

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121220\
 Data File : VX019950.D
 Acq On : 12 Dec 2020 22:13
 Operator : JC/MD
 Sample : L4918-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 16827

Quant Time: Dec 14 08:21:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 04 15:32:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	316967	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	520183	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	479618	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	219038	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	194842	46.77	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	93.54%
35) Dibromofluoromethane	5.46	113	156282	46.49	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	92.98%
50) Toluene-d8	8.70	98	637576	49.68	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	99.36%
62) 4-Bromofluorobenzene	11.12	95	244290	50.01	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	100.02%

Target Compounds

					Qvalue
5) Bromomethane	1.64	94	372	0.311	ug/l 80
8) Diethyl Ether	2.17	74	599	0.282	ug/l # 5
9) 1,1,2-Trichlorotrifluoroet	2.45	101	10920	3.801	ug/l # 19
11) Tert butyl alcohol	3.01	59	110351	127.569	ug/l 100
13) Acrolein	2.25	56	2411	5.243	ug/l # 1
14) Allyl chloride	2.44	41	1832188	373.551	ug/l # 1
15) Acrylonitrile	3.12	53	2249	1.194	ug/l 93
19) Methyl tert-butyl Ether	3.17	73	136552	12.911	ug/l 96
20) Methylene Chloride	2.84	84	19088	4.032	ug/l 98
25) 2-Butanone	4.64	43	106065	44.082	ug/l 98
29) Tetrahydrofuran	5.09	42	2497	1.611	ug/l 95
30) Chloroform	5.26	83	2059	0.335	ug/l # 18
31) Cyclohexane	5.54	56	58954	11.377	ug/l 97
36) 1,1-Dichloropropene	5.63	75	24268	5.163	ug/l # 48
37) Ethyl Acetate	4.79	43	52829	11.131	ug/l 98
38) Carbon Tetrachloride	5.62	117	30593	6.646	ug/l # 17
39) Methylcyclohexane	7.44	83	42603	7.714	ug/l 95
40) Benzene	6.11	78	2110687	146.996	ug/l 100
42) 1,2-Dichloroethane	6.11	62	17355	3.538	ug/l # 73
43) Isopropyl Acetate	6.41	43	49598	6.428	ug/l # 70
48) Methyl methacrylate	7.74	41	722123	190.291	ug/l 98
49) 1,4-Dioxane	7.73	88	2136	23.236	ug/l # 1
51) 4-Methyl-2-Pentanone	8.60	43	122304	25.962	ug/l # 32
52) Toluene	8.77	92	16347025	1820.270	ug/l # 68
53) t-1,3-Dichloropropene	8.77	75	239348	44.852	ug/l # 1
54) cis-1,3-Dichloropropene	8.60	75	36039	6.216	ug/l # 61
55) 1,1,2-Trichloroethane	9.15	97	2346	0.648	ug/l # 24
56) Ethyl methacrylate	9.17	69	3443	0.629	ug/l # 14
57) 1,3-Dichloropropane	9.52	76	18339	2.968	ug/l # 45
59) 2-Hexanone	9.48	43	31040	8.500	ug/l 80
60) Dibromochloromethane	9.32	129	907	0.247	ug/l # 11
64) Tetrachloroethene	9.32	164	918	0.285	ug/l # 87
67) Ethyl Benzene	10.23	91	2514279	148.238	ug/l 100
68) m/p-Xylenes	10.34	106	3313620	518.466	ug/l 96

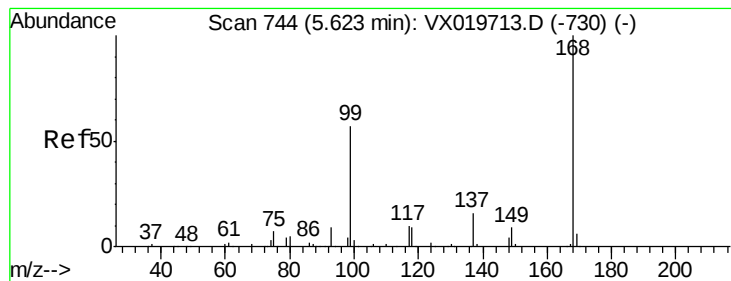
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121220\
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 Quant Title : SW846 8260
 QLast Update : Fri Dec 04 15:32:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
69) o-Xylene	10.68	106	1827959	297.326	ug/l	98
70) Styrene	10.68	104	91096	8.779	ug/l #	1
73) Isopropylbenzene	11.00	105	122212	8.167	ug/l	100
74) N-amyl acetate	10.85	43	13610	2.269	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.20	83	4559	0.864	ug/l #	44
76) 1,2,3-Trichloropropane	11.34	75	3388	0.690	ug/l #	1
78) n-propylbenzene	11.34	91	410202	24.000	ug/l	99
79) 2-Chlorotoluene	11.41	91	238234	22.634	ug/l #	42
80) 1,3,5-Trimethylbenzene	11.49	105	563897	44.649	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.12	75	110793	65.196	ug/l #	12
82) 4-Chlorotoluene	11.49	91	58722	4.764	ug/l #	45
83) tert-Butylbenzene	11.79	119	292974	23.652	ug/l #	57
84) 1,2,4-Trimethylbenzene	11.79	105	2429707	190.983	ug/l	99
85) sec-Butylbenzene	11.79	105	2429707	171.808	ug/l #	57
86) p-Isopropyltoluene	12.01	119	41669	3.215	ug/l	96
89) n-Butylbenzene	12.36	91	67053	5.839	ug/l #	23
90) Hexachloroethane	12.68	117	54907	24.538	ug/l #	9
92) 1,2-Dibromo-3-Chloropropan	13.00	75	1421	1.253	ug/l #	1
95) Naphthalene	13.82	128	1849653	127.915	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: VX019950.D

Acq: 12 Dec 2020 22:13

Instrument :

MSVOA_X

ClientSampleId :

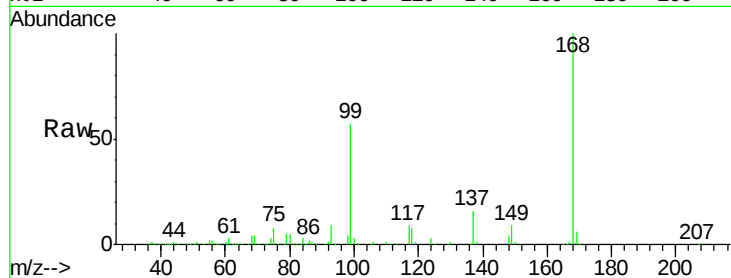
16827

Tgt Ion:168 Resp: 316967

Ion Ratio Lower Upper

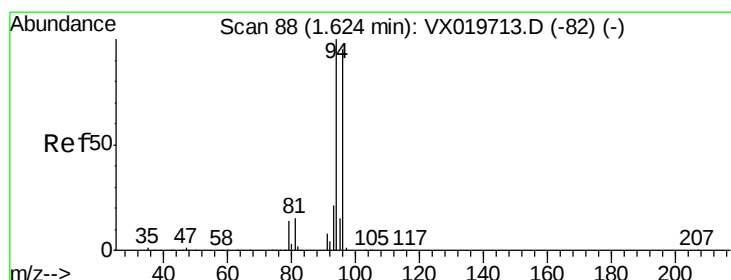
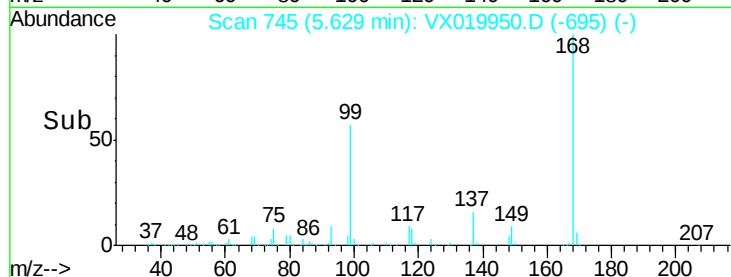
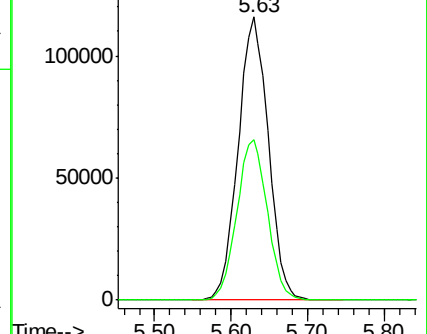
168 100

99 56.5 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#5

Bromomethane

Concen: 0.311 ug/l

RT: 1.64 min Scan# 90

Delta R.T. 0.01 min

Lab File: VX019950.D

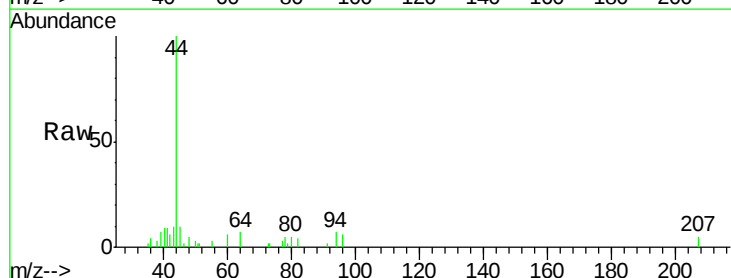
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Tgt Ion: 94 Resp: 372

Ion Ratio Lower Upper

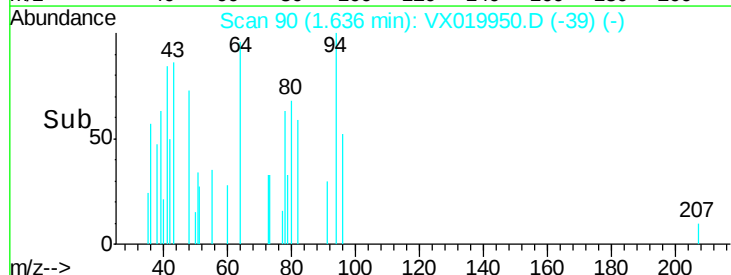
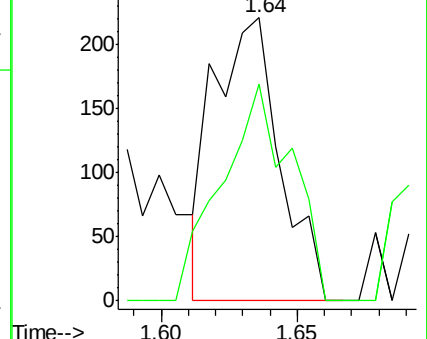
94 100

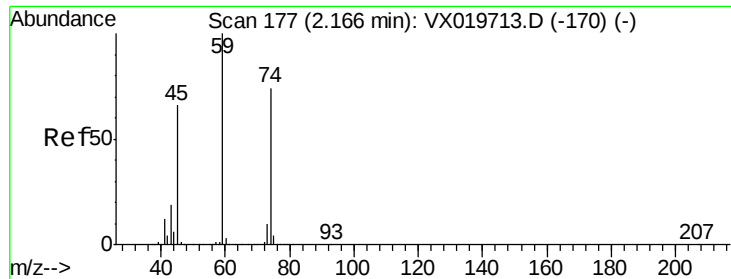
96 76.5 76.4 114.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0





#8

Diethyl Ether

Concen: 0.282 ug/l

RT: 2.17 min Scan# 177

Delta R.T. 0.00 min

Lab File: VX019950.D

Acq: 12 Dec 2020 22:13

Instrument :

MSVOA_X

ClientSampleId :

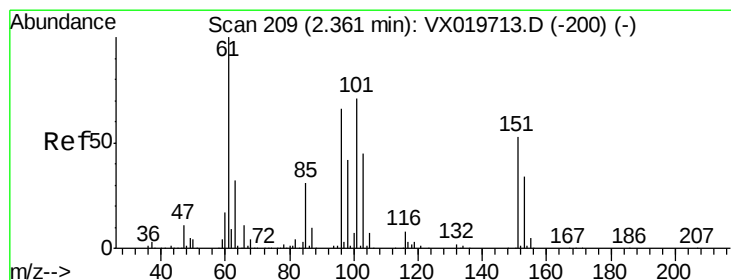
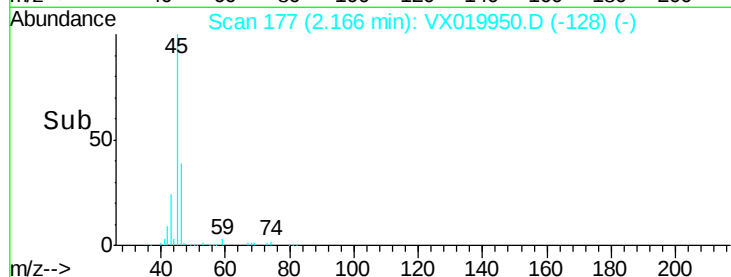
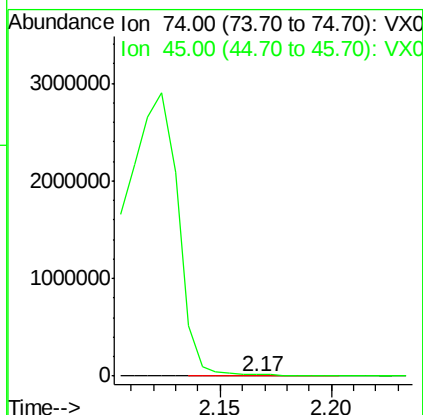
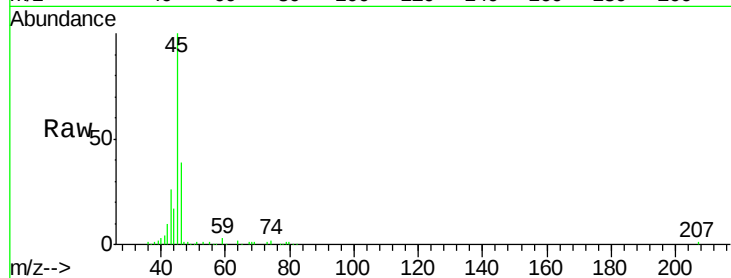
16827

Tgt Ion: 74 Resp: 599

Ion Ratio Lower Upper

74 100

45 0.0 44.5 133.5#



#9

1,1,2-Trichlorotrifluoroethane

Concen: 3.801 ug/l

RT: 2.45 min Scan# 224

Delta R.T. 0.09 min

Lab File: VX019950.D

Acq: 12 Dec 2020 22:13

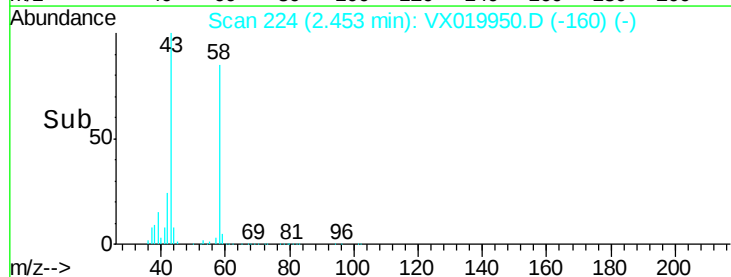
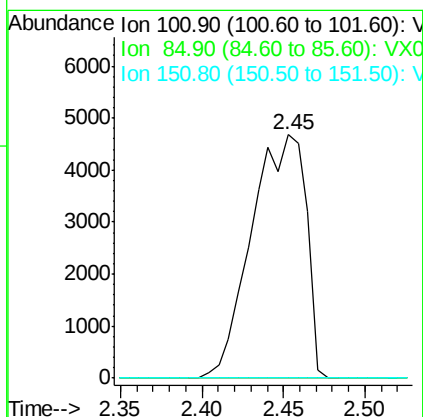
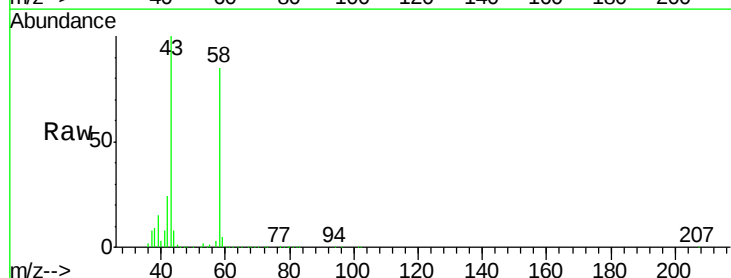
Tgt Ion: 101 Resp: 10920

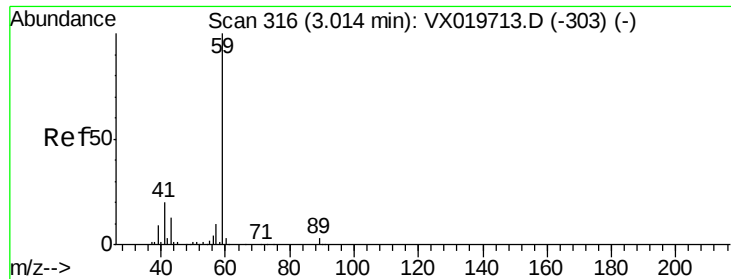
Ion Ratio Lower Upper

101 100

85 0.0 34.9 52.3#

151 0.0 61.4 92.2#

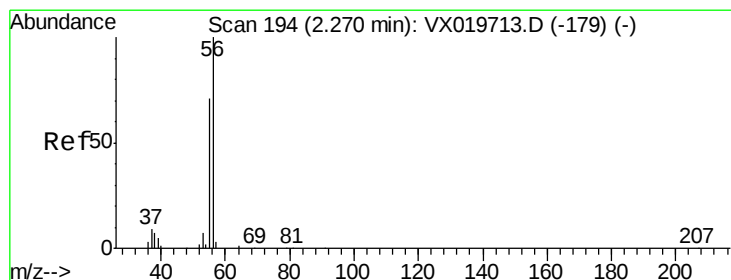
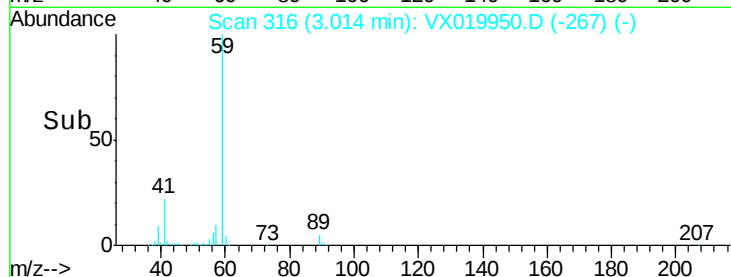
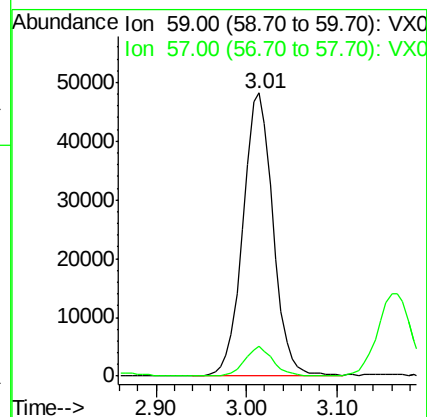
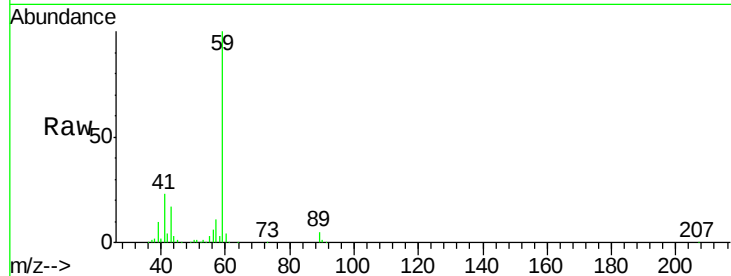




#11
Tert butyl alcohol
Concen: 127.569 ug/l
RT: 3.01 min Scan# 316
Delta R.T. 0.00 min
Lab File: VX019950.D
Acq: 12 Dec 2020 22:13

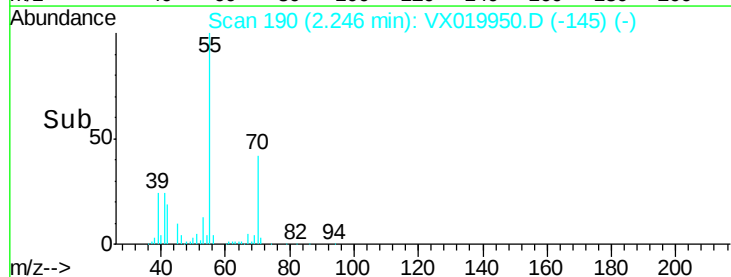
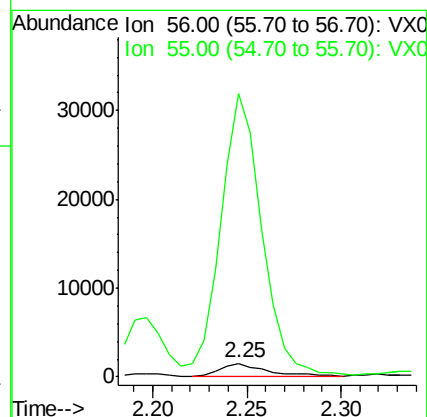
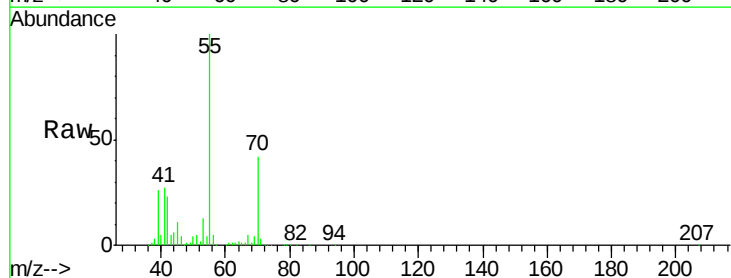
Instrument :
MSVOA_X
ClientSampled :
16827

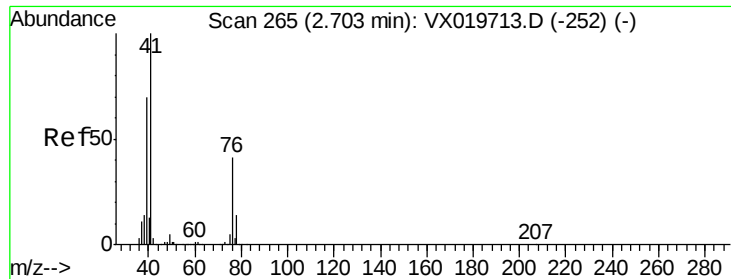
Tgt Ion: 59 Resp: 110351
Ion Ratio Lower Upper
59 100
57 9.9 7.8 11.8



#13
Acrolein
Concen: 5.243 ug/l
RT: 2.25 min Scan# 190
Delta R.T. -0.02 min
Lab File: VX019950.D
Acq: 12 Dec 2020 22:13

Tgt Ion: 56 Resp: 2411
Ion Ratio Lower Upper
56 100
55 1963.3 56.4 84.6#

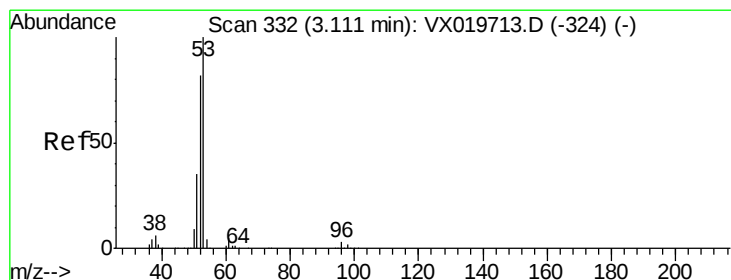
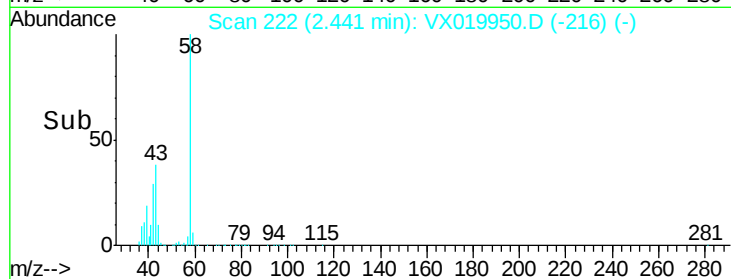
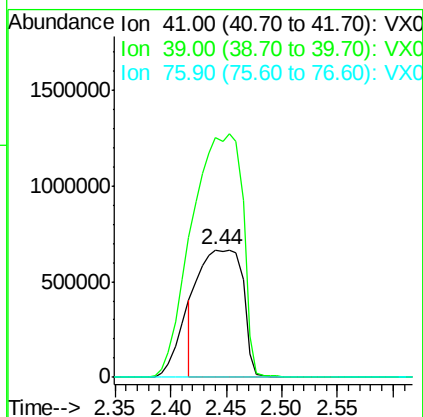
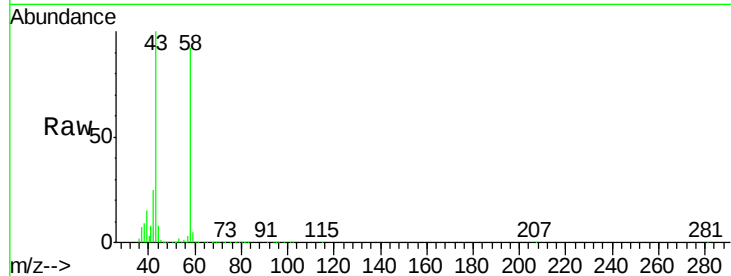




#14
 Allyl chloride
 Concen: 373.551 ug/l
 RT: 2.44 min Scan# 222
 Delta R.T. -0.26 min
 Lab File: VX019950.D
 Acq: 12 Dec 2020 22:13

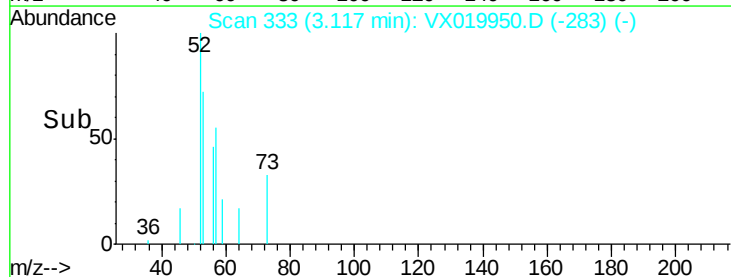
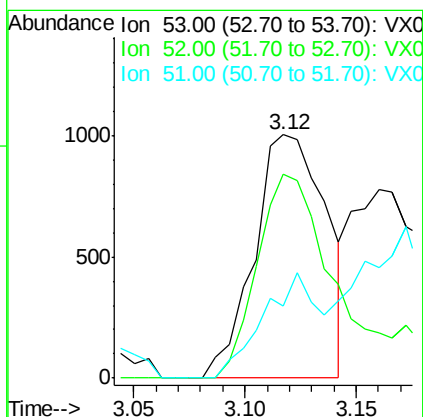
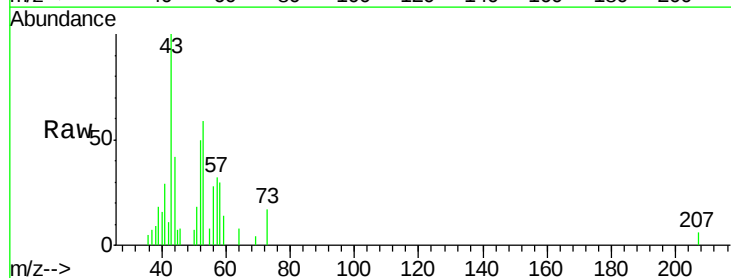
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 MSVOA_X
 ClientSampleId :
 16827

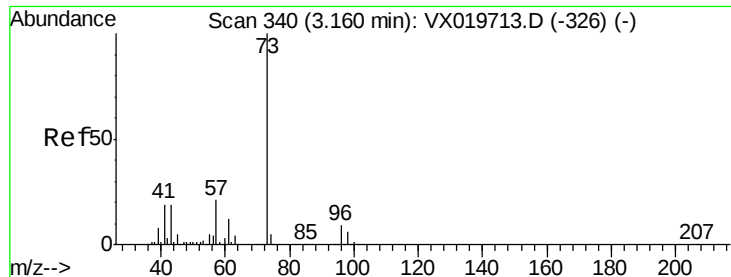
Tgt Ion: 41 Resp: 1832188
 Ion Ratio Lower Upper
 41 100
 39 186.0 51.6 77.4#
 76 0.0 30.5 45.7#



#15
 Acrylonitrile
 Concen: 1.194 ug/l
 RT: 3.12 min Scan# 333
 Delta R.T. 0.01 min
 Lab File: VX019950.D
 Acq: 12 Dec 2020 22:13

Tgt Ion: 53 Resp: 2249
 Ion Ratio Lower Upper
 53 100
 52 88.6 65.3 97.9
 51 33.0 28.2 42.2



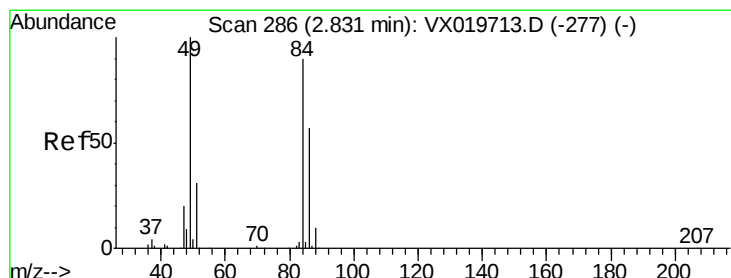
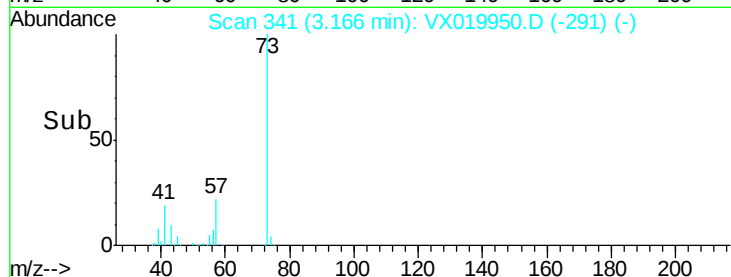
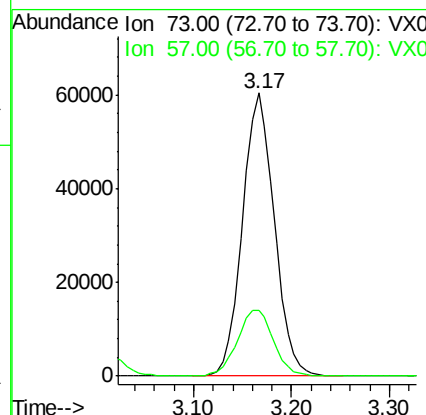
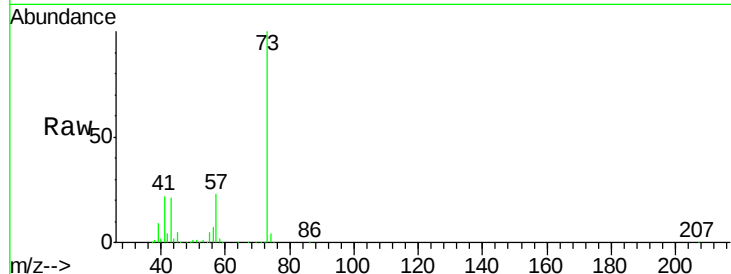


#19

Methyl tert-butyl Ether
Concen: 12.911 ug/l
RT: 3.17 min Scan# 341
Delta R.T. 0.01 min
Lab File: VX019950.D
Acq: 12 Dec 2020 22:13

Instrument :
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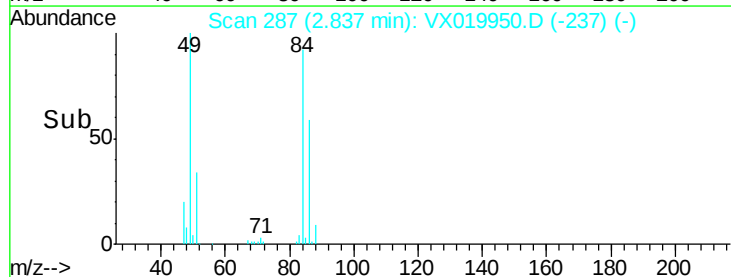
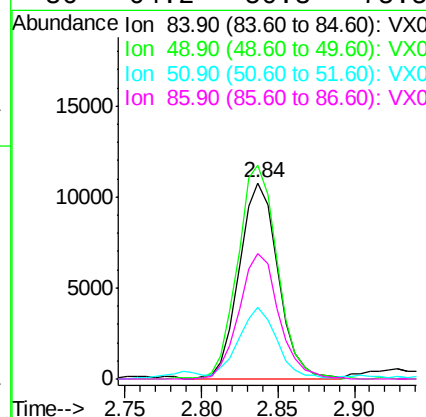
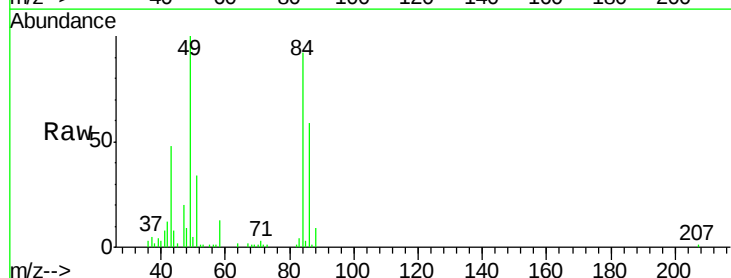
Tgt Ion: 73 Resp: 136552
Ion Ratio Lower Upper
73 100
57 23.3 17.1 25.7

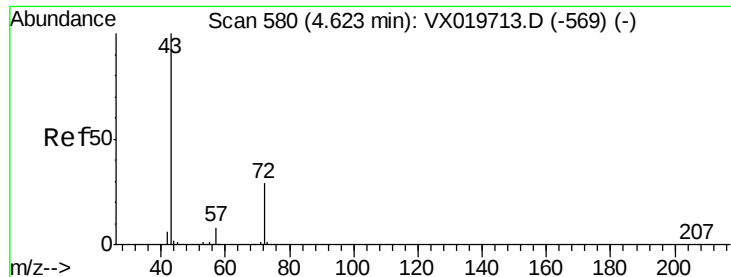


#20

Methylene Chloride
Concen: 4.032 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.01 min
Lab File: VX019950.D
Acq: 12 Dec 2020 22:13

Tgt Ion: 84 Resp: 19088
Ion Ratio Lower Upper
84 100
49 109.0 88.6 132.8
51 35.3 27.0 40.6
86 64.2 50.3 75.5





#25

2-Butanone

Concen: 44.082 ug/l

RT: 4.64 min Scan# 582

Delta R.T. 0.01 min

Lab File: VX019950.D

Acq: 12 Dec 2020 22:13

Instrument :

MSVOA_X

ClientSampled :

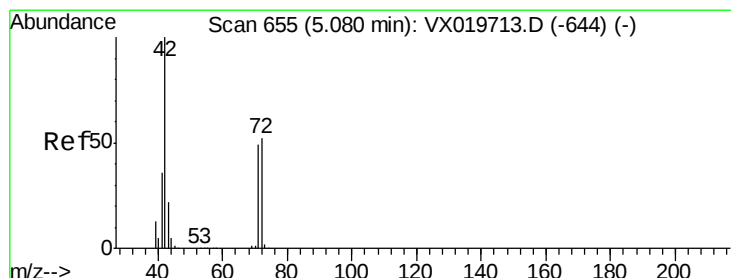
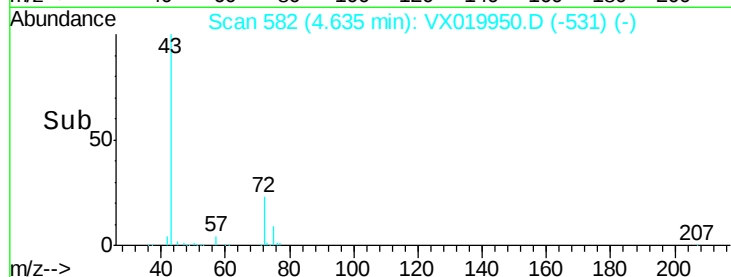
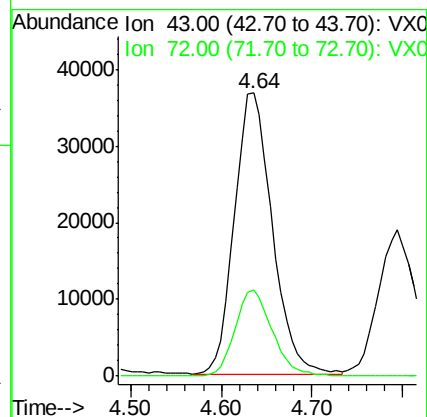
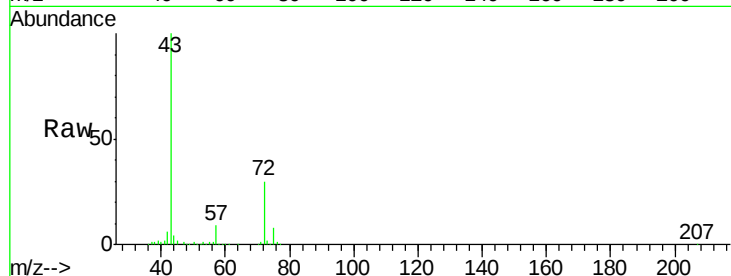
16827

Tgt Ion: 43 Resp: 106065

Ion Ratio Lower Upper

43 100

72 30.7 23.7 35.5



#29

Tetrahydrofuran

Concen: 1.611 ug/l

RT: 5.09 min Scan# 657

Delta R.T. 0.01 min

Lab File: VX019950.D

Acq: 12 Dec 2020 22:13

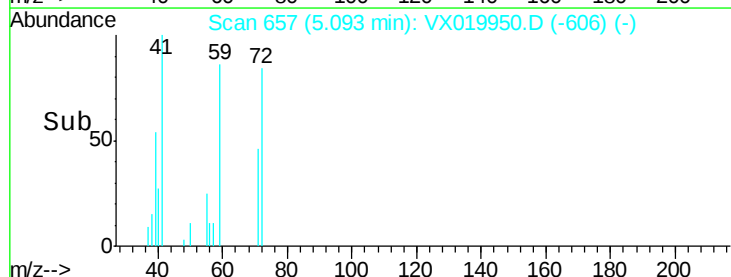
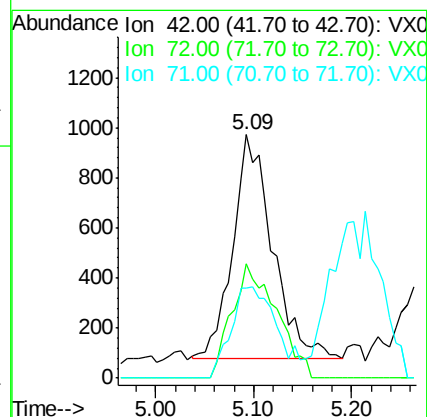
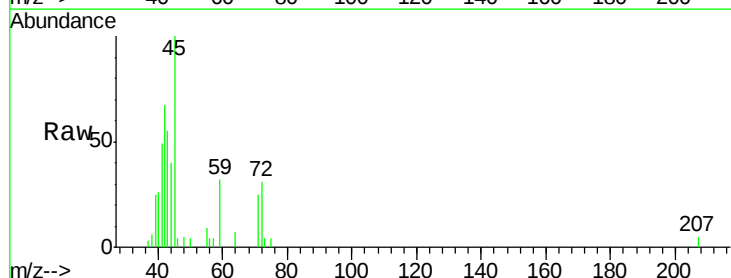
Tgt Ion: 42 Resp: 2497

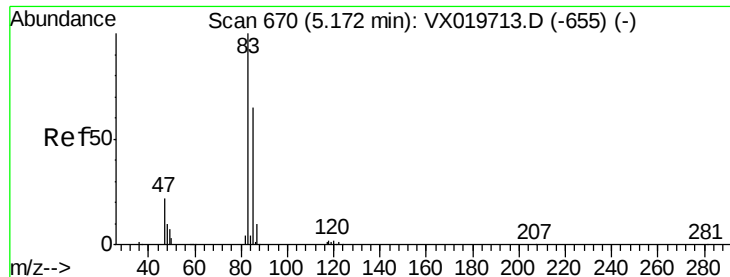
Ion Ratio Lower Upper

42 100

72 57.6 41.7 62.5

71 47.4 38.4 57.6

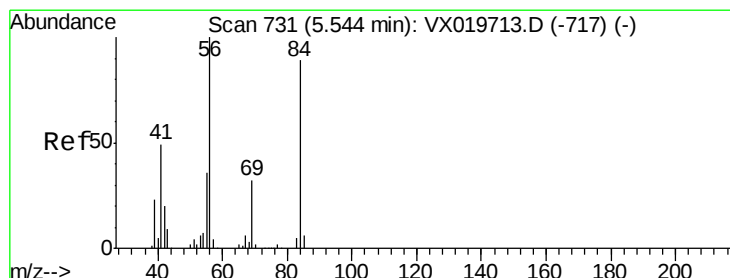
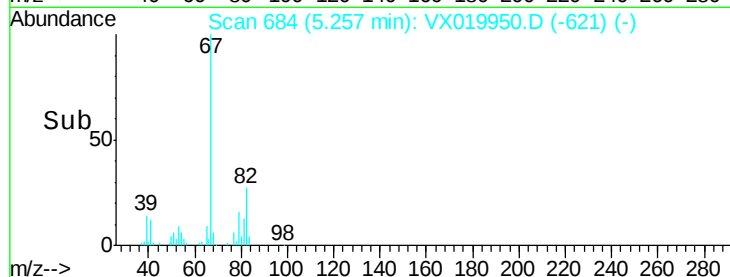
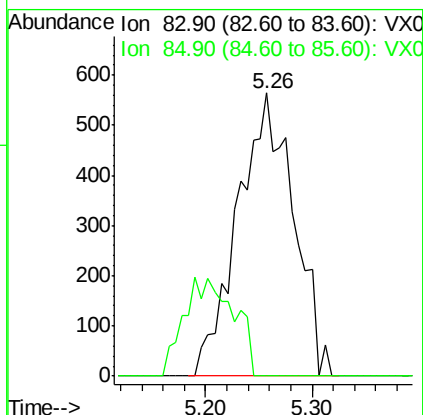
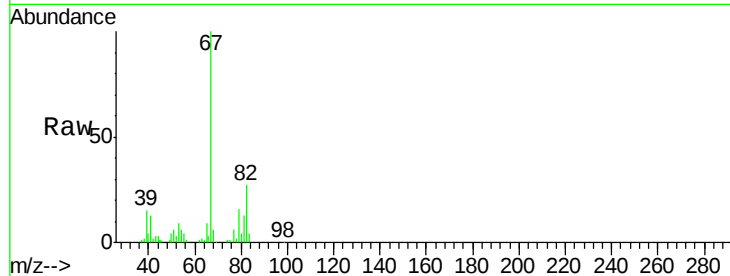




#30
Chloroform
Concen: 0.335 ug/l
RT: 5.26 min Scan# 684
Delta R.T. 0.09 min
Lab File: VX019950.D
Acq: 12 Dec 2020 22:13

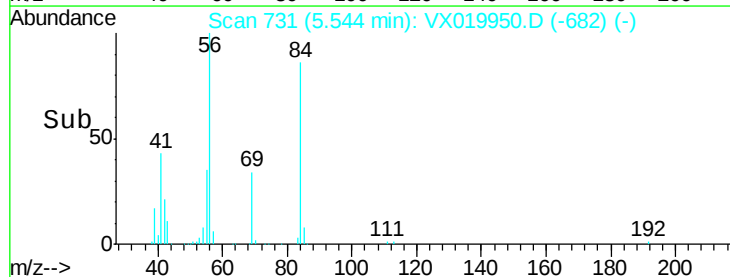
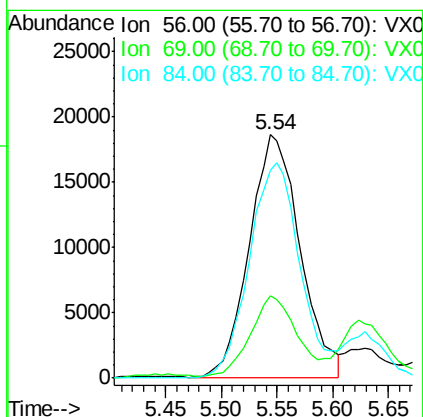
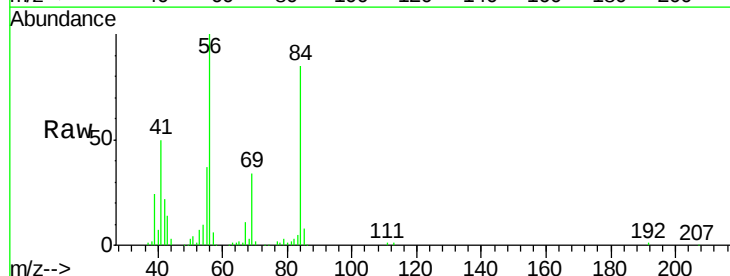
Instrument :
MSVOA_X
ClientSampled :
16827

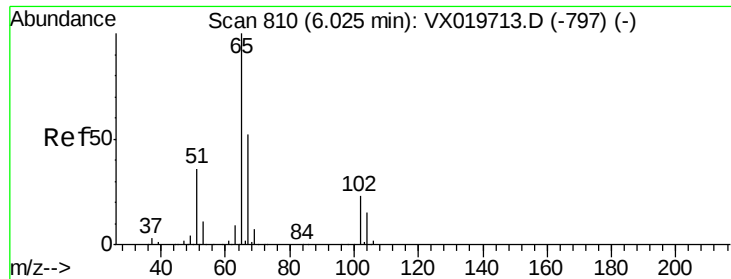
Tgt Ion: 83 Resp: 2059
Ion Ratio Lower Upper
83 100
85 0.0 52.0 78.0#



#31
Cyclohexane
Concen: 11.377 ug/l
RT: 5.54 min Scan# 731
Delta R.T. 0.00 min
Lab File: VX019950.D
Acq: 12 Dec 2020 22:13

Tgt Ion: 56 Resp: 58954
Ion Ratio Lower Upper
56 100
69 32.7 25.3 37.9
84 85.5 71.4 107.0





#33

1,2-Dichloroethane-d4

Concen: 46.771 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.01 min

Lab File: VX019950.D

Acq: 12 Dec 2020 22:13

Instrument :

MSVOA_X

ClientSampleId :

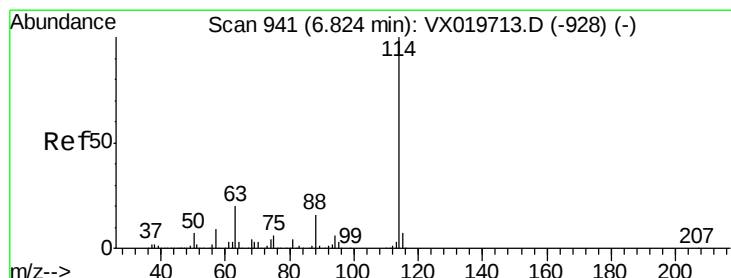
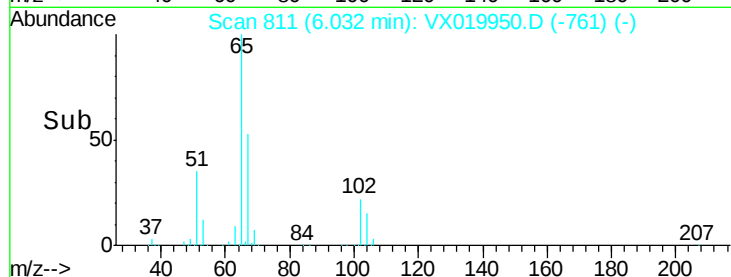
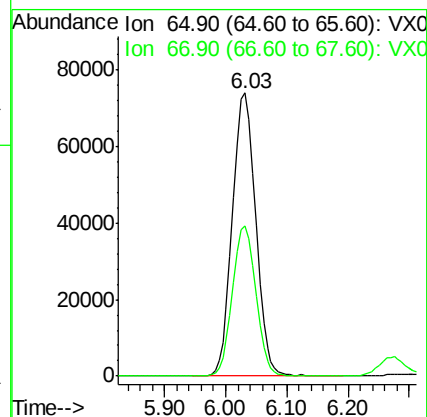
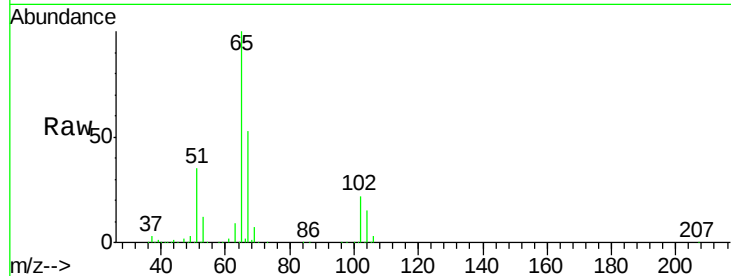
16827

Tgt Ion: 65 Resp: 194842

Ion Ratio Lower Upper

65 100

67 53.2 0.0 105.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.01 min

Lab File: VX019950.D

Acq: 12 Dec 2020 22:13

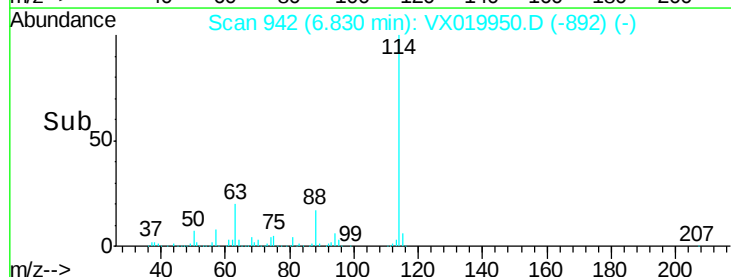
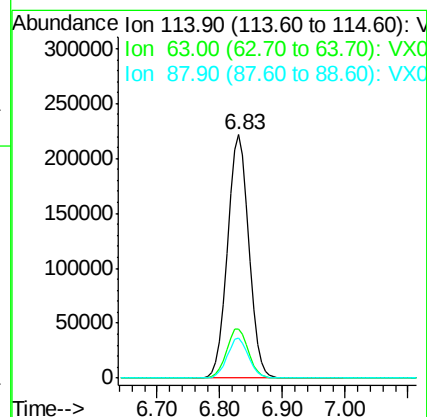
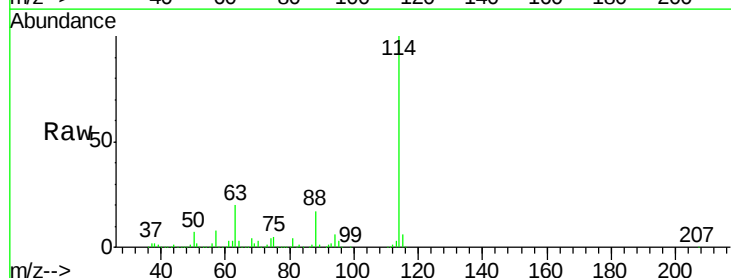
Tgt Ion: 114 Resp: 520183

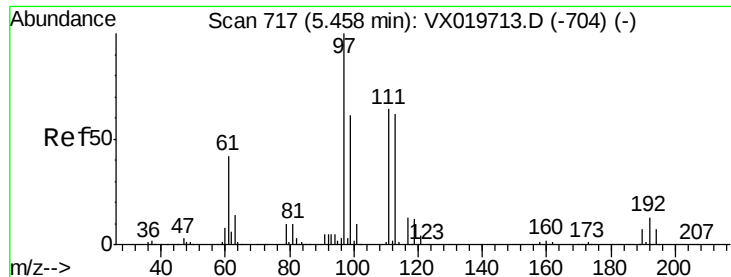
Ion Ratio Lower Upper

114 100

63 20.2 0.0 40.8

88 16.6 0.0 32.8

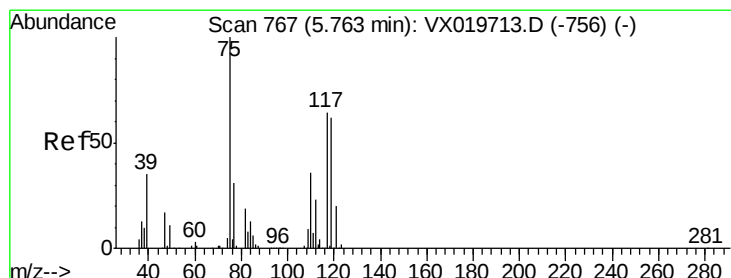
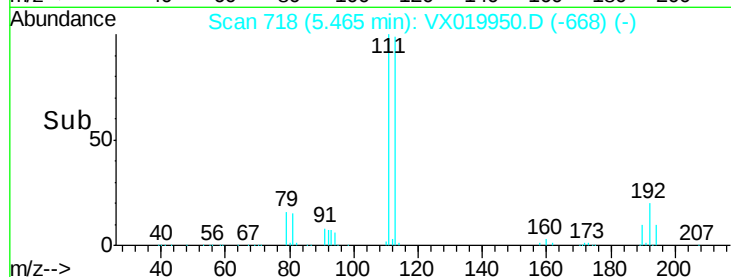
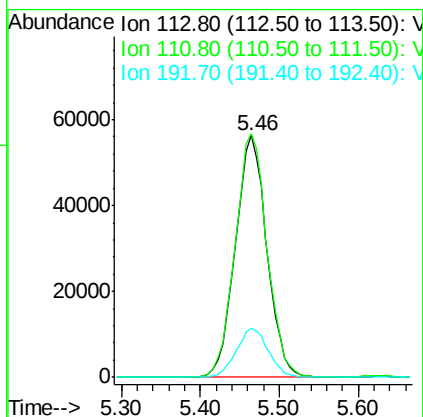
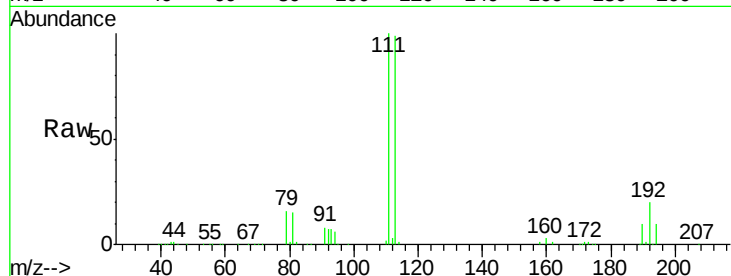




#35
 Dibromofluoromethane
 Concen: 46.487 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. 0.01 min
 Lab File: VX019950.D
 Acq: 12 Dec 2020 22:13

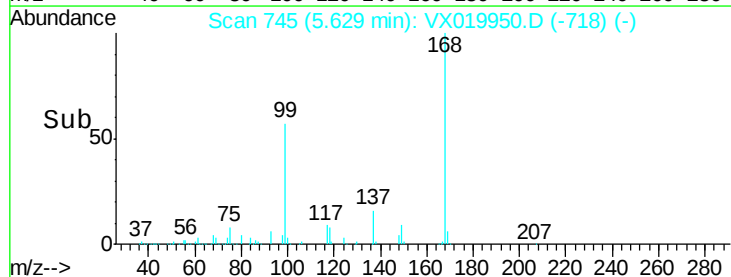
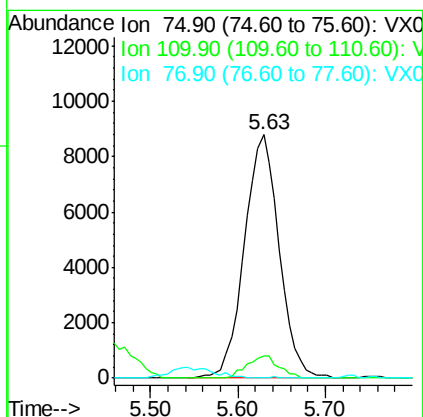
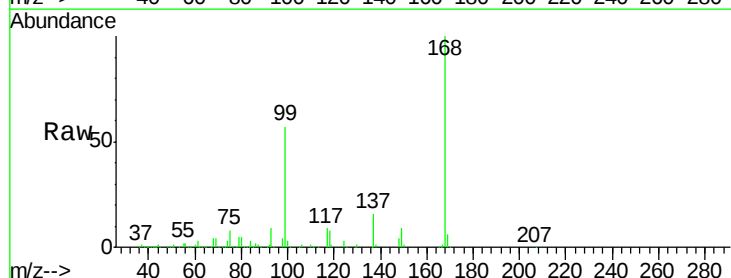
Instrument :
 MSVOA_X
 ClientSampleId :
 16827

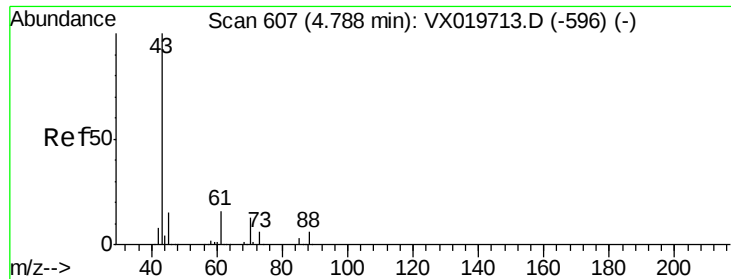
Tgt Ion:113 Resp: 156282
 Ion Ratio Lower Upper
 113 100
 111 102.2 81.9 122.9
 192 20.6 16.7 25.1



#36
 1,1-Dichloropropene
 Concen: 5.163 ug/l
 RT: 5.63 min Scan# 745
 Delta R.T. -0.13 min
 Lab File: VX019950.D
 Acq: 12 Dec 2020 22:13

Tgt Ion: 75 Resp: 24268
 Ion Ratio Lower Upper
 75 100
 110 8.4 18.1 54.4#
 77 0.0 25.3 37.9#

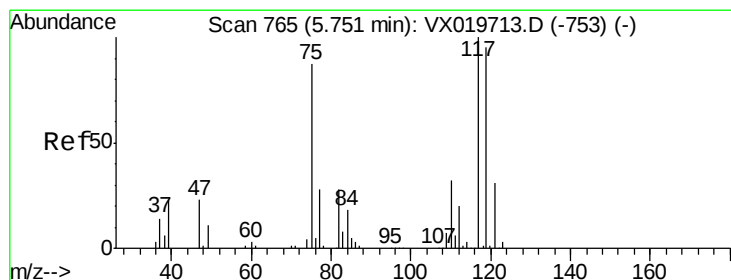
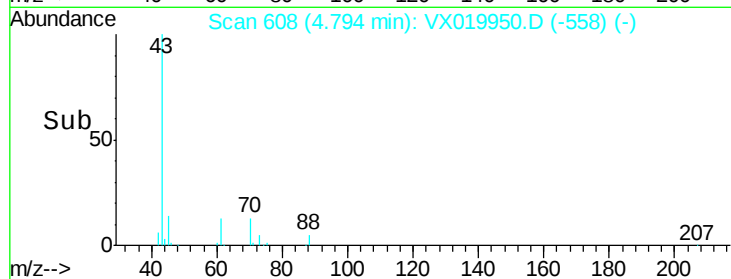
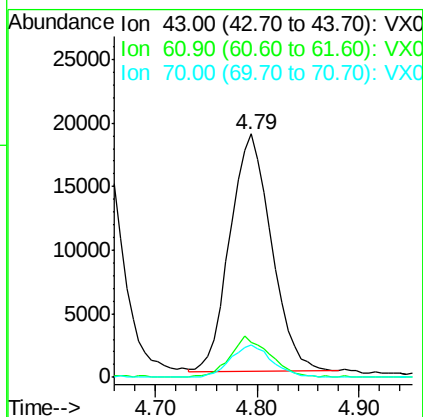
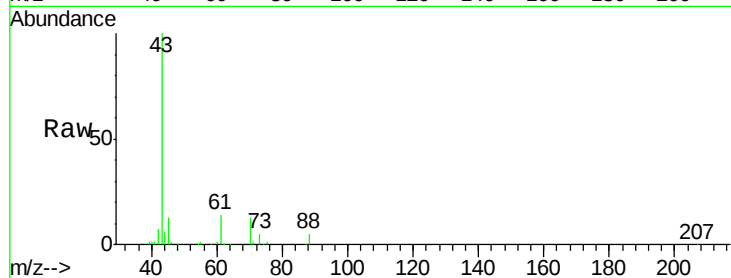




#37
Ethyl Acetate
Concen: 11.131 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.01 min
Lab File: VX019950.D
Acq: 12 Dec 2020 22:13

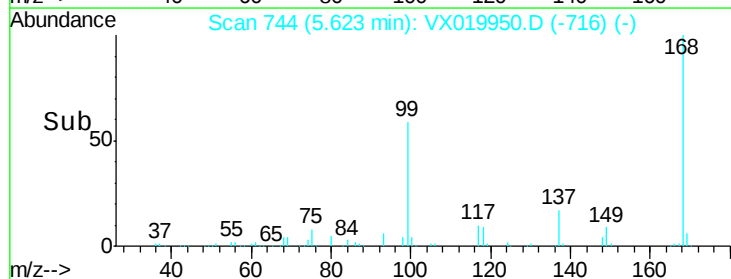
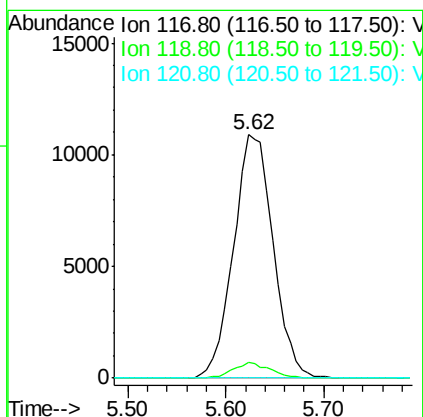
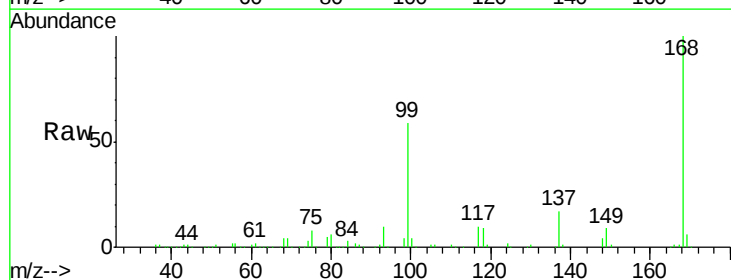
Instrument :
MSVOA_X
ClientSampleId :
16827

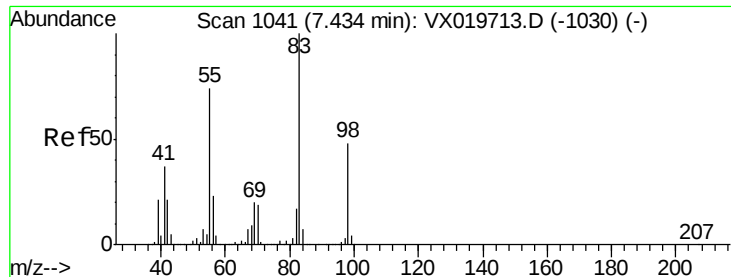
Tgt Ion: 43 Resp: 52829
Ion Ratio Lower Upper
43 100
61 16.8 12.8 19.2
70 13.7 10.5 15.7



#38
Carbon Tetrachloride
Concen: 6.646 ug/l
RT: 5.62 min Scan# 744
Delta R.T. -0.13 min
Lab File: VX019950.D
Acq: 12 Dec 2020 22:13

Tgt Ion: 117 Resp: 30593
Ion Ratio Lower Upper
117 100
119 6.4 76.2 114.2#
121 0.0 24.8 37.2#

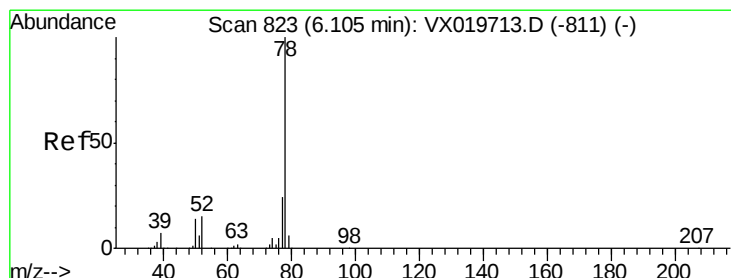
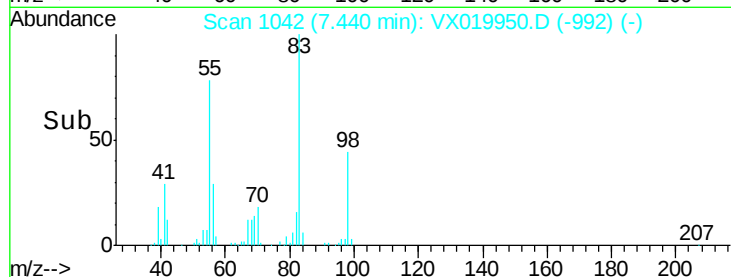
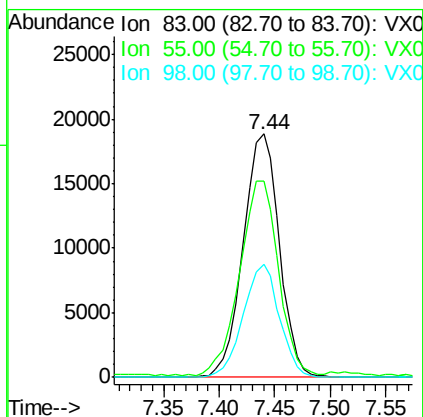
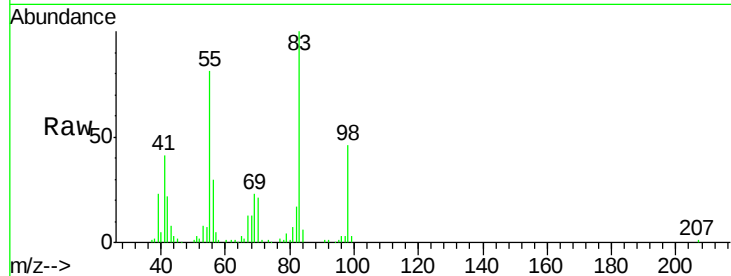




#39
Methylcyclohexane
Concen: 7.714 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.01 min
Lab File: VX019950.D
Acq: 12 Dec 2020 22:13

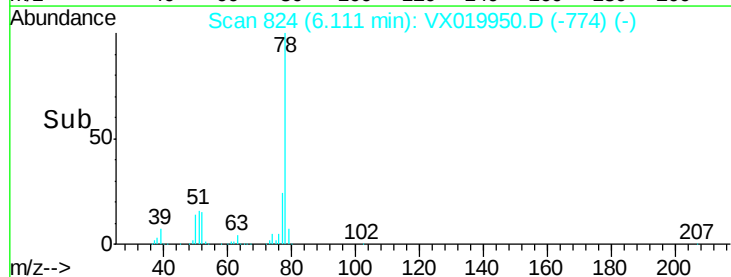
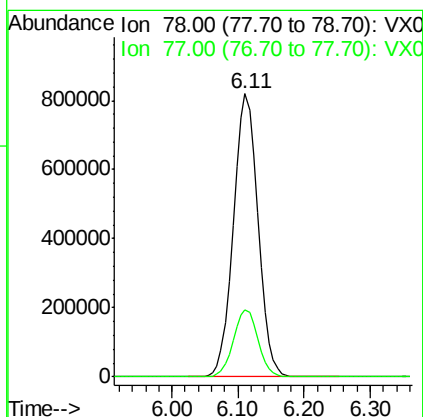
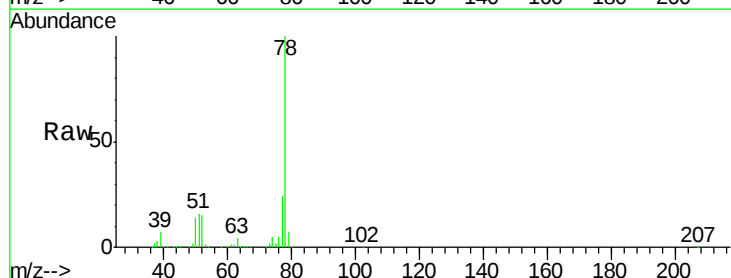
Instrument :
MSVOA_X
ClientSampleId :
16827

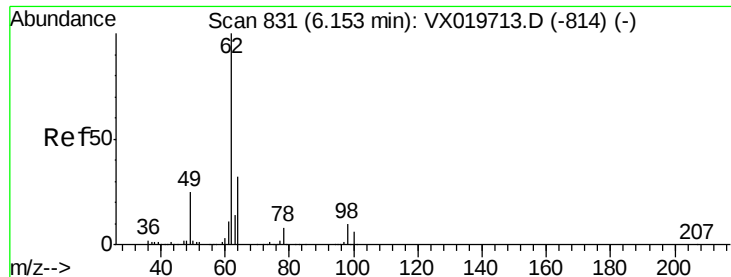
Tgt Ion: 83 Resp: 42603
Ion Ratio Lower Upper
83 100
55 79.5 58.9 88.3
98 46.4 38.1 57.1



#40
Benzene
Concen: 146.996 ug/l
RT: 6.11 min Scan# 824
Delta R.T. 0.01 min
Lab File: VX019950.D
Acq: 12 Dec 2020 22:13

Tgt Ion: 78 Resp: 2110687
Ion Ratio Lower Upper
78 100
77 23.6 18.9 28.3





#42

1,2-Dichloroethane

Concen: 3.538 ug/l

RT: 6.11 min Scan# 824

Delta R.T. -0.04 min

Lab File: VX019950.D

Acq: 12 Dec 2020 22:13

Instrument :

MSVOA_X

ClientSampleId :

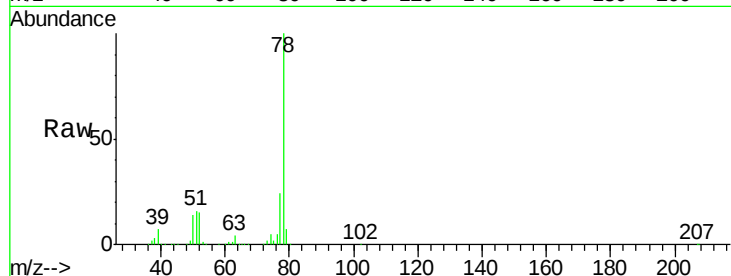
16827

Tgt Ion: 62 Resp: 17355

Ion Ratio Lower Upper

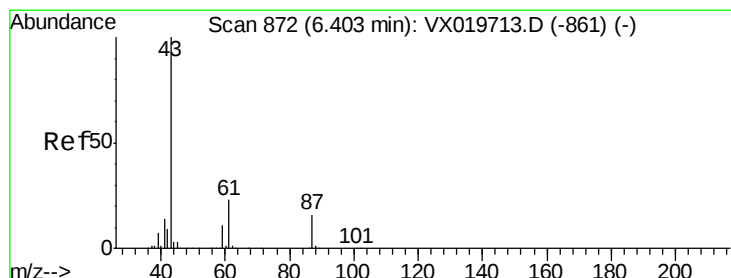
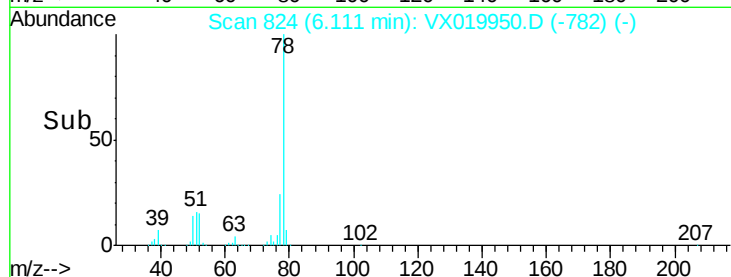
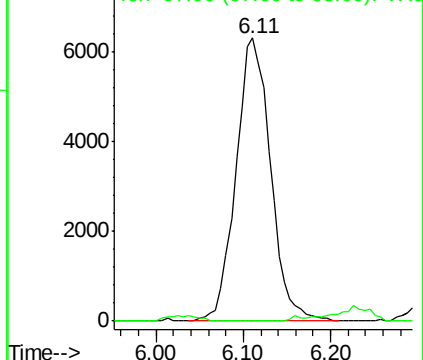
62 100

98 0.0 0.0 20.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#43

Isopropyl Acetate

Concen: 6.428 ug/l

RT: 6.41 min Scan# 873

Delta R.T. 0.01 min

Lab File: VX019950.D

Acq: 12 Dec 2020 22:13

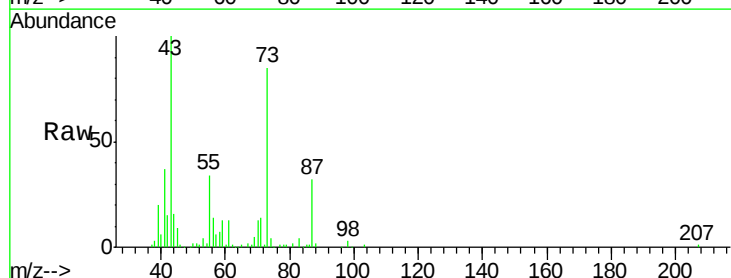
Tgt Ion: 43 Resp: 49598

Ion Ratio Lower Upper

43 100

61 12.6 18.2 27.4#

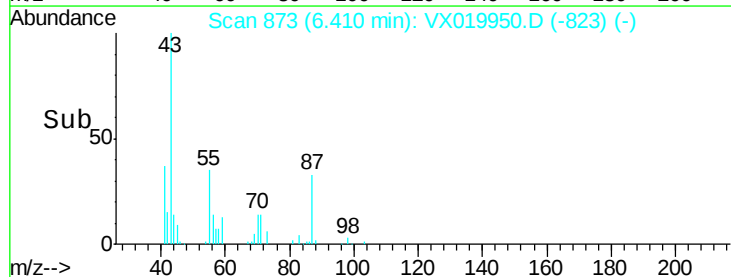
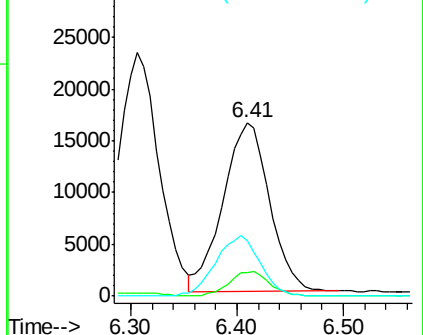
87 34.3 12.5 18.7#

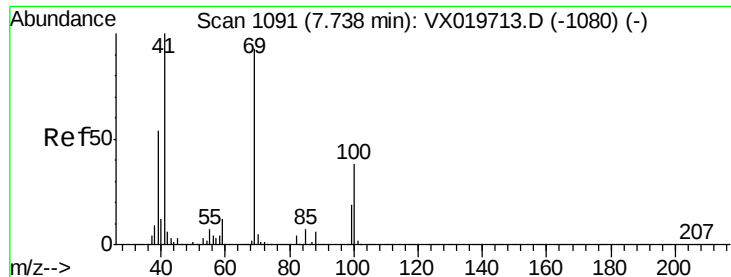


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

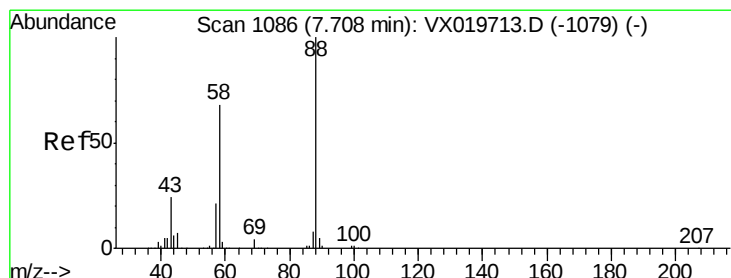
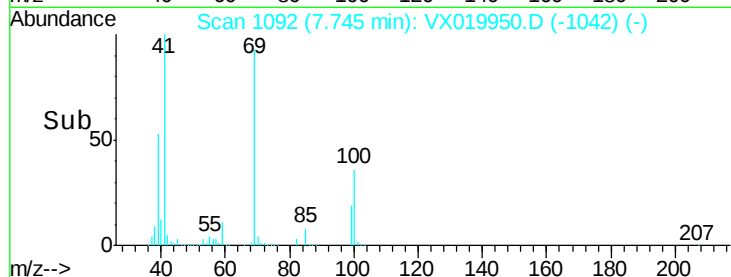
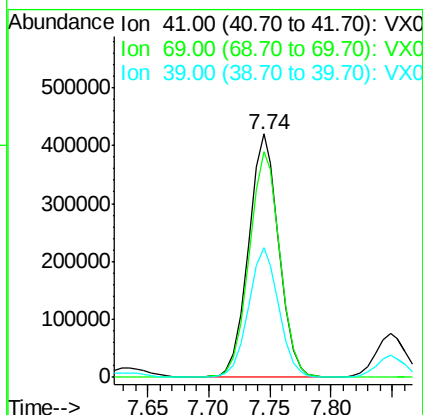
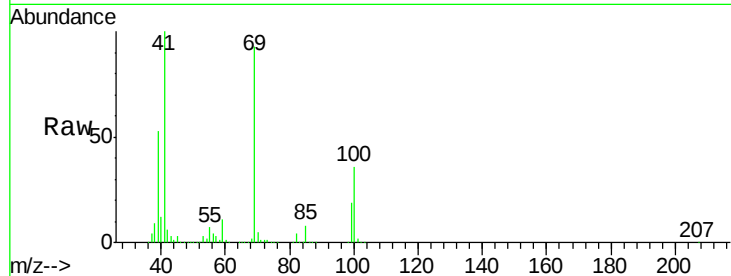




#48
Methyl methacrylate
Concen: 190.291 ug/l
RT: 7.74 min Scan# 1092
Delta R.T. 0.01 min
Lab File: VX019950.D
Acq: 12 Dec 2020 22:13

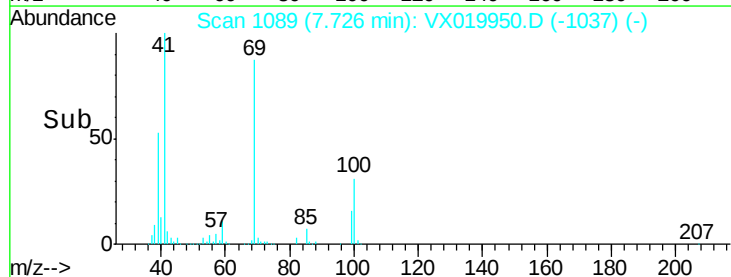
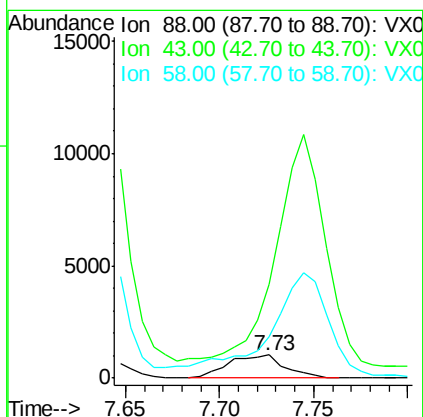
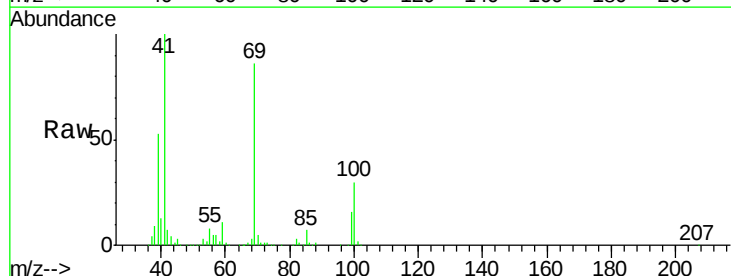
Instrument :
MSVOA_X
ClientSampled :
16827

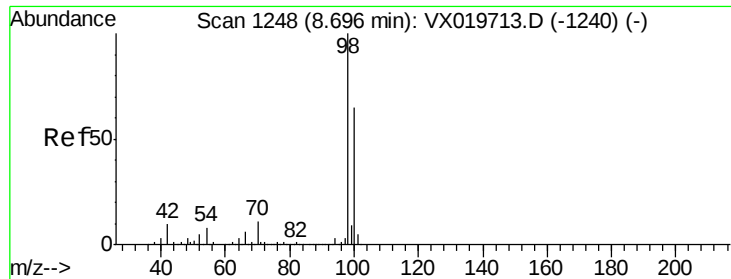
Tgt Ion: 41 Resp: 722123
Ion Ratio Lower Upper
41 100
69 94.6 76.0 114.0
39 52.8 44.6 67.0



#49
1,4-Dioxane
Concen: 23.236 ug/l
RT: 7.73 min Scan# 1089
Delta R.T. 0.02 min
Lab File: VX019950.D
Acq: 12 Dec 2020 22:13

Tgt Ion: 88 Resp: 2136
Ion Ratio Lower Upper
88 100
43 0.0 23.2 34.8#
58 493.0 55.0 82.4#

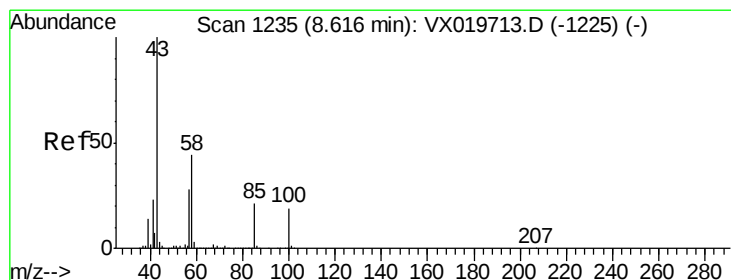
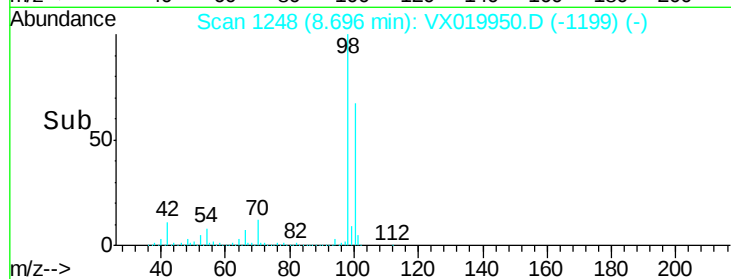
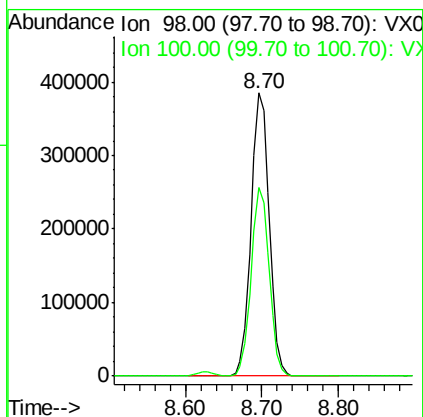
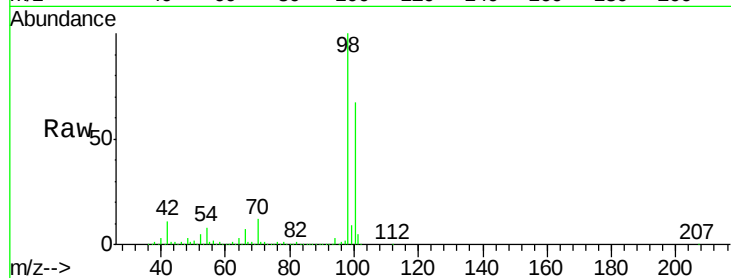




#50
Toluene-d8
Concen: 49.676 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX019950.D
Acq: 12 Dec 2020 22:13

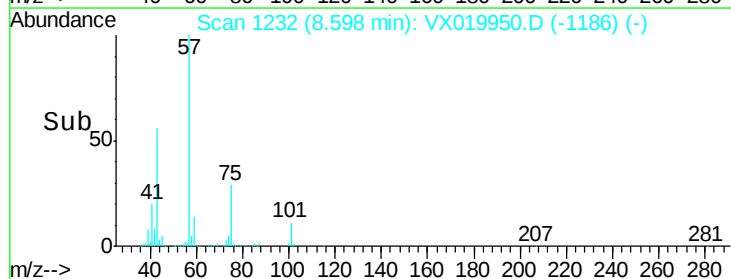
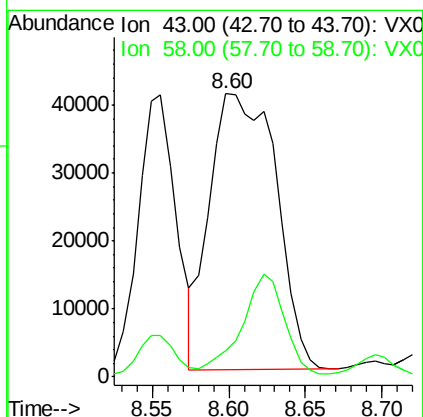
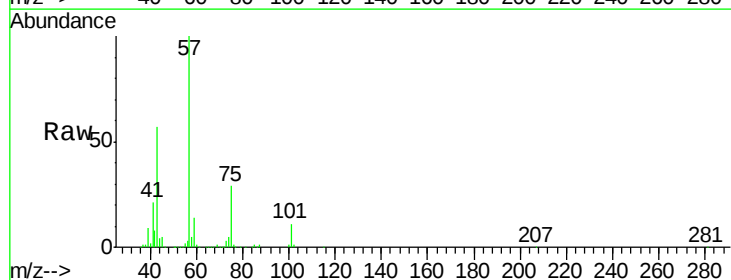
Instrument :
MSVOA_X
ClientSampleId :
16827

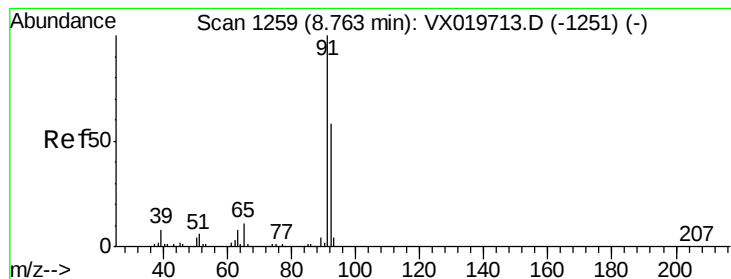
Tgt Ion: 98 Resp: 637576
Ion Ratio Lower Upper
98 100
100 66.0 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 25.962 ug/l
RT: 8.60 min Scan# 1232
Delta R.T. -0.02 min
Lab File: VX019950.D
Acq: 12 Dec 2020 22:13

Tgt Ion: 43 Resp: 122304
Ion Ratio Lower Upper
43 100
58 0.0 35.4 53.0#





#52

Toluene

Concen: 1820.270 ug/l

RT: 8.77 min Scan# 1261

Delta R.T. 0.01 min

Lab File: VX019950.D

Acq: 12 Dec 2020 22:13

Instrument :

MSVOA_X

ClientSampleId :

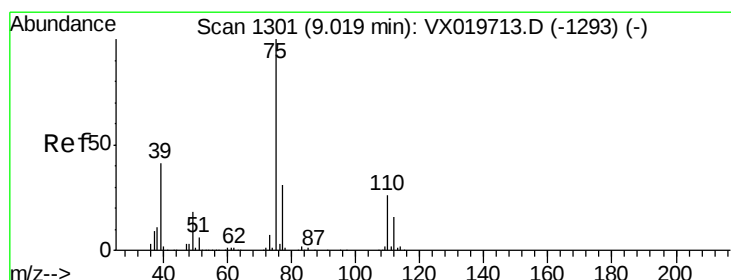
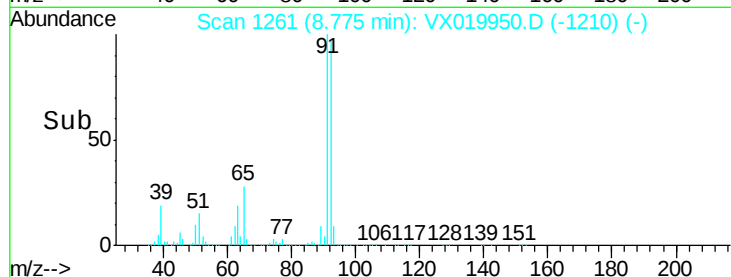
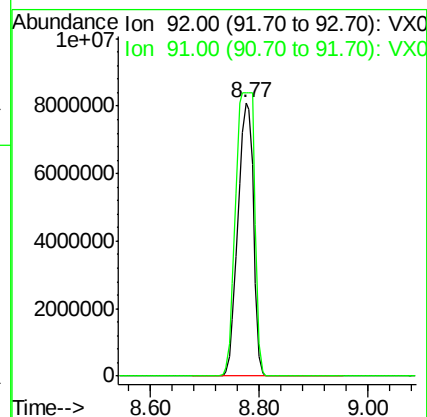
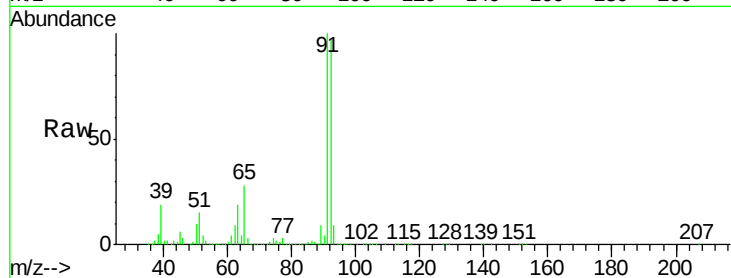
16827

Tgt Ion: 92 Resp:16347025

Ion Ratio Lower Upper

92 100

91 127.1 137.1 205.7#



#53

t-1,3-Dichloropropene

Concen: 44.852 ug/l

RT: 8.77 min Scan# 1261

Delta R.T. -0.24 min

Lab File: VX019950.D

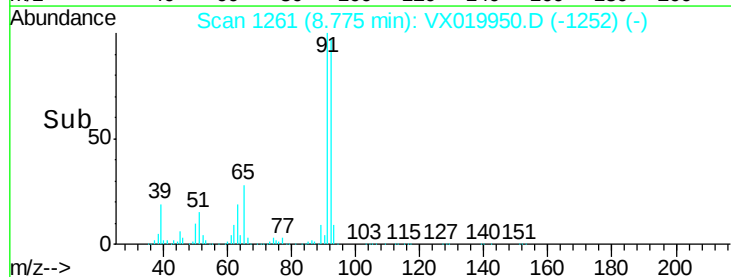
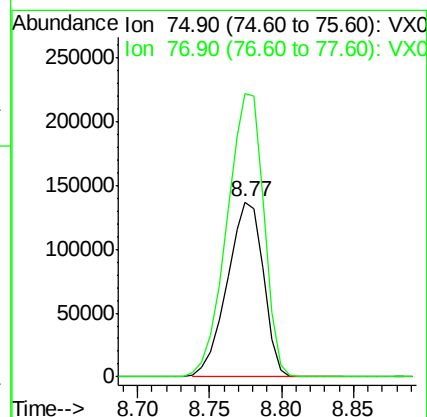
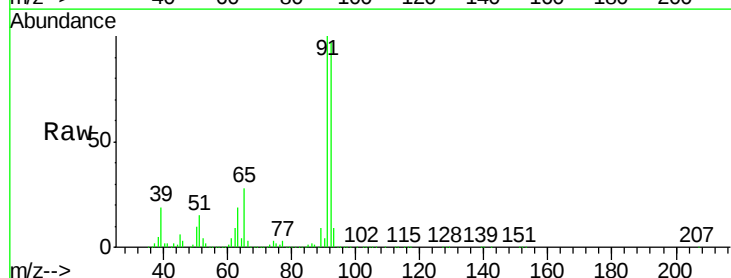
Acq: 12 Dec 2020 22:13

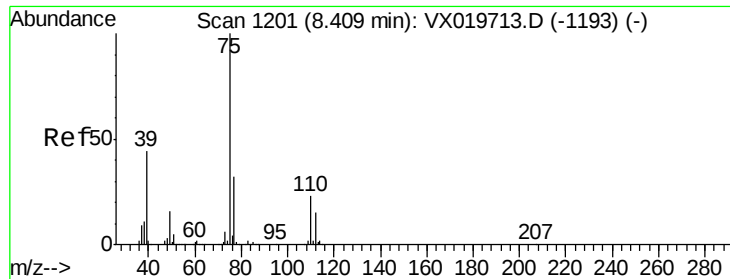
Tgt Ion: 75 Resp: 239348

Ion Ratio Lower Upper

75 100

77 162.1 24.9 37.3#



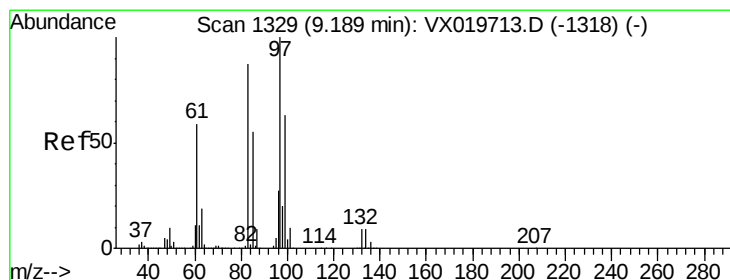
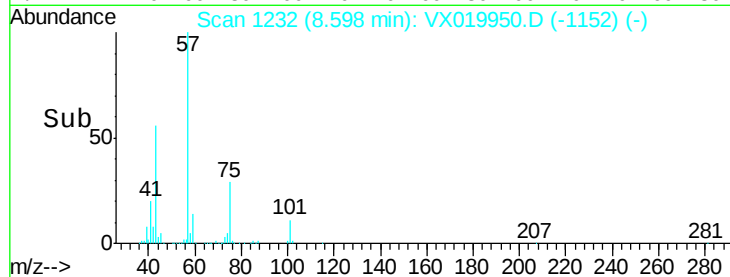
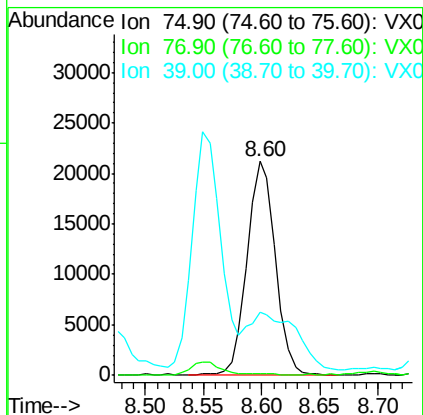
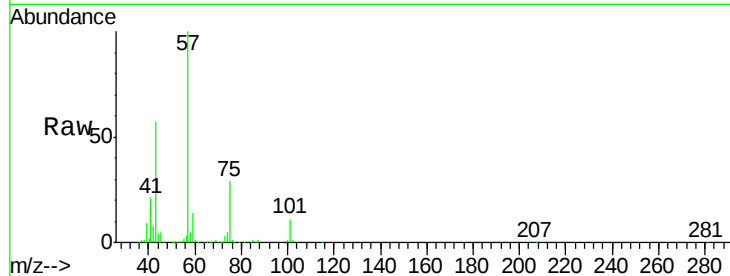


#54

cis-1,3-Dichloropropene
 Concen: 6.216 ug/l
 RT: 8.60 min Scan# 1232
 Delta R.T. 0.19 min
 Lab File: VX019950.D
 Acq: 12 Dec 2020 22:13

Instrument :
 MSVOA_X
 ClientSampleId :
 16827

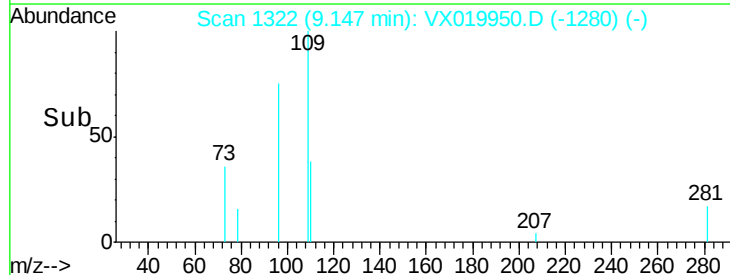
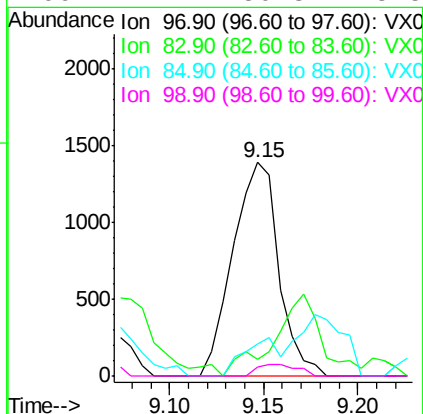
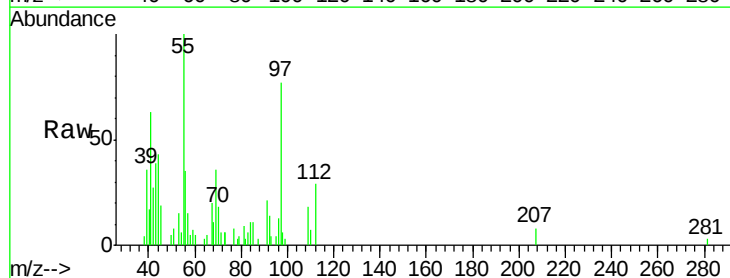
Tgt Ion: 75 Resp: 36039
 Ion Ratio Lower Upper
 75 100
 77 0.7 25.7 38.5#
 39 27.2 35.1 52.7#

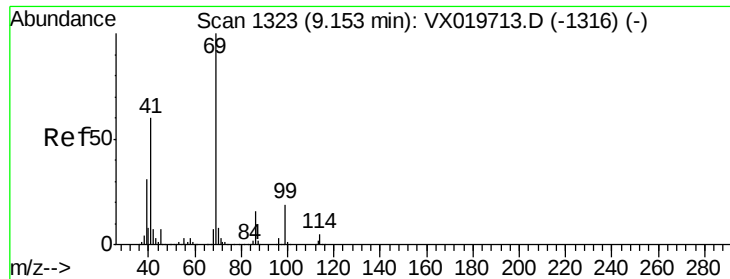


#55

1,1,2-Trichloroethane
 Concen: 0.648 ug/l
 RT: 9.15 min Scan# 1322
 Delta R.T. -0.04 min
 Lab File: VX019950.D
 Acq: 12 Dec 2020 22:13

Tgt Ion: 97 Resp: 2346
 Ion Ratio Lower Upper
 97 100
 83 4.0 69.3 103.9#
 85 14.9 44.3 66.5#
 99 4.2 50.3 75.5#





#56

Ethyl methacrylate

Concen: 0.629 ug/l

RT: 9.17 min Scan# 1326

Delta R.T. 0.02 min

Lab File: VX019950.D

Acq: 12 Dec 2020 22:13

Instrument :

MSVOA_X

ClientSampleId :

16827

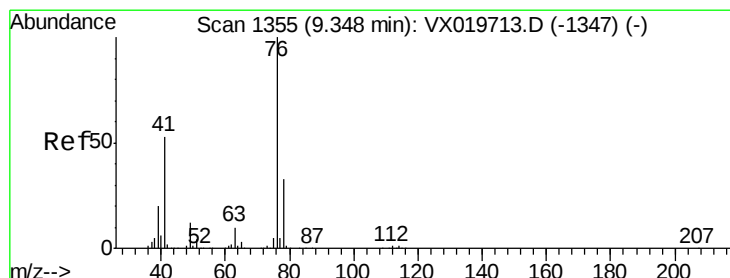
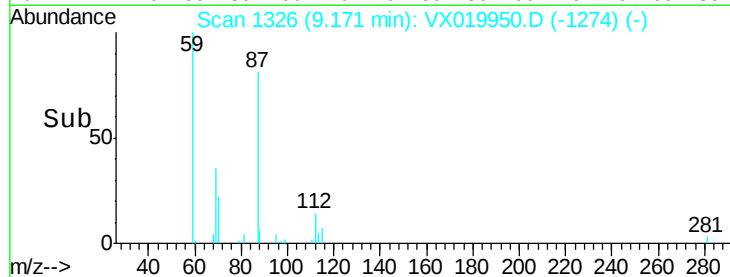
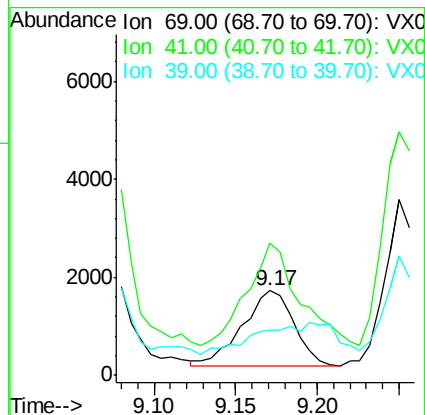
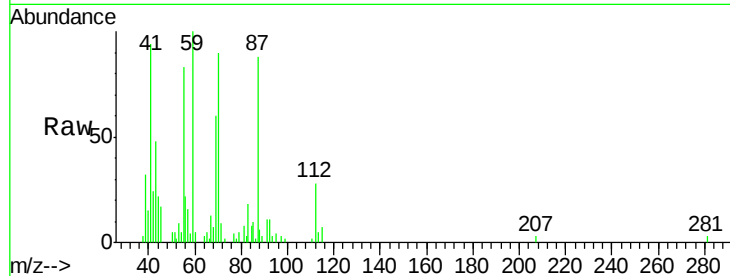
Tgt Ion: 69 Resp: 3443

Ion Ratio Lower Upper

69 100

41 134.1 46.8 70.2#

39 0.0 24.7 37.1#



#57

1,3-Dichloropropane

Concen: 2.968 ug/l

RT: 9.52 min Scan# 1384

Delta R.T. 0.18 min

Lab File: VX019950.D

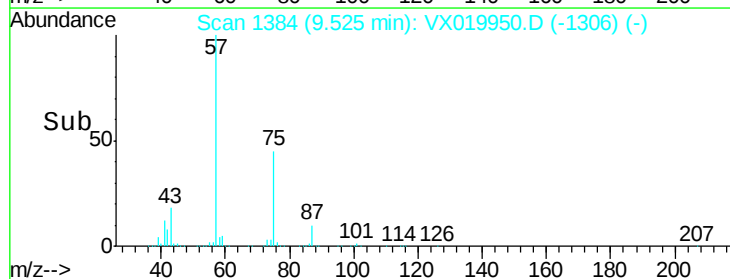
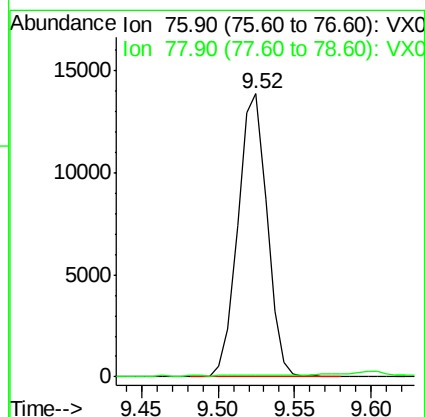
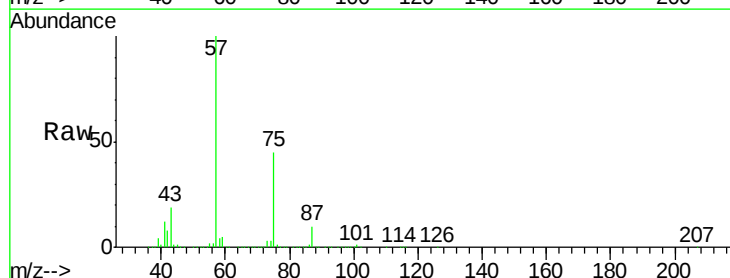
Acq: 12 Dec 2020 22:13

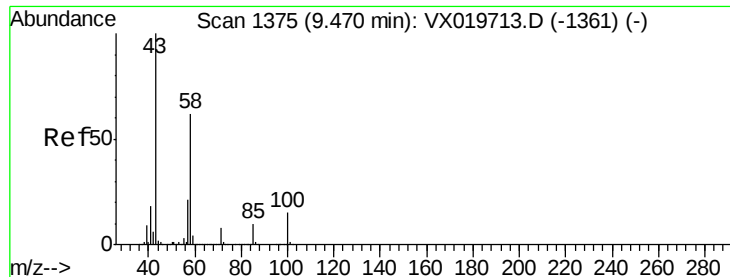
Tgt Ion: 76 Resp: 18339

Ion Ratio Lower Upper

76 100

78 1.6 26.2 39.2#

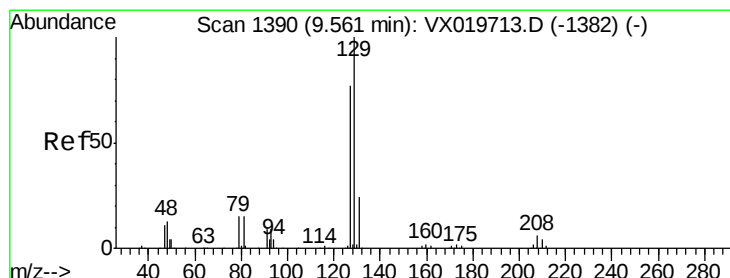
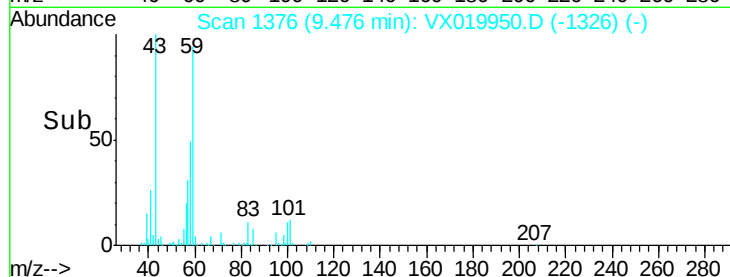
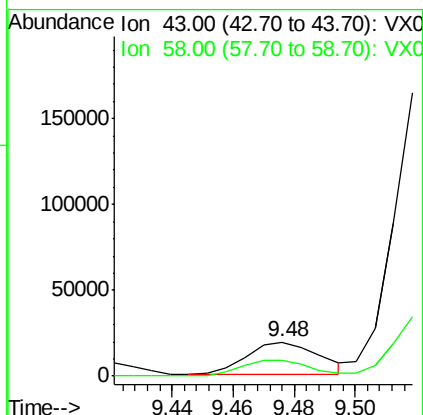
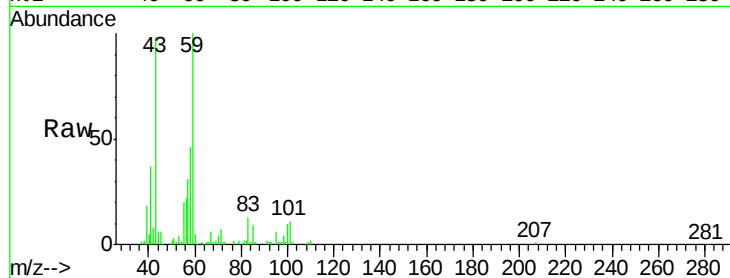




#59
2-Hexanone
Concen: 8.500 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.01 min
Lab File: VX019950.D
Acq: 12 Dec 2020 22:13

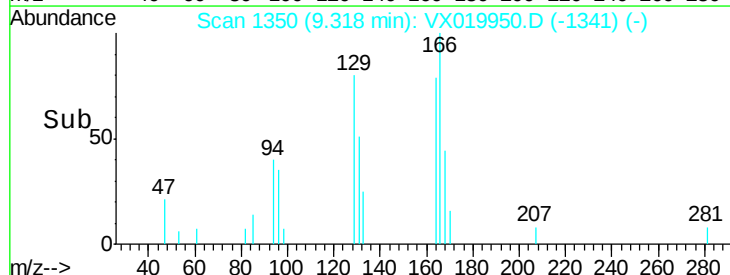
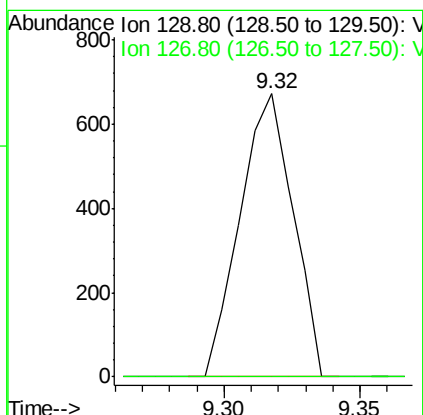
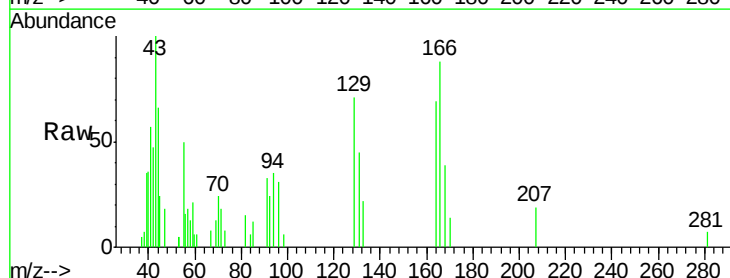
Instrument :
MSVOA_X
ClientSampleId :
16827

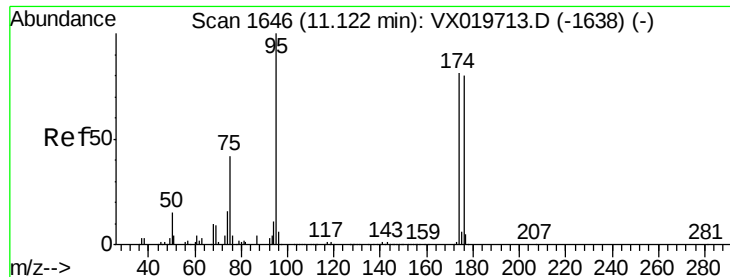
Tgt Ion: 43 Resp: 31040
Ion Ratio Lower Upper
43 100
58 46.2 30.9 92.8



#60
Dibromochloromethane
Concen: 0.247 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.24 min
Lab File: VX019950.D
Acq: 12 Dec 2020 22:13

Tgt Ion: 129 Resp: 907
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

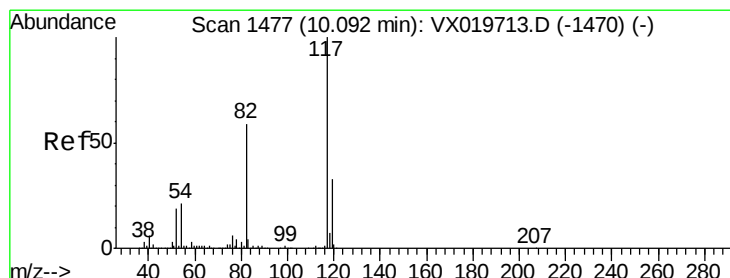
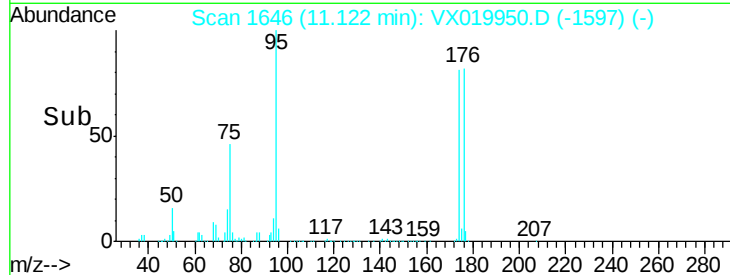
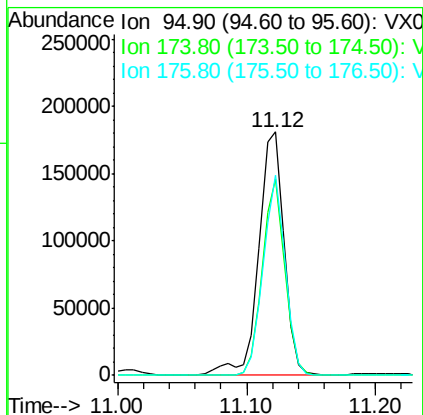
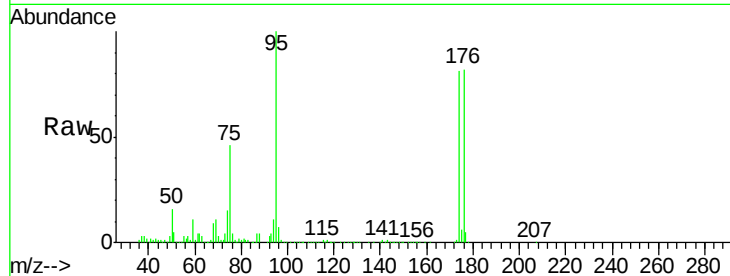




#62
4-Bromofluorobenzene
Concen: 50.008 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX019950.D
Acq: 12 Dec 2020 22:13

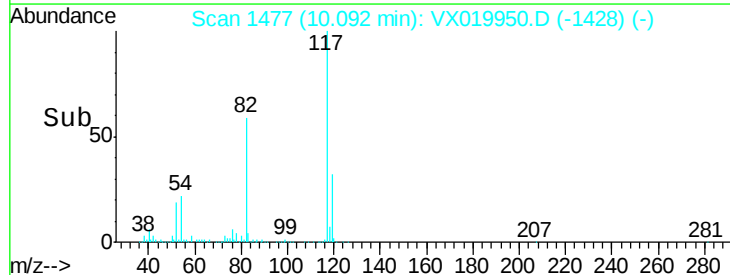
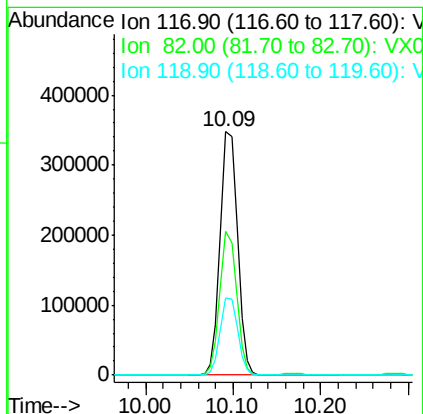
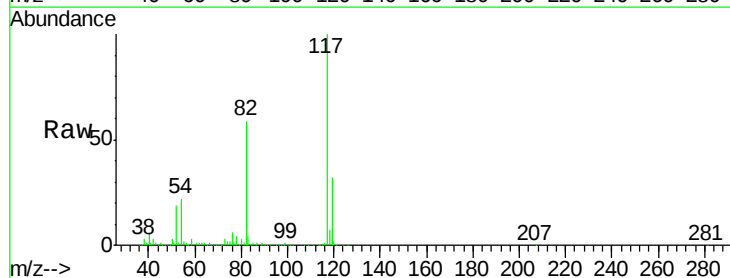
Instrument :
MSVOA_X
ClientSampleId :
16827

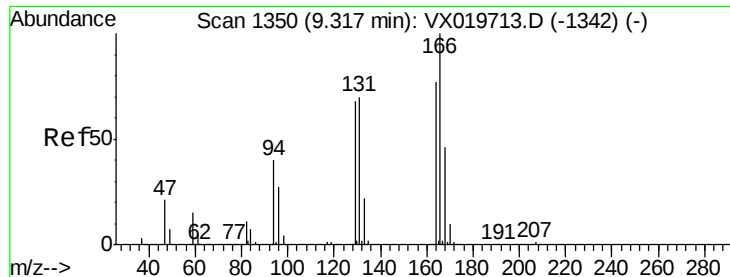
Tgt Ion	Ratio	Lower	Upper
95	100		
174	71.9	0.0	154.6
176	72.4	0.0	155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.09 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX019950.D
Acq: 12 Dec 2020 22:13

Tgt Ion	Ratio	Lower	Upper
117	100		
82	59.1	47.4	71.2
119	31.9	26.6	39.8





#64

Tetrachloroethene

Concen: 0.285 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. 0.00 min

Lab File: VX019950.D

Acq: 12 Dec 2020 22:13

Instrument :

MSVOA_X

ClientSampleId :

16827

Tgt Ion:164 Resp: 918

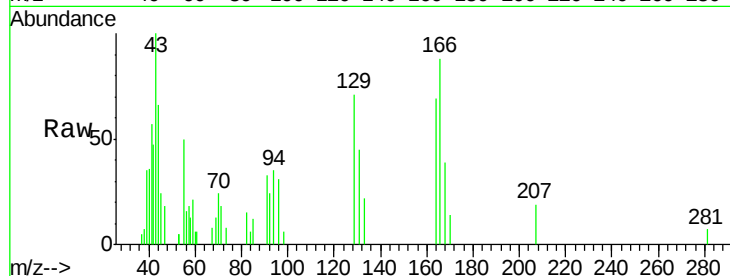
Ion Ratio Lower Upper

164 100

166 126.9 103.4 155.2

129 102.1 70.8 106.2

131 65.2 72.5 108.7#

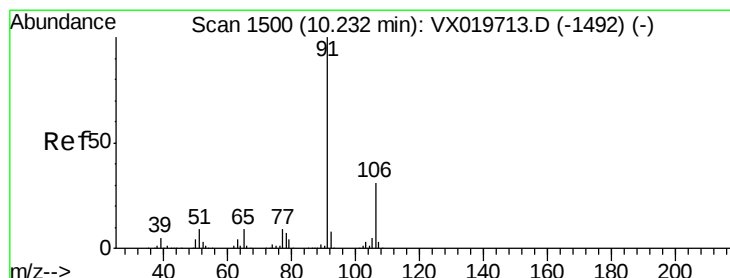
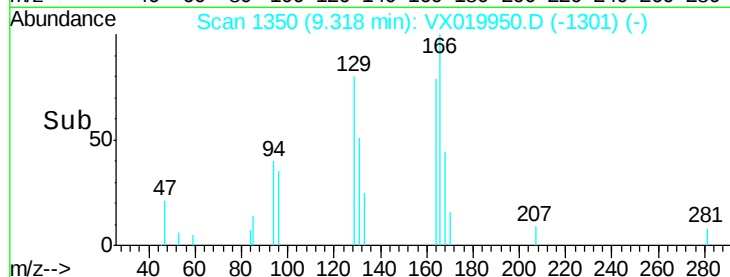
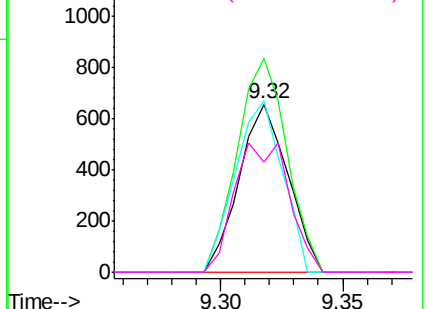


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#67

Ethyl Benzene

Concen: 148.238 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. 0.00 min

Lab File: VX019950.D

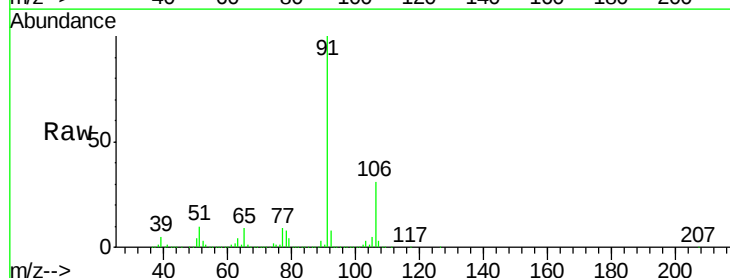
Acq: 12 Dec 2020 22:13

Tgt Ion: 91 Resp: 2514279

Ion Ratio Lower Upper

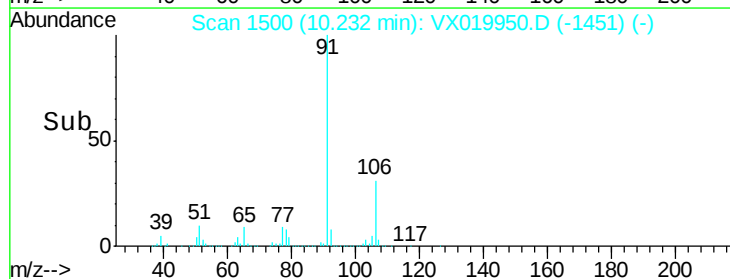
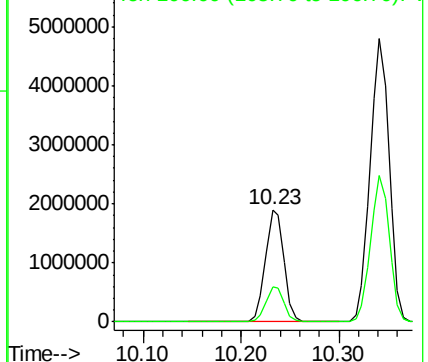
91 100

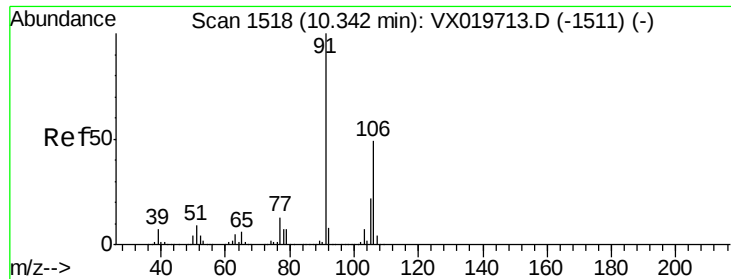
106 31.0 24.6 37.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

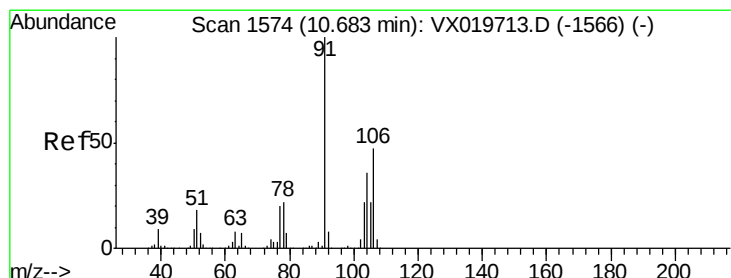
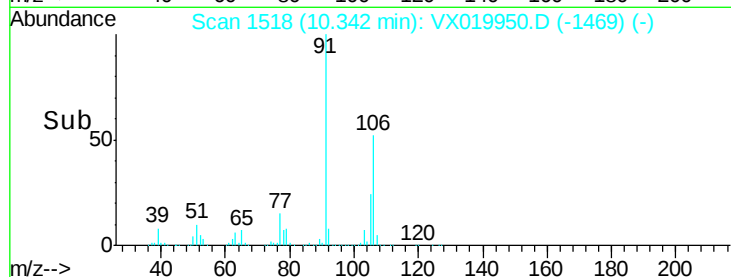
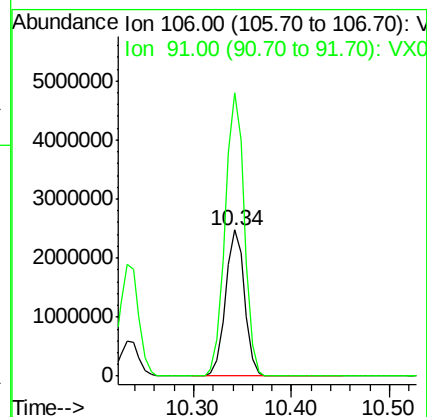
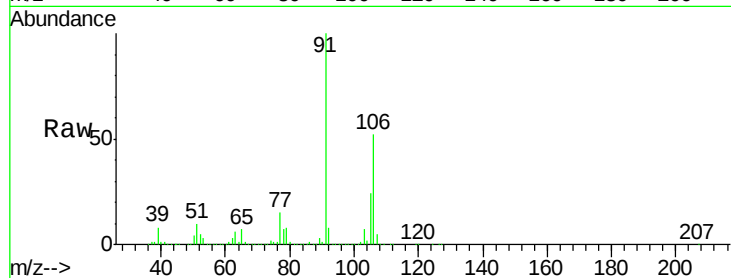




#68
m/p-Xylenes
Concen: 518.466 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX019950.D
Acq: 12 Dec 2020 22:13

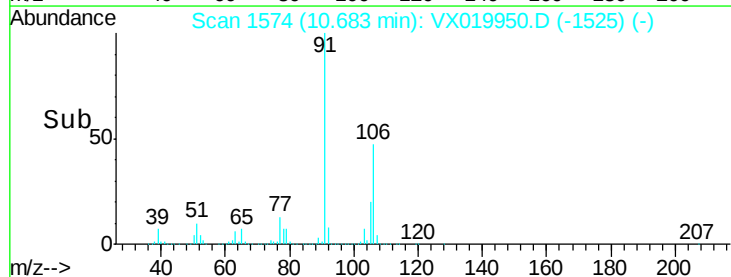
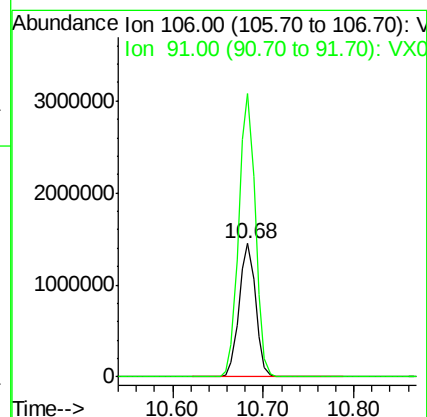
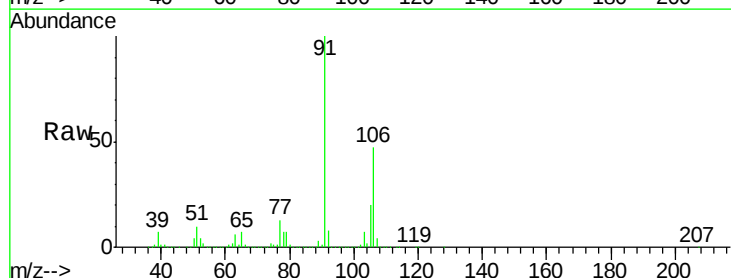
Instrument :
MSVOA_X
ClientSampleId :
16827

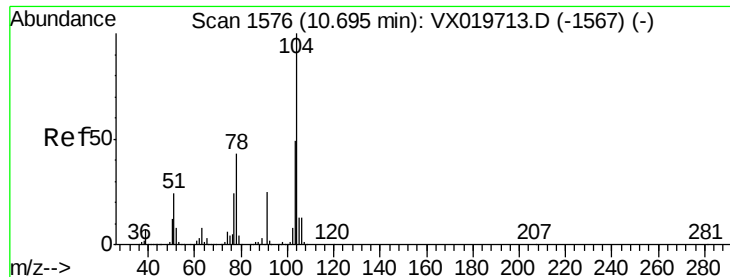
Tgt Ion:106 Resp: 3313620
Ion Ratio Lower Upper
106 100
91 196.9 162.8 244.2



#69
o-Xylene
Concen: 297.326 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX019950.D
Acq: 12 Dec 2020 22:13

Tgt Ion:106 Resp: 1827959
Ion Ratio Lower Upper
106 100
91 213.6 108.1 324.2





#70

Styrene

Concen: 8.779 ug/l

RT: 10.68 min Scan# 1574

Delta R.T. -0.01 min

Lab File: VX019950.D

Acq: 12 Dec 2020 22:13

Instrument :

MSVOA_X

ClientSampled :

16827

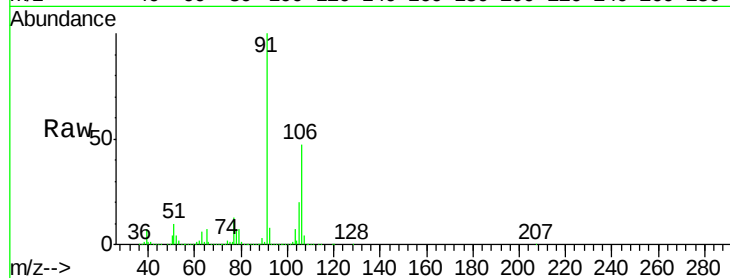
Tgt Ion:104 Resp: 91096

Ion Ratio Lower Upper

104 100

78 295.8 40.0 60.0#

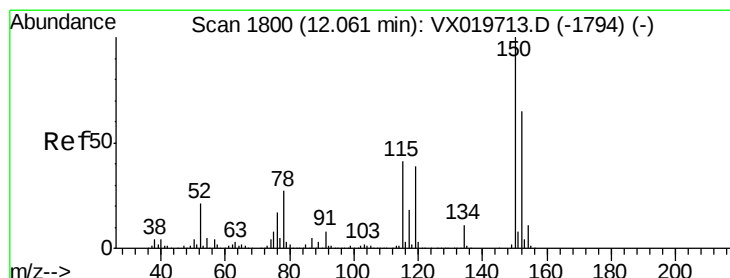
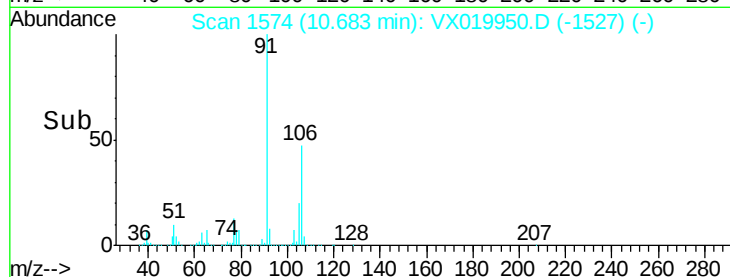
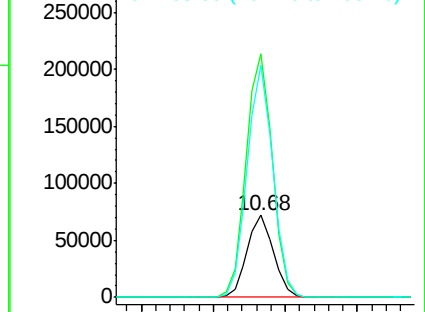
103 275.9 43.4 65.0#



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): V

Ion 103.00 (102.70 to 103.70): 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: VX019950.D

Acq: 12 Dec 2020 22:13

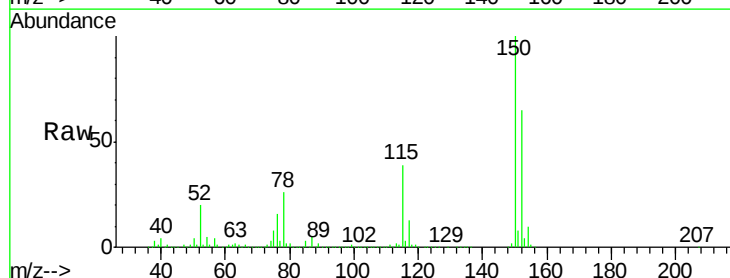
Tgt Ion:152 Resp: 219038

Ion Ratio Lower Upper

152 100

115 59.4 41.1 123.3

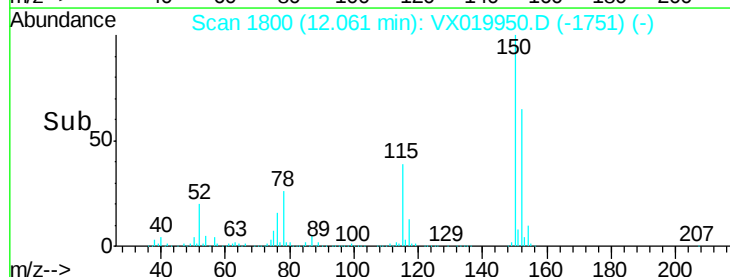
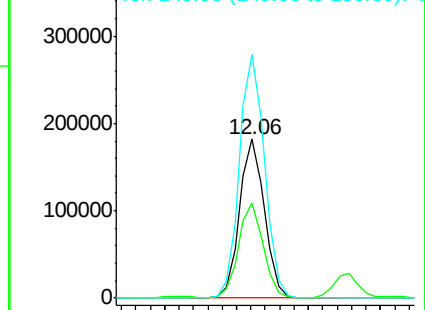
150 155.2 0.0 349.0

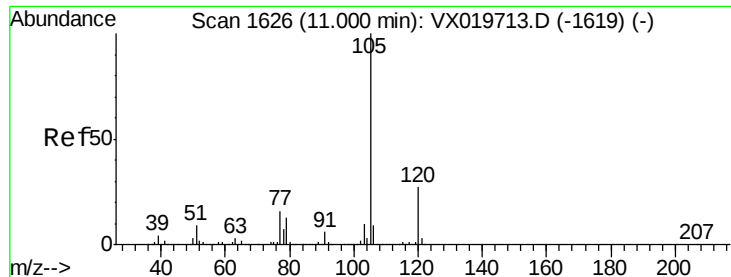


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 8.167 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX019950.D

Acq: 12 Dec 2020 22:13

Instrument :

MSVOA_X

ClientSampled :

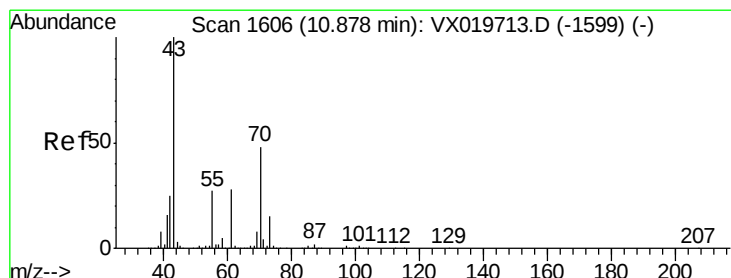
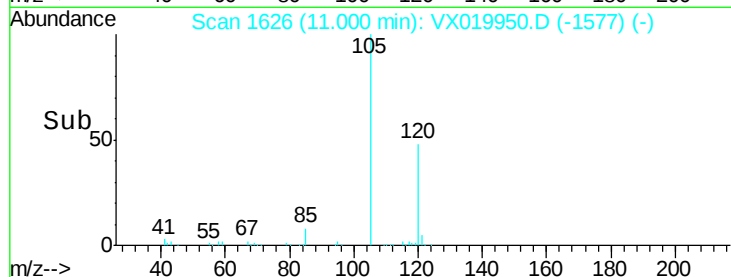
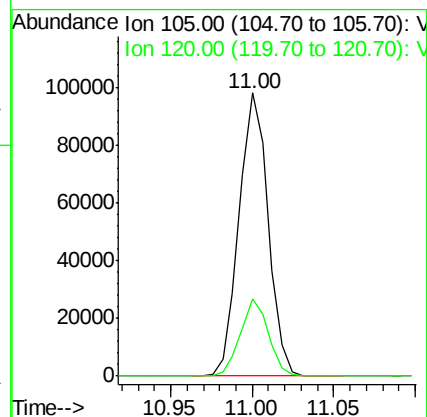
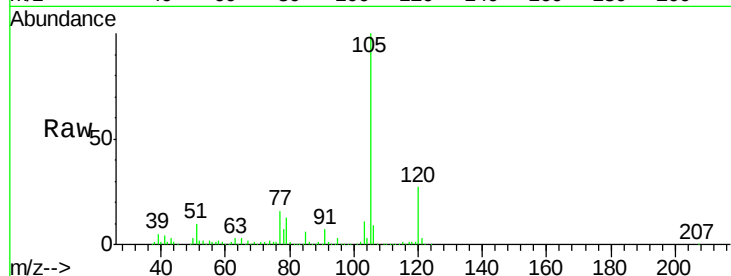
16827

Tgt Ion:105 Resp: 122212

Ion Ratio Lower Upper

105 100

120 26.3 13.2 39.6



#74

N-ethyl acetate

Concen: 2.269 ug/l

RT: 10.85 min Scan# 1602

Delta R.T. -0.02 min

Lab File: VX019950.D

Acq: 12 Dec 2020 22:13

Tgt Ion: 43 Resp: 13610

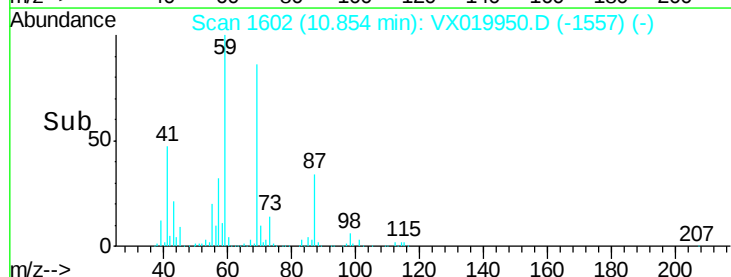
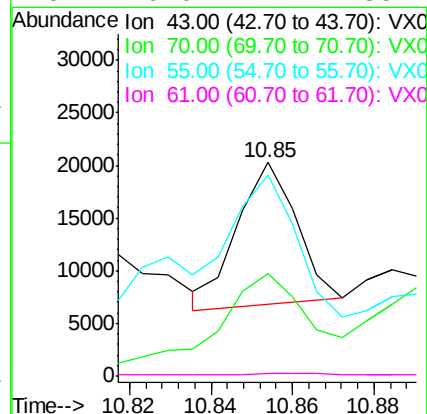
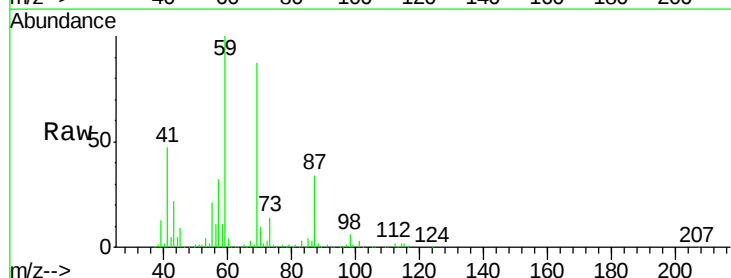
Ion Ratio Lower Upper

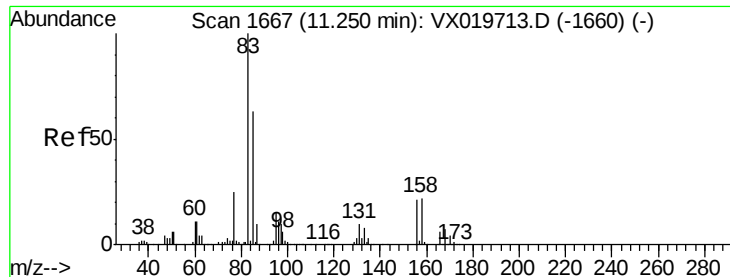
43 100

70 121.1 39.0 58.6#

55 321.2 21.5 32.3#

61 0.0 22.1 33.1#





#75

1,1,2,2-Tetrachloroethane

Concen: 0.864 ug/l

RT: 11.20 min Scan# 1658

Delta R.T. -0.05 min

Lab File: VX019950.D

Acq: 12 Dec 2020 22:13

Instrument :

MSVOA_X

ClientSampled :
16827

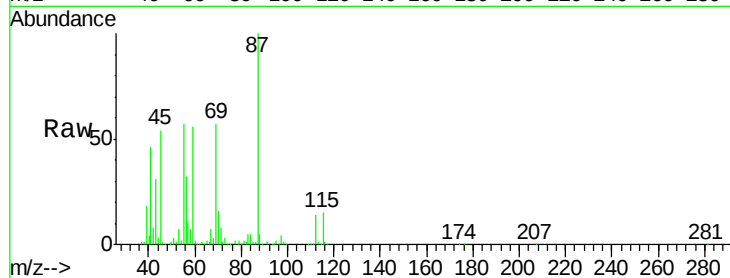
Tgt Ion: 83 Resp: 4559

Ion Ratio Lower Upper

83 100

131 0.0 5.1 15.2#

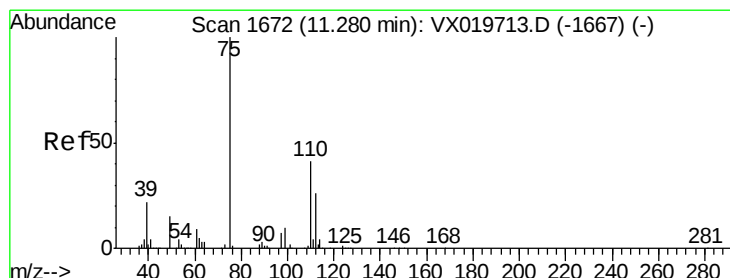
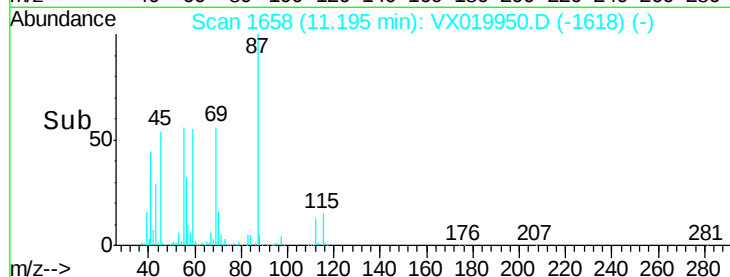
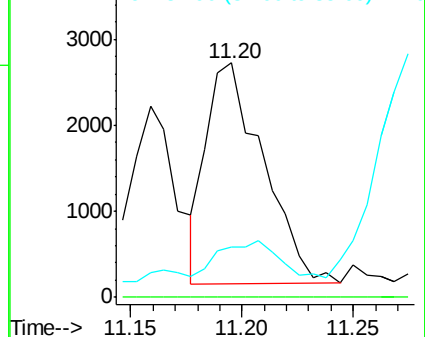
85 16.2 31.8 95.4#



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 0.690 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.06 min

Lab File: VX019950.D

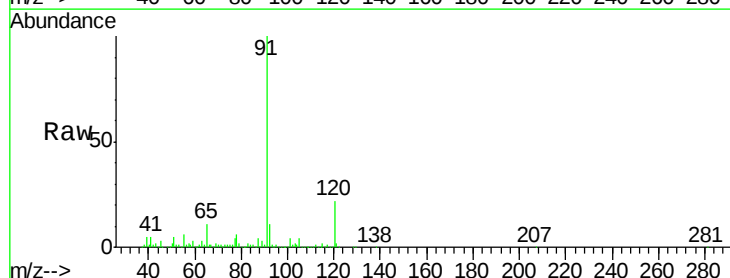
Acq: 12 Dec 2020 22:13

Tgt Ion: 75 Resp: 3388

Ion Ratio Lower Upper

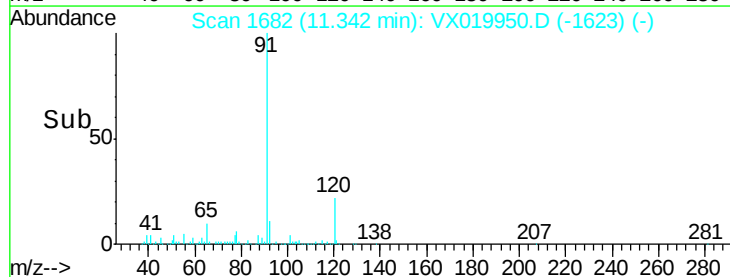
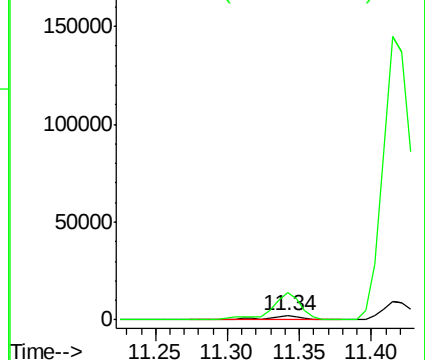
75 100

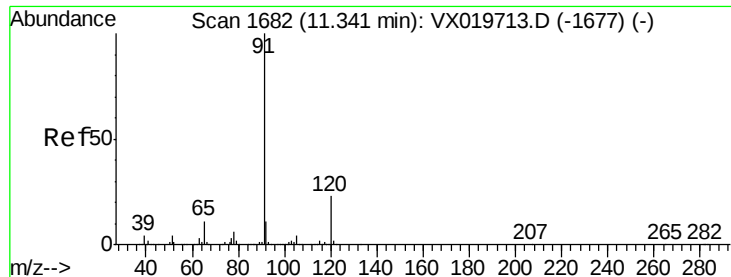
77 575.1 19.1 57.5#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

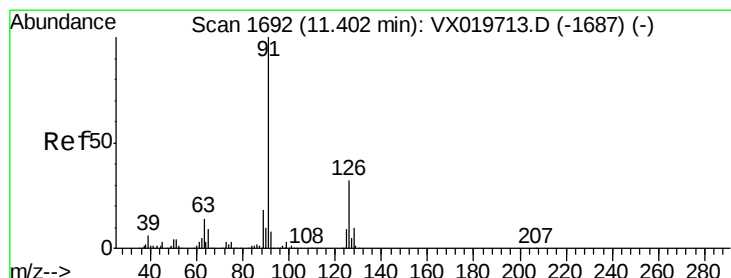
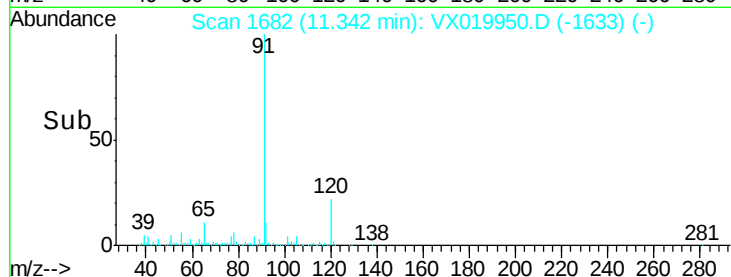
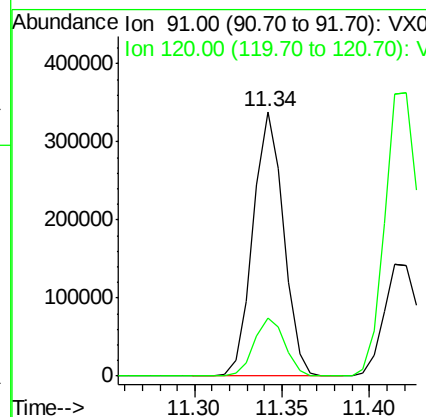
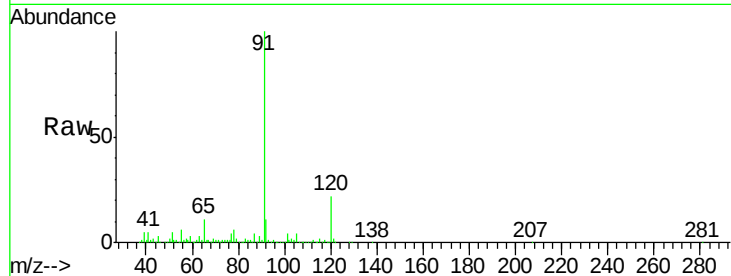




#78
n-propylbenzene
Concen: 24.000 ug/l
RT: 11.34 min Scan# 1682
Delta R.T. 0.00 min
Lab File: VX019950.D
Acq: 12 Dec 2020 22:13

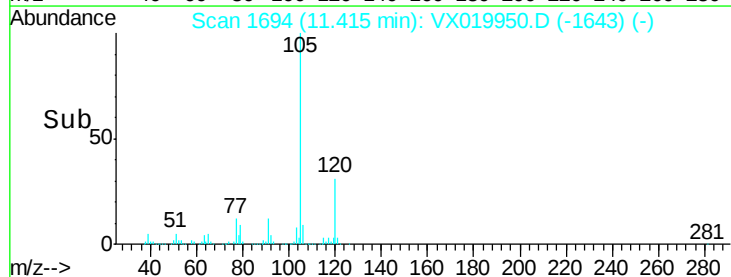
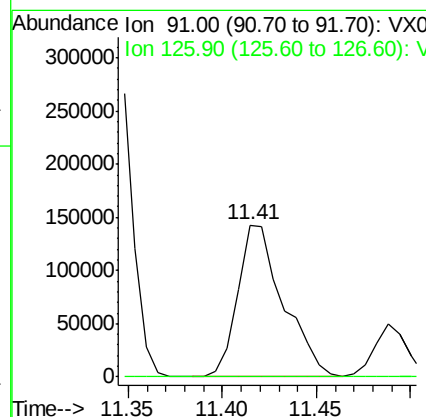
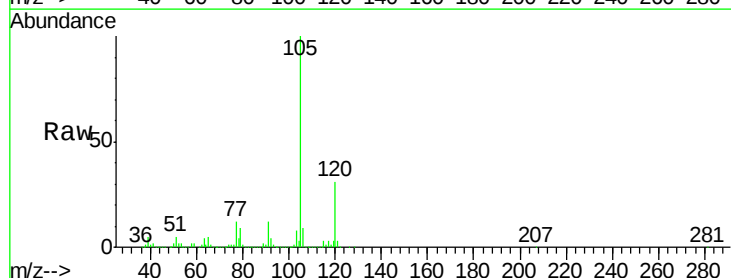
Instrument :
MSVOA_X
ClientSampleId :
16827

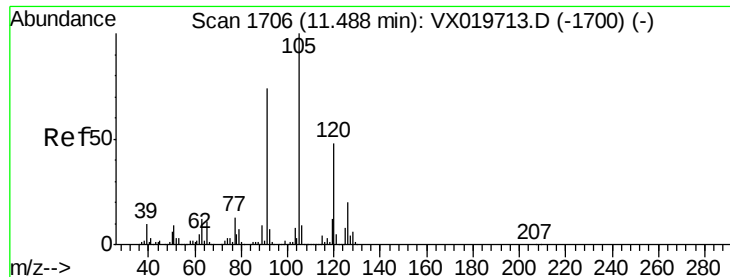
Tgt Ion: 91 Resp: 410202
Ion Ratio Lower Upper
91 100
120 22.4 11.5 34.5



#79
2-Chlorotoluene
Concen: 22.634 ug/l
RT: 11.41 min Scan# 1694
Delta R.T. 0.01 min
Lab File: VX019950.D
Acq: 12 Dec 2020 22:13

Tgt Ion: 91 Resp: 238234
Ion Ratio Lower Upper
91 100
126 0.1 16.6 49.8#

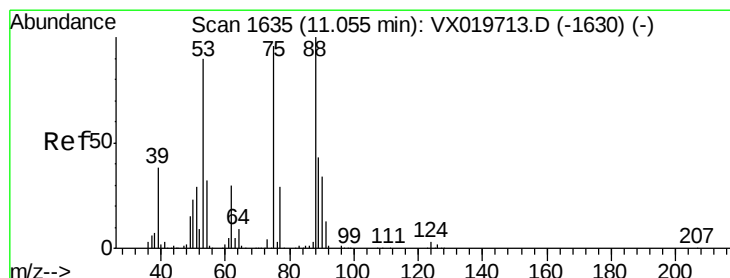
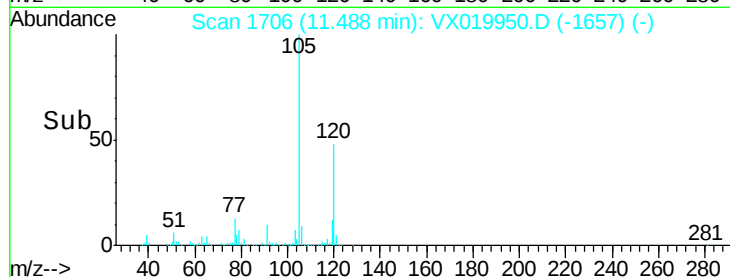
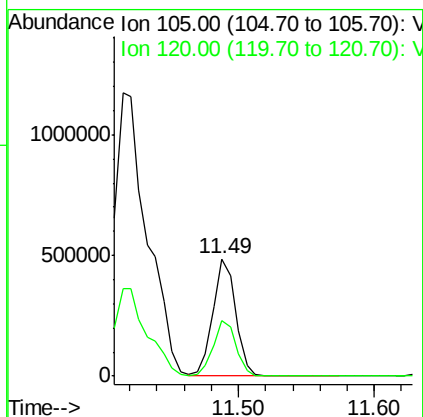
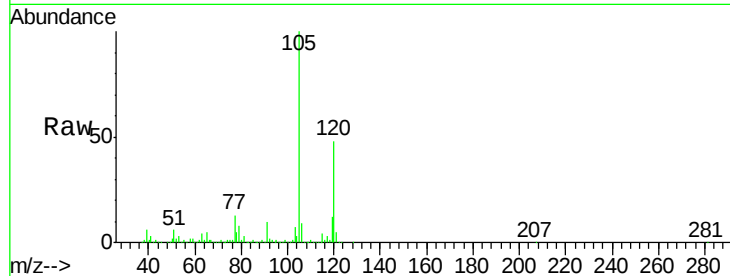




#80
 1,3,5-Trimethylbenzene
 Concen: 44.649 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. 0.00 min
 Lab File: VX019950.D
 Acq: 12 Dec 2020 22:13

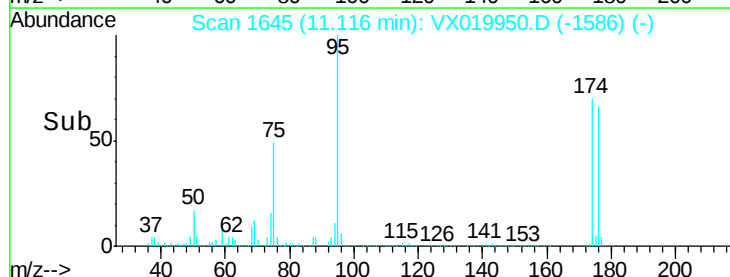
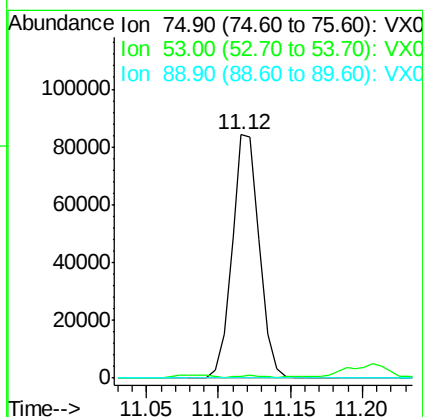
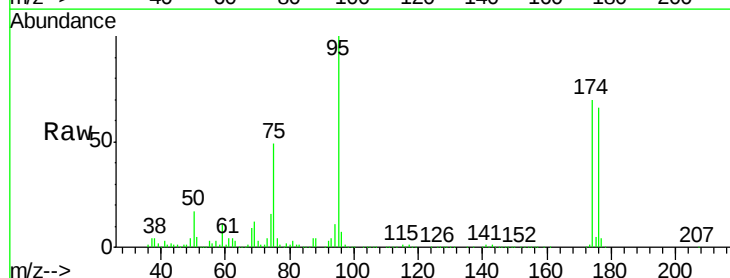
Instrument :
 MSVOA_X
 ClientSampleId :
 16827

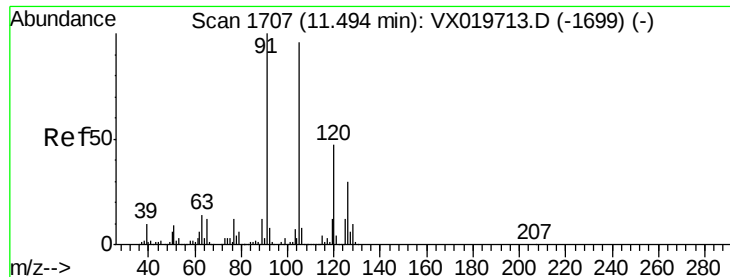
Tgt Ion:105 Resp: 563897
 Ion Ratio Lower Upper
 105 100
 120 47.7 23.8 71.5



#81
 trans-1,4-Dichloro-2-butene
 Concen: 65.196 ug/l
 RT: 11.12 min Scan# 1645
 Delta R.T. 0.06 min
 Lab File: VX019950.D
 Acq: 12 Dec 2020 22:13

Tgt Ion: 75 Resp: 110793
 Ion Ratio Lower Upper
 75 100
 53 0.5 74.5 111.7#
 89 0.0 37.9 56.9#

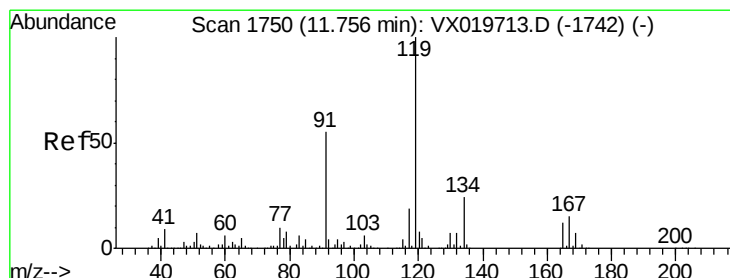
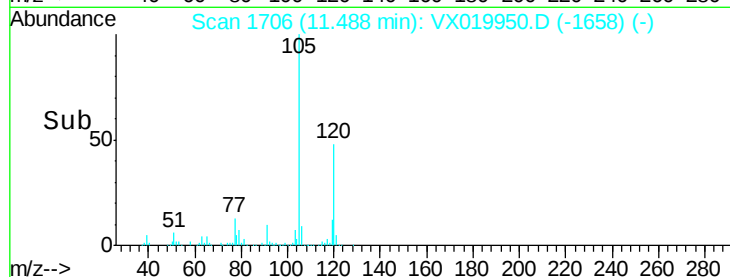
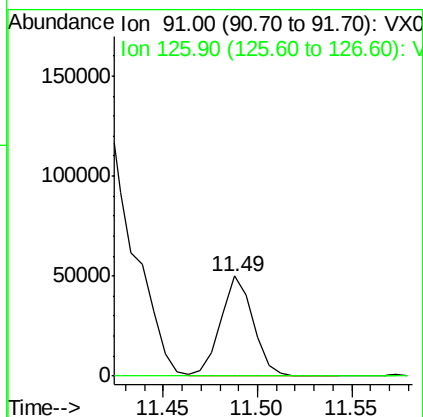
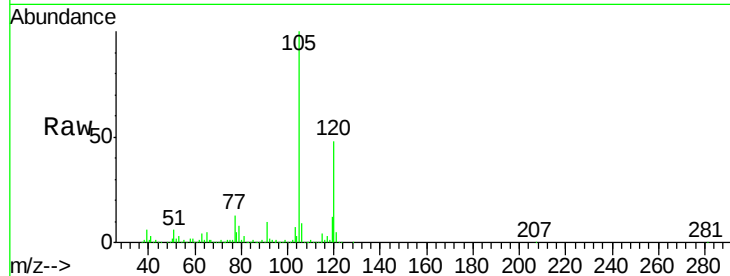




#82
4-Chlorotoluene
Concen: 4.764 ug/l
RT: 11.49 min Scan# 1706
Delta R.T. -0.01 min
Lab File: VX019950.D
Acq: 12 Dec 2020 22:13

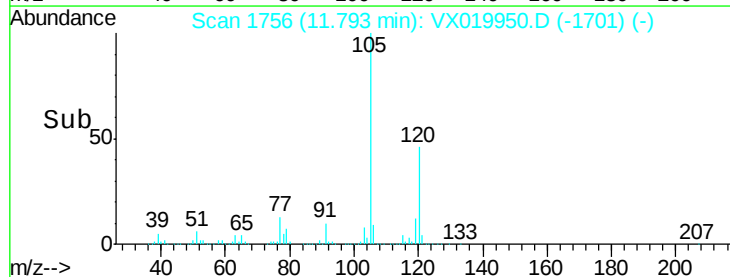
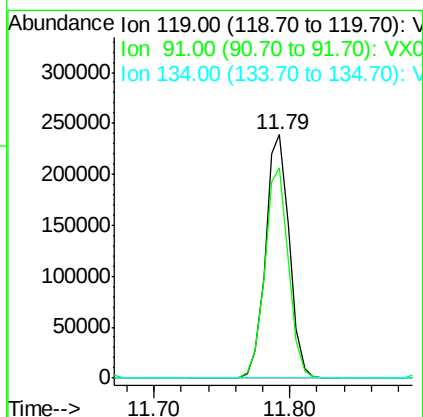
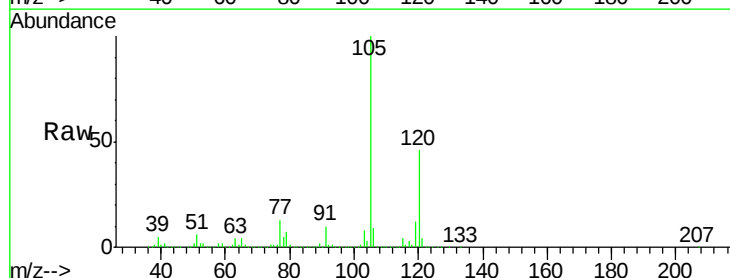
Instrument :
MSVOA_X
ClientSampleId :
16827

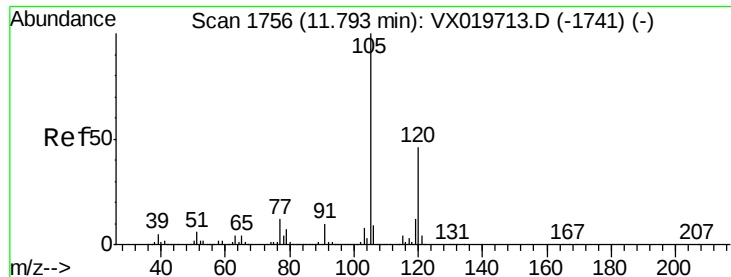
Tgt Ion: 91 Resp: 58722
Ion Ratio Lower Upper
91 100
126 0.0 14.9 44.5#



#83
tert-Butylbenzene
Concen: 23.652 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.04 min
Lab File: VX019950.D
Acq: 12 Dec 2020 22:13

Tgt Ion: 119 Resp: 292974
Ion Ratio Lower Upper
119 100
91 86.0 27.9 83.7#
134 0.0 11.3 33.9#

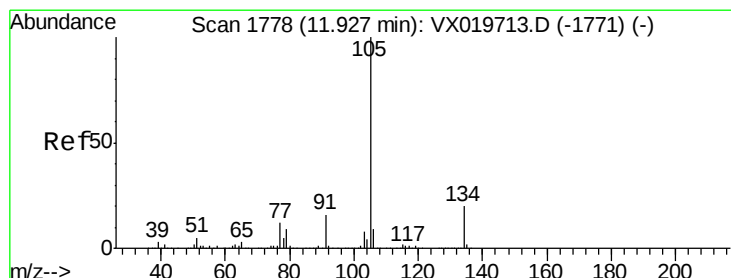
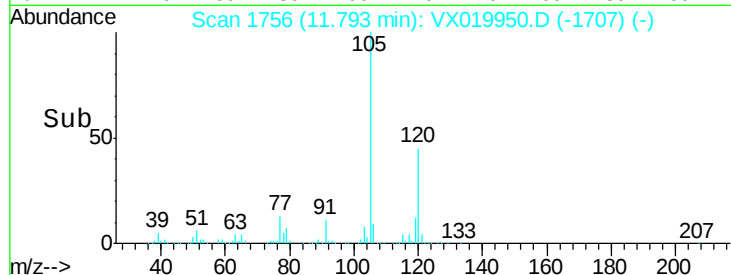
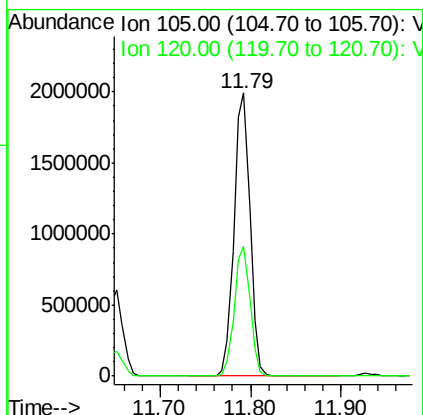
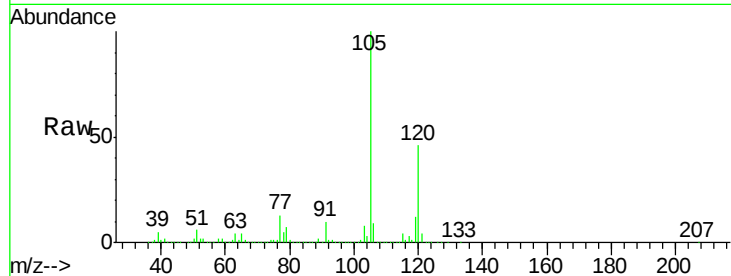




#84
 1,2,4-Trimethylbenzene
 Concen: 190.983 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: VX019950.D
 Acq: 12 Dec 2020 22:13

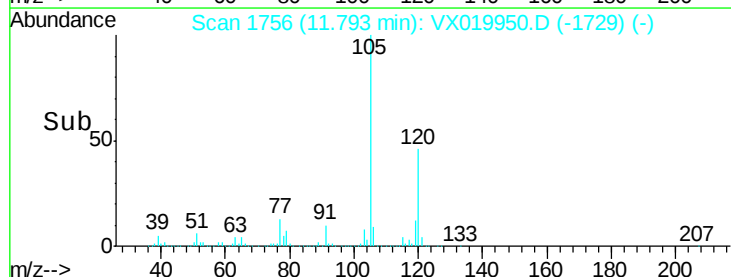
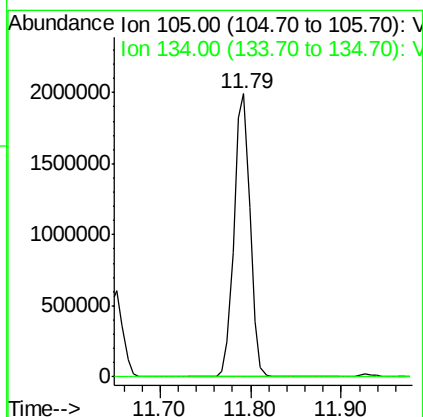
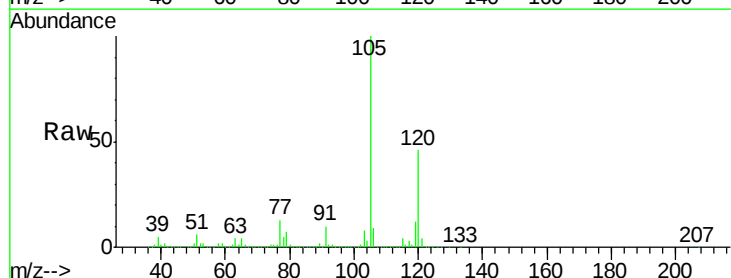
Instrument :
 MSVOA_X
 ClientSampled :
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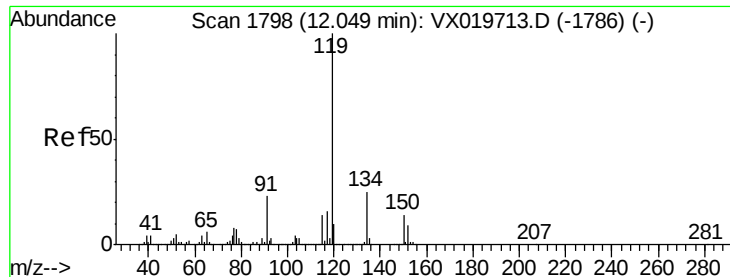
Tgt Ion:105 Resp: 2429707
 Ion Ratio Lower Upper
 105 100
 120 45.4 22.4 67.3



#85
 sec-Butylbenzene
 Concen: 171.808 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.13 min
 Lab File: VX019950.D
 Acq: 12 Dec 2020 22:13

Tgt Ion:105 Resp: 2429707
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.0 29.8#

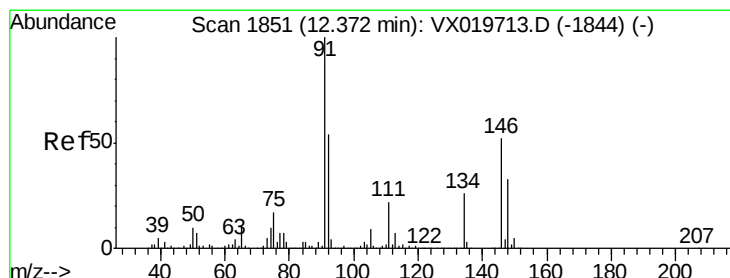
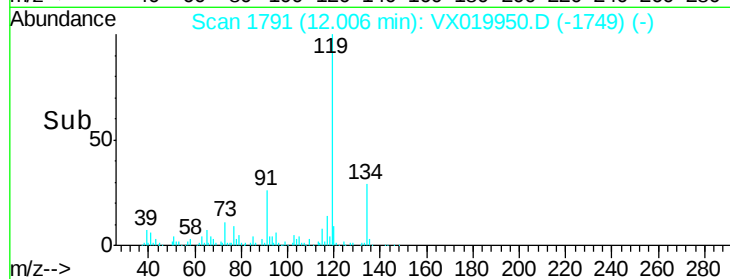
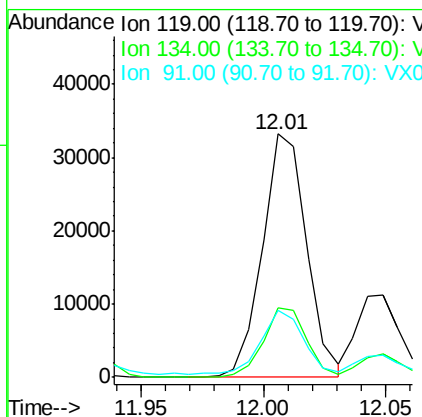
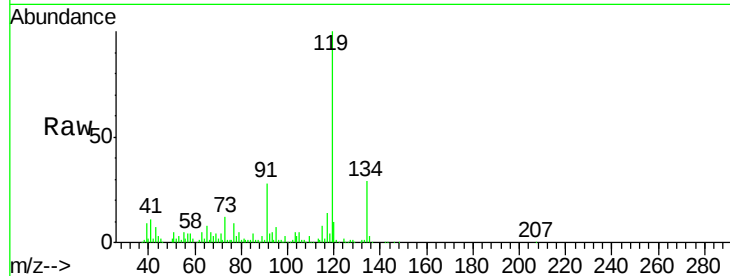




#86
p-Isopropyltoluene
Concen: 3.215 ug/l
RT: 12.01 min Scan# 1791
Delta R.T. -0.04 min
Lab File: VX019950.D
Acq: 12 Dec 2020 22:13

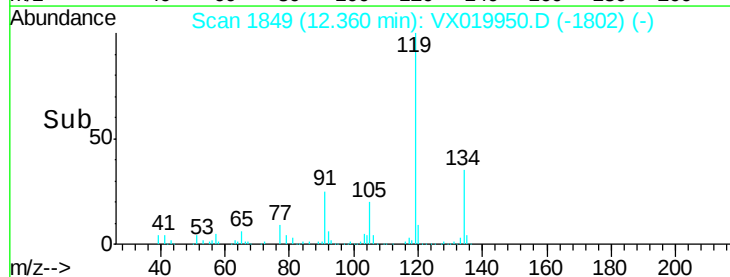
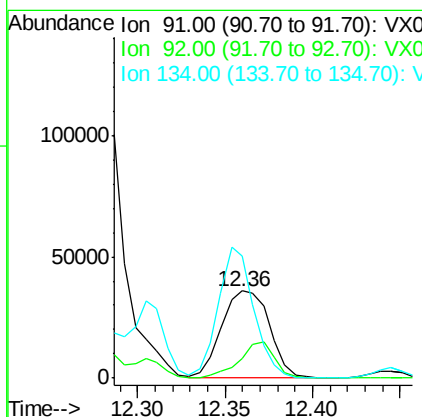
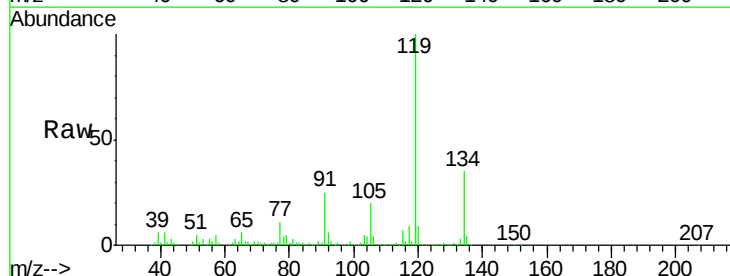
Instrument :
MSVOA_X
ClientSampleId :
16827

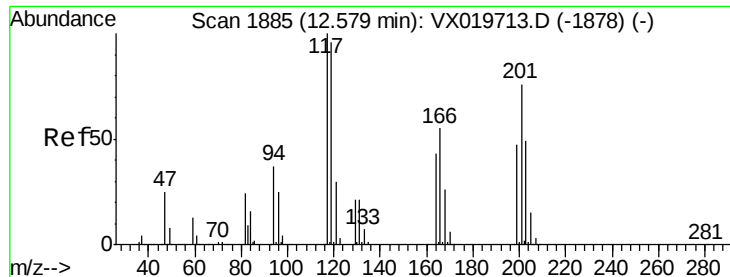
Tgt Ion	Ratio	Lower	Upper
119	100		
134	28.2	12.9	38.7
91	24.6	11.7	35.0



#89
n-Butylbenzene
Concen: 5.839 ug/l
RT: 12.36 min Scan# 1849
Delta R.T. -0.01 min
Lab File: VX019950.D
Acq: 12 Dec 2020 22:13

Tgt Ion	Ratio	Lower	Upper
91	100		
92	31.6	27.4	82.0
134	113.9	13.2	39.5#





#90

Hexachloroethane

Concen: 24.538 ug/l

RT: 12.68 min Scan# 1902

Delta R.T. 0.10 min

Lab File: VX019950.D

Acq: 12 Dec 2020 22:13

Instrument :

MSVOA_X

ClientSampleId :

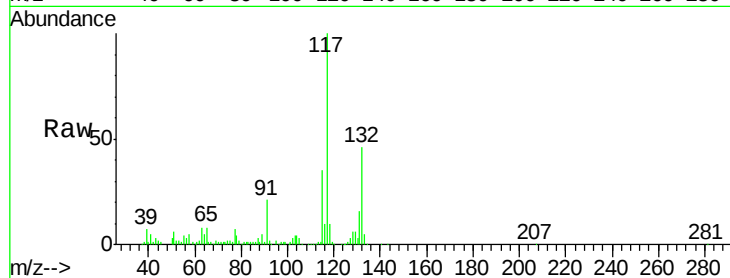
16827

Tgt Ion:117 Resp: 54907

Ion Ratio Lower Upper

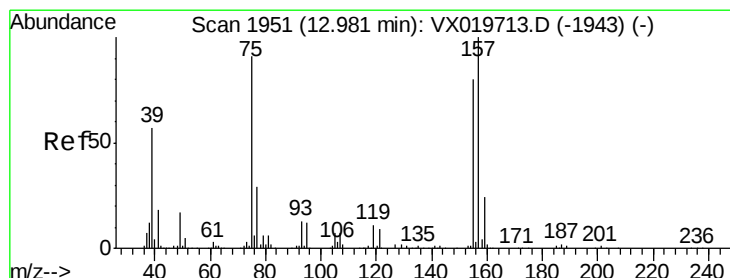
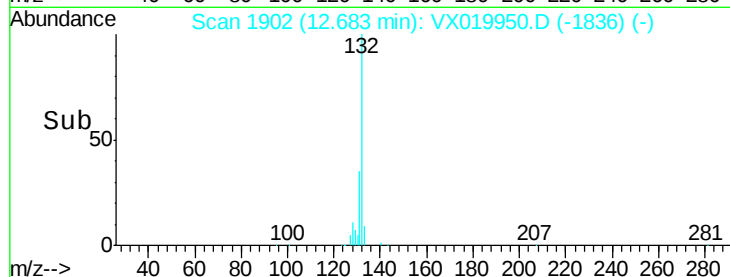
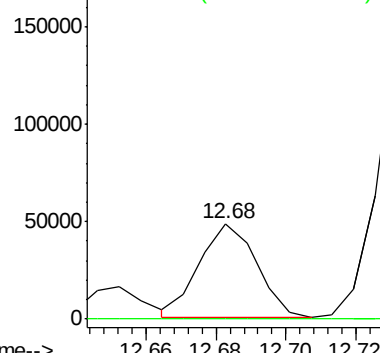
117 100

201 0.0 40.4 121.2#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.253 ug/l

RT: 13.00 min Scan# 1954

Delta R.T. 0.02 min

Lab File: VX019950.D

Acq: 12 Dec 2020 22:13

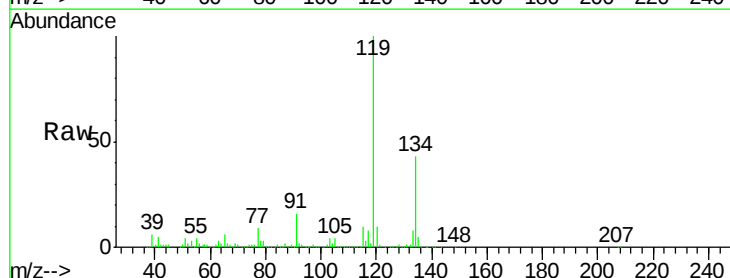
Tgt Ion: 75 Resp: 1421

Ion Ratio Lower Upper

75 100

155 0.0 45.3 135.9#

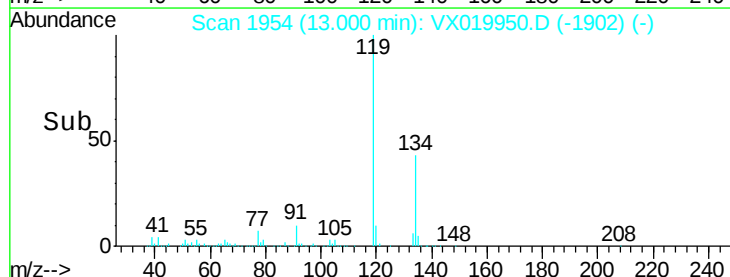
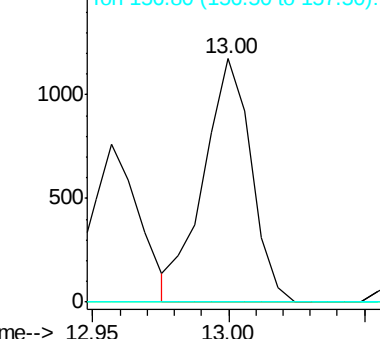
157 0.0 57.7 173.1#

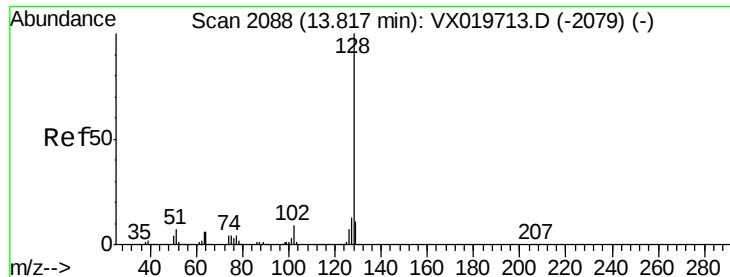


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#95

Naphthalene

Concen: 127.915 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX019950.D

Acq: 12 Dec 2020 22:13

Instrument :

MSVOA_X

ClientSampleId :

16827

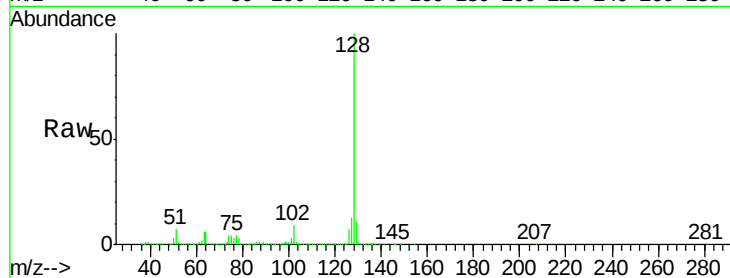
Tgt Ion:128 Resp: 1849653

Ion Ratio Lower Upper

128 100

127 12.7 10.3 15.5

129 10.8 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

