

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112520\
 Data File : VX019652.D
 Acq On : 25 Nov 2020 13:35
 Operator : JC/MD
 Sample : L4840-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 16857

Quant Time: Nov 26 04:58:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112120W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 21 01:57:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	310005	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	511007	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	477304	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	211269	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	193730	48.20	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	96.40%
35) Dibromofluoromethane	5.46	113	153153	47.75	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	95.50%
50) Toluene-d8	8.70	98	613548	49.22	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.44%
62) 4-Bromofluorobenzene	11.12	95	226845	50.58	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	101.16%

Target Compounds

					Qvalue
5) Bromomethane	1.63	94	717	0.508	ug/l 88
6) Chloroethane	1.69	64	250	Below Cal	# 57
11) Tert butyl alcohol	3.01	59	8605	11.312	ug/l # 91
13) Acrolein	2.27	56	117	0.229	ug/l # 15
16) Acetone	2.42	43	50952	32.779	ug/l 98
17) Carbon Disulfide	2.55	76	3202	0.387	ug/l # 91
18) Methyl Acetate	2.75	43	421	0.744	ug/l # 47
19) Methyl tert-butyl Ether	3.17	73	9821	0.924	ug/l 95
20) Methylene Chloride	2.83	84	2135	0.550	ug/l 92
22) Diisopropyl ether	3.82	45	2635	0.264	ug/l # 93
25) 2-Butanone	4.65	43	3557	1.523	ug/l # 82
29) Tetrahydrofuran	5.10	42	1883	1.264	ug/l 94
36) 1,1-Dichloropropene	5.63	75	23675	4.942	ug/l # 49
37) Ethyl Acetate	4.65	43	3557	0.791	ug/l # 67
38) Carbon Tetrachloride	5.63	117	29961	6.461	ug/l # 16
40) Benzene	6.11	78	7856	0.534	ug/l 92
41) Methacrylonitrile	5.10	41	1285	0.518	ug/l # 40
44) Trichloroethene	7.18	130	1851	0.480	ug/l 86
51) 4-Methyl-2-Pentanone	8.62	43	2908	0.660	ug/l 93
52) Toluene	8.76	92	5331	0.592	ug/l 99
59) 2-Hexanone	9.48	43	803	0.240	ug/l 93
67) Ethyl Benzene	10.34	91	45139	2.626	ug/l # 70
68) m/p-Xylenes	10.34	106	21641	3.379	ug/l 97
69) o-Xylene	10.68	106	54450	8.893	ug/l 100
70) Styrene	10.68	104	3189	1.918	ug/l # 1
74) N-amyl acetate	10.93	43	1166	0.213	ug/l # 38
76) 1,2,3-Trichloropropane	11.12	75	111094	24.095	ug/l # 38
79) 2-Chlorotoluene	11.41	91	6152	0.605	ug/l # 49
80) 1,3,5-Trimethylbenzene	11.49	105	39689	3.237	ug/l 99
81) trans-1,4-Dichloro-2-buten	11.12	75	111094	63.803	ug/l # 12
82) 4-Chlorotoluene	11.49	91	5520	0.461	ug/l # 59
84) 1,2,4-Trimethylbenzene	11.79	105	45521	3.670	ug/l 98
85) sec-Butylbenzene	11.79	105	45521	3.226	ug/l # 56
86) p-Isopropyltoluene	12.05	119	5327	0.416	ug/l 85

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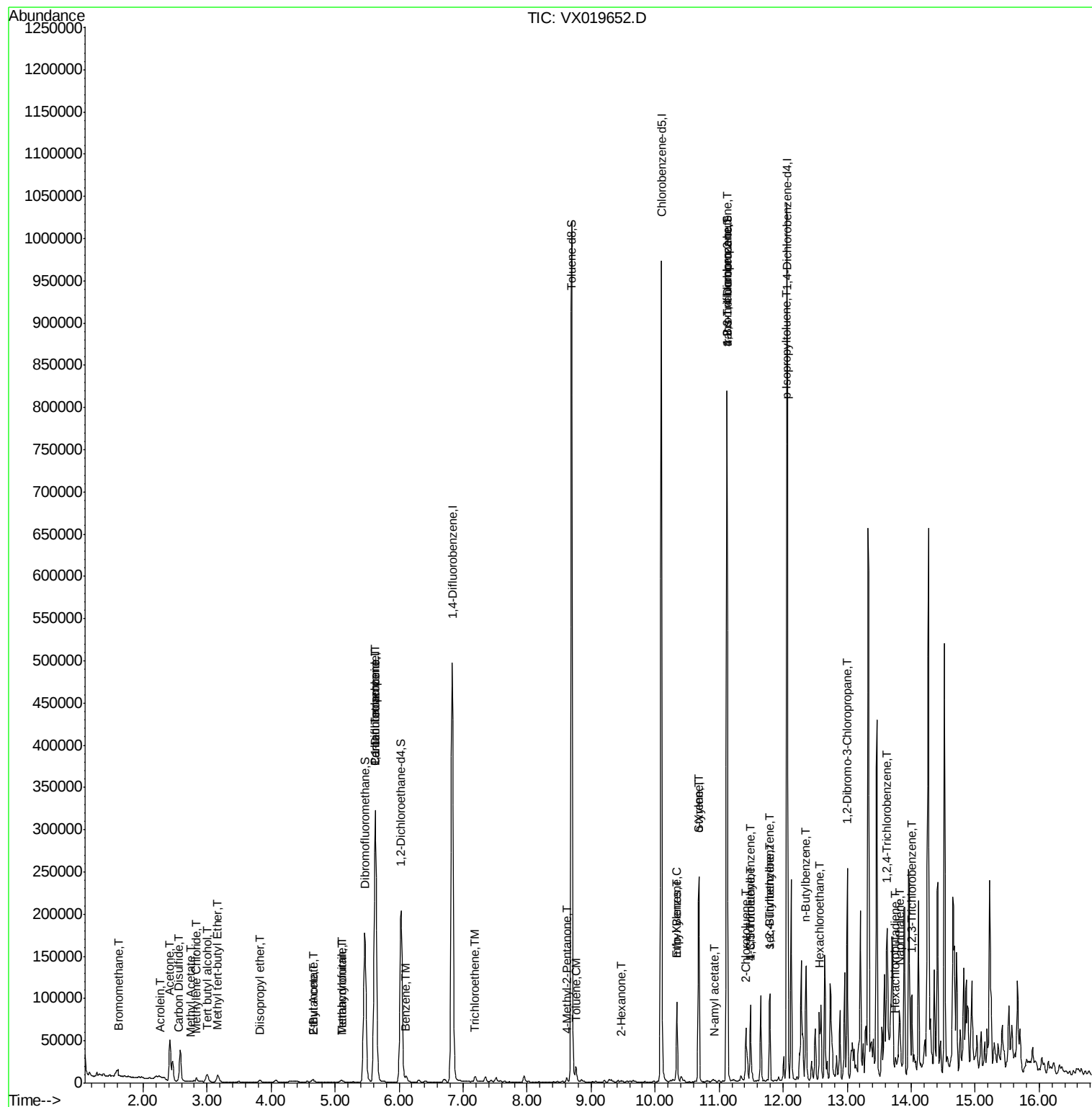
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) n-Butylbenzene	12.36	91	14789	1.277	ug/l #	2
90) Hexachloroethane	12.57	117	3285	1.532	ug/l #	10
92) 1,2-Dibromo-3-Chloropropan	13.00	75	831	0.779	ug/l #	1
93) 1,2,4-Trichlorobenzene	13.63	180	1304	0.295	ug/l #	1
94) Hexachlorobutadiene	13.76	225	516	0.256	ug/l	99
95) Naphthalene	13.82	128	44269	4.895	ug/l #	94
96) 1,2,3-Trichlorobenzene	14.00	180	1192	0.270	ug/l #	1

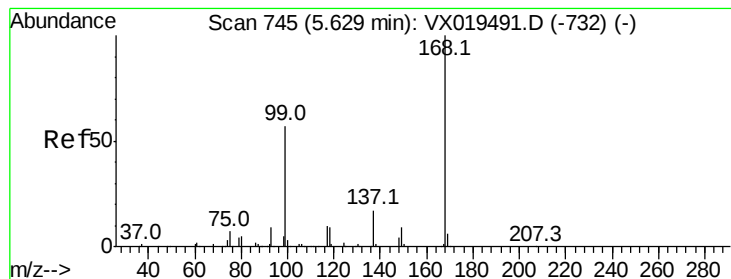
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.00 min

Lab File: VX019652.D

Acq: 25 Nov 2020 13:35

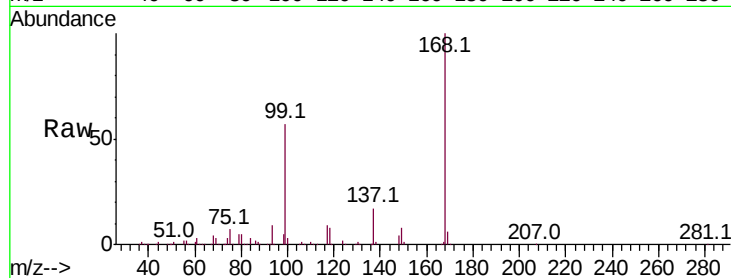
Instrument :
MSVOA_X
ClientSampleId :
16857

Tot Ion:168 Resp: 310005

Ion Ratio Lower Upper

168 100

99 57.0 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

120000

100000

80000

60000

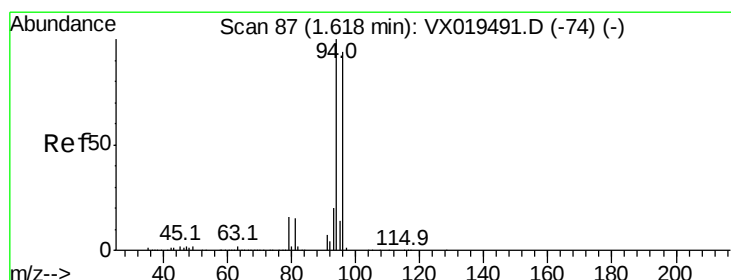
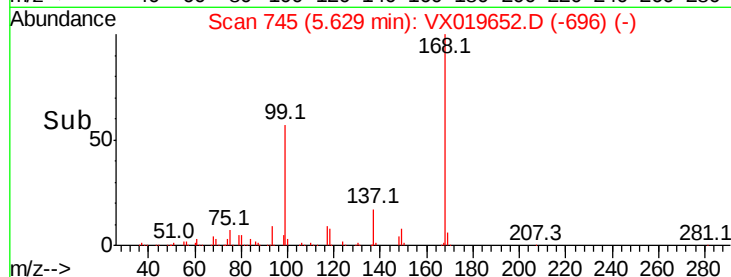
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#5

Bromomethane

Concen: 0.508 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX019652.D

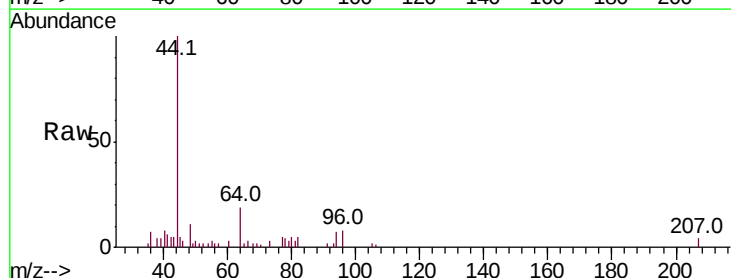
Acq: 25 Nov 2020 13:35

Tgt Ion: 94 Resp: 717

Ion Ratio Lower Upper

94 100

96 105.8 75.6 113.4



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.63

300

250

200

150

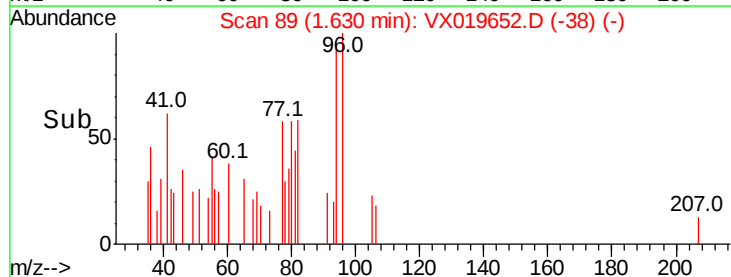
100

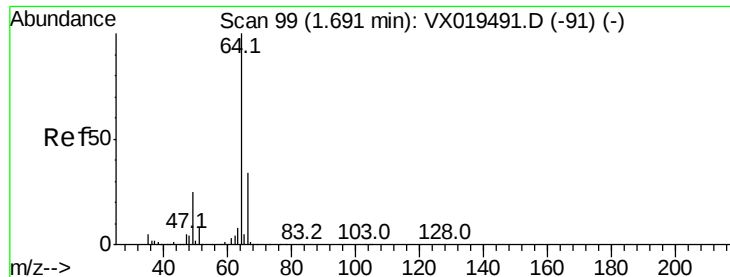
50

0

1.55 1.60 1.65 1.70

Time-->





#6

Chloroethane

Concen: Below Cal

RT: 1.69 min Scan# 99

Delta R.T. 0.00 min

Lab File: VX019652.D

Acq: 25 Nov 2020 13:35

Instrument :

MSVOA_X

ClientSampleId :

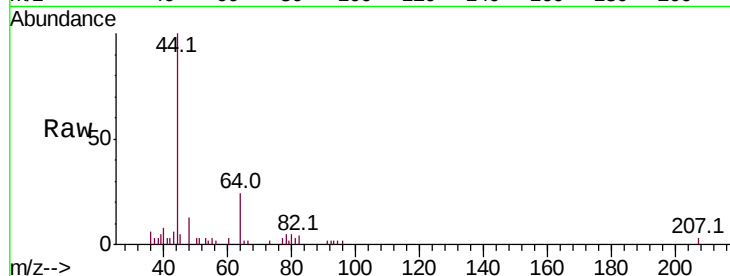
16857

Tot Ion: 64 Resp: 250

Ion Ratio Lower Upper

64 100

66 9.1 27.1 40.7#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1000

800

600

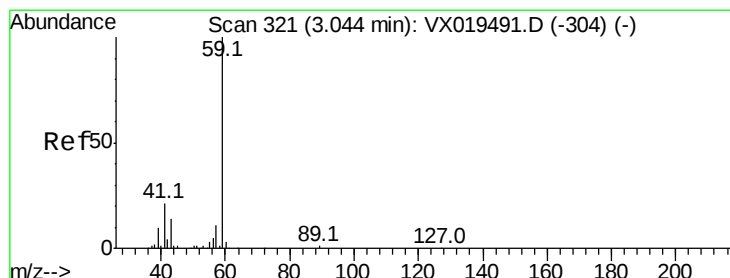
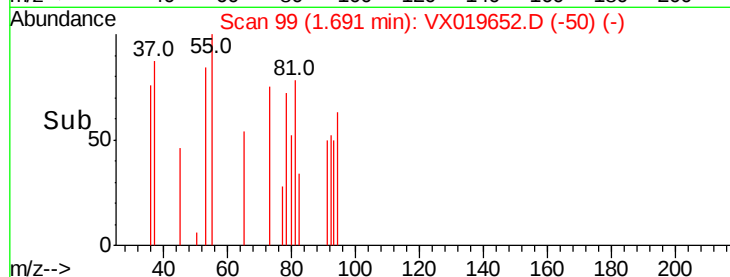
400

200

0

1.66 1.68 1.70

Time-->



#11

Tert butyl alcohol

Concen: 11.312 ug/l

RT: 3.01 min Scan# 315

Delta R.T. -0.04 min

Lab File: VX019652.D

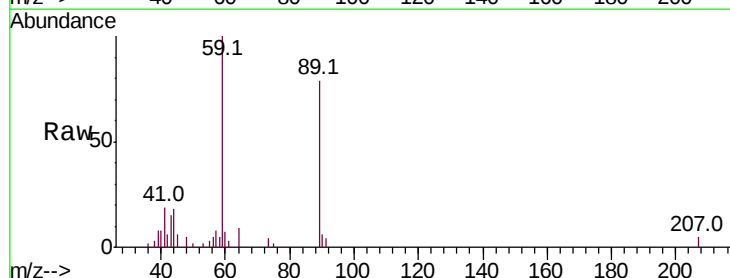
Acq: 25 Nov 2020 13:35

Tgt Ion: 59 Resp: 8605

Ion Ratio Lower Upper

59 100

57 6.6 7.9 11.9#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3000

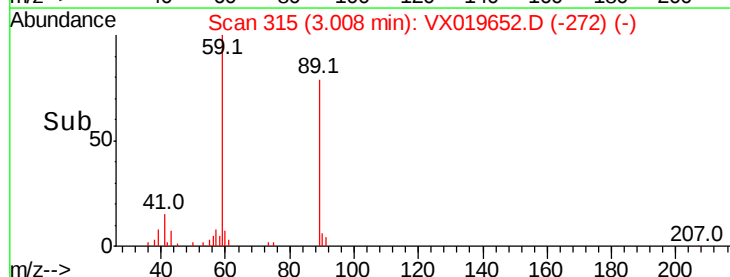
2000

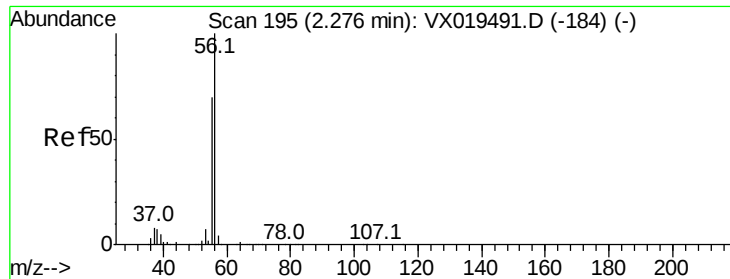
1000

0

2.90 2.95 3.00 3.05 3.10

Time-->





#13

Acrolein

Concen: 0.229 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX019652.D

Acq: 25 Nov 2020 13:35

Instrument :

MSVOA_X

ClientSampleId :

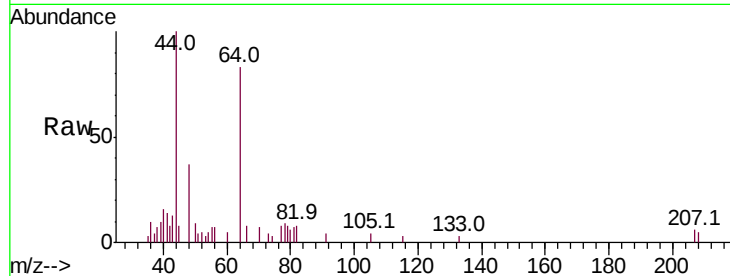
16857

Tot Ion: 56 Resp: 117

Ion Ratio Lower Upper

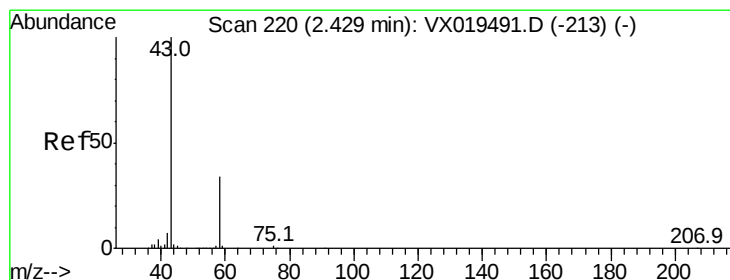
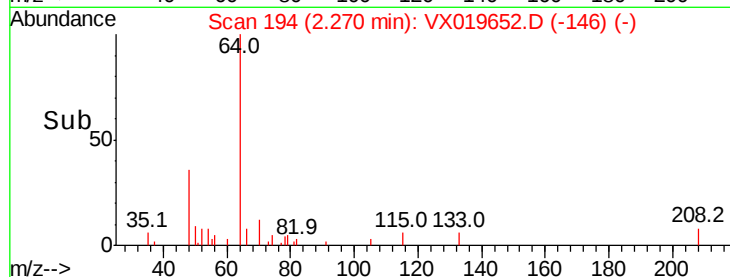
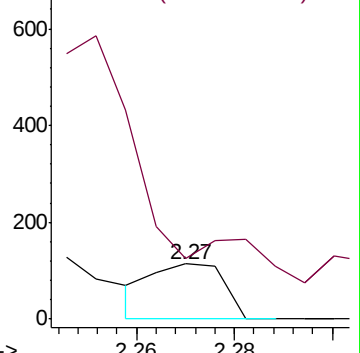
56 100

55 0.0 55.5 83.3#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#16

Acetone

Concen: 32.779 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX019652.D

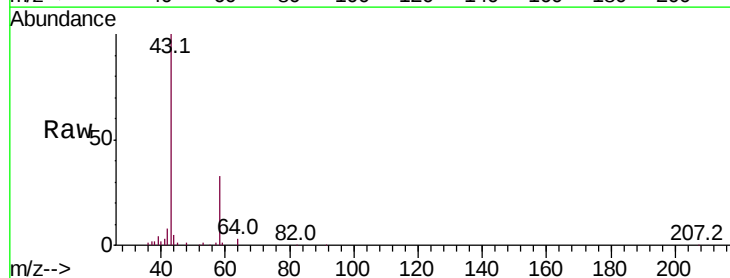
Acq: 25 Nov 2020 13:35

Tgt Ion: 43 Resp: 50952

Ion Ratio Lower Upper

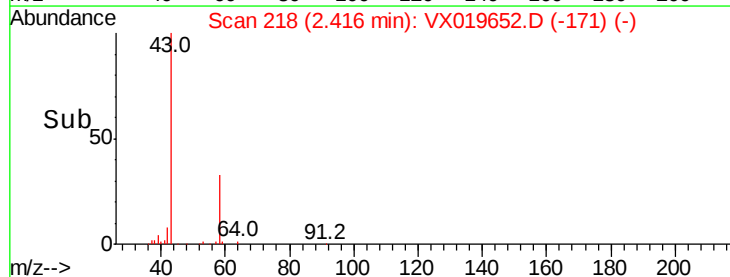
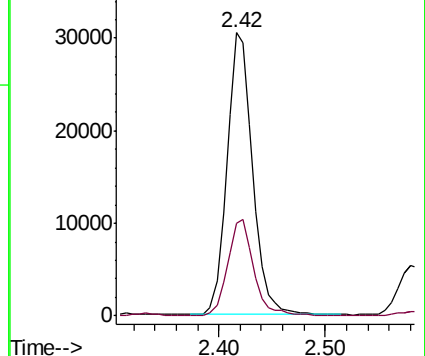
43 100

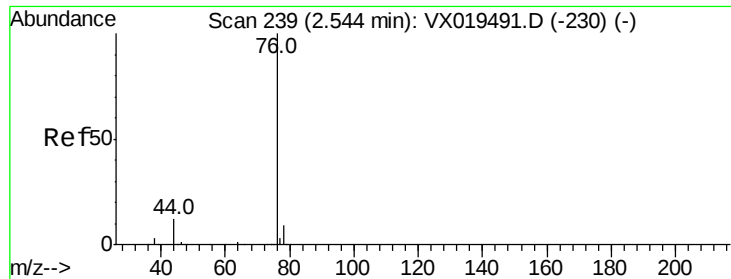
58 33.1 27.4 41.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

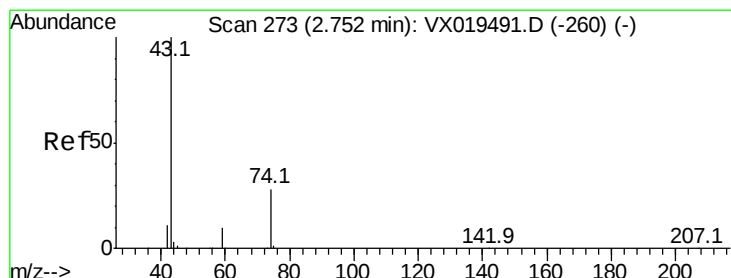
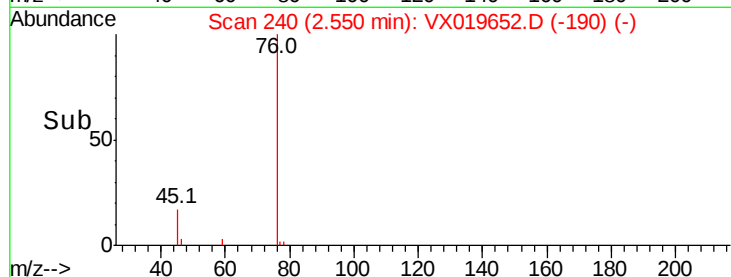
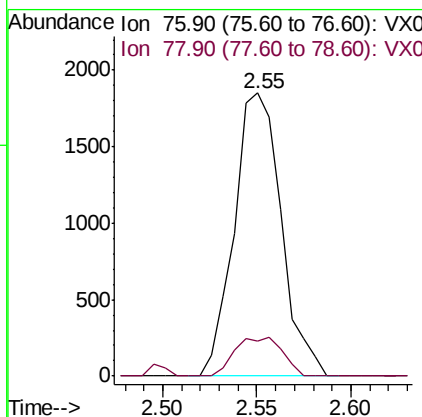
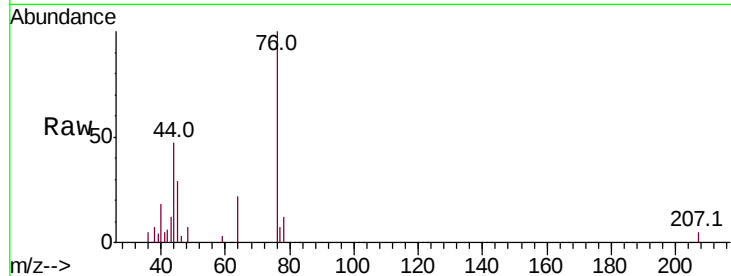




#17
Carbon Disulfide
Concen: 0.387 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.01 min
Lab File: VX019652.D
Acq: 25 Nov 2020 13:35

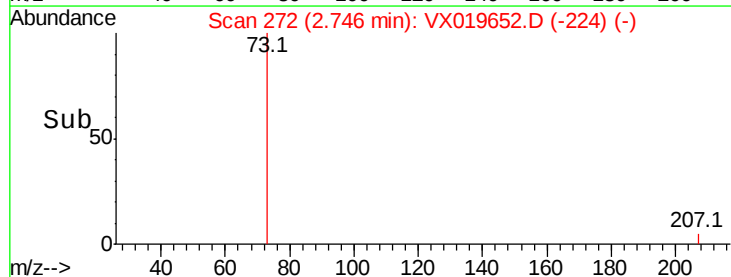
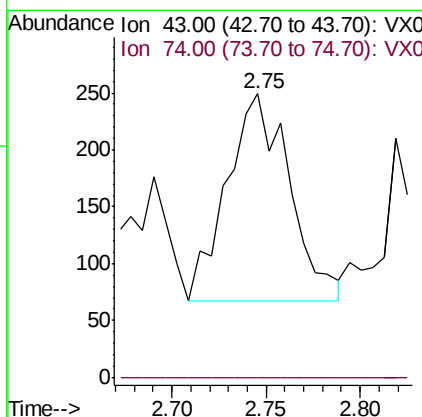
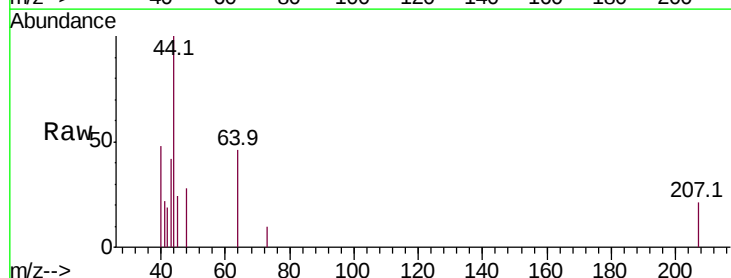
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16857

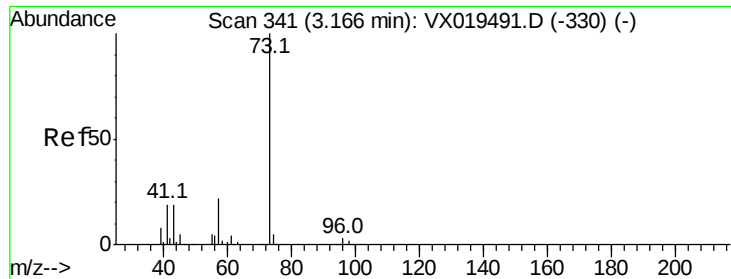
Tot Ion: 76 Resp: 3202
Ion Ratio Lower Upper
76 100
78 12.2 7.2 10.8#



#18
Methyl Acetate
Concen: 0.744 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.01 min
Lab File: VX019652.D
Acq: 25 Nov 2020 13:35

Tgt Ion: 43 Resp: 421
Ion Ratio Lower Upper
43 100
74 0.0 22.2 33.4#

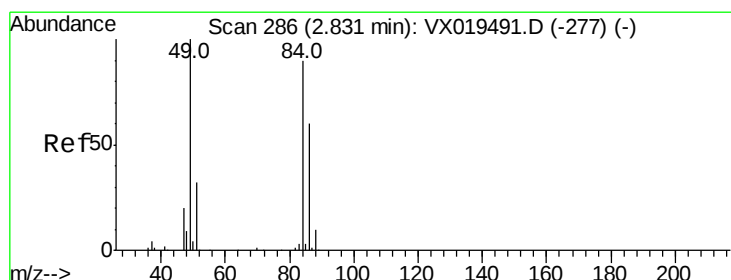
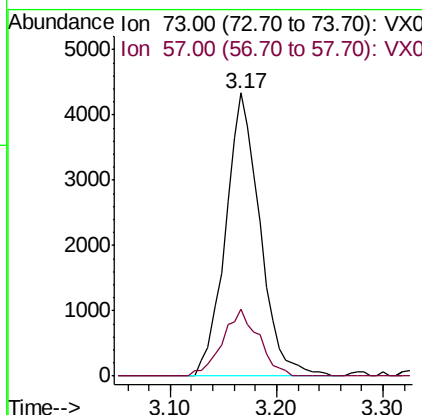
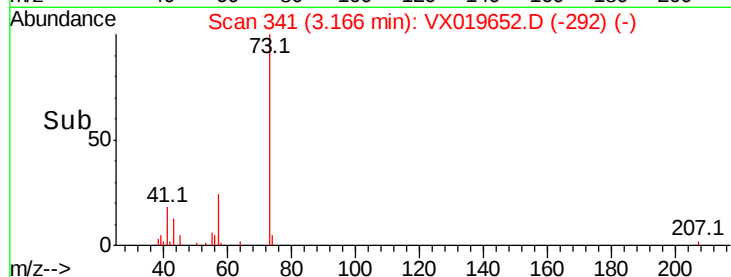
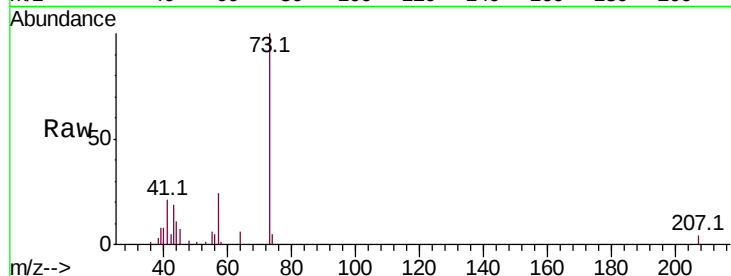




#19
Methyl tert-butyl Ether
Concen: 0.924 ug/l
RT: 3.17 min Scan# 341
Delta R.T. 0.00 min
Lab File: VX019652.D
Acq: 25 Nov 2020 13:35

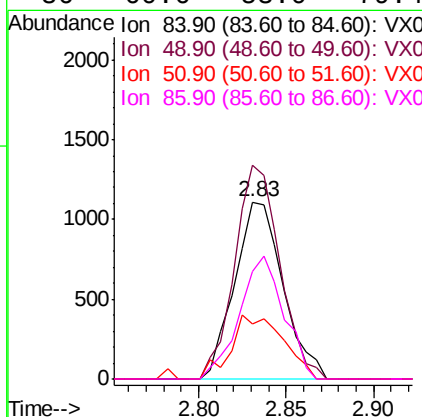
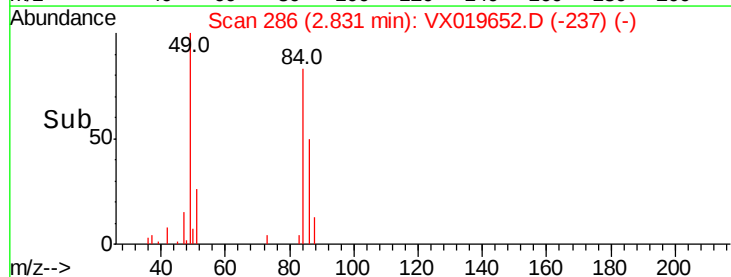
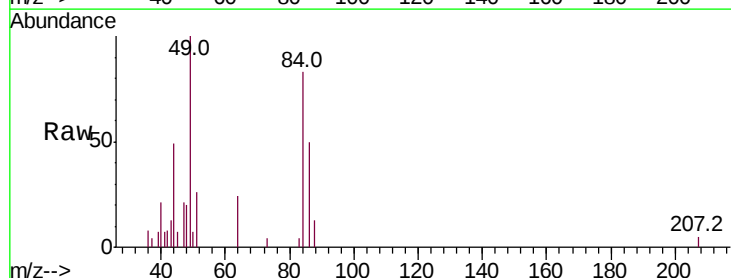
Instrument :
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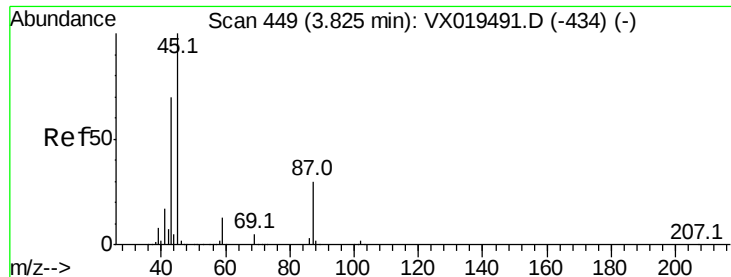
Tot Ion: 73 Resp: 9821
Ion Ratio Lower Upper
73 100
57 23.9 17.3 25.9



#20
Methylene Chloride
Concen: 0.550 ug/l
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX019652.D
Acq: 25 Nov 2020 13:35

Tgt Ion: 84 Resp: 2135
Ion Ratio Lower Upper
84 100
49 120.6 88.5 132.7
51 31.0 28.0 42.0
86 60.6 53.0 79.4





#22

Diisopropyl ether

Concen: 0.264 ug/l

RT: 3.82 min Scan# 449

Delta R.T. 0.00 min

Lab File: VX019652.D

Acq: 25 Nov 2020 13:35

Instrument :

MSVOA_X

ClientSampleId :

16857

Tot Ion: 45 Resp: 2635

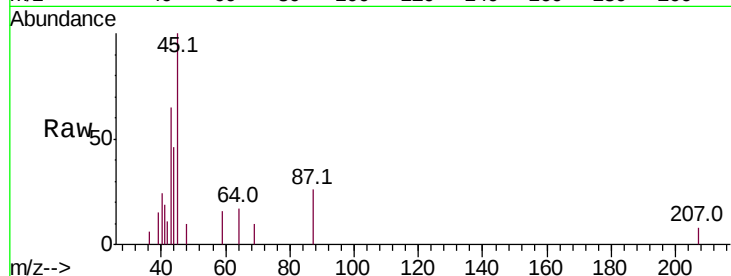
Ion Ratio Lower Upper

45 100

43 64.8 56.1 84.1

87 26.4 24.2 36.2

59 16.1 10.2 15.2#

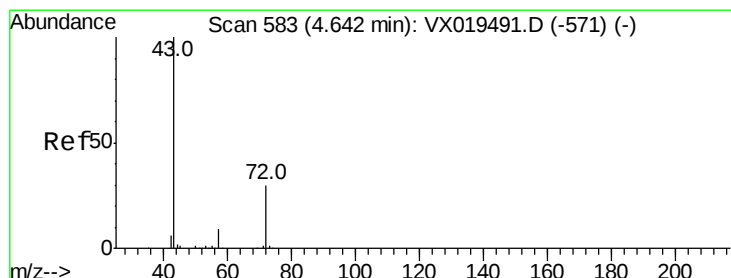
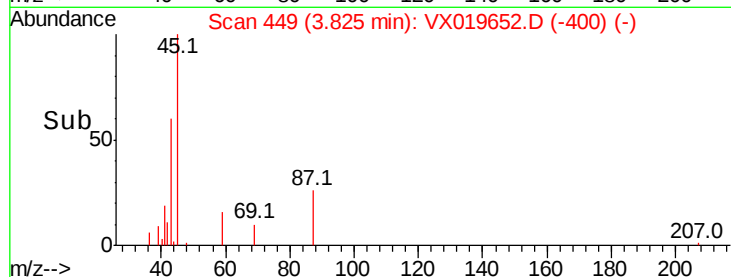
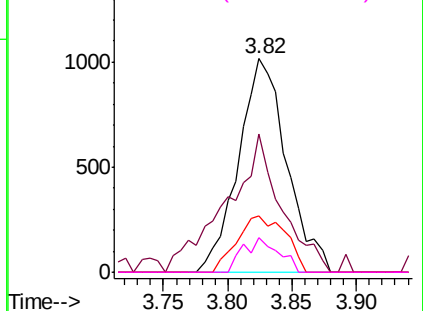


Abundance Ion 45.00 (44.70 to 45.70): VX0

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



#25

2-Butanone

Concen: 1.523 ug/l

RT: 4.65 min Scan# 585

Delta R.T. 0.01 min

Lab File: VX019652.D

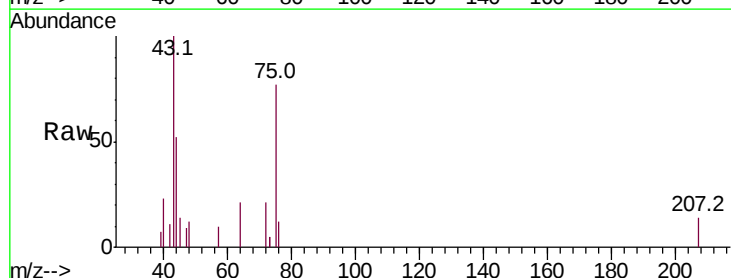
Acq: 25 Nov 2020 13:35

Tgt Ion: 43 Resp: 3557

Ion Ratio Lower Upper

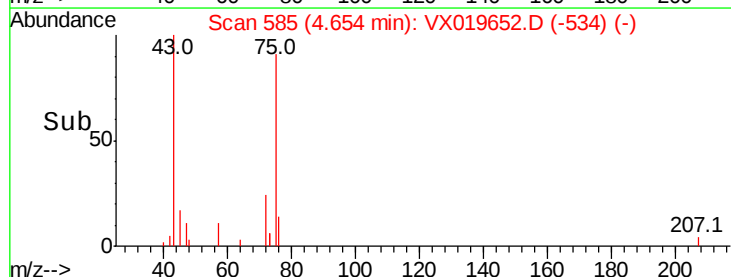
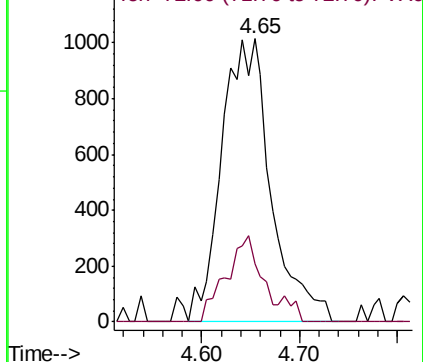
43 100

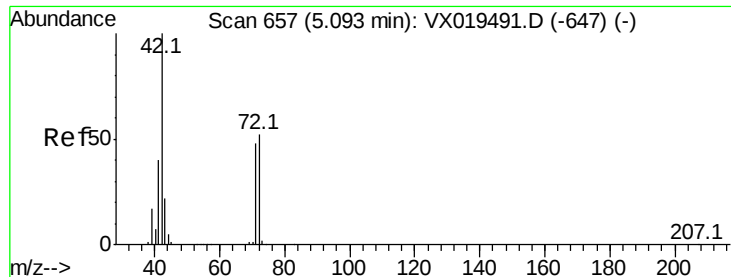
72 20.5 24.0 36.0#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

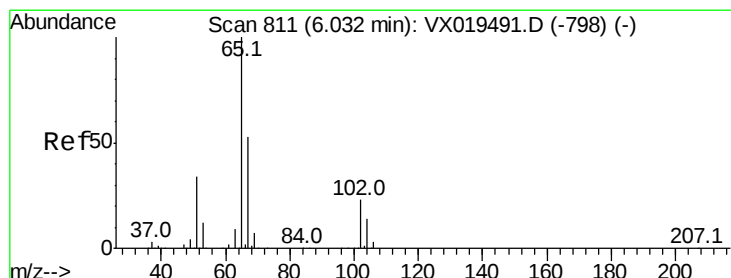
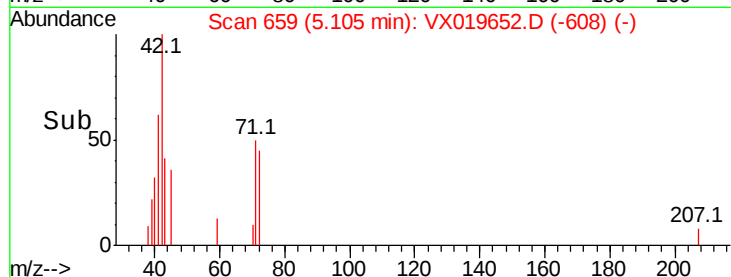
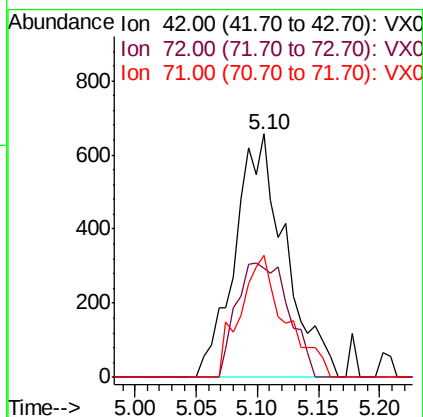
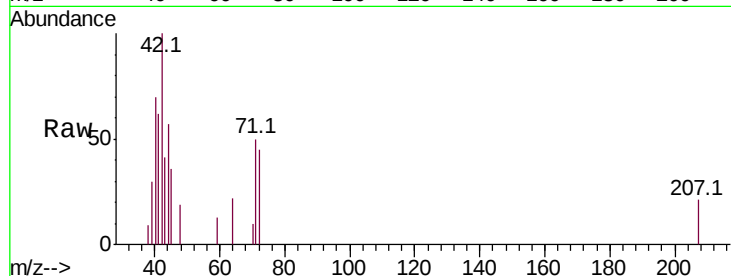




#29
Tetrahydrofuran
Concen: 1.264 ug/l
RT: 5.10 min Scan# 659
Delta R.T. 0.01 min
Lab File: VX019652.D
Acq: 25 Nov 2020 13:35

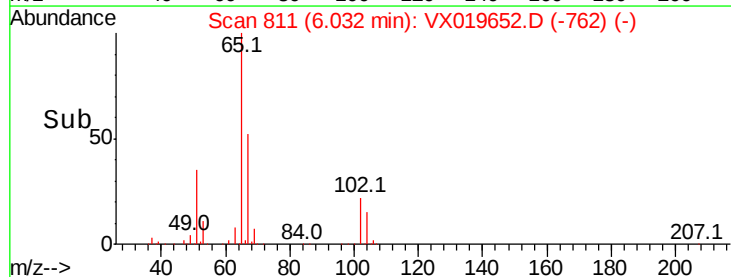
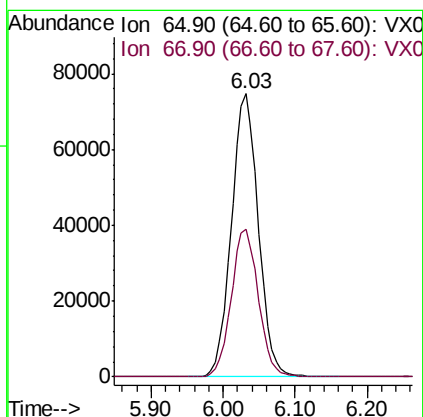
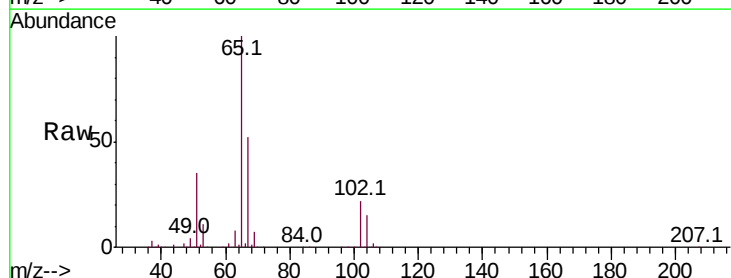
Instrument :
MSVOA_X
ClientSampled :
16857

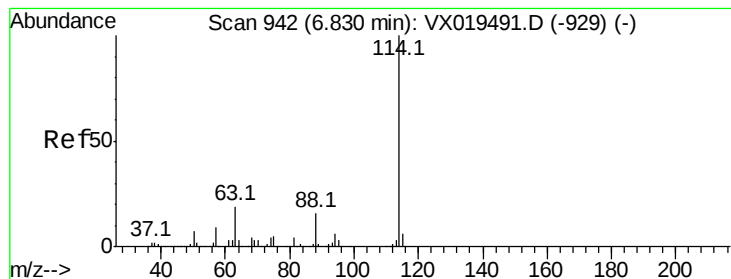
Tot Ion: 42 Resp: 1883
Ion Ratio Lower Upper
42 100
72 48.6 42.6 63.8
71 45.1 39.0 58.6



#33
1,2-Dichloroethane-d4
Concen: 48.198 ug/l
RT: 6.03 min Scan# 811
Delta R.T. 0.00 min
Lab File: VX019652.D
Acq: 25 Nov 2020 13:35

Tgt Ion: 65 Resp: 193730
Ion Ratio Lower Upper
65 100
67 52.6 0.0 105.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX019652.D

Acq: 25 Nov 2020 13:35

Instrument :

MSVOA_X

ClientSampleId :

16857

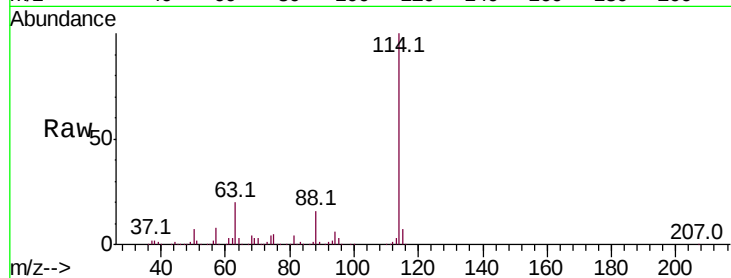
Tot Ion:114 Resp: 511007

Ion Ratio Lower Upper

114 100

63 20.1 0.0 38.8

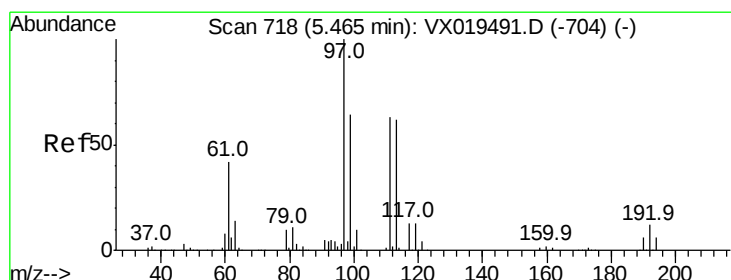
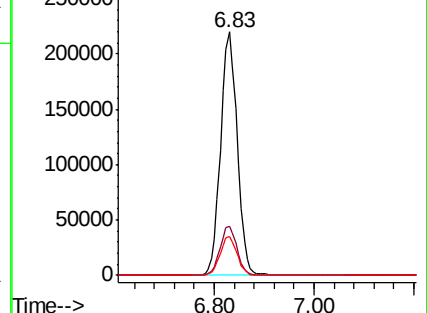
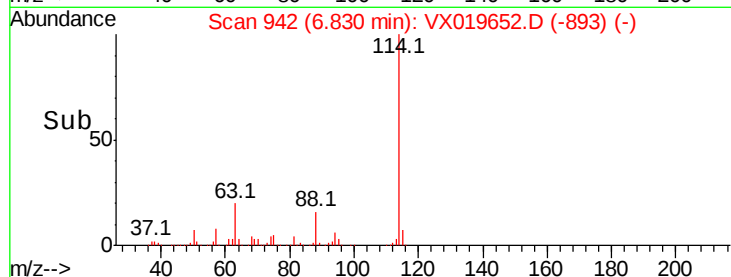
88 15.7 0.0 31.6



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: 47.747 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.00 min

Lab File: VX019652.D

Acq: 25 Nov 2020 13:35

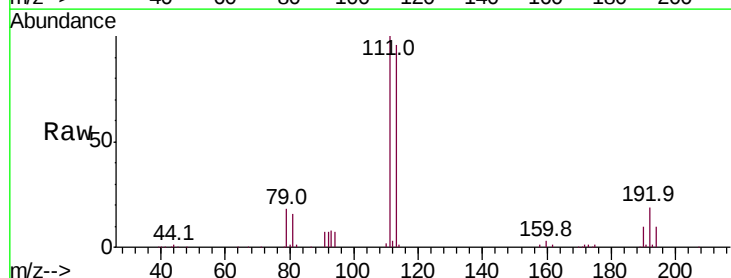
Tgt Ion:113 Resp: 153153

Ion Ratio Lower Upper

113 100

111 103.6 81.5 122.3

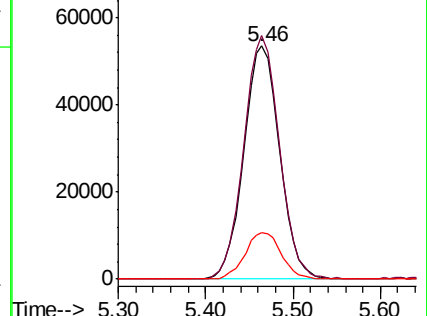
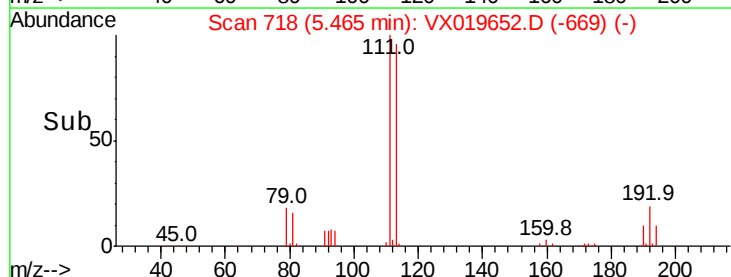
192 20.1 16.2 24.2

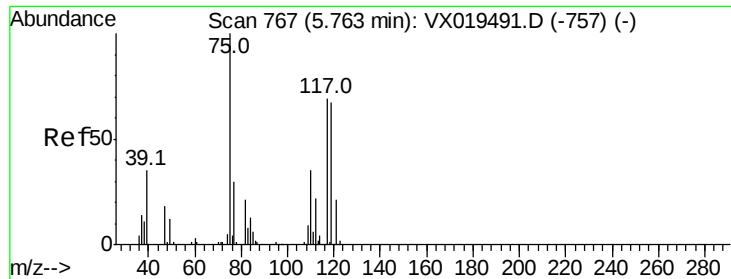


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

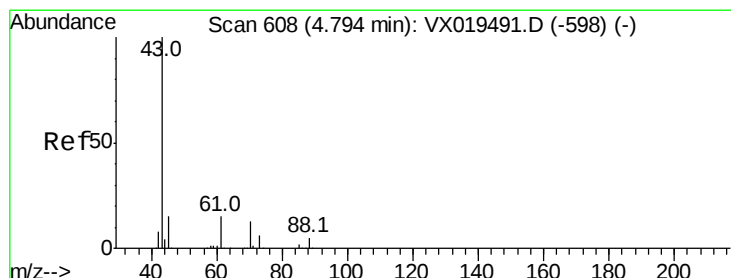
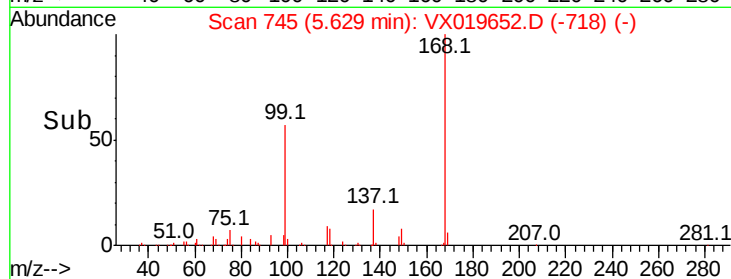
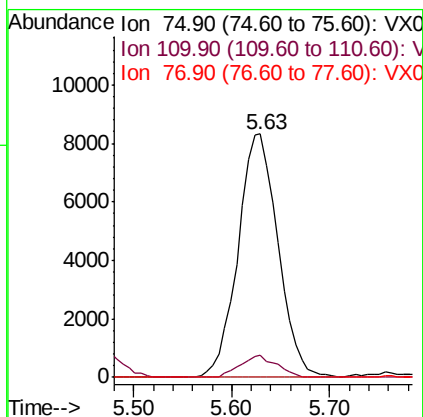
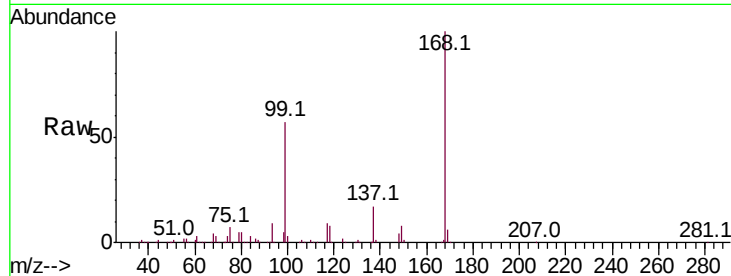




#36
 1,1-Dichloropropene
 Concen: 4.942 ug/l
 RT: 5.63 min Scan# 745
 Delta R.T. -0.13 min
 Lab File: VX019652.D
 Acq: 25 Nov 2020 13:35

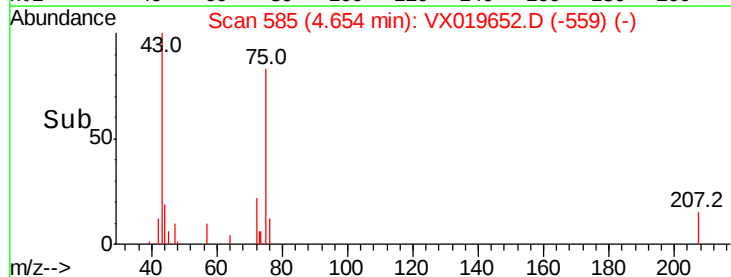
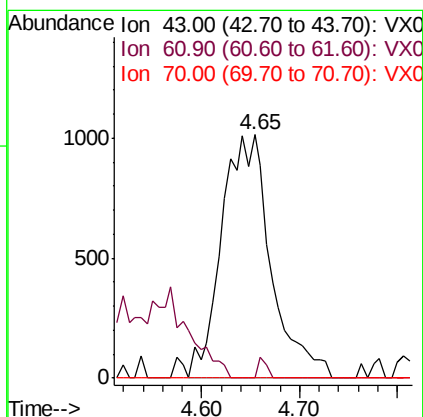
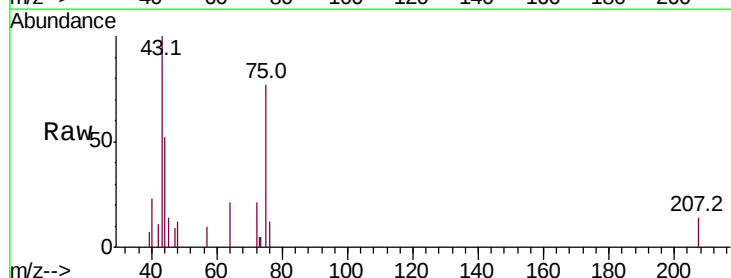
Instrument :
 MSVOA_X
 ClientSampleId :
 16857

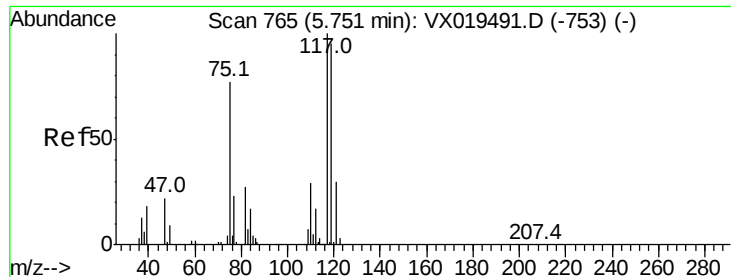
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.2	18.1	54.3#
77	0.0	24.2	36.4#



#37
 Ethyl Acetate
 Concen: 0.791 ug/l
 RT: 4.65 min Scan# 585
 Delta R.T. -0.14 min
 Lab File: VX019652.D
 Acq: 25 Nov 2020 13:35

Tgt Ion	Ratio	Lower	Upper
43	100		
61	1.5	12.7	19.1#
70	0.0	10.2	15.2#





#38

Carbon Tetrachloride

Concen: 6.461 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.12 min

Lab File: VX019652.D

Acq: 25 Nov 2020 13:35

Instrument :

MSVOA_X

ClientSampled :

16857

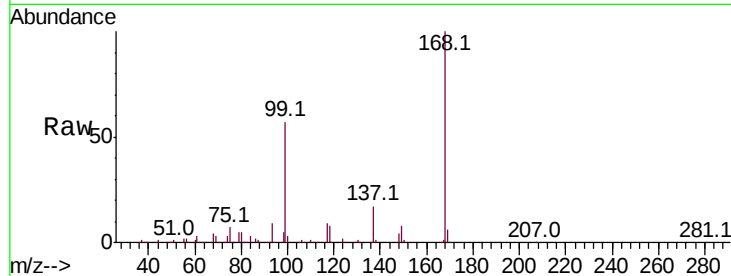
Tot Ion:117 Resp: 29961

Ion Ratio Lower Upper

117 100

119 4.7 75.9 113.9#

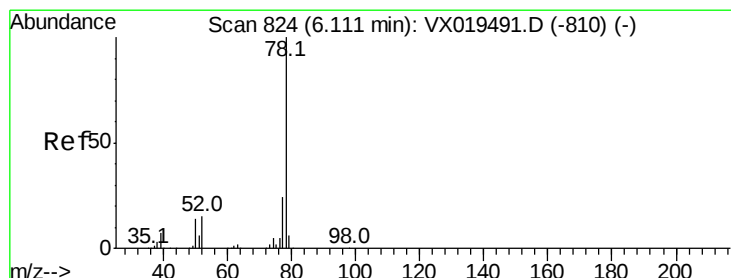
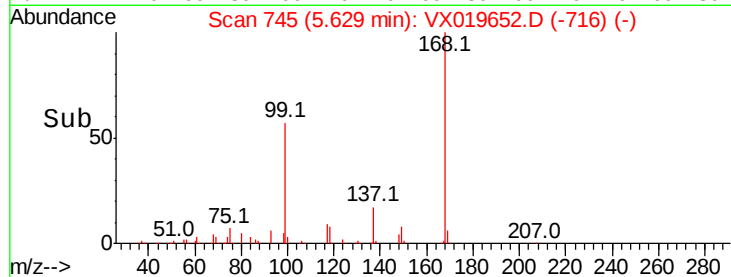
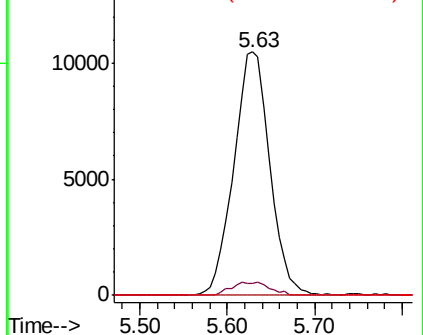
121 0.0 24.0 36.0#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#40

Benzene

Concen: 0.534 ug/l

RT: 6.11 min Scan# 824

Delta R.T. 0.00 min

Lab File: VX019652.D

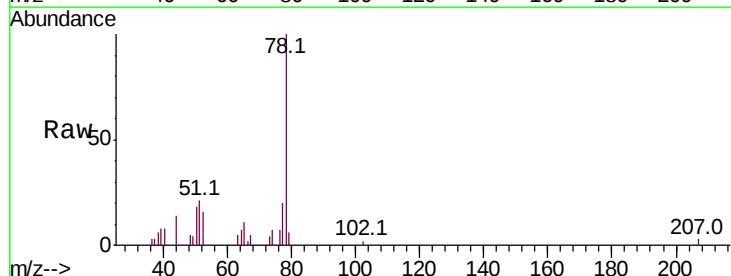
Acq: 25 Nov 2020 13:35

Tgt Ion: 78 Resp: 7856

Ion Ratio Lower Upper

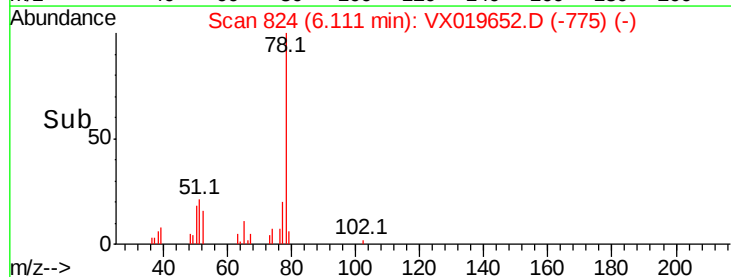
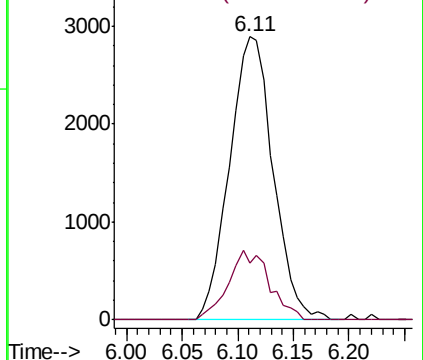
78 100

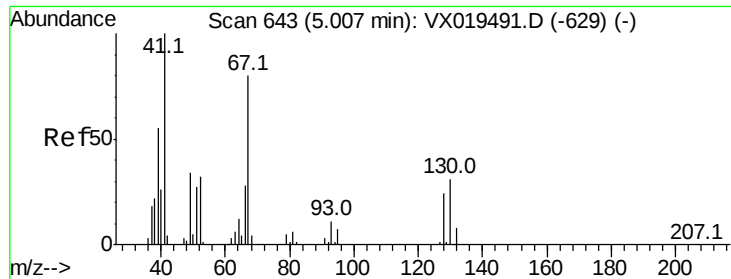
77 19.8 18.9 28.3



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

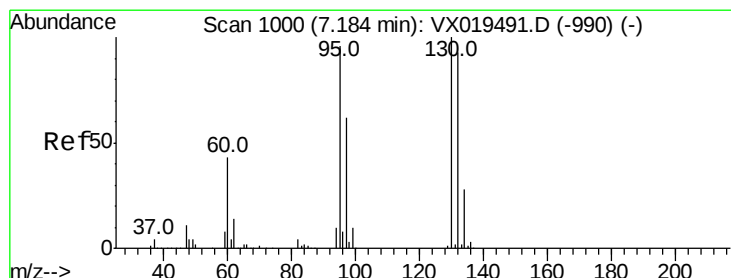
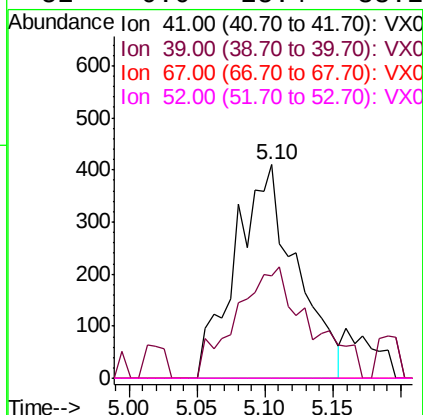
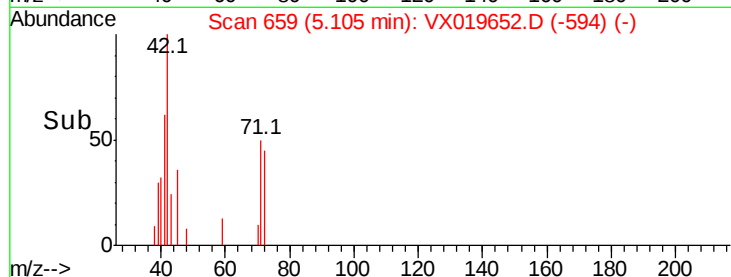
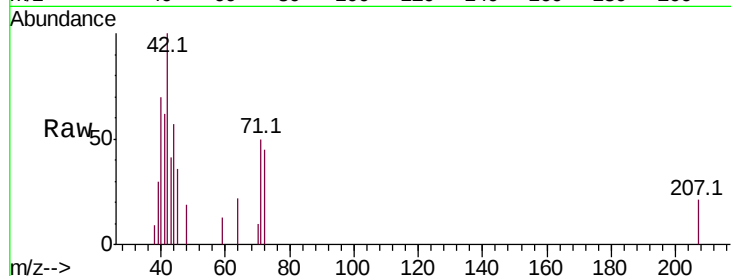




#41
Methacrylonitrile
Concen: 0.518 ug/l
RT: 5.10 min Scan# 659
Delta R.T. 0.10 min
Lab File: VX019652.D
Acq: 25 Nov 2020 13:35

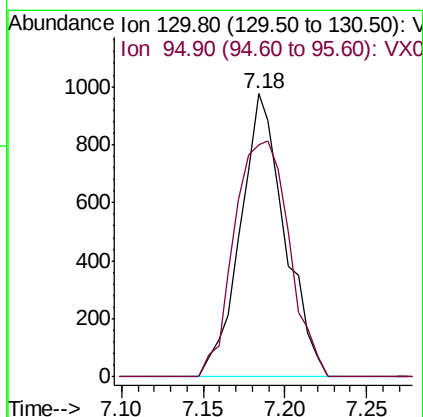
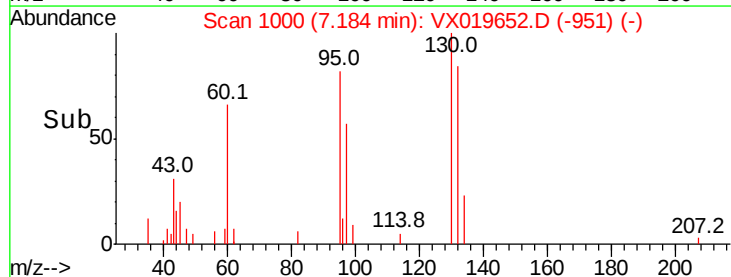
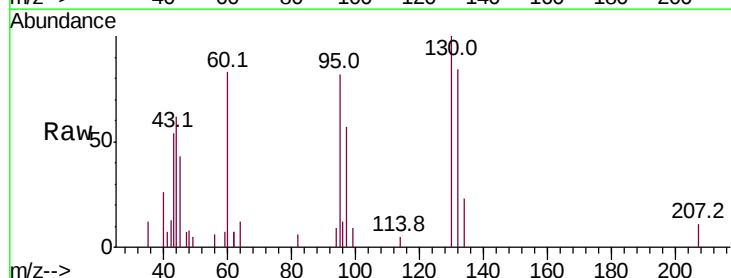
Instrument :
MSVOA_X
ClientSampled :
16857

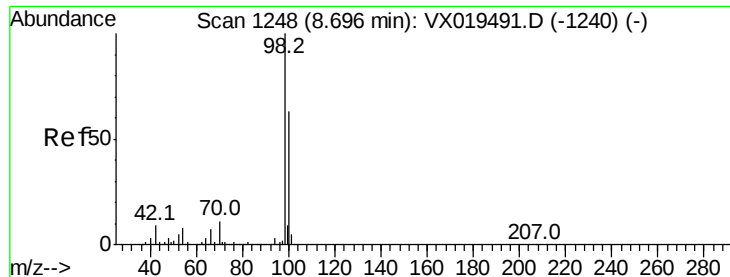
Tot Ion: 41 Resp: 1285
Ion Ratio Lower Upper
41 100
39 62.6 43.3 64.9
67 0.0 66.0 99.0#
52 0.0 25.4 38.2#



#44
Trichloroethene
Concen: 0.480 ug/l
RT: 7.18 min Scan# 1000
Delta R.T. 0.00 min
Lab File: VX019652.D
Acq: 25 Nov 2020 13:35

Tgt Ion:130 Resp: 1851
Ion Ratio Lower Upper
130 100
95 82.2 0.0 191.2





#50

Toluene-d8

Concen: 49.224 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX019652.D

Acq: 25 Nov 2020 13:35

Instrument :

MSVOA_X

ClientSampleId :

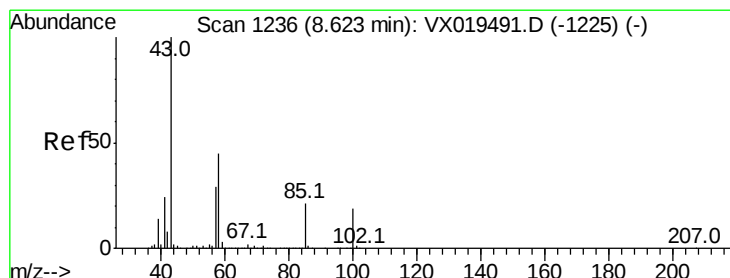
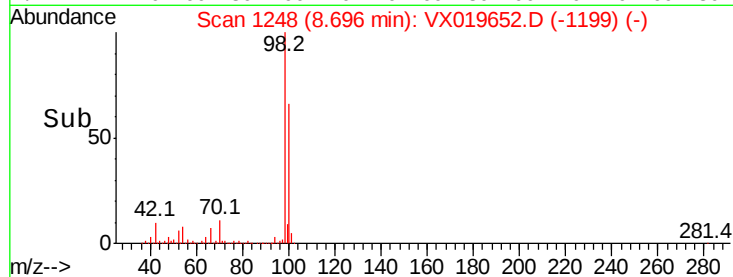
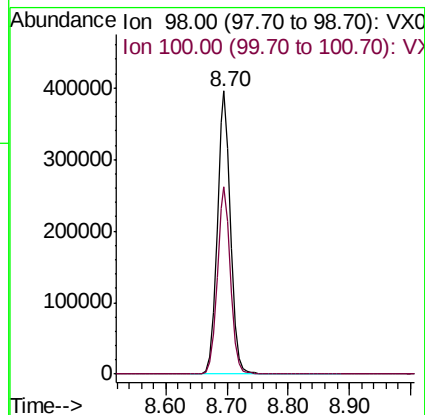
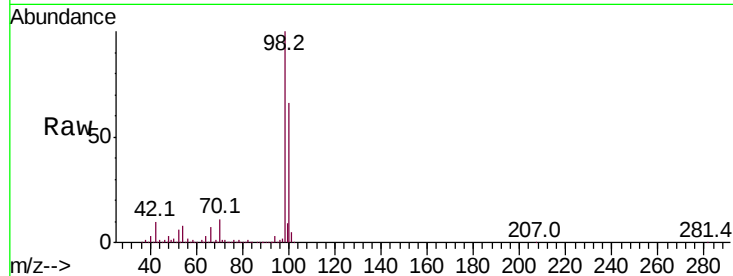
16857

Tot Ion: 98 Resp: 613548

Ion Ratio Lower Upper

98 100

100 66.0 52.4 78.6



#51

4-Methyl-2-Pentanone

Concen: 0.660 ug/l

RT: 8.62 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VX019652.D

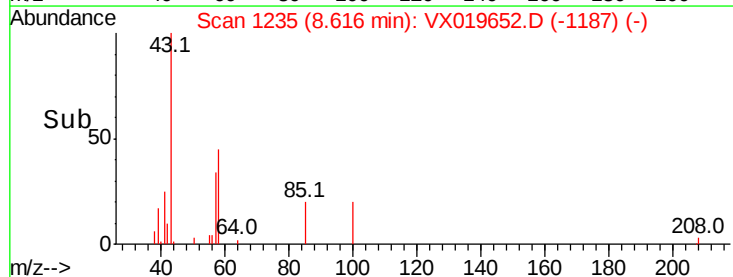
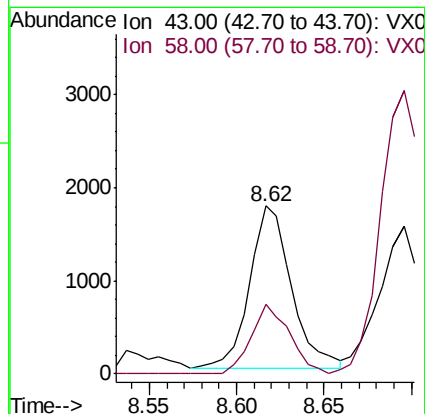
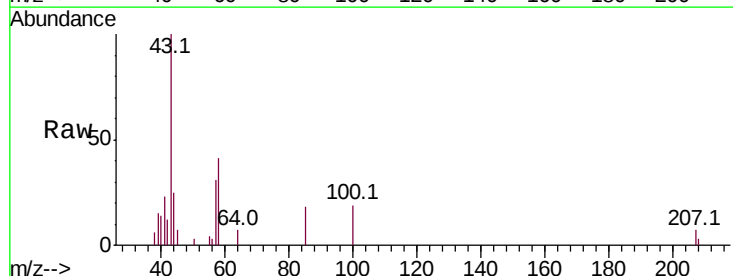
Acq: 25 Nov 2020 13:35

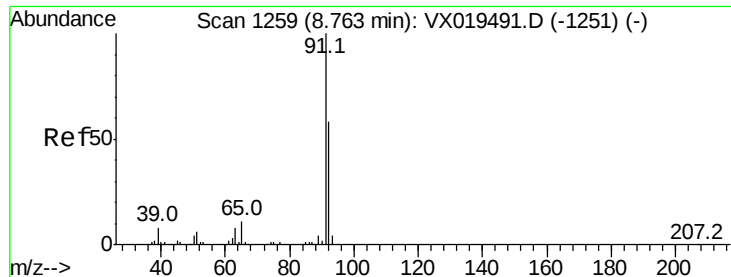
Tgt Ion: 43 Resp: 2908

Ion Ratio Lower Upper

43 100

58 39.5 35.1 52.7





#52

Toluene

Concen: 0.592 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VX019652.D

Acq: 25 Nov 2020 13:35

Instrument :

MSVOA_X

ClientSampled :

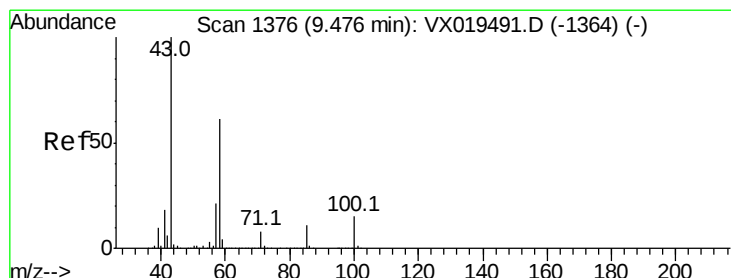
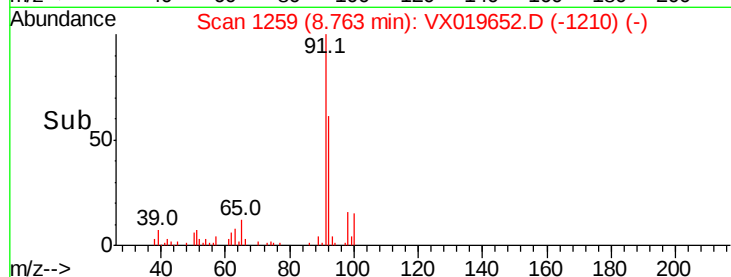
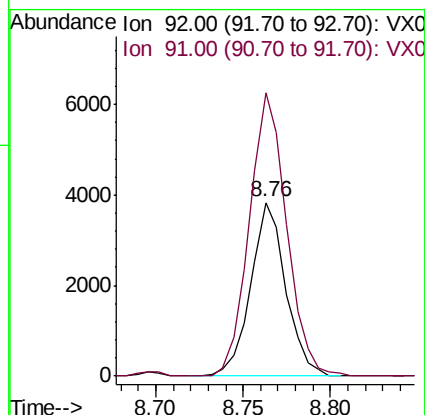
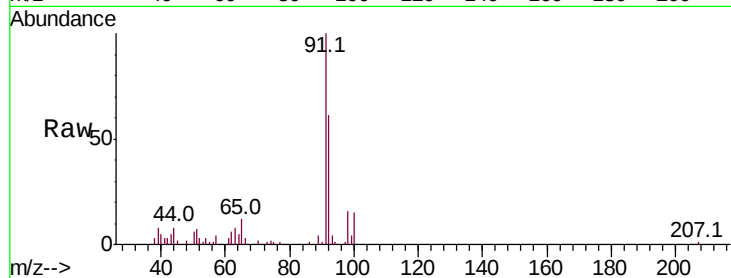
16857

Tot Ion: 92 Resp: 5331

Ion Ratio Lower Upper

92 100

91 173.4 138.1 207.1



#59

2-Hexanone

Concen: 0.240 ug/l

RT: 9.48 min Scan# 1376

Delta R.T. 0.00 min

Lab File: VX019652.D

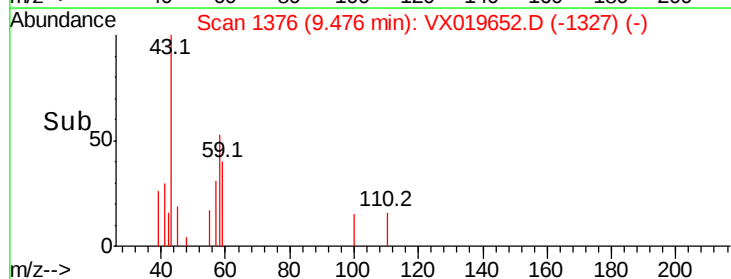
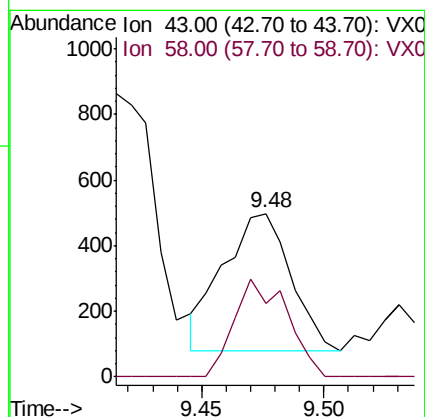
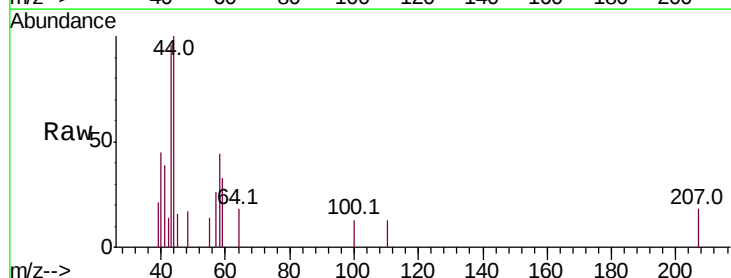
Acq: 25 Nov 2020 13:35

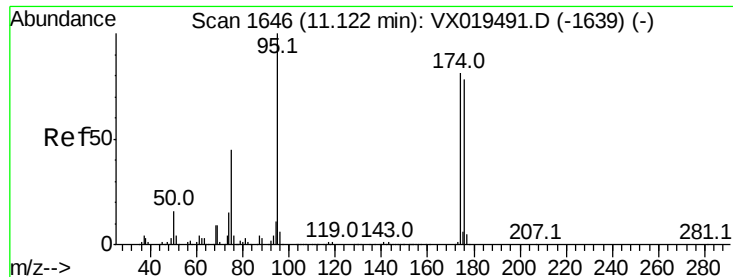
Tgt Ion: 43 Resp: 803

Ion Ratio Lower Upper

43 100

58 56.0 30.6 91.6





#62

4-Bromofluorobenzene

Concen: 50.584 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX019652.D

Acq: 25 Nov 2020 13:35

Instrument :

MSVOA_X

ClientSampleId :

16857

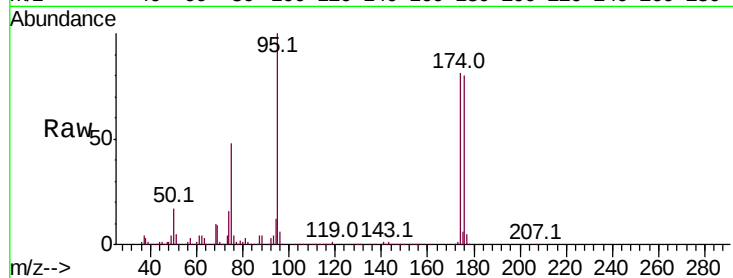
Tot Ion: 95 Resp: 226845

Ion Ratio Lower Upper

95 100

174 77.5 0.0 156.2

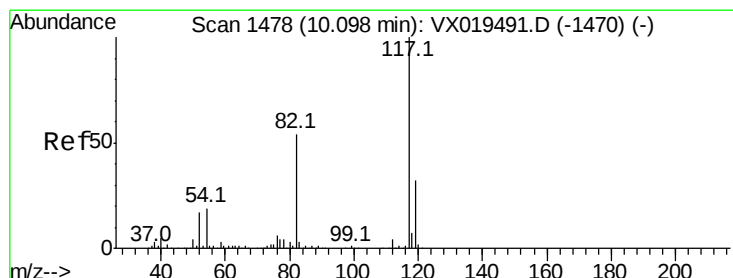
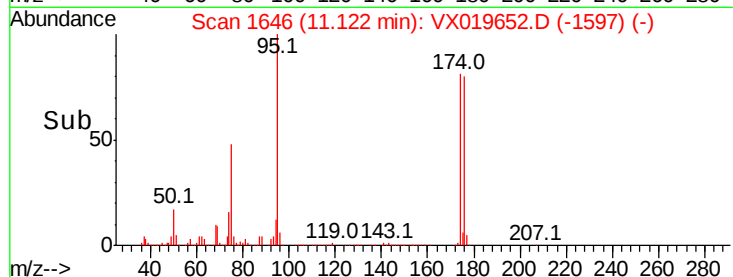
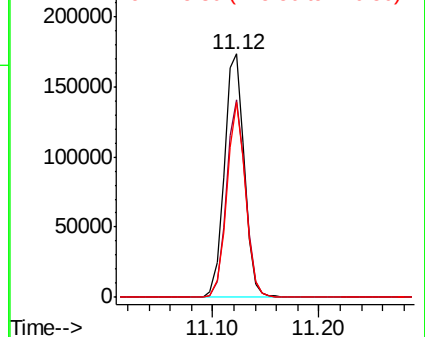
176 74.8 0.0 151.4



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): VX0

Ion 175.80 (175.50 to 176.50): VX0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. 0.00 min

Lab File: VX019652.D

Acq: 25 Nov 2020 13:35

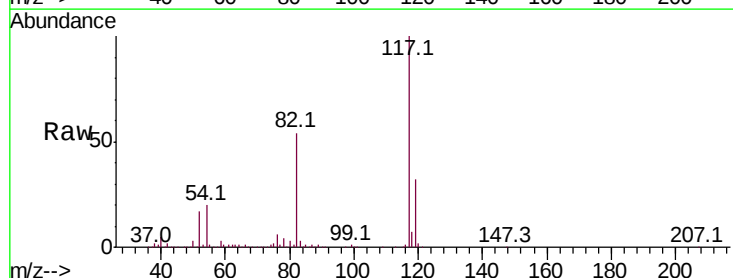
Tgt Ion: 117 Resp: 477304

Ion Ratio Lower Upper

117 100

82 54.0 43.0 64.4

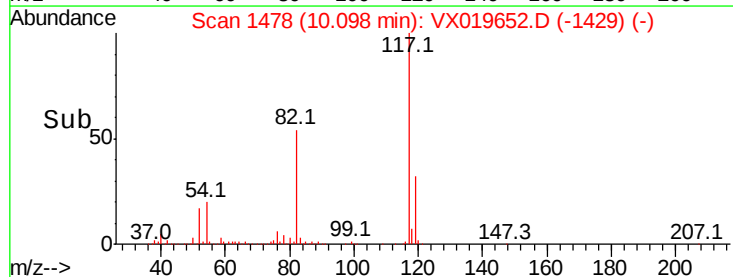
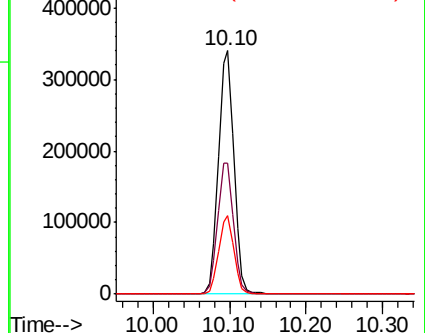
119 32.1 25.6 38.4

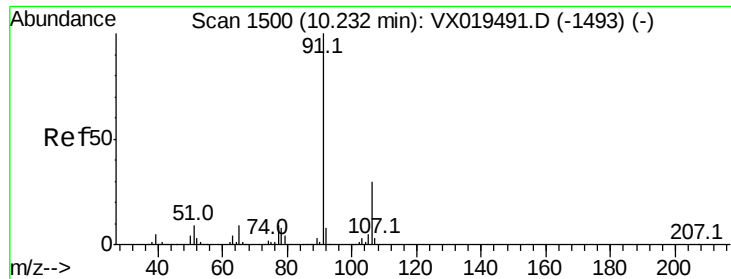


Abundance Ion 116.90 (116.60 to 117.60): VX0

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): VX0

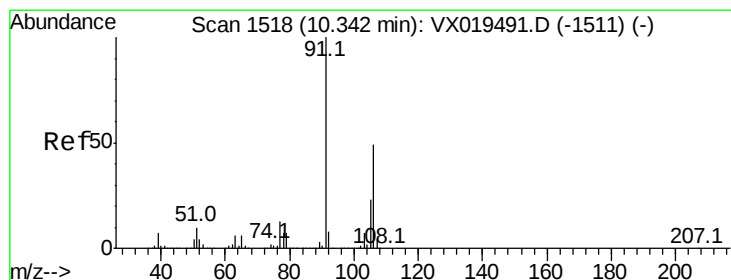
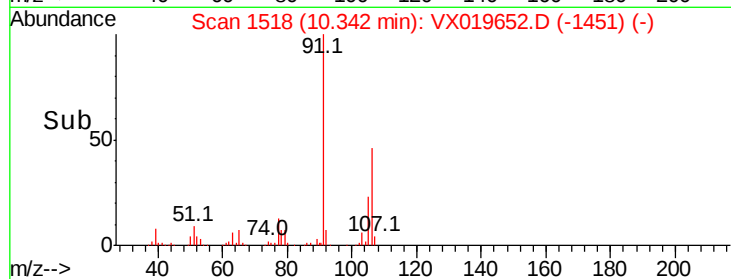
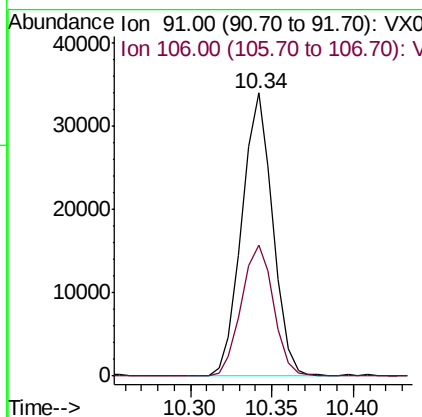
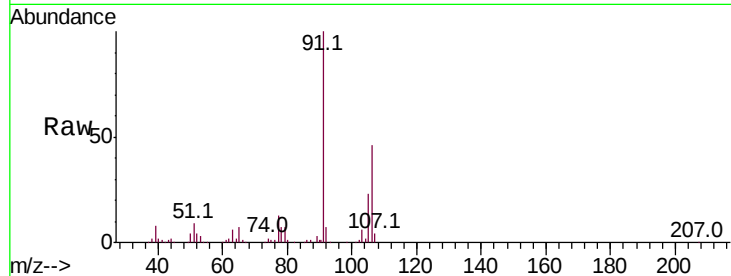




#67
Ethyl Benzene
Concen: 2.626 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.11 min
Lab File: VX019652.D
Acq: 25 Nov 2020 13:35

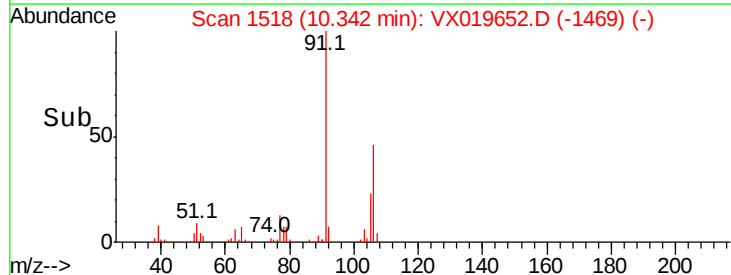
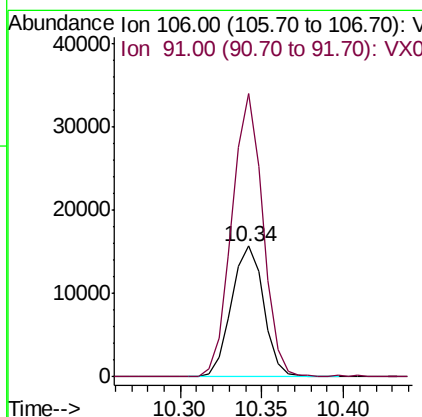
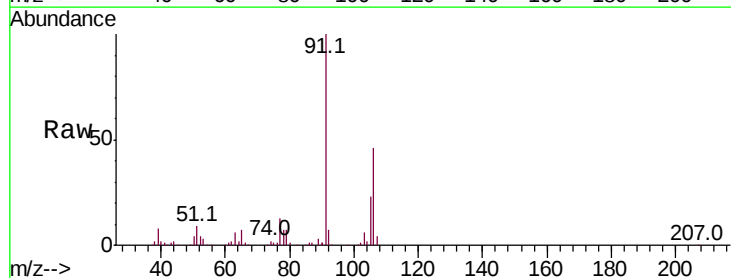
Instrument :
MSVOA_X
ClientSampleId :
16857

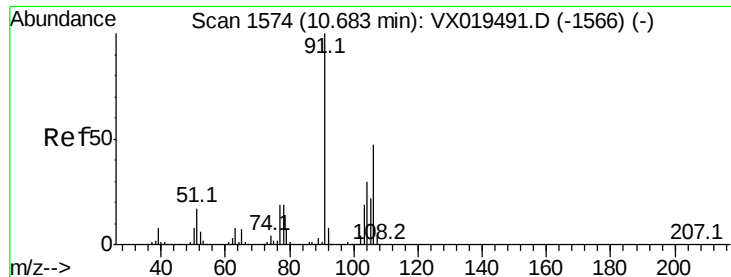
Tot Ion: 91 Resp: 45139
Ion Ratio Lower Upper
91 100
106 46.1 24.0 36.0#



#68
m/p-Xylenes
Concen: 3.379 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX019652.D
Acq: 25 Nov 2020 13:35

Tgt Ion: 106 Resp: 21641
Ion Ratio Lower Upper
106 100
91 208.6 163.3 244.9

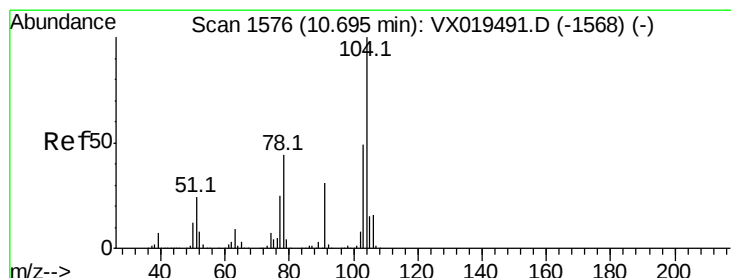
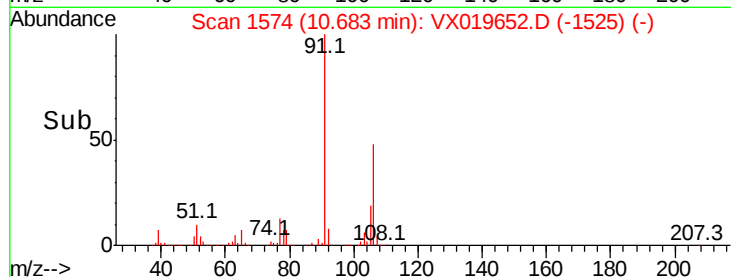
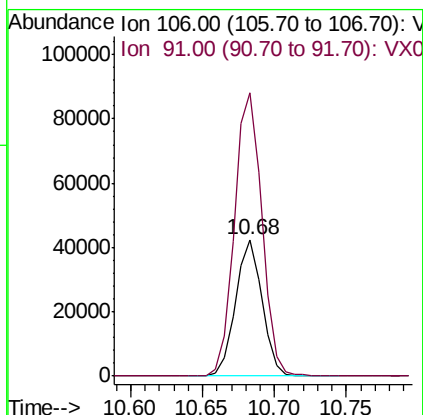
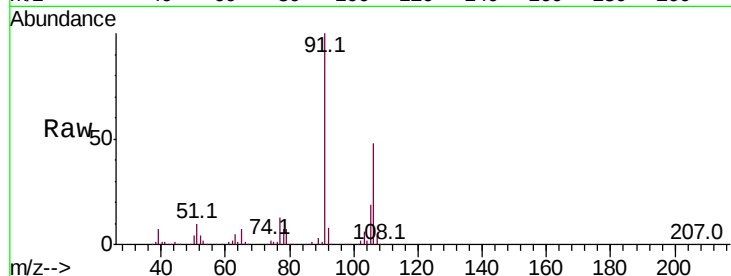




#69
o-Xylene
Concen: 8.893 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX019652.D
Acq: 25 Nov 2020 13:35

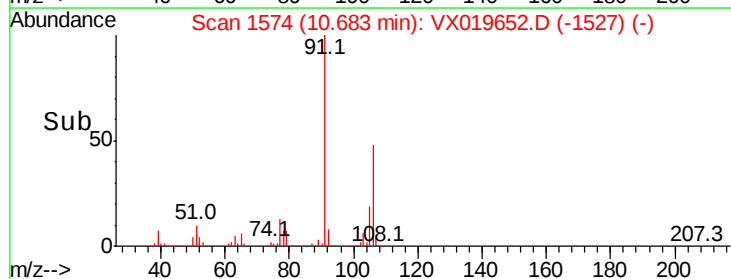
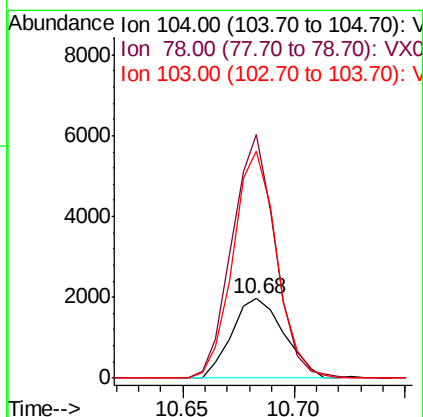
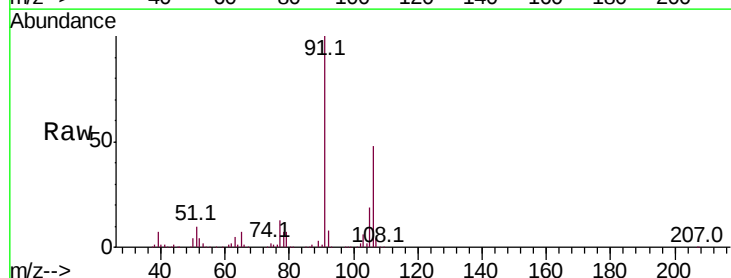
Instrument :
MSVOA_X
ClientSampled :
16857

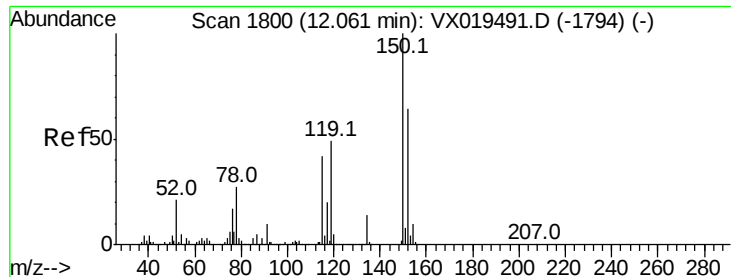
Tot Ion:106 Resp: 54450
Ion Ratio Lower Upper
106 100
91 216.4 108.0 324.0



#70
Styrene
Concen: 1.918 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.01 min
Lab File: VX019652.D
Acq: 25 Nov 2020 13:35

Tgt Ion:104 Resp: 3189
Ion Ratio Lower Upper
104 100
78 255.9 39.5 59.3#
103 240.2 43.6 65.4#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX019652.D

Acq: 25 Nov 2020 13:35

Instrument :

MSVOA_X

ClientSampleId :

16857

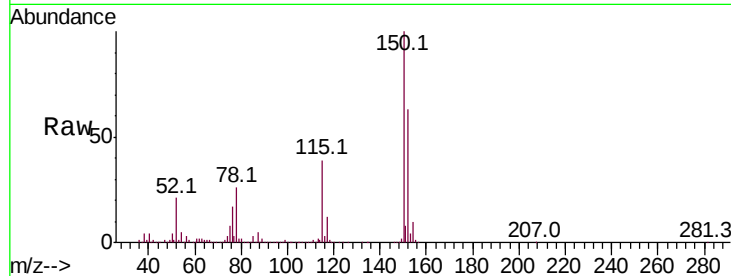
Tot Ion:152 Resp: 211269

Ion Ratio Lower Upper

152 100

115 59.9 41.8 125.4

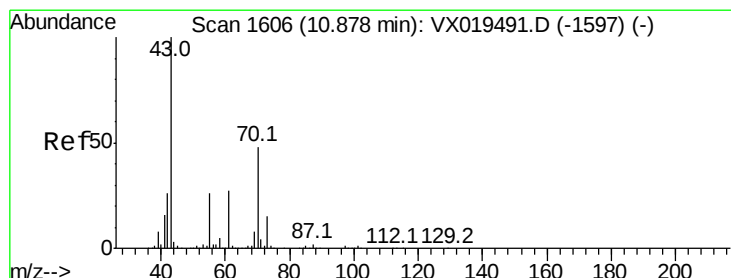
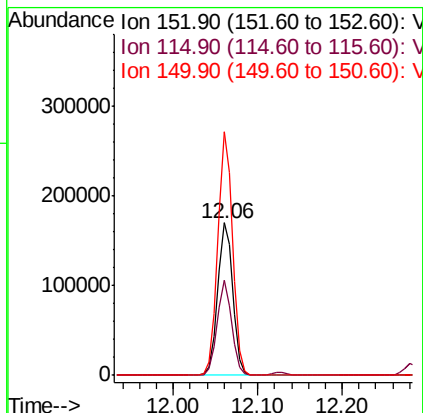
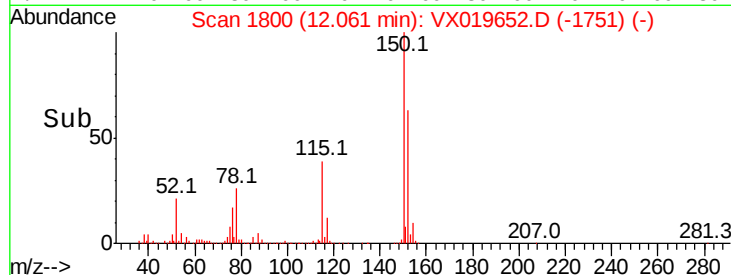
150 156.9 0.0 348.2



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



#74

N-ethyl acetate

Concen: 0.213 ug/l

RT: 10.93 min Scan# 1614

Delta R.T. 0.05 min

Lab File: VX019652.D

Acq: 25 Nov 2020 13:35

Tgt Ion: 43 Resp: 1166

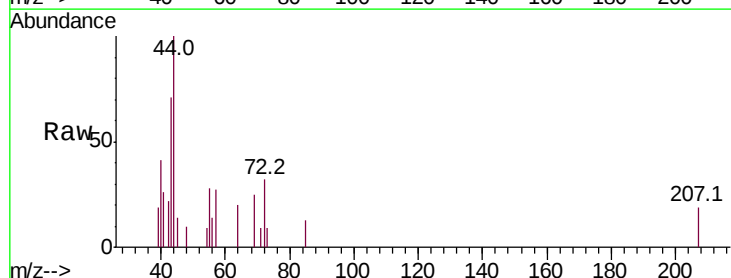
Ion Ratio Lower Upper

43 100

70 0.0 39.7 59.5#

55 0.0 21.8 32.6#

61 0.0 22.2 33.4#

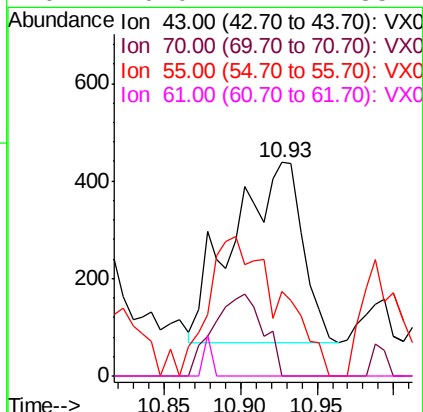
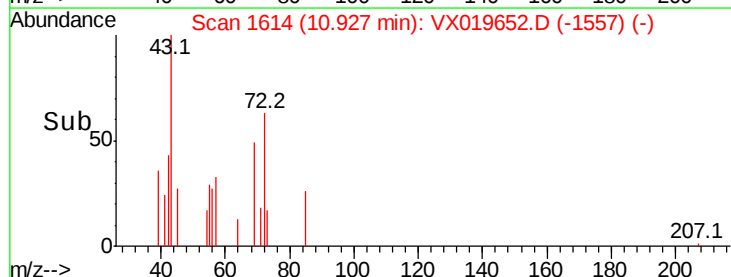


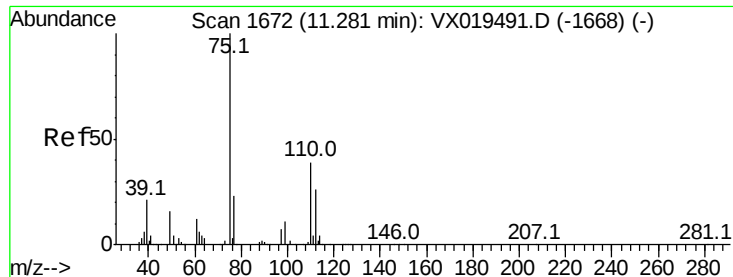
Abundance Ion 43.00 (42.70 to 43.70): VX0

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





#76

1,2,3-Trichloropropane

Concen: 24.095 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX019652.D

Acq: 25 Nov 2020 13:35

Instrument :

MSVOA_X

ClientSampleId :

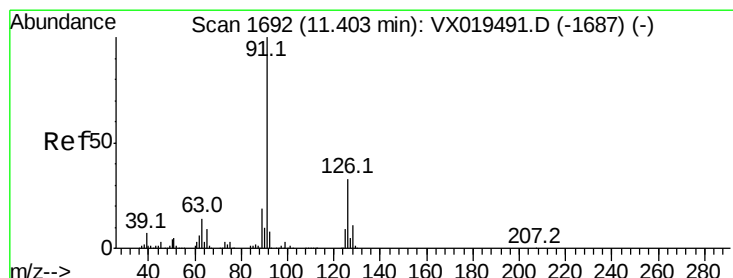
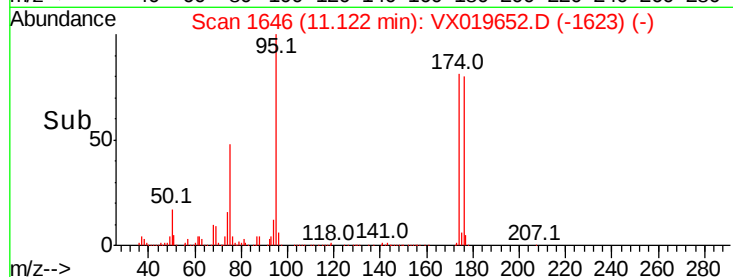
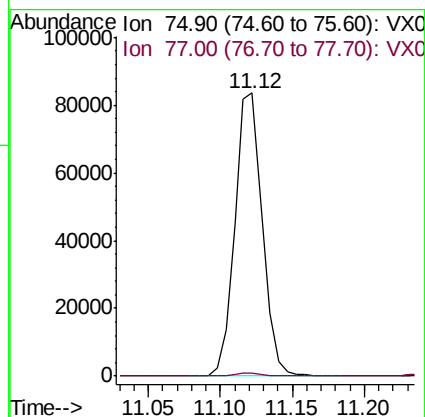
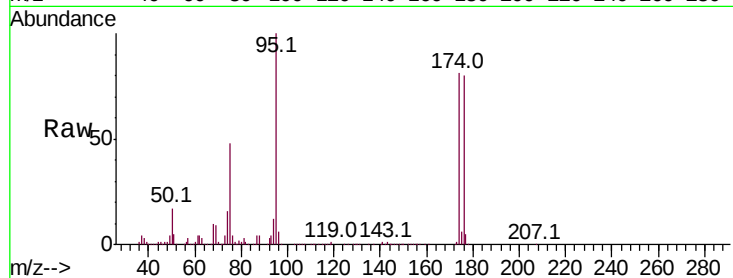
16857

Tot Ion: 75 Resp: 111094

Ion Ratio Lower Upper

75 100

77 1.4 20.0 60.0#



#79

2-Chlorotoluene

Concen: 0.605 ug/l

RT: 11.41 min Scan# 1694

Delta R.T. 0.01 min

Lab File: VX019652.D

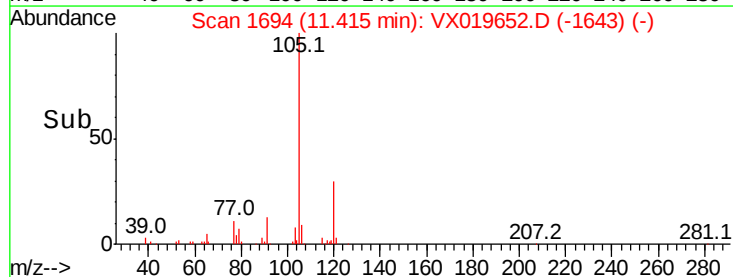
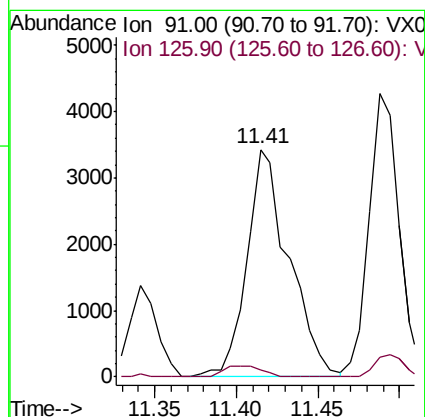
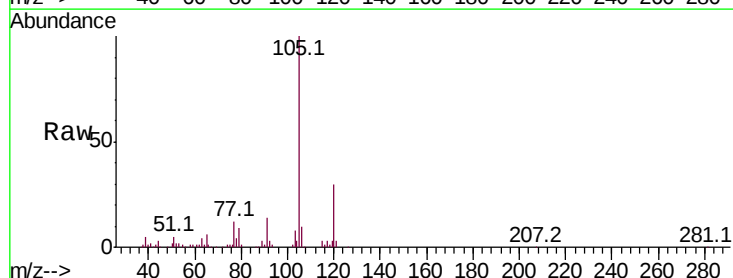
Acq: 25 Nov 2020 13:35

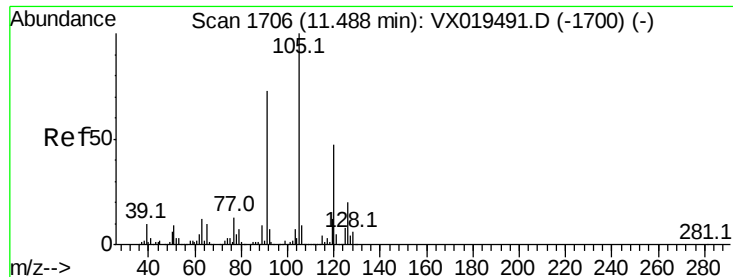
Tgt Ion: 91 Resp: 6152

Ion Ratio Lower Upper

91 100

126 4.4 16.7 50.0#

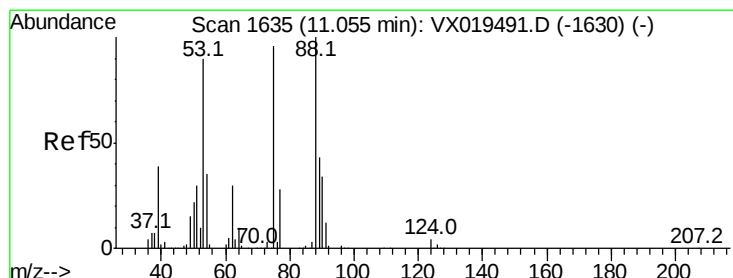
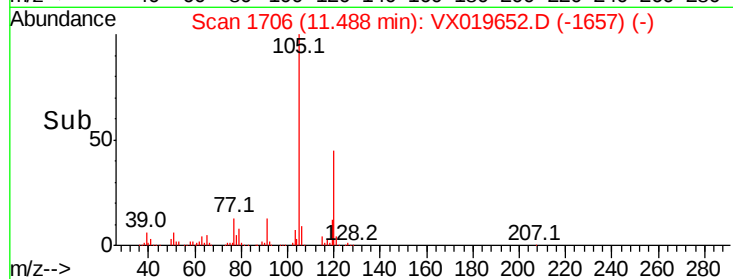
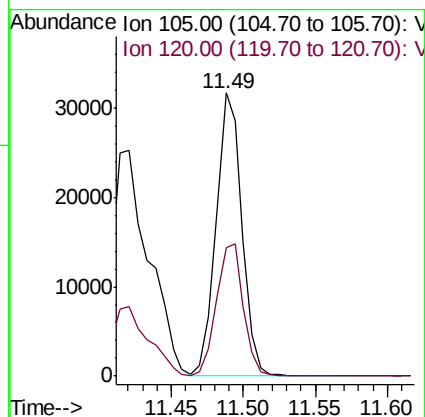
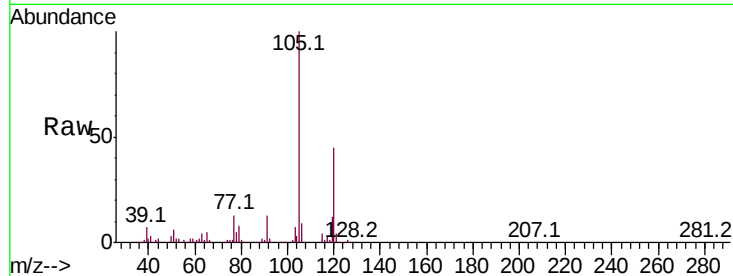




#80
 1,3,5-Trimethylbenzene
 Concen: 3.237 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. 0.00 min
 Lab File: VX019652.D
 Acq: 25 Nov 2020 13:35

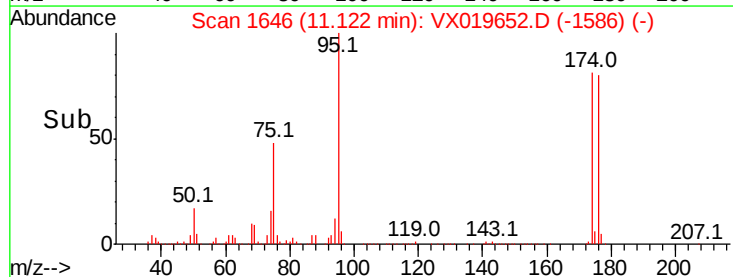
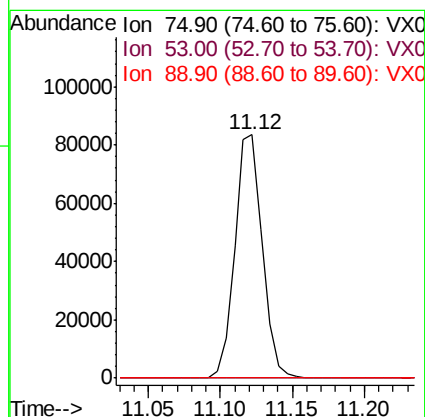
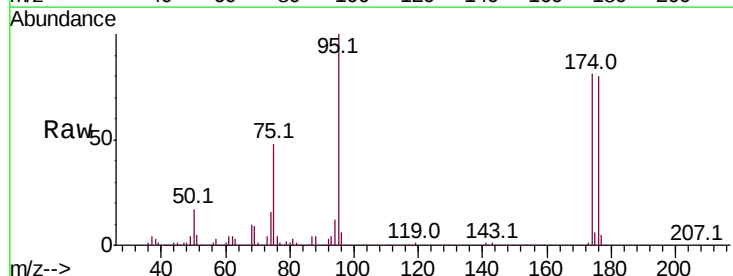
Instrument :
 MSVOA_X
 ClientSampleId :
 16857

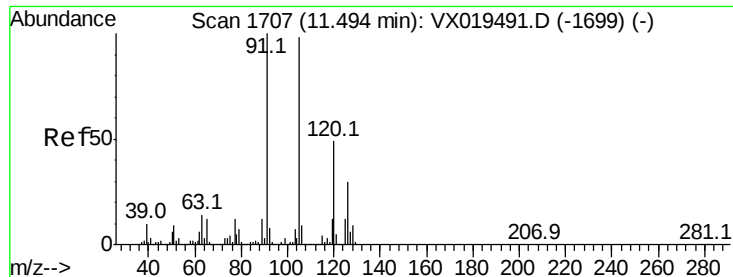
Tot Ion:105 Resp: 39689
 Ion Ratio Lower Upper
 105 100
 120 48.8 24.1 72.3



#81
 trans-1,4-Dichloro-2-butene
 Concen: 63.803 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. 0.07 min
 Lab File: VX019652.D
 Acq: 25 Nov 2020 13:35

Tgt Ion: 75 Resp: 111094
 Ion Ratio Lower Upper
 75 100
 53 0.1 73.9 110.9#
 89 0.0 37.3 55.9#





#82

4-Chlorotoluene

Concen: 0.461 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX019652.D

Acq: 25 Nov 2020 13:35

Instrument :

MSVOA_X

ClientSampleId :

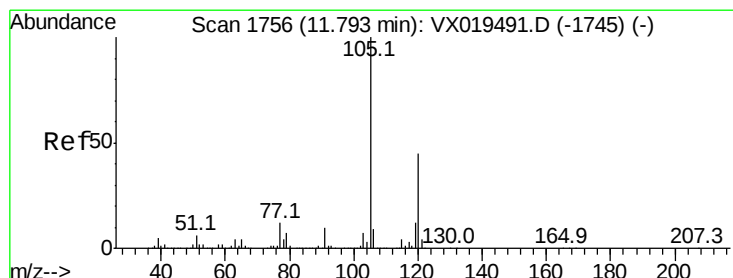
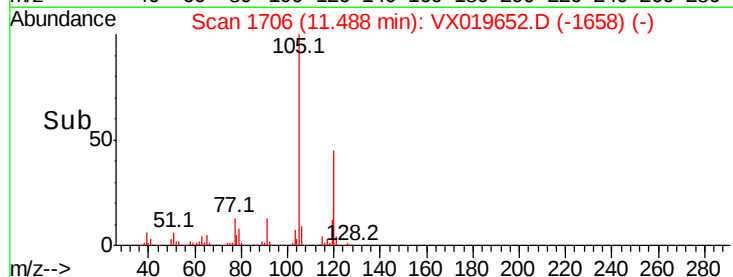
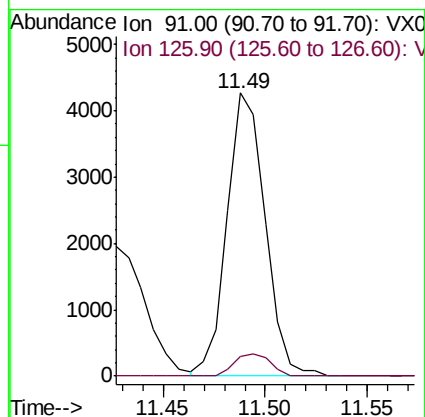
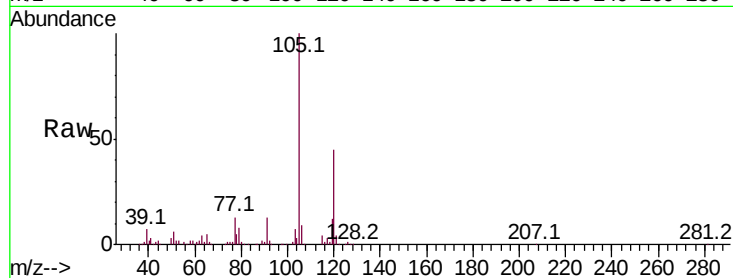
16857

Tot Ion: 91 Resp: 5520

Ion Ratio Lower Upper

91 100

126 7.5 14.9 44.7#



#84

1,2,4-Trimethylbenzene

Concen: 3.670 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. 0.00 min

Lab File: VX019652.D

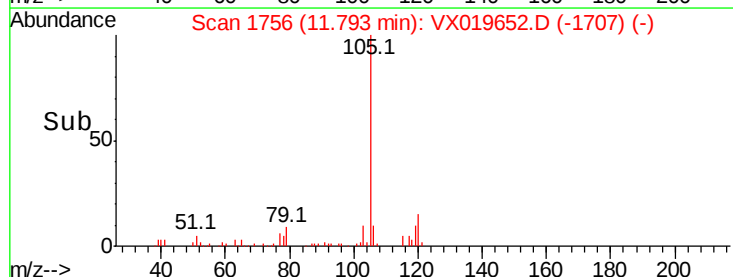
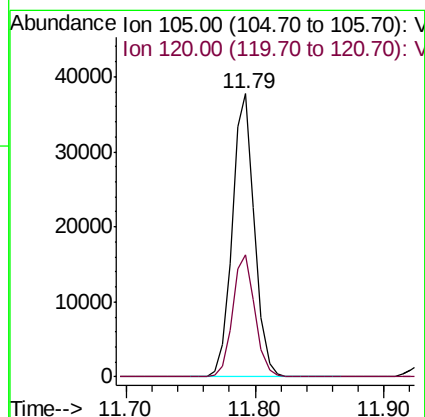
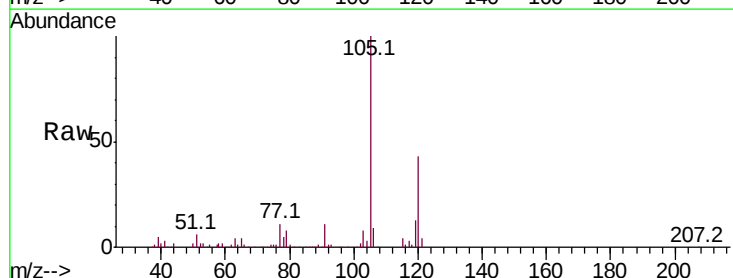
Acq: 25 Nov 2020 13:35

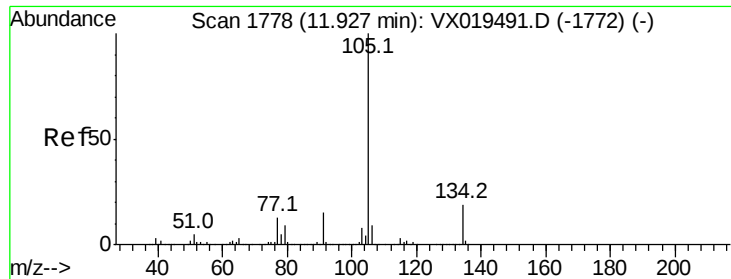
Tgt Ion: 105 Resp: 45521

Ion Ratio Lower Upper

105 100

120 43.2 22.2 66.6





#85

sec-Butylbenzene

Concen: 3.226 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.13 min

Lab File: VX019652.D

Acq: 25 Nov 2020 13:35

Instrument :

MSVOA_X

ClientSampleId :

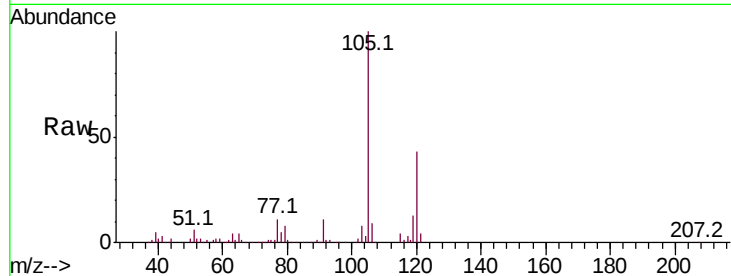
16857

Tot Ion:105 Resp: 45521

Ion Ratio Lower Upper

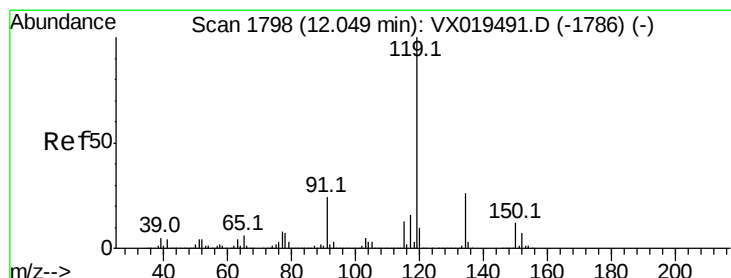
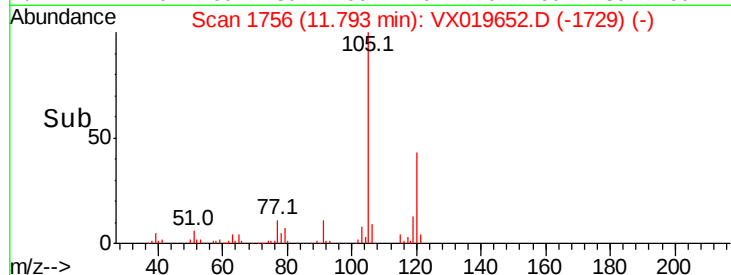
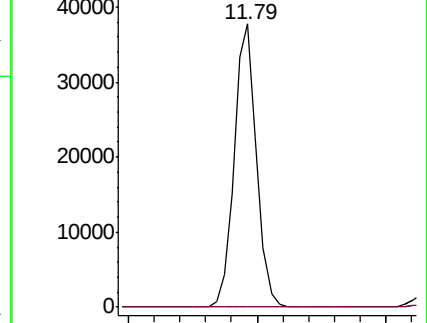
105 100

134 0.0 10.1 30.3#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 0.416 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX019652.D

Acq: 25 Nov 2020 13:35

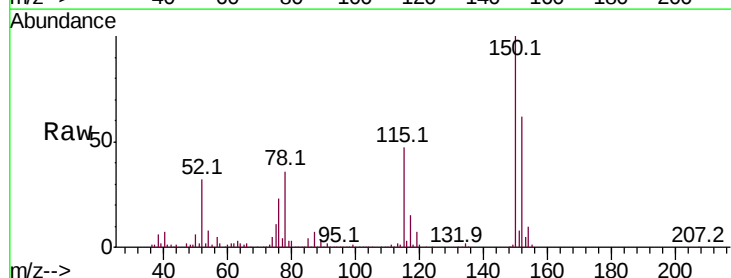
Tgt Ion:119 Resp: 5327

Ion Ratio Lower Upper

119 100

134 29.6 13.1 39.3

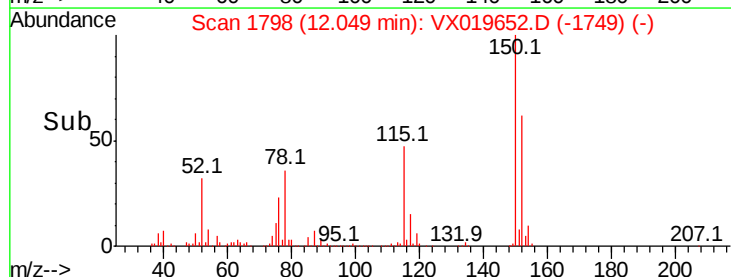
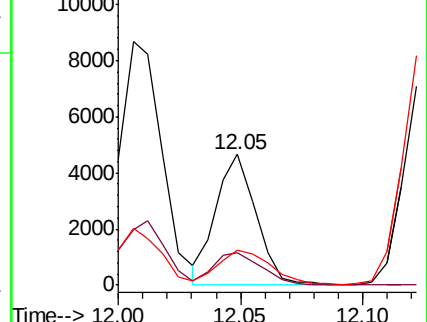
91 35.4 11.8 35.4

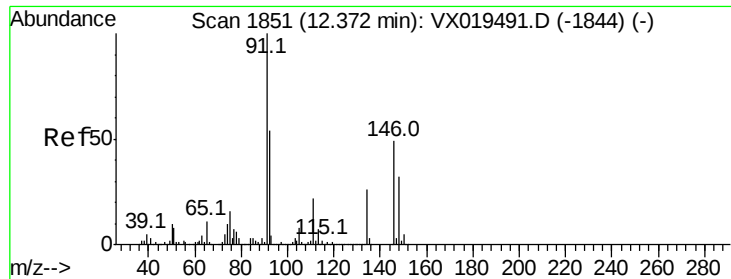


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

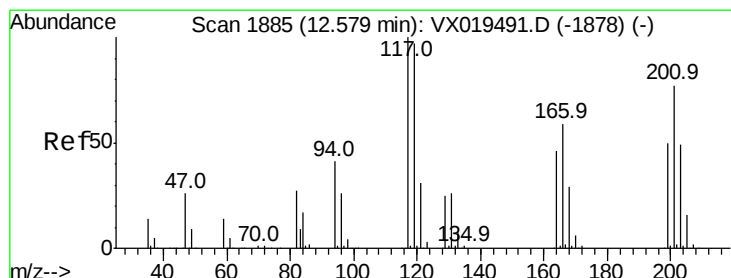
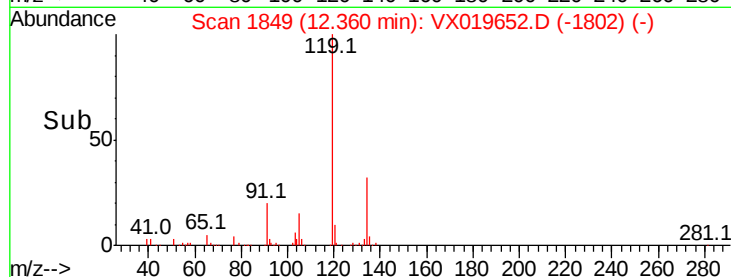
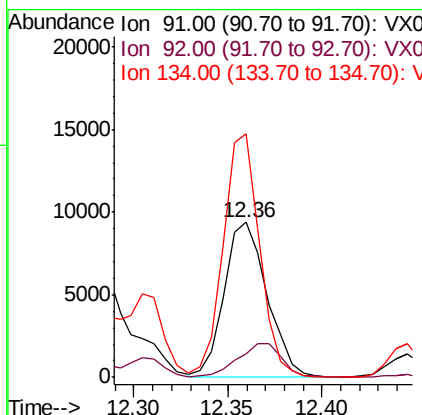
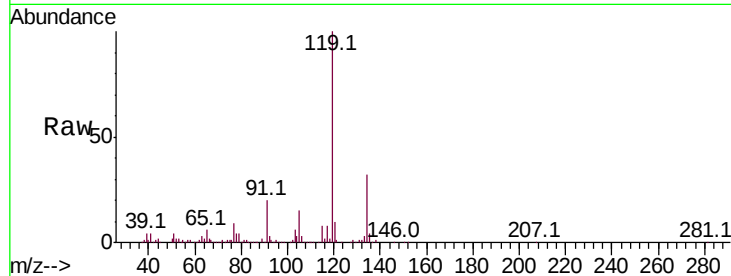




#89
n-Butylbenzene
Concen: 1.277 ug/l
RT: 12.36 min Scan# 1849
Delta R.T. -0.01 min
Lab File: VX019652.D
Acq: 25 Nov 2020 13:35

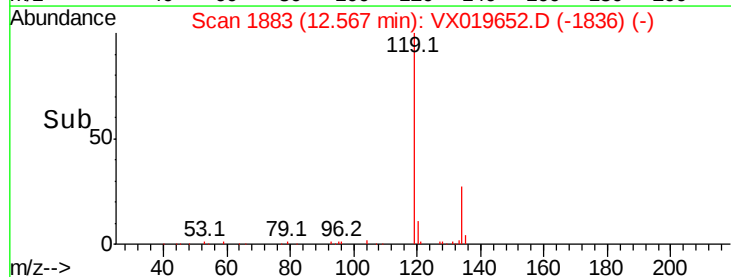
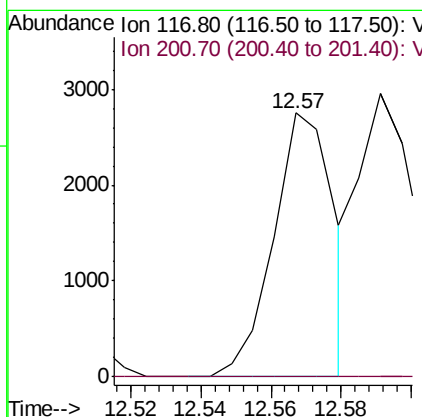
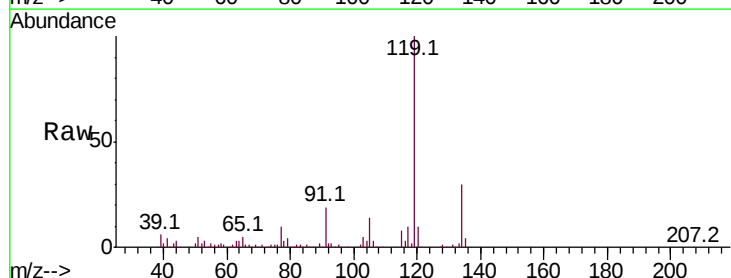
Instrument :
MSVOA_X
ClientSampleId :
16857

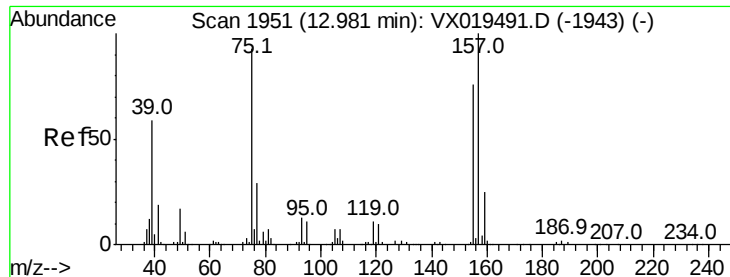
Tot Ion: 91 Resp: 14789
Ion Ratio Lower Upper
91 100
92 22.7 26.9 80.6#
134 133.6 12.9 38.6#



#90
Hexachloroethane
Concen: 1.532 ug/l
RT: 12.57 min Scan# 1883
Delta R.T. -0.01 min
Lab File: VX019652.D
Acq: 25 Nov 2020 13:35

Tgt Ion: 117 Resp: 3285
Ion Ratio Lower Upper
117 100
201 0.0 39.4 118.2#





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.779 ug/l

RT: 13.00 min Scan# 1954

Delta R.T. 0.02 min

Lab File: VX019652.D

Acq: 25 Nov 2020 13:35

Instrument :

MSVOA_X

ClientSampleId :

16857

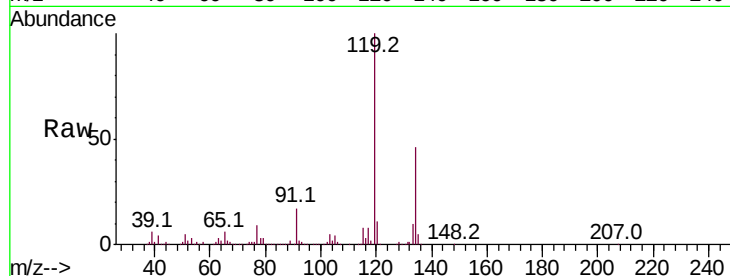
Tot Ion: 75 Resp: 831

Ion Ratio Lower Upper

75 100

155 0.0 43.6 130.9#

157 0.0 57.0 170.8#



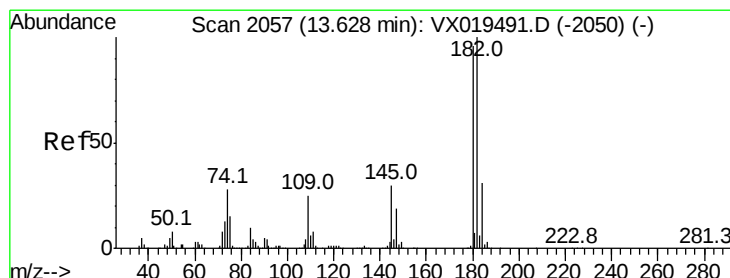
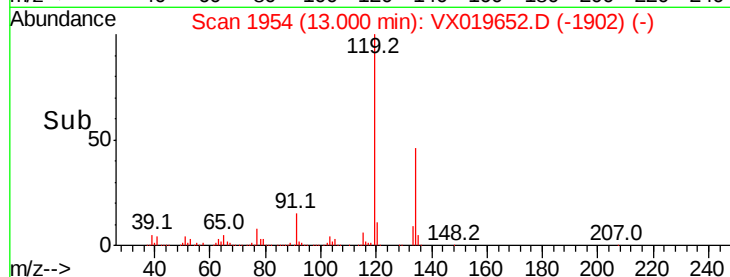
Abundance Ion 74.90 (74.60 to 75.60): VX019491.D (-1943) (-)

Ion 154.80 (154.50 to 155.50): VX019491.D (-1943) (-)

Ion 156.80 (156.50 to 157.50): VX019491.D (-1943) (-)

13.00

Time-->



#93

1,2,4-Trichlorobenzene

Concen: 0.295 ug/l

RT: 13.63 min Scan# 2057

Delta R.T. 0.00 min

Lab File: VX019652.D

Acq: 25 Nov 2020 13:35

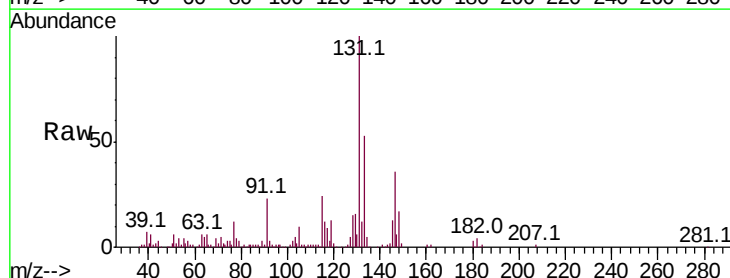
Tgt Ion: 180 Resp: 1304

Ion Ratio Lower Upper

180 100

182 106.2 48.6 145.9

145 394.0 15.9 47.7#



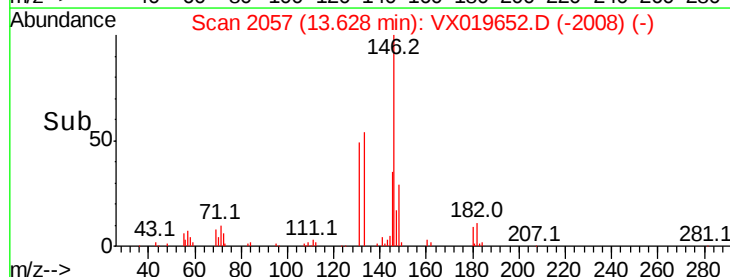
Abundance Ion 179.80 (179.50 to 180.50): VX019491.D (-2050) (-)

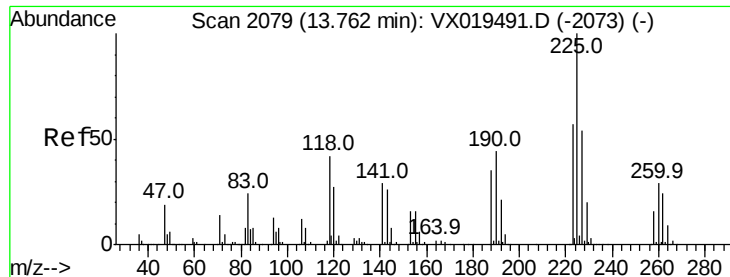
Ion 181.80 (181.50 to 182.50): VX019491.D (-2050) (-)

Ion 144.80 (144.50 to 145.50): VX019491.D (-2050) (-)

13.63

Time-->





#94

Hexachlorobutadiene

Concen: 0.256 ug/l

RT: 13.76 min Scan# 2079

Delta R.T. 0.00 min

Lab File: VX019652.D

Acq: 25 Nov 2020 13:35

Instrument :

MSVOA_X

ClientSampleId :

16857

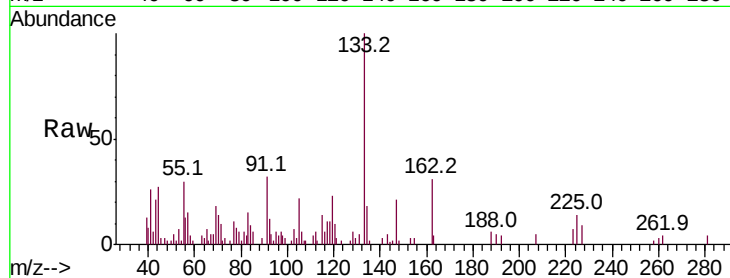
Tot Ion:225 Resp: 516

Ion Ratio Lower Upper

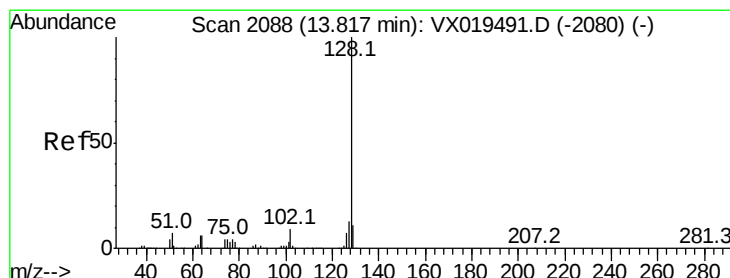
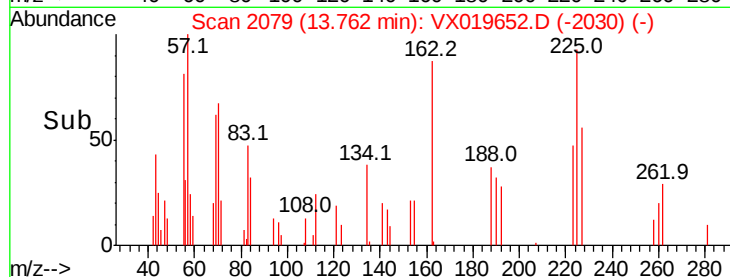
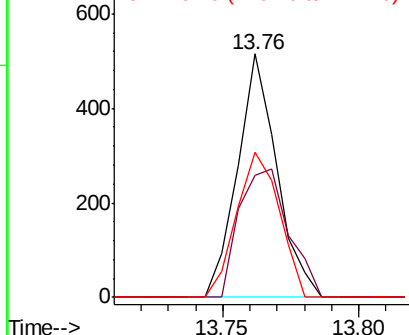
225 100

223 66.3 32.5 97.5

227 64.9 32.8 98.3



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: 4.895 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX019652.D

Acq: 25 Nov 2020 13:35

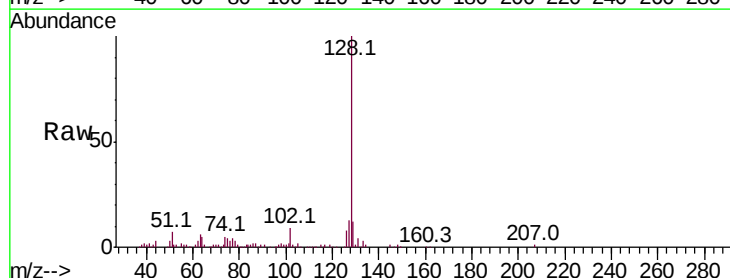
Tgt Ion:128 Resp: 44269

Ion Ratio Lower Upper

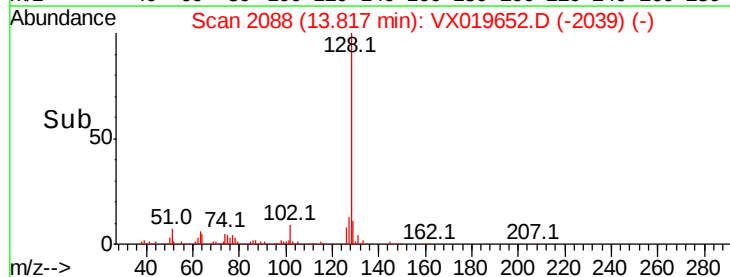
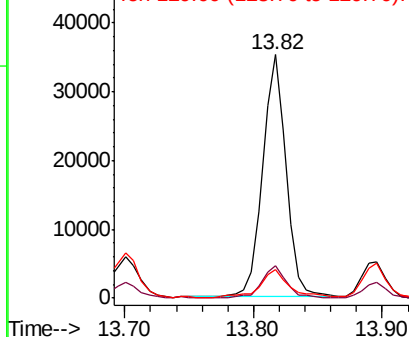
128 100

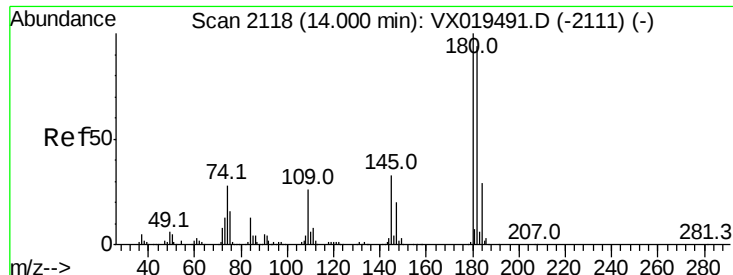
127 14.3 10.3 15.5

129 14.1 8.7 13.1#



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 0.270 ug/l
 RT: 14.00 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VX019652.D
 Acq: 25 Nov 2020 13:35

Instrument :
 MSVOA_X
 ClientSampleId :
 16857

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.7	48.1	144.3
145	577.3	16.6	49.8#

