

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070720\
 Data File : VX017222.D
 Acq On : 07 Jul 2020 23:27
 Operator : JC/SP
 Sample : VX0707WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0707WBSD02

Quant Time: Jul 08 01:56:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 29 17:10:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	277210	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	424939	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	399850	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	222844	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	165208	48.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.68%	
35) Dibromofluoromethane	5.47	113	137951	51.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.64%	
50) Toluene-d8	8.70	98	490442	49.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.68%	
62) 4-Bromofluorobenzene	11.12	95	192809	49.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	45703	17.042	ug/l	97
3) Chloromethane	1.31	50	47025	14.486	ug/l	99
4) Vinyl Chloride	1.39	62	51069	16.956	ug/l	95
5) Bromomethane	1.63	94	32446	20.390	ug/l	97
6) Chloroethane	1.71	64	32974	18.537	ug/l	96
7) Trichlorofluoromethane	1.92	101	89364	20.062	ug/l	99
8) Diethyl Ether	2.17	74	30479	20.553	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	2.37	101	50300	18.841	ug/l	95
10) Methyl Iodide	2.49	142	43933	12.753	ug/l	99
11) Tert butyl alcohol	3.01	59	60702	93.109	ug/l	96
12) 1,1-Dichloroethene	2.36	96	47948	17.483	ug/l	97
13) Acrolein	2.27	56	40772	104.618	ug/l	95
14) Allyl chloride	2.71	41	83429	16.460	ug/l	97
15) Acrylonitrile	3.12	53	141329	90.176	ug/l	99
16) Acetone	2.42	43	120523	94.274	ug/l	96
17) Carbon Disulfide	2.55	76	134742	17.621	ug/l	100
18) Methyl Acetate	2.75	43	64443	19.310	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	172777	18.770	ug/l	99
20) Methylene Chloride	2.84	84	58234	19.382	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	54916	18.043	ug/l	99
22) Diisopropyl ether	3.82	45	175030	18.658	ug/l	97
23) Vinyl Acetate	3.79	43	738367	91.595	ug/l	99
24) 1,1-Dichloroethane	3.67	63	99869	18.710	ug/l	98
25) 2-Butanone	4.64	43	193214	90.702	ug/l	98
26) 2,2-Dichloropropane	4.56	77	69041	14.567	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	61603	17.863	ug/l	100
28) Bromochloromethane	4.98	49	48999	18.864	ug/l	97
29) Tetrahydrofuran	5.09	42	124339	88.342	ug/l	98
30) Chloroform	5.18	83	105023	19.194	ug/l	98
31) Cyclohexane	5.55	56	78666	17.050	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	96512	19.152	ug/l	99
36) 1,1-Dichloropropene	5.77	75	73518	18.305	ug/l	99
37) Ethyl Acetate	4.79	43	74981	18.401	ug/l	98
38) Carbon Tetrachloride	5.75	117	88076	19.911	ug/l	100

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 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0707WBSD02

Quant Time: Jul 08 01:56:59 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	76471	17.113	ug/l	94
40) Benzene	6.12	78	220448	18.682	ug/l	99
41) Methacrylonitrile	5.00	41	41949	18.291	ug/l	98
42) 1,2-Dichloroethane	6.16	62	85098	19.965	ug/l	99
43) Isopropyl Acetate	6.42	43	121995	18.017	ug/l	99
44) Trichloroethene	7.19	130	64570	19.642	ug/l	96
45) 1,2-Dichloropropane	7.49	63	57444	18.953	ug/l	100
46) Dibromomethane	7.63	93	40367	19.509	ug/l	95
47) Bromodichloromethane	7.87	83	83221	19.516	ug/l	100
48) Methyl methacrylate	7.74	41	58927	18.317	ug/l	96
49) 1,4-Dioxane	7.71	88	27825	381.793	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	385358	95.472	ug/l	100
52) Toluene	8.76	92	140804	19.112	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	86768	18.442	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	93152	18.469	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	59163	19.655	ug/l	96
56) Ethyl methacrylate	9.16	69	79796	18.625	ug/l	98
57) 1,3-Dichloropropane	9.35	76	96153	18.878	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	195336	91.609	ug/l	98
59) 2-Hexanone	9.47	43	284639	96.558	ug/l	99
60) Dibromochloromethane	9.57	129	71049	20.322	ug/l	99
61) 1,2-Dibromoethane	9.65	107	62405	19.287	ug/l	99
64) Tetrachloroethene	9.32	164	62649	19.414	ug/l	95
65) Chlorobenzene	10.12	112	158615	19.220	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	61744	19.414	ug/l	98
67) Ethyl Benzene	10.23	91	262282	19.031	ug/l	99
68) m/p-Xylenes	10.34	106	204624	38.668	ug/l	97
69) o-Xylene	10.68	106	94706	18.813	ug/l	98
70) Styrene	10.70	104	170666	19.908	ug/l	99
71) Bromoform	10.84	173	54093	21.448	ug/l #	99
73) Isopropylbenzene	11.00	105	266319	18.245	ug/l	99
74) N-amyl acetate	10.88	43	104621	16.798	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	83845	18.261	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	100042	22.830	ug/l	87
77) Bromobenzene	11.24	156	73131	18.230	ug/l	97
78) n-propylbenzene	11.34	91	298693	18.096	ug/l	100
79) 2-Chlorotoluene	11.40	91	183920	18.411	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	225064	18.589	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	26330	15.560	ug/l	93
82) 4-Chlorotoluene	11.49	91	221863	18.578	ug/l	98
83) tert-Butylbenzene	11.76	119	216330	18.201	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	230942	18.802	ug/l	100
85) sec-Butylbenzene	11.93	105	251394	17.994	ug/l	99
86) p-Isopropyltoluene	12.05	119	239064	18.381	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	135022	18.532	ug/l	97
88) 1,4-Dichlorobenzene	12.08	146	135328	19.579	ug/l	99
89) n-Butylbenzene	12.37	91	194911	16.784	ug/l	99
90) Hexachloroethane	12.58	117	46717	18.215	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	126005	18.502	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	19443	17.751	ug/l	98

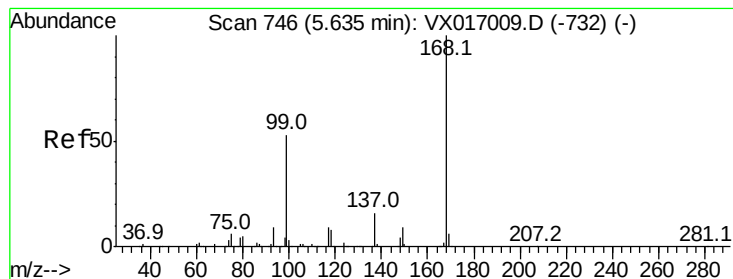
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX070720\
Data File : VX017222.D
Acq On : 07 Jul 2020 23:27
Operator : JC/SP
Sample : VX0707WBSD02
Misc : 5.0mL/MSVOA X/WATER
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Instrument :
MSVOA_X
ClientSampleId :
VX0707WBSD02

Quant Time: Jul 08 01:56:59 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	84484	18.175	ug/l	97
94) Hexachlorobutadiene	13.77	225	32655	19.042	ug/l	95
95) Naphthalene	13.82	128	254963	18.041	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	83025	18.456	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX017222.D

Acq: 07 Jul 2020 23:27

Instrument :

MSVOA_X

ClientSampleId :

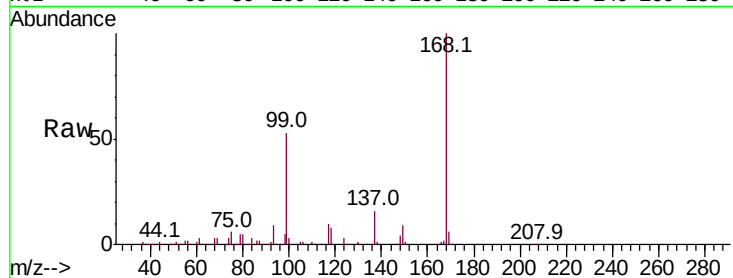
VX0707WBSD02

Tot Ion:168 Resp: 277210

Ion Ratio Lower Upper

168 100

99 52.6 42.6 64.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

100000

80000

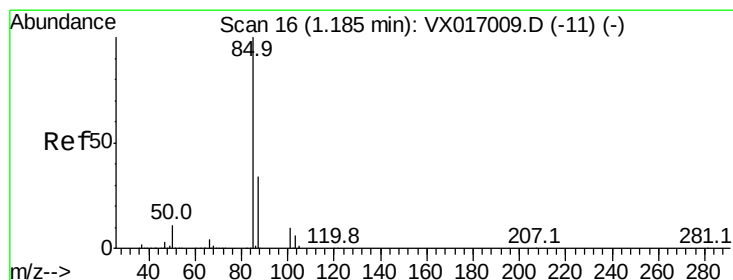
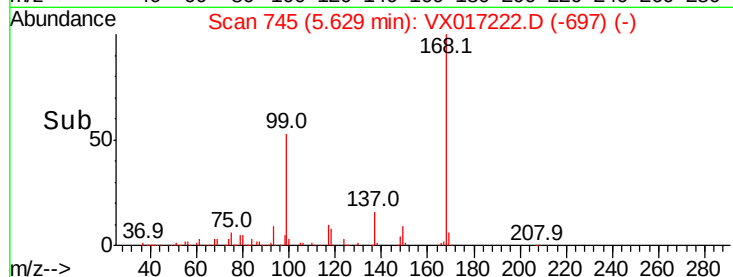
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 17.042 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX017222.D

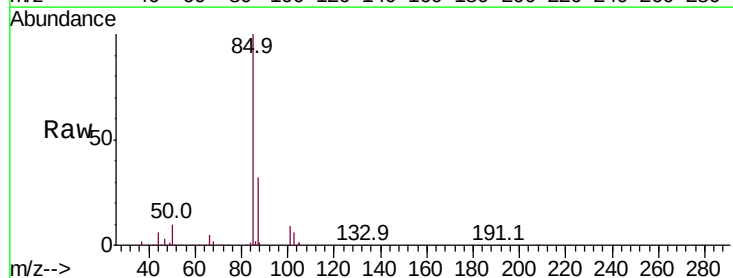
Acq: 07 Jul 2020 23:27

Tgt Ion: 85 Resp: 45703

Ion Ratio Lower Upper

85 100

87 32.1 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

60000

50000

40000

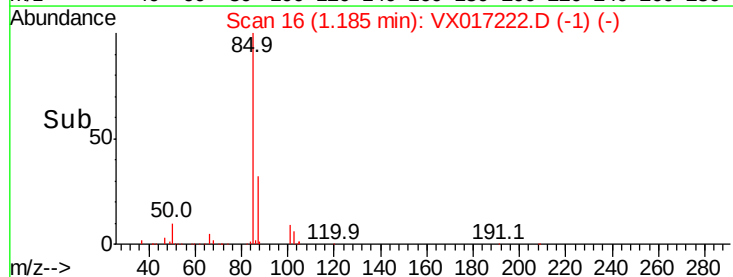
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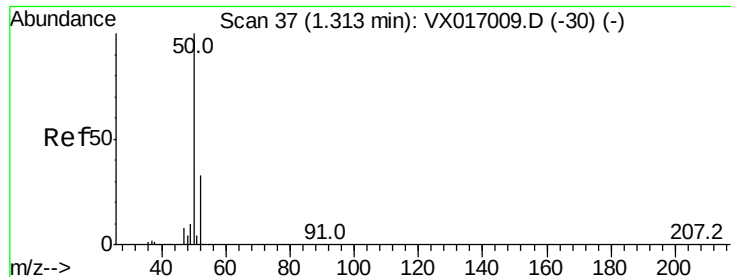
20000

10000

0

Time-->





#3

Chloromethane

Concen: 14.486 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX017222.D

Acq: 07 Jul 2020 23:27

Instrument :

MSVOA_X

ClientSampleId :

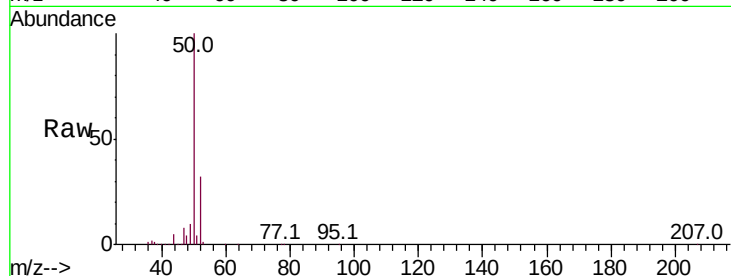
VX0707WBSD02

Tot Ion: 50 Resp: 47025

Ion Ratio Lower Upper

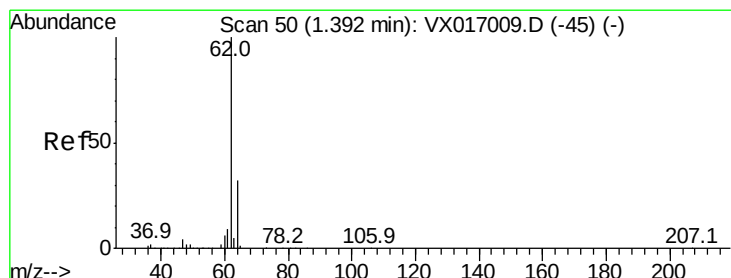
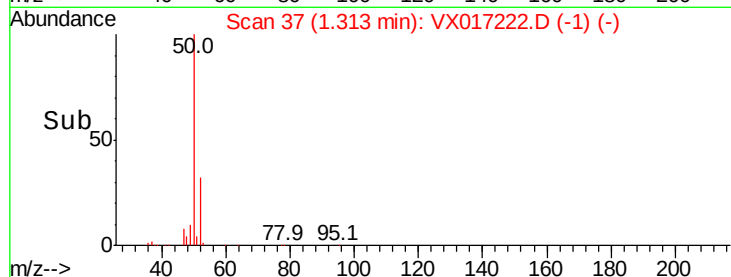
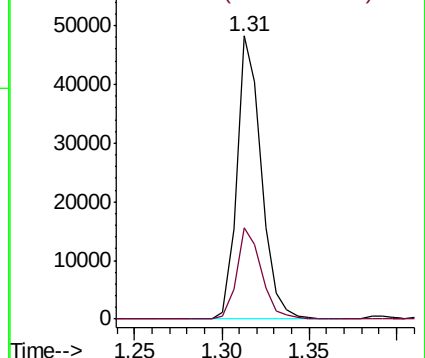
50 100

52 32.1 26.1 39.1



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 16.956 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX017222.D

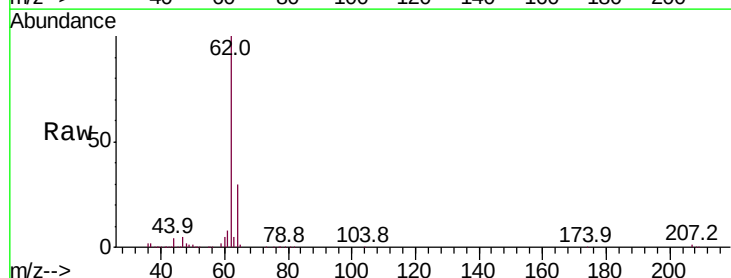
Acq: 07 Jul 2020 23:27

Tgt Ion: 62 Resp: 51069

Ion Ratio Lower Upper

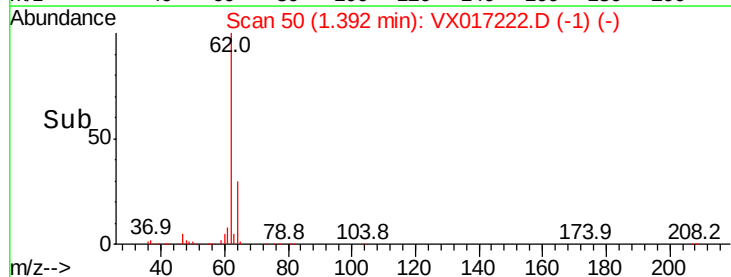
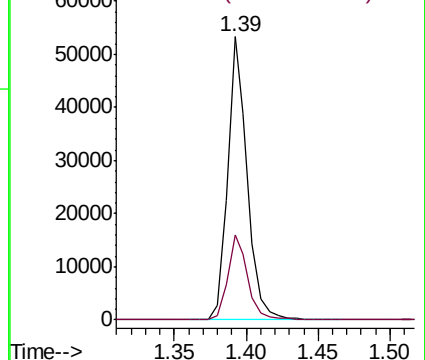
62 100

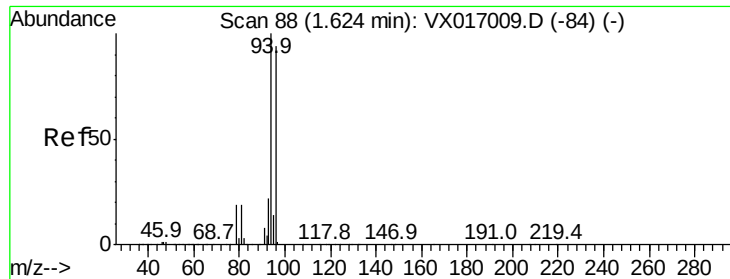
64 29.9 25.9 38.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 20.390 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX017222.D

Acq: 07 Jul 2020 23:27

Instrument :

MSVOA_X

ClientSampleId :

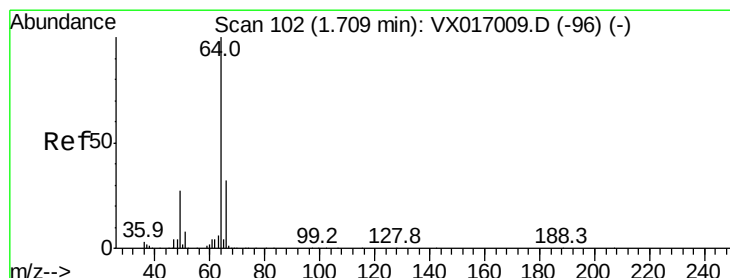
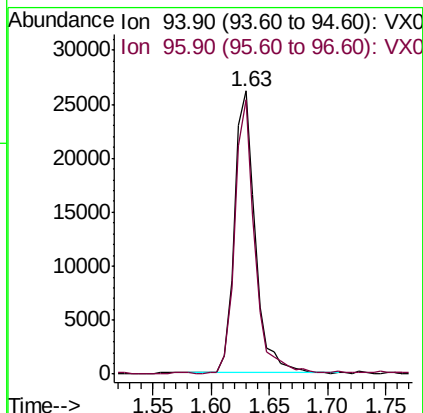
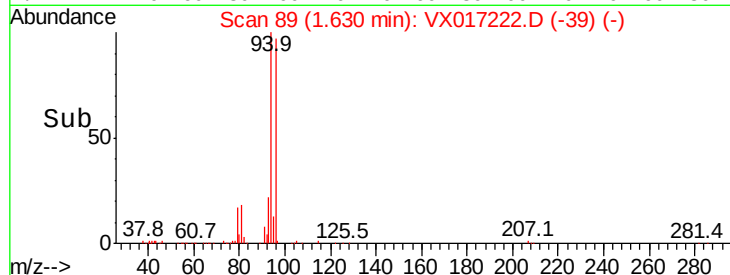
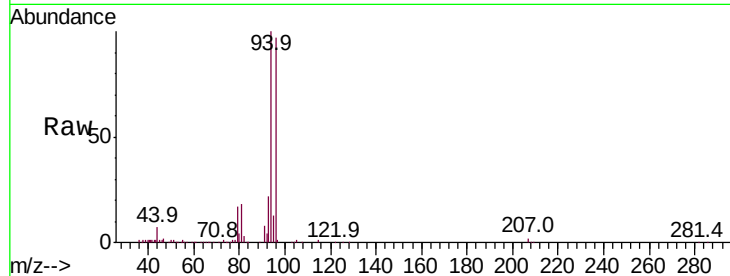
VX0707WBSD02

Tot Ion: 94 Resp: 32446

Ion Ratio Lower Upper

94 100

96 96.8 75.0 112.4



#6

Chloroethane

Concen: 18.537 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.00 min

Lab File: VX017222.D

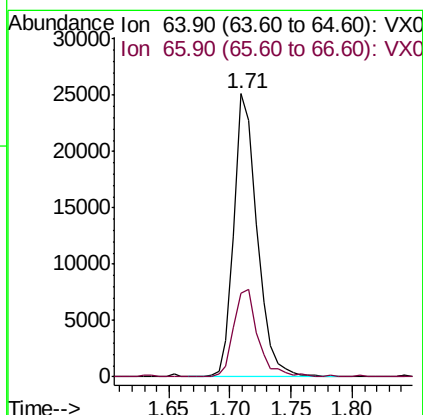
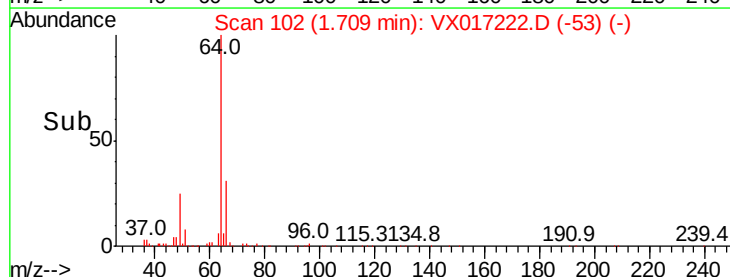
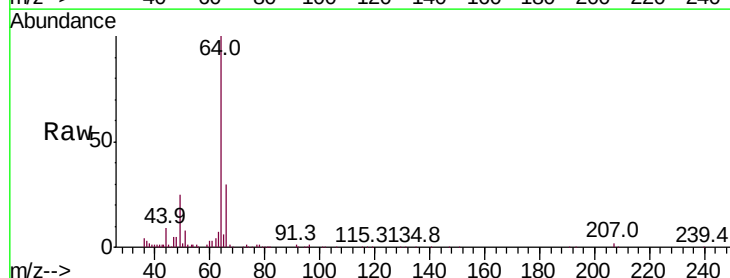
Acq: 07 Jul 2020 23:27

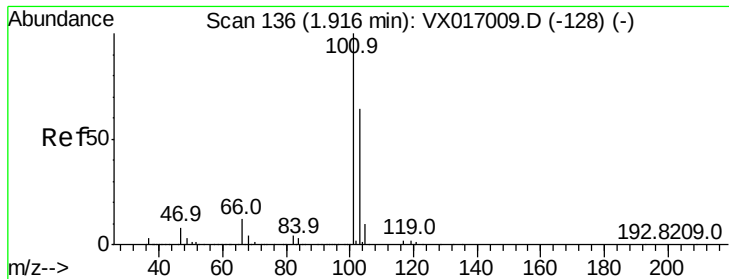
Tgt Ion: 64 Resp: 32974

Ion Ratio Lower Upper

64 100

66 29.5 25.5 38.3



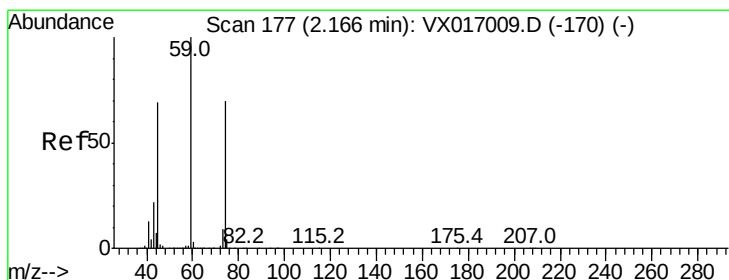
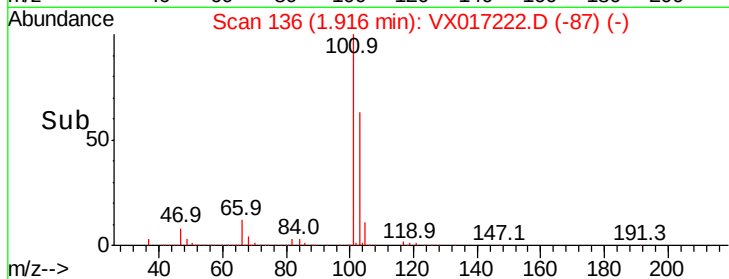
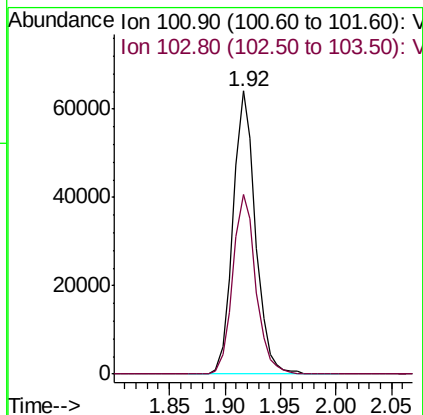
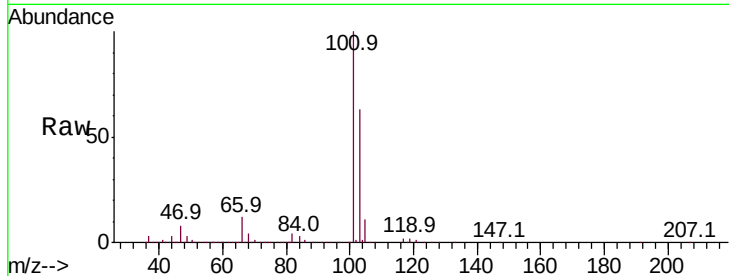


#7

Trichlorofluoromethane
 Concen: 20.062 ug/l
 RT: 1.92 min Scan# 136
 Delta R.T. -0.00 min
 Lab File: VX017222.D
 Acq: 07 Jul 2020 23:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0707WBSD02

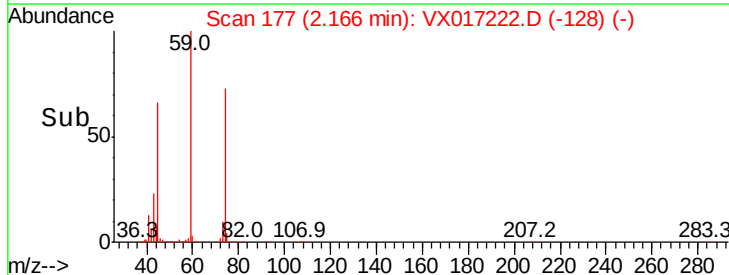
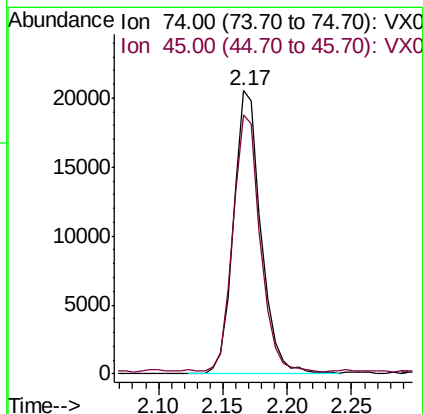
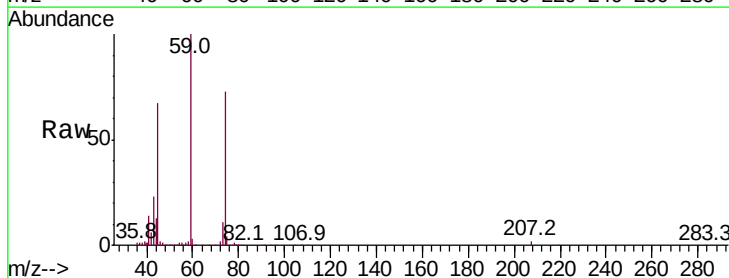
Tot Ion:101 Resp: 89364
 Ion Ratio Lower Upper
 101 100
 103 63.3 51.5 77.3

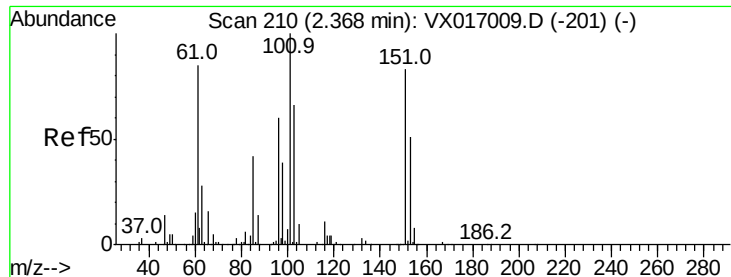


#8

Diethyl Ether
 Concen: 20.553 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. 0.00 min
 Lab File: VX017222.D
 Acq: 07 Jul 2020 23:27

Tgt Ion: 74 Resp: 30479
 Ion Ratio Lower Upper
 74 100
 45 90.3 49.8 149.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.841 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX017222.D

Acq: 07 Jul 2020 23:27

Instrument :

MSVOA_X

ClientSampleId :

VX0707WBSD02

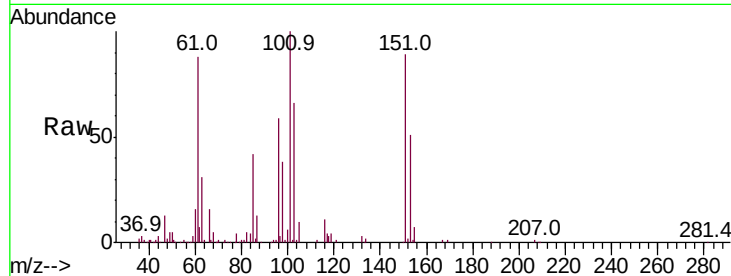
Tot Ion:101 Resp: 50300

Ion Ratio Lower Upper

101 100

85 43.8 33.5 50.3

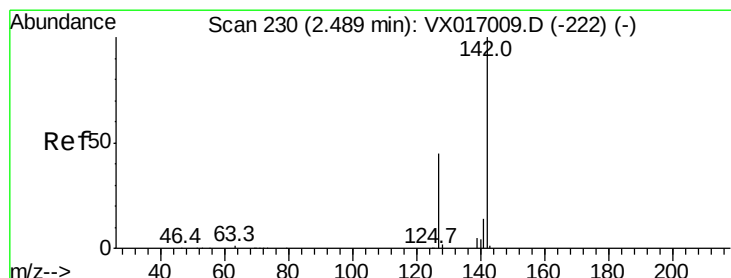
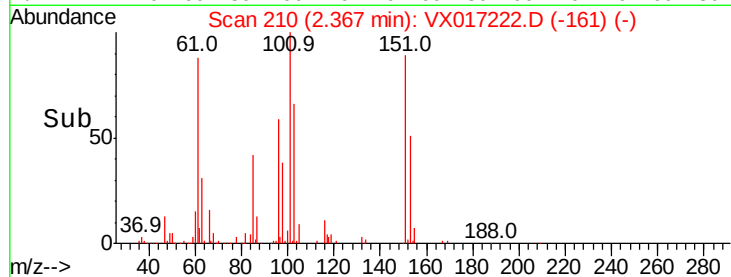
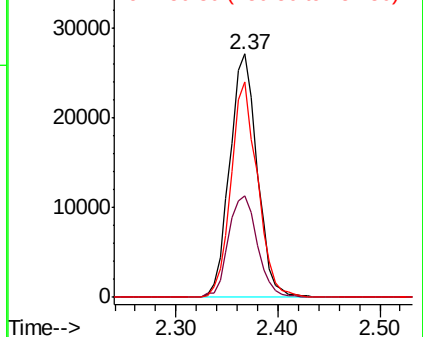
151 85.3 63.8 95.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 12.753 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX017222.D

Acq: 07 Jul 2020 23:27

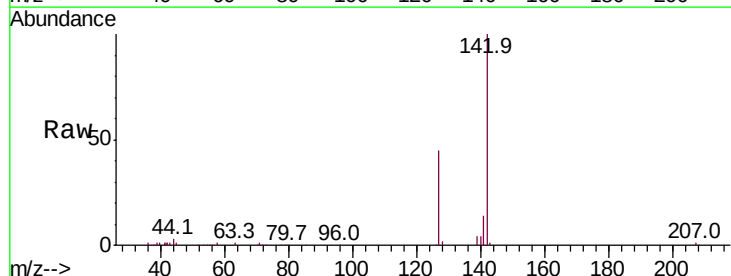
Tgt Ion:142 Resp: 43933

Ion Ratio Lower Upper

142 100

127 44.7 36.6 54.8

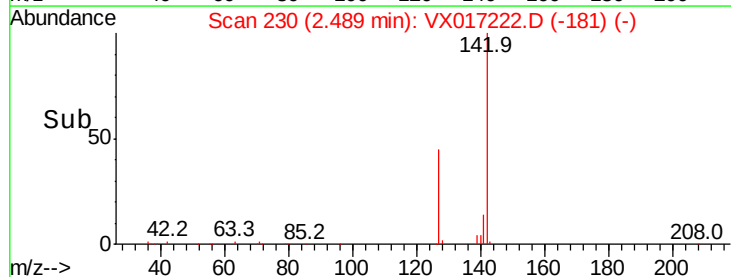
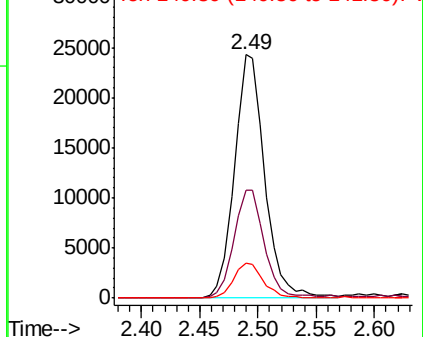
141 14.1 11.6 17.4

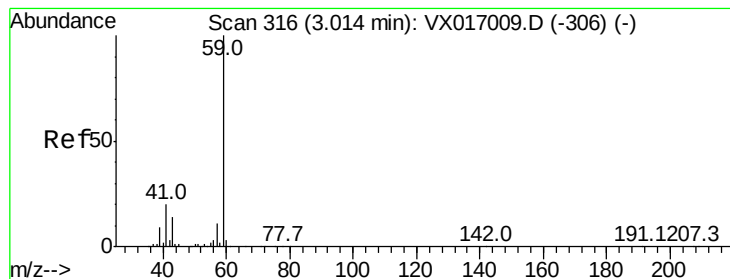


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



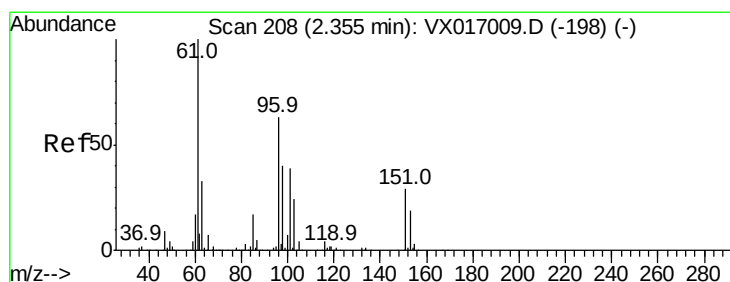
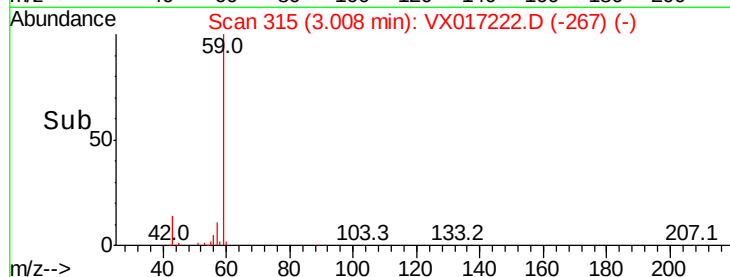
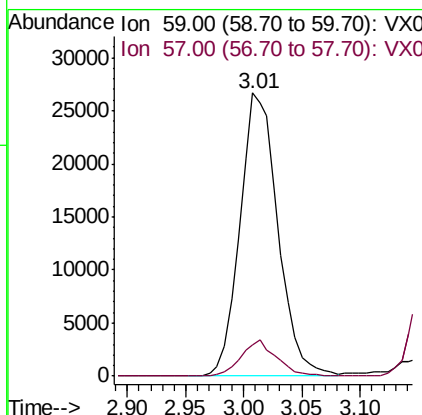
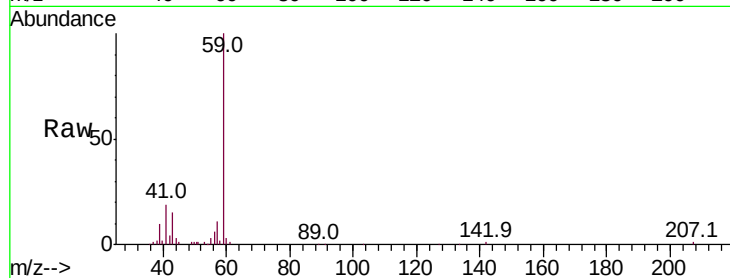


#11

Tert butyl alcohol
Concen: 93.109 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX017222.D
Acq: 07 Jul 2020 23:27

Instrument :
MSVOA_X
ClientSampleId :
VX0707WBSD02

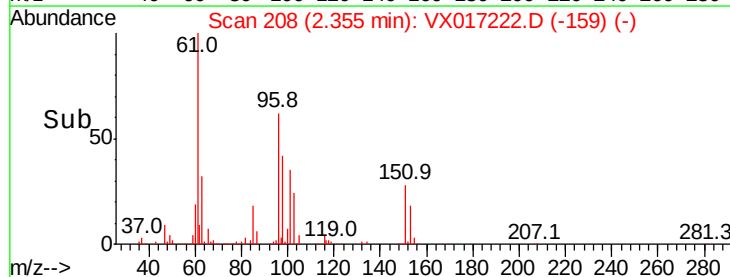
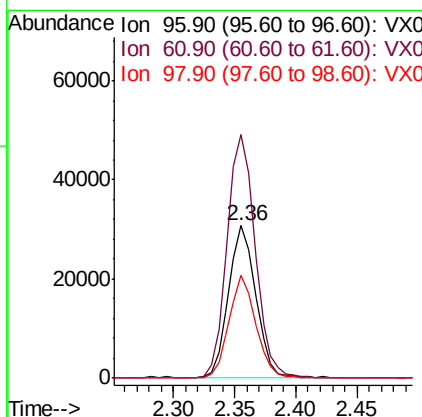
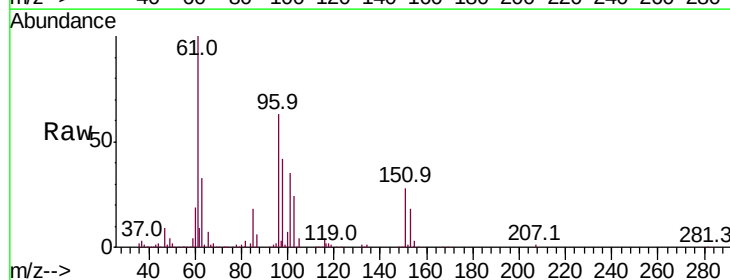
Tot Ion: 59 Resp: 60702
Ion Ratio Lower Upper
59 100
57 11.8 8.2 12.2

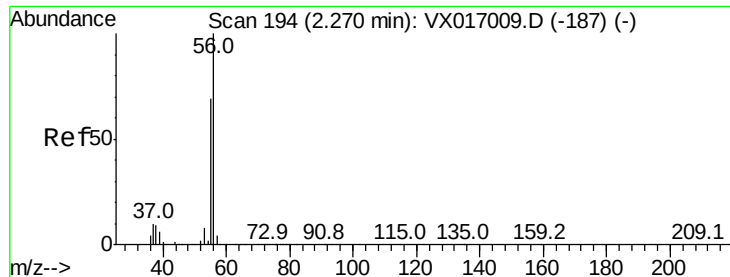


#12

1,1-Dichloroethene
Concen: 17.483 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX017222.D
Acq: 07 Jul 2020 23:27

Tgt Ion: 96 Resp: 47948
Ion Ratio Lower Upper
96 100
61 159.9 126.3 189.5
98 67.6 51.0 76.6

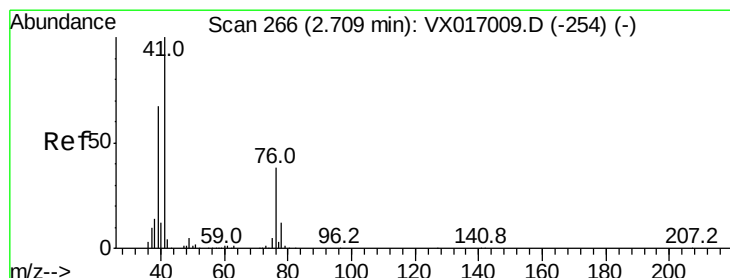
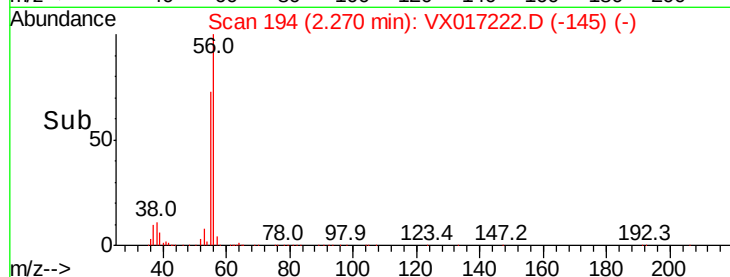
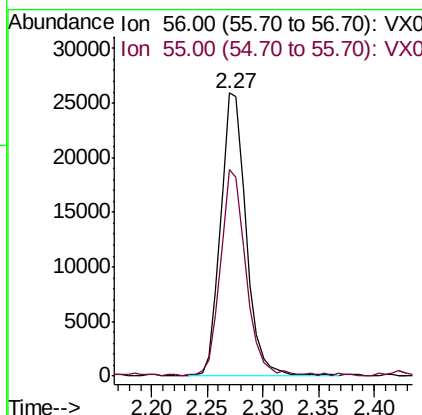
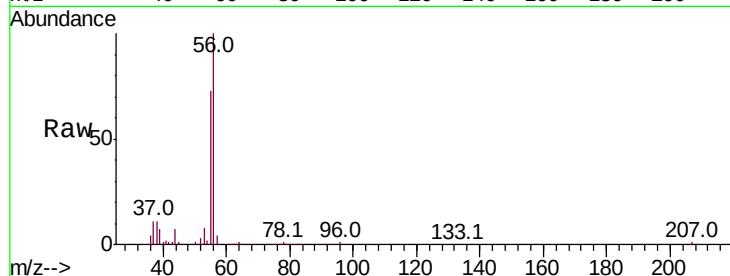




#13
Acrolein
Concen: 104.618 ug/l
RT: 2.27 min Scan# 194
Delta R.T. -0.00 min
Lab File: VX017222.D
Acq: 07 Jul 2020 23:27

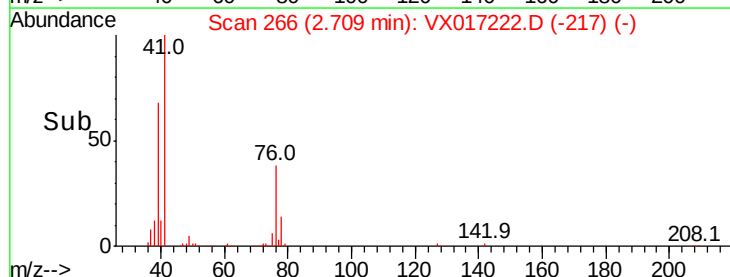
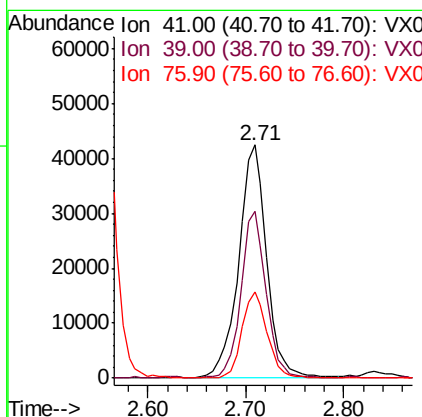
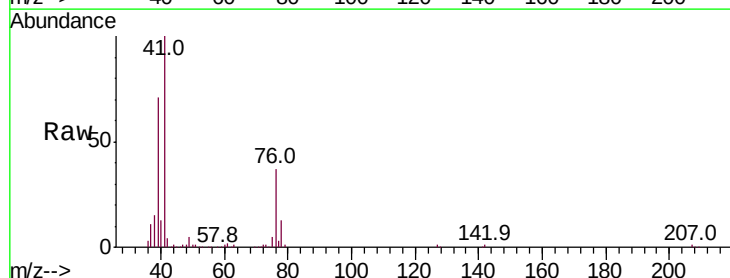
Instrument :
MSVOA_X
ClientSampleId :
VX0707WBSD02

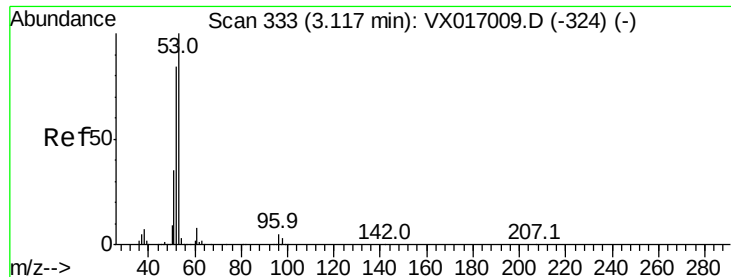
Tot Ion: 56 Resp: 40772
Ion Ratio Lower Upper
56 100
55 73.9 55.7 83.5



#14
Allyl chloride
Concen: 16.460 ug/l
RT: 2.71 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX017222.D
Acq: 07 Jul 2020 23:27

Tgt Ion: 41 Resp: 83429
Ion Ratio Lower Upper
41 100
39 64.9 49.4 74.2
76 33.3 26.8 40.2





#15

Acrylonitrile

Concen: 90.176 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX017222.D

Acq: 07 Jul 2020 23:27

Instrument :

MSVOA_X

ClientSampleId :

VX0707WBSD02

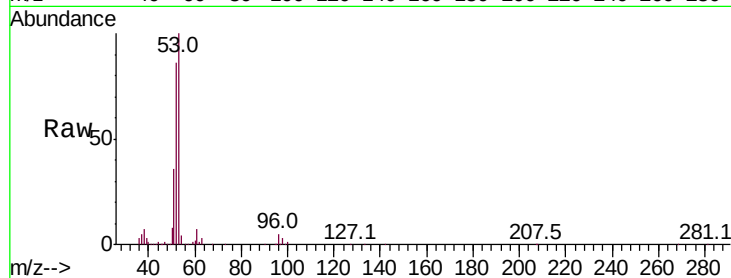
Tot Ion: 53 Resp: 141329

Ion Ratio Lower Upper

53 100

52 82.2 65.6 98.4

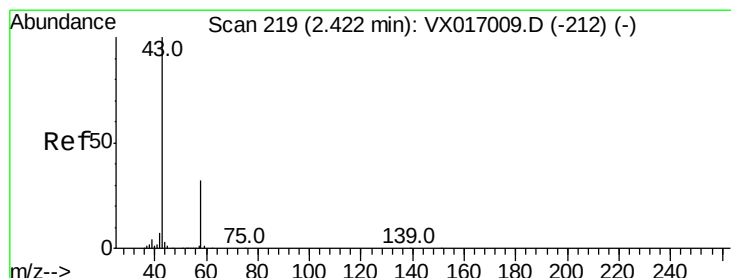
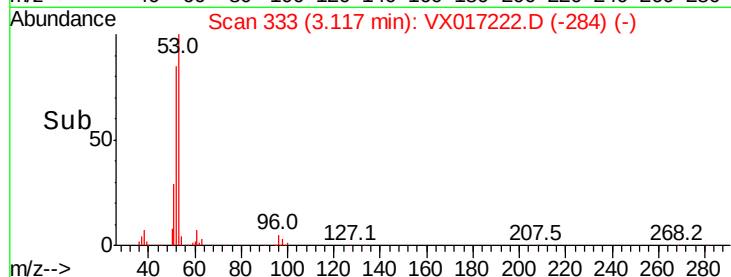
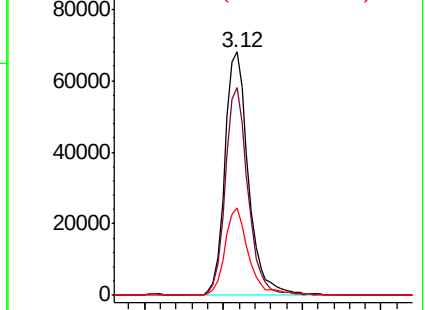
51 36.3 28.3 42.5



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 94.274 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX017222.D

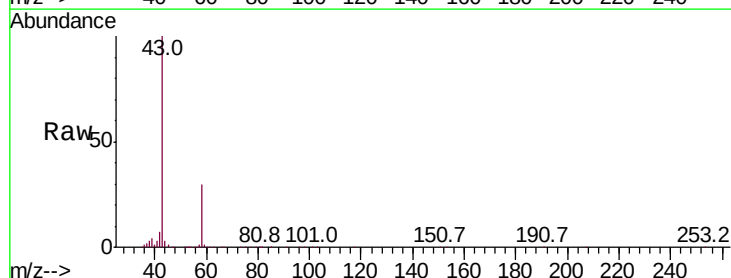
Acq: 07 Jul 2020 23:27

Tgt Ion: 43 Resp: 120523

Ion Ratio Lower Upper

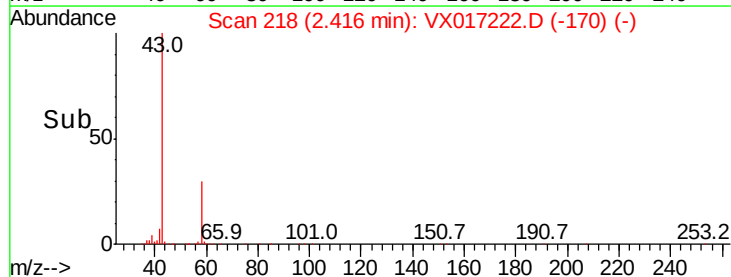
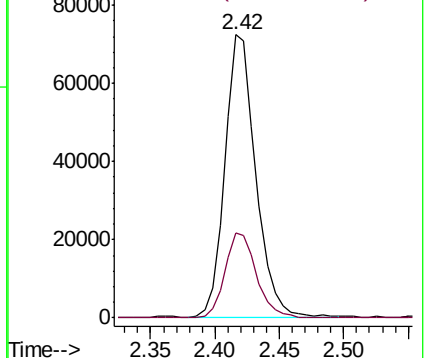
43 100

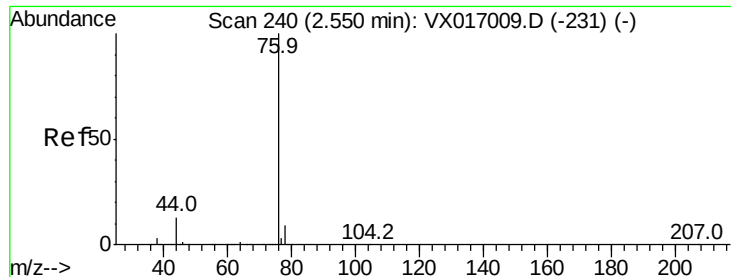
58 29.8 25.7 38.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 17.621 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX017222.D

Acq: 07 Jul 2020 23:27

Instrument :

MSVOA_X

ClientSampleId :

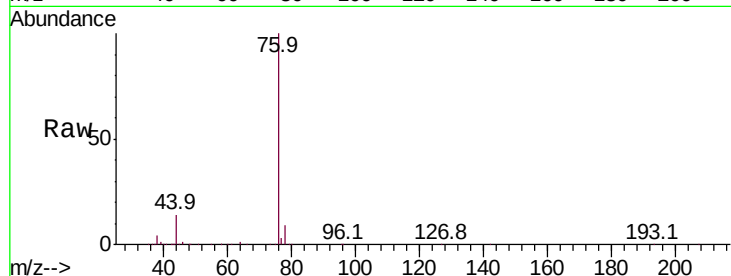
VX0707WBSD02

Tot Ion: 76 Resp: 134742

Ion Ratio Lower Upper

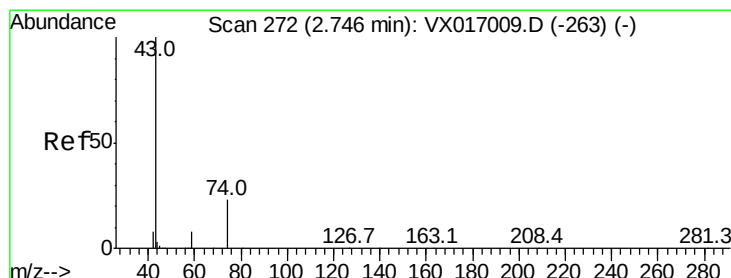
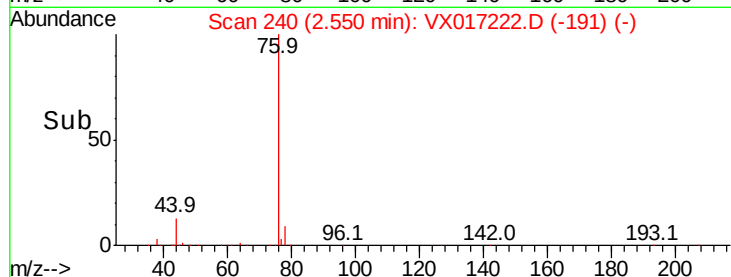
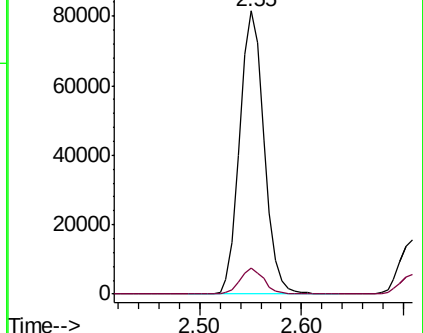
76 100

78 9.0 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 19.310 ug/l

RT: 2.75 min Scan# 273

Delta R.T. 0.01 min

Lab File: VX017222.D

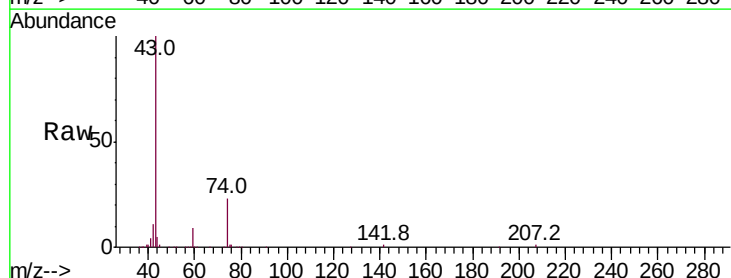
Acq: 07 Jul 2020 23:27

Tgt Ion: 43 Resp: 64443

Ion Ratio Lower Upper

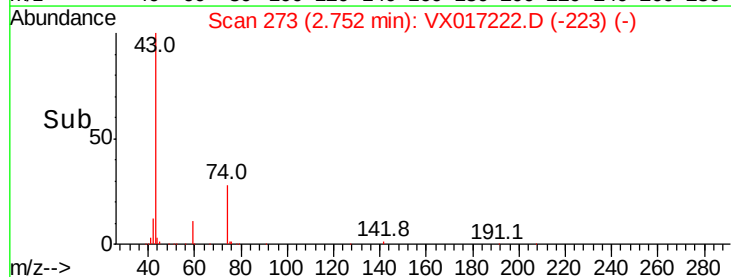
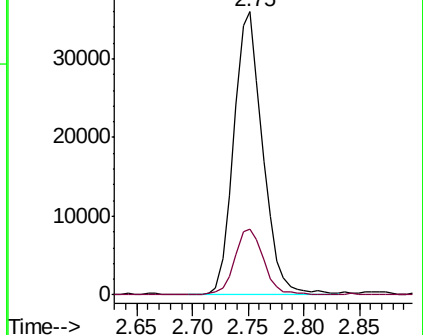
43 100

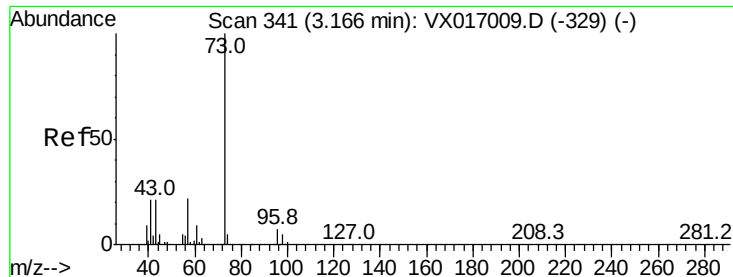
74 23.7 19.3 28.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



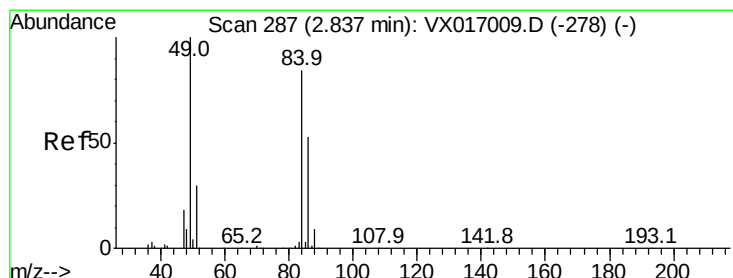
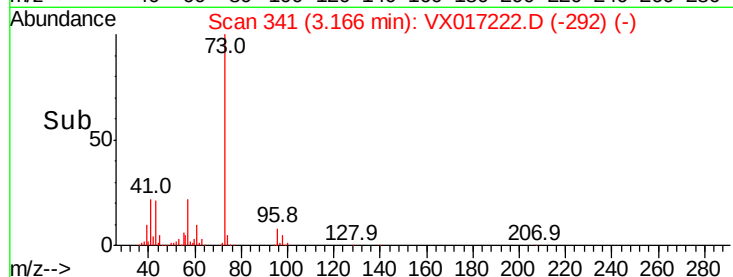
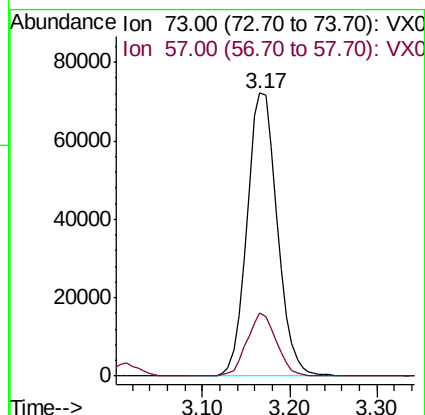
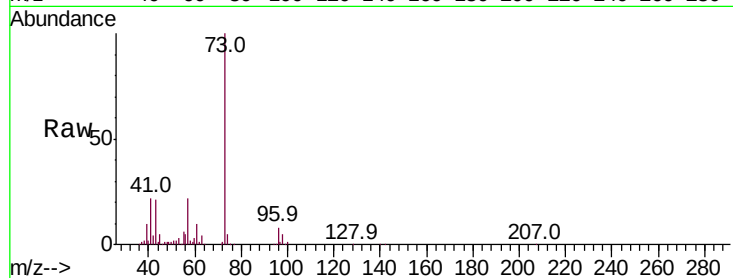


#19

Methyl tert-butyl Ether
 Concen: 18.770 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.00 min
 Lab File: VX017222.D
 Acq: 07 Jul 2020 23:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0707WBSD02

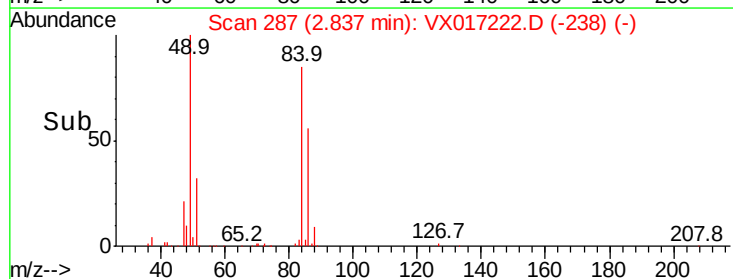
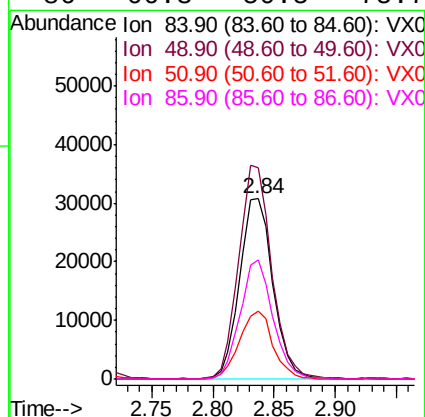
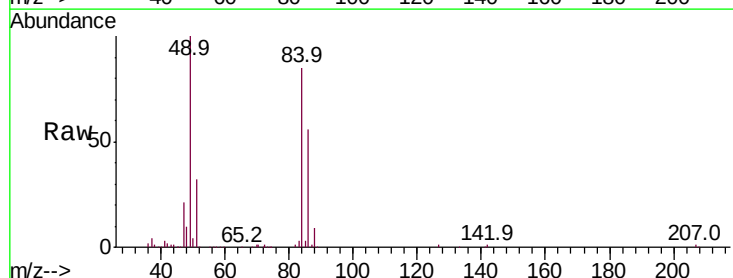
Tot Ion: 73 Resp: 172777
 Ion Ratio Lower Upper
 73 100
 57 22.5 17.6 26.4

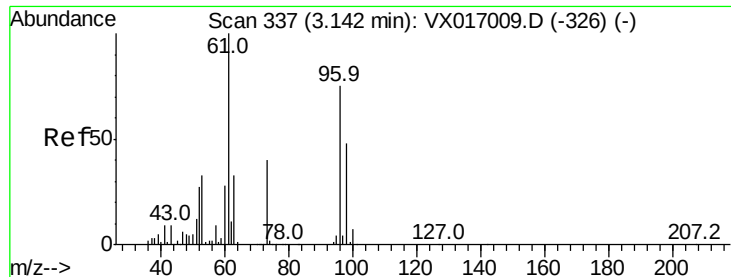


#20

Methylene Chloride
 Concen: 19.382 ug/l
 RT: 2.84 min Scan# 287
 Delta R.T. 0.00 min
 Lab File: VX017222.D
 Acq: 07 Jul 2020 23:27

Tgt Ion: 84 Resp: 58234
 Ion Ratio Lower Upper
 84 100
 49 117.4 94.7 142.1
 51 37.8 28.6 42.8
 86 66.3 50.5 75.7





#21

trans-1,2-Dichloroethene

Concen: 18.043 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX017222.D

Acq: 07 Jul 2020 23:27

Instrument :

MSVOA_X

ClientSampleId :

VX0707WBSD02

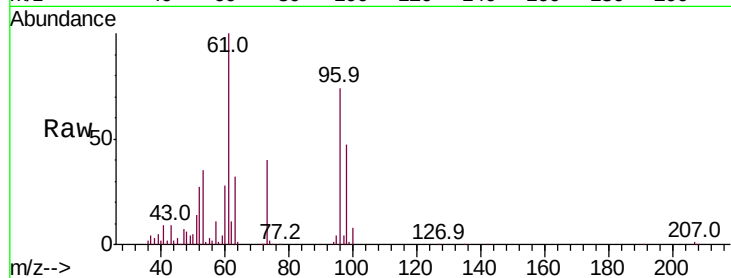
Tot Ion: 96 Resp: 54916

Ion Ratio Lower Upper

96 100

61 135.0 107.0 160.6

98 63.2 51.6 77.4

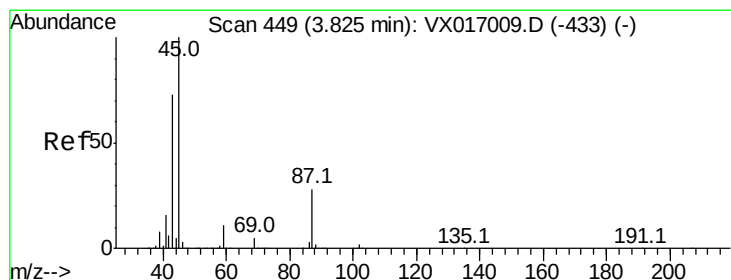
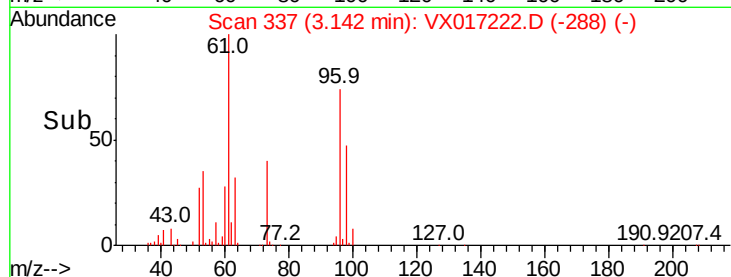
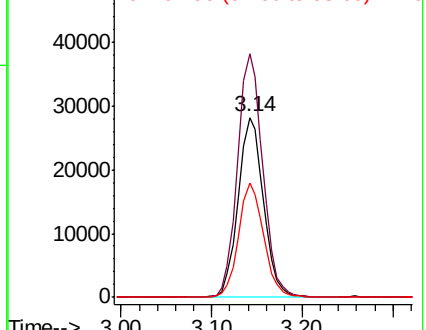


Abundance

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: 18.658 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX017222.D

Acq: 07 Jul 2020 23:27

Tgt Ion: 45 Resp: 175030

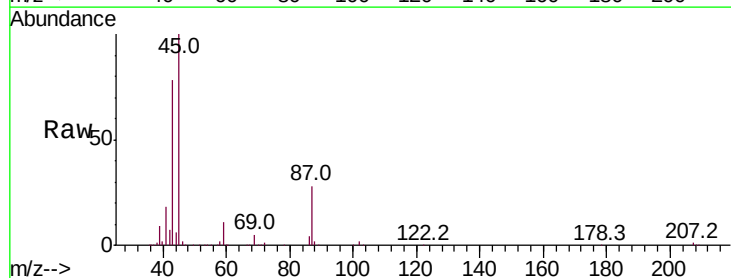
Ion Ratio Lower Upper

45 100

43 77.6 58.6 88.0

87 28.3 22.6 34.0

59 11.2 8.7 13.1



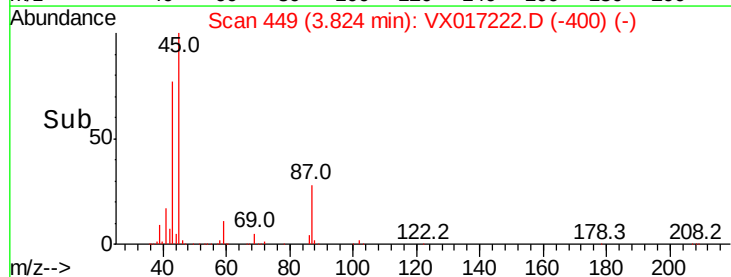
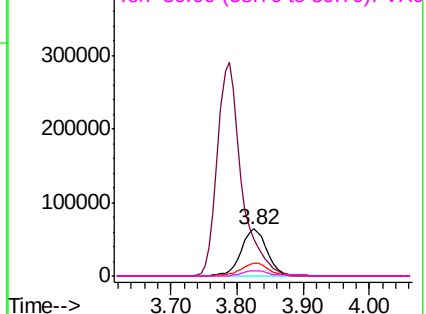
Abundance

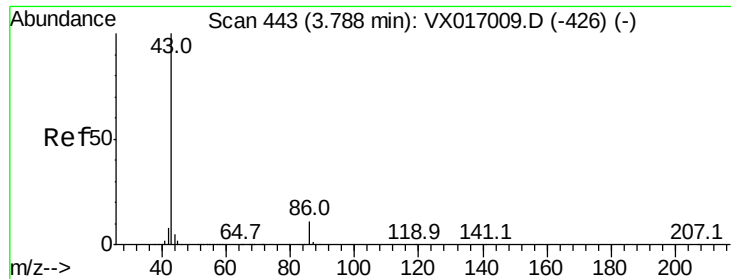
Ion 45.00 (44.70 to 45.70): VX0

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: 91.595 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX017222.D

Acq: 07 Jul 2020 23:27

Instrument :

MSVOA_X

ClientSampleId :

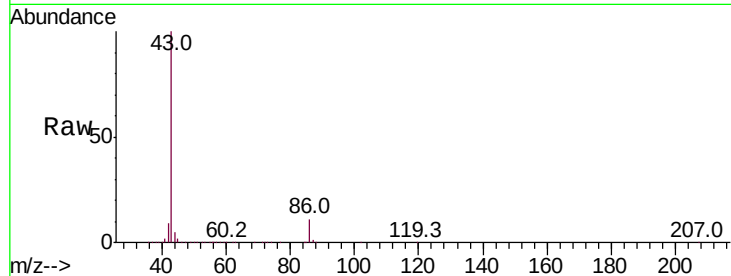
VX0707WBSD02

Tot Ion: 43 Resp: 738367

Ion Ratio Lower Upper

43 100

86 11.1 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

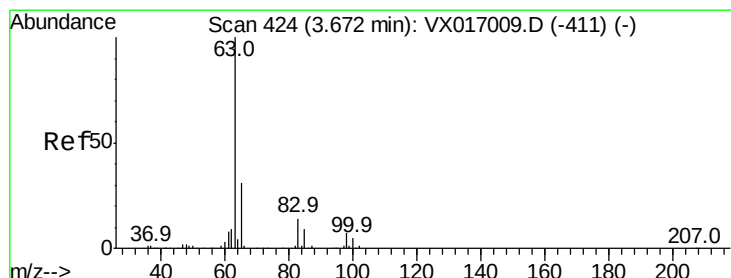
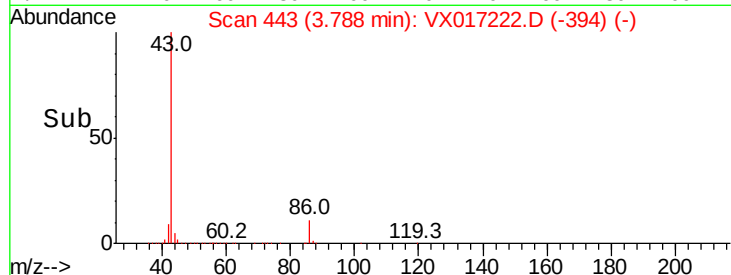
300000

200000

100000

0

Time--> 3.70 3.80 3.90 4.00



#24

1,1-Dichloroethane

Concen: 18.710 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX017222.D

Acq: 07 Jul 2020 23:27

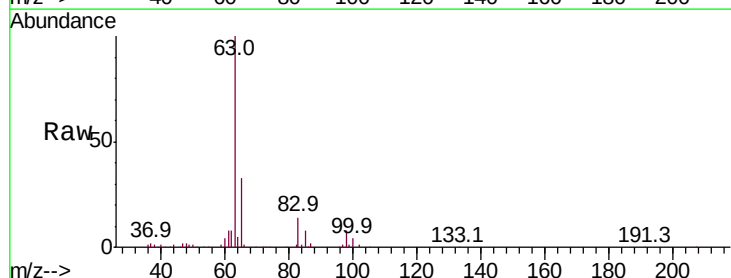
Tgt Ion: 63 Resp: 99869

Ion Ratio Lower Upper

63 100

98 7.8 3.6 10.8

100 3.9 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

3.67

50000

40000

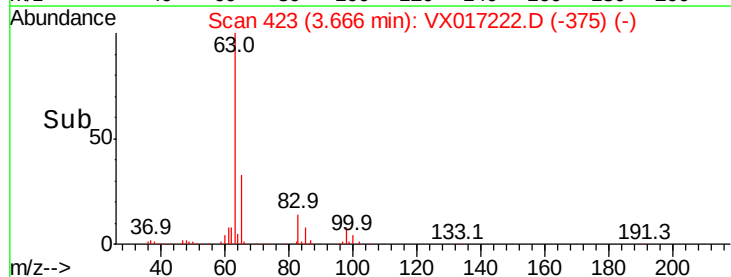
30000

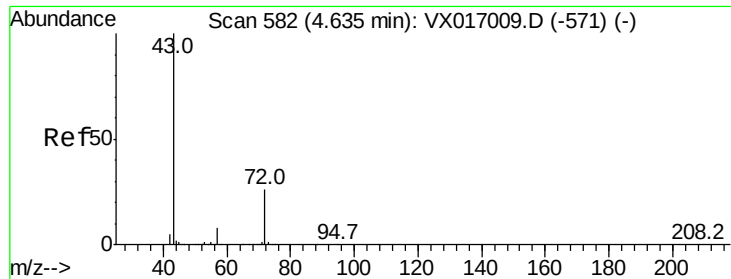
20000

10000

0

Time--> 3.50 3.60 3.70 3.80





#25

2-Butanone

Concen: 90.702 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX017222.D

Acq: 07 Jul 2020 23:27

Instrument :

MSVOA_X

ClientSampleId :

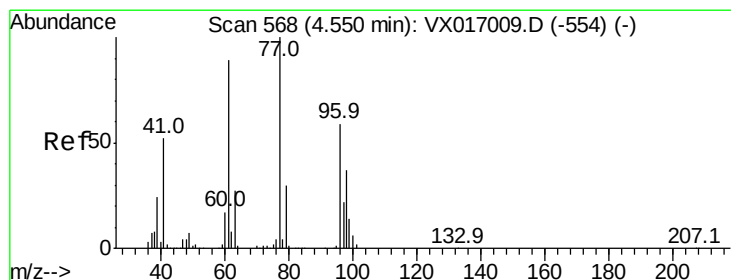
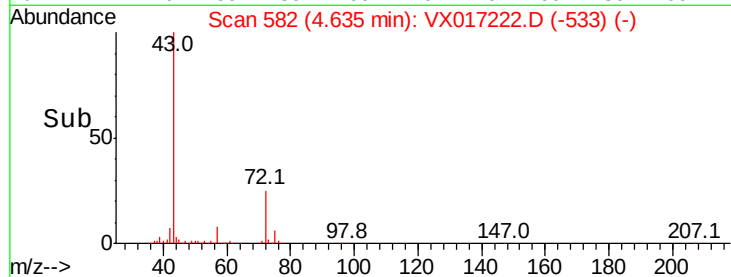
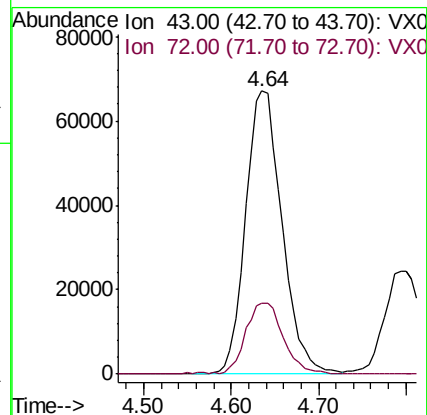
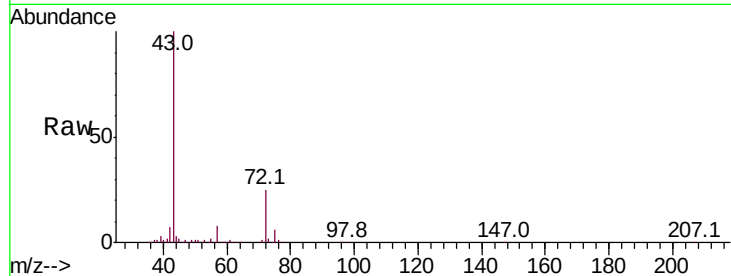
VX0707WBSD02

Tot Ion: 43 Resp: 193214

Ion Ratio Lower Upper

43 100

72 24.9 20.8 31.2



#26

2,2-Dichloropropane

Concen: 14.567 ug/l

RT: 4.56 min Scan# 569

Delta R.T. 0.01 min

Lab File: VX017222.D

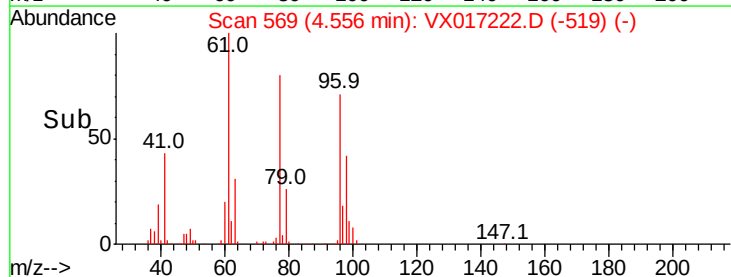
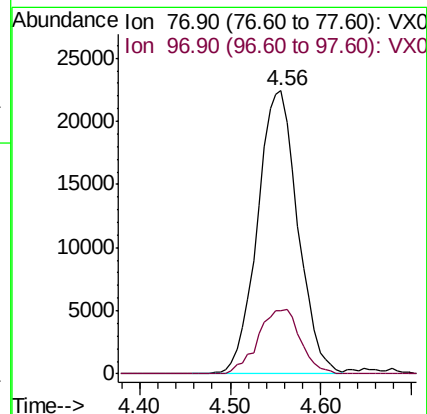
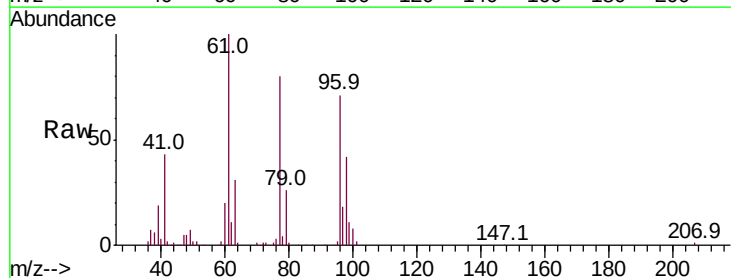
Acq: 07 Jul 2020 23:27

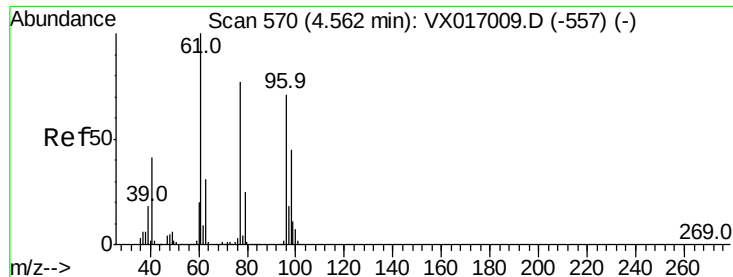
Tgt Ion: 77 Resp: 69041

Ion Ratio Lower Upper

77 100

97 23.9 11.4 34.2



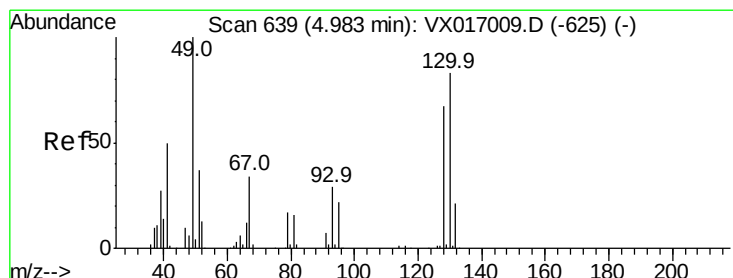
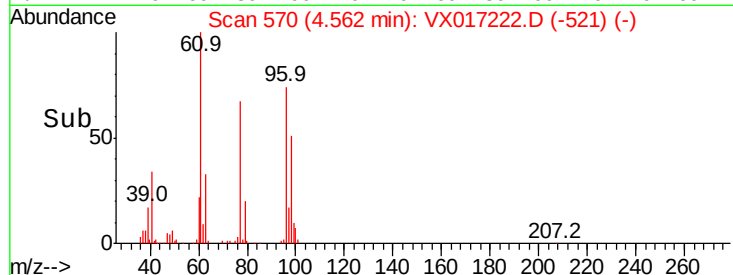
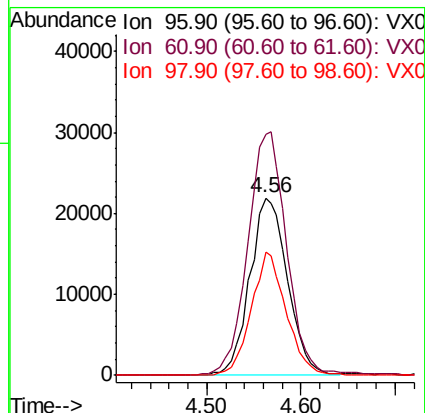
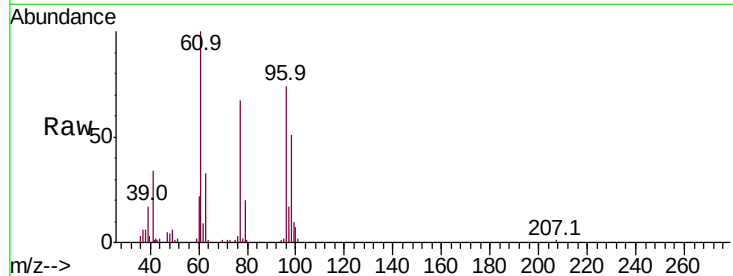


#27

cis-1,2-Dichloroethene
Concen: 17.863 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX017222.D
Acq: 07 Jul 2020 23:27

Instrument :
MSVOA_X
ClientSampleId :
VX0707WBSD02

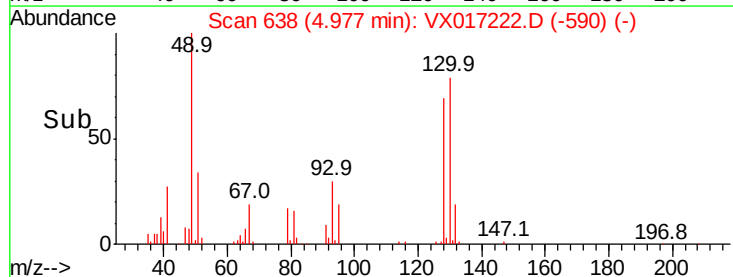
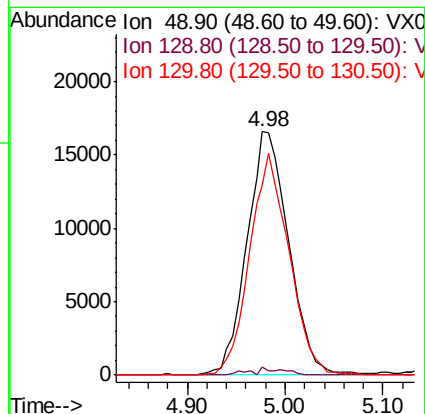
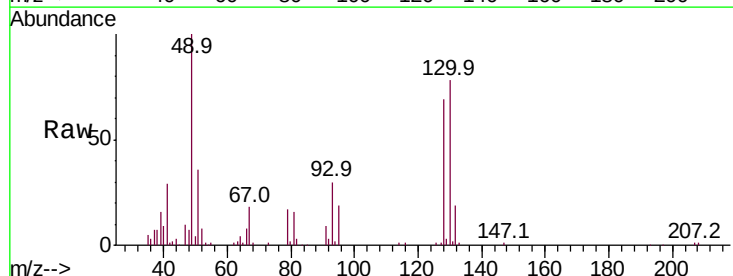
Tot Ion	96	Resp	61603
Ion	Ratio	Lower	Upper
96	100		
61	141.3	0.0	282.8
98	64.2	0.0	127.6

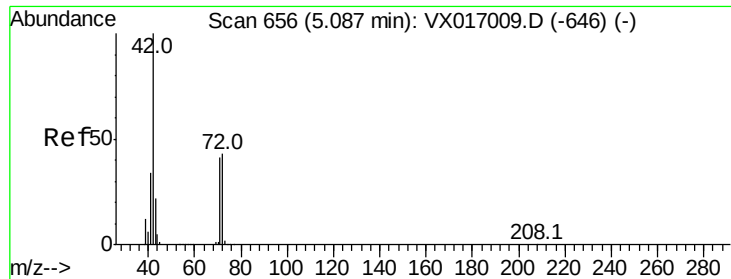


#28

Bromochloromethane
Concen: 18.864 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.01 min
Lab File: VX017222.D
Acq: 07 Jul 2020 23:27

Tgt Ion	49	Resp	48999
Ion	Ratio	Lower	Upper
49	100		
129	0.9	0.0	4.2
130	86.1	66.6	100.0

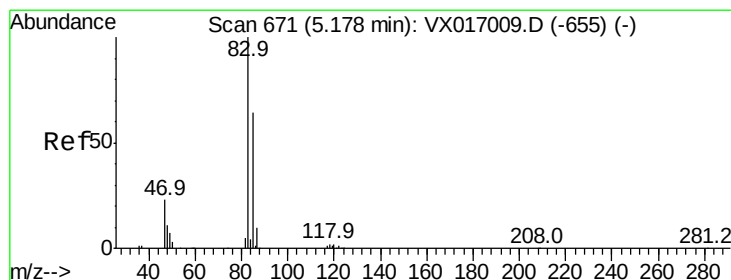
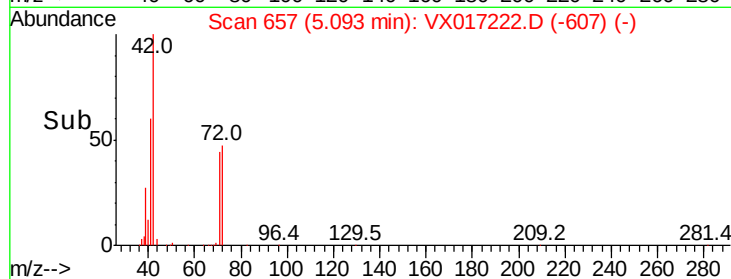
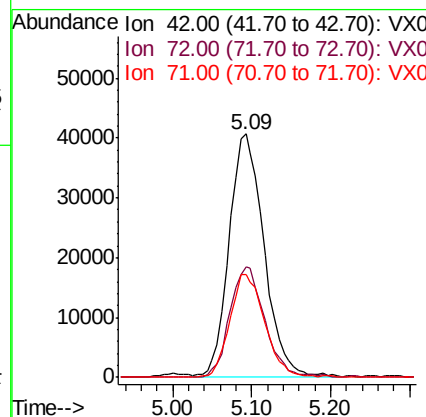
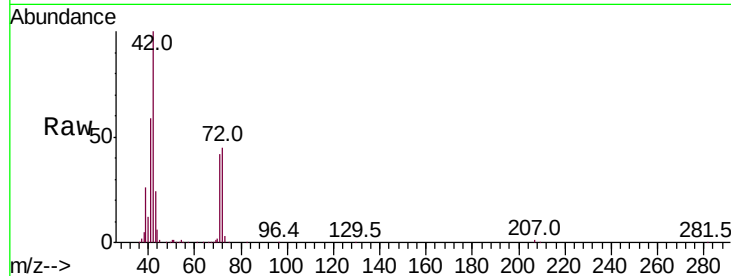




#29
Tetrahydrofuran
Concen: 88.342 ug/l
RT: 5.09 min Scan# 657
Delta R.T. 0.01 min
Lab File: VX017222.D
Acq: 07 Jul 2020 23:27

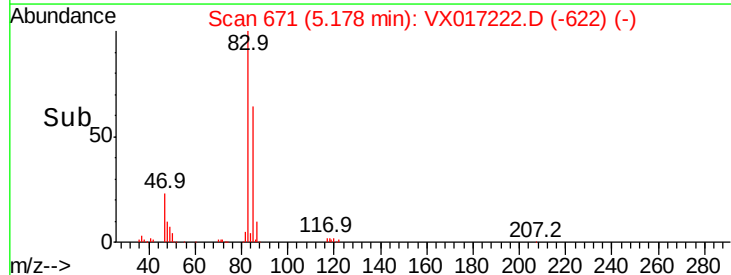
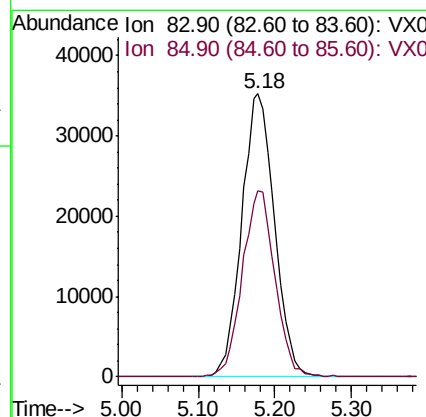
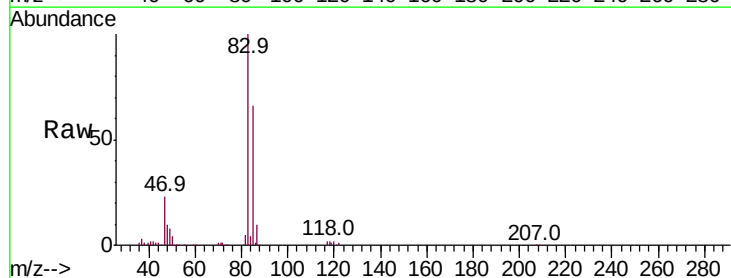
Instrument :
MSVOA_X
ClientSampleId :
VX0707WBSD02

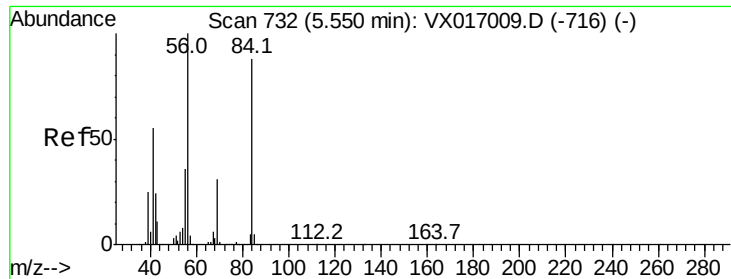
Tot Ion: 42 Resp: 124339
Ion Ratio Lower Upper
42 100
72 46.2 35.3 52.9
71 42.4 33.1 49.7



#30
Chloroform
Concen: 19.194 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX017222.D
Acq: 07 Jul 2020 23:27

Tgt Ion: 83 Resp: 105023
Ion Ratio Lower Upper
83 100
85 65.5 51.4 77.2

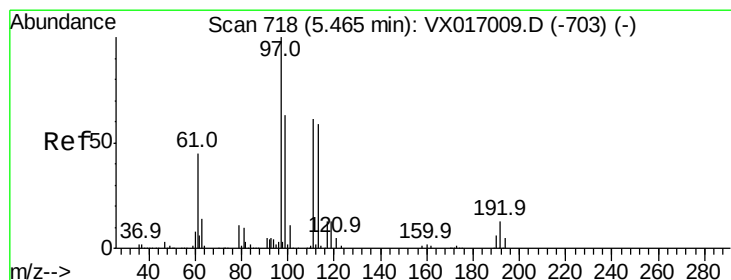
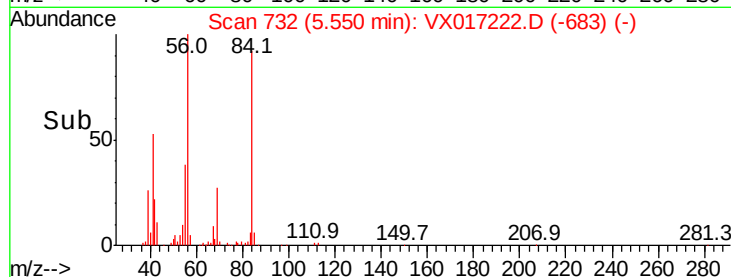
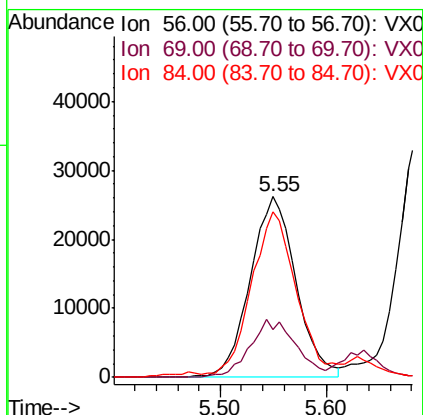
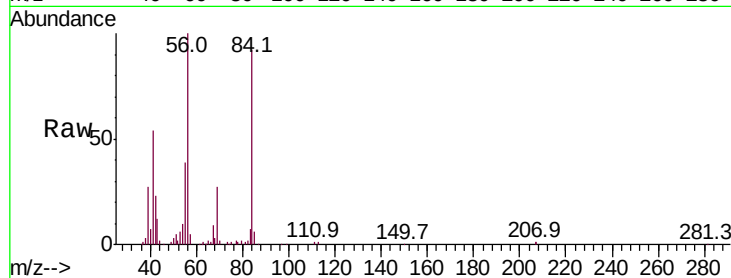




#31
Cyclohexane
Concen: 17.050 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX017222.D
Acq: 07 Jul 2020 23:27

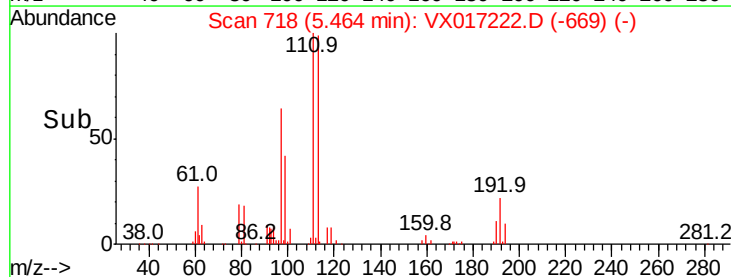
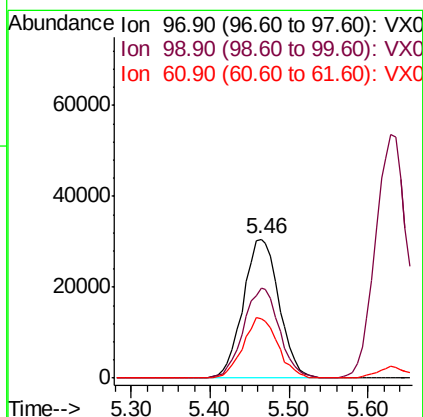
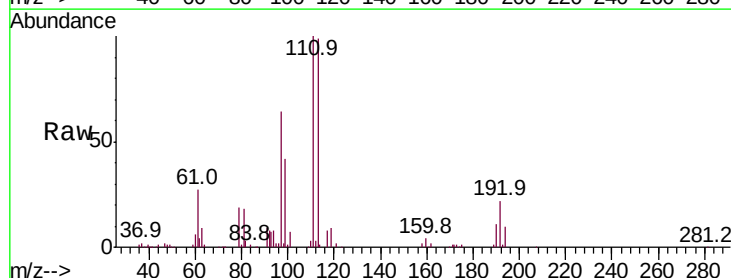
Instrument :
MSVOA_X
ClientSampleId :
VX0707WBSD02

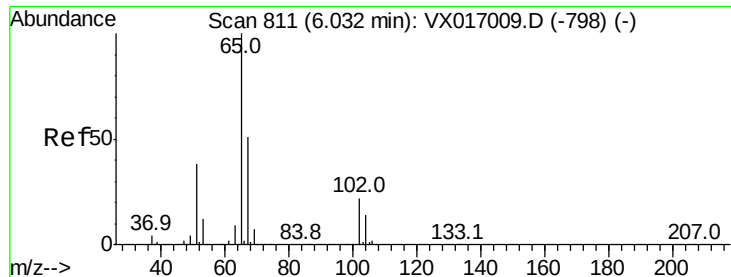
Tot Ion: 56 Resp: 78666
Ion Ratio Lower Upper
56 100
69 26.6 25.0 37.4
84 88.3 69.1 103.7



#32
1,1,1-Trichloroethane
Concen: 19.152 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX017222.D
Acq: 07 Jul 2020 23:27

Tgt Ion: 97 Resp: 96512
Ion Ratio Lower Upper
97 100
99 64.7 50.8 76.2
61 42.2 33.7 50.5





#33

1,2-Dichloroethane-d4

Concen: 48.343 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX017222.D

Acq: 07 Jul 2020 23:27

Instrument :

MSVOA_X

ClientSampleId :

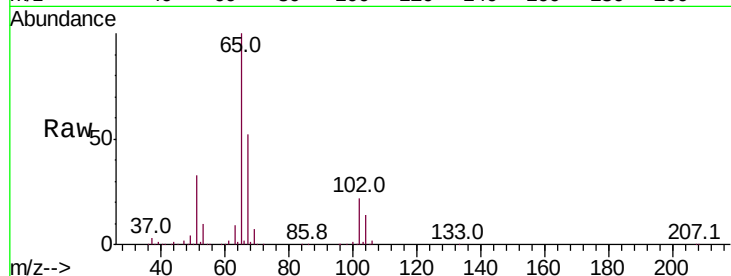
VX0707WBSD02

Tot Ion: 65 Resp: 165208

Ion Ratio Lower Upper

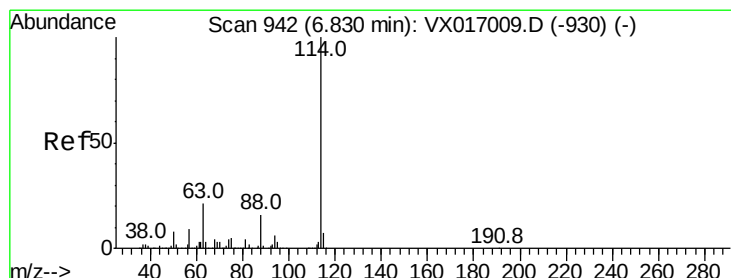
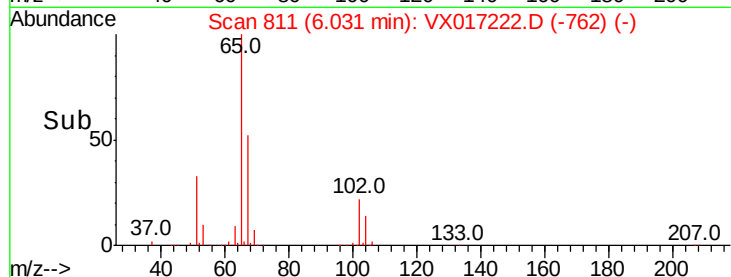
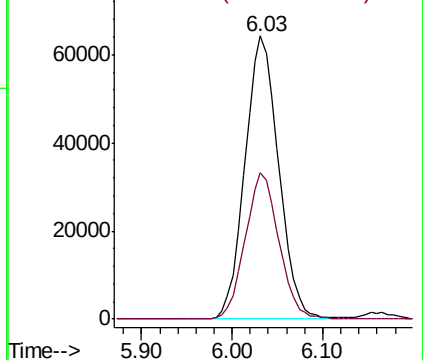
65 100

67 51.9 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX017222.D

Acq: 07 Jul 2020 23:27

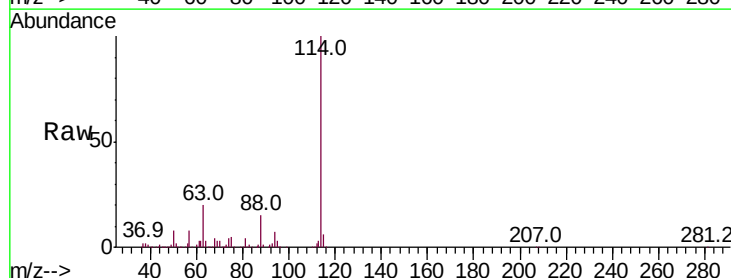
Tgt Ion:114 Resp: 424939

Ion Ratio Lower Upper

114 100

63 19.5 0.0 41.4

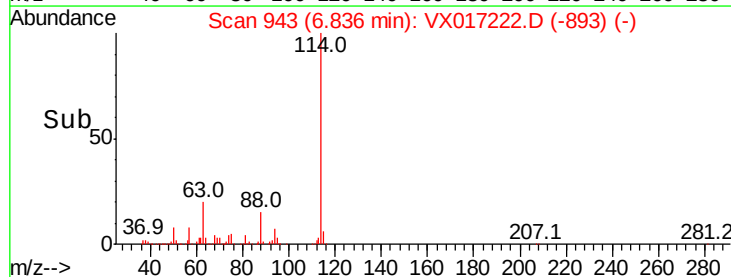
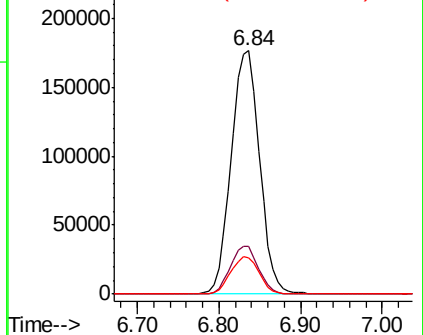
88 15.1 0.0 32.4

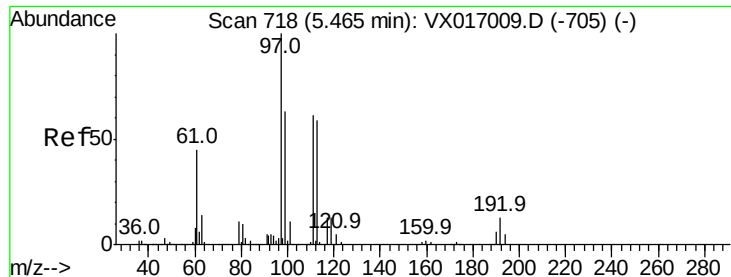


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

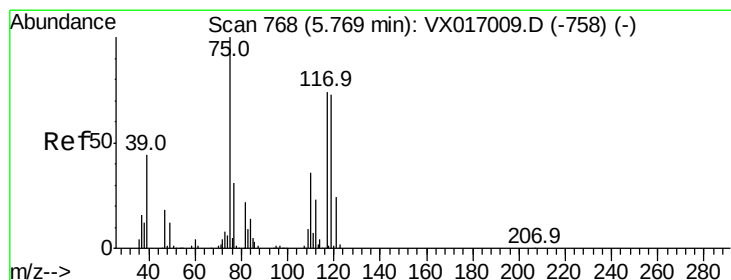
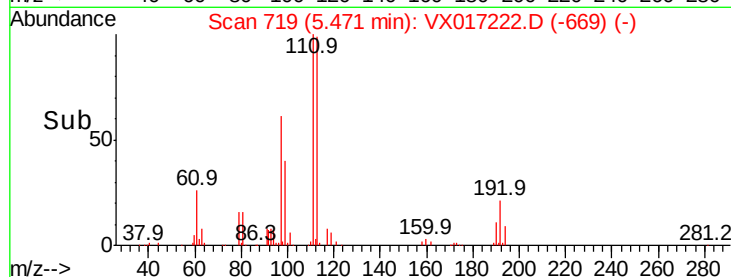
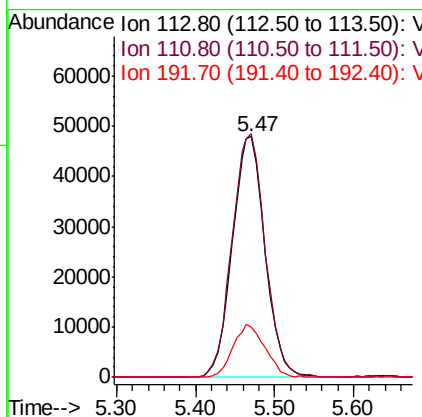
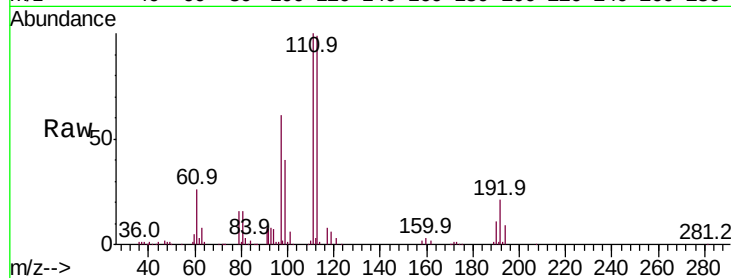




#35
 Dibromofluoromethane
 Concen: 51.320 ug/l
 RT: 5.47 min Scan# 719
 Delta R.T. 0.01 min
 Lab File: VX017222.D
 Acq: 07 Jul 2020 23:27

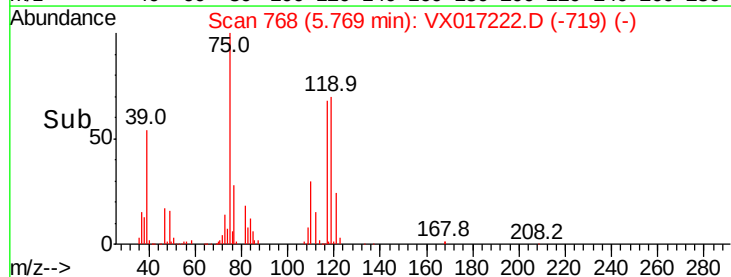
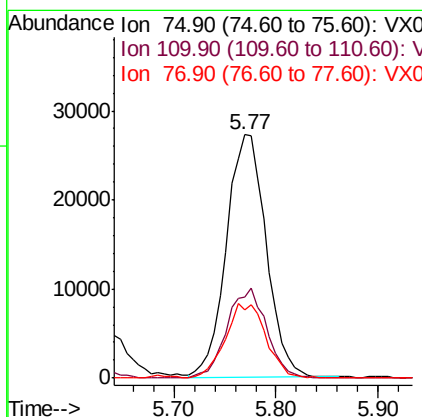
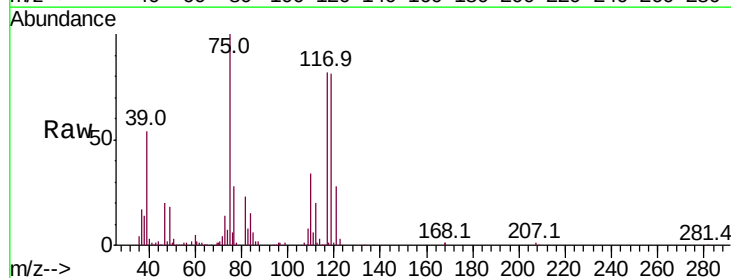
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0707WBSD02

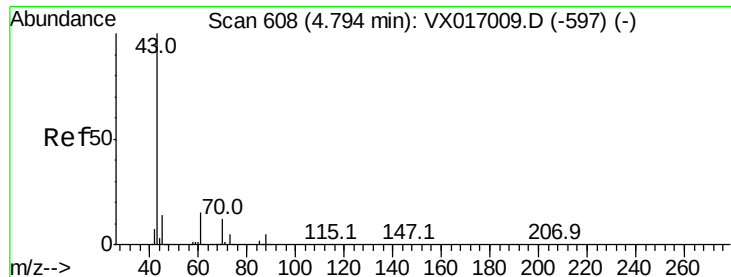
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.9	122.9
192	21.6	16.7	25.1



#36
 1,1-Dichloropropene
 Concen: 18.305 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: VX017222.D
 Acq: 07 Jul 2020 23:27

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.1	18.1	54.1
77	31.5	24.6	37.0

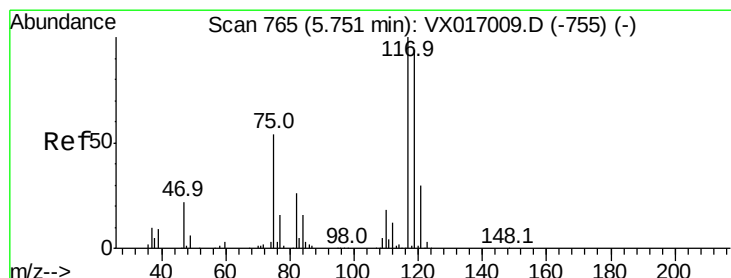
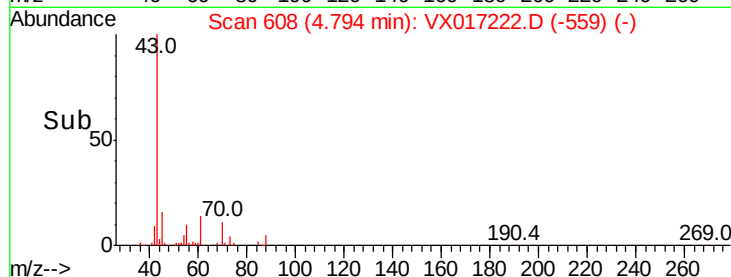
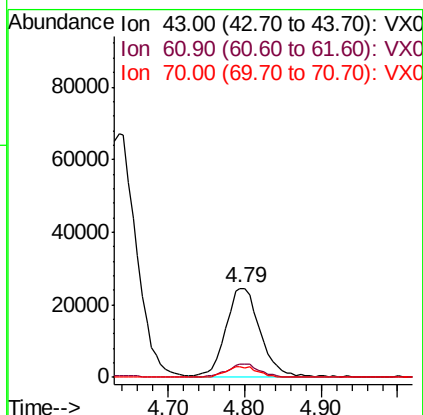
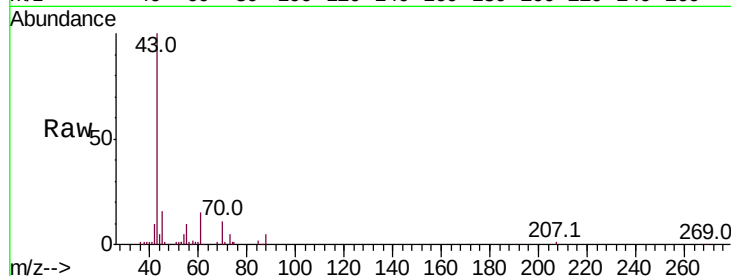




#37
Ethyl Acetate
Concen: 18.401 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX017222.D
Acq: 07 Jul 2020 23:27

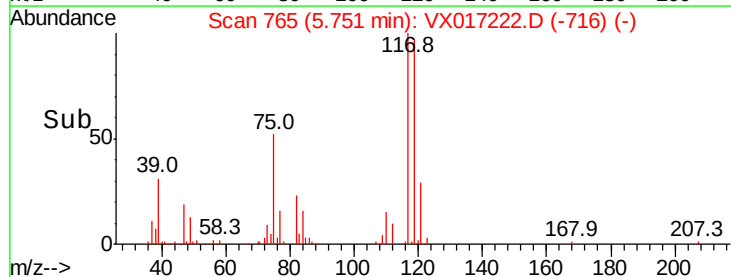
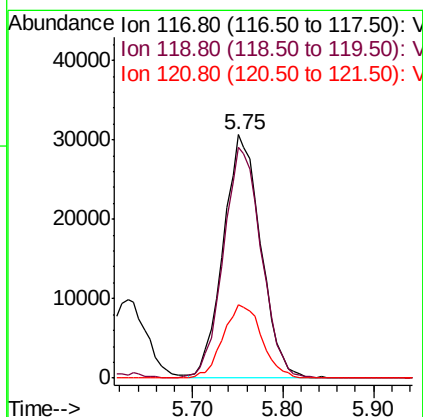
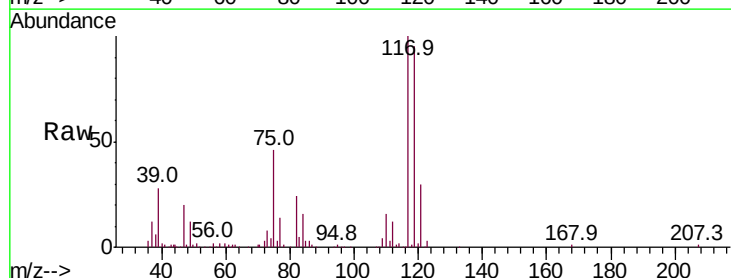
Instrument :
MSVOA_X
ClientSampleId :
VX0707WBSD02

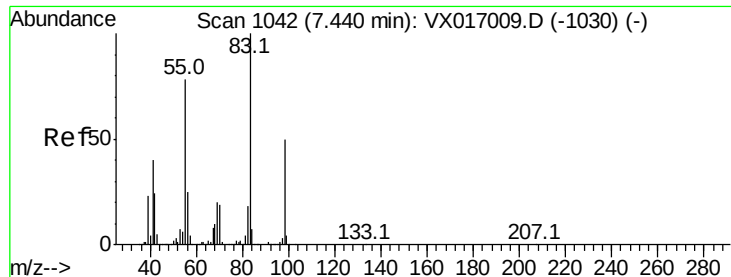
Tot Ion: 43 Resp: 74981
Ion Ratio Lower Upper
43 100
61 14.4 11.0 16.4
70 11.8 8.9 13.3



#38
Carbon Tetrachloride
Concen: 19.911 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX017222.D
Acq: 07 Jul 2020 23:27

Tgt Ion: 117 Resp: 88076
Ion Ratio Lower Upper
117 100
119 94.3 75.4 113.0
121 30.2 23.8 35.6

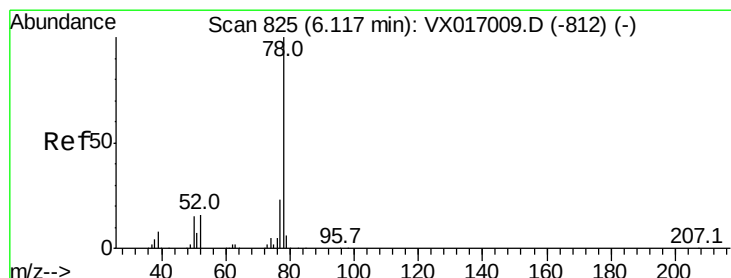
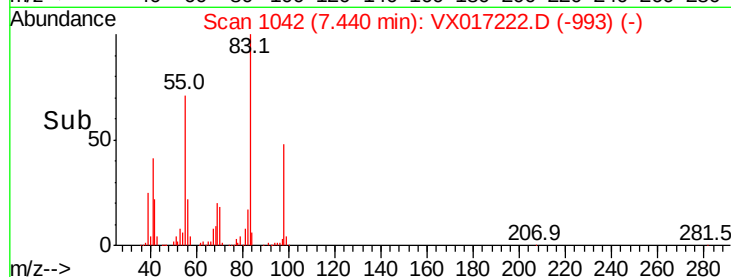
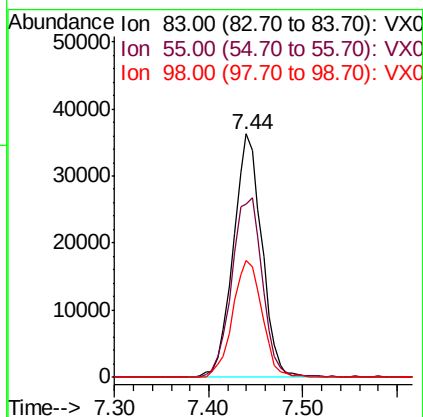
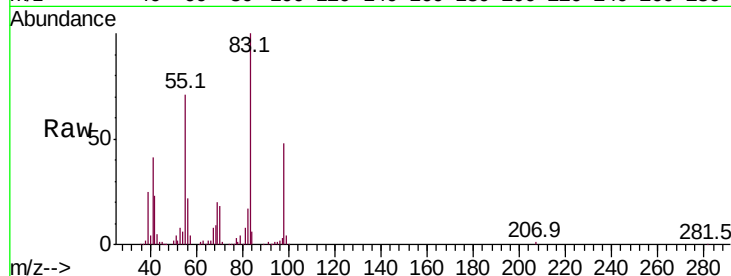




#39
Methylvlcyclohexane
Concen: 17.113 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX017222.D
Acq: 07 Jul 2020 23:27

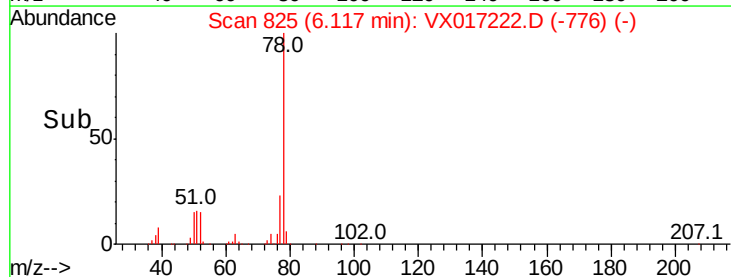
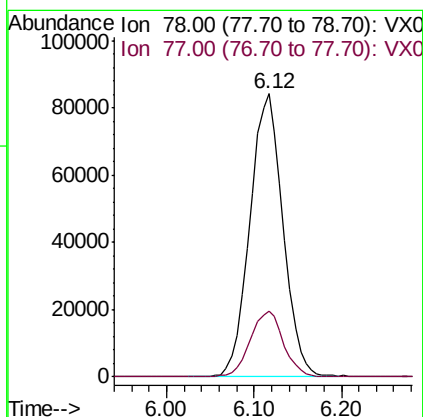
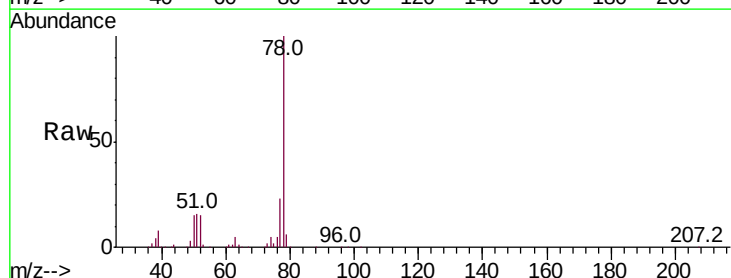
Instrument :
MSVOA_X
ClientSampleId :
VX0707WBSD02

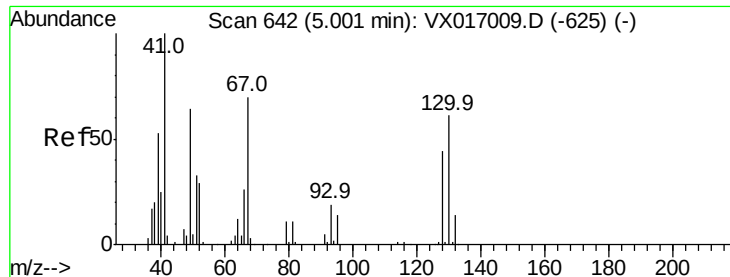
Tot Ion: 83 Resp: 76471
Ion Ratio Lower Upper
83 100
55 70.9 62.5 93.7
98 48.1 40.1 60.1



#40
Benzene
Concen: 18.682 ug/l
RT: 6.12 min Scan# 825
Delta R.T. -0.00 min
Lab File: VX017222.D
Acq: 07 Jul 2020 23:27

Tgt Ion: 78 Resp: 220448
Ion Ratio Lower Upper
78 100
77 23.4 18.3 27.5

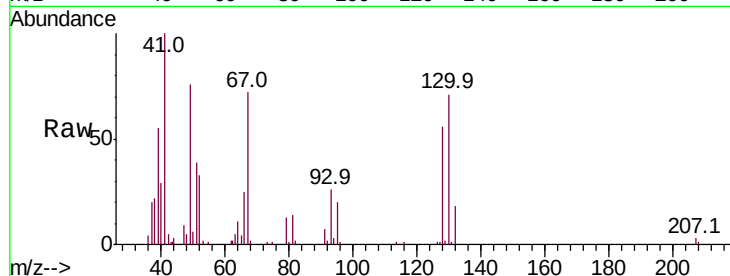




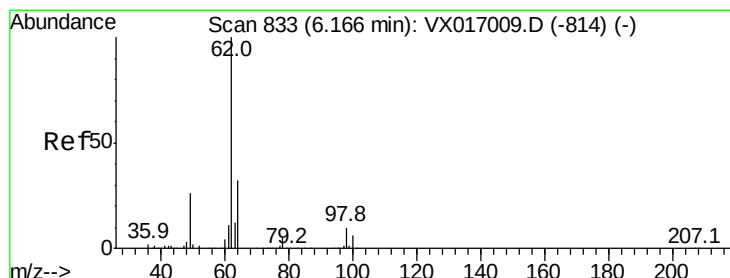
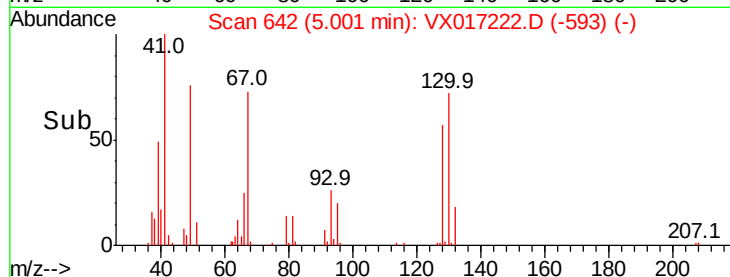
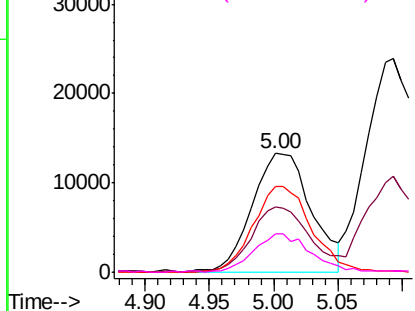
#41
Methacrylonitrile
Concen: 18.291 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.00 min
Lab File: VX017222.D
Acq: 07 Jul 2020 23:27

Instrument :
MSVOA_X
ClientSampleId :
VX0707WBSD02

Tot Ion:	41	Resp:	41949
Ion	Ratio	Lower	Upper
41	100		
39	53.9	44.4	66.6
67	72.1	57.1	85.7
52	31.5	23.2	34.8

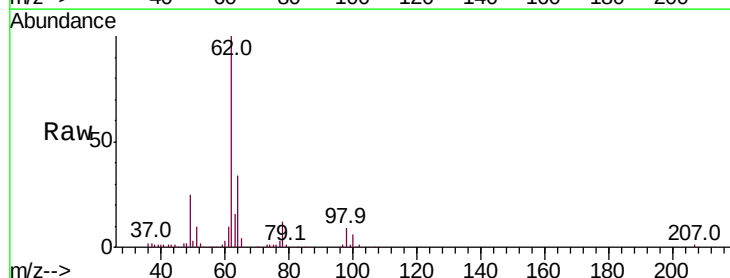


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

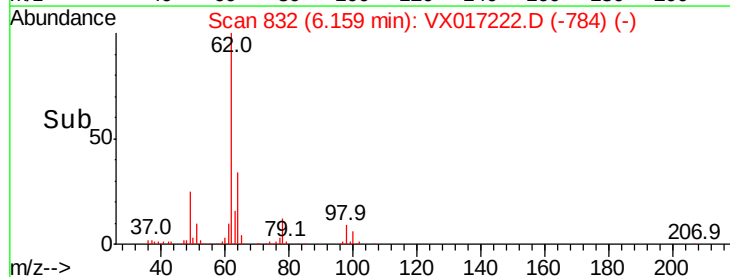
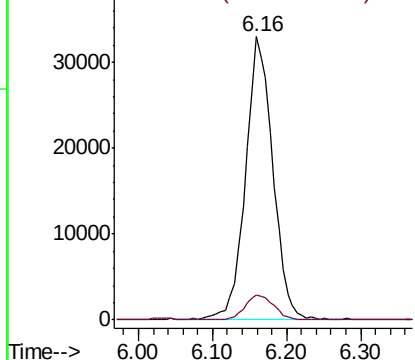


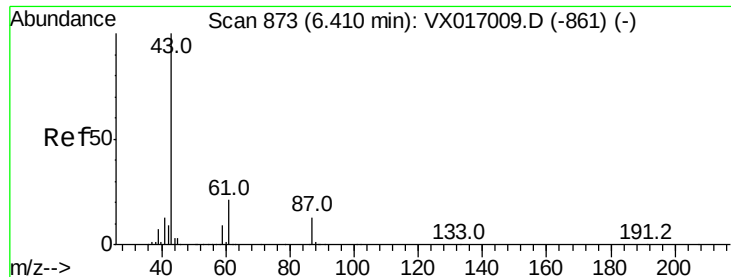
#42
1,2-Dichloroethane
Concen: 19.965 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX017222.D
Acq: 07 Jul 2020 23:27

Tgt Ion:	62	Resp:	85098
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	19.2



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





#43

Isopropyl Acetate

Concen: 18.017 ug/l

RT: 6.42 min Scan# 874

Delta R.T. 0.01 min

Lab File: VX017222.D

Acq: 07 Jul 2020 23:27

Instrument :

MSVOA_X

ClientSampleId :

VX0707WBSD02

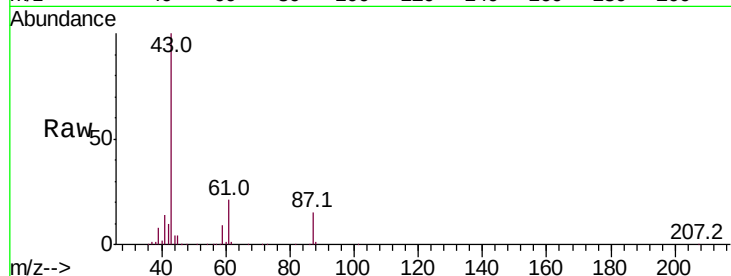
Tot Ion: 43 Resp: 121995

Ion Ratio Lower Upper

43 100

61 20.7 16.2 24.2

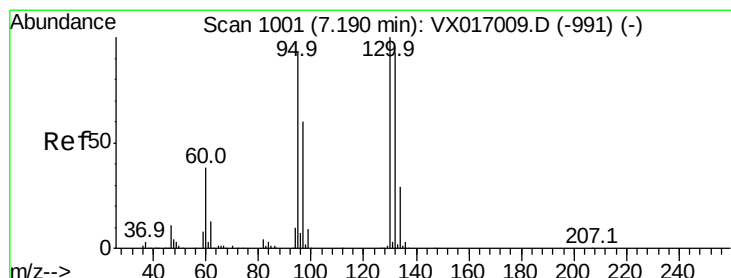
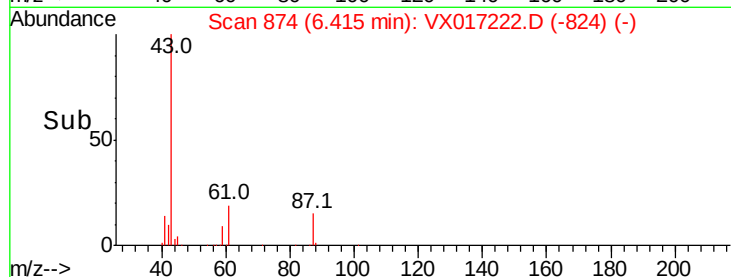
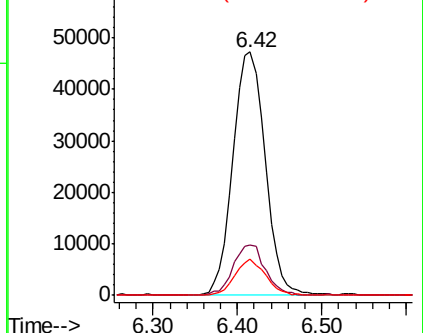
87 14.2 10.7 16.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 19.642 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VX017222.D

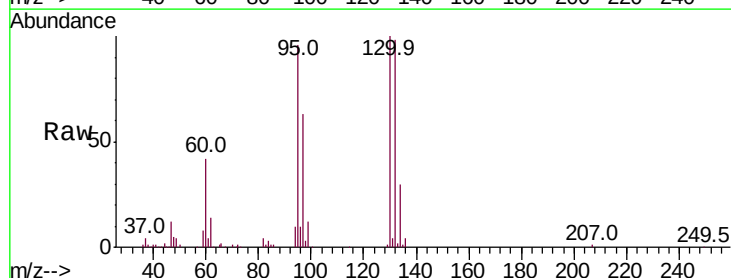
Acq: 07 Jul 2020 23:27

Tgt Ion:130 Resp: 64570

Ion Ratio Lower Upper

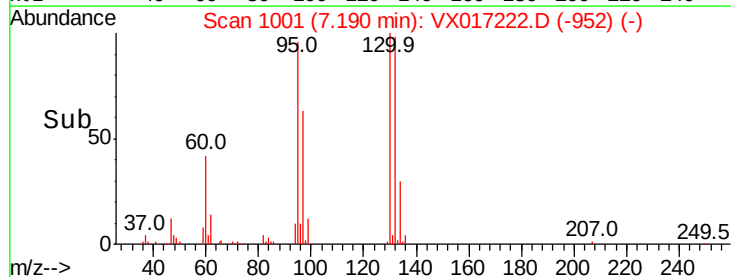
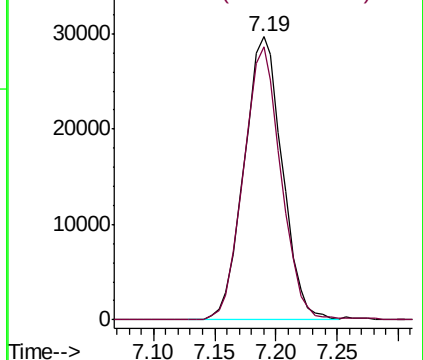
130 100

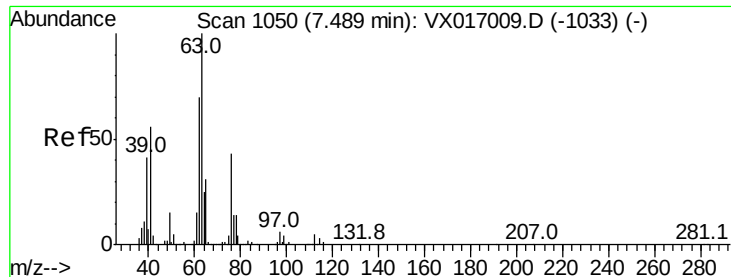
95 96.5 0.0 185.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 18.953 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX017222.D

Acq: 07 Jul 2020 23:27

Instrument :

MSVOA_X

ClientSampleId :

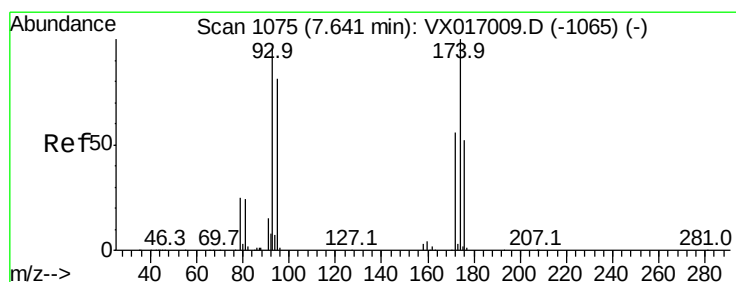
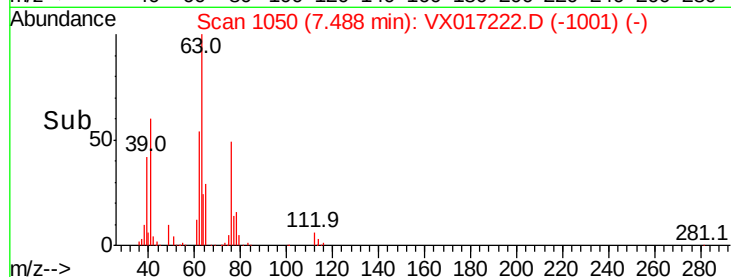
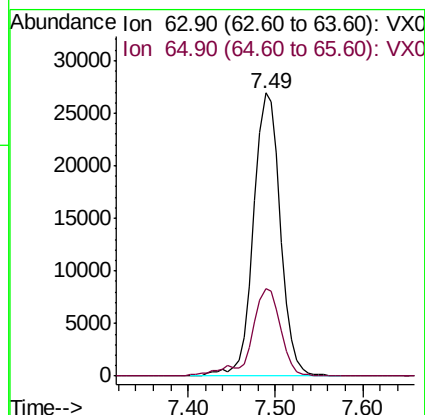
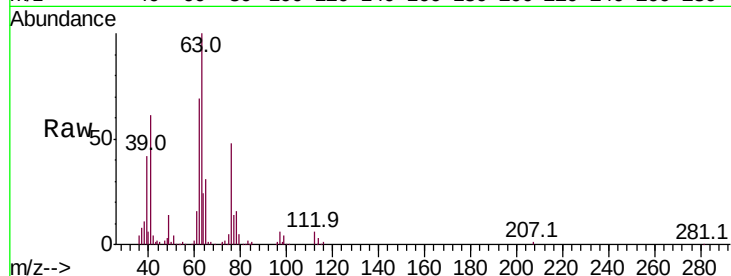
VX0707WBSD02

Tot Ion: 63 Resp: 57444

Ion Ratio Lower Upper

63 100

65 30.8 24.6 36.8



#46

Dibromomethane

Concen: 19.509 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX017222.D

Acq: 07 Jul 2020 23:27

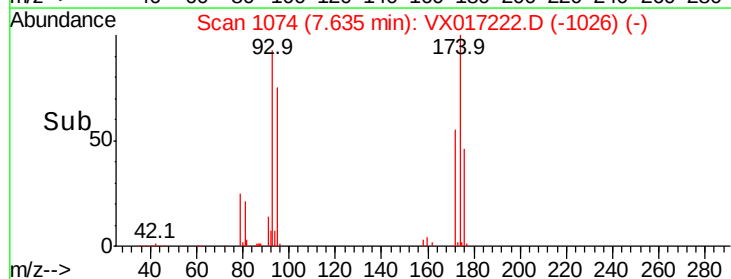
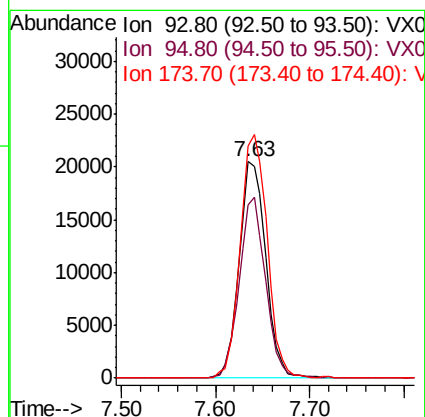
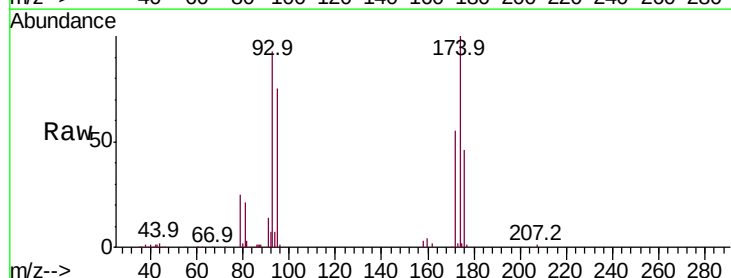
Tgt Ion: 93 Resp: 40367

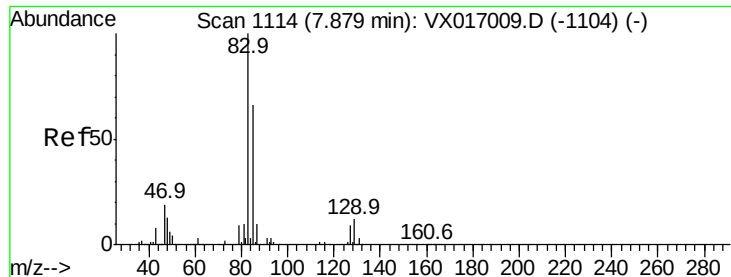
Ion Ratio Lower Upper

93 100

95 82.5 67.4 101.0

174 113.9 84.3 126.5





#47

Bromodichloromethane

Concen: 19.516 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX017222.D

Acq: 07 Jul 2020 23:27

Instrument :

MSVOA_X

ClientSampleId :

VX0707WBSD02

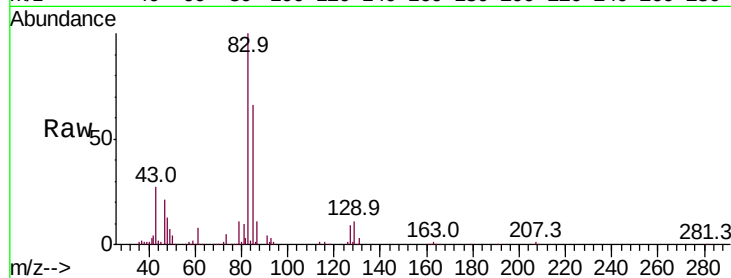
Tot Ion: 83 Resp: 83221

Ion Ratio Lower Upper

83 100

85 66.2 53.0 79.4

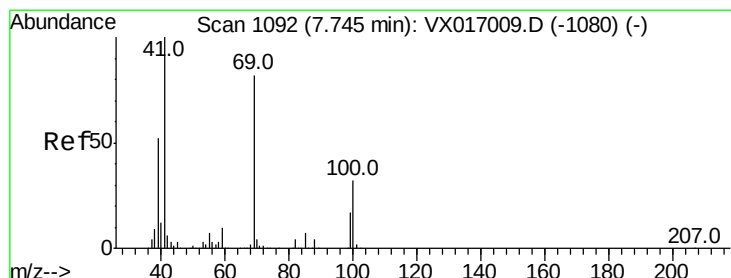
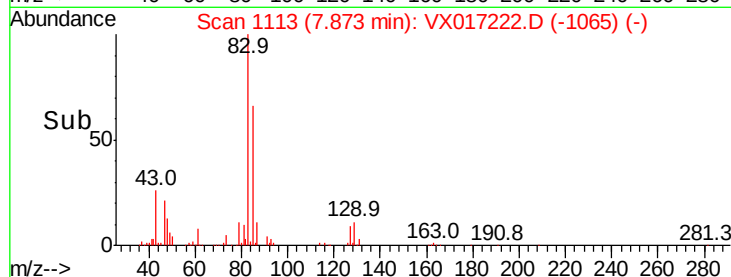
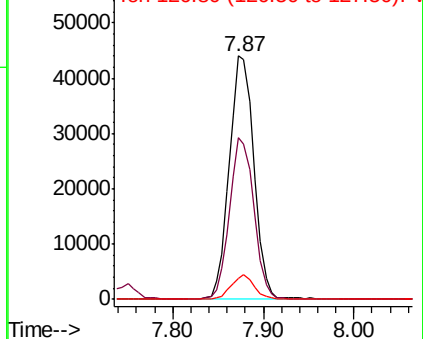
127 8.7 7.5 11.3



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: 18.317 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX017222.D

Acq: 07 Jul 2020 23:27

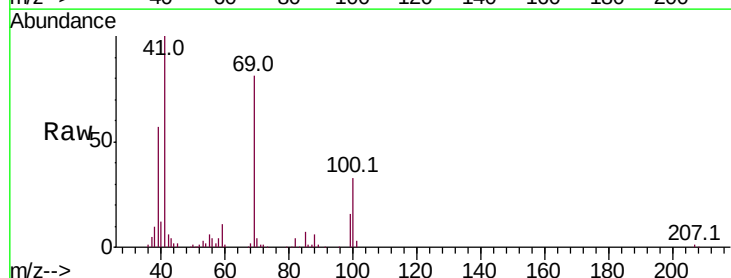
Tgt Ion: 41 Resp: 58927

Ion Ratio Lower Upper

41 100

69 85.1 65.8 98.8

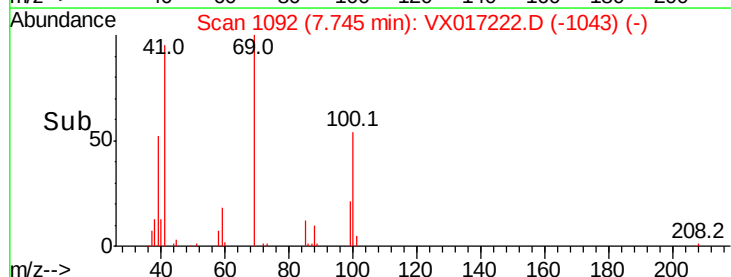
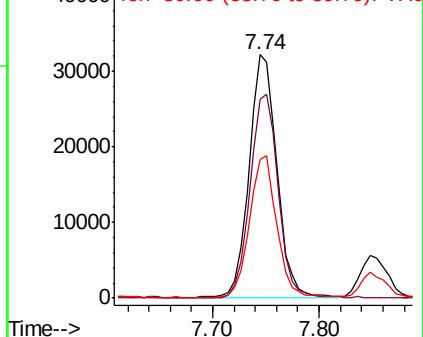
39 57.1 42.5 63.7

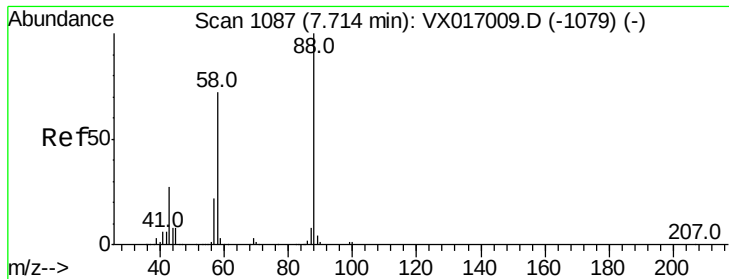


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 381.793 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX017222.D

Acq: 07 Jul 2020 23:27

Instrument :

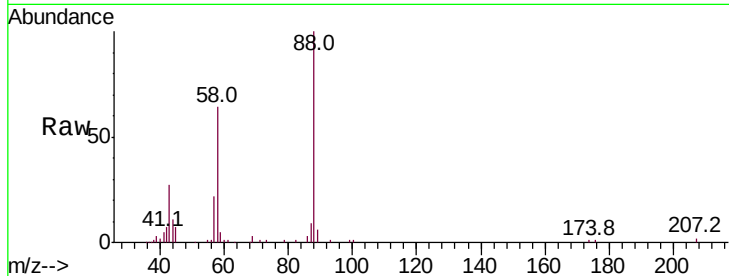
MSVOA_X

ClientSampleId :

VX0707WBSD02

Tot Ion: 88 Resp: 27825

Ion	Ratio	Lower	Upper
88	100		
43	33.9	25.8	38.8
58	71.0	54.8	82.2



Abundance

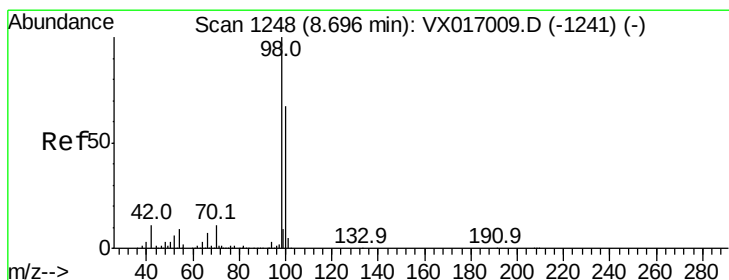
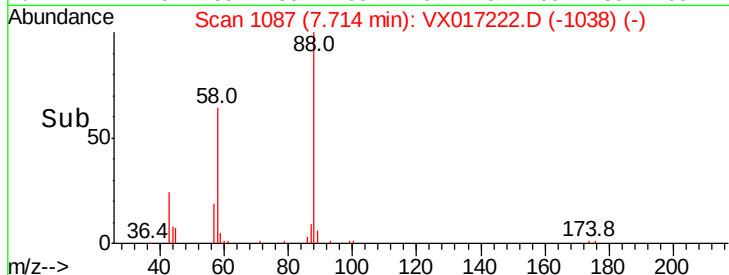
Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

7.71

Time-->



#50

Toluene-d8

Concen: 49.341 ug/l

RT: 8.70 min Scan# 1248

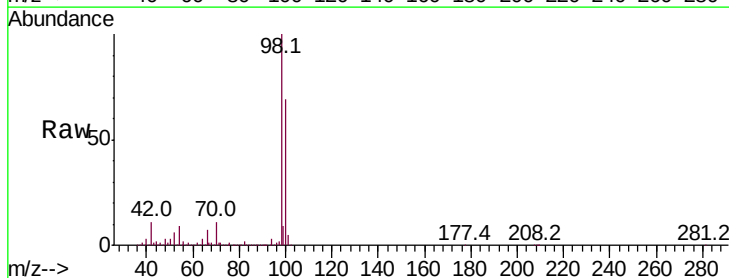
Delta R.T. -0.00 min

Lab File: VX017222.D

Acq: 07 Jul 2020 23:27

Tgt Ion: 98 Resp: 490442

Ion	Ratio	Lower	Upper
98	100		
100	66.8	53.8	80.6



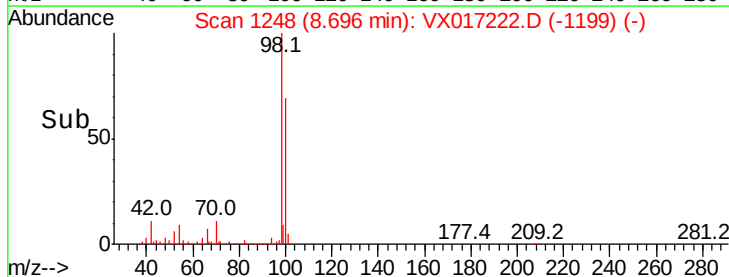
Abundance

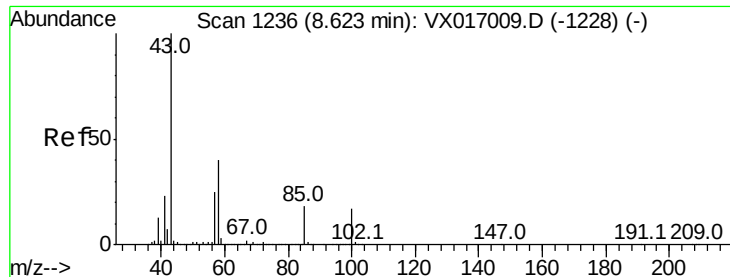
Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

8.70

Time-->

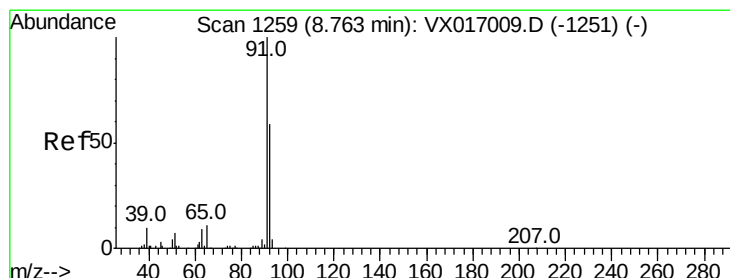
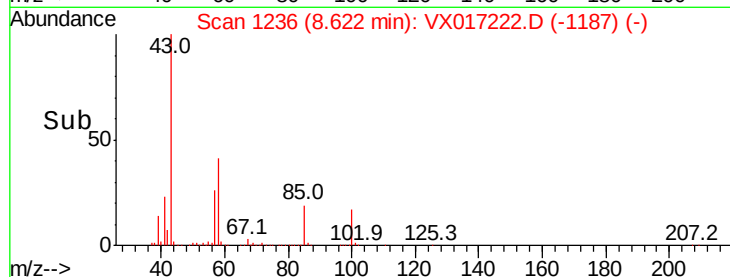
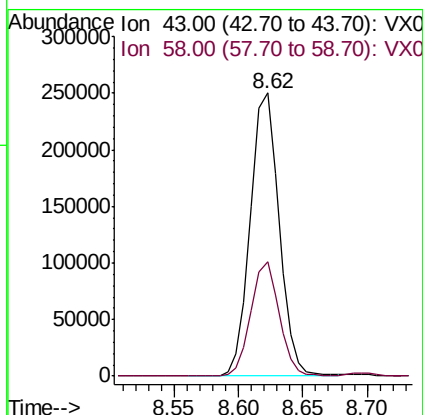
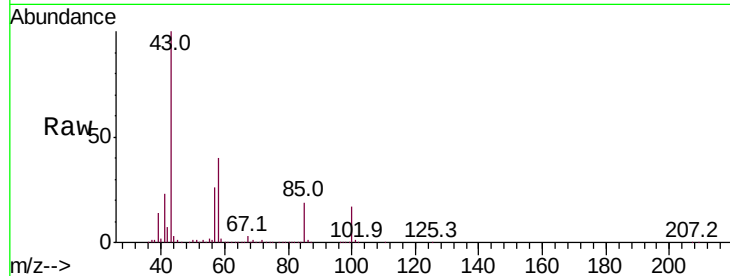




#51
4-Methyl-2-Pentanone
Concen: 95.472 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX017222.D
Acq: 07 Jul 2020 23:27

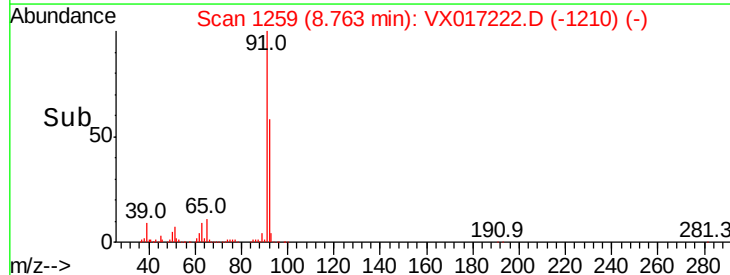
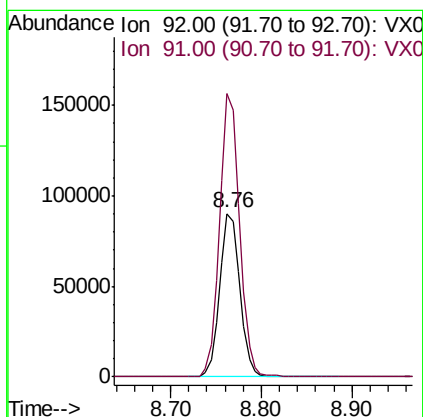
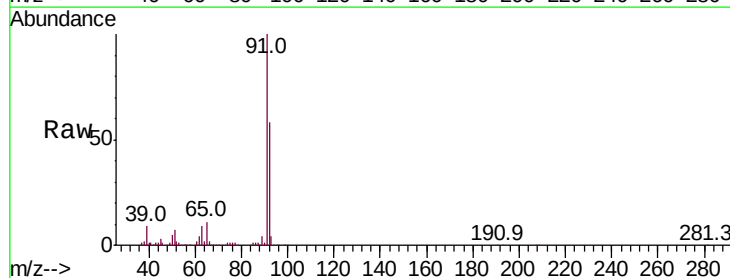
Instrument :
MSVOA_X
ClientSampleID :
VX0707WBSD02

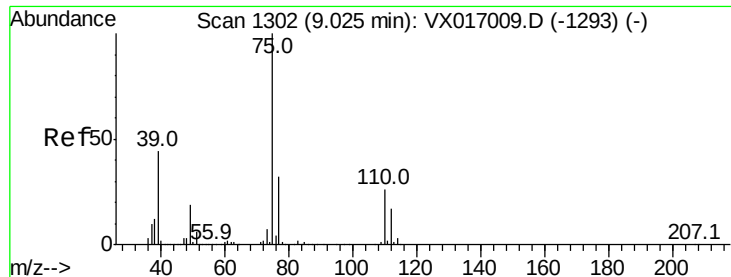
Tot Ion: 43 Resp: 385358
Ion Ratio Lower Upper
43 100
58 39.7 31.9 47.9



#52
Toluene
Concen: 19.112 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. -0.00 min
Lab File: VX017222.D
Acq: 07 Jul 2020 23:27

Tgt Ion: 92 Resp: 140804
Ion Ratio Lower Upper
92 100
91 171.3 136.9 205.3

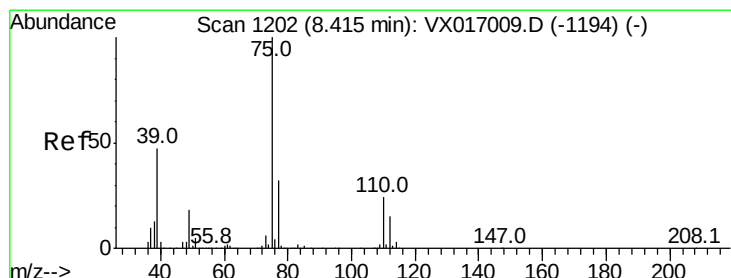
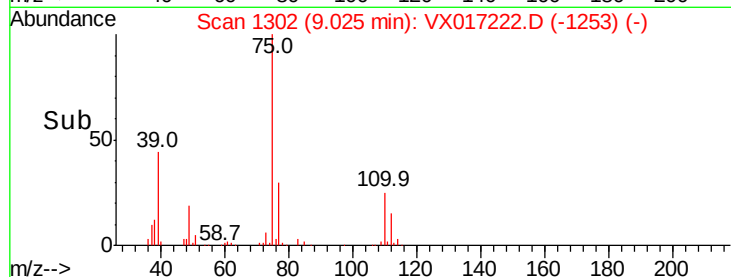
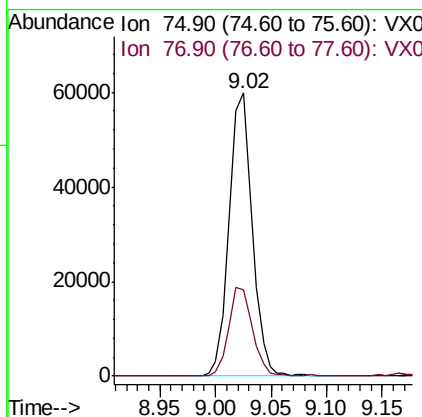
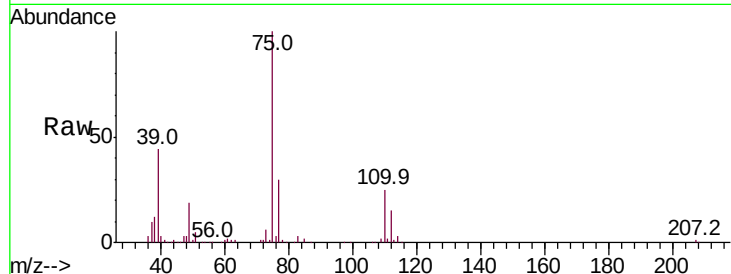




#53
 t-1,3-Dichloropropene
 Concen: 18.442 ug/l
 RT: 9.02 min Scan# 1302
 Delta R.T. -0.00 min
 Lab File: VX017222.D
 Acq: 07 Jul 2020 23:27

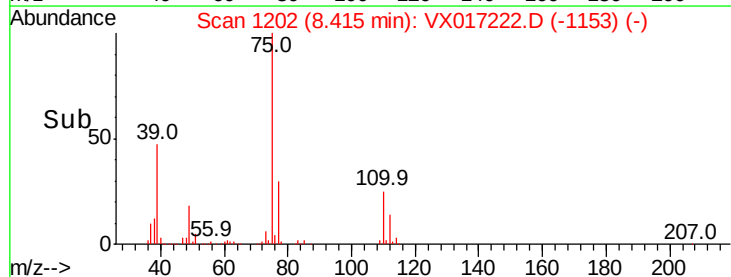
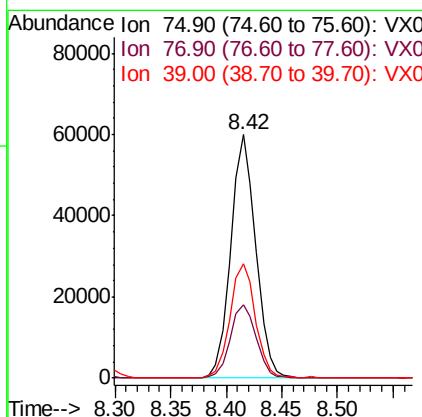
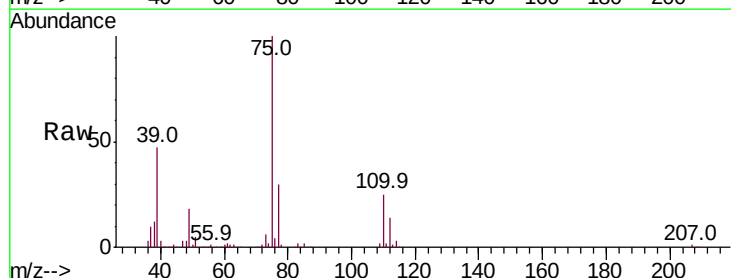
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0707WBSD02

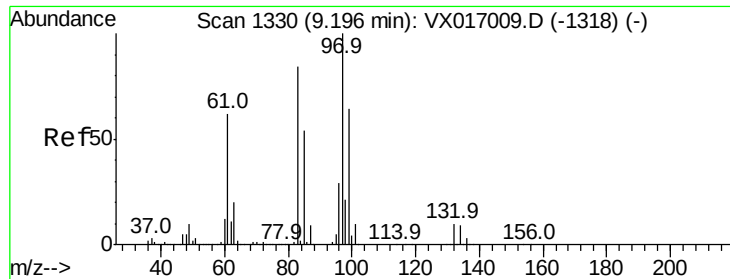
Tot Ion: 75 Resp: 86768
 Ion Ratio Lower Upper
 75 100
 77 30.3 25.6 38.4



#54
 cis-1,3-Dichloropropene
 Concen: 18.469 ug/l
 RT: 8.42 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: VX017222.D
 Acq: 07 Jul 2020 23:27

Tgt Ion: 75 Resp: 93152
 Ion Ratio Lower Upper
 75 100
 77 29.9 25.2 37.8
 39 47.0 37.4 56.2

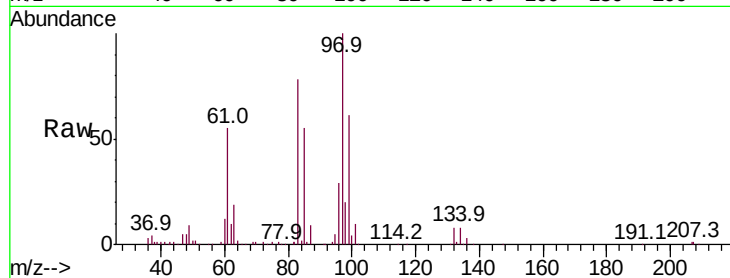




#55
 1,1,2-Trichloroethane
 Concen: 19.655 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX017222.D
 Acq: 07 Jul 2020 23:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0707WBSD02

Tot Ion:	97	Resp:	59163
Ion	Ratio	Lower	Upper
97	100		
83	78.2	67.0	100.6
85	54.8	43.5	65.3
99	61.0	51.0	76.6



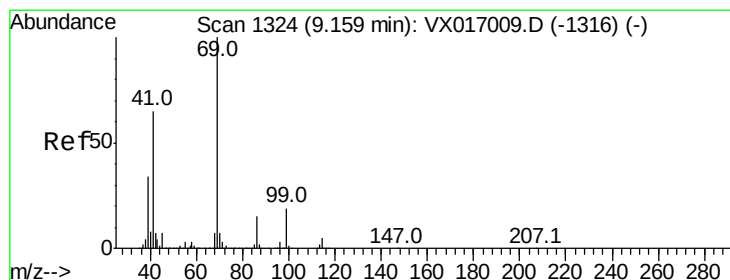
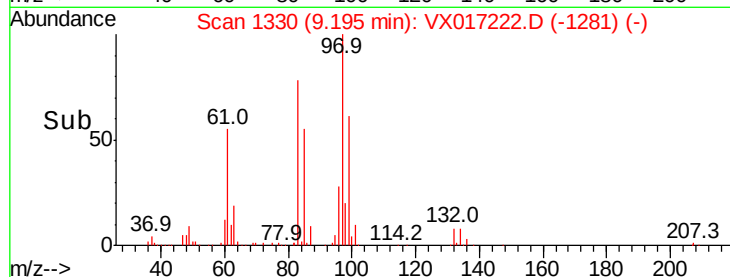
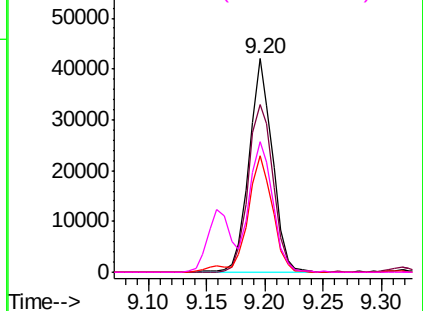
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

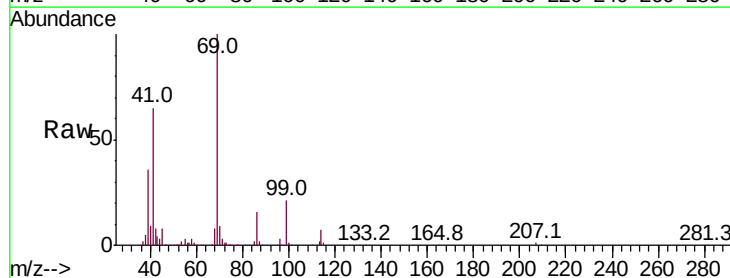
Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56
 Ethyl methacrylate
 Concen: 18.625 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX017222.D
 Acq: 07 Jul 2020 23:27

Tgt Ion:	69	Resp:	79796
Ion	Ratio	Lower	Upper
69	100		
41	65.6	53.6	80.4
39	36.1	28.2	42.2

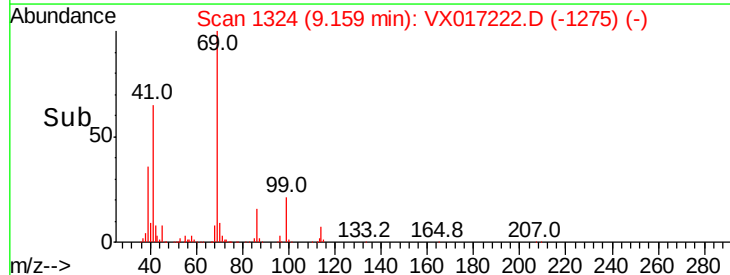
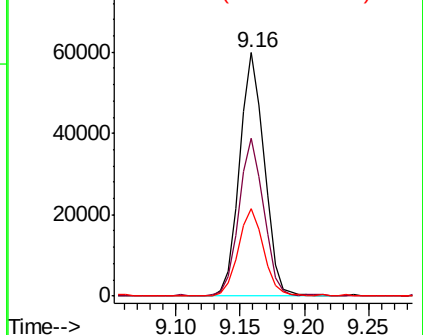


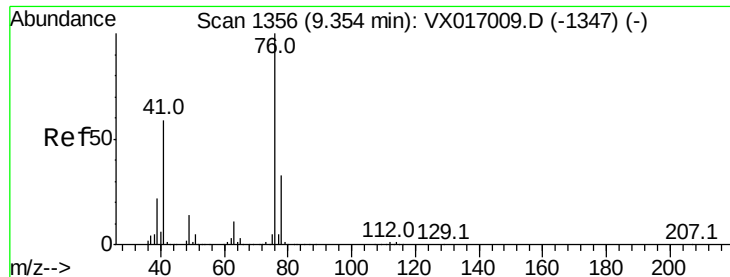
Abundance

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

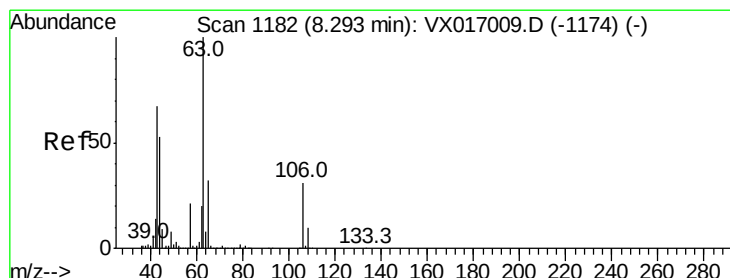
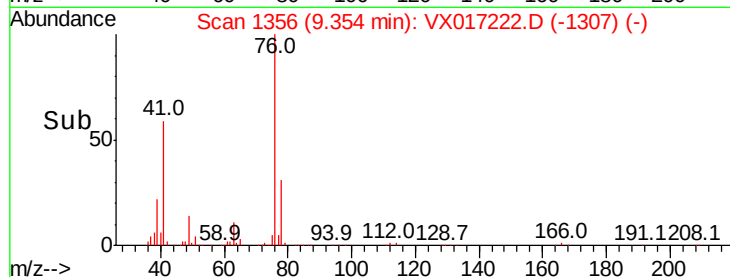
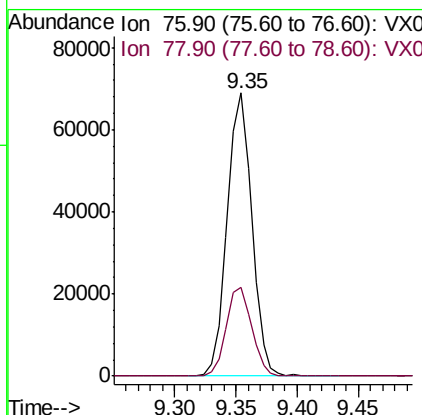
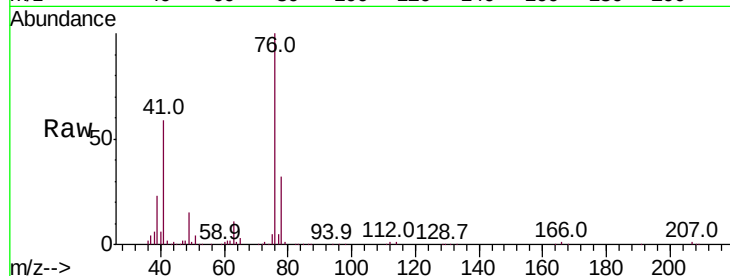




#57
 1,3-Dichloropropane
 Concen: 18.878 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: VX017222.D
 Acq: 07 Jul 2020 23:27

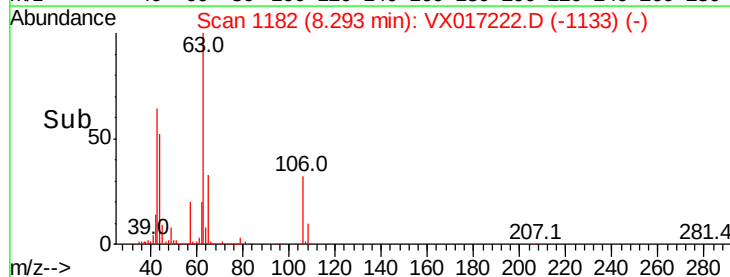
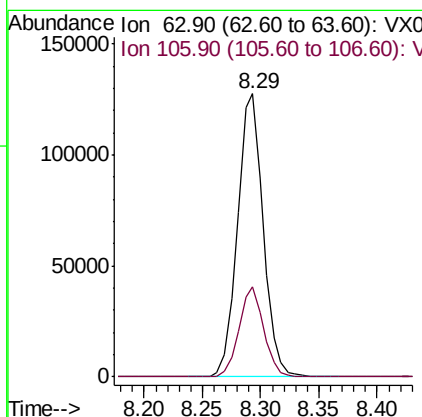
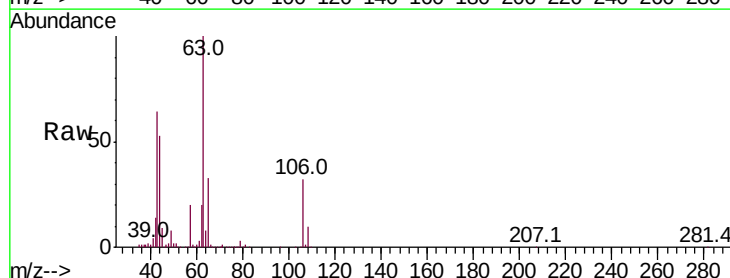
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0707WBSD02

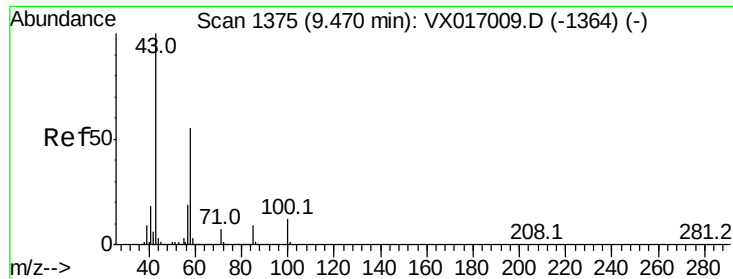
Tot Ion: 76 Resp: 96153
 Ion Ratio Lower Upper
 76 100
 78 32.6 25.9 38.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 91.609 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: VX017222.D
 Acq: 07 Jul 2020 23:27

Tgt Ion: 63 Resp: 195336
 Ion Ratio Lower Upper
 63 100
 106 30.9 24.0 36.0

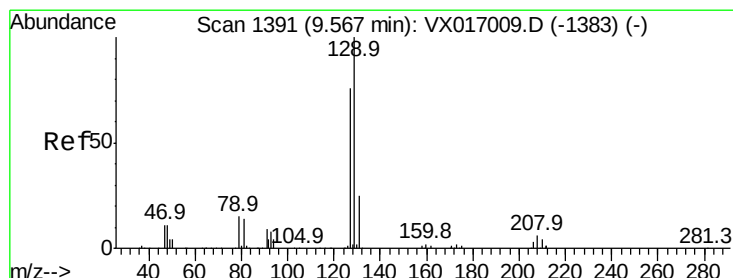
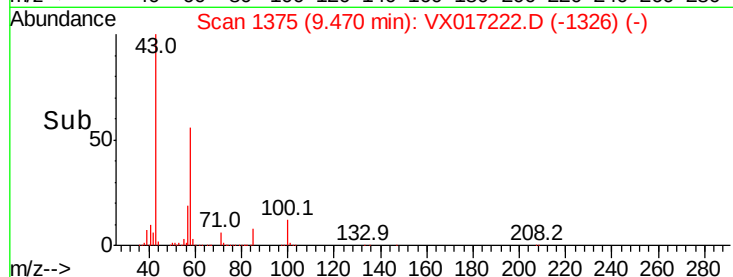
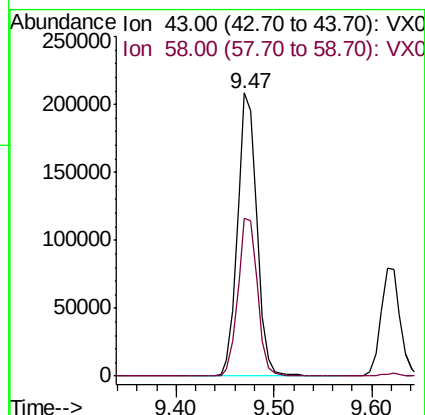
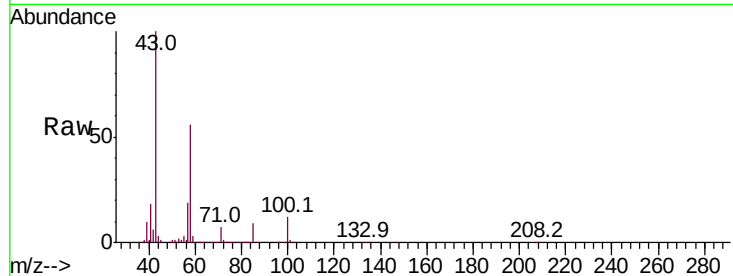




#59
2-Hexanone
Concen: 96.558 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX017222.D
Acq: 07 Jul 2020 23:27

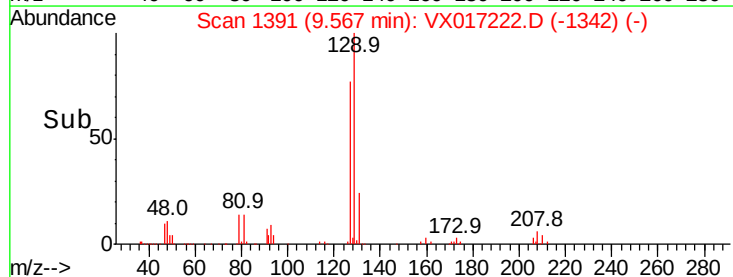
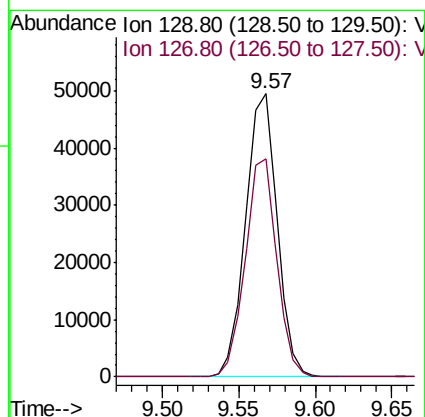
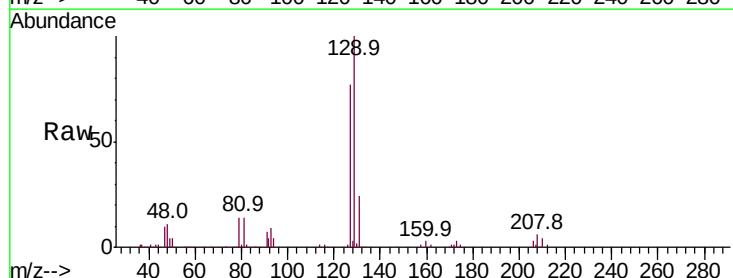
Instrument :
MSVOA_X
ClientSampleId :
VX0707WBSD02

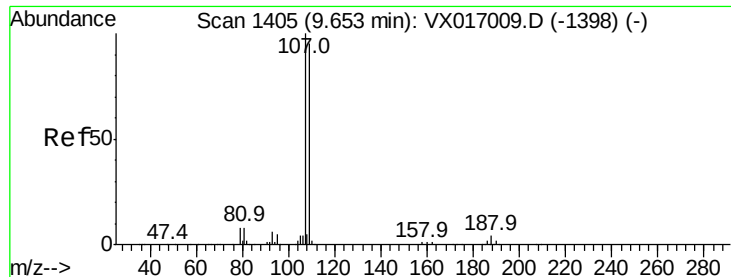
Tot Ion: 43 Resp: 284639
Ion Ratio Lower Upper
43 100
58 56.5 27.9 83.6



#60
Dibromochloromethane
Concen: 20.322 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX017222.D
Acq: 07 Jul 2020 23:27

Tgt Ion: 129 Resp: 71049
Ion Ratio Lower Upper
129 100
127 76.7 38.9 116.7





#61

1,2-Dibromoethane

Concen: 19.287 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX017222.D

Acq: 07 Jul 2020 23:27

Instrument :

MSVOA_X

ClientSampleId :

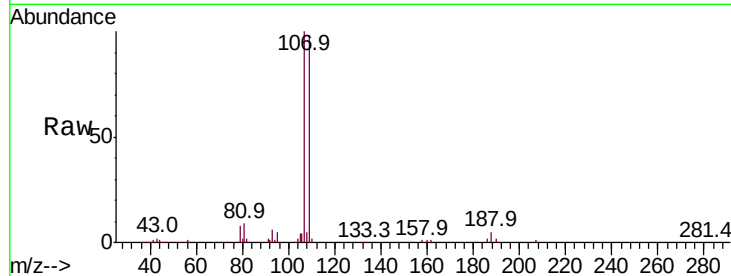
VX0707WBSD02

Tot Ion:107 Resp: 62405

Ion Ratio Lower Upper

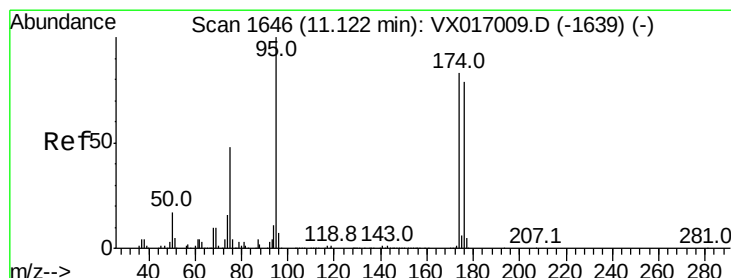
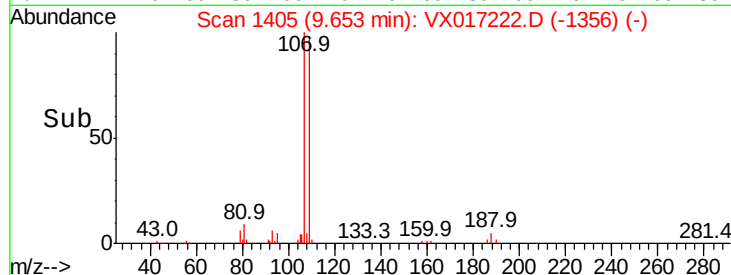
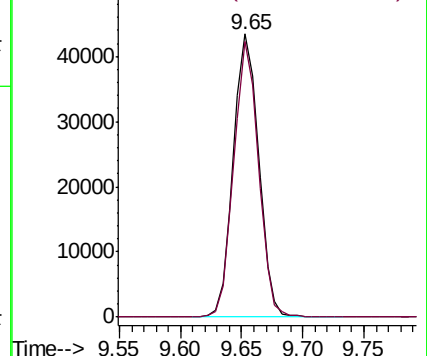
107 100

109 94.3 75.8 113.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.622 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017222.D

Acq: 07 Jul 2020 23:27

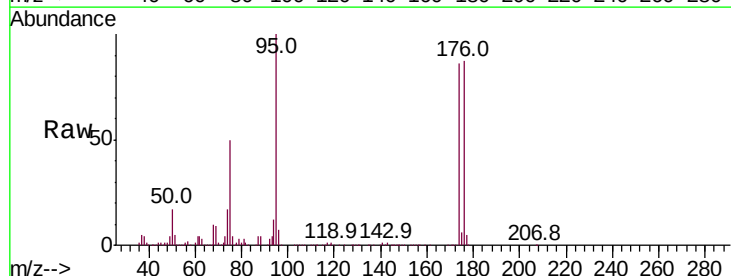
Tgt Ion: 95 Resp: 192809

Ion Ratio Lower Upper

95 100

174 85.3 0.0 164.0

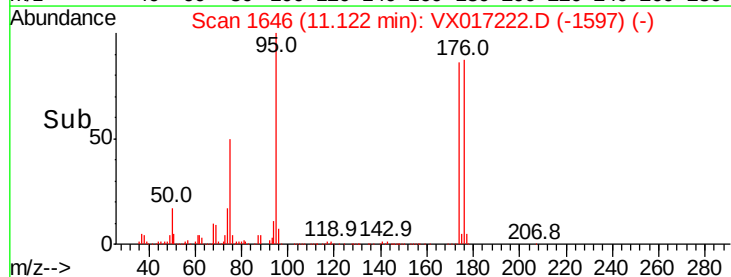
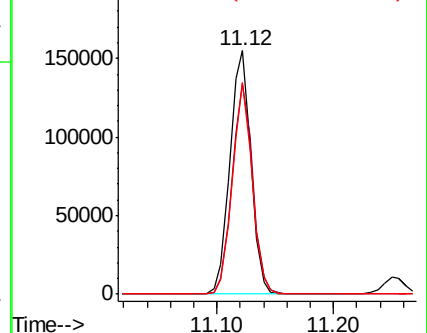
176 82.4 0.0 157.6

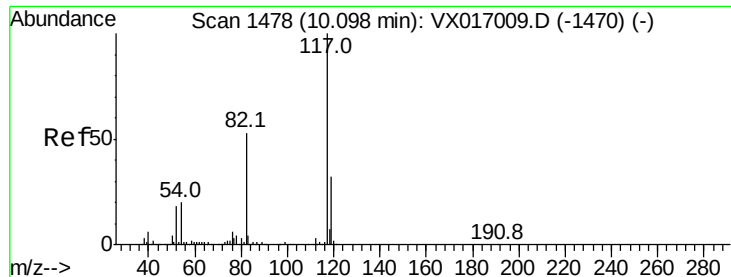


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

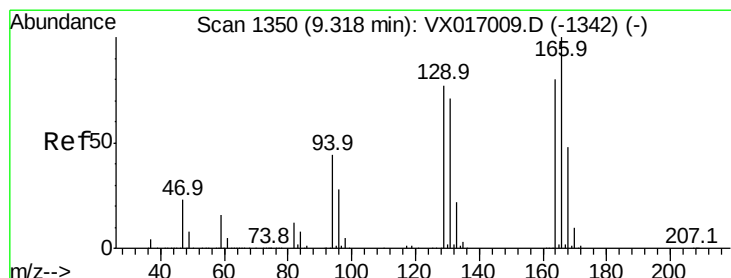
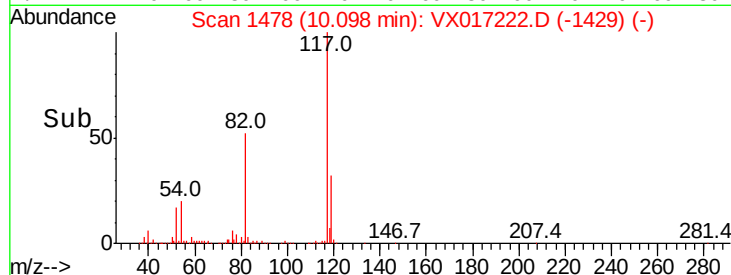
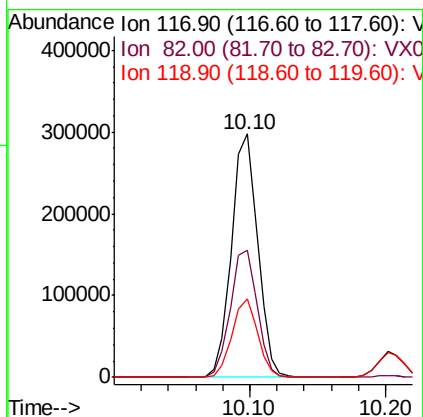
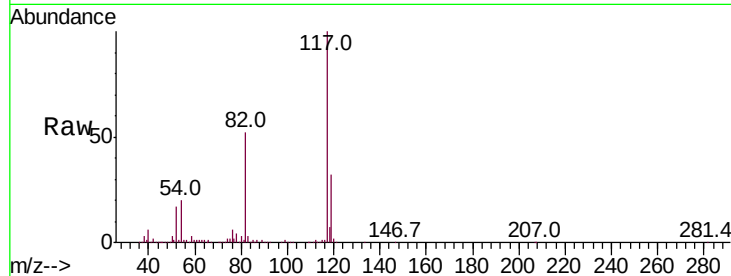




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017222.D
Acq: 07 Jul 2020 23:27

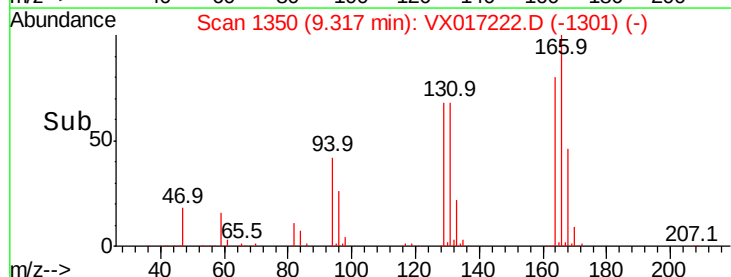
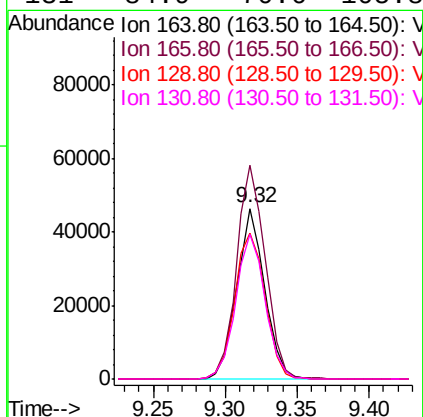
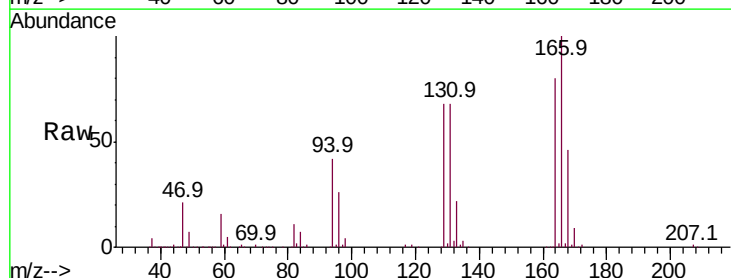
Instrument :
MSVOA_X
ClientSampleId :
VX0707WBSD02

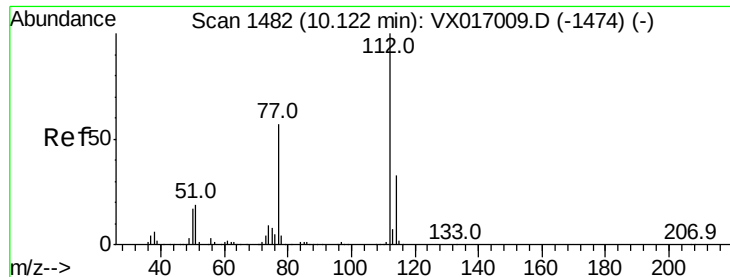
Tot Ion:117 Resp: 399850
Ion Ratio Lower Upper
117 100
82 52.4 42.6 63.8
119 32.4 25.4 38.2



#64
Tetrachloroethene
Concen: 19.414 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX017222.D
Acq: 07 Jul 2020 23:27

Tgt Ion:164 Resp: 62649
Ion Ratio Lower Upper
164 100
166 125.1 99.4 149.0
129 85.3 76.3 114.5
131 84.9 70.6 105.8

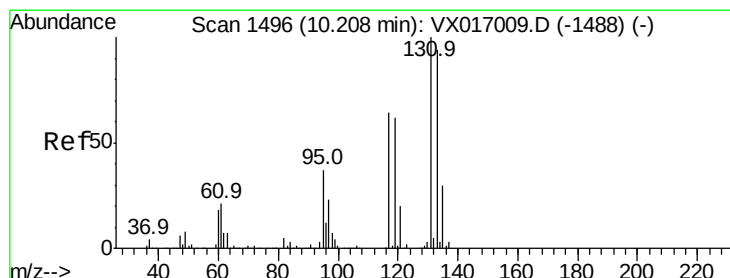
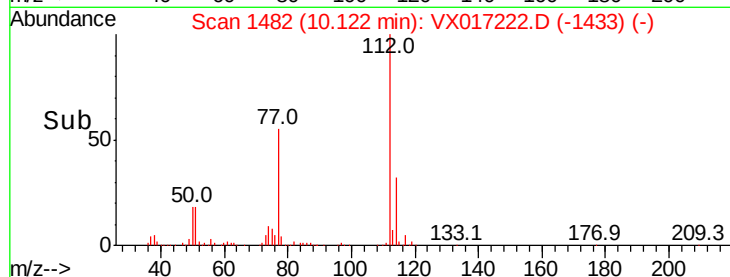
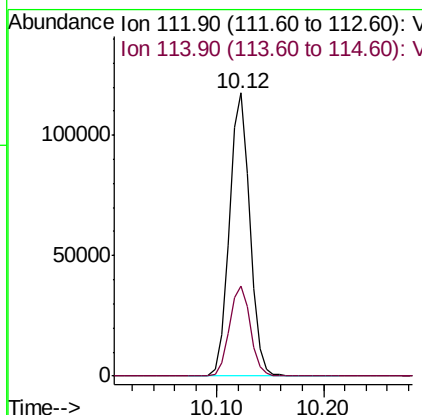
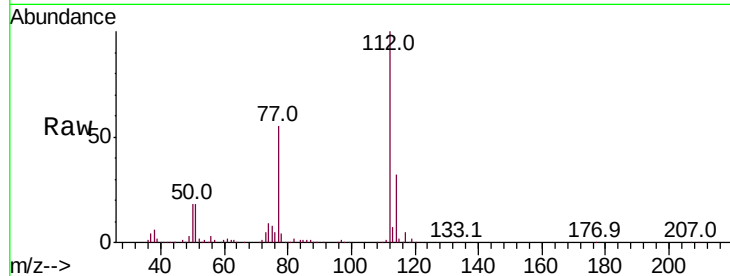




#65
Chlorobenzene
Concen: 19.220 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX017222.D
Acq: 07 Jul 2020 23:27

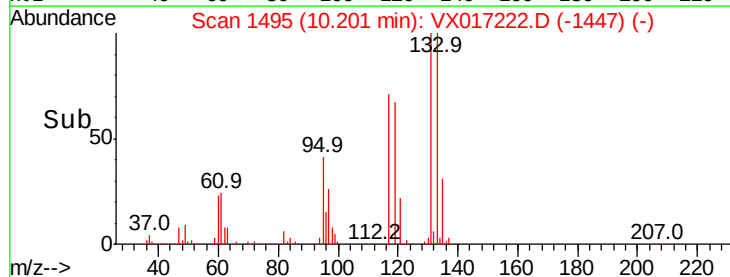
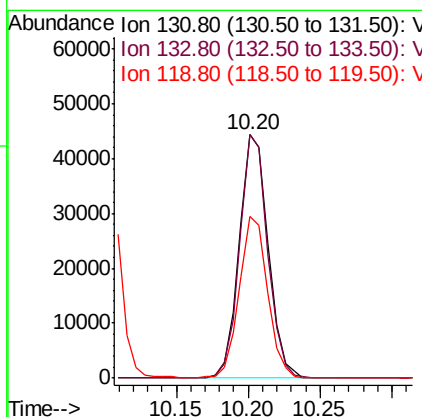
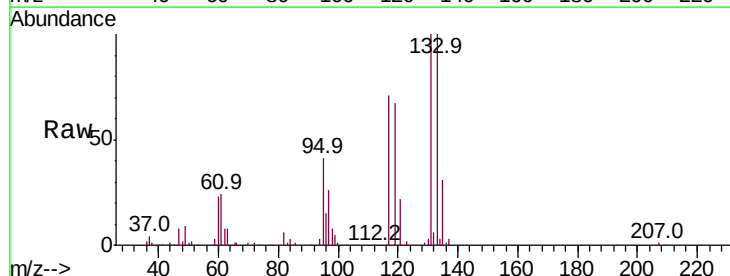
Instrument :
MSVOA_X
ClientSampleId :
VX0707WBSD02

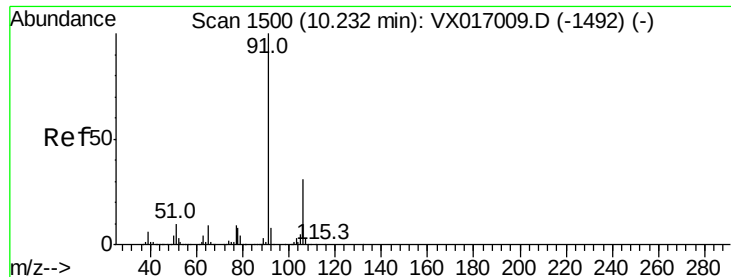
Tot Ion:112 Resp: 158615
Ion Ratio Lower Upper
112 100
114 31.7 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 19.414 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.01 min
Lab File: VX017222.D
Acq: 07 Jul 2020 23:27

Tgt Ion:131 Resp: 61744
Ion Ratio Lower Upper
131 100
133 96.8 47.3 141.9
119 64.7 31.9 95.5





#67

Ethyl Benzene

Concen: 19.031 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.00 min

Lab File: VX017222.D

Acq: 07 Jul 2020 23:27

Instrument :

MSVOA_X

ClientSampleId :

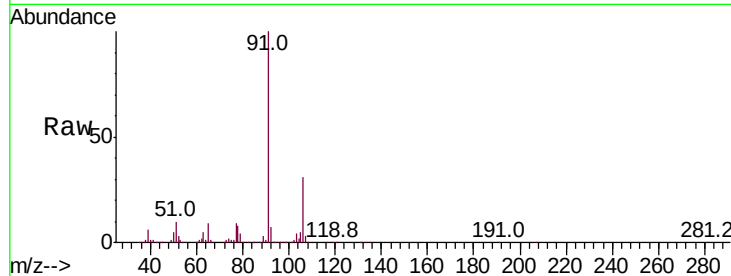
VX0707WBSD02

Tot Ion: 91 Resp: 262282

Ion Ratio Lower Upper

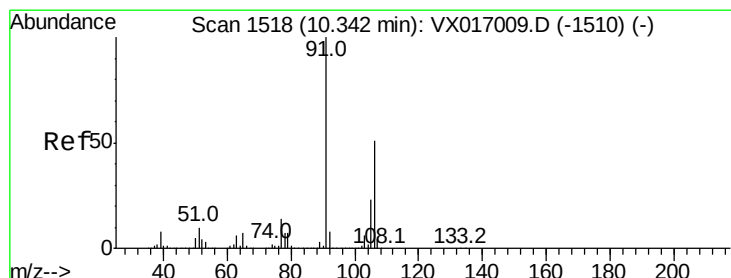
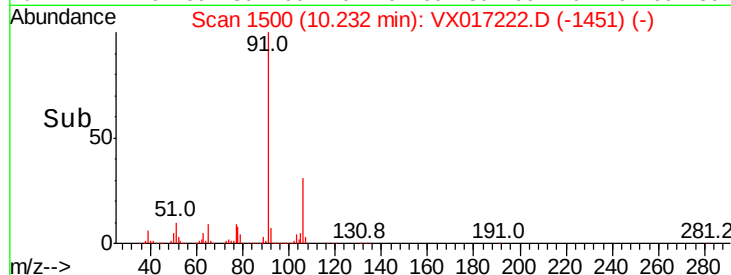
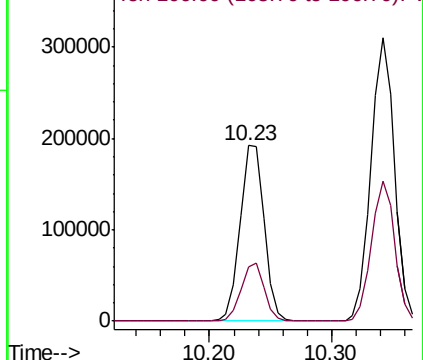
91 100

106 31.3 24.7 37.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 38.668 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX017222.D

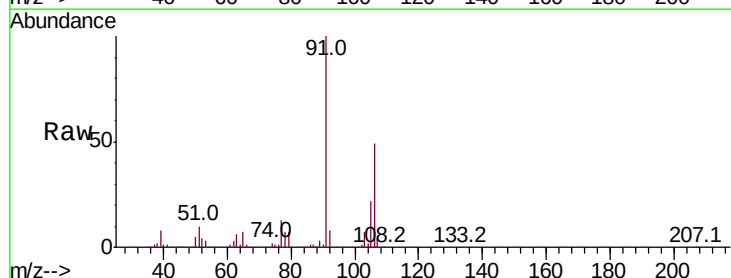
Acq: 07 Jul 2020 23:27

Tgt Ion: 106 Resp: 204624

Ion Ratio Lower Upper

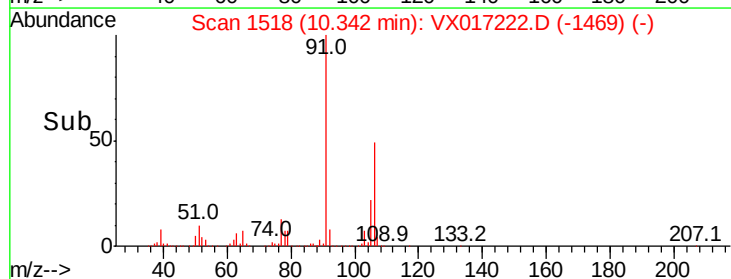
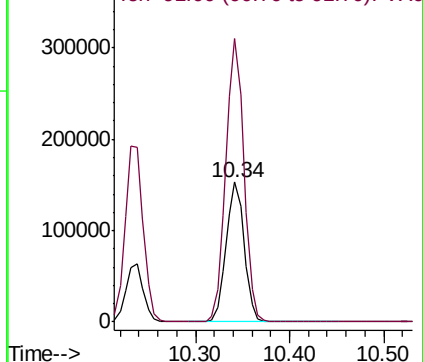
106 100

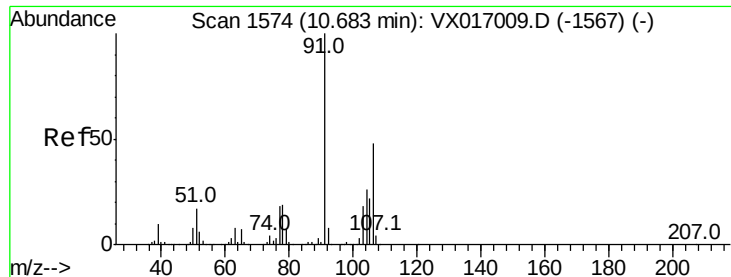
91 202.3 158.6 238.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

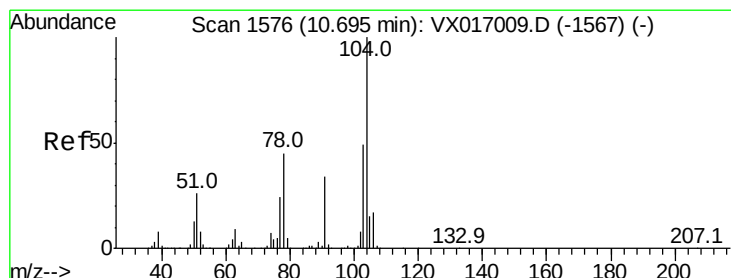
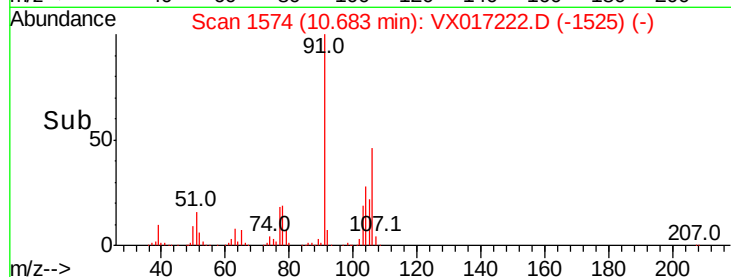
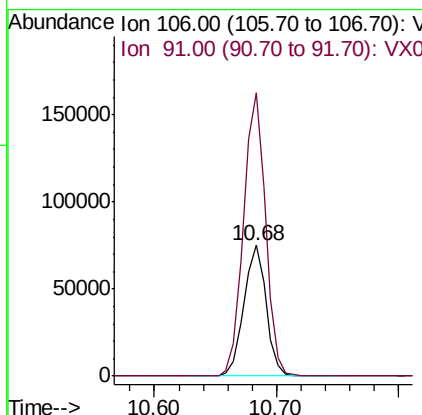
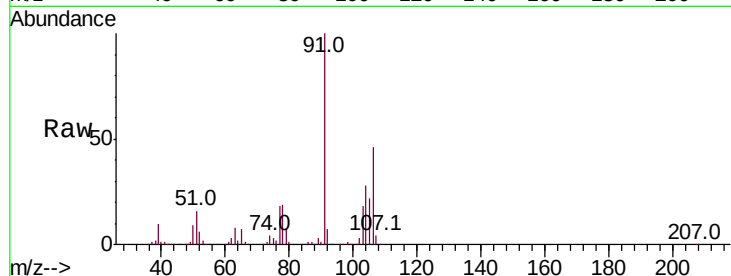




#69
o-Xylene
Concen: 18.813 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017222.D
Acq: 07 Jul 2020 23:27

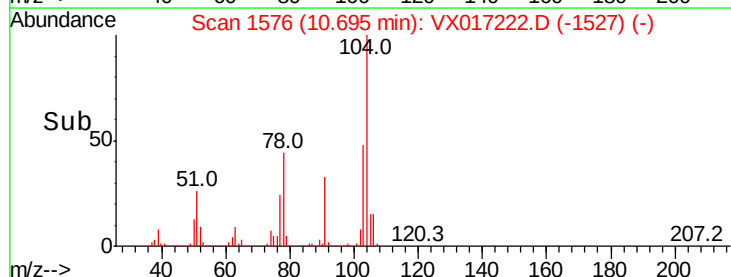
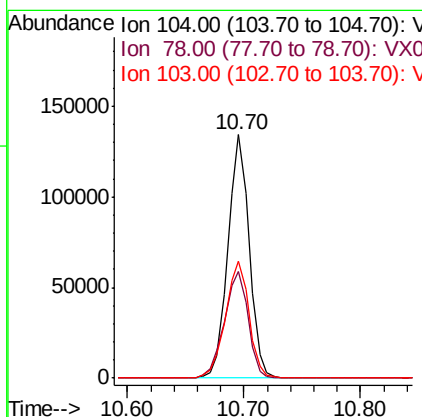
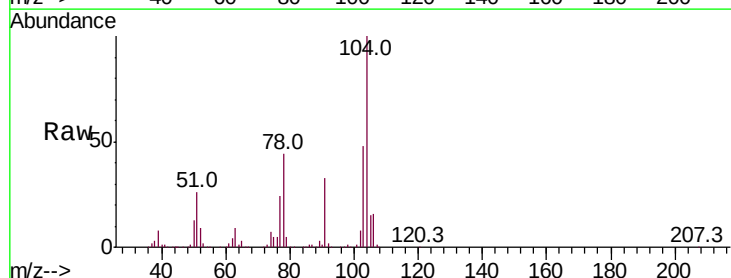
Instrument :
MSVOA_X
ClientSampleId :
VX0707WBSD02

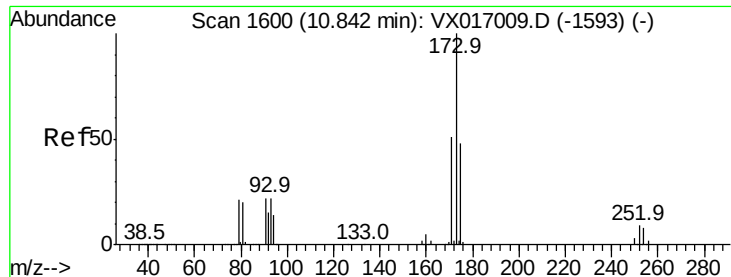
Tot Ion:106 Resp: 94706
Ion Ratio Lower Upper
106 100
91 214.1 105.6 316.7



#70
Styrene
Concen: 19.908 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX017222.D
Acq: 07 Jul 2020 23:27

Tgt Ion:104 Resp: 170666
Ion Ratio Lower Upper
104 100
78 49.2 39.5 59.3
103 53.2 43.0 64.6





#71

Bromoform

Concen: 21.448 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX017222.D

Acq: 07 Jul 2020 23:27

Instrument :

MSVOA_X

ClientSampleId :

VX0707WBSD02

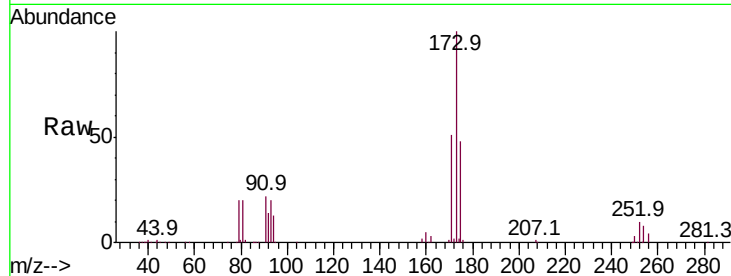
Tot Ion:173 Resp: 54093

Ion Ratio Lower Upper

173 100

175 49.8 24.5 73.5

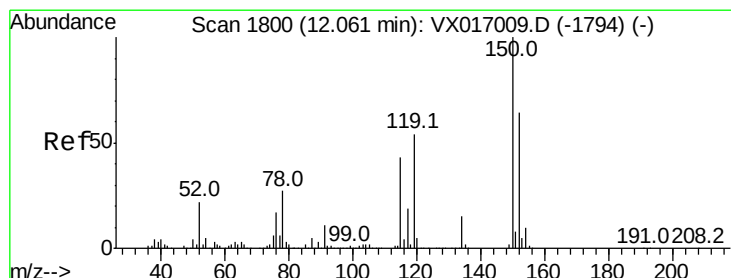
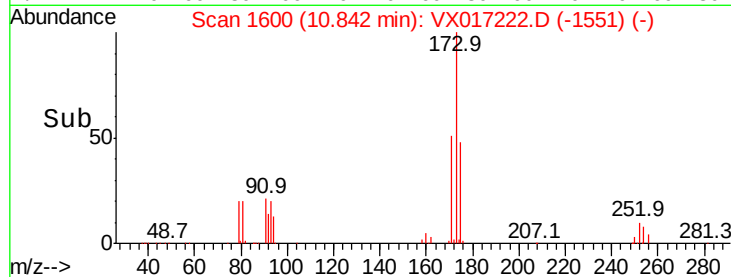
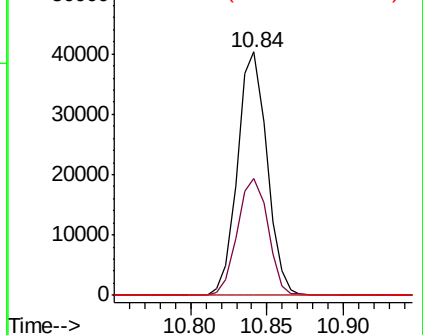
254 0.0 0.1 0.1#



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: VX017222.D

Acq: 07 Jul 2020 23:27

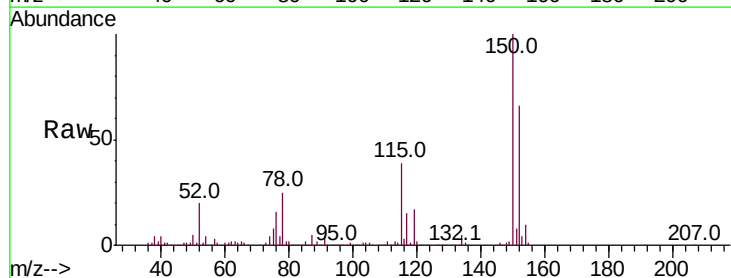
Tgt Ion:152 Resp: 222844

Ion Ratio Lower Upper

152 100

115 65.0 40.9 122.7

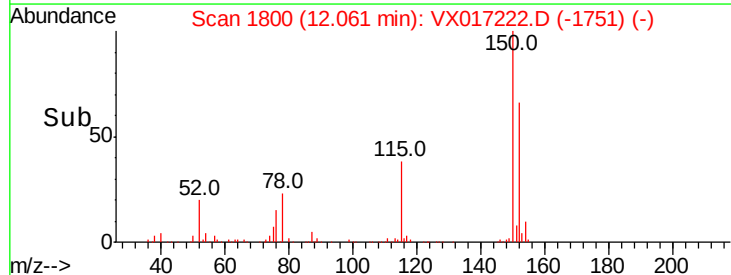
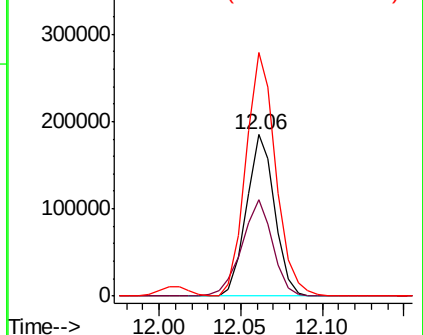
150 160.0 0.0 351.6

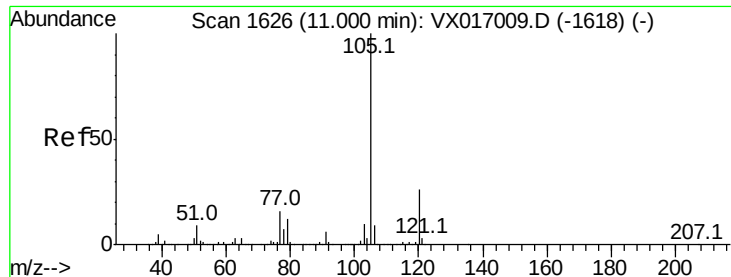


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.245 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX017222.D

Acq: 07 Jul 2020 23:27

Instrument :

MSVOA_X

ClientSampleId :

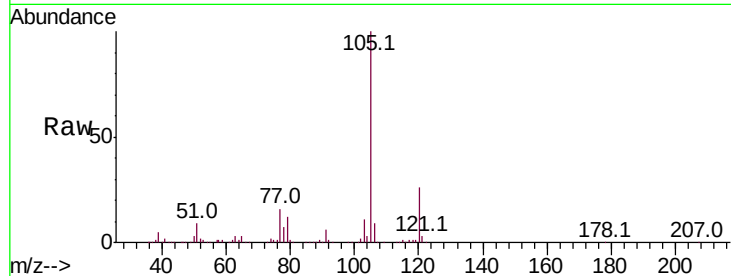
VX0707WBSD02

Tot Ion:105 Resp: 266319

Ion Ratio Lower Upper

105 100

120 26.5 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

250000

200000

150000

100000

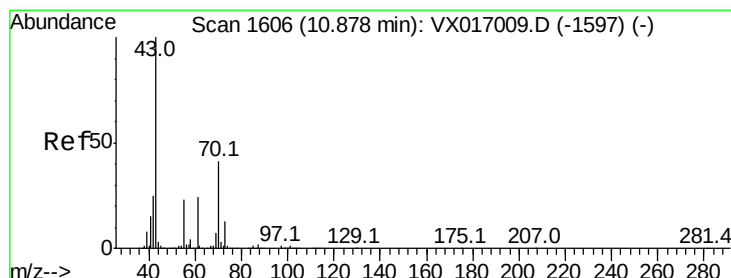
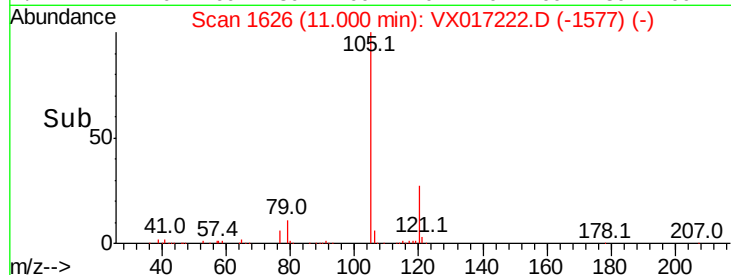
50000

0

11.00

10.90 11.00 11.10

Time-->



#74

N-ethyl acetate

Concen: 16.798 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX017222.D

Acq: 07 Jul 2020 23:27

Tgt Ion: 43 Resp: 104621

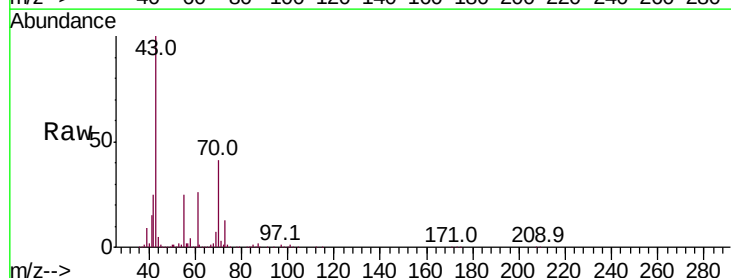
Ion Ratio Lower Upper

43 100

70 43.5 34.2 51.2

55 25.5 19.2 28.8

61 24.8 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

100000

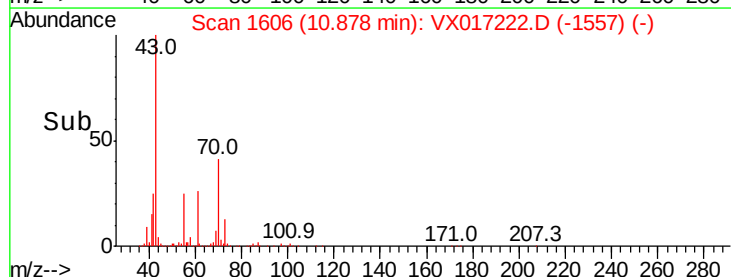
50000

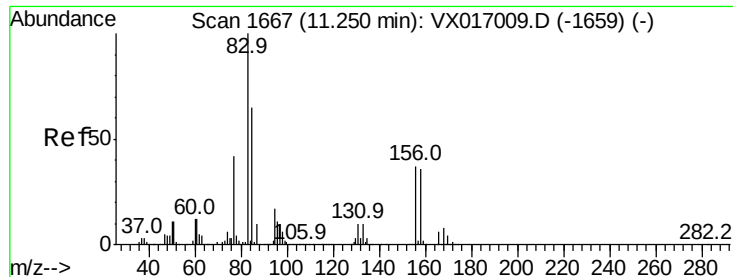
0

10.88

10.80 10.90 11.00

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 18.261 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX017222.D

Acq: 07 Jul 2020 23:27

Instrument :

MSVOA_X

ClientSampleId :

VX0707WBSD02

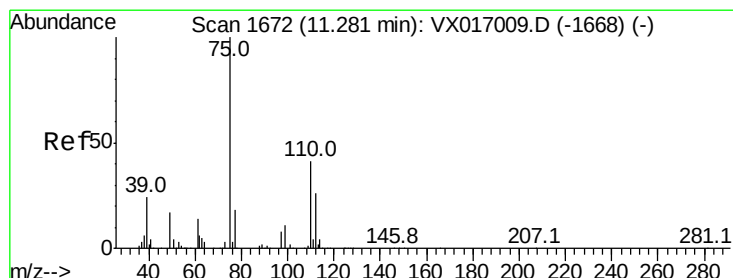
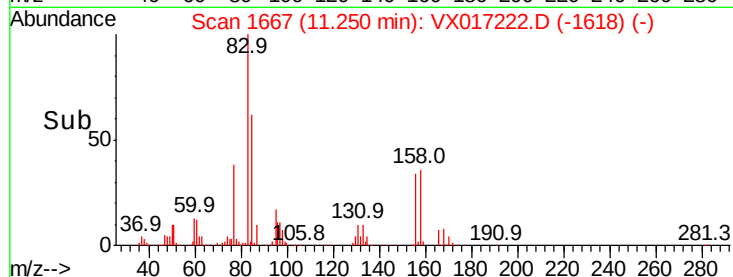
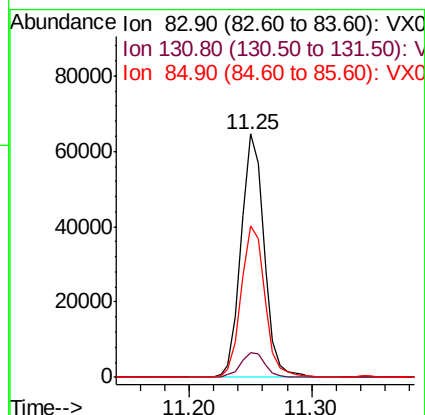
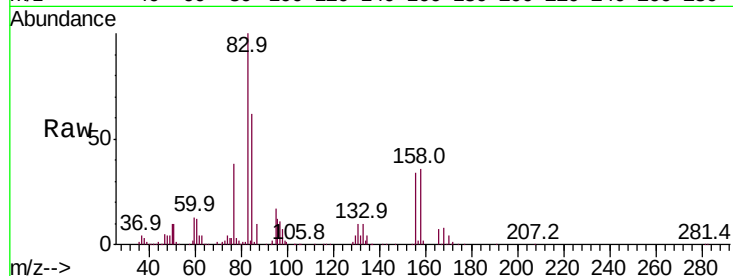
Tot Ion: 83 Resp: 83845

Ion Ratio Lower Upper

83 100

131 10.7 5.4 16.2

85 64.5 31.9 95.9



#76

1,2,3-Trichloropropane

Concen: 22.830 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX017222.D

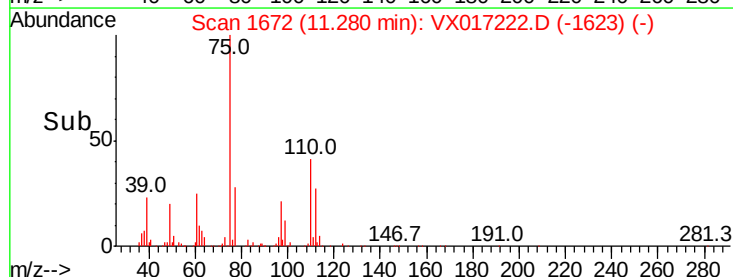
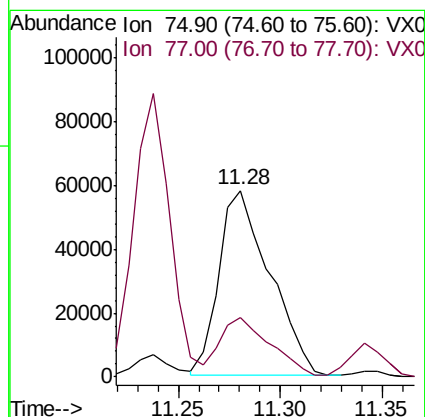
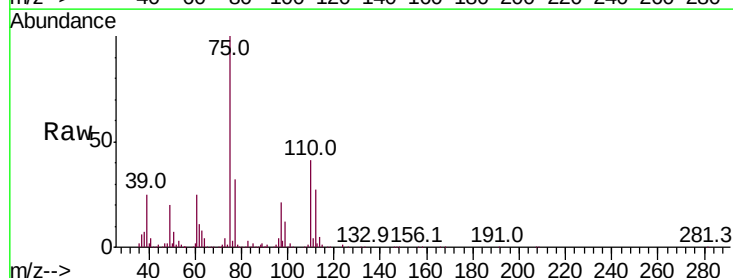
Acq: 07 Jul 2020 23:27

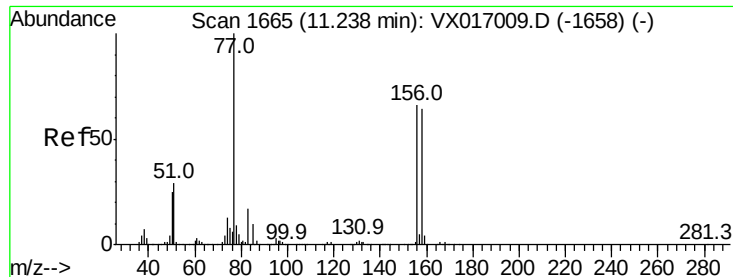
Tgt Ion: 75 Resp: 100042

Ion Ratio Lower Upper

75 100

77 32.3 20.2 60.6





#77

Bromobenzene

Concen: 18.230 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX017222.D

Acq: 07 Jul 2020 23:27

Instrument :

MSVOA_X

ClientSampleId :

VX0707WBSD02

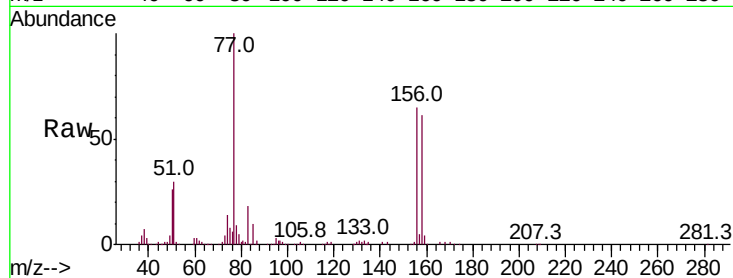
Tot Ion:156 Resp: 73131

Ion Ratio Lower Upper

156 100

77 150.9 76.9 230.7

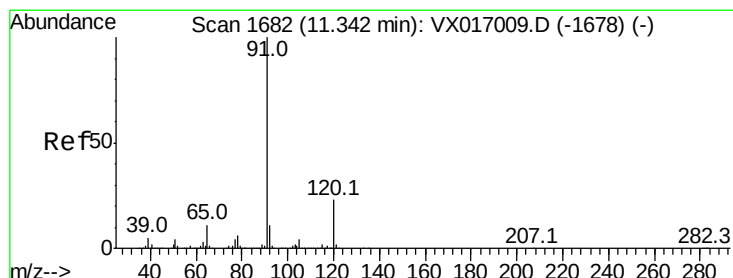
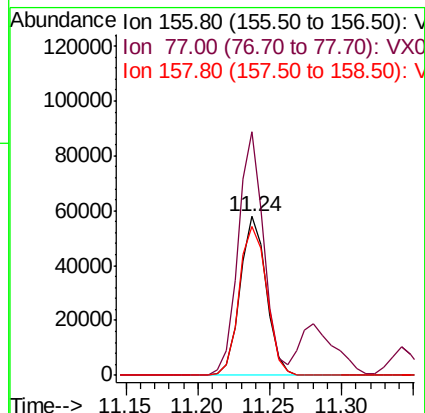
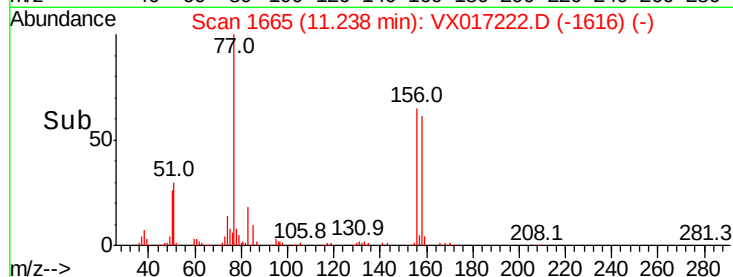
158 98.8 47.9 143.6



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: 18.096 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX017222.D

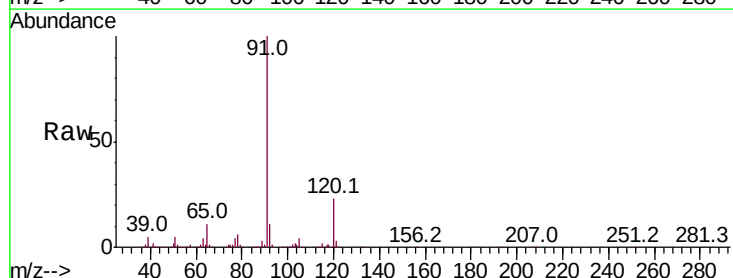
Acq: 07 Jul 2020 23:27

Tgt Ion: 91 Resp: 298693

Ion Ratio Lower Upper

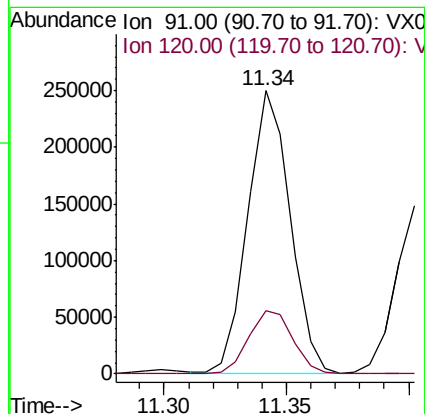
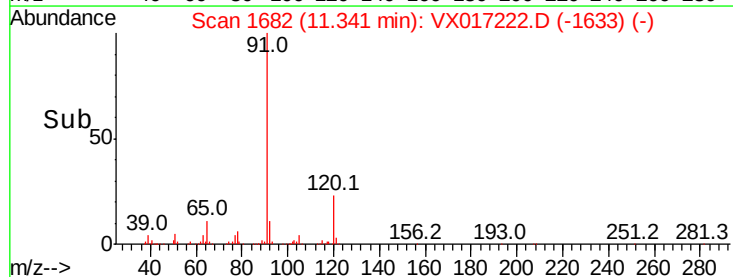
91 100

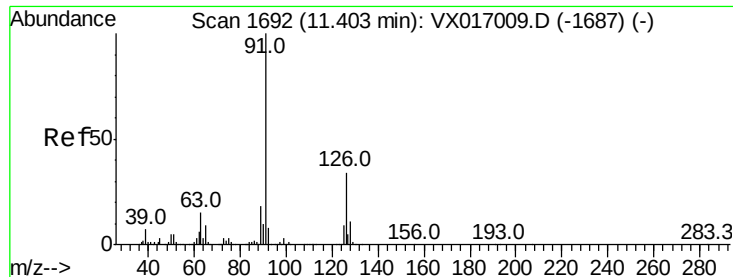
120 23.7 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

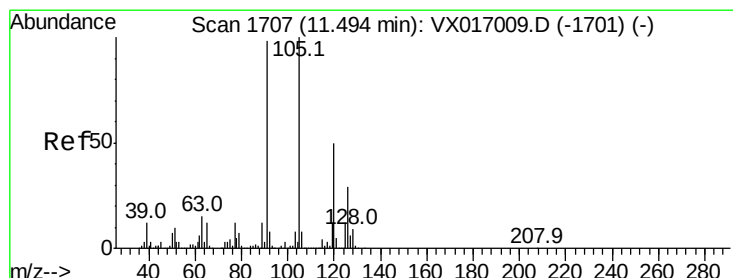
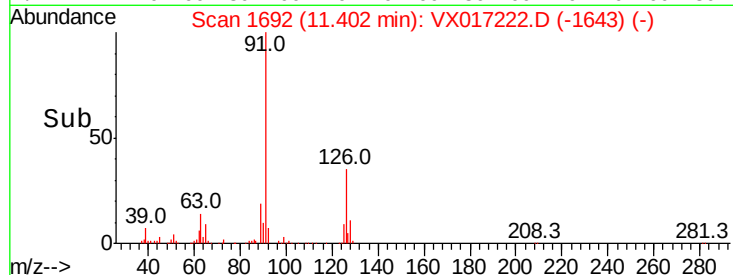
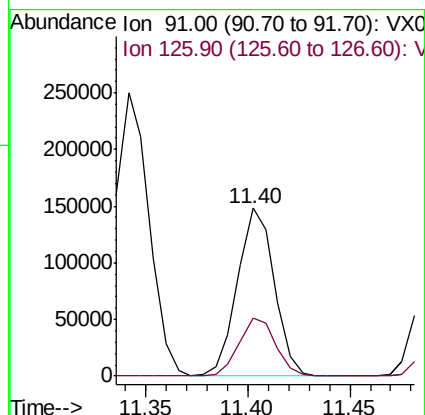
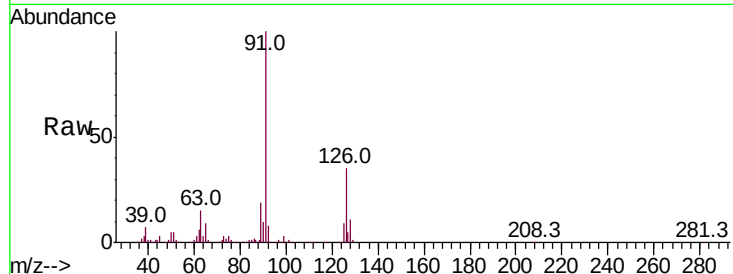




#79
 2-Chlorotoluene
 Concen: 18.411 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: VX017222.D
 Acq: 07 Jul 2020 23:27

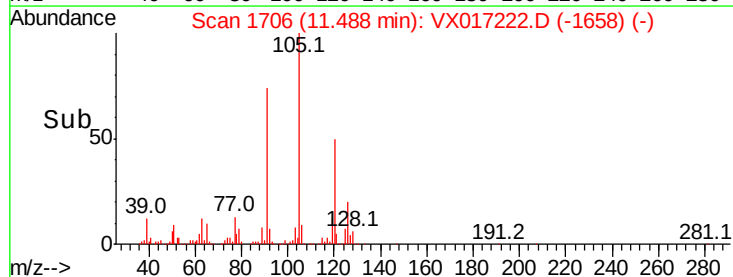
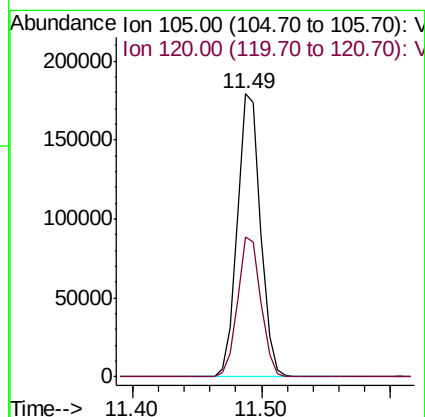
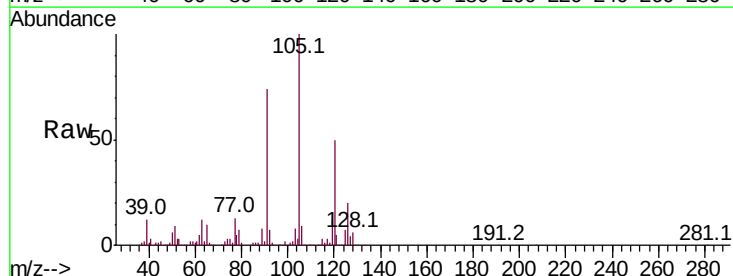
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0707WBSD02

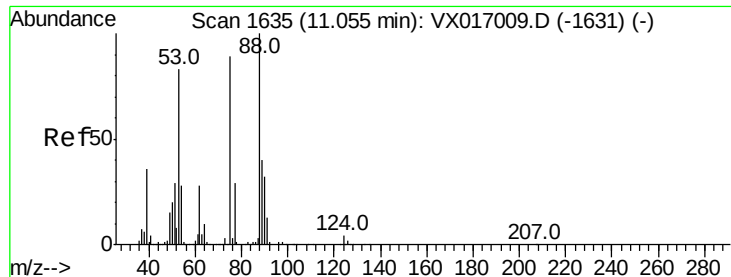
Tot Ion: 91 Resp: 183920
 Ion Ratio Lower Upper
 91 100
 126 35.0 17.4 52.3



#80
 1,3,5-Trimethylbenzene
 Concen: 18.589 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: VX017222.D
 Acq: 07 Jul 2020 23:27

Tgt Ion: 105 Resp: 225064
 Ion Ratio Lower Upper
 105 100
 120 49.8 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 15.560 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.01 min

Lab File: VX017222.D

Acq: 07 Jul 2020 23:27

Instrument :

MSVOA_X

ClientSampleId :

VX0707WBSD02

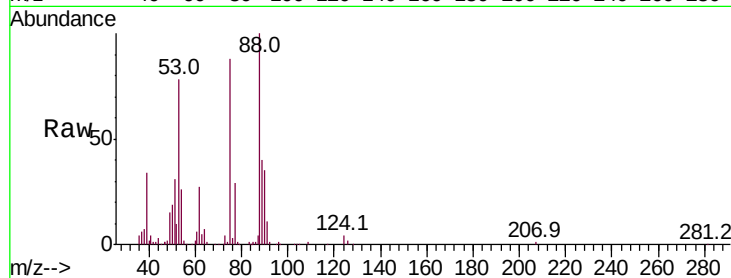
Tot Ion: 75 Resp: 26330

Ion Ratio Lower Upper

75 100

53 98.4 72.4 108.6

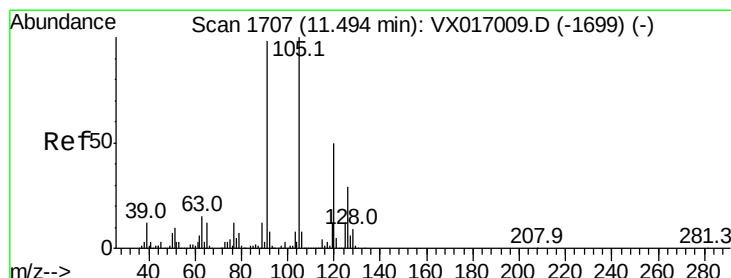
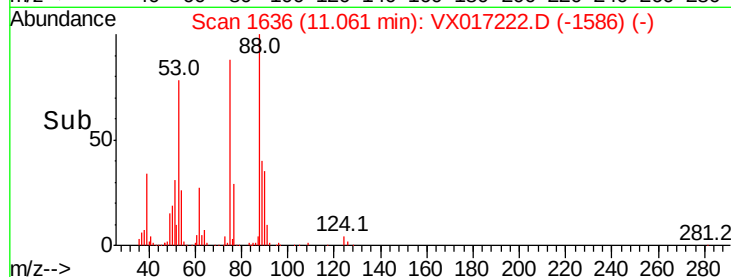
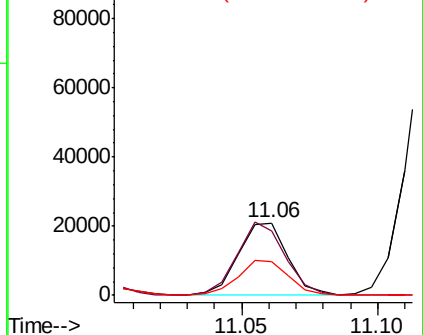
89 49.3 37.0 55.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 18.578 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX017222.D

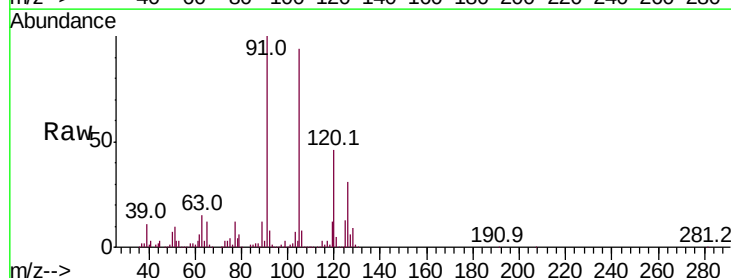
Acq: 07 Jul 2020 23:27

Tgt Ion: 91 Resp: 221863

Ion Ratio Lower Upper

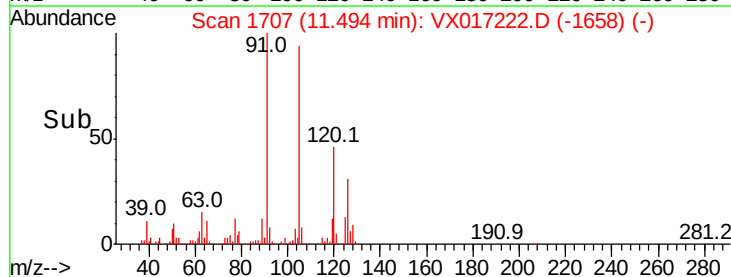
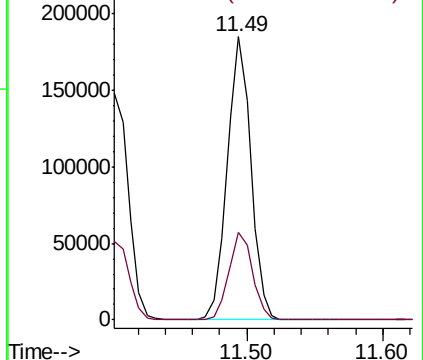
91 100

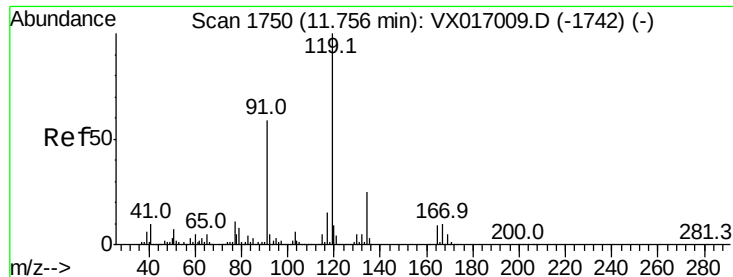
126 31.1 15.2 45.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

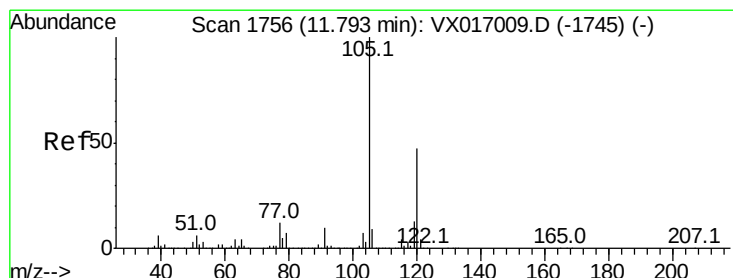
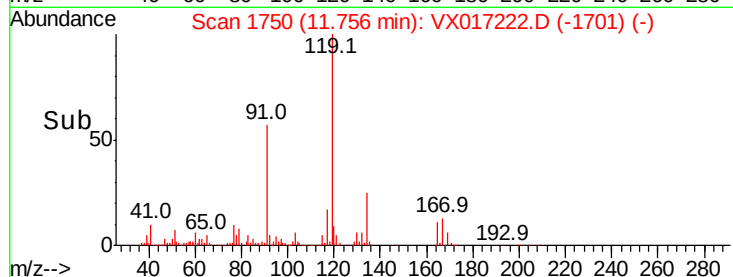
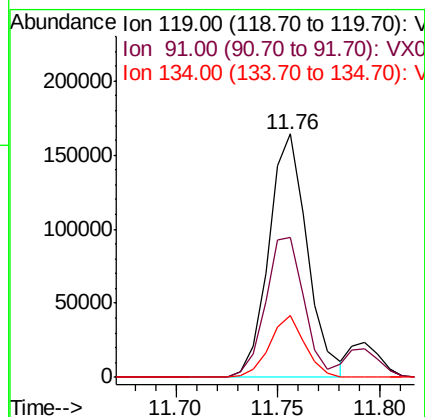
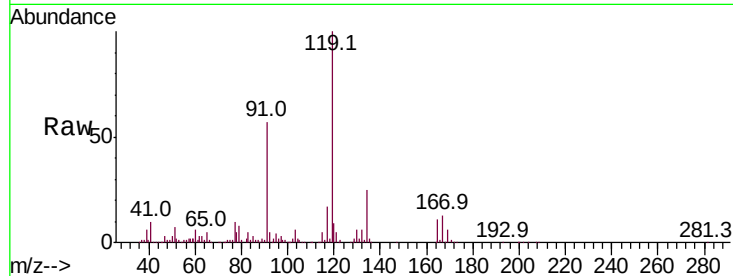




#83
 tert-Butylbenzene
 Concen: 18.201 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX017222.D
 Acq: 07 Jul 2020 23:27

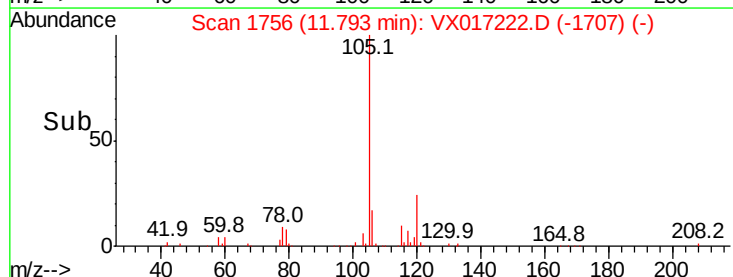
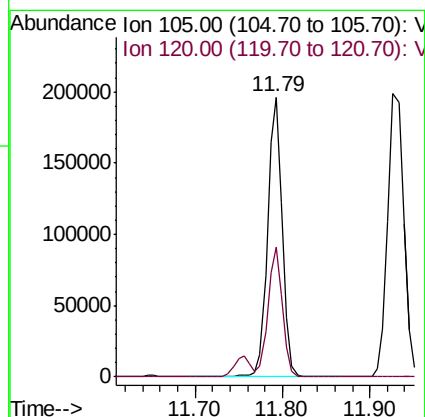
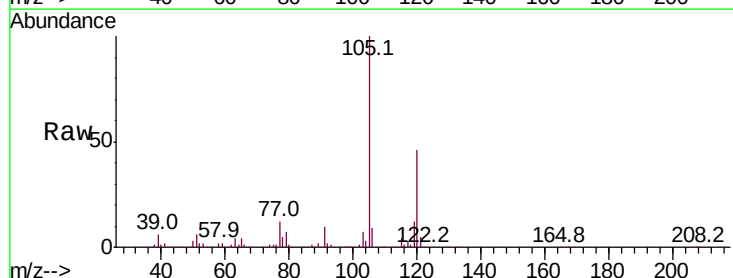
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0707WBSD02

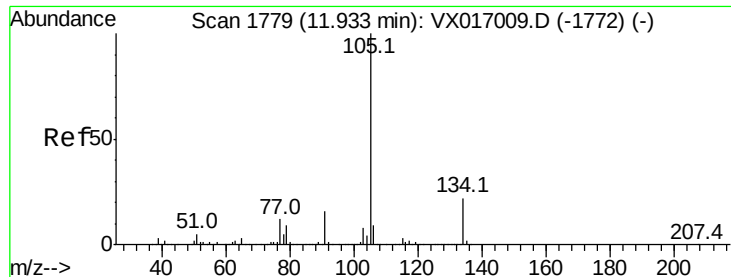
Tot Ion:119 Resp: 216330
 Ion Ratio Lower Upper
 119 100
 91 57.1 28.3 84.9
 134 23.4 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 18.802 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX017222.D
 Acq: 07 Jul 2020 23:27

Tgt Ion:105 Resp: 230942
 Ion Ratio Lower Upper
 105 100
 120 45.5 22.9 68.5





#85

sec-Butylbenzene

Concen: 17.994 ug/l

RT: 11.93 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VX017222.D

Acq: 07 Jul 2020 23:27

Instrument :

MSVOA_X

ClientSampleId :

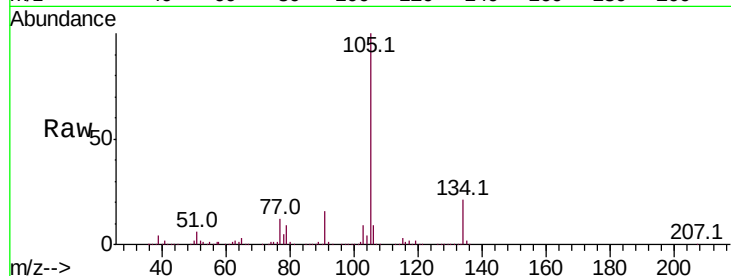
VX0707WBSD02

Tot Ion:105 Resp: 251394

Ion Ratio Lower Upper

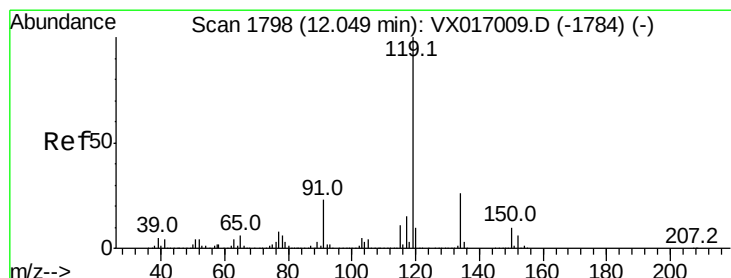
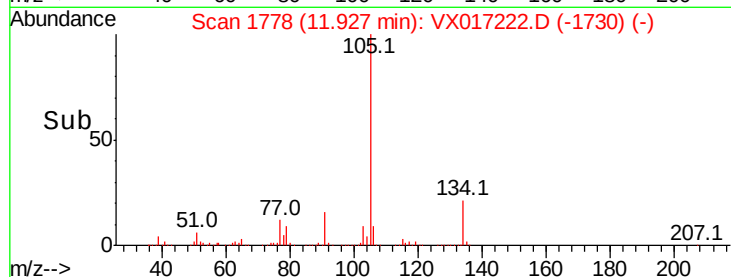
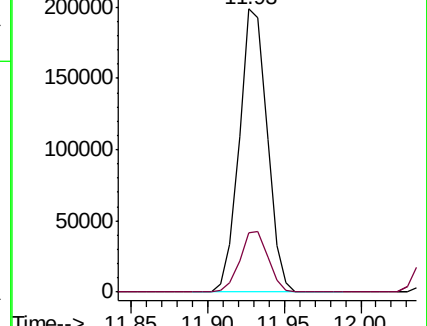
105 100

134 21.7 10.5 31.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 18.381 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX017222.D

Acq: 07 Jul 2020 23:27

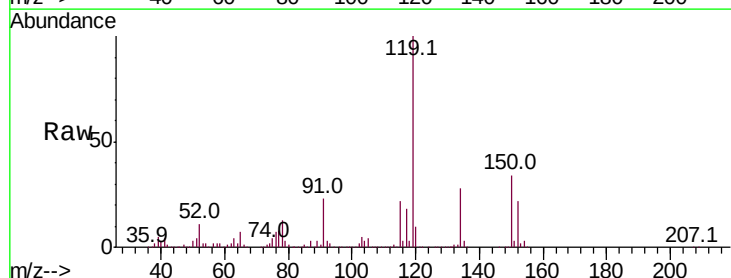
Tgt Ion:119 Resp: 239064

Ion Ratio Lower Upper

119 100

134 26.6 13.2 39.5

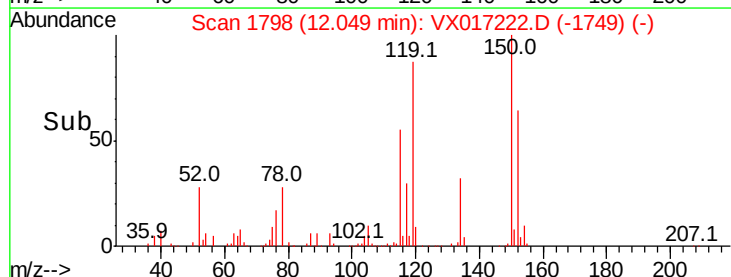
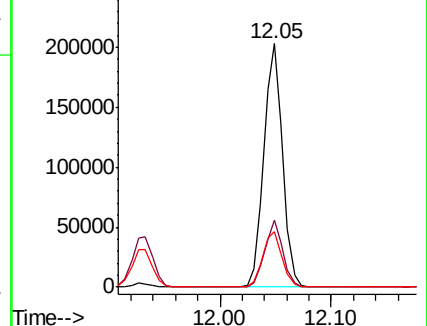
91 23.9 11.8 35.4

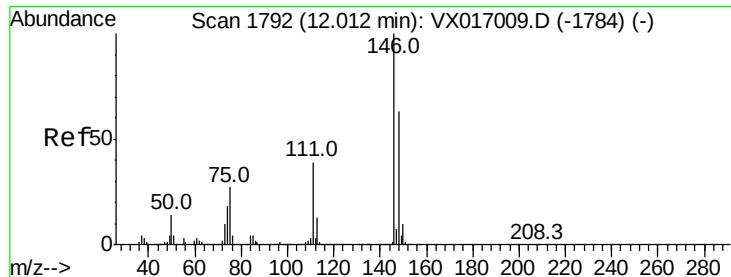


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

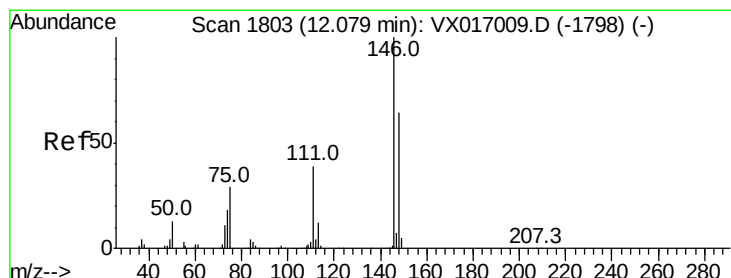
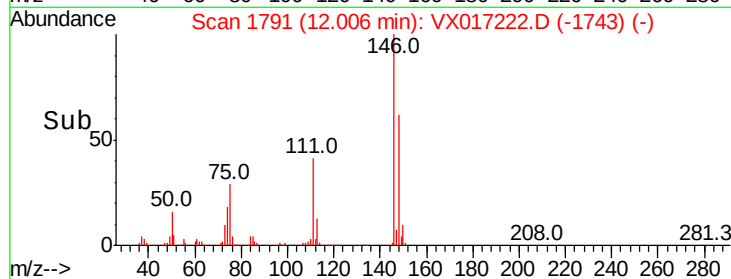
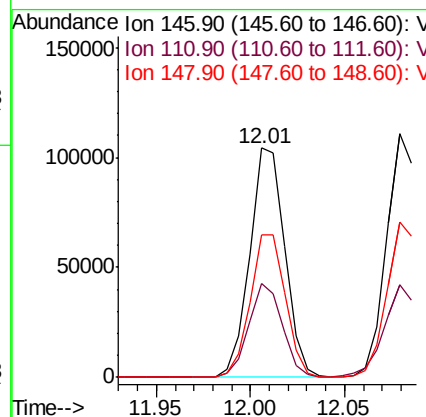
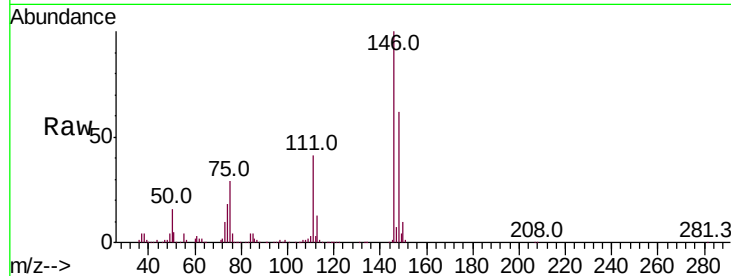




#87
 1,3-Dichlorobenzene
 Concen: 18.532 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. -0.01 min
 Lab File: VX017222.D
 Acq: 07 Jul 2020 23:27

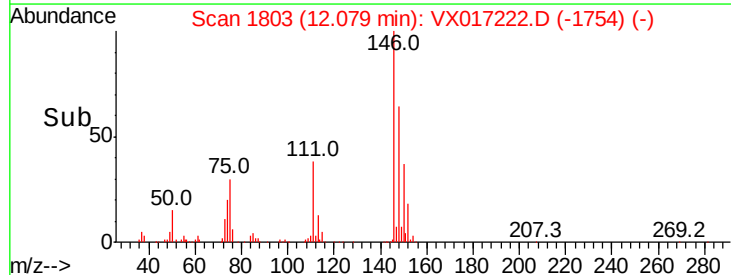
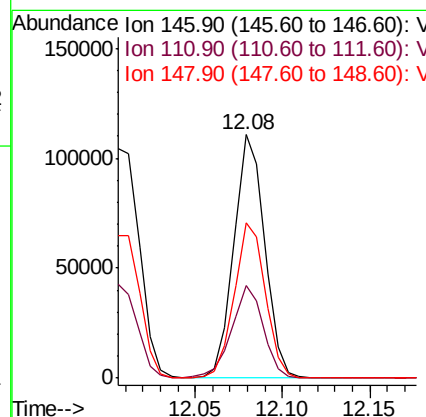
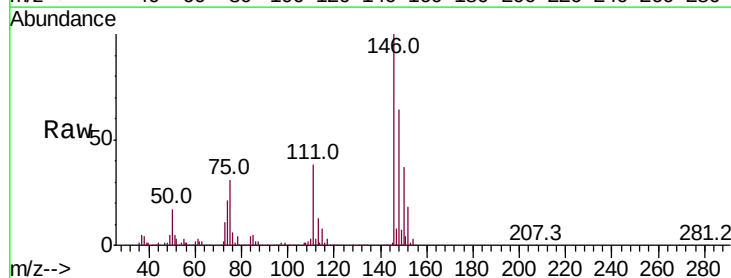
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0707WBSD02

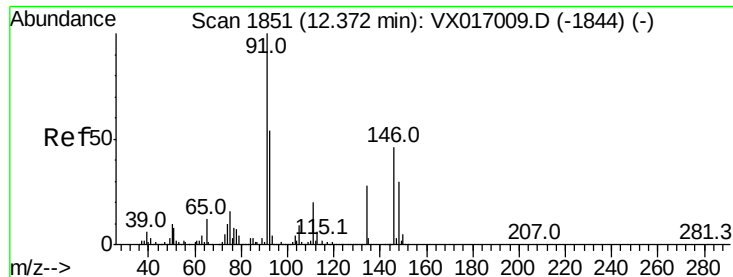
Tot Ion:146 Resp: 135022
 Ion Ratio Lower Upper
 146 100
 111 39.1 20.4 61.2
 148 62.5 32.5 97.5



#88
 1,4-Dichlorobenzene
 Concen: 19.579 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX017222.D
 Acq: 07 Jul 2020 23:27

Tgt Ion:146 Resp: 135328
 Ion Ratio Lower Upper
 146 100
 111 39.5 19.5 58.5
 148 64.5 31.9 95.7

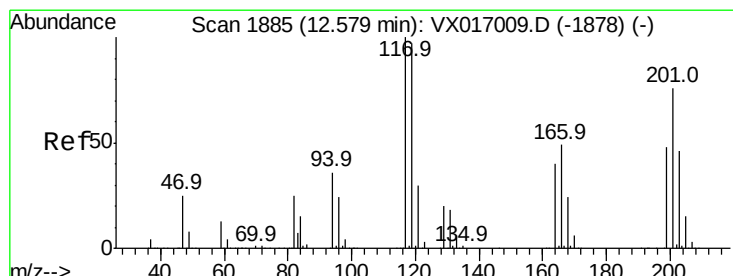
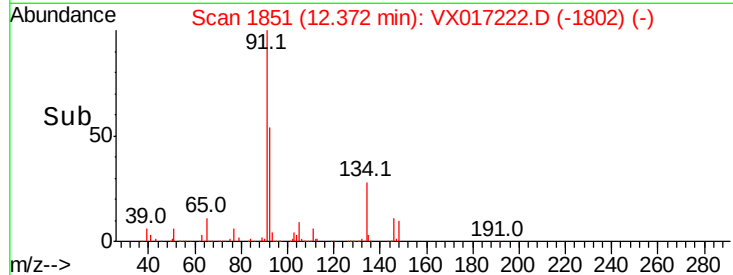
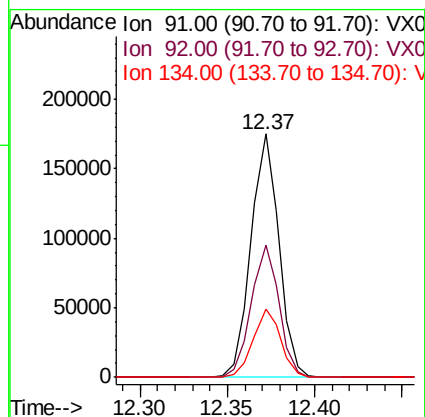
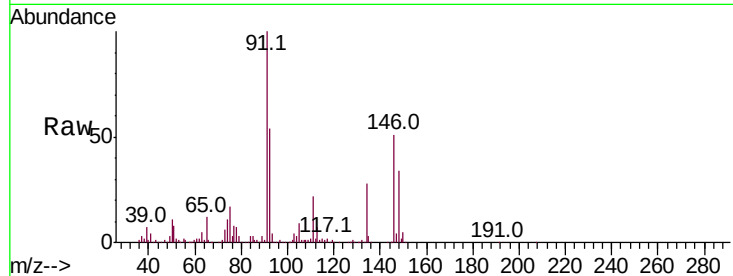




#89
n-Butylbenzene
Concen: 16.784 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX017222.D
Acq: 07 Jul 2020 23:27

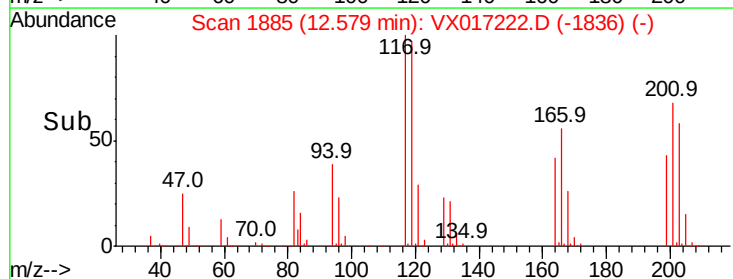
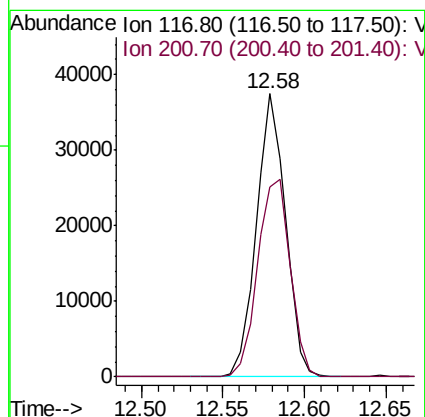
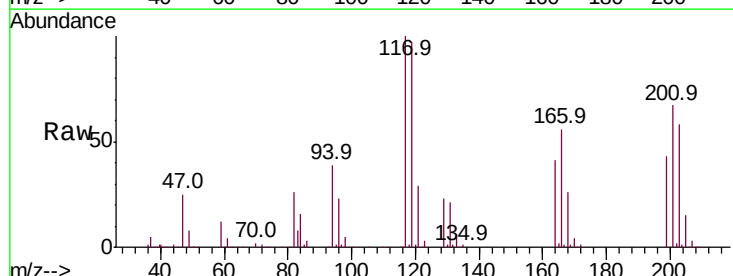
Instrument :
MSVOA_X
ClientSampleId :
VX0707WBSD02

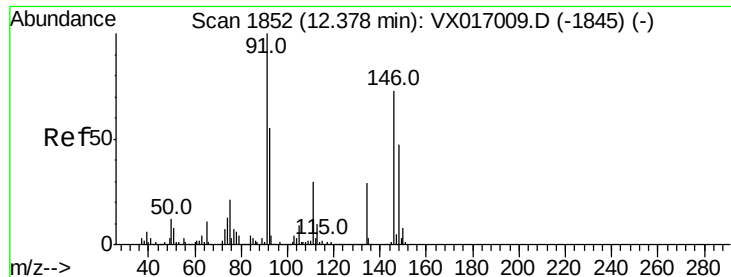
Tot Ion: 91 Resp: 194911
Ion Ratio Lower Upper
91 100
92 54.0 27.2 81.6
134 27.6 13.6 40.7



#90
Hexachloroethane
Concen: 18.215 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX017222.D
Acq: 07 Jul 2020 23:27

Tgt Ion: 117 Resp: 46717
Ion Ratio Lower Upper
117 100
201 78.0 39.4 118.2

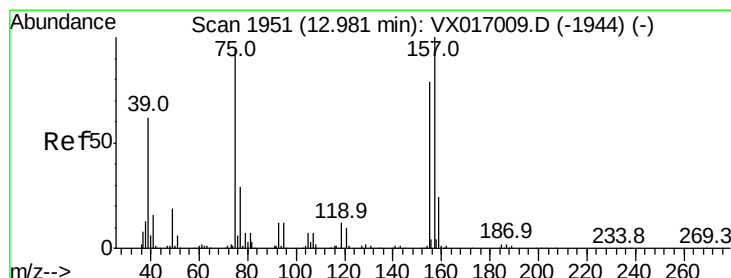
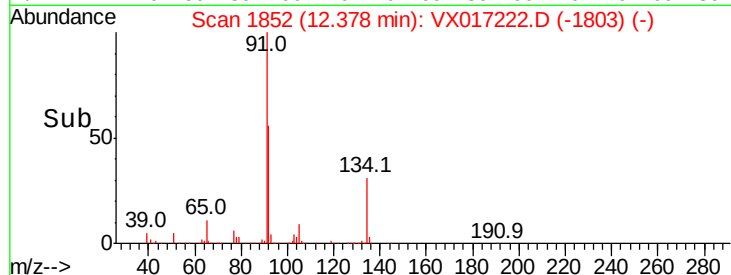
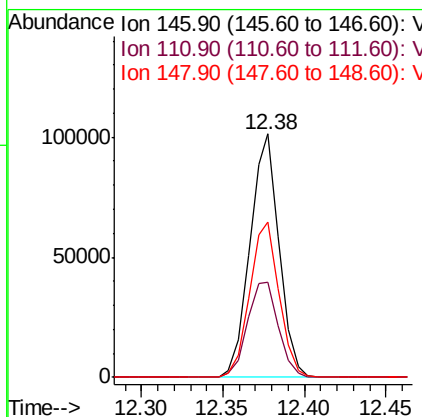
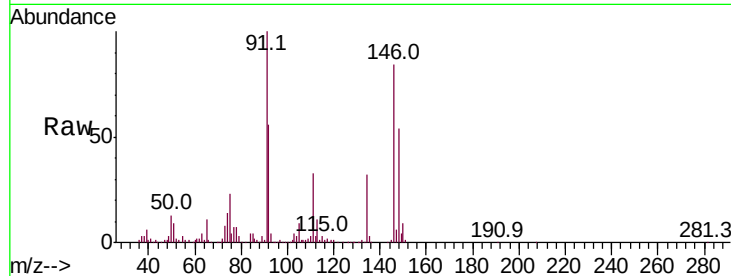




#91
 1,2-Dichlorobenzene
 Concen: 18.502 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX017222.D
 Acq: 07 Jul 2020 23:27

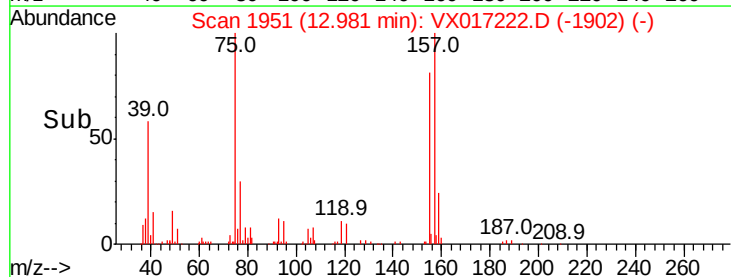
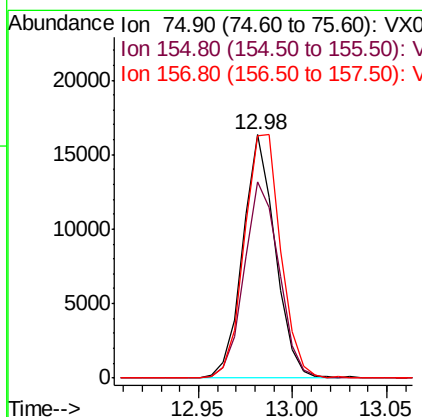
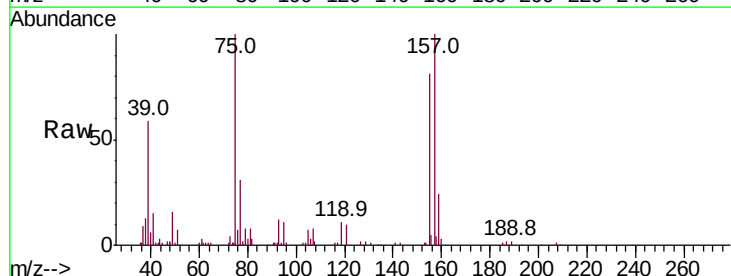
Instrument :
 MSVOA_X
 ClientSampleID :
 VX0707WBSD02

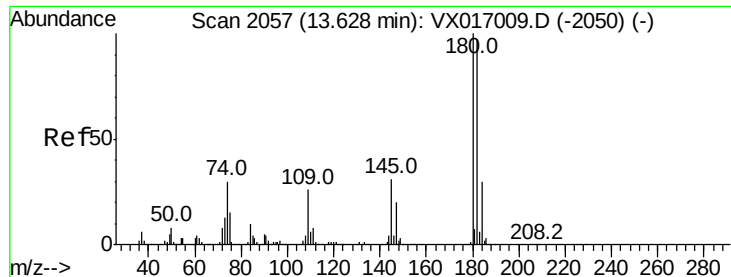
Tot Ion:146 Resp: 126005
 Ion Ratio Lower Upper
 146 100
 111 41.7 20.6 61.9
 148 64.6 32.4 97.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.751 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX017222.D
 Acq: 07 Jul 2020 23:27

Tgt Ion: 75 Resp: 19443
 Ion Ratio Lower Upper
 75 100
 155 86.6 45.1 135.2
 157 112.7 56.5 169.3

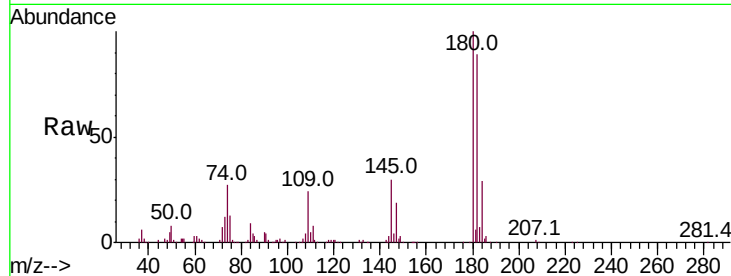




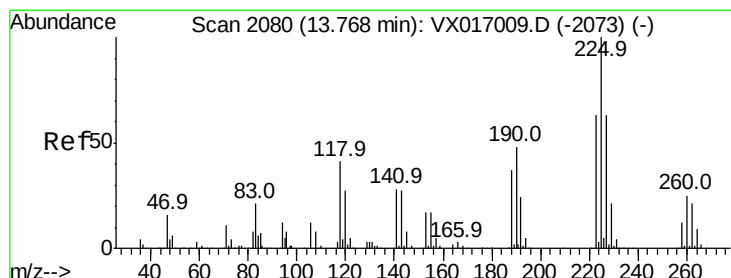
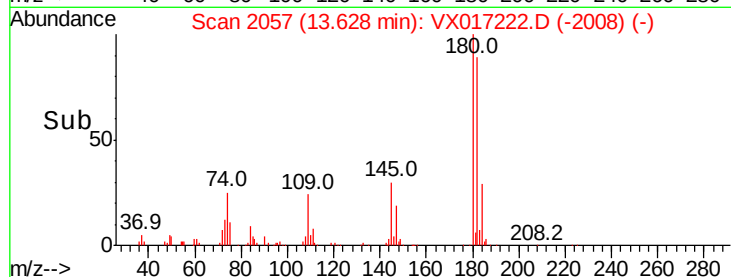
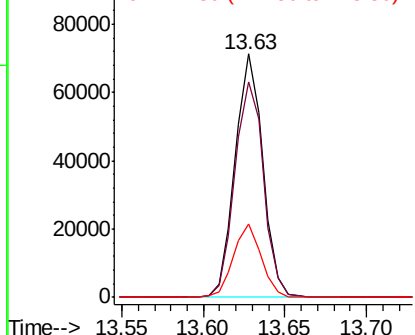
#93
1,2,4-Trichlorobenzene
Concen: 18.175 ug/l
RT: 13.63 min Scan# 2057
Delta R.T. -0.00 min
Lab File: VX017222.D
Acq: 07 Jul 2020 23:27

Instrument :
MSVOA_X
ClientSampleId :
VX0707WBSD02

Tot Ion:180 Resp: 84484
Ion Ratio Lower Upper
180 100
182 91.6 47.3 141.9
145 30.0 15.4 46.2

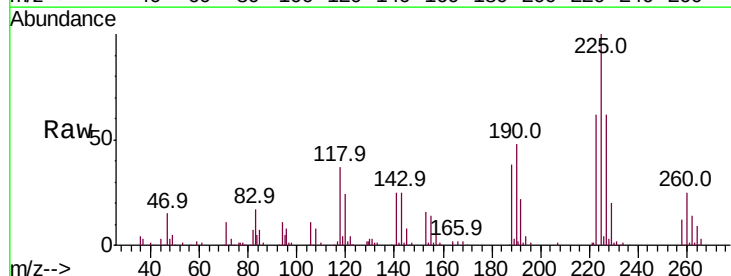


Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V

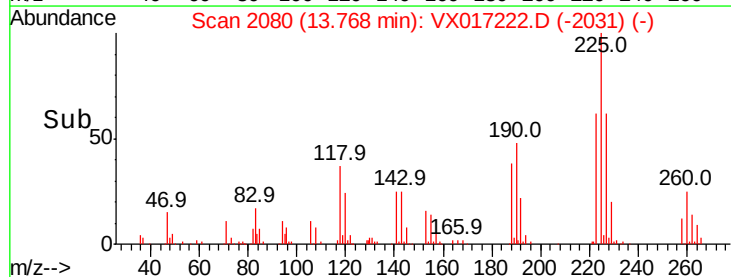
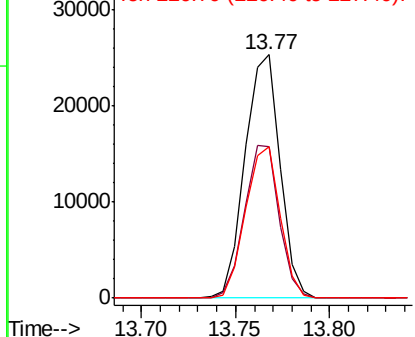


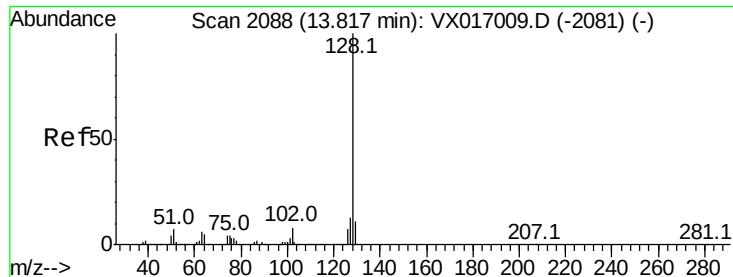
#94
Hexachlorobutadiene
Concen: 19.042 ug/l
RT: 13.77 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX017222.D
Acq: 07 Jul 2020 23:27

Tgt Ion:225 Resp: 32655
Ion Ratio Lower Upper
225 100
223 62.1 32.5 97.5
227 61.6 33.1 99.2



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

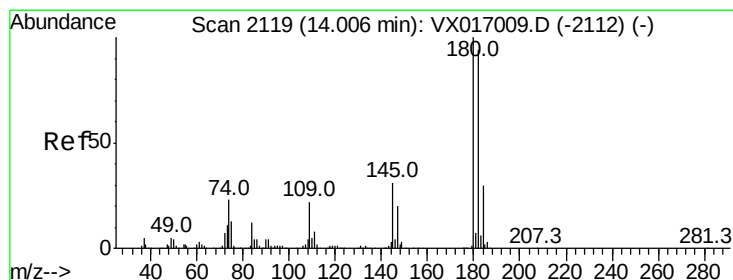
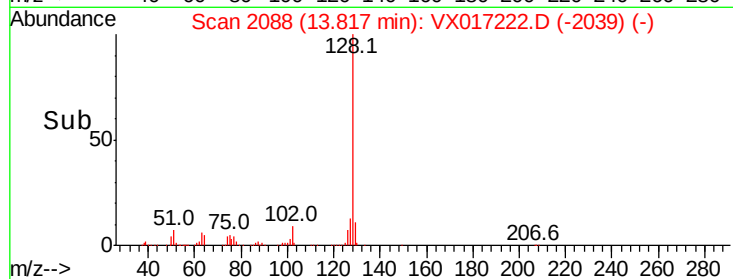
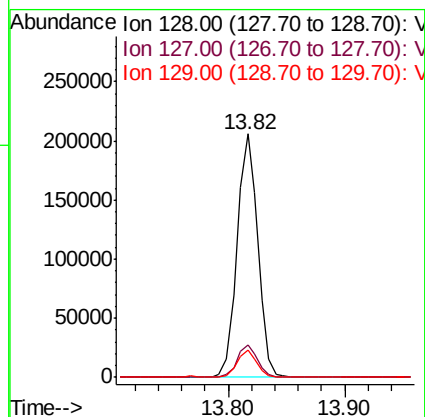
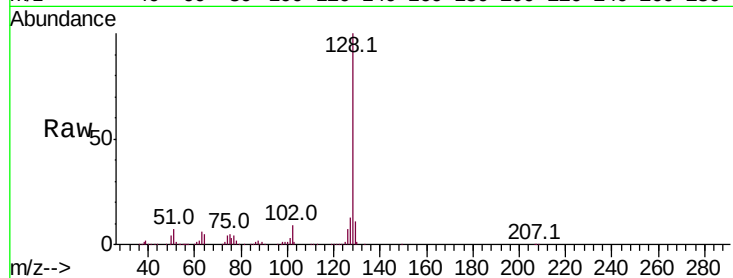




#95
Naphthalene
Concen: 18.041 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX017222.D
Acq: 07 Jul 2020 23:27

Instrument :
MSVOA_X
ClientSampleId :
VX0707WBSD02

Tot Ion:128 Resp: 254963
Ion Ratio Lower Upper
128 100
127 13.1 10.2 15.4
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 18.456 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.01 min
Lab File: VX017222.D
Acq: 07 Jul 2020 23:27

Tgt Ion:180 Resp: 83025
Ion Ratio Lower Upper
180 100
182 94.8 47.1 141.4
145 32.1 16.6 49.7

