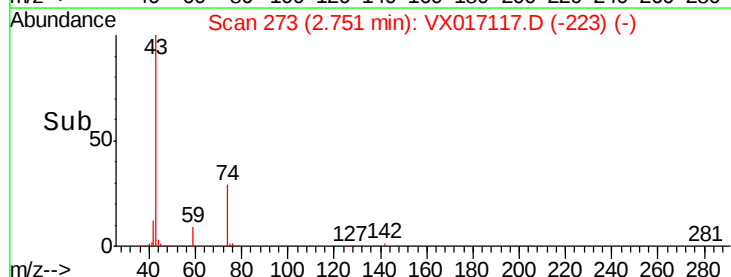
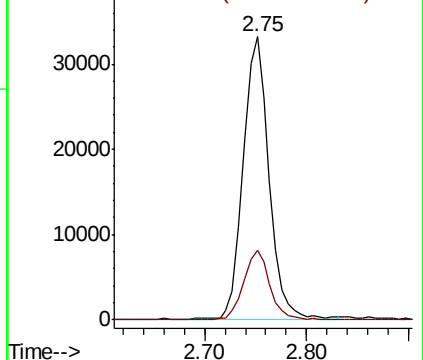
43 100

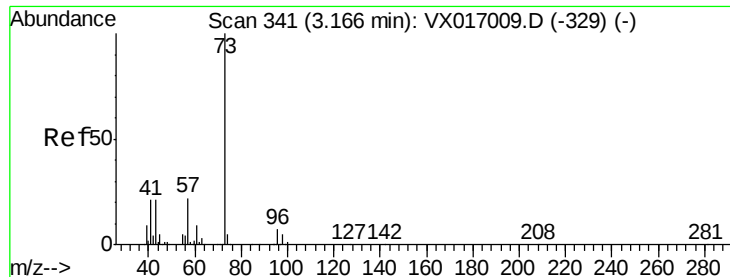
74 24.8 19.3 28.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



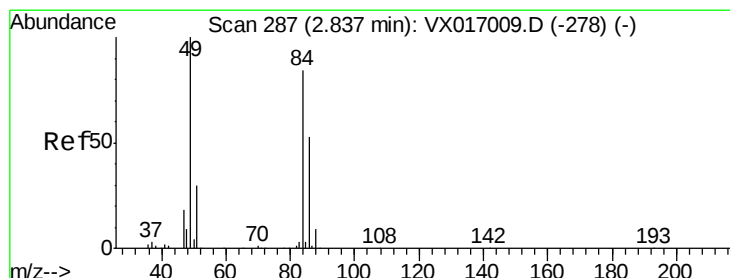
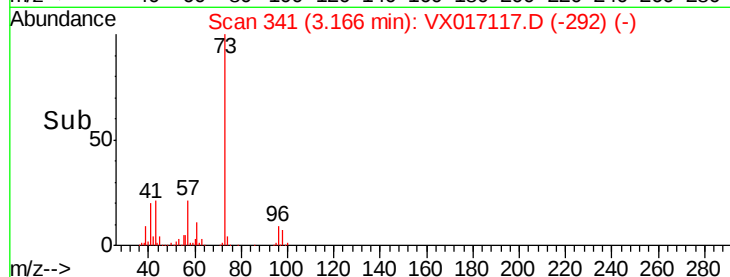
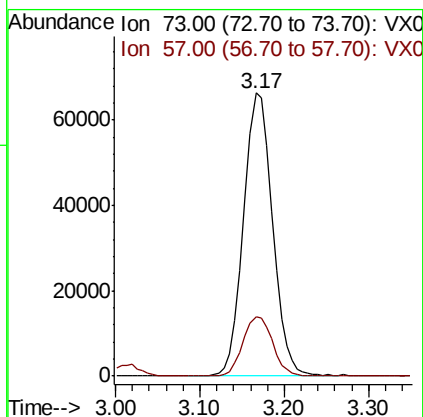
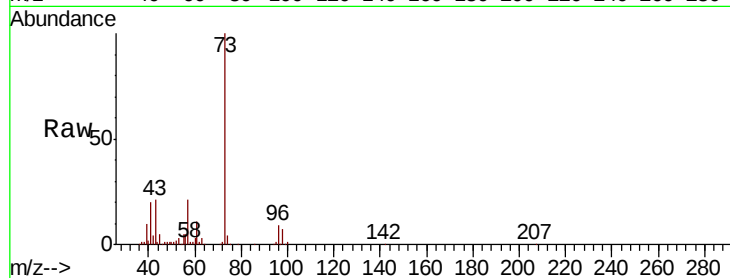


#19

Methyl tert-butyl Ether
 Concen: 18.930 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.00 min
 Lab File: VX017117.D
 Acq: 01 Jul 2020 23:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0701WBSD02

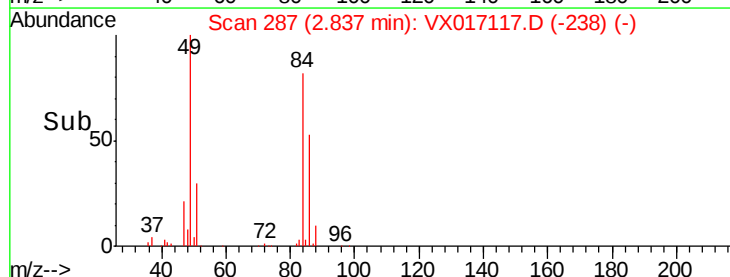
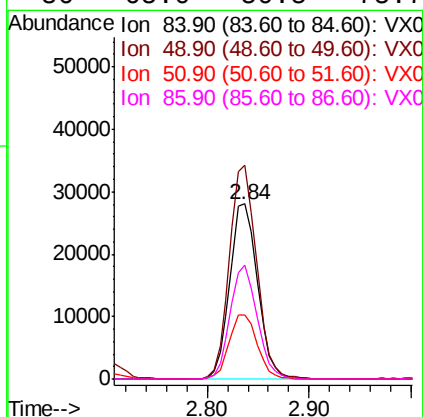
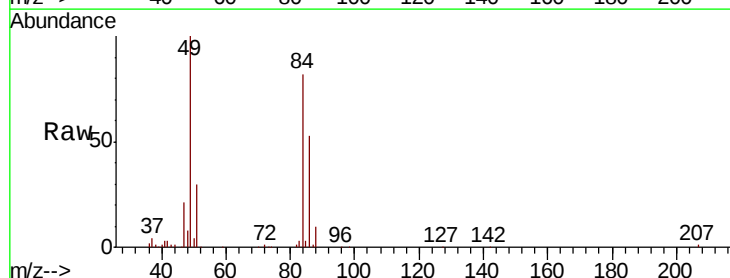
Tot Ion: 73 Resp: 154682
 Ion Ratio Lower Upper
 73 100
 57 20.9 17.6 26.4

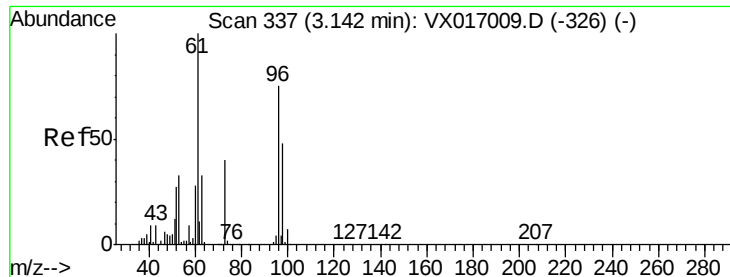


#20

Methylene Chloride
 Concen: 19.897 ug/l
 RT: 2.84 min Scan# 287
 Delta R.T. 0.00 min
 Lab File: VX017117.D
 Acq: 01 Jul 2020 23:13

Tgt Ion: 84 Resp: 53016
 Ion Ratio Lower Upper
 84 100
 49 121.9 94.7 142.1
 51 36.3 28.6 42.8
 86 65.0 50.5 75.7





#21

trans-1,2-Dichloroethene

Concen: 18.555 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX017117.D

Acq: 01 Jul 2020 23:13

Instrument :

MSVOA_X

ClientSampleId :

VX0701WBSD02

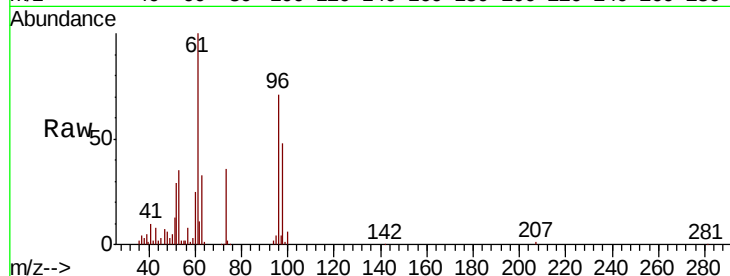
Tot Ion: 96 Resp: 50134

Ion Ratio Lower Upper

96 100

61 140.9 107.0 160.6

98 68.1 51.6 77.4

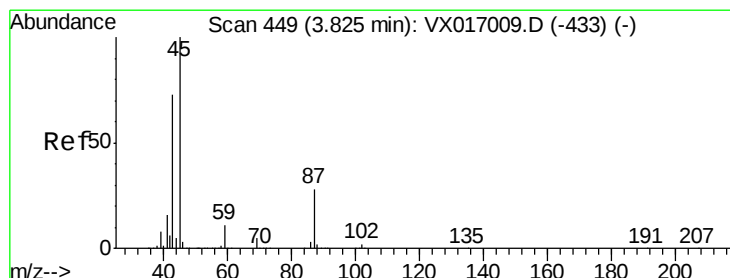
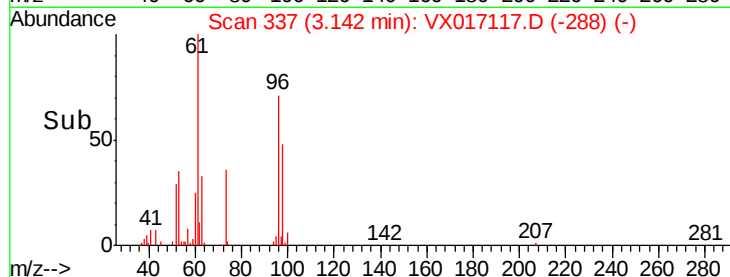
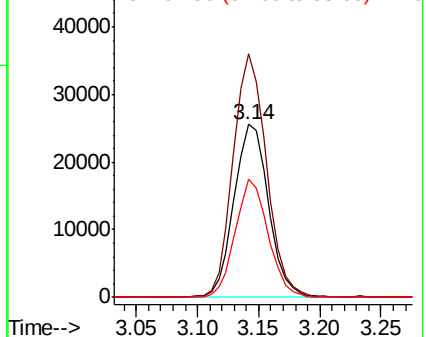


Abundance

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: 19.114 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX017117.D

Acq: 01 Jul 2020 23:13

Tgt Ion: 45 Resp: 159177

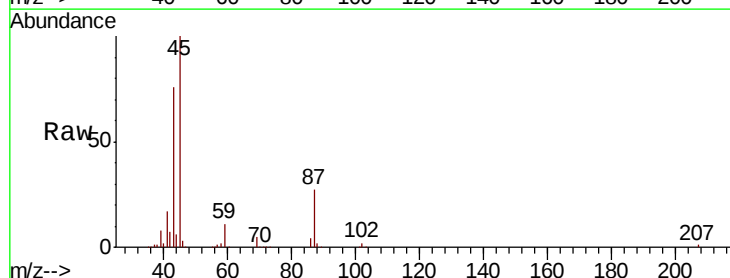
Ion Ratio Lower Upper

45 100

43 75.9 58.6 88.0

87 27.5 22.6 34.0

59 11.2 8.7 13.1



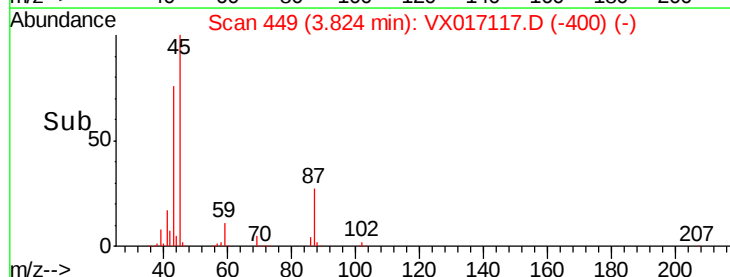
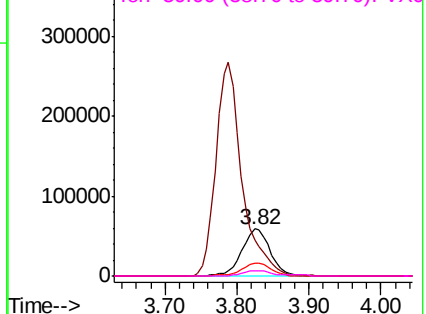
Abundance

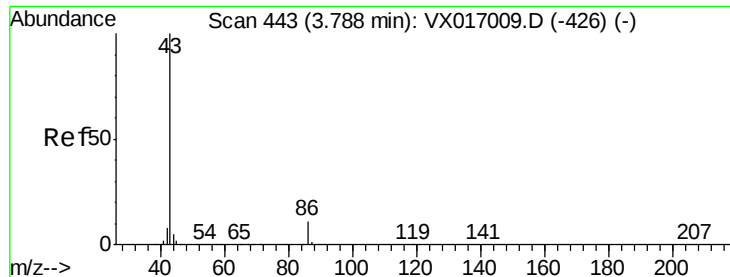
Ion 45.00 (44.70 to 45.70): VX0

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: 94.314 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX017117.D

Acq: 01 Jul 2020 23:13

Instrument :

MSVOA_X

ClientSampleId :

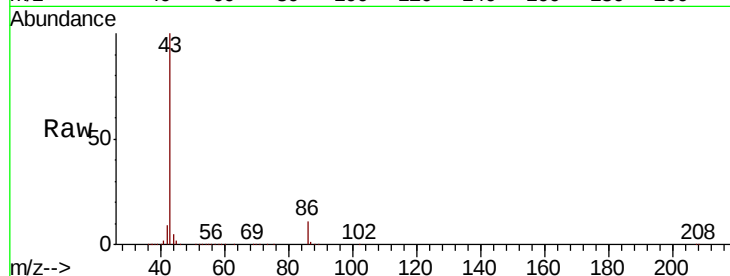
VX0701WBSD02

Tot Ion: 43 Resp: 674930

Ion Ratio Lower Upper

43 100

86 10.9 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.79

250000

200000

150000

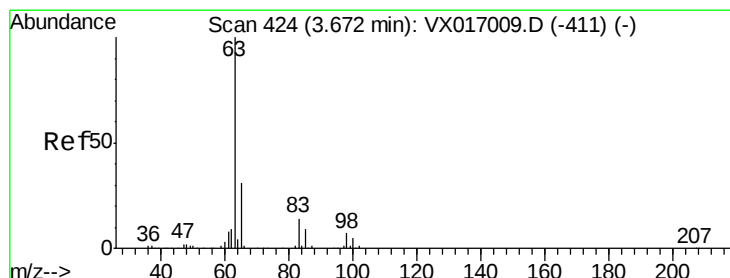
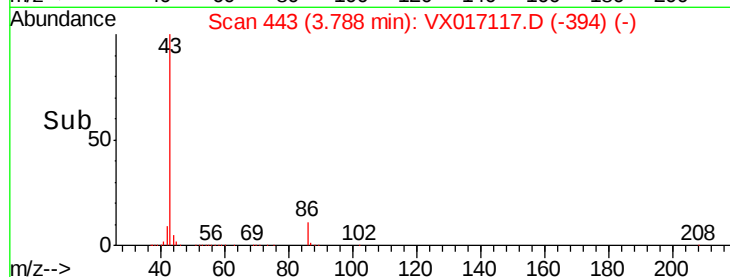
100000

50000

0

Time-->

3.70 3.80 3.90 4.00



#24

1,1-Dichloroethane

Concen: 18.872 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX017117.D

Acq: 01 Jul 2020 23:13

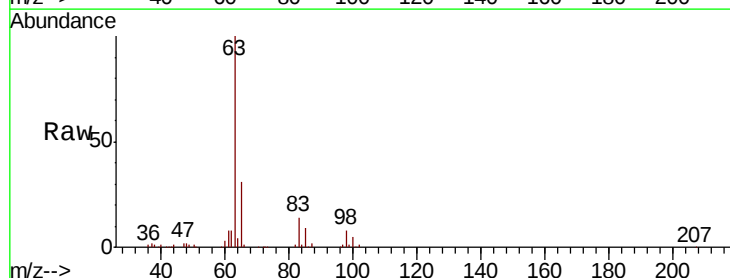
Tgt Ion: 63 Resp: 89425

Ion Ratio Lower Upper

63 100

98 8.2 3.6 10.8

100 4.7 2.4 7.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

50000

40000

30000

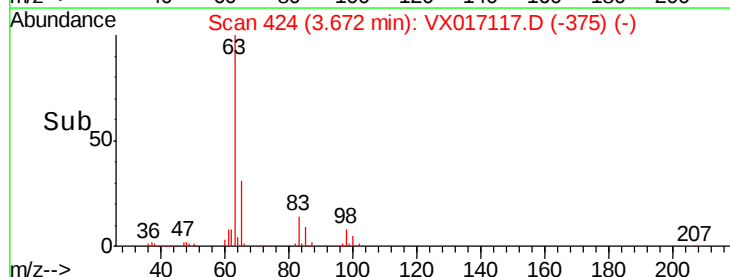
20000

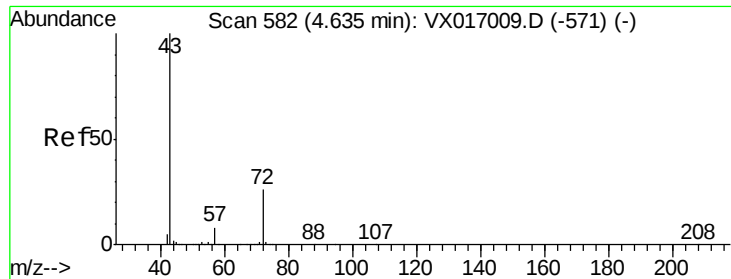
10000

0

Time-->

3.60 3.70 3.80

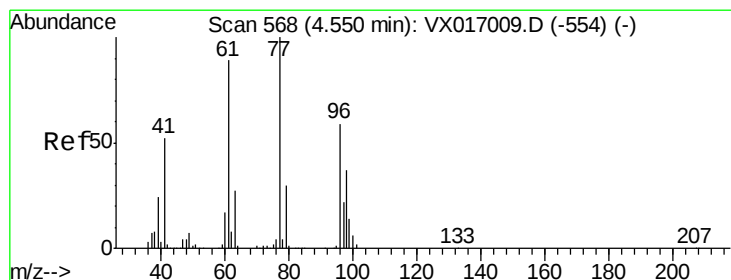
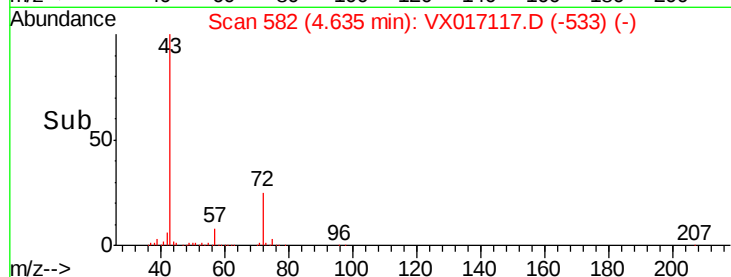
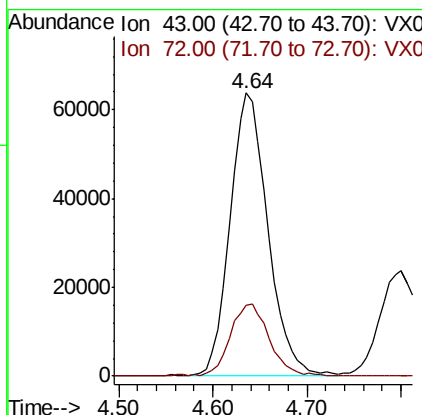
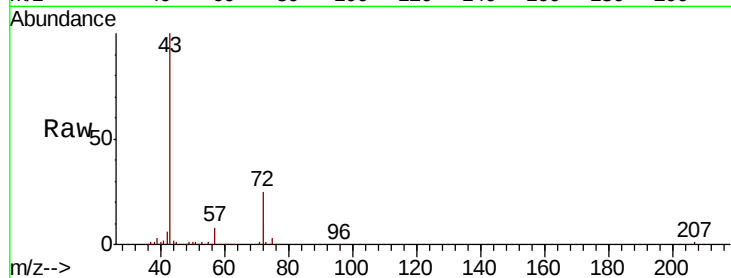




#25
 2-Butanone
 Concen: 93.932 ug/l
 RT: 4.64 min Scan# 582
 Delta R.T. -0.00 min
 Lab File: VX017117.D
 Acq: 01 Jul 2020 23:13

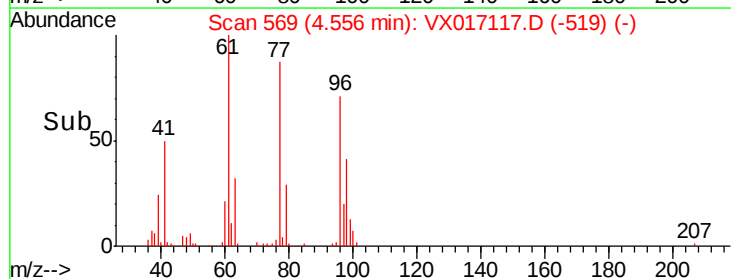
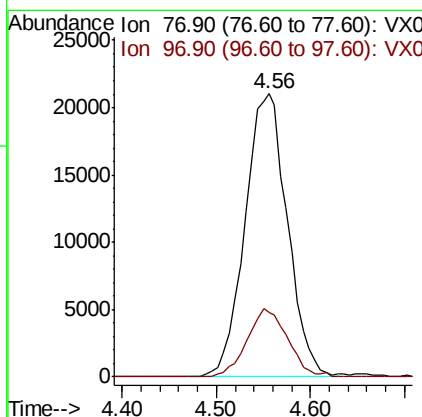
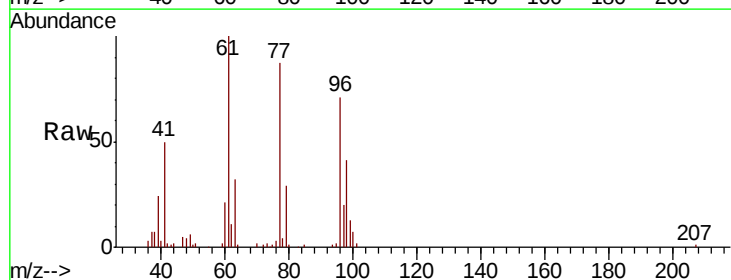
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0701WBSD02

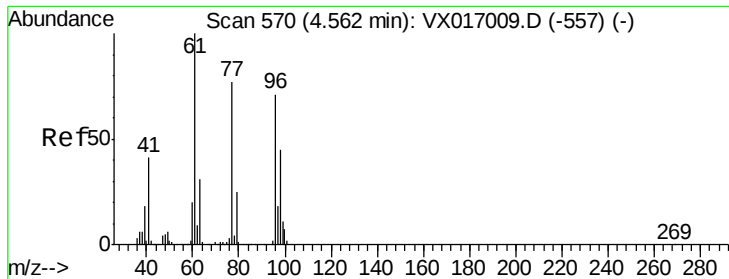
Tot Ion: 43 Resp: 177630
 Ion Ratio Lower Upper
 43 100
 72 25.1 20.8 31.2



#26
 2,2-Dichloropropane
 Concen: 15.745 ug/l
 RT: 4.56 min Scan# 569
 Delta R.T. 0.01 min
 Lab File: VX017117.D
 Acq: 01 Jul 2020 23:13

Tgt Ion: 77 Resp: 66244
 Ion Ratio Lower Upper
 77 100
 97 23.2 11.4 34.2



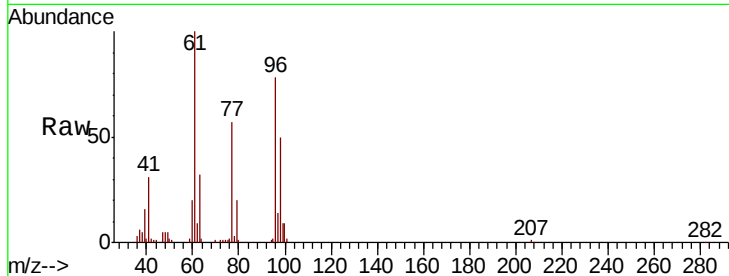


#27

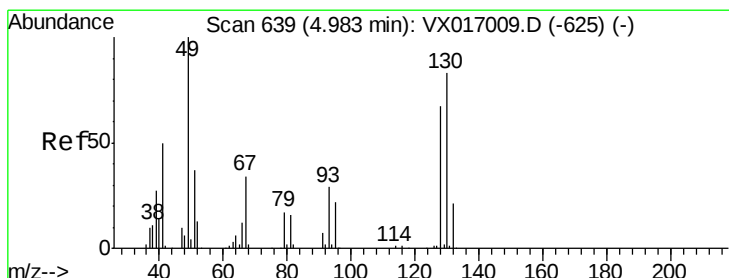
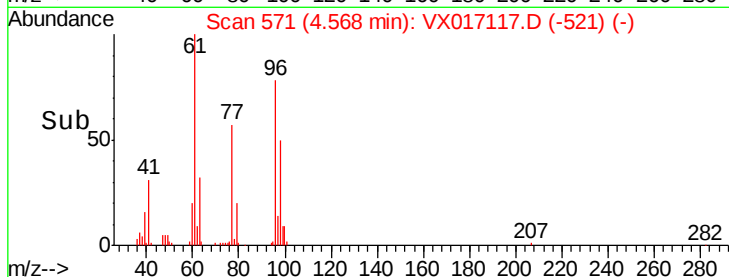
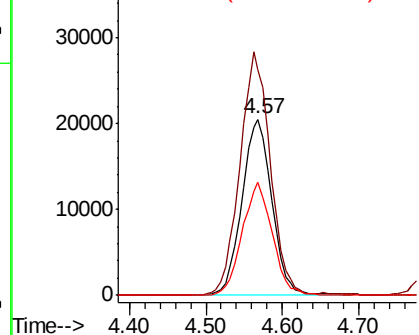
cis-1,2-Dichloroethene
Concen: 18.224 ug/l
RT: 4.57 min Scan# 571
Delta R.T. 0.01 min
Lab File: VX017117.D
Acq: 01 Jul 2020 23:13

Instrument :
MSVOA_X
ClientSampleId :
VX0701WBSD02

Tot Ion: 96 Resp: 55791
Ion Ratio Lower Upper
96 100
61 139.8 0.0 282.8
98 64.1 0.0 127.6



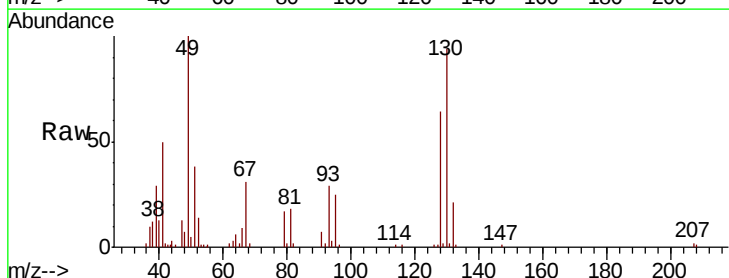
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



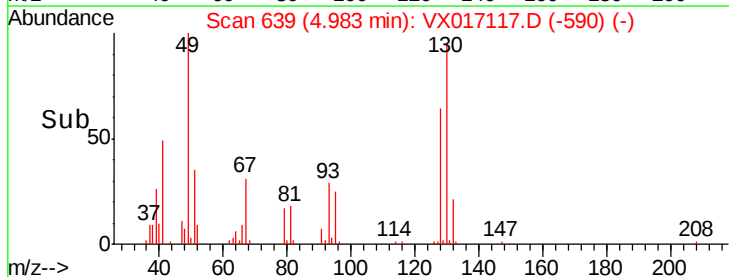
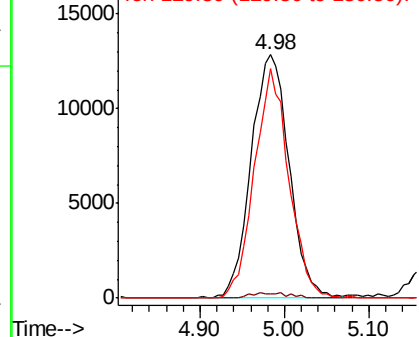
#28

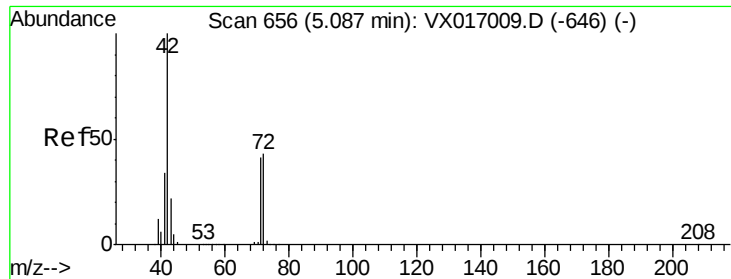
Bromochloromethane
Concen: 17.113 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX017117.D
Acq: 01 Jul 2020 23:13

Tgt Ion: 49 Resp: 39459
Ion Ratio Lower Upper
49 100
129 2.1 0.0 4.2
130 85.4 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

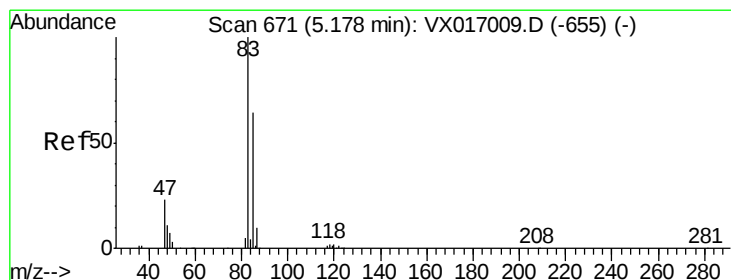
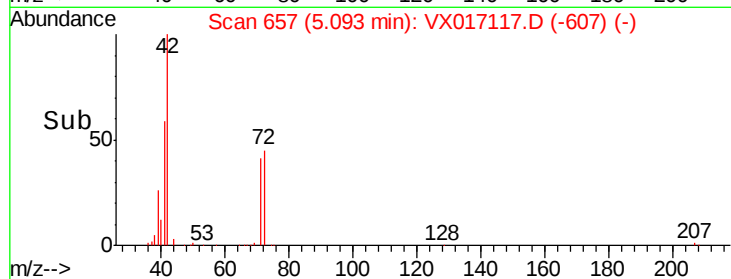
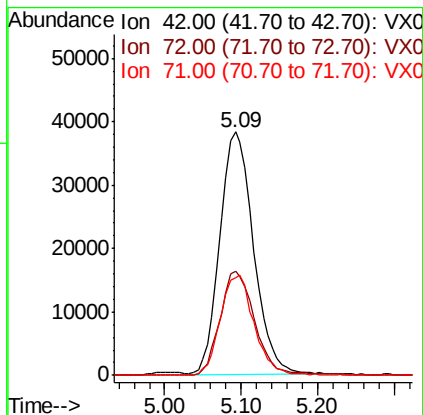
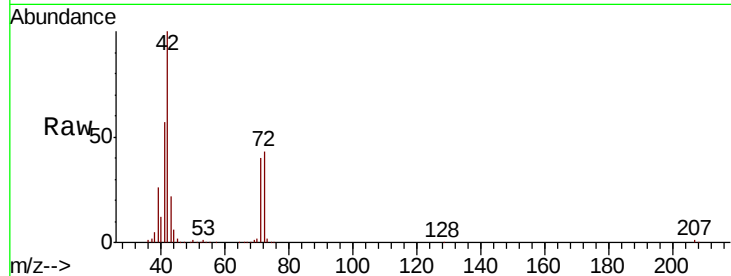




#29
Tetrahydrofuran
Concen: 93.350 ug/l
RT: 5.09 min Scan# 657
Delta R.T. 0.01 min
Lab File: VX017117.D
Acq: 01 Jul 2020 23:13

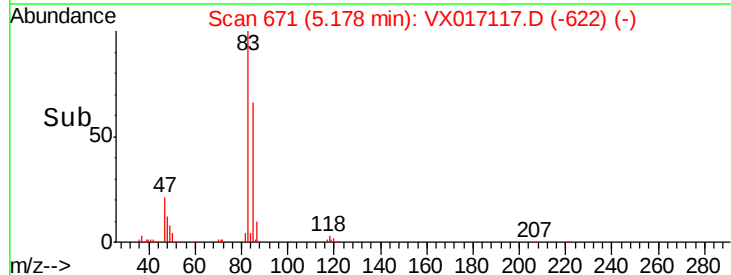
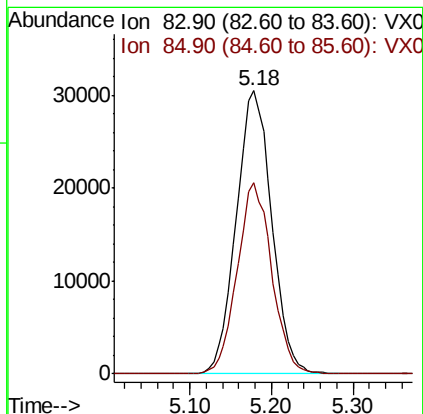
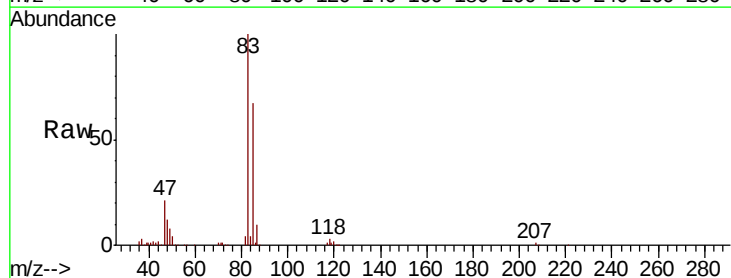
Instrument :
MSVOA_X
ClientSampleId :
VX0701WBSD02

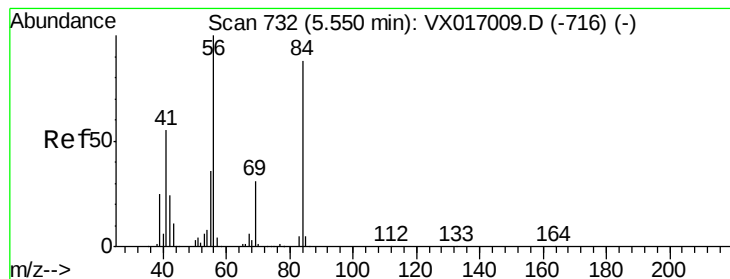
Tot Ion: 42 Resp: 116637
Ion Ratio Lower Upper
42 100
72 44.4 35.3 52.9
71 41.4 33.1 49.7



#30
Chloroform
Concen: 19.009 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX017117.D
Acq: 01 Jul 2020 23:13

Tgt Ion: 83 Resp: 92335
Ion Ratio Lower Upper
83 100
85 67.4 51.4 77.2





#31

Cyclohexane

Concen: 18.370 ug/l

RT: 5.56 min Scan# 733

Delta R.T. 0.01 min

Lab File: VX017117.D

Acq: 01 Jul 2020 23:13

Instrument :

MSVOA_X

ClientSampleId :

VX0701WBSD02

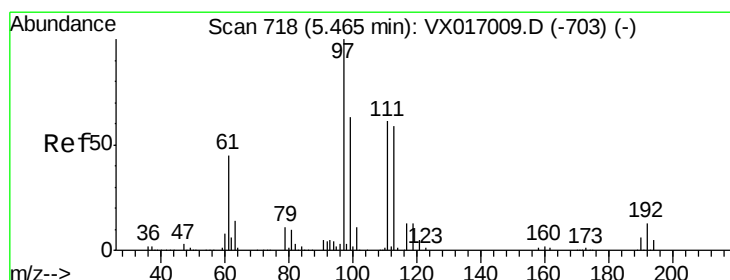
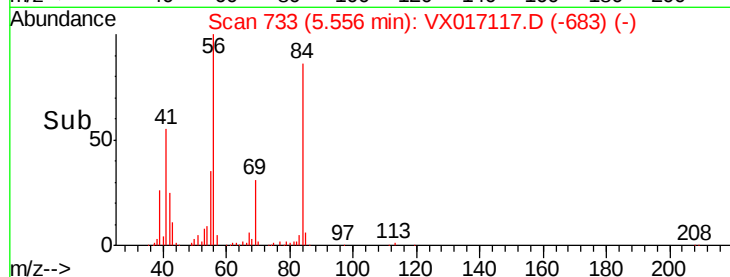
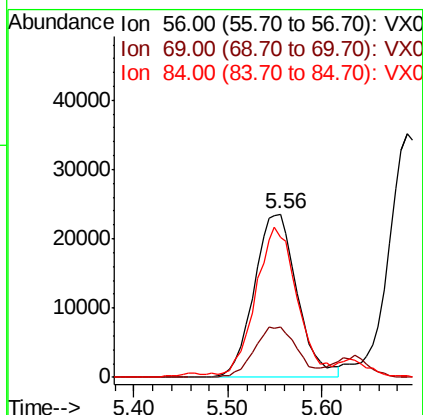
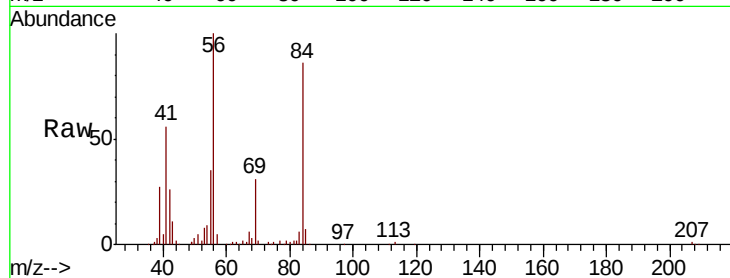
Tot Ion: 56 Resp: 75239

Ion Ratio Lower Upper

56 100

69 31.0 25.0 37.4

84 83.6 69.1 103.7



#32

1,1,1-Trichloroethane

Concen: 18.850 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX017117.D

Acq: 01 Jul 2020 23:13

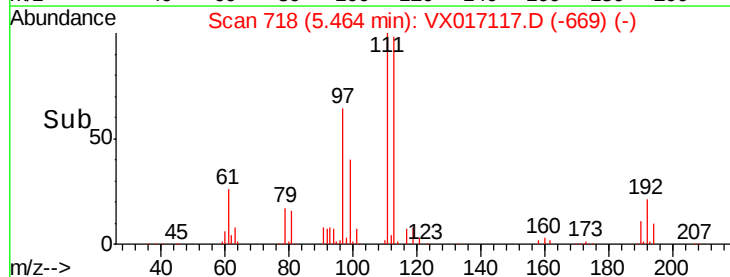
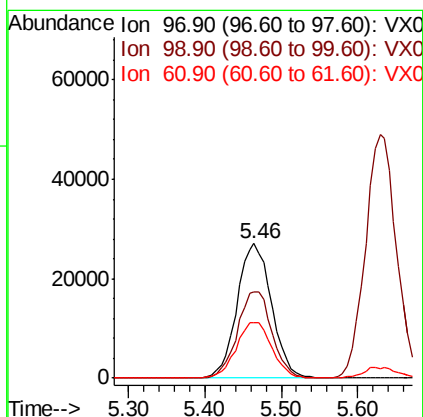
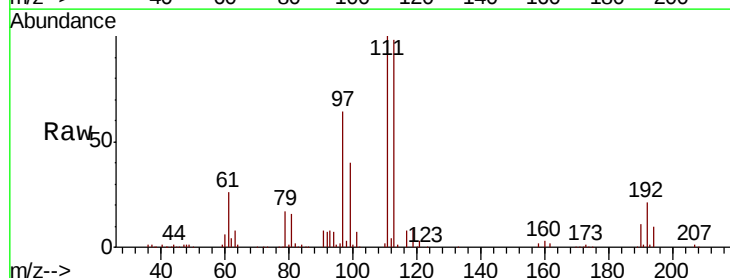
Tgt Ion: 97 Resp: 84325

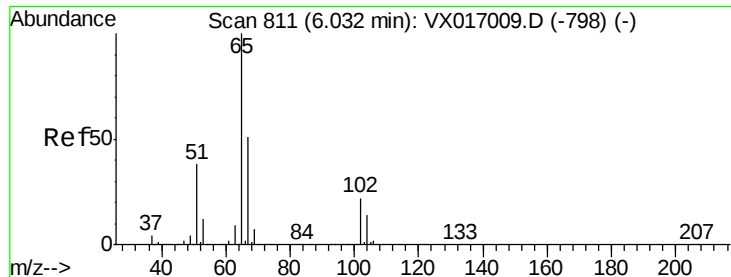
Ion Ratio Lower Upper

97 100

99 64.6 50.8 76.2

61 43.1 33.7 50.5

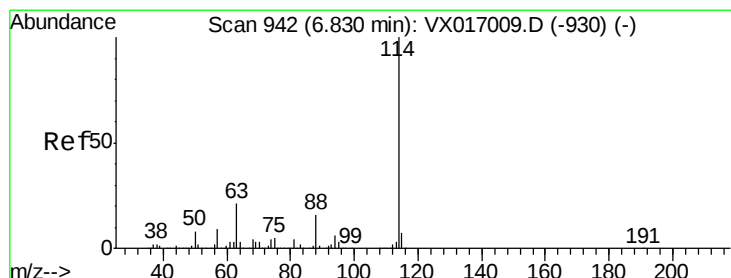
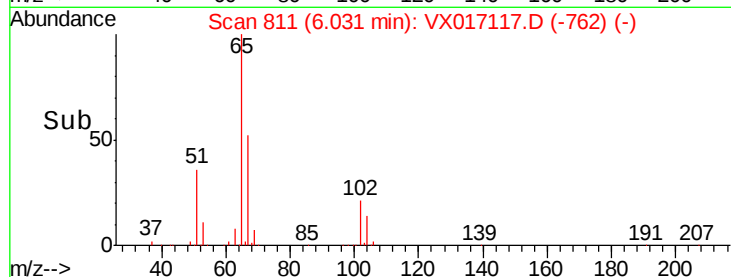
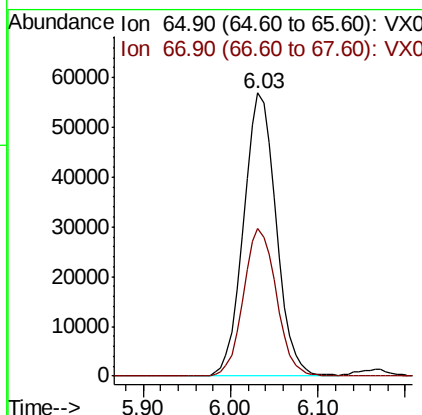
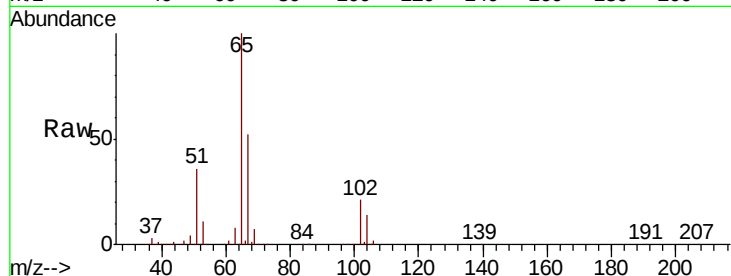




#33
 1,2-Dichloroethane-d4
 Concen: 48.473 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX017117.D
 Acq: 01 Jul 2020 23:13

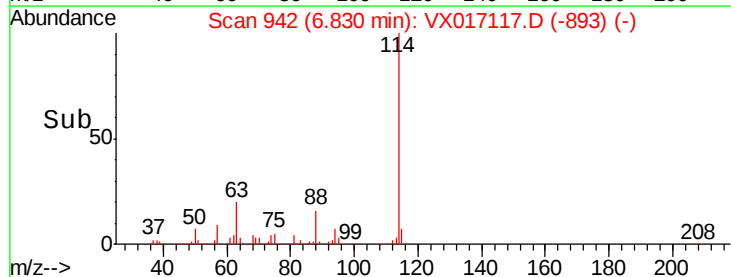
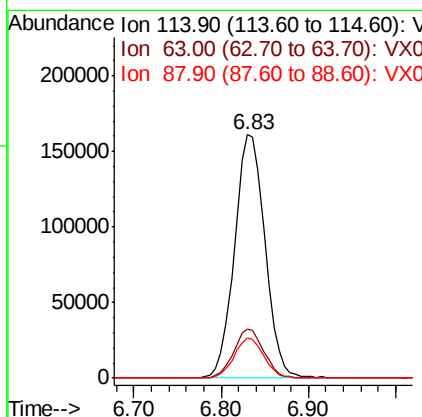
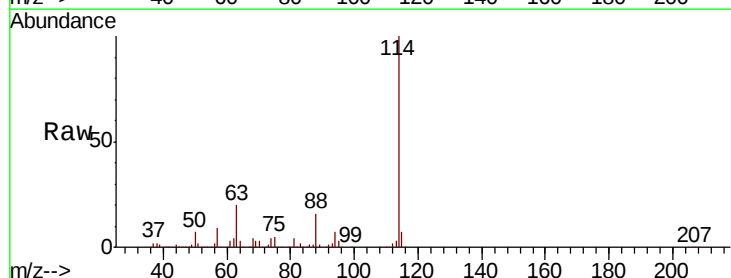
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0701WBSD02

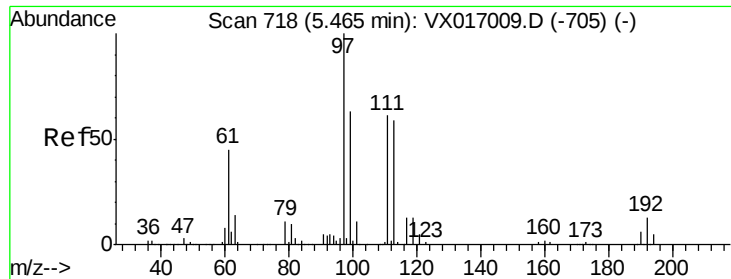
Tot Ion: 65 Resp: 147055
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX017117.D
 Acq: 01 Jul 2020 23:13

Tgt Ion: 114 Resp: 390485
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 41.4
 88 16.4 0.0 32.4

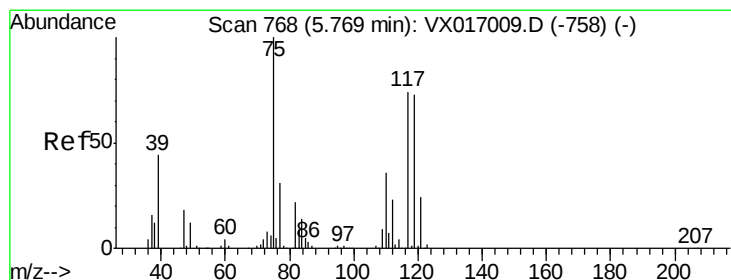
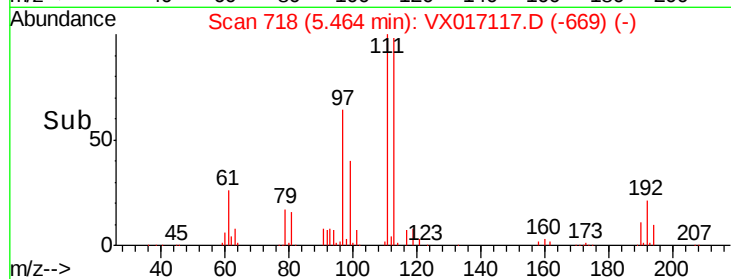
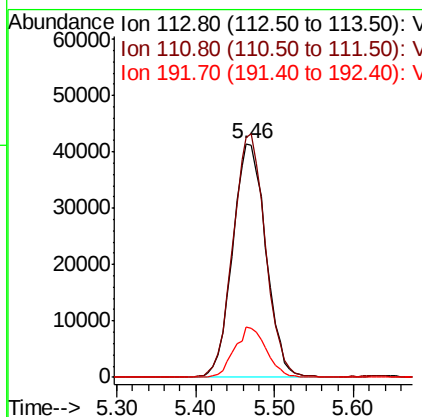
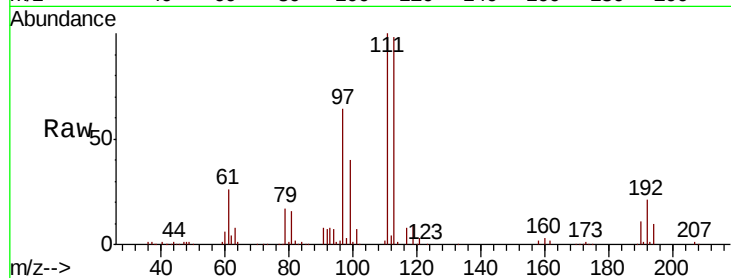




#35
 Dibromofluoromethane
 Concen: 49.193 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.00 min
 Lab File: VX017117.D
 Acq: 01 Jul 2020 23:13

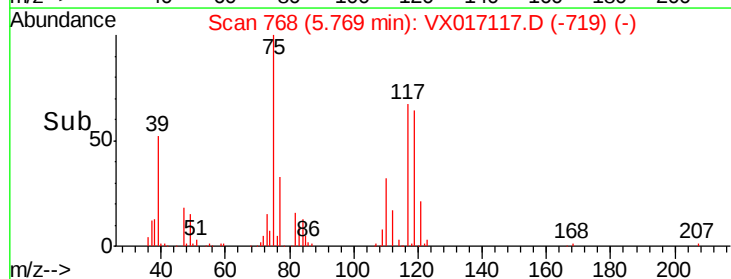
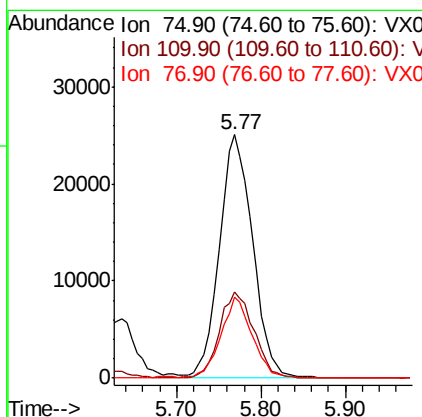
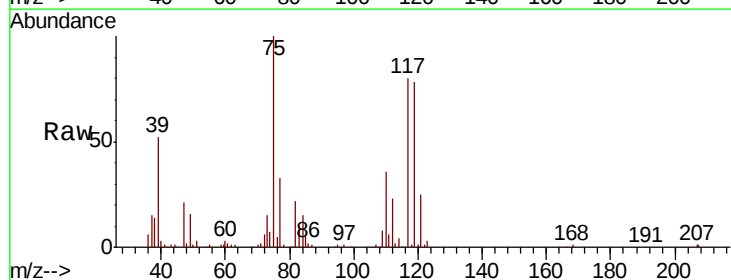
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0701WBSD02

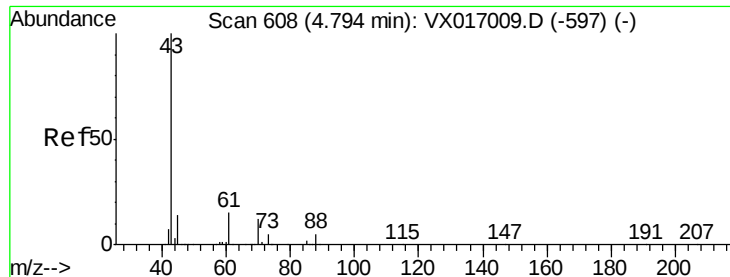
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.7	81.9	122.9
192	20.6	16.7	25.1



#36
 1,1-Dichloropropene
 Concen: 18.301 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: VX017117.D
 Acq: 01 Jul 2020 23:13

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.5	18.1	54.1
77	31.3	24.6	37.0

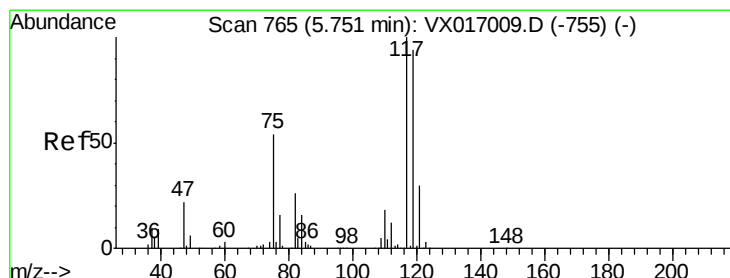
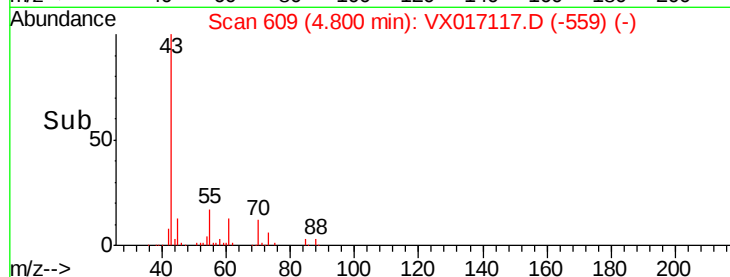
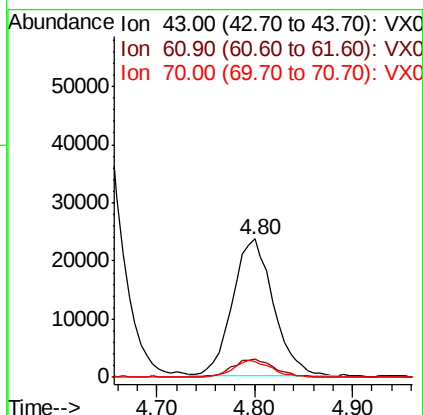
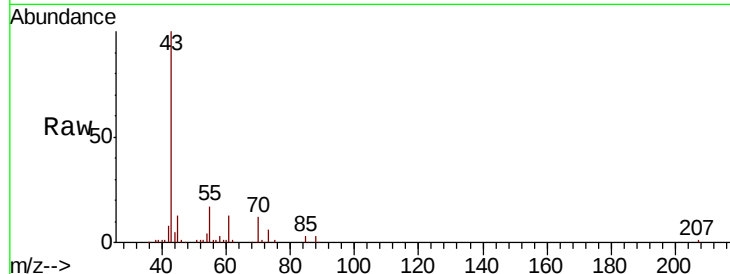




#37
Ethyl Acetate
Concen: 18.249 ug/l
RT: 4.80 min Scan# 609
Delta R.T. 0.01 min
Lab File: VX017117.D
Acq: 01 Jul 2020 23:13

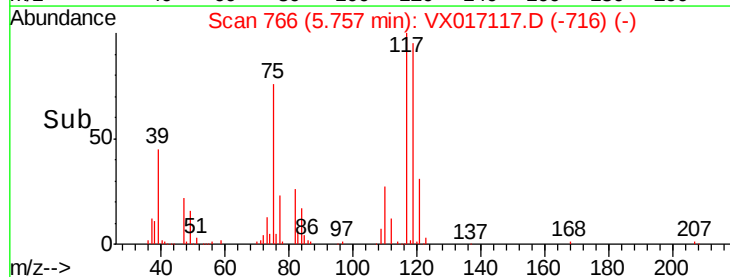
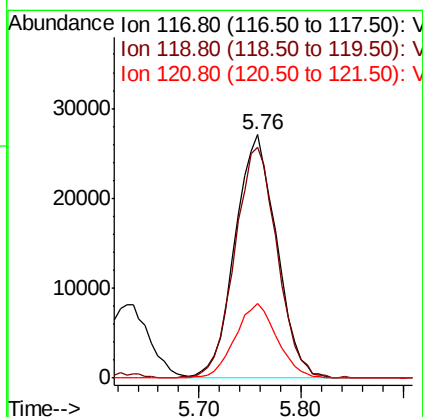
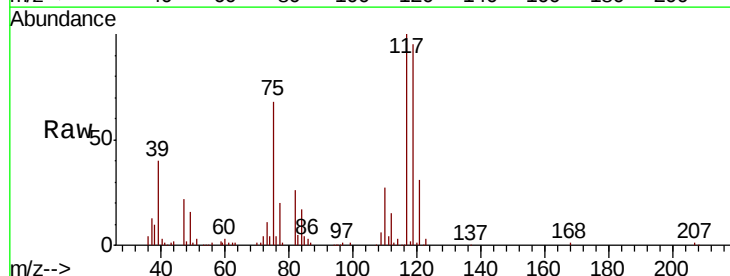
Instrument :
MSVOA_X
ClientSampleId :
VX0701WBSD02

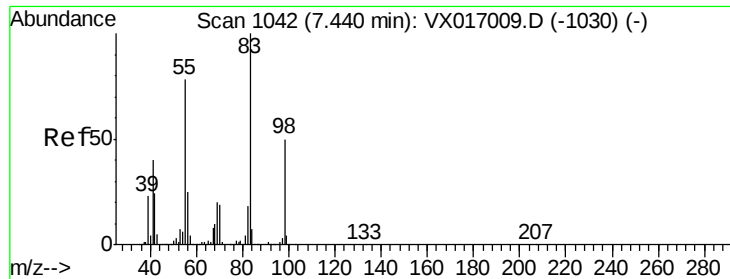
Tot Ion: 43 Resp: 68334
Ion Ratio Lower Upper
43 100
61 14.2 11.0 16.4
70 12.0 8.9 13.3



#38
Carbon Tetrachloride
Concen: 18.805 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.01 min
Lab File: VX017117.D
Acq: 01 Jul 2020 23:13

Tgt Ion: 117 Resp: 76439
Ion Ratio Lower Upper
117 100
119 94.8 75.4 113.0
121 30.9 23.8 35.6

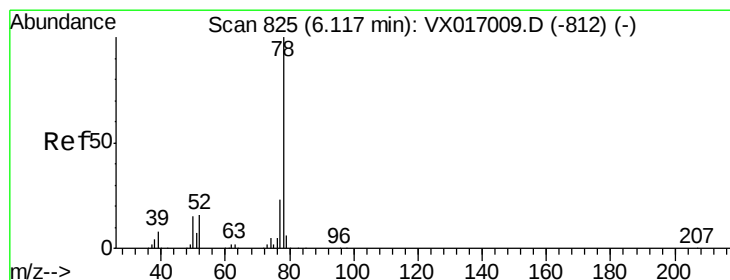
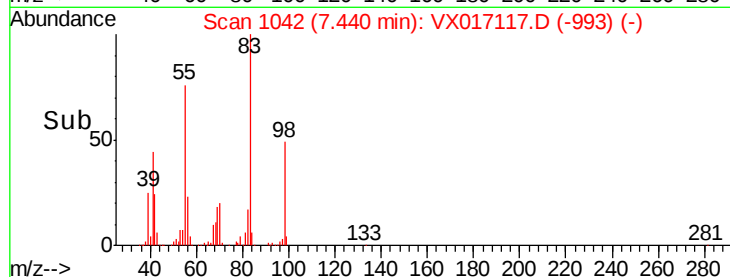
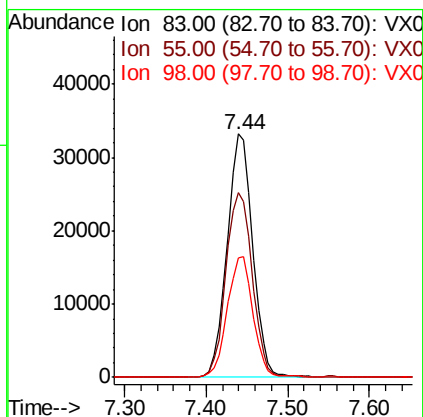
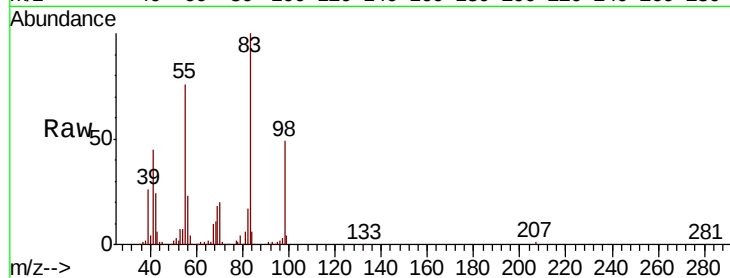




#39
Methvlcvclohexane
Concen: 17.430 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX017117.D
Acq: 01 Jul 2020 23:13

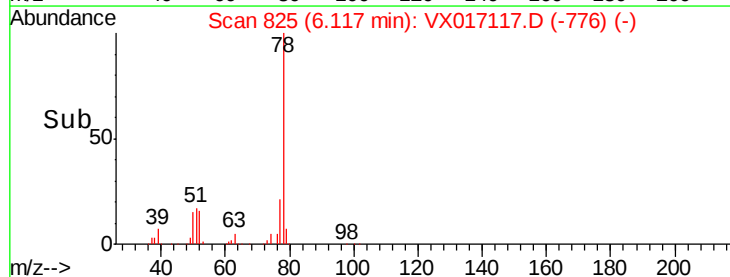
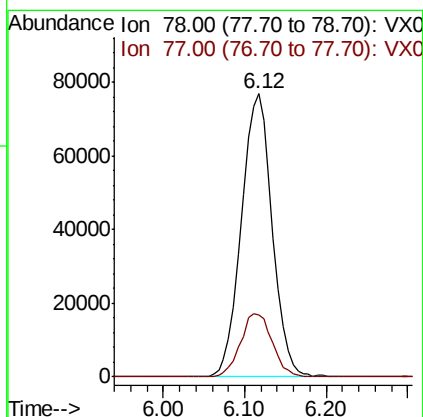
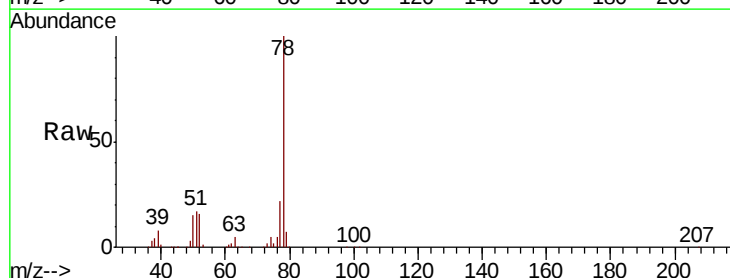
Instrument :
MSVOA_X
ClientSampleId :
VX0701WBSD02

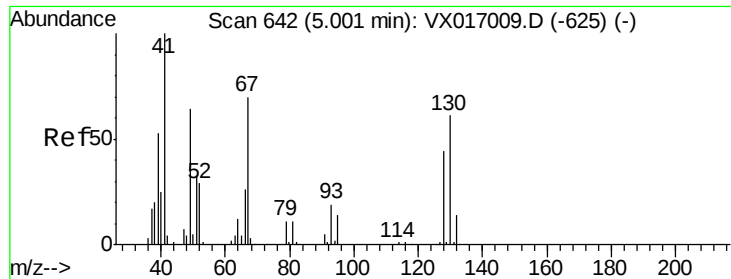
Tot Ion: 83 Resp: 71572
Ion Ratio Lower Upper
83 100
55 75.9 62.5 93.7
98 49.3 40.1 60.1



#40
Benzene
Concen: 18.587 ug/l
RT: 6.12 min Scan# 825
Delta R.T. -0.00 min
Lab File: VX017117.D
Acq: 01 Jul 2020 23:13

Tgt Ion: 78 Resp: 201549
Ion Ratio Lower Upper
78 100
77 21.7 18.3 27.5

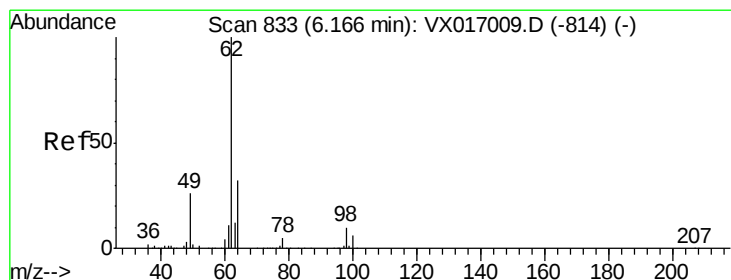
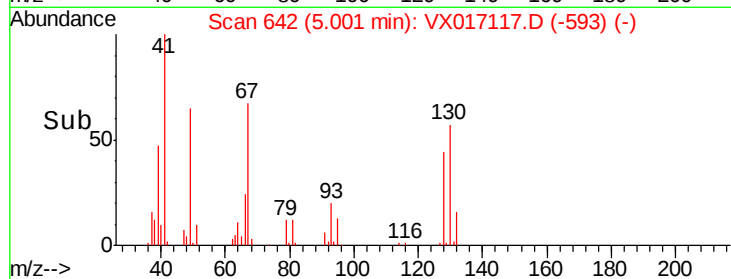
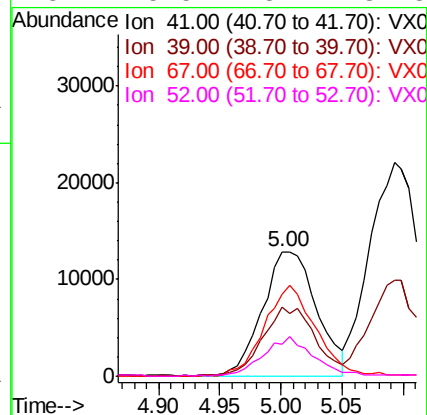
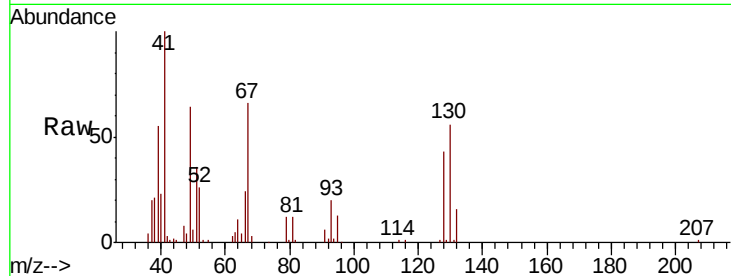




#41
Methacrylonitrile
Concen: 18.968 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.00 min
Lab File: VX017117.D
Acq: 01 Jul 2020 23:13

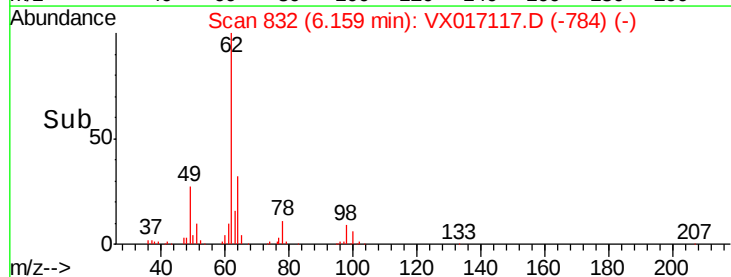
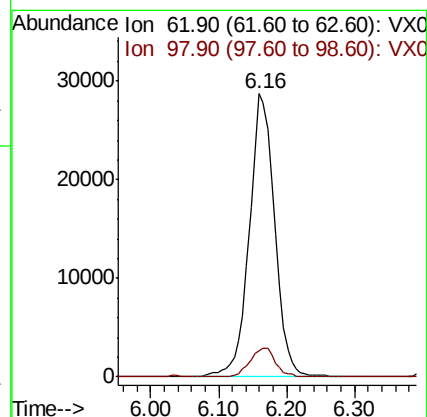
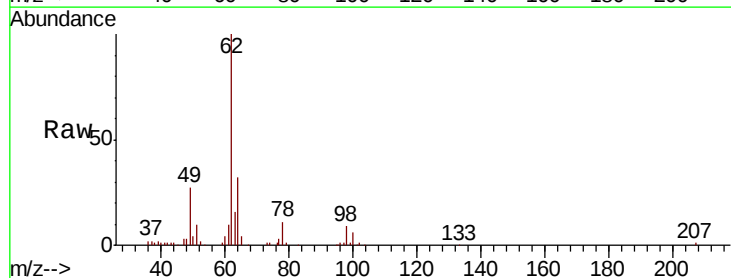
Instrument :
MSVOA_X
ClientSampleId :
VX0701WBSD02

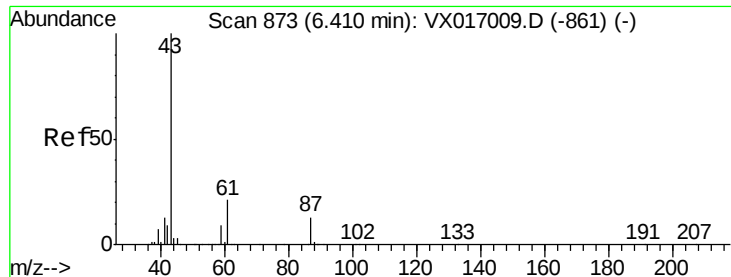
Tot Ion:	41	Resp:	39975
Ion	Ratio	Lower	Upper
41	100		
39	53.7	44.4	66.6
67	68.8	57.1	85.7
52	28.5	23.2	34.8



#42
1,2-Dichloroethane
Concen: 19.080 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX017117.D
Acq: 01 Jul 2020 23:13

Tgt Ion:	62	Resp:	74733
Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	19.2



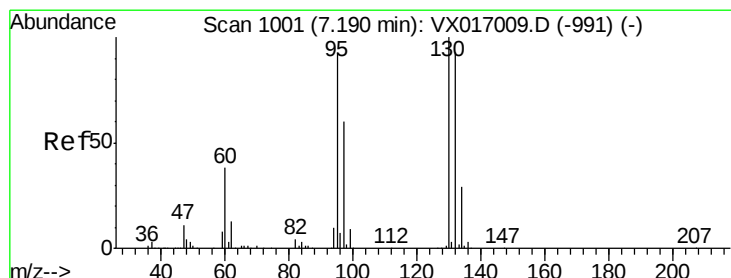
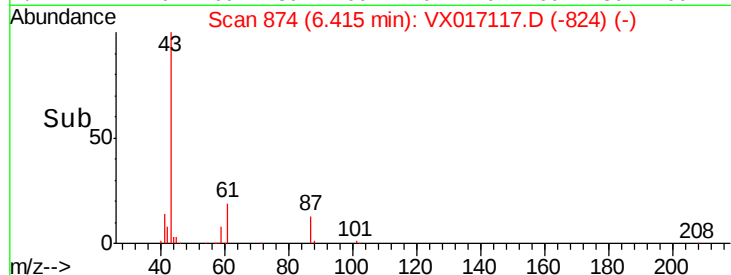
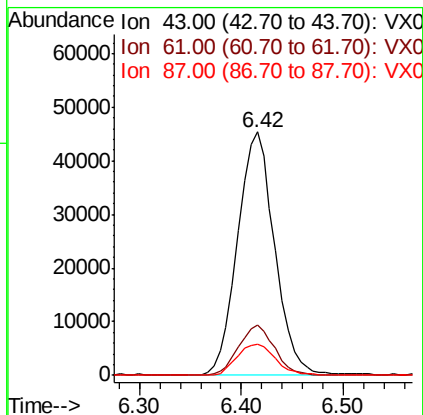
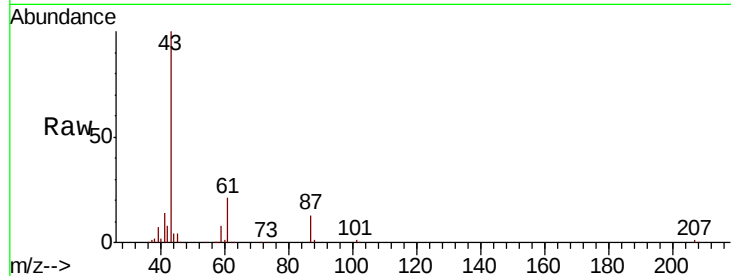


#43

Isopropyl Acetate
 Concen: 18.330 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. 0.01 min
 Lab File: VX017117.D
 Acq: 01 Jul 2020 23:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0701WBSD02

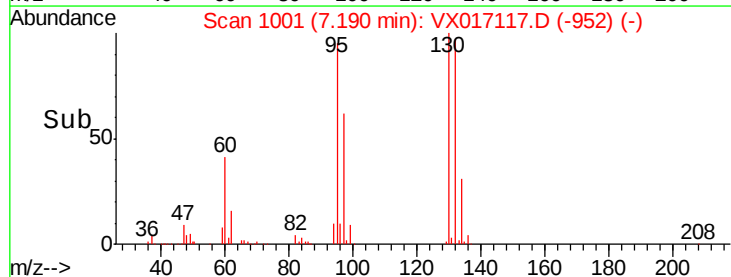
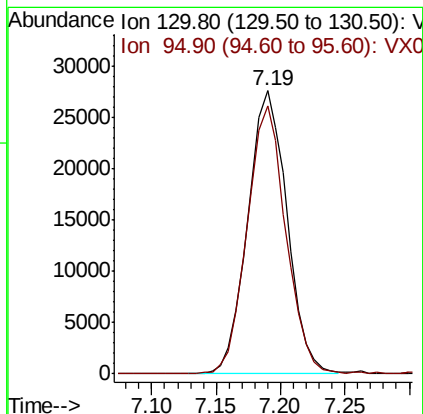
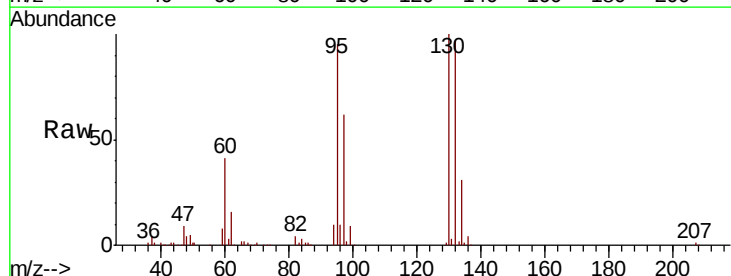
Tot Ion: 43 Resp: 114052
 Ion Ratio Lower Upper
 43 100
 61 20.2 16.2 24.2
 87 13.5 10.7 16.1

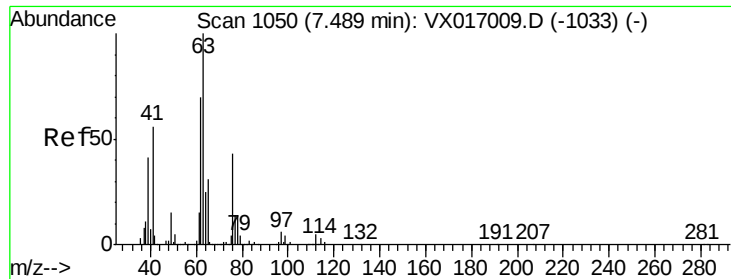


#44

Trichloroethene
 Concen: 19.254 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VX017117.D
 Acq: 01 Jul 2020 23:13

Tgt Ion: 130 Resp: 58182
 Ion Ratio Lower Upper
 130 100
 95 94.8 0.0 185.0





#45

1,2-Dichloropropane

Concen: 18.390 ug/l

RT: 7.49 min Scan# 1051

Delta R.T. 0.01 min

Lab File: VX017117.D

Acq: 01 Jul 2020 23:13

Instrument :

MSVOA_X

ClientSampleId :

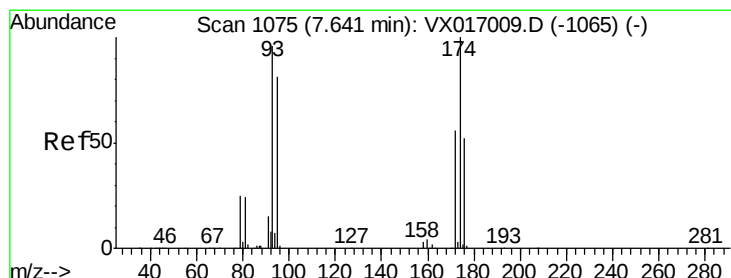
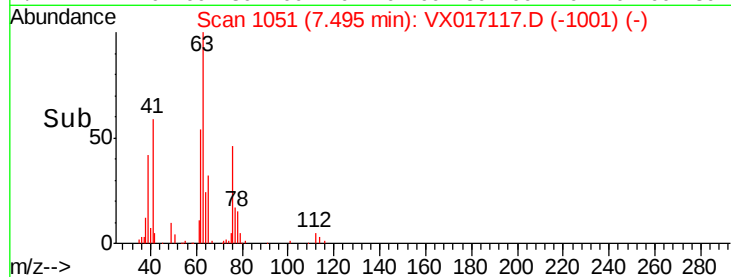
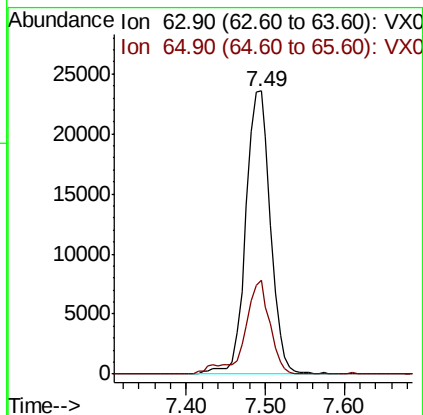
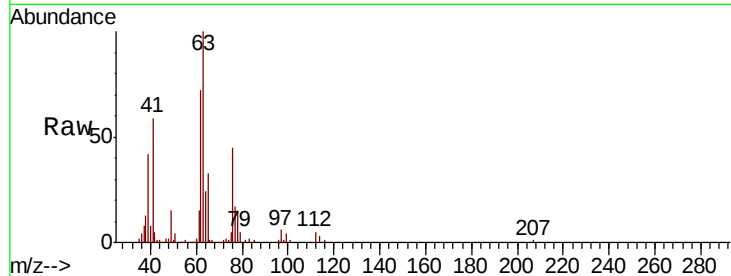
VX0701WBSD02

Tot Ion: 63 Resp: 51218

Ion Ratio Lower Upper

63 100

65 33.4 24.6 36.8



#46

Dibromomethane

Concen: 18.708 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX017117.D

Acq: 01 Jul 2020 23:13

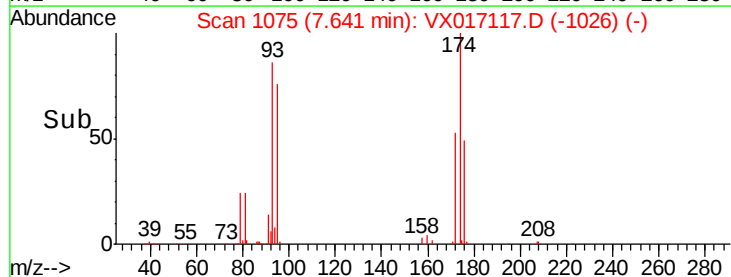
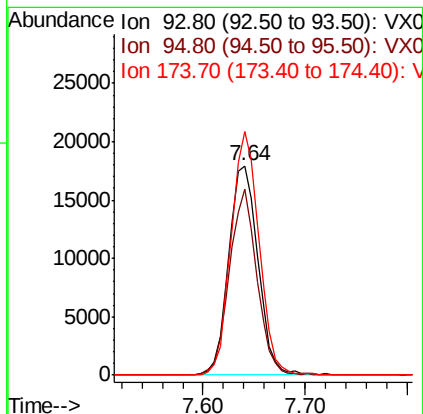
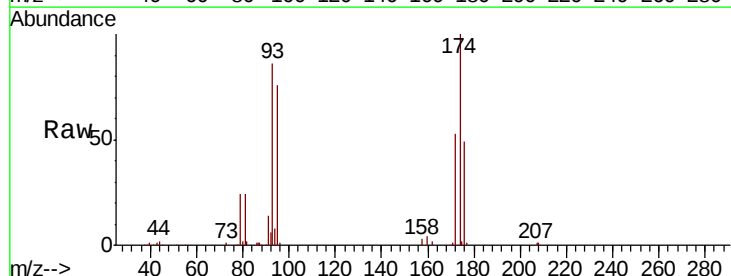
Tgt Ion: 93 Resp: 35571

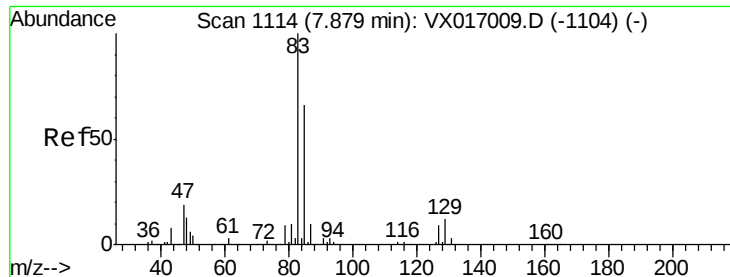
Ion Ratio Lower Upper

93 100

95 83.0 67.4 101.0

174 111.1 84.3 126.5





#47

Bromodichloromethane

Concen: 18.559 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX017117.D

Acq: 01 Jul 2020 23:13

Instrument :

MSVOA_X

ClientSampleId :

VX0701WBSD02

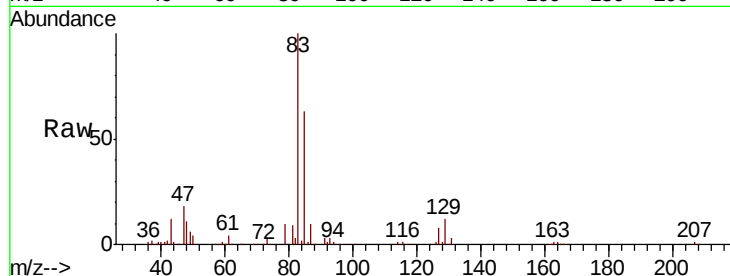
Tot Ion: 83 Resp: 72725

Ion Ratio Lower Upper

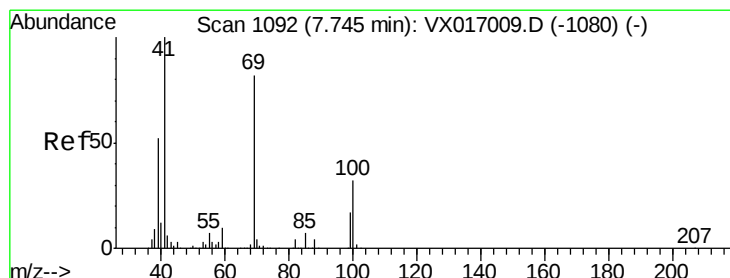
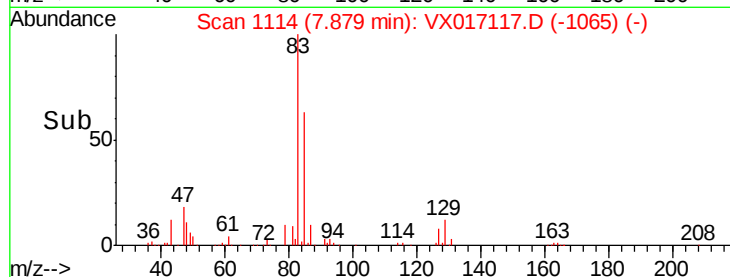
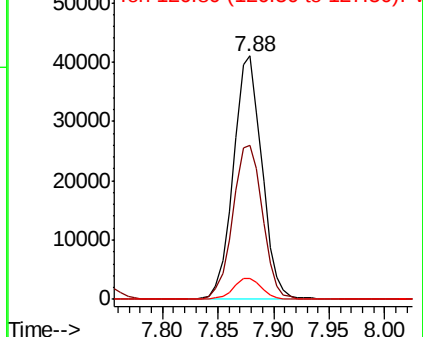
83 100

85 63.5 53.0 79.4

127 8.4 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: 18.735 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX017117.D

Acq: 01 Jul 2020 23:13

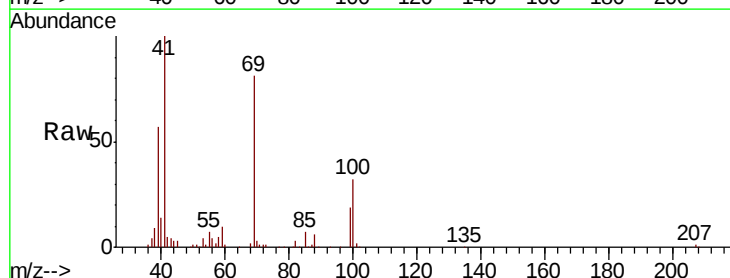
Tgt Ion: 41 Resp: 55383

Ion Ratio Lower Upper

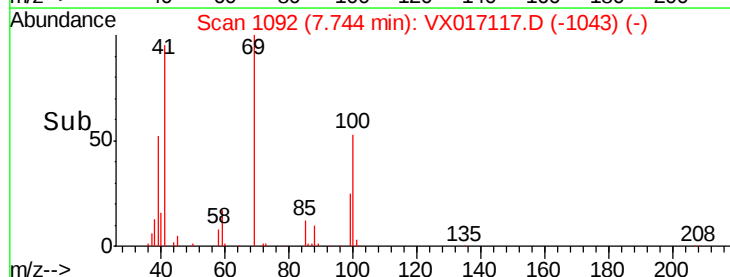
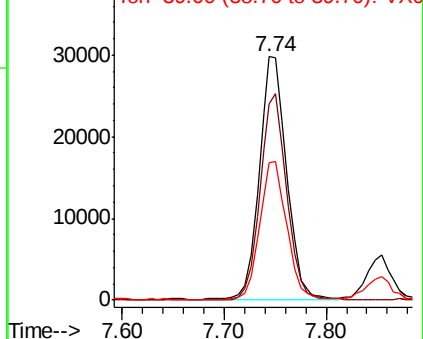
41 100

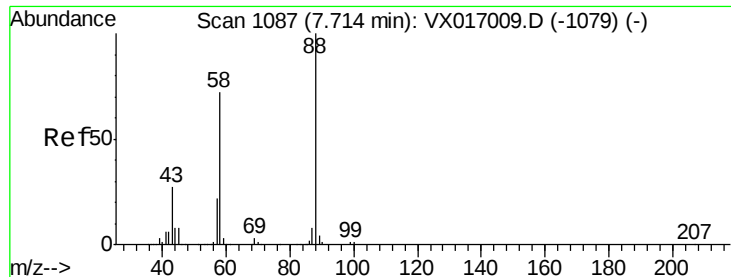
69 83.2 65.8 98.8

39 57.5 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: 349.556 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX017117.D

Acq: 01 Jul 2020 23:13

Instrument :

MSVOA_X

ClientSampleId :

VX0701WBSD02

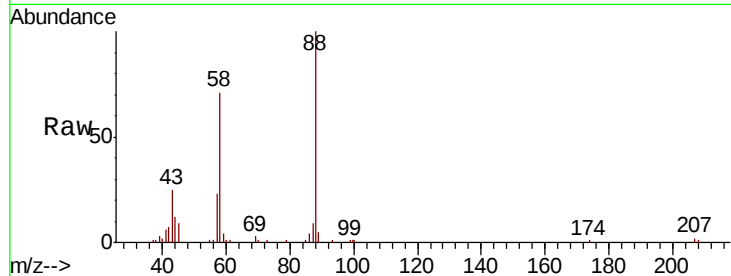
Tot Ion: 88 Resp: 23410

Ion Ratio Lower Upper

88 100

43 34.2 25.8 38.8

58 70.9 54.8 82.2

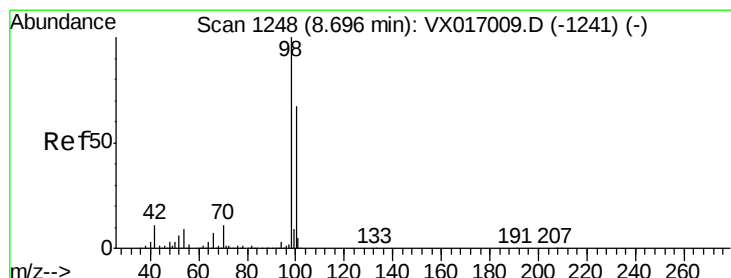
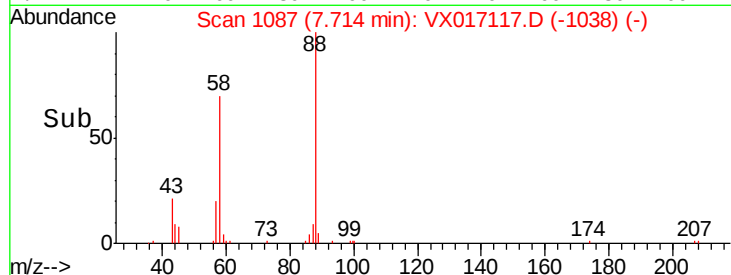
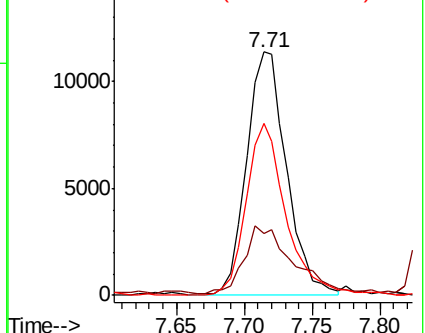


Abundance

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: 48.849 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX017117.D

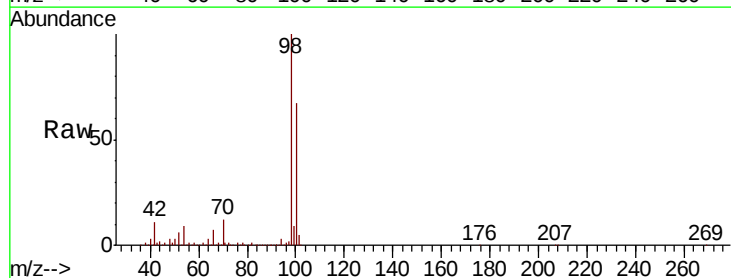
Acq: 01 Jul 2020 23:13

Tgt Ion: 98 Resp: 446178

Ion Ratio Lower Upper

98 100

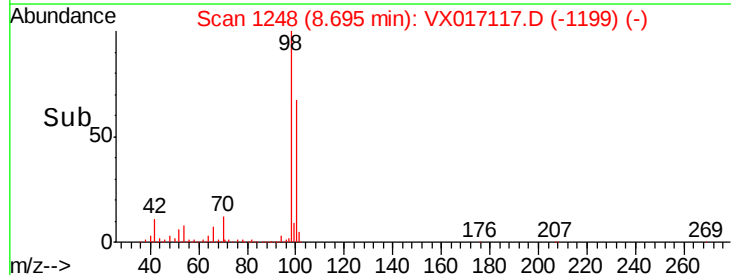
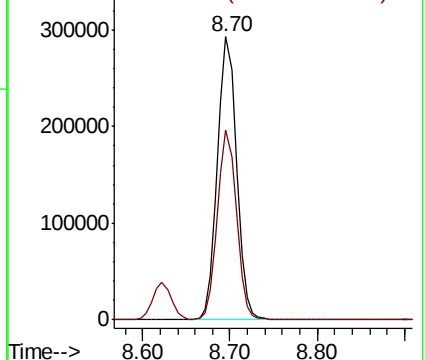
100 66.6 53.8 80.6

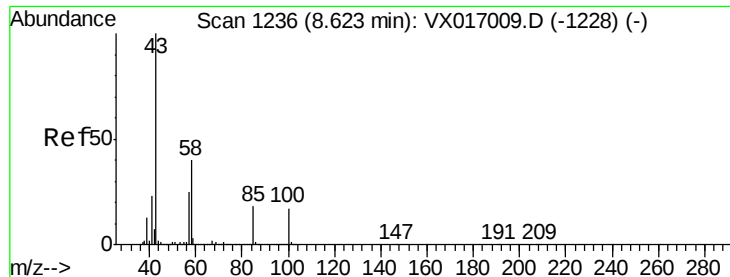


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

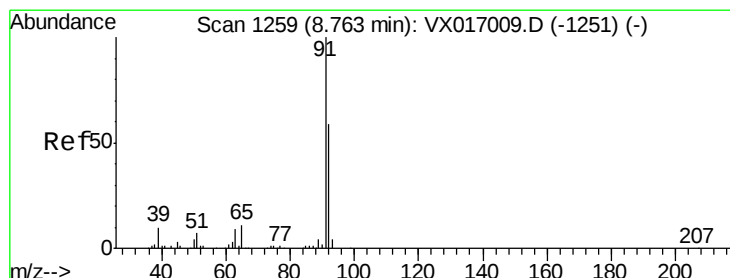
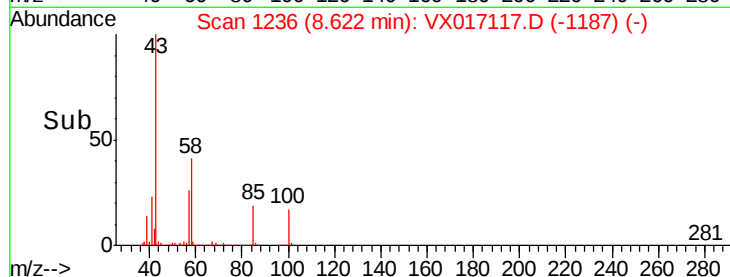
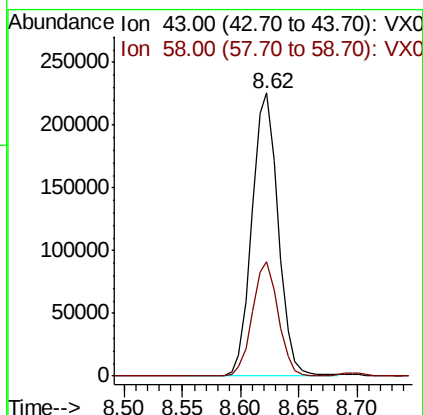
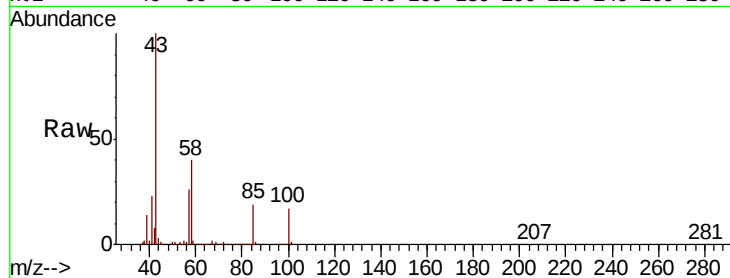




#51
 4-Methyl-2-Pentanone
 Concen: 95.747 ug/l
 RT: 8.62 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: VX017117.D
 Acq: 01 Jul 2020 23:13

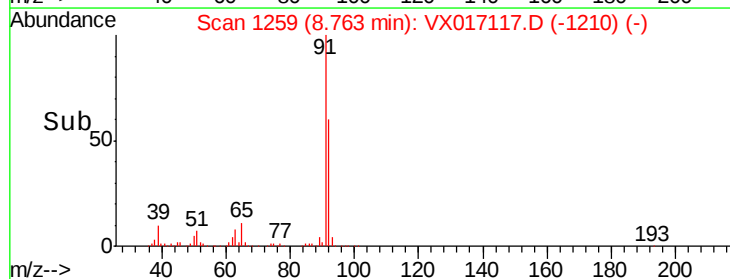
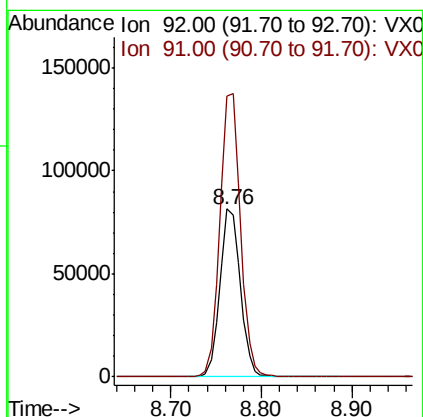
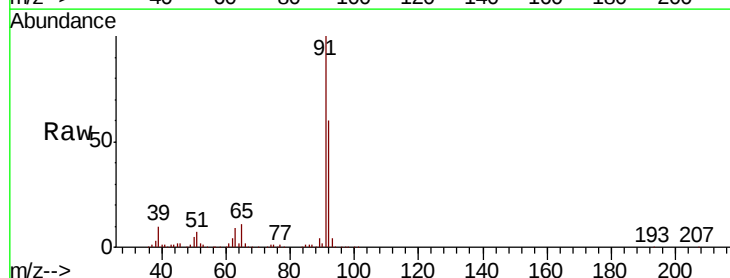
Instrument :
 MSVOA_X
 ClientSampleID :
 VX0701WBSD02

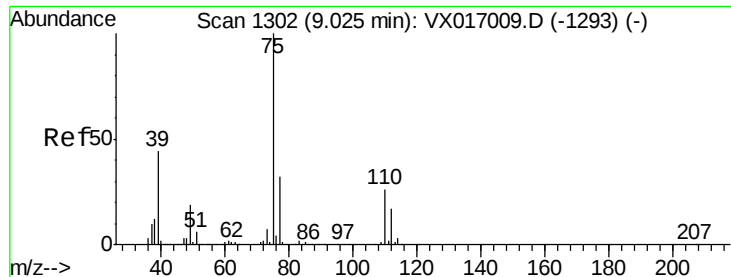
Tot Ion: 43 Resp: 355131
 Ion Ratio Lower Upper
 43 100
 58 39.8 31.9 47.9



#52
 Toluene
 Concen: 19.009 ug/l
 RT: 8.76 min Scan# 1259
 Delta R.T. -0.00 min
 Lab File: VX017117.D
 Acq: 01 Jul 2020 23:13

Tgt Ion: 92 Resp: 128694
 Ion Ratio Lower Upper
 92 100
 91 170.0 136.9 205.3





#53

t-1,3-Dichloropropene

Concen: 17.759 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX017117.D

Acq: 01 Jul 2020 23:13

Instrument :

MSVOA_X

ClientSampleId :

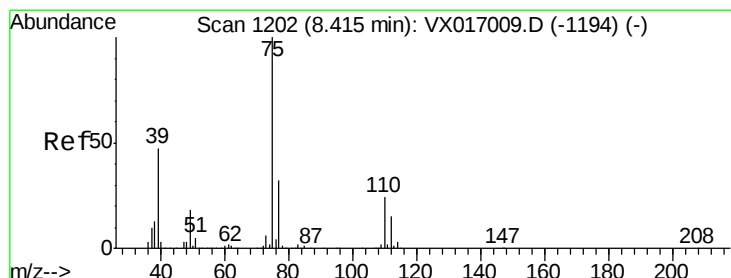
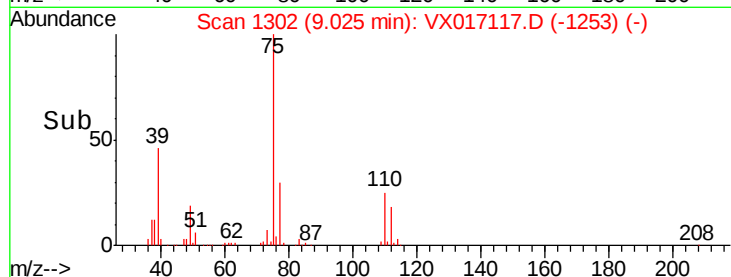
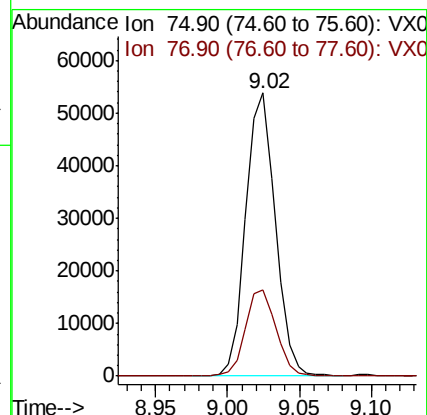
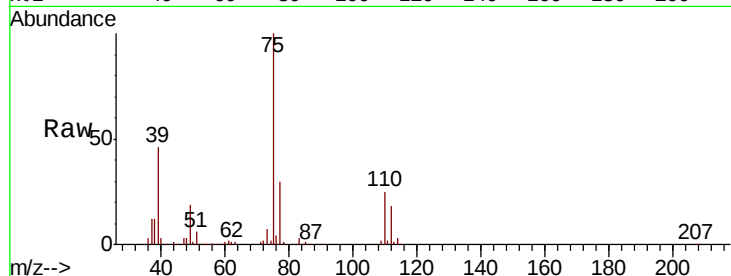
VX0701WBSD02

Tot Ion: 75 Resp: 76780

Ion Ratio Lower Upper

75 100

77 30.4 25.6 38.4



#54

cis-1,3-Dichloropropene

Concen: 18.144 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX017117.D

Acq: 01 Jul 2020 23:13

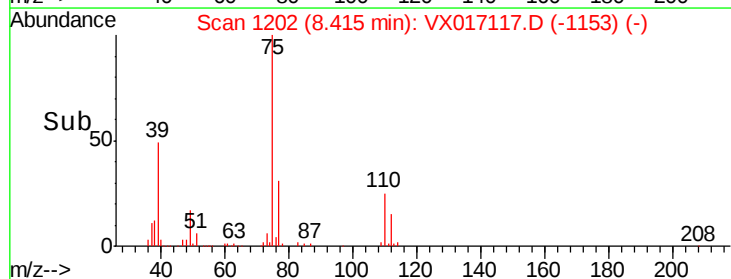
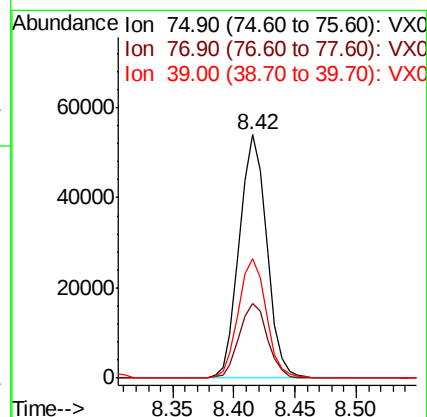
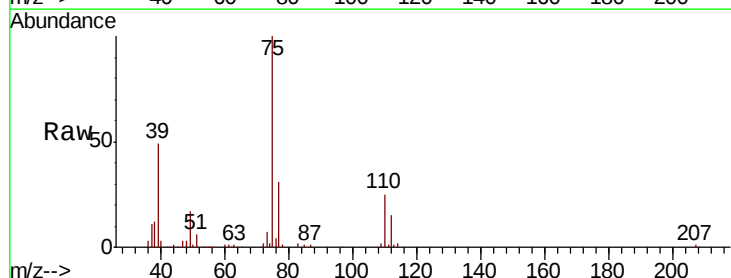
Tgt Ion: 75 Resp: 84090

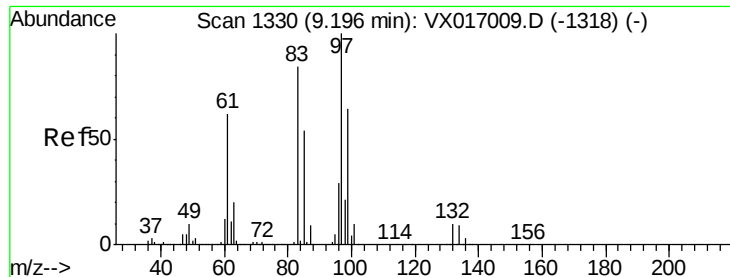
Ion Ratio Lower Upper

75 100

77 30.6 25.2 37.8

39 48.6 37.4 56.2

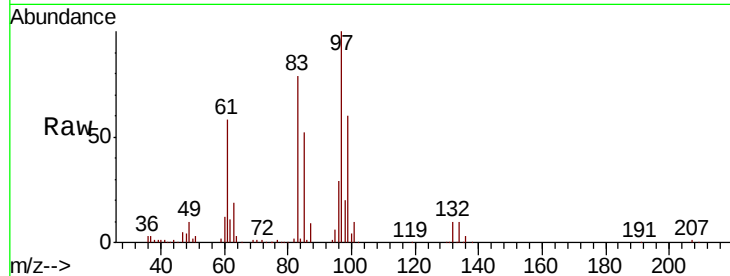




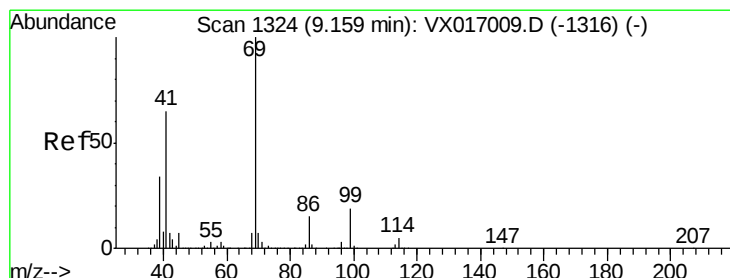
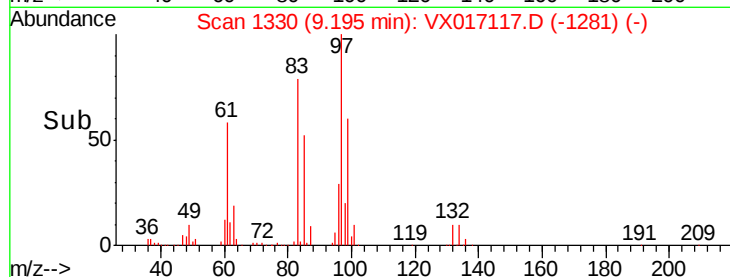
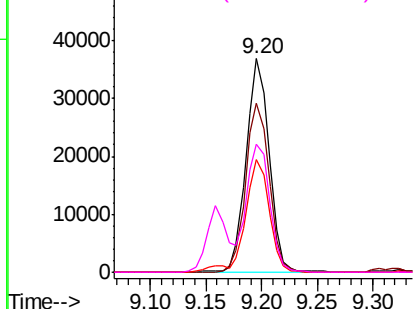
#55
 1,1,2-Trichloroethane
 Concen: 19.275 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX017117.D
 Acq: 01 Jul 2020 23:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0701WBSD02

Tot Ion:	97	Resp:	53316
Ion	Ratio	Lower	Upper
97	100		
83	78.9	67.0	100.6
85	52.5	43.5	65.3
99	59.8	51.0	76.6

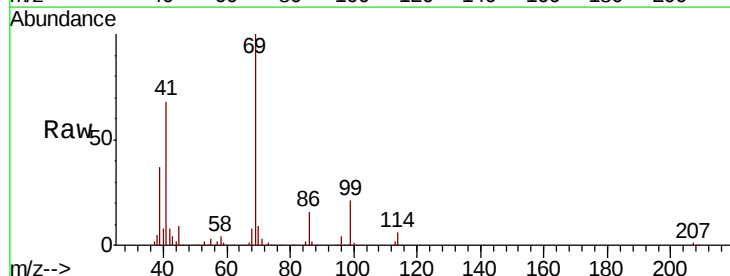


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

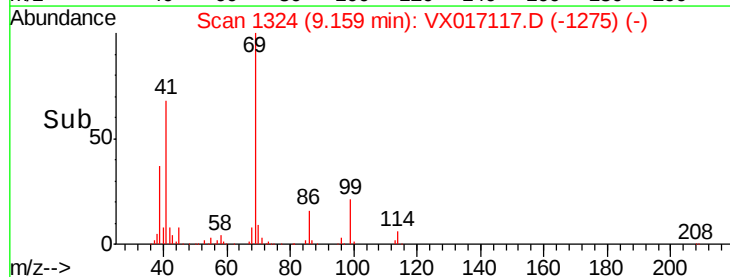
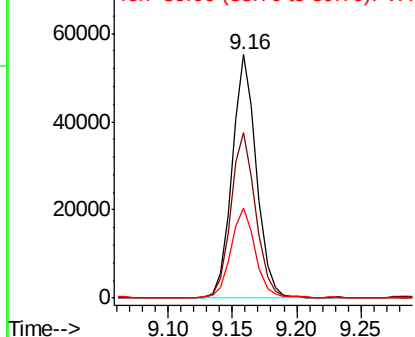


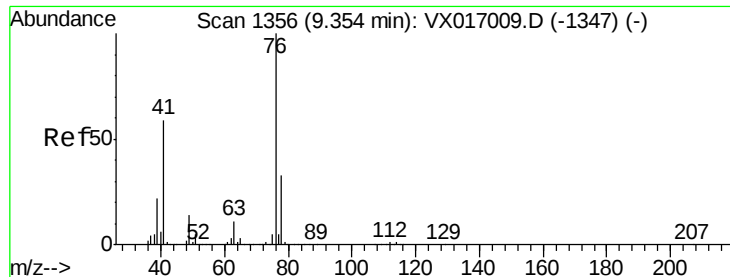
#56
 Ethyl methacrylate
 Concen: 18.496 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX017117.D
 Acq: 01 Jul 2020 23:13

Tgt Ion:	69	Resp:	72817
Ion	Ratio	Lower	Upper
69	100		
41	69.3	53.6	80.4
39	37.1	28.2	42.2



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





#57

1,3-Dichloropropane

Concen: 18.545 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX017117.D

Acq: 01 Jul 2020 23:13

Instrument :

MSVOA_X

ClientSampleId :

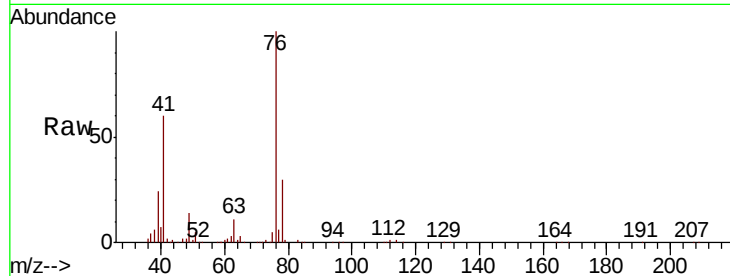
VX0701WBSD02

Tot Ion: 76 Resp: 86799

Ion Ratio Lower Upper

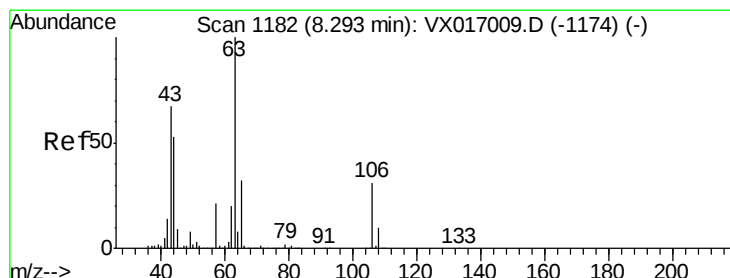
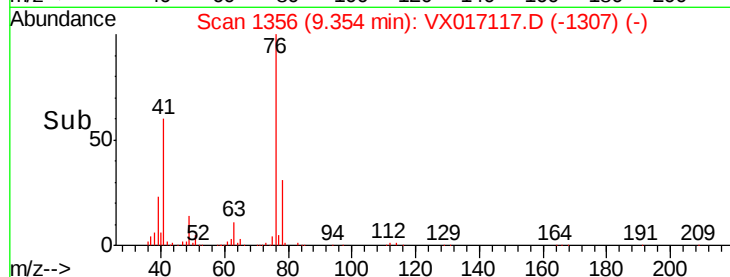
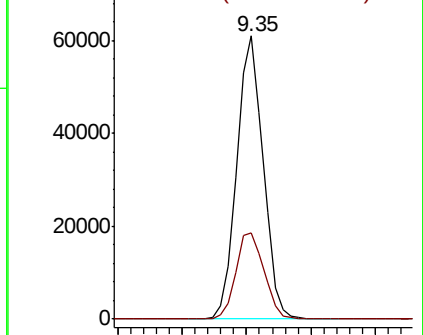
76 100

78 32.7 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: 93.374 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX017117.D

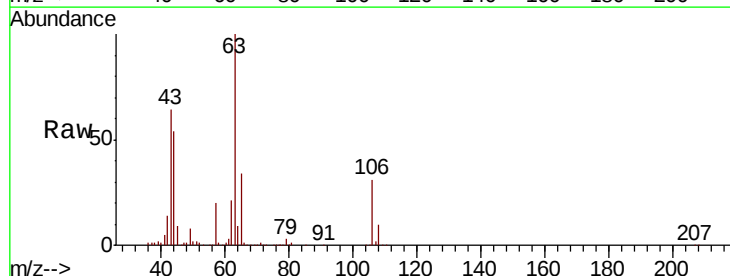
Acq: 01 Jul 2020 23:13

Tgt Ion: 63 Resp: 182958

Ion Ratio Lower Upper

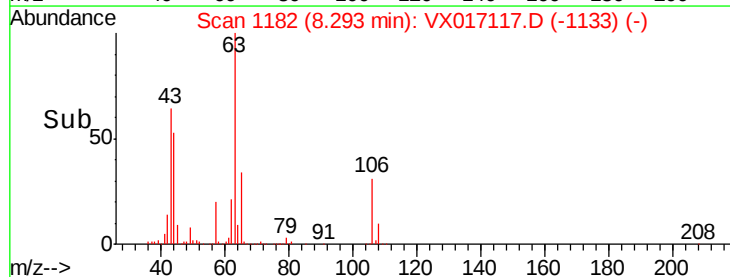
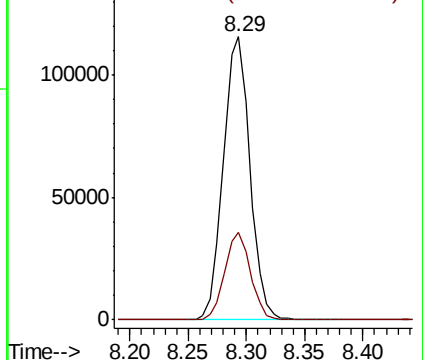
63 100

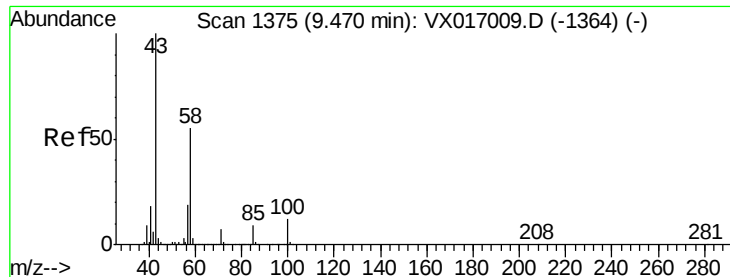
106 30.1 24.0 36.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

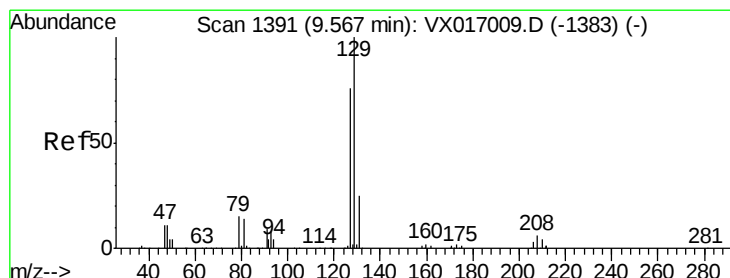
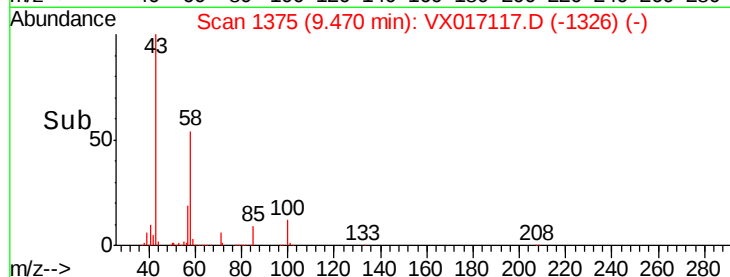
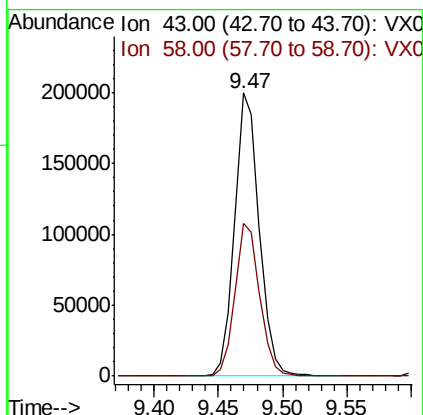
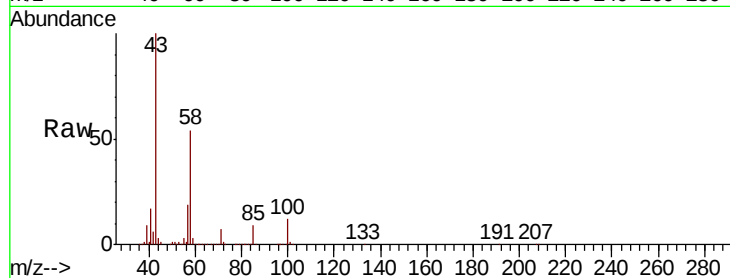




#59
2-Hexanone
Concen: 98.305 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX017117.D
Acq: 01 Jul 2020 23:13

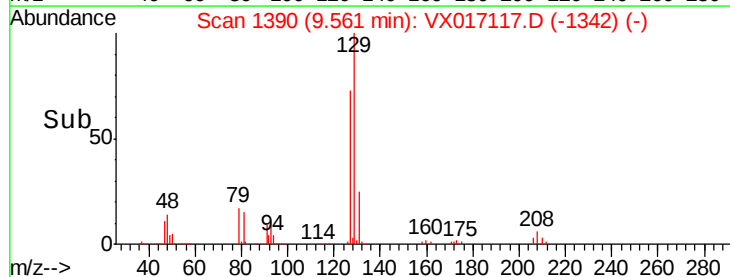
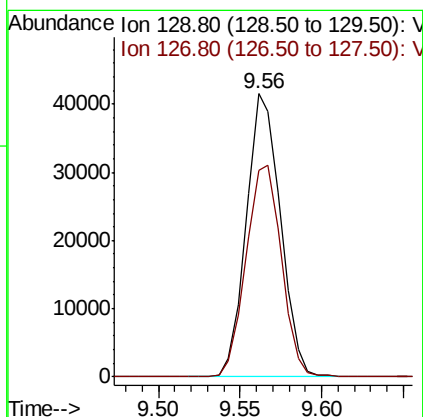
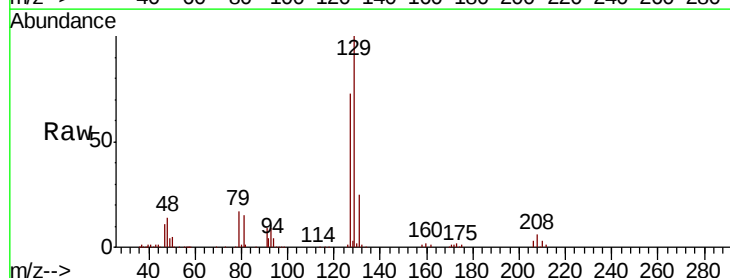
Instrument :
MSVOA_X
ClientSampleId :
VX0701WBSD02

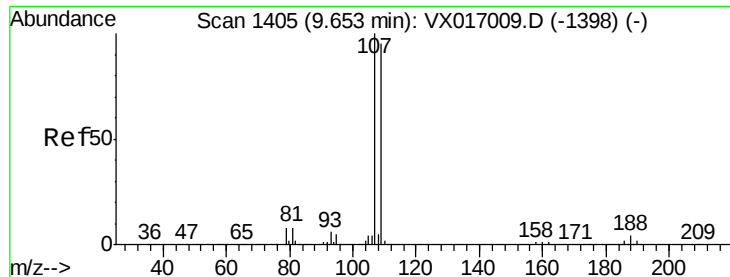
Tot Ion: 43 Resp: 266295
Ion Ratio Lower Upper
43 100
58 54.4 27.9 83.6



#60
Dibromochloromethane
Concen: 18.951 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX017117.D
Acq: 01 Jul 2020 23:13

Tgt Ion: 129 Resp: 60883
Ion Ratio Lower Upper
129 100
127 77.4 38.9 116.7

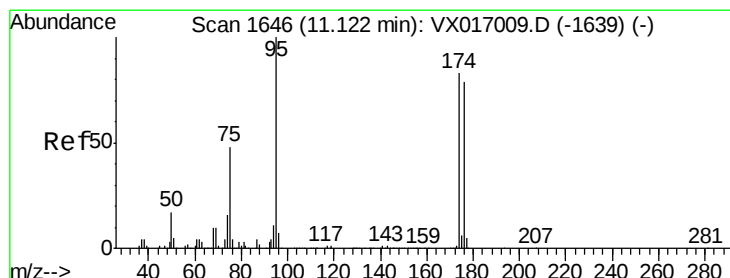
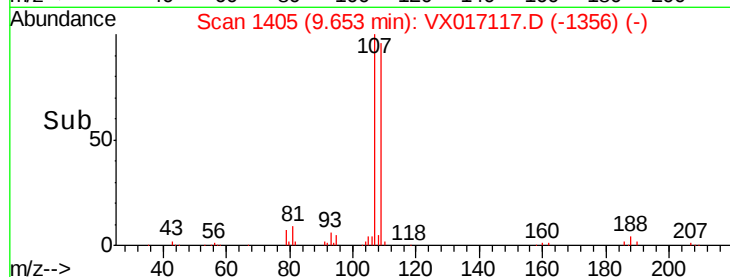
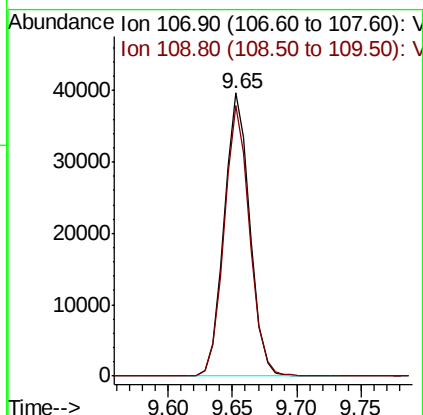
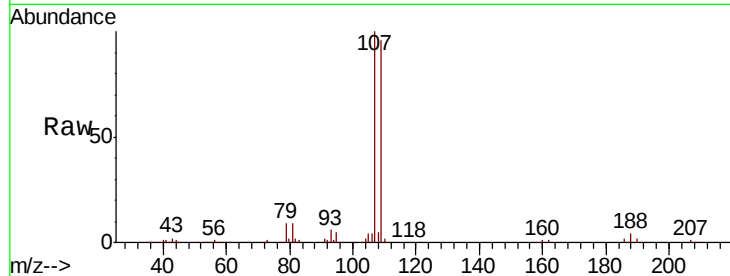




#61
 1,2-Dibromoethane
 Concen: 18.708 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: VX017117.D
 Acq: 01 Jul 2020 23:13

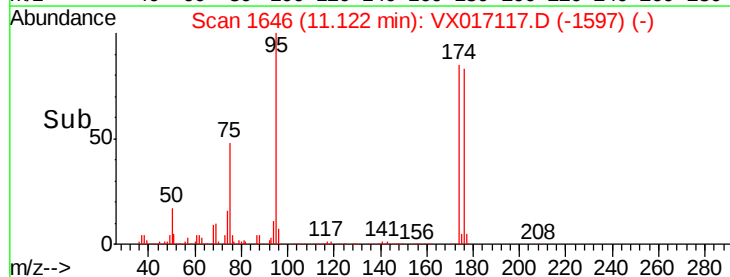
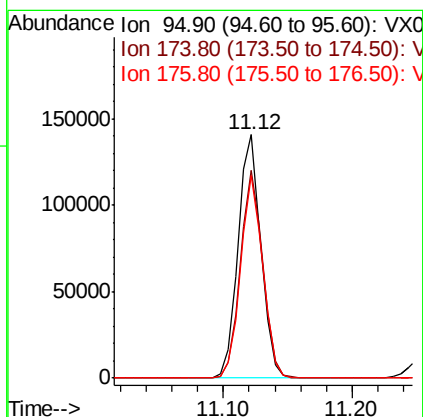
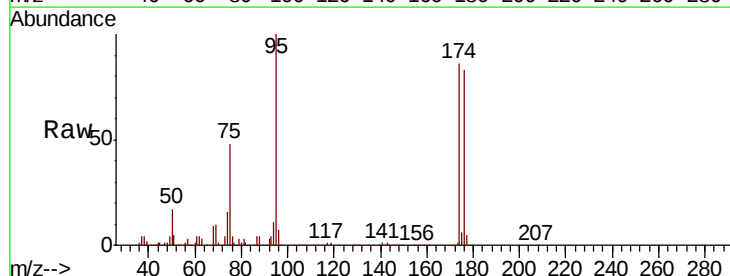
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0701WBSD02

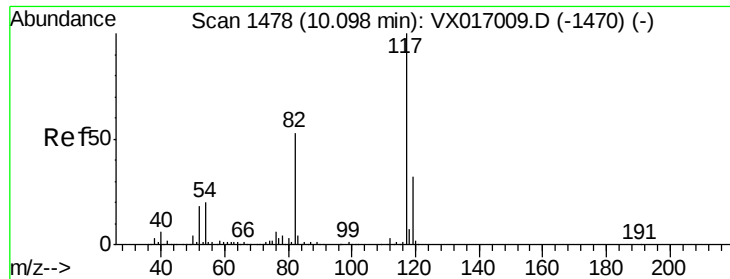
Tot Ion:107 Resp: 55624
 Ion Ratio Lower Upper
 107 100
 109 95.2 75.8 113.8



#62
 4-Bromofluorobenzene
 Concen: 48.333 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.00 min
 Lab File: VX017117.D
 Acq: 01 Jul 2020 23:13

Tgt Ion: 95 Resp: 172575
 Ion Ratio Lower Upper
 95 100
 174 84.0 0.0 164.0
 176 81.1 0.0 157.6

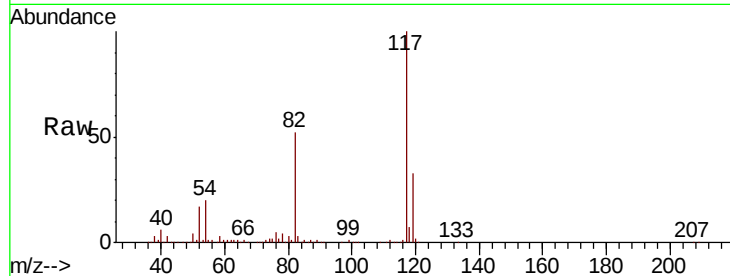




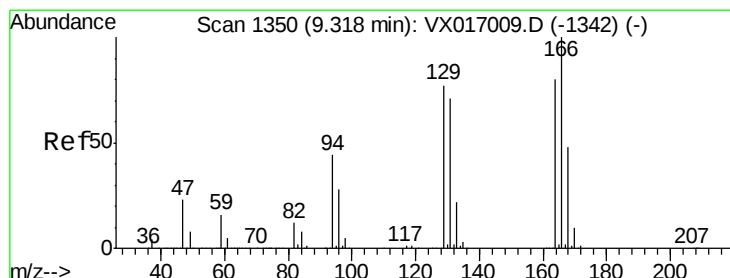
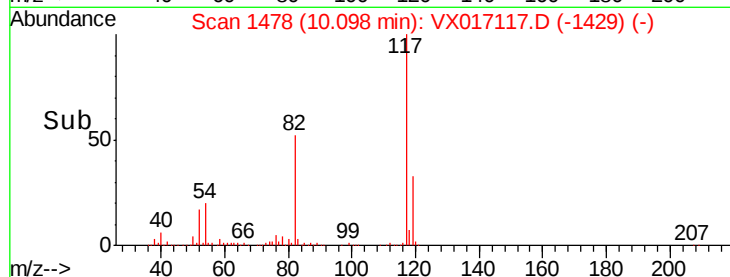
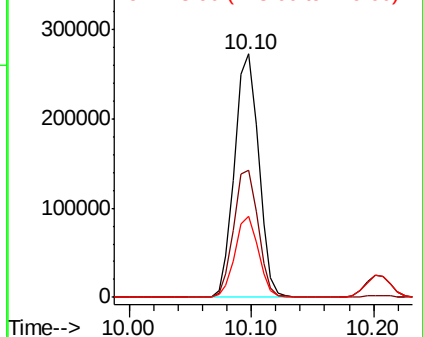
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017117.D
Acq: 01 Jul 2020 23:13

Instrument :
MSVOA_X
ClientSampleId :
VX0701WBSD02

Tot Ion:117 Resp: 372243
Ion Ratio Lower Upper
117 100
82 52.0 42.6 63.8
119 33.0 25.4 38.2

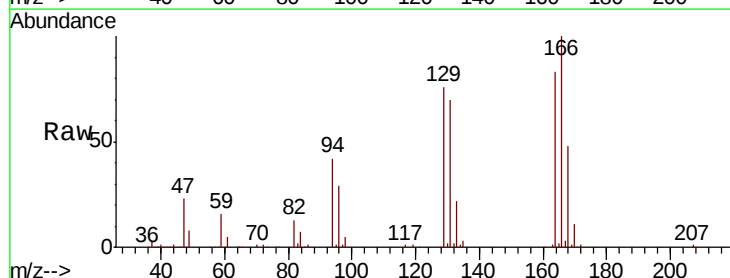


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

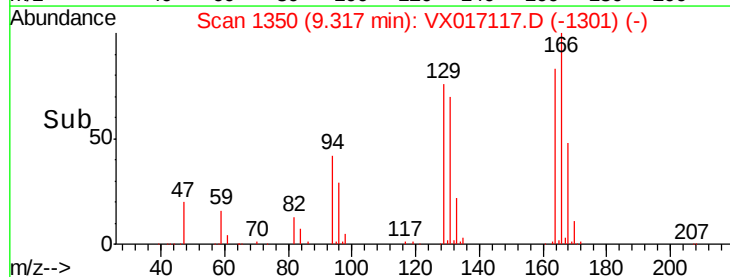
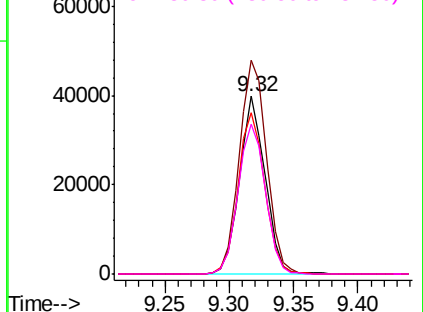


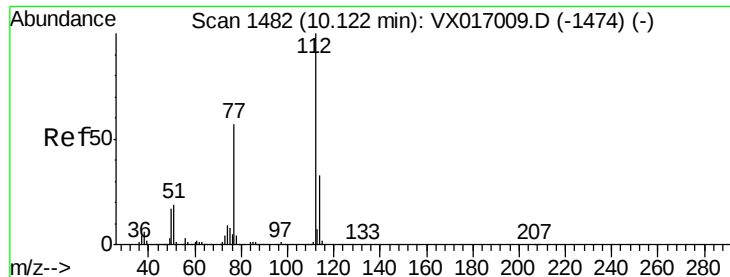
#64
Tetrachloroethene
Concen: 18.163 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX017117.D
Acq: 01 Jul 2020 23:13

Tgt Ion:164 Resp: 54567
Ion Ratio Lower Upper
164 100
166 120.3 99.4 149.0
129 91.2 76.3 114.5
131 84.1 70.6 105.8



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 18.244 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX017117.D

Acq: 01 Jul 2020 23:13

Instrument :

MSVOA_X

ClientSampleId :

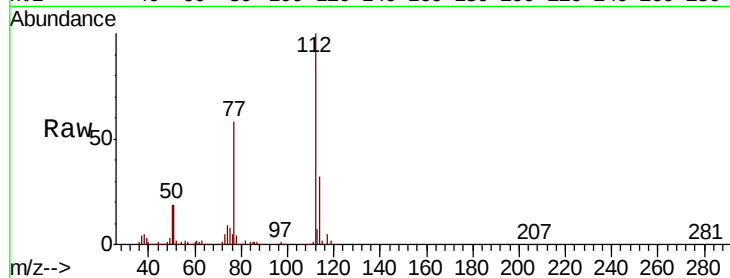
VX0701WBSD02

Tot Ion:112 Resp: 140164

Ion Ratio Lower Upper

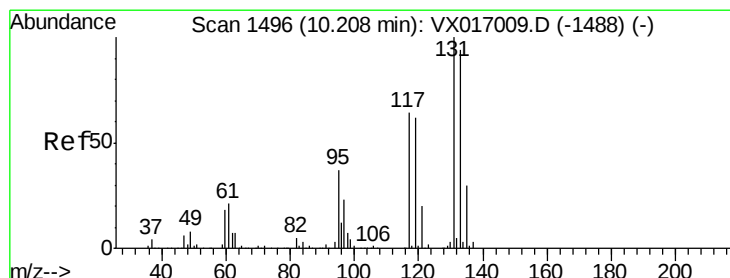
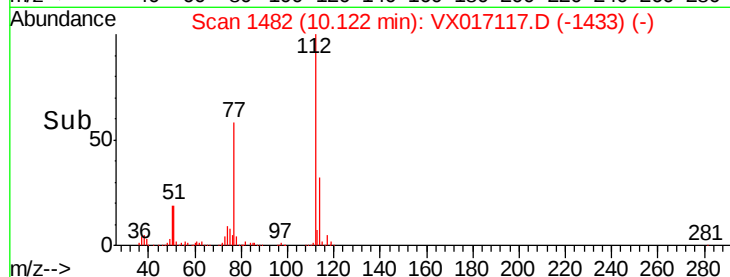
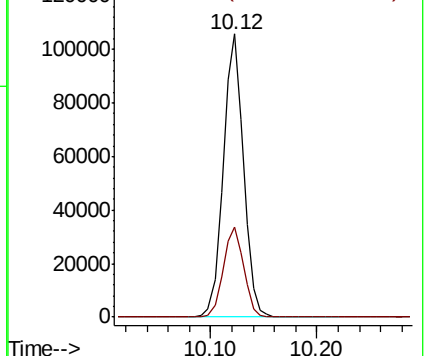
112 100

114 31.6 26.2 39.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 18.575 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.01 min

Lab File: VX017117.D

Acq: 01 Jul 2020 23:13

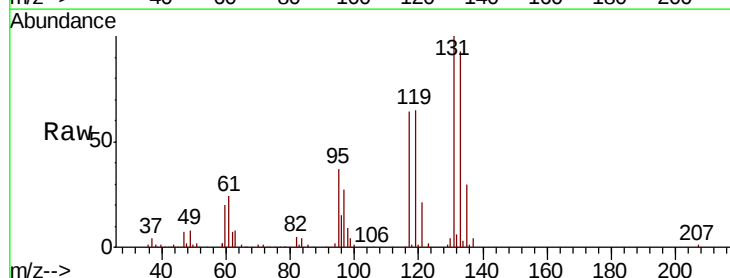
Tgt Ion:131 Resp: 54998

Ion Ratio Lower Upper

131 100

133 94.7 47.3 141.9

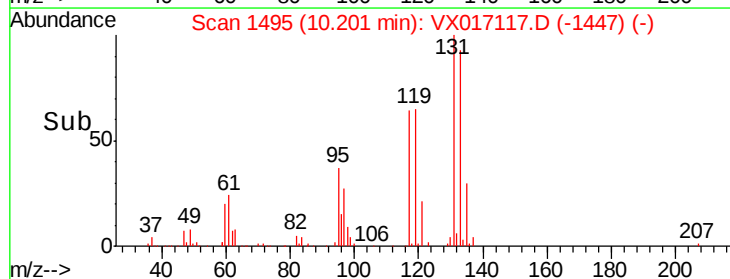
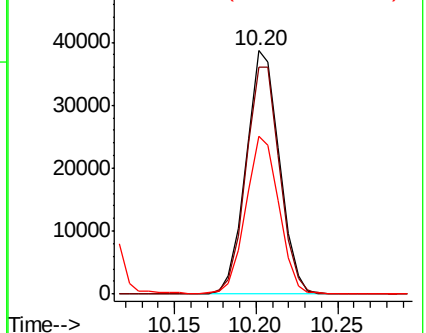
119 64.5 31.9 95.5

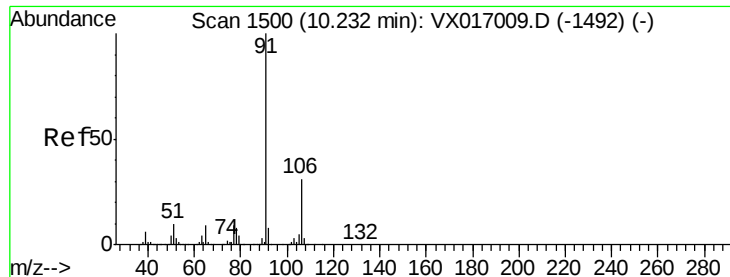


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 18.517 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.00 min

Lab File: VX017117.D

Acq: 01 Jul 2020 23:13

Instrument :

MSVOA_X

ClientSampleId :

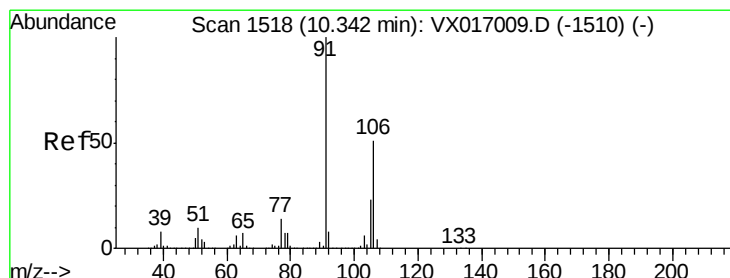
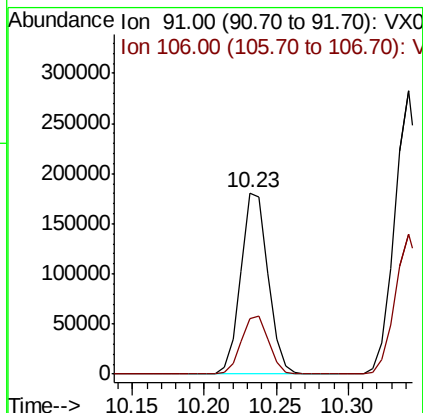
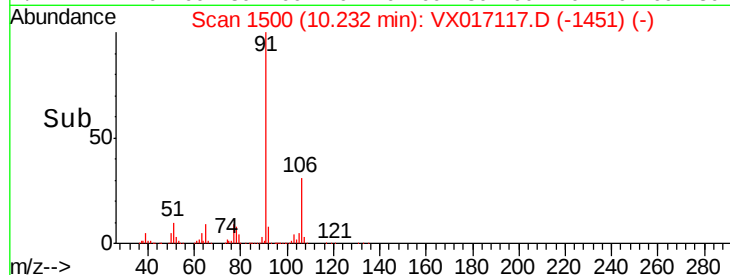
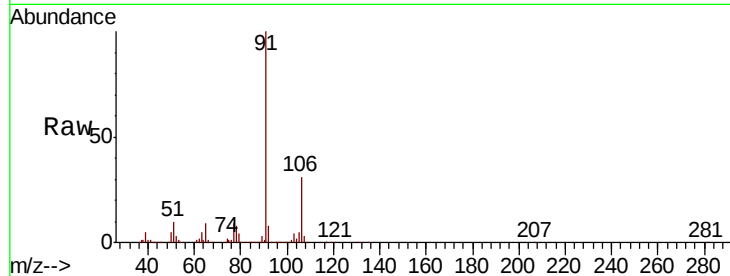
VX0701WBSD02

Tot Ion: 91 Resp: 237580

Ion Ratio Lower Upper

91 100

106 30.7 24.7 37.1



#68

m/p-Xylenes

Concen: 37.226 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX017117.D

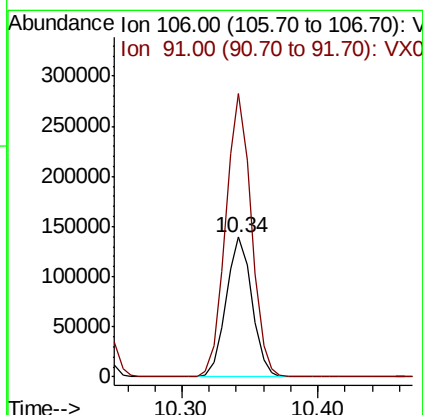
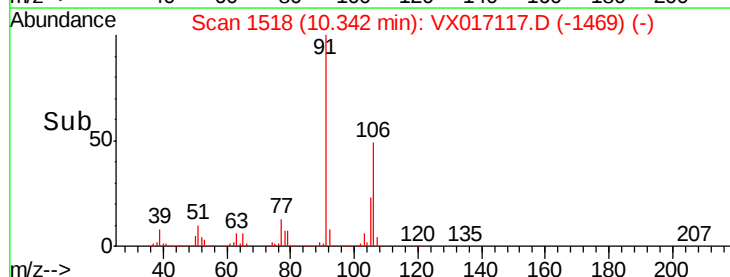
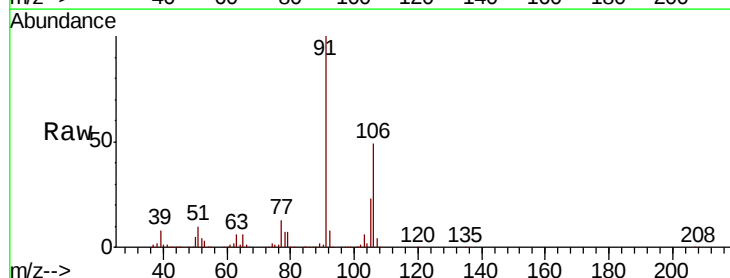
Acq: 01 Jul 2020 23:13

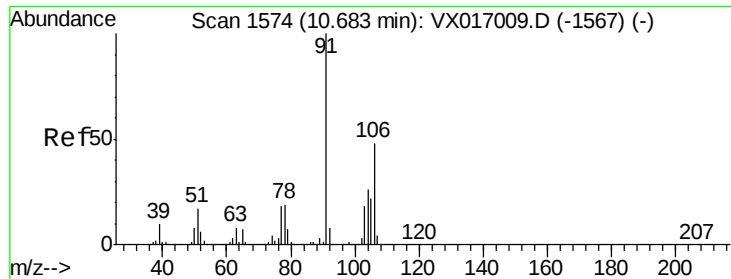
Tgt Ion: 106 Resp: 183395

Ion Ratio Lower Upper

106 100

91 201.2 158.6 238.0

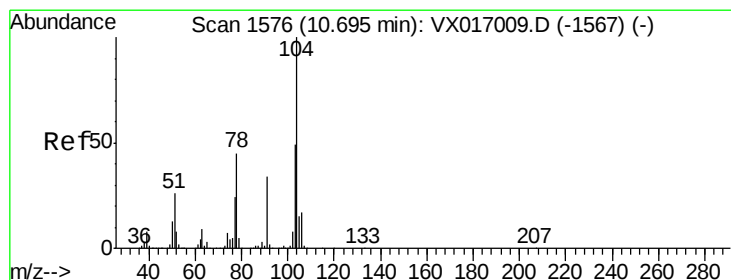
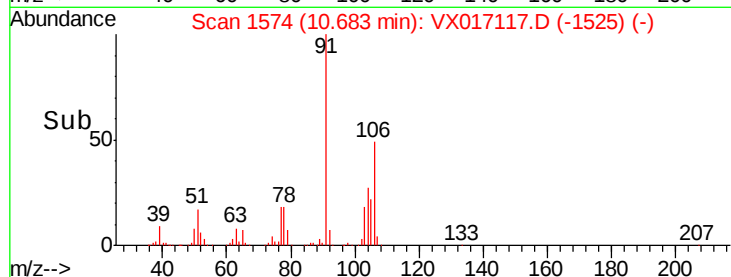
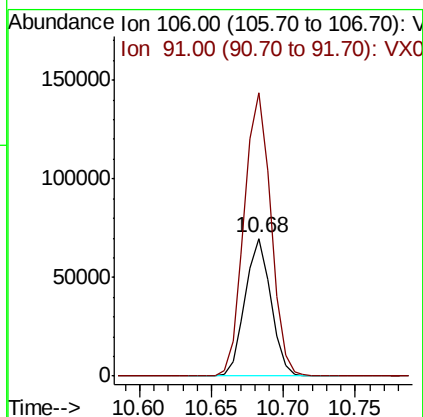
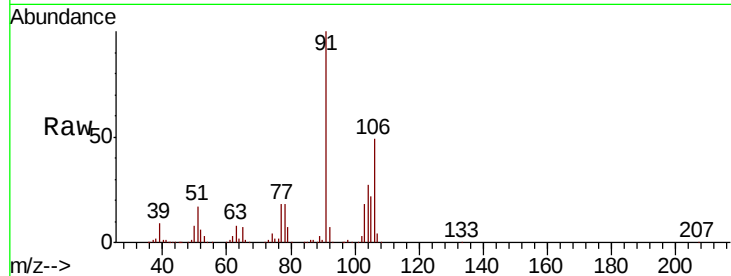




#69
o-Xylene
Concen: 18.527 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017117.D
Acq: 01 Jul 2020 23:13

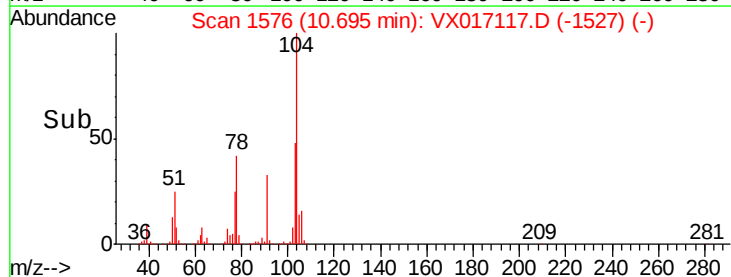
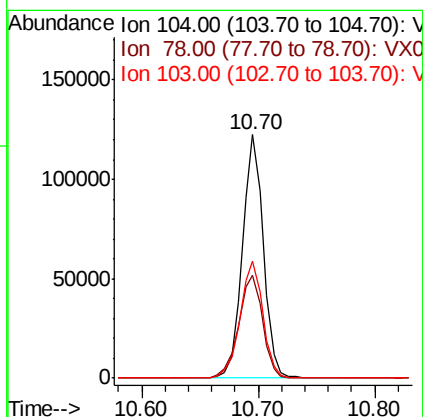
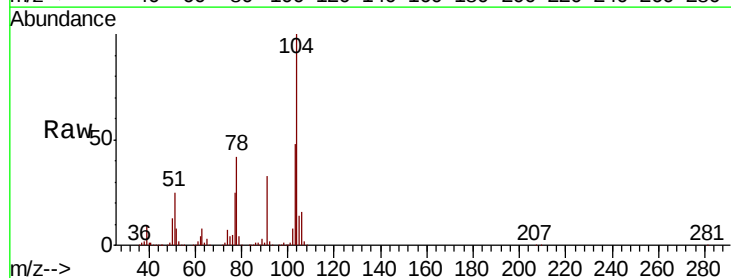
Instrument :
MSVOA_X
ClientSampleId :
VX0701WBSD02

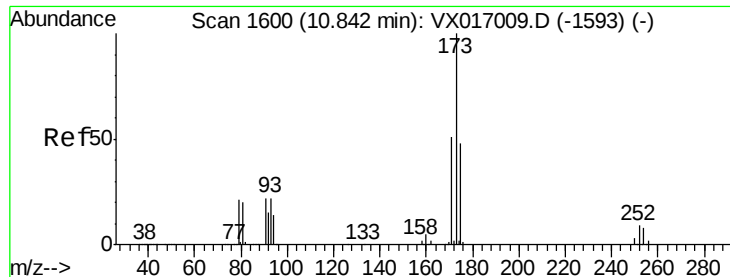
Tot Ion:106 Resp: 86829
Ion Ratio Lower Upper
106 100
91 213.3 105.6 316.7



#70
Styrene
Concen: 19.247 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX017117.D
Acq: 01 Jul 2020 23:13

Tgt Ion:104 Resp: 153606
Ion Ratio Lower Upper
104 100
78 48.7 39.5 59.3
103 52.6 43.0 64.6





#71

Bromoform

Concen: 19.829 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX017117.D

Acq: 01 Jul 2020 23:13

Instrument :

MSVOA_X

ClientSampleId :

VX0701WBSD02

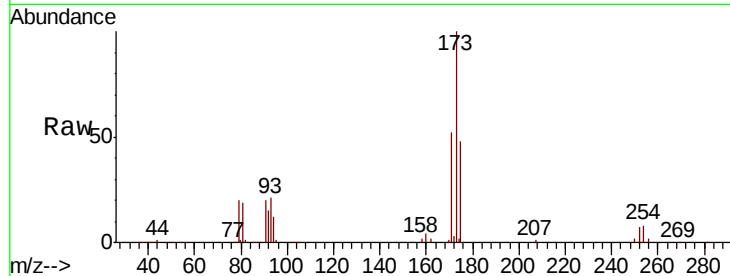
Tot Ion:173 Resp: 46557

Ion Ratio Lower Upper

173 100

175 48.5 24.5 73.5

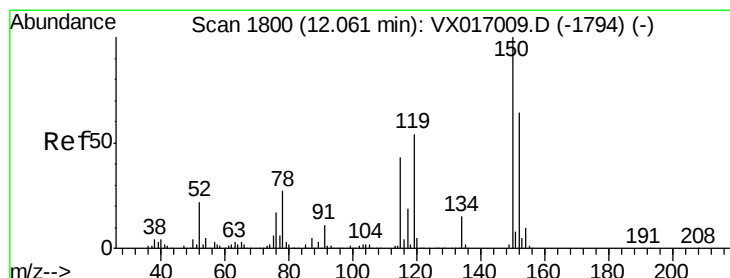
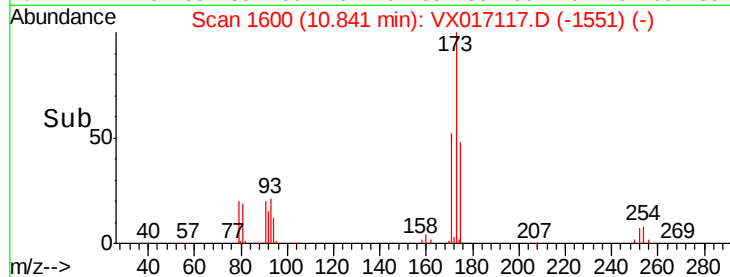
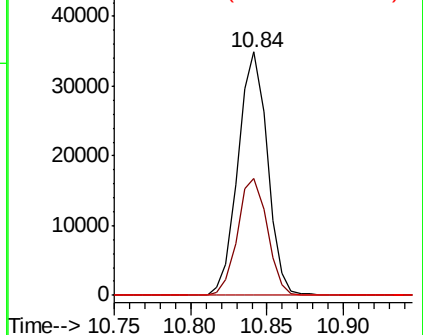
254 0.0 0.1 0.1#



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: VX017117.D

Acq: 01 Jul 2020 23:13

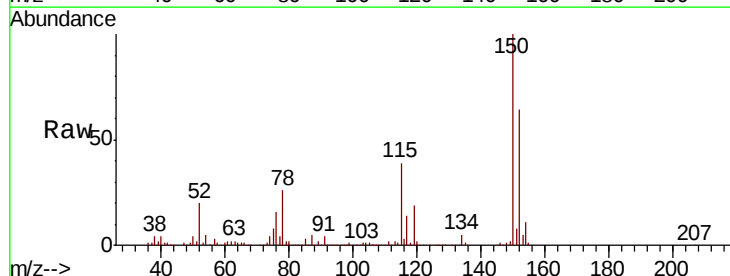
Tgt Ion:152 Resp: 191982

Ion Ratio Lower Upper

152 100

115 65.7 40.9 122.7

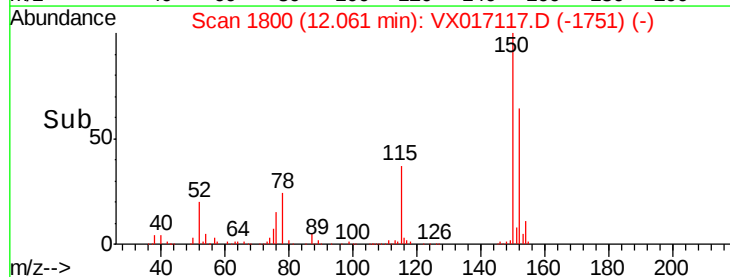
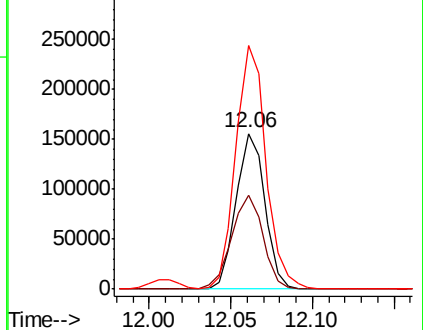
150 163.7 0.0 351.6

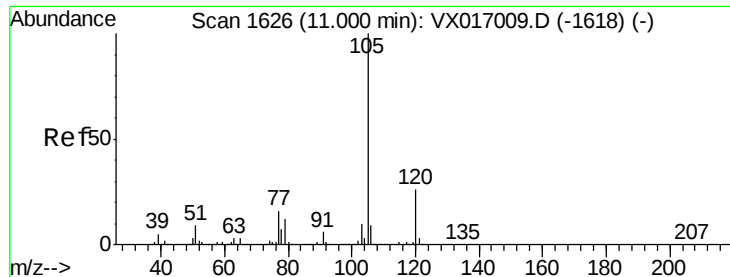


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.997 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX017117.D

Acq: 01 Jul 2020 23:13

Instrument :

MSVOA_X

ClientSampleId :

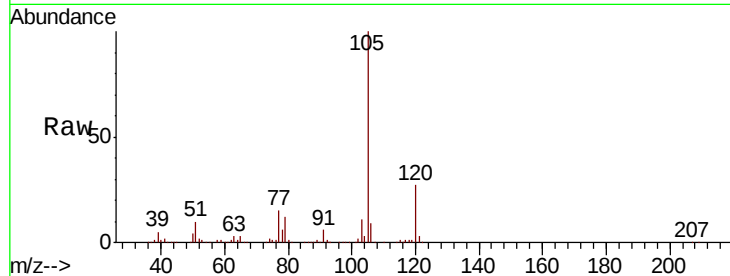
VX0701WBSD02

Tot Ion:105 Resp: 238891

Ion Ratio Lower Upper

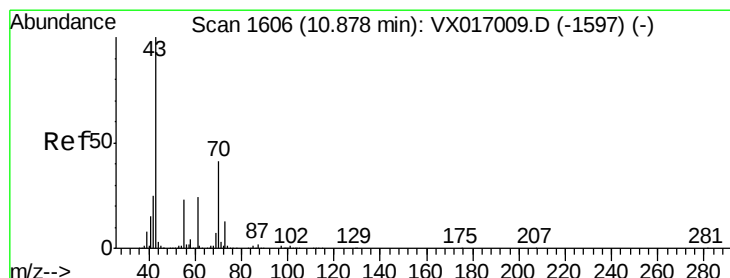
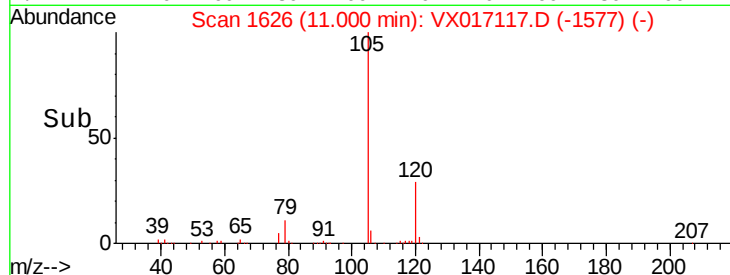
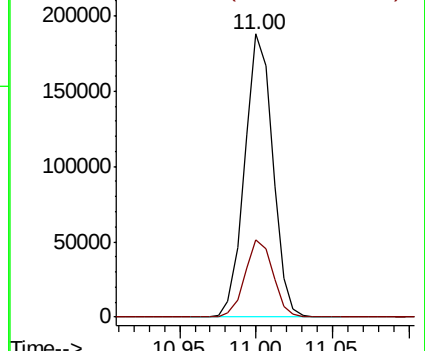
105 100

120 27.3 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 18.142 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX017117.D

Acq: 01 Jul 2020 23:13

Tgt Ion: 43 Resp: 97342

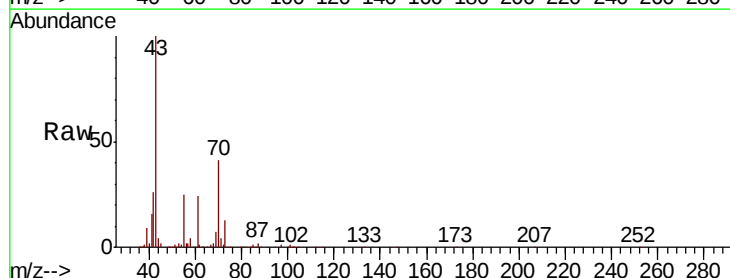
Ion Ratio Lower Upper

43 100

70 42.6 34.2 51.2

55 24.6 19.2 28.8

61 24.2 19.6 29.4

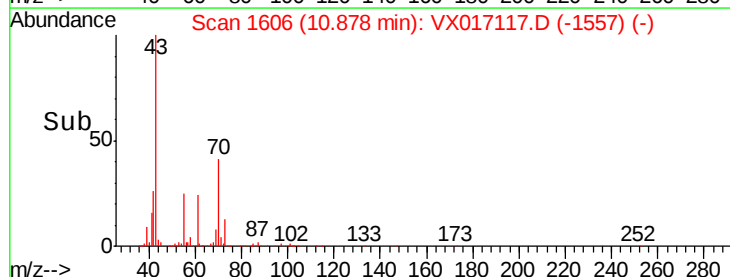
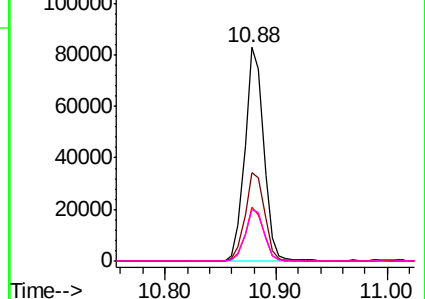


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 18.903 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX017117.D

Acq: 01 Jul 2020 23:13

Instrument :

MSVOA_X

ClientSampleId :

VX0701WBSD02

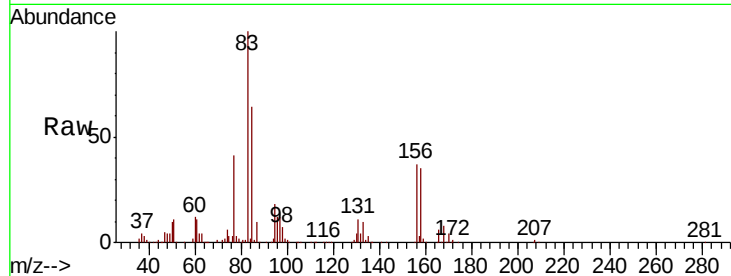
Tot Ion: 83 Resp: 74772

Ion Ratio Lower Upper

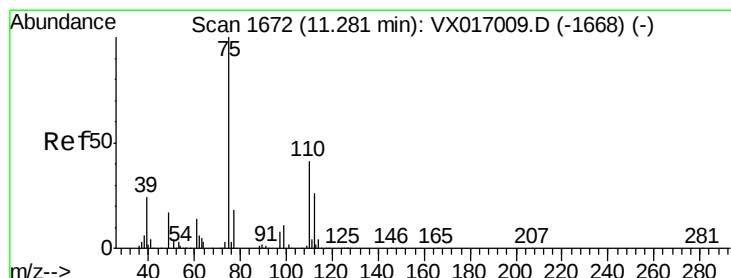
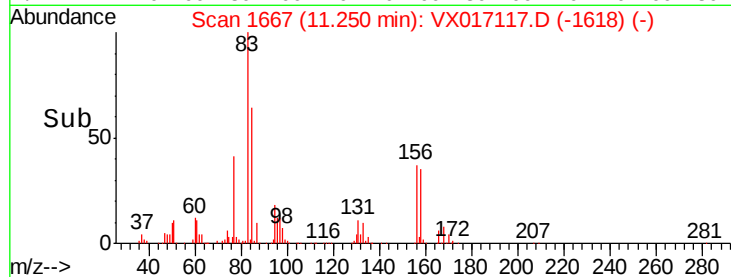
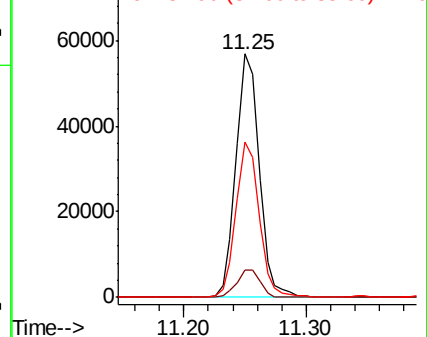
83 100

131 11.3 5.4 16.2

85 63.6 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 23.705 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX017117.D

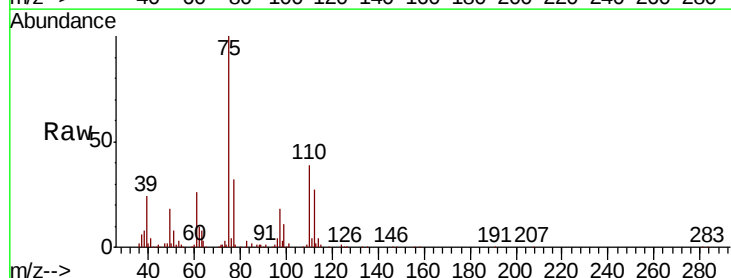
Acq: 01 Jul 2020 23:13

Tgt Ion: 75 Resp: 89492

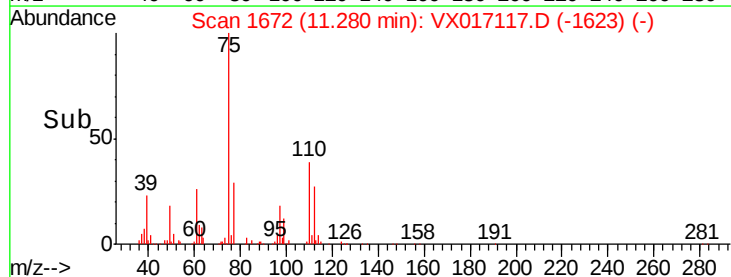
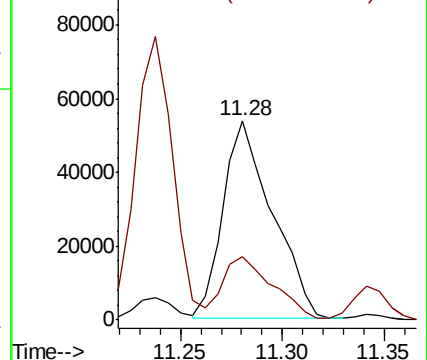
Ion Ratio Lower Upper

75 100

77 32.6 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: 18.917 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX017117.D

Acq: 01 Jul 2020 23:13

Instrument :

MSVOA_X

ClientSampleId :

VX0701WBSD02

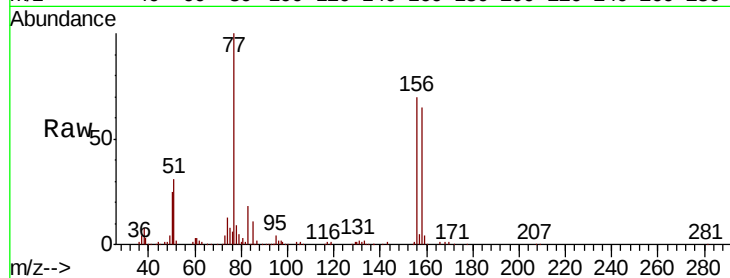
Tot Ion:156 Resp: 65379

Ion Ratio Lower Upper

156 100

77 150.0 76.9 230.7

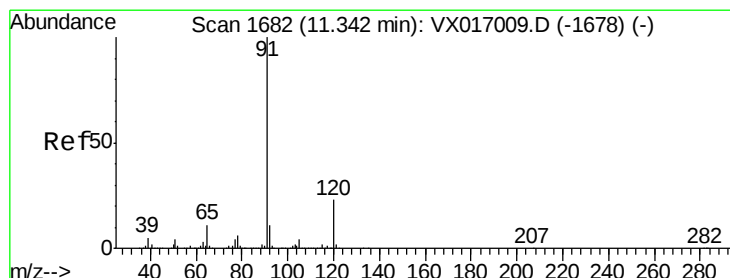
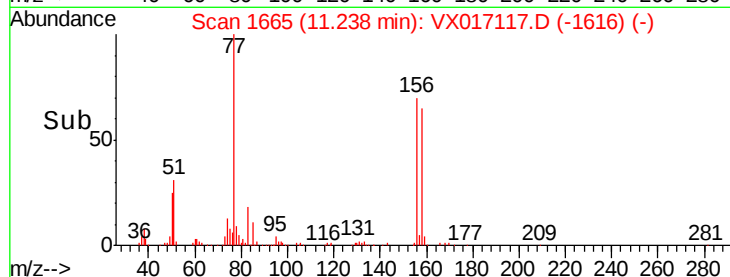
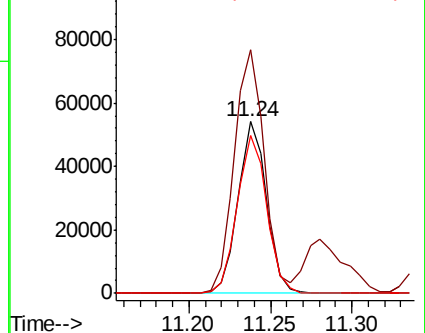
158 95.7 47.9 143.6



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: 18.389 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX017117.D

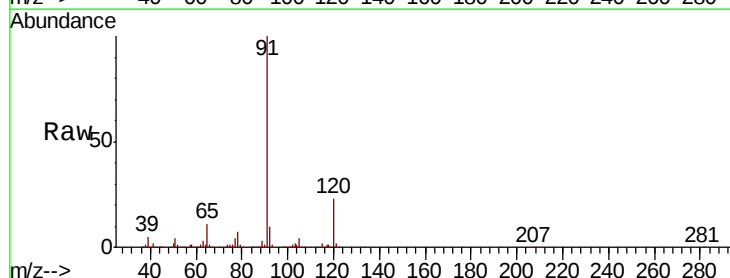
Acq: 01 Jul 2020 23:13

Tgt Ion: 91 Resp: 261496

Ion Ratio Lower Upper

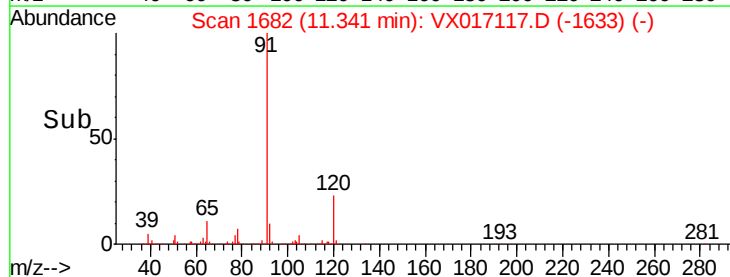
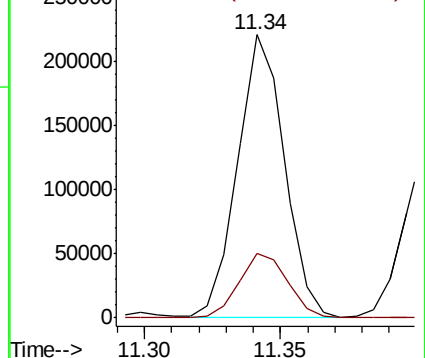
91 100

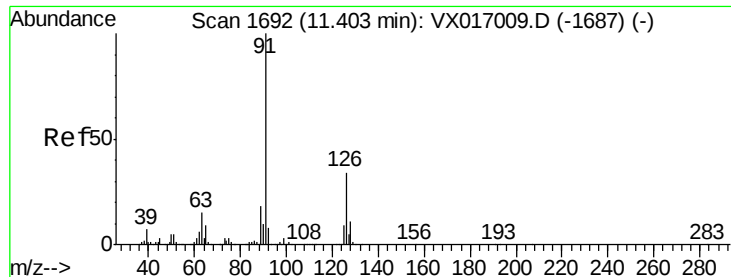
120 23.9 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

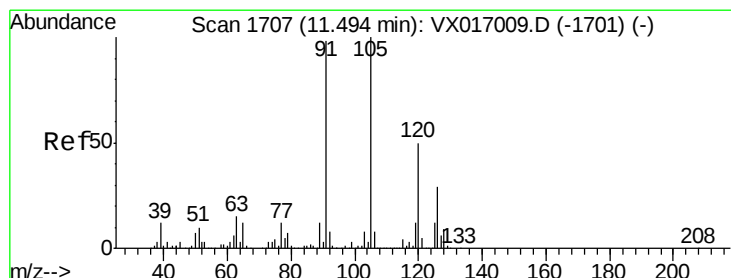
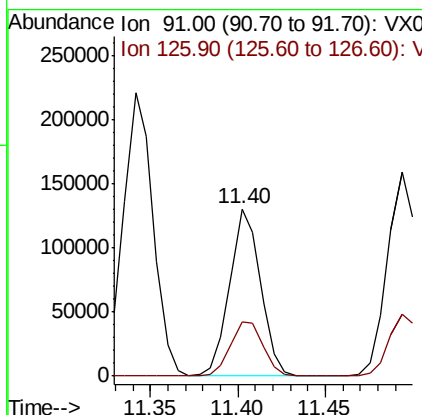
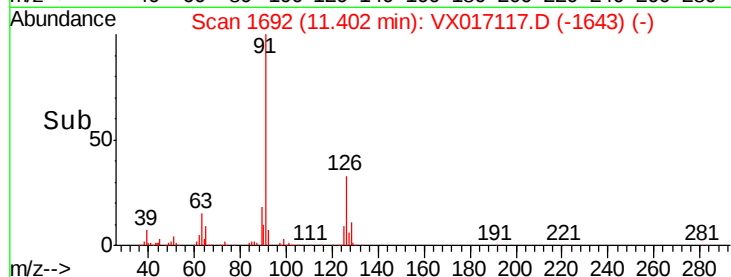
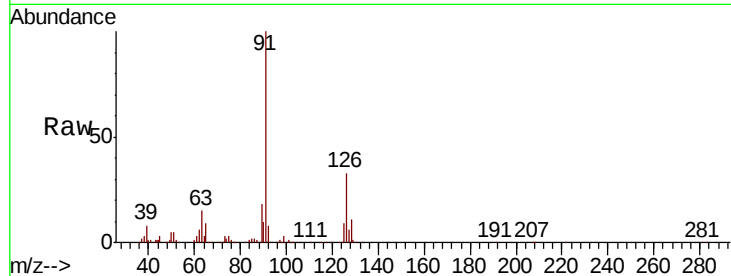




#79
 2-Chlorotoluene
 Concen: 18.544 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: VX017117.D
 Acq: 01 Jul 2020 23:13

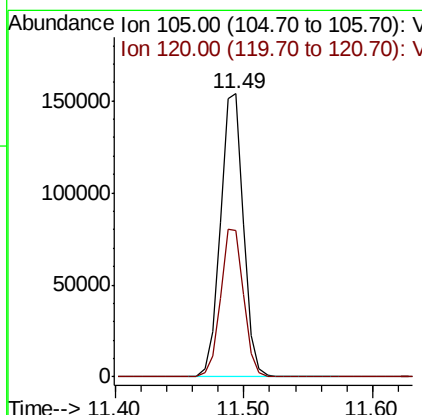
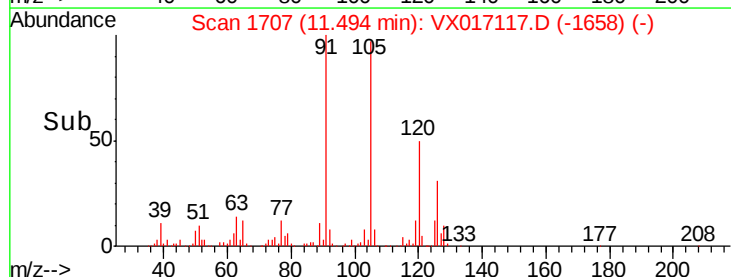
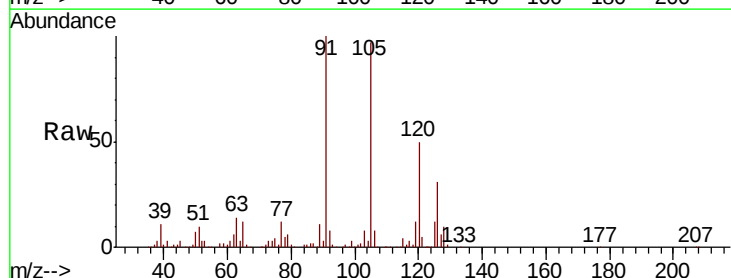
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0701WBSD02

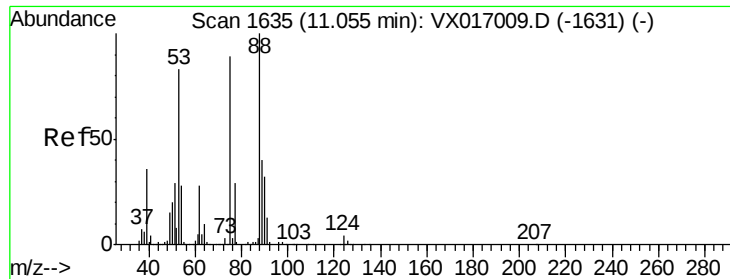
Tot Ion: 91 Resp: 159591
 Ion Ratio Lower Upper
 91 100
 126 34.9 17.4 52.3



#80
 1,3,5-Trimethylbenzene
 Concen: 18.565 ug/l
 RT: 11.49 min Scan# 1707
 Delta R.T. -0.00 min
 Lab File: VX017117.D
 Acq: 01 Jul 2020 23:13

Tgt Ion: 105 Resp: 193649
 Ion Ratio Lower Upper
 105 100
 120 52.2 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 16.755 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.01 min

Lab File: VX017117.D

Acq: 01 Jul 2020 23:13

Instrument :

MSVOA_X

ClientSampleId :

VX0701WBSD02

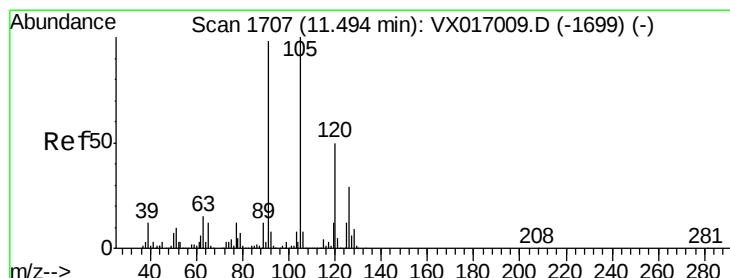
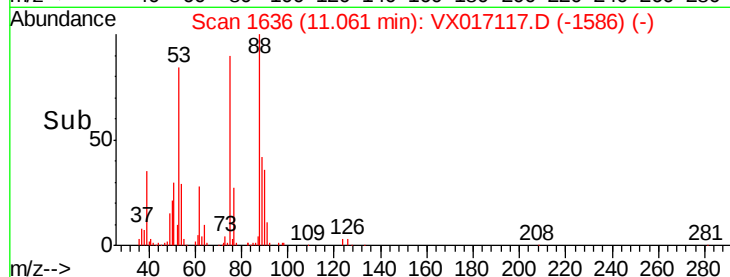
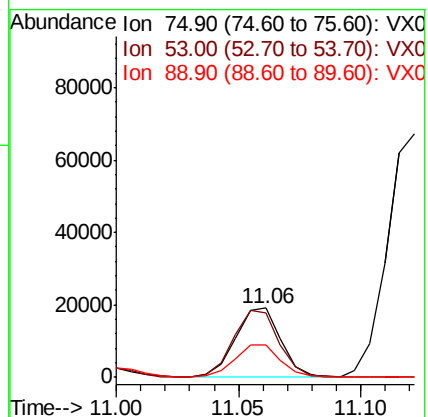
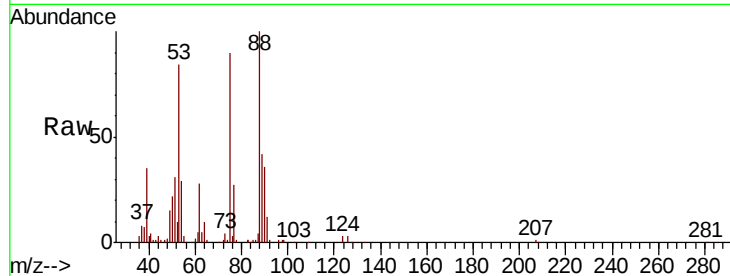
Tot Ion: 75 Resp: 24426

Ion Ratio Lower Upper

75 100

53 98.6 72.4 108.6

89 48.4 37.0 55.4



#82

4-Chlorotoluene

Concen: 18.712 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX017117.D

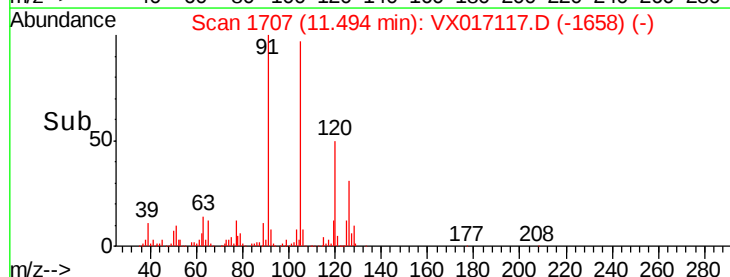
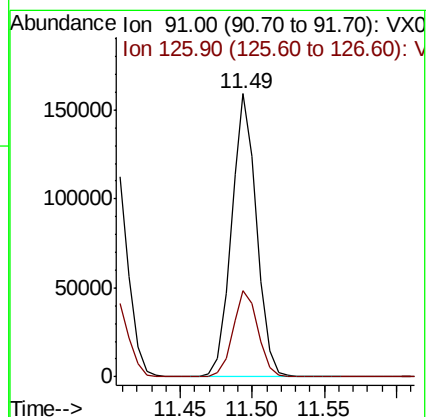
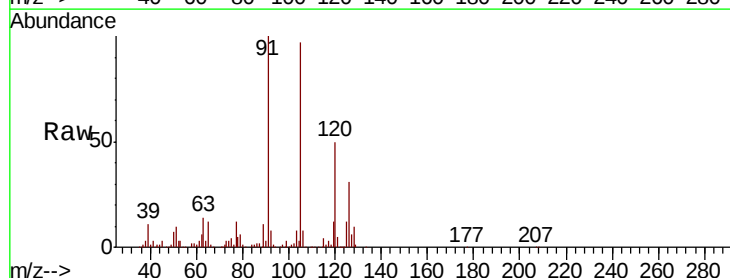
Acq: 01 Jul 2020 23:13

Tgt Ion: 91 Resp: 192518

Ion Ratio Lower Upper

91 100

126 30.7 15.2 45.5





#83

tert-Butylbenzene

Concen: 18.641 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX017117.D

Acq: 01 Jul 2020 23:13

Instrument :

MSVOA_X

ClientSampleId :

VX0701WBSD02

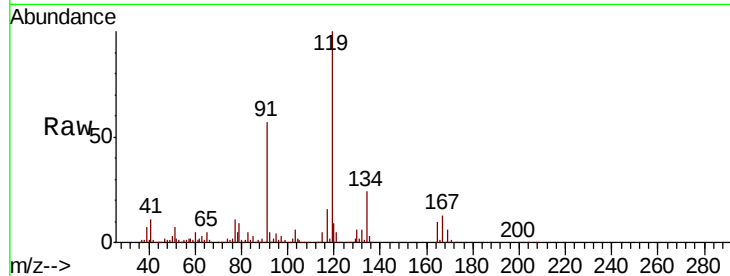
Tot Ion:119 Resp: 190872

Ion Ratio Lower Upper

119 100

91 55.8 28.3 84.9

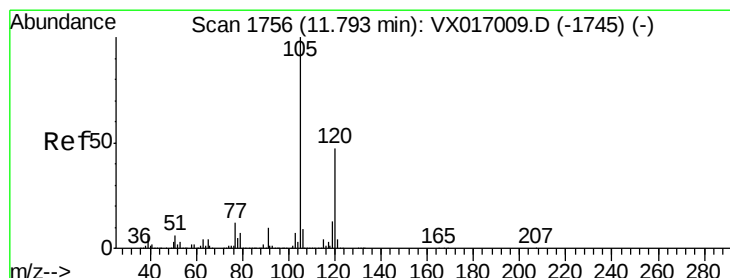
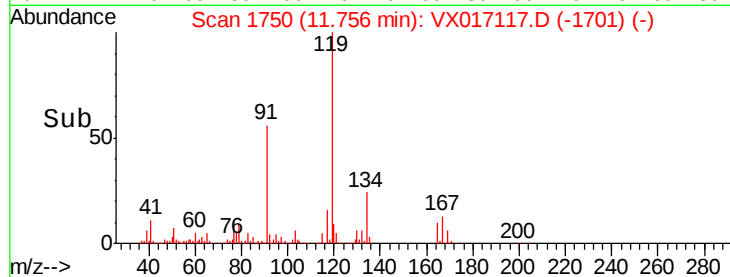
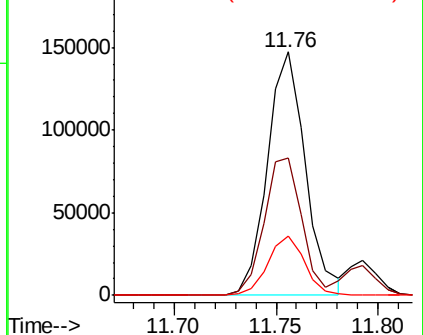
134 23.5 11.7 35.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 19.429 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX017117.D

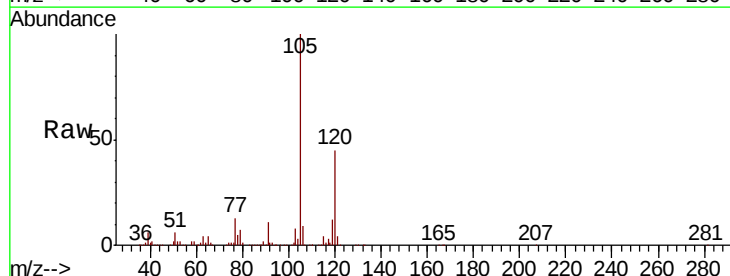
Acq: 01 Jul 2020 23:13

Tgt Ion:105 Resp: 205598

Ion Ratio Lower Upper

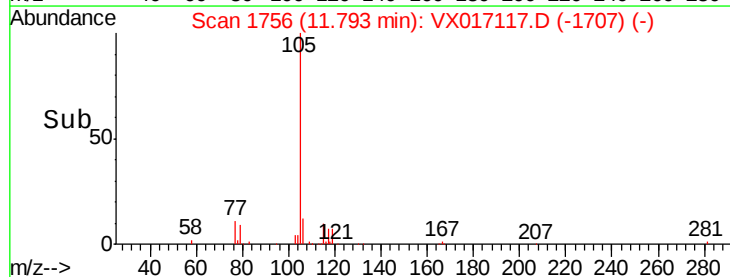
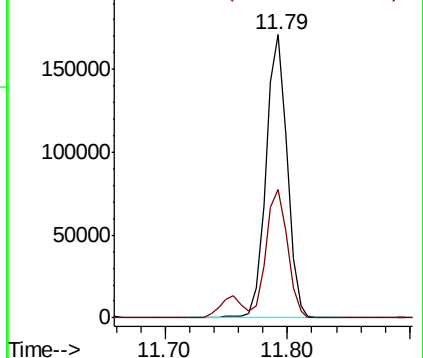
105 100

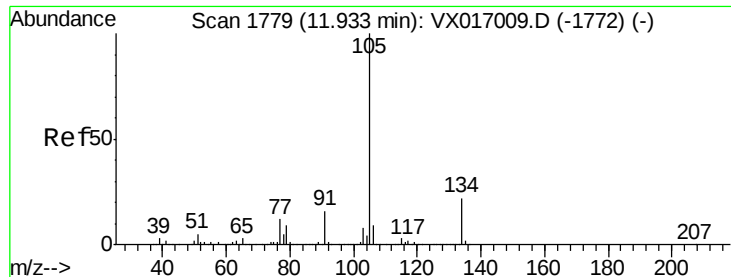
120 46.1 22.9 68.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

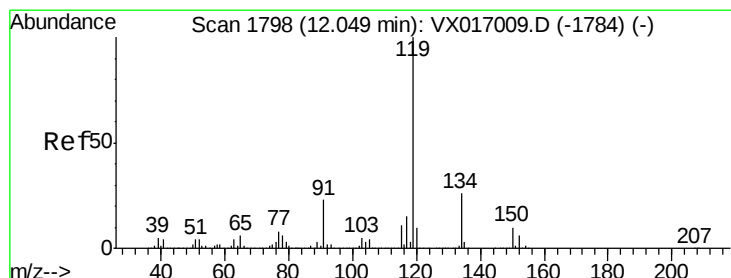
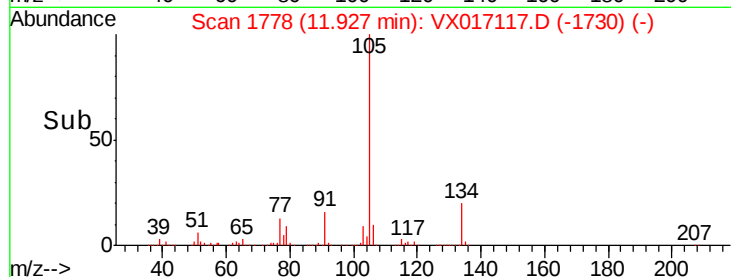
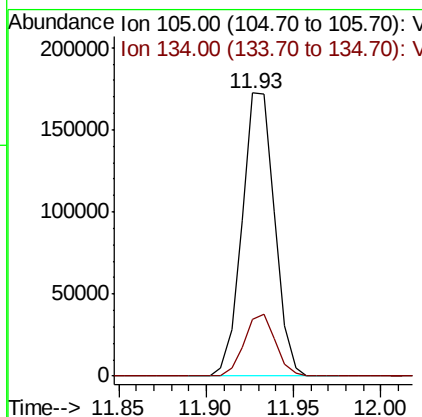
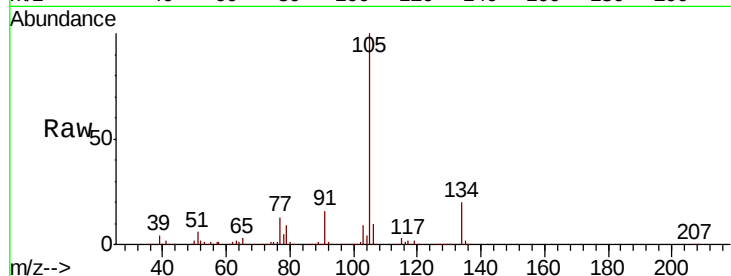




#85
 sec-Butylbenzene
 Concen: 18.473 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. -0.01 min
 Lab File: VX017117.D
 Acq: 01 Jul 2020 23:13

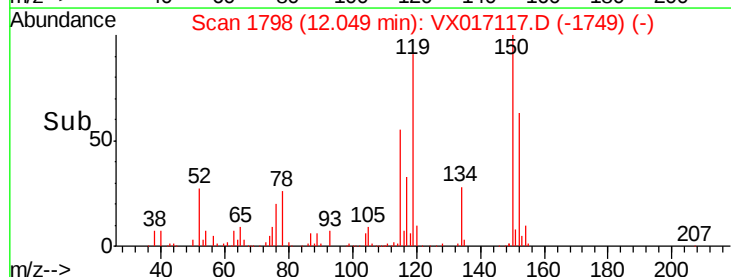
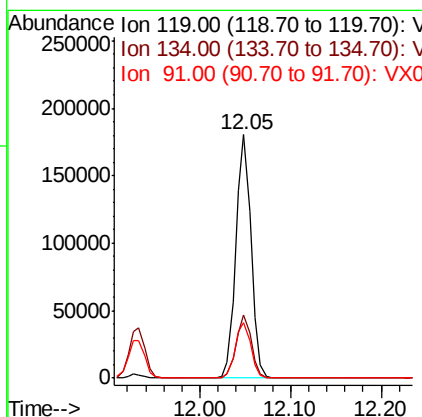
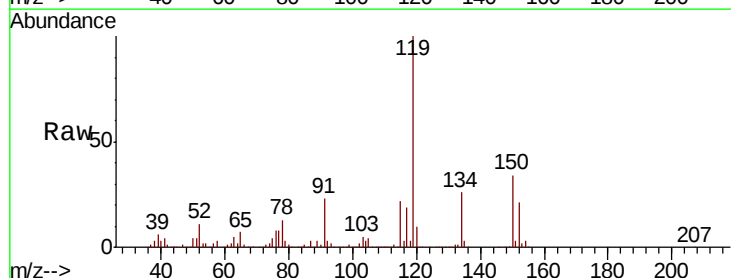
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0701WBSD02

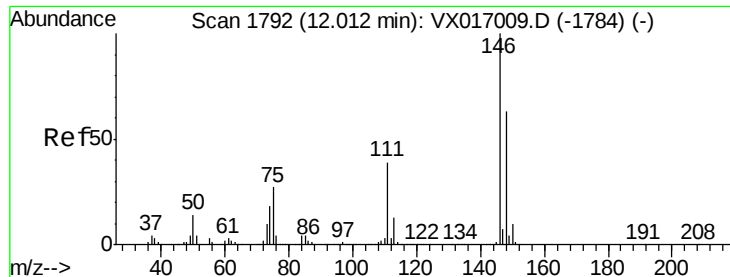
Tot Ion:105 Resp: 222344
 Ion Ratio Lower Upper
 105 100
 134 21.0 10.5 31.6



#86
 p-Isopropyltoluene
 Concen: 18.666 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX017117.D
 Acq: 01 Jul 2020 23:13

Tgt Ion:119 Resp: 209146
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.2 39.5
 91 23.4 11.8 35.4





#87

1,3-Dichlorobenzene

Concen: 17.786 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX017117.D

Acq: 01 Jul 2020 23:13

Instrument :

MSVOA_X

ClientSampleId :

VX0701WBSD02

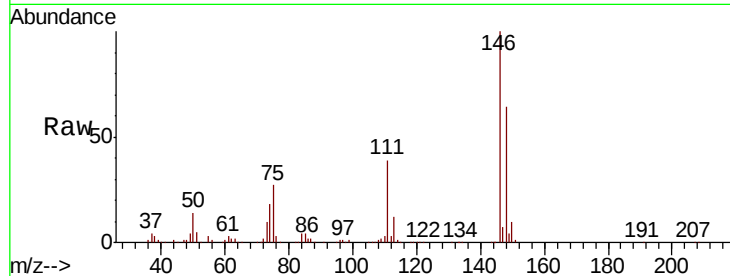
Tot Ion:146 Resp: 111640

Ion Ratio Lower Upper

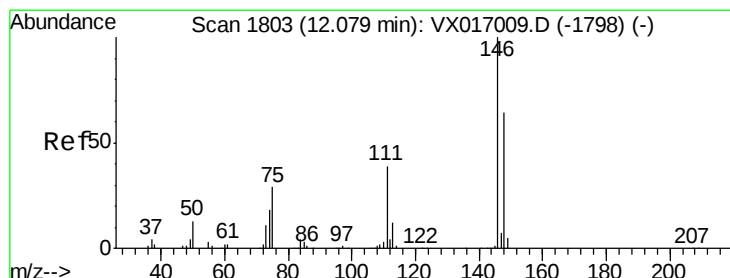
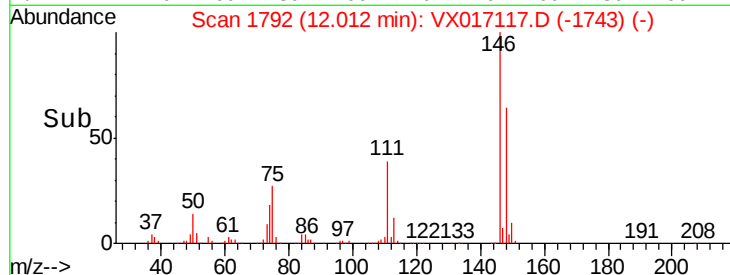
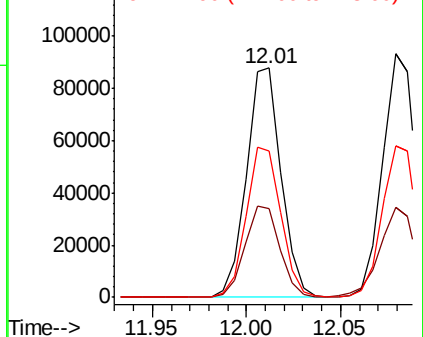
146 100

111 40.2 20.4 61.2

148 65.6 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: 19.471 ug/l

RT: 12.08 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VX017117.D

Acq: 01 Jul 2020 23:13

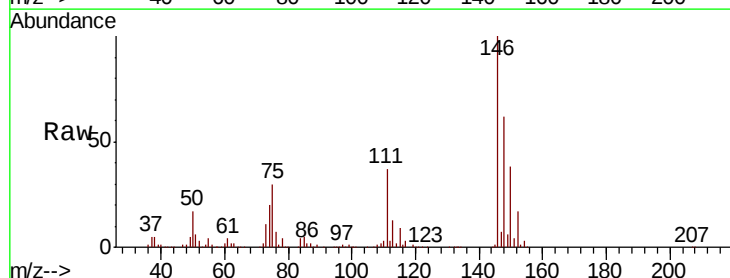
Tgt Ion:146 Resp: 115952

Ion Ratio Lower Upper

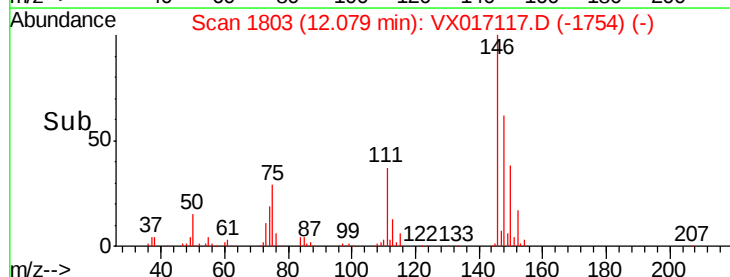
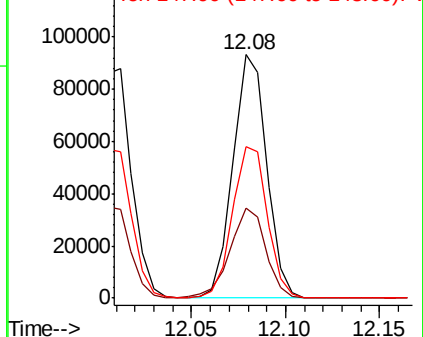
146 100

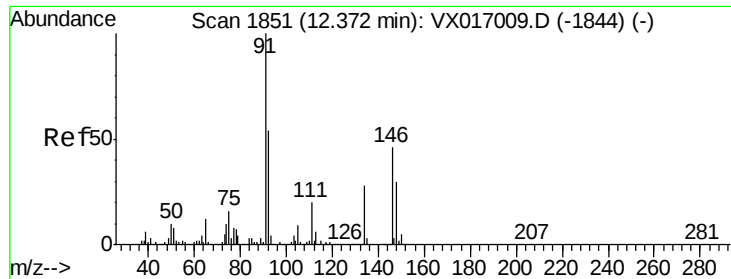
111 39.2 19.5 58.5

148 64.2 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

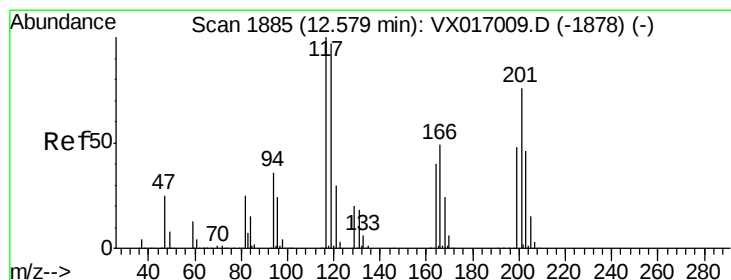
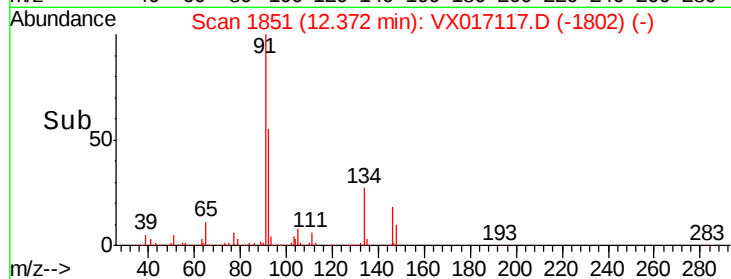
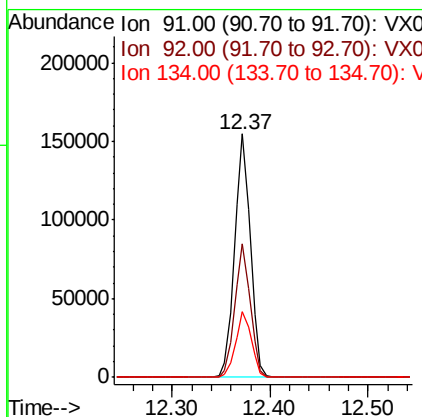
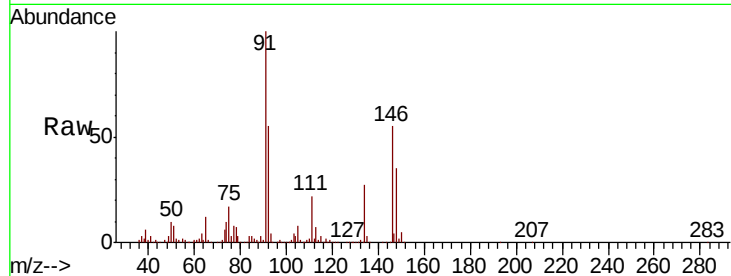




#89
n-Butylbenzene
Concen: 17.312 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX017117.D
Acq: 01 Jul 2020 23:13

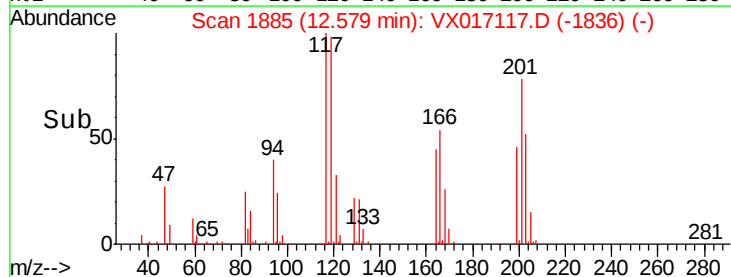
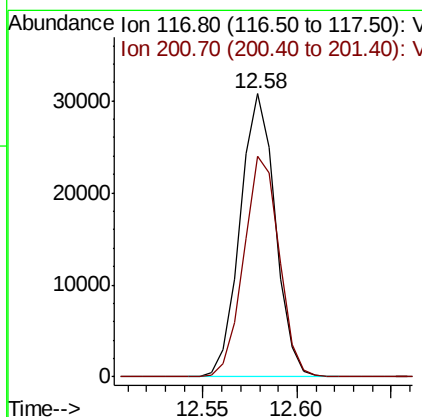
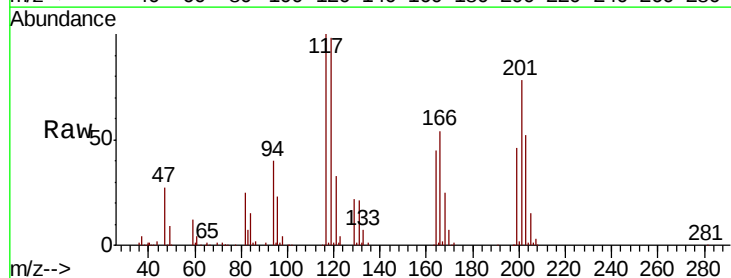
Instrument :
MSVOA_X
ClientSampleId :
VX0701WBSD02

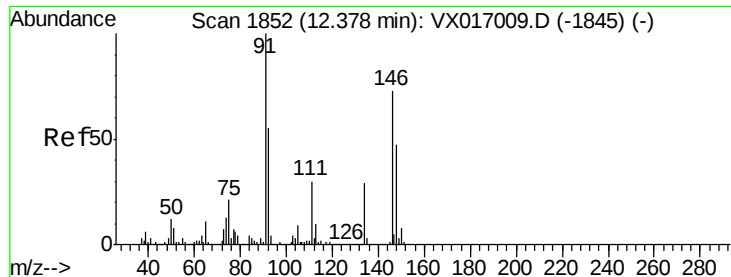
Tot Ion: 91 Resp: 173199
Ion Ratio Lower Upper
91 100
92 54.0 27.2 81.6
134 27.0 13.6 40.7



#90
Hexachloroethane
Concen: 17.992 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX017117.D
Acq: 01 Jul 2020 23:13

Tgt Ion: 117 Resp: 39755
Ion Ratio Lower Upper
117 100
201 78.7 39.4 118.2





#91

1,2-Dichlorobenzene

Concen: 18.868 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.01 min

Lab File: VX017117.D

Acq: 01 Jul 2020 23:13

Instrument :

MSVOA_X

ClientSampleId :

VX0701WBSD02

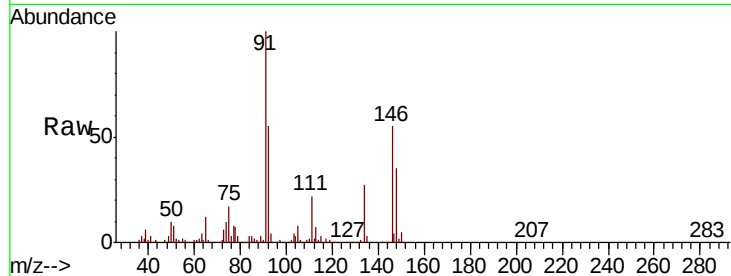
Tot Ion:146 Resp: 110705

Ion Ratio Lower Upper

146 100

111 39.4 20.6 61.9

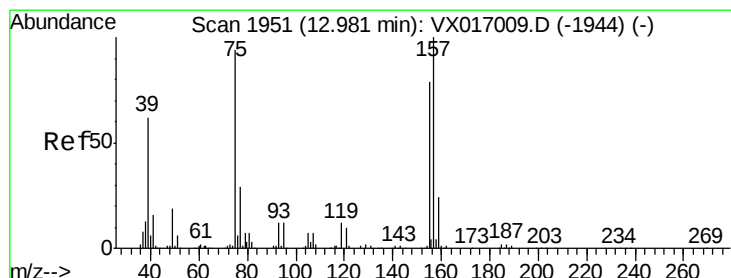
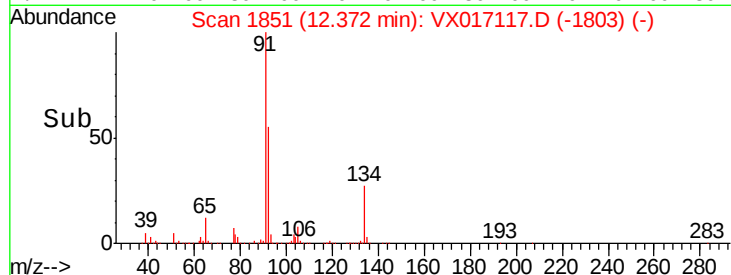
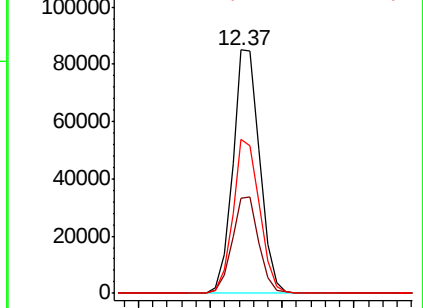
148 62.7 32.4 97.2



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: 18.426 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX017117.D

Acq: 01 Jul 2020 23:13

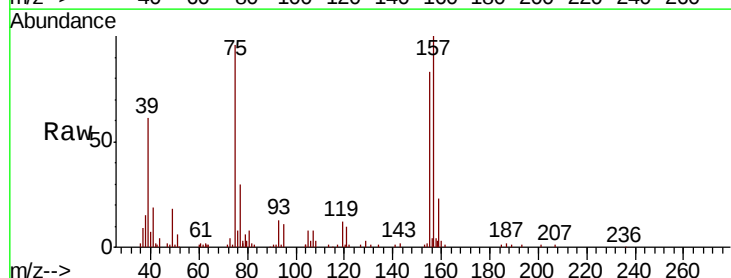
Tgt Ion: 75 Resp: 17387

Ion Ratio Lower Upper

75 100

155 87.9 45.1 135.2

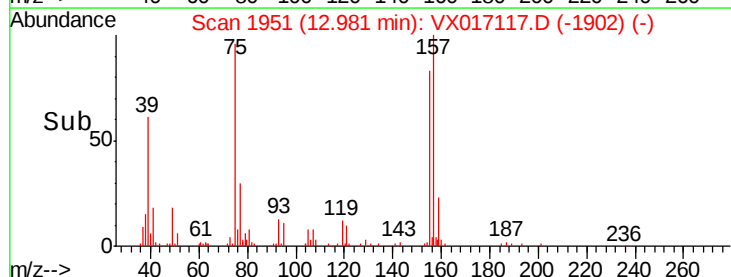
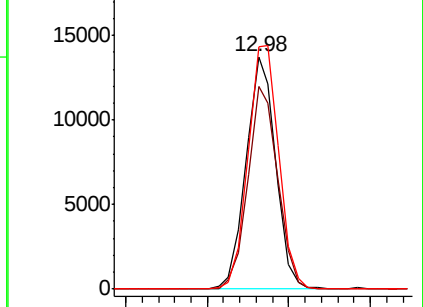
157 109.0 56.5 169.3

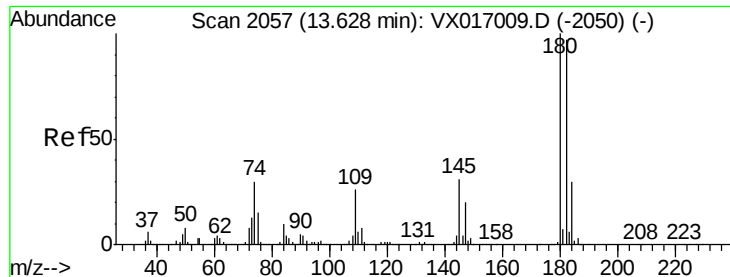


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

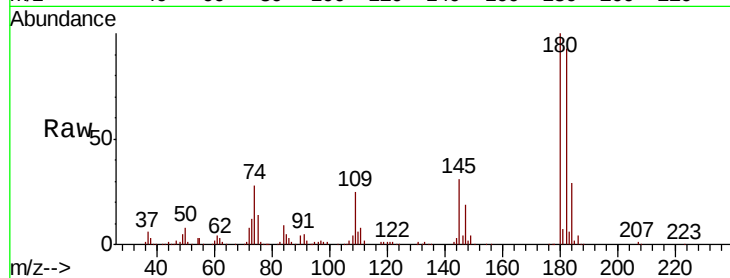




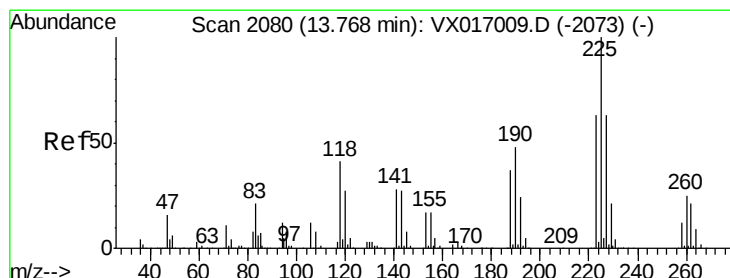
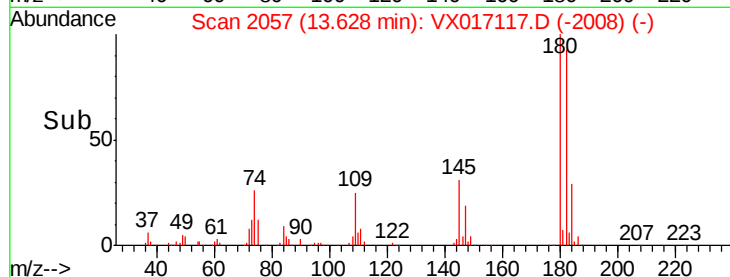
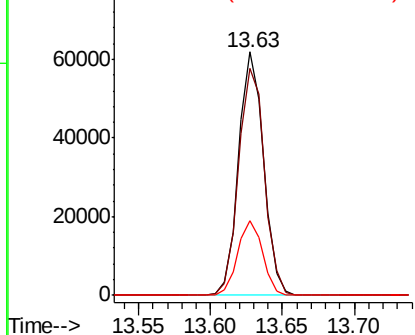
#93
 1,2,4-Trichlorobenzene
 Concen: 18.661 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX017117.D
 Acq: 01 Jul 2020 23:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0701WBSD02

Tot Ion:180 Resp: 74730
 Ion Ratio Lower Upper
 180 100
 182 96.3 47.3 141.9
 145 30.6 15.4 46.2

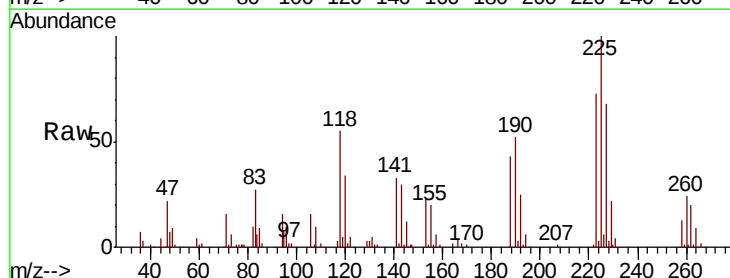


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

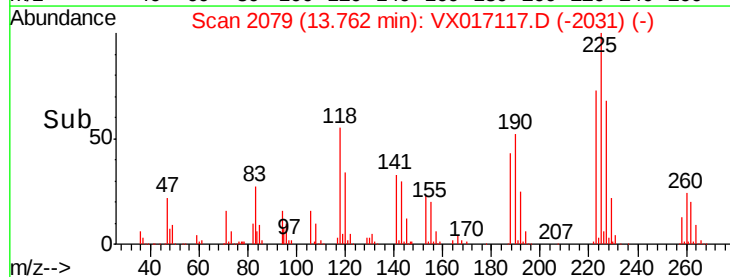
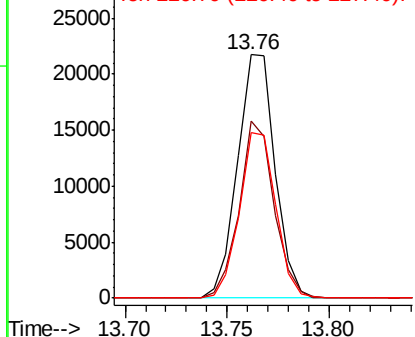


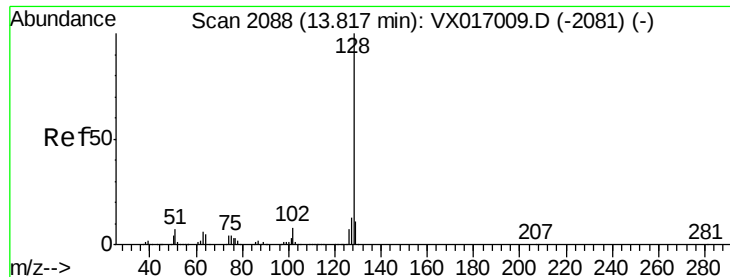
#94
 Hexachlorobutadiene
 Concen: 18.802 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX017117.D
 Acq: 01 Jul 2020 23:13

Tgt Ion:225 Resp: 27762
 Ion Ratio Lower Upper
 225 100
 223 67.5 32.5 97.5
 227 65.7 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: 19.391 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX017117.D

Acq: 01 Jul 2020 23:13

Instrument :

MSVOA_X

ClientSampleId :

VX0701WBSD02

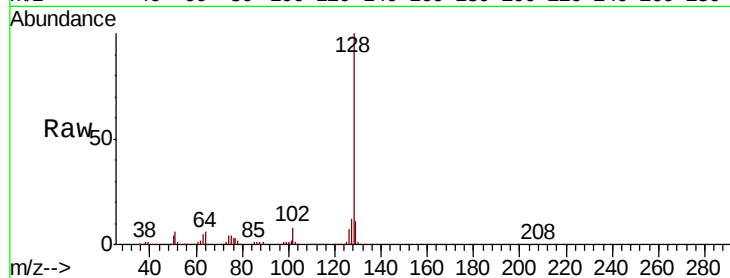
Tot Ion:128 Resp: 236090

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

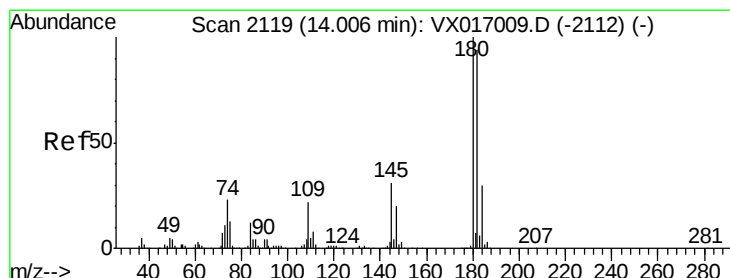
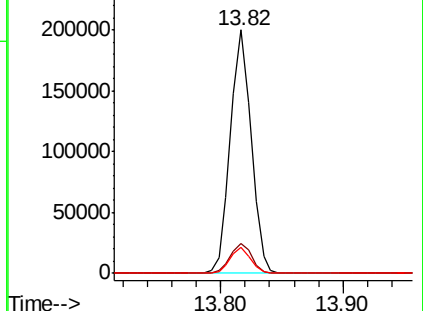
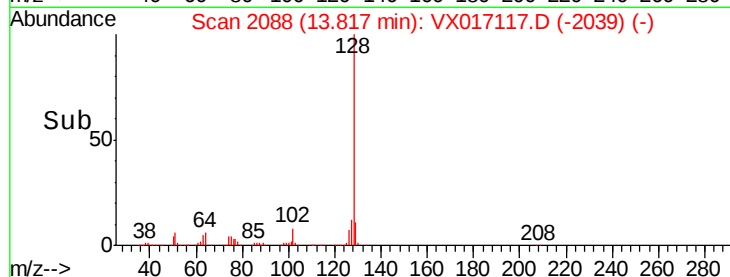
129 10.6 8.7 13.1



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: 19.217 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. -0.01 min

Lab File: VX017117.D

Acq: 01 Jul 2020 23:13

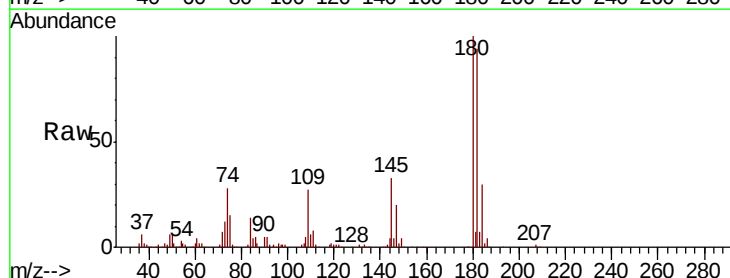
Tgt Ion:180 Resp: 74477

Ion Ratio Lower Upper

180 100

182 94.8 47.1 141.4

145 32.2 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

