

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011921\
 Data File : VX020659.D
 Acq On : 19 Jan 2021 15:05
 Operator : JC/SP
 Sample : VX0119WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0119WBL01

Quant Time: Jan 20 03:20:00 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X011921W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 19 14:09:08 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

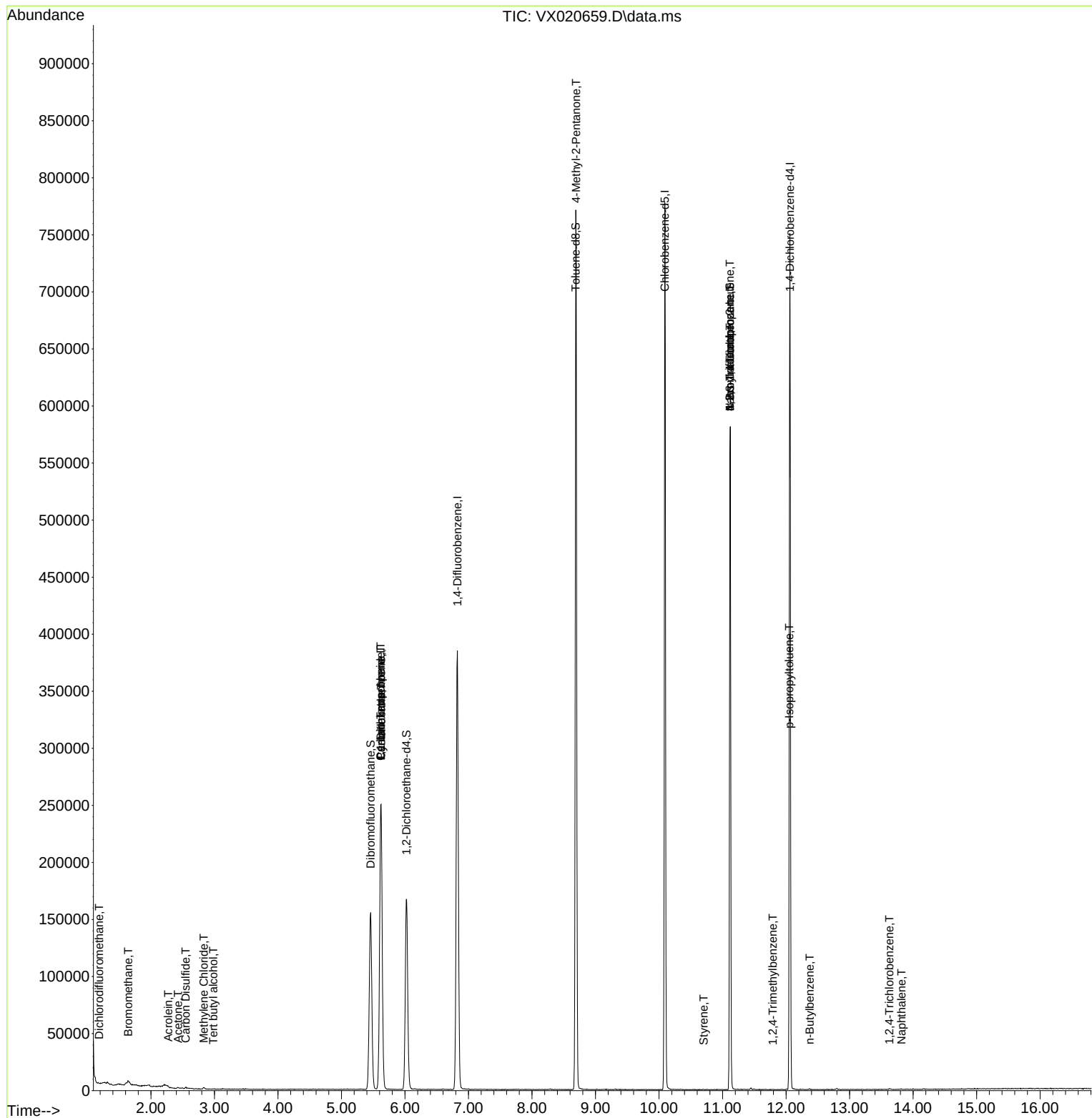
Internal Standards						
1) Pentafluorobenzene	5.623	168	233088	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.824	114	388526	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	349338	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	152176	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.019	65	165598	51.96	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 103.92%			
35) Dibromofluoromethane	5.458	113	134361	50.19	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 100.38%			
50) Toluene-d8	8.690	98	461164	47.78	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 95.56%			
62) 4-Bromofluorobenzene	11.116	95	163251	44.75	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 89.50%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.185	85	46	0.76	ug/l #	42
5) Bromomethane	1.642	94	530	0.35	ug/l #	75
6) Chloroethane	1.715	64	215	Below Cal	#	43
11) Tert butyl alcohol	2.983	59	159	0.28	ug/l #	73
13) Acrolein	2.270	56	94	30.55	ug/l #	14
16) Acetone	2.428	43	817	0.66	ug/l #	80
17) Carbon Disulfide	2.544	76	1613	0.23	ug/l	96
20) Methylene Chloride	2.831	84	609	0.20	ug/l #	84
31) Cyclohexane	5.623	56	4557	1.09	ug/l #	1
36) 1,1-Dichloropropene	5.617	75	18127	4.63	ug/l #	49
38) Carbon Tetrachloride	5.617	117	24186	5.79	ug/l #	16
51) 4-Methyl-2-Pentanone	8.696	43	1849	0.53	ug/l #	1
70) Styrene	10.701	104	145	1.43	ug/l #	85
74) N-amyl acetate	11.116	43	98	1.96	ug/l #	1
76) 1,2,3-Trichloropropane	11.116	75	80516	22.05	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.116	75	80516	63.77	ug/l #	12
84) 1,2,4-Trimethylbenzene	11.793	105	116	0.41	ug/l #	58
86) p-Isopropyltoluene	12.049	119	235	0.90	ug/l #	1
89) n-Butylbenzene	12.372	91	285	1.46	ug/l #	81
93) 1,2,4-Trichlorobenzene	13.628	180	217	2.30	ug/l #	91
95) Naphthalene	13.817	128	385	1.98	ug/l #	69

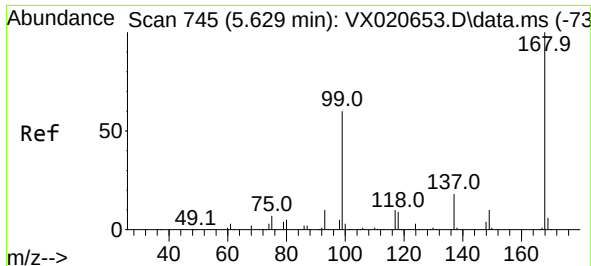
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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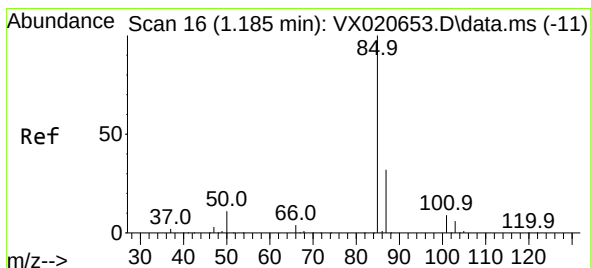
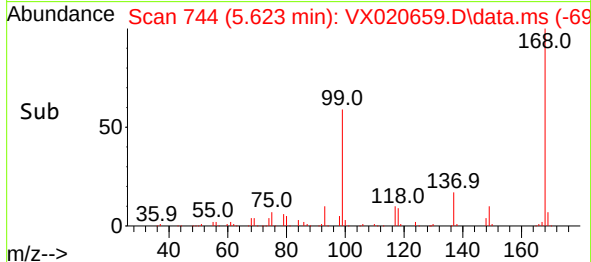
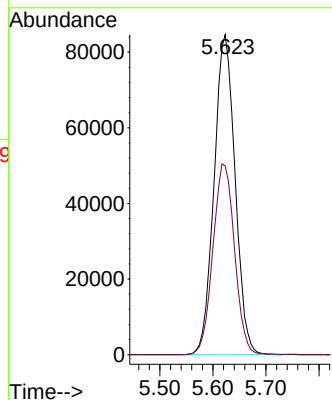
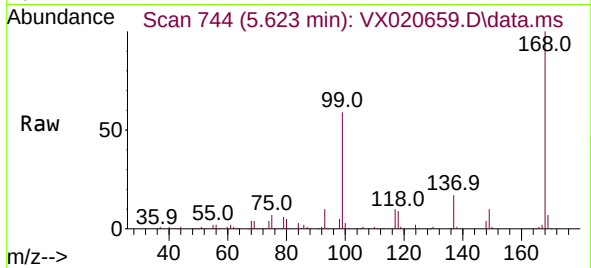




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.006 min
Lab File: VX020659.D
Acq: 19 Jan 2021 15:05

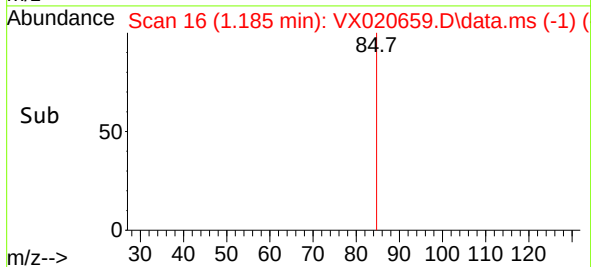
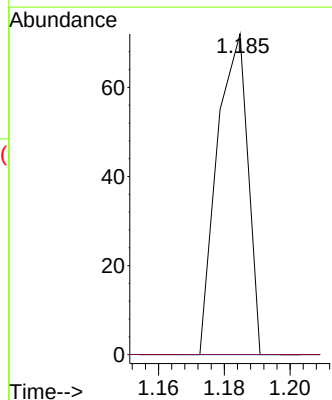
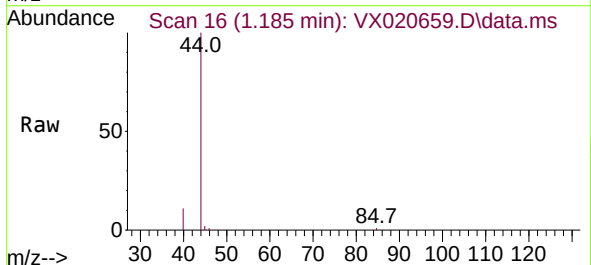
Instrument :
MSVOA_X
ClientSampleId :
VX0119WBL01

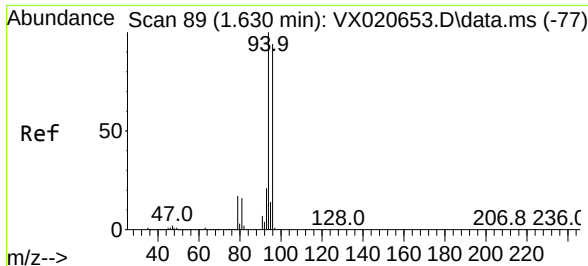
Tgt Ion:168 Resp: 233088
Ion Ratio Lower Upper
168 100
99 59.0 45.8 68.6



#2
Dichlorodifluoromethane
Concen: 0.76 ug/l
RT: 1.185 min Scan# 16
Delta R.T. -0.000 min
Lab File: VX020659.D
Acq: 19 Jan 2021 15:05

Tgt Ion: 85 Resp: 46
Ion Ratio Lower Upper
85 100
87 0.0 16.4 49.2#

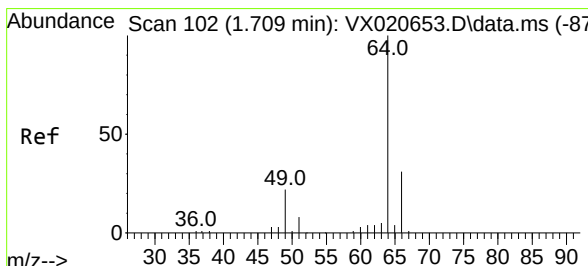
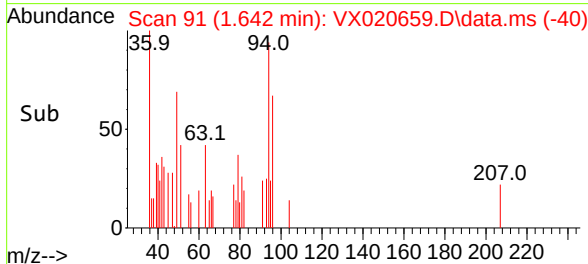
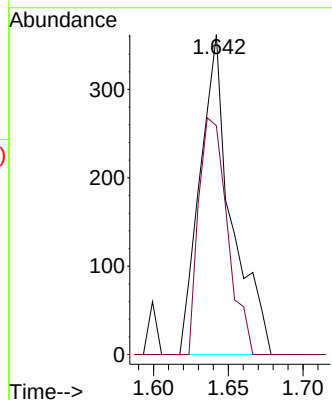
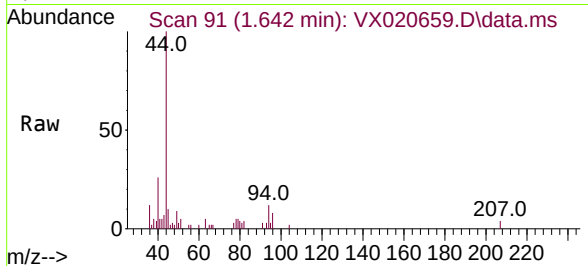




#5
Bromomethane
Concen: 0.35 ug/l
RT: 1.642 min Scan# 91
Delta R.T. 0.012 min
Lab File: VX020659.D
Acq: 19 Jan 2021 15:05

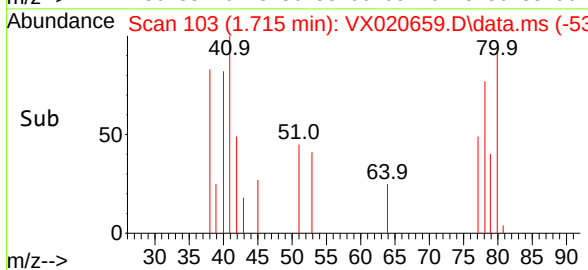
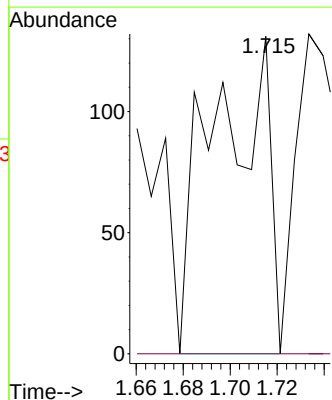
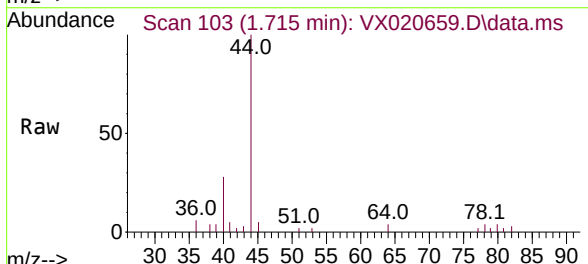
Instrument :
MSVOA_X
ClientSampleId :
VX0119WBL01

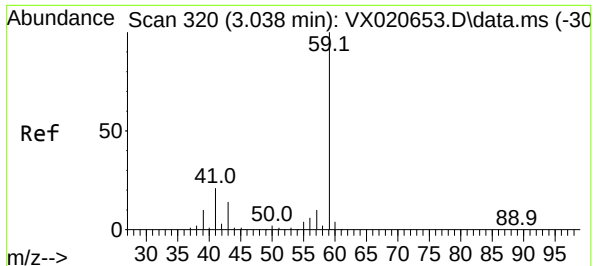
Tgt Ion: 94 Resp: 530
Ion Ratio Lower Upper
94 100
96 71.5 76.4 114.6#



#6
Chloroethane
Concen: Below Cal
RT: 1.715 min Scan# 103
Delta R.T. 0.006 min
Lab File: VX020659.D
Acq: 19 Jan 2021 15:05

Tgt Ion: 64 Resp: 215
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#





#11

Tert butyl alcohol

Concen: 0.28 ug/l

RT: 2.983 min Scan# 311

Delta R.T. -0.055 min

Lab File: VX020659.D

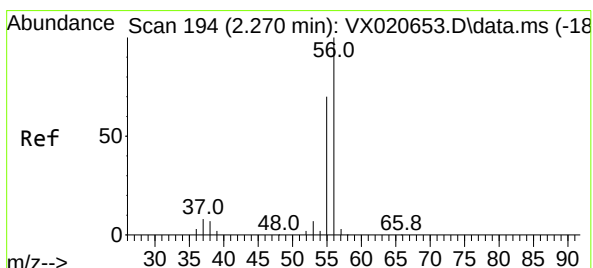
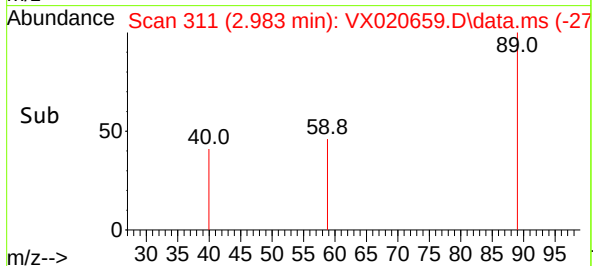
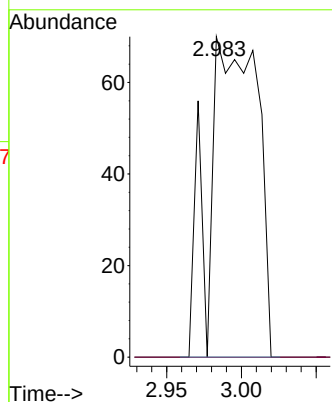
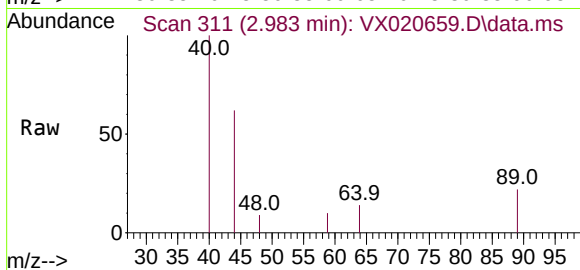
Acq: 19 Jan 2021 15:05

Tgt Ion: 59 Resp: 159

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.8#



#13

Acrolein

Concen: 30.55 ug/l

RT: 2.270 min Scan# 194

Delta R.T. -0.000 min

Lab File: VX020659.D

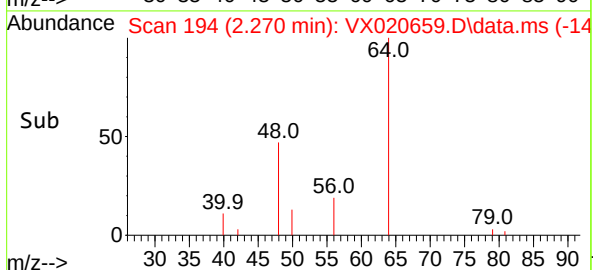
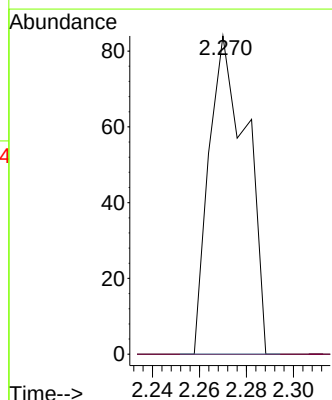
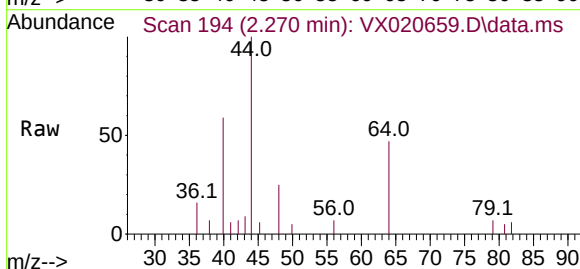
Acq: 19 Jan 2021 15:05

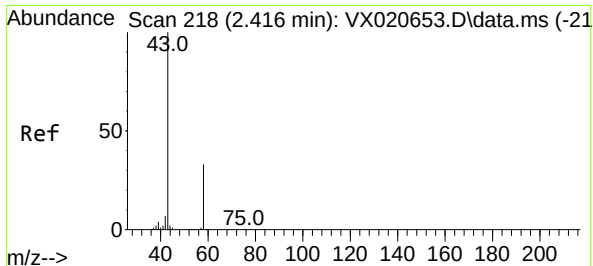
Tgt Ion: 56 Resp: 94

Ion Ratio Lower Upper

56 100

55 0.0 56.4 84.6#

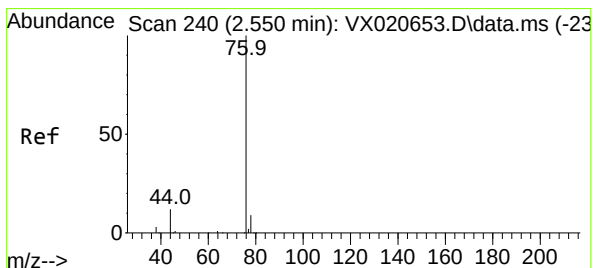
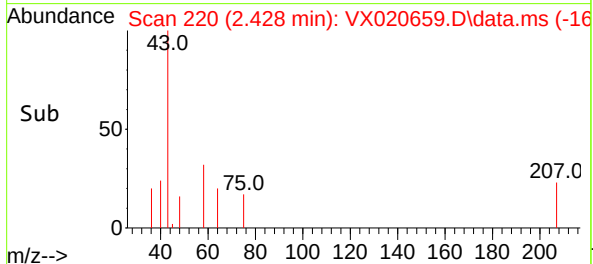
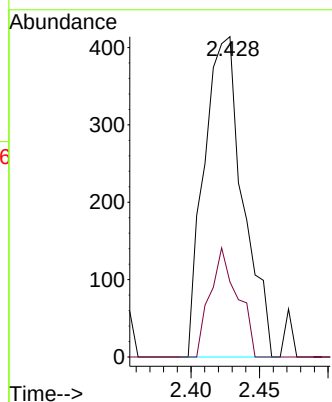
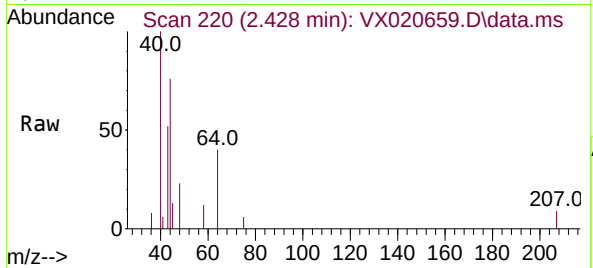




#16
Acetone
Concen: 0.66 ug/l
RT: 2.428 min Scan# 220
Delta R.T. 0.012 min
Lab File: VX020659.D
Acq: 19 Jan 2021 15:05

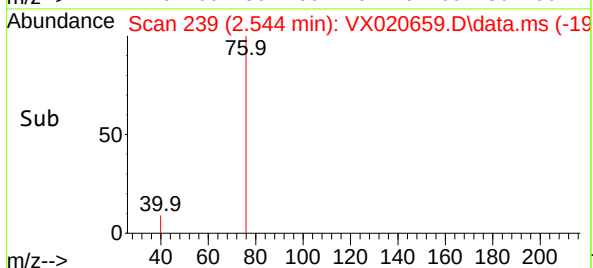
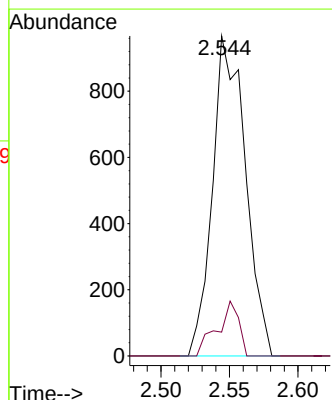
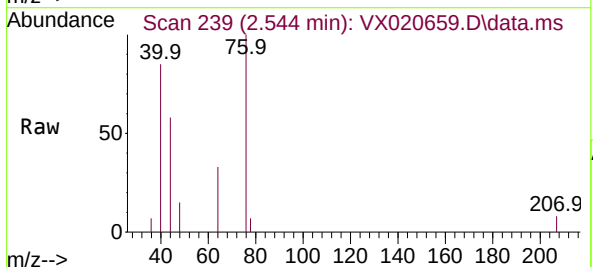
Instrument :
MSVOA_X
ClientSampleId :
VX0119WBL01

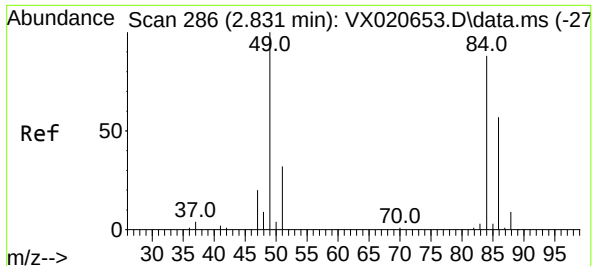
Tgt Ion: 43 Resp: 817
Ion Ratio Lower Upper
43 100
58 23.4 27.8 41.8#



#17
Carbon Disulfide
Concen: 0.23 ug/l
RT: 2.544 min Scan# 239
Delta R.T. -0.006 min
Lab File: VX020659.D
Acq: 19 Jan 2021 15:05

Tgt Ion: 76 Resp: 1613
Ion Ratio Lower Upper
76 100
78 7.4 7.2 10.8





#20

Methylene Chloride

Concen: 0.20 ug/l

RT: 2.831 min Scan# 286

Delta R.T. -0.000 min

Lab File: VX020659.D

Acq: 19 Jan 2021 15:05

Instrument :

MSVOA_X

ClientSampleId :

VX0119WBL01

Tgt Ion: 84 Resp: 609

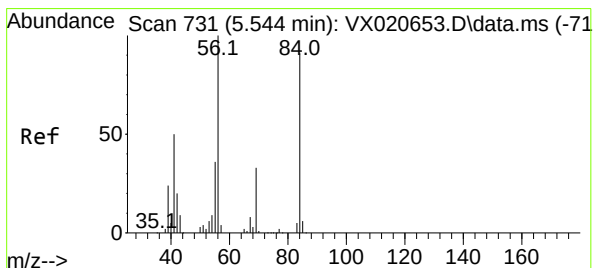
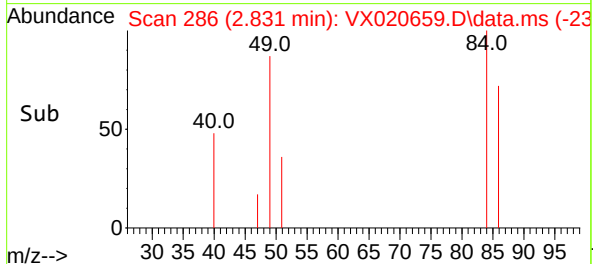
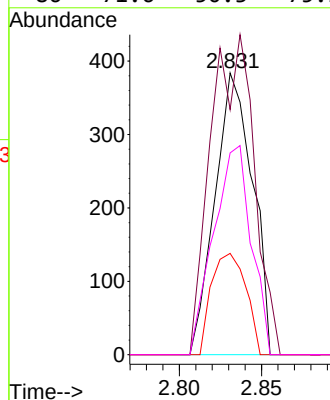
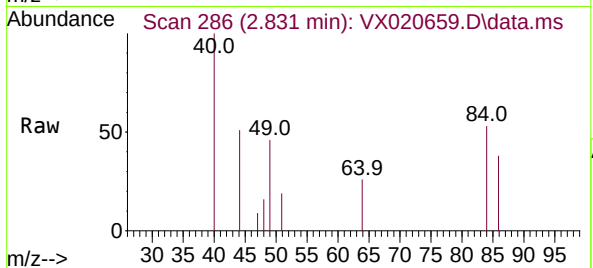
Ion Ratio Lower Upper

84 100

49 87.0 88.6 132.8#

51 35.9 27.0 40.6

86 71.6 50.3 75.5



#31

Cyclohexane

Concen: 1.09 ug/l

RT: 5.623 min Scan# 744

Delta R.T. 0.079 min

Lab File: VX020659.D

Acq: 19 Jan 2021 15:05

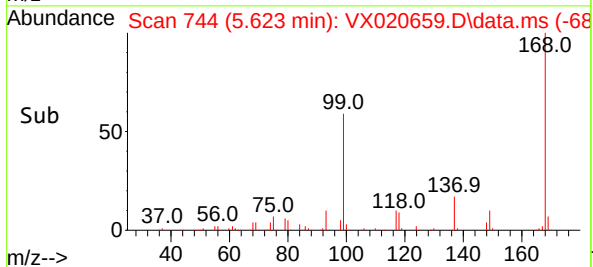
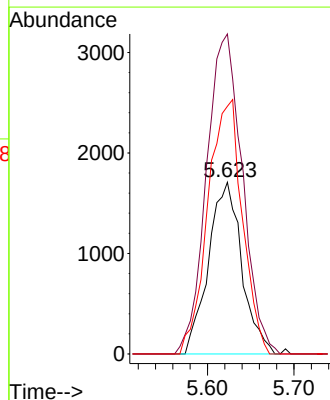
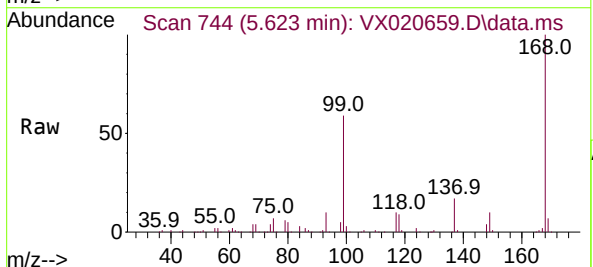
Tgt Ion: 56 Resp: 4557

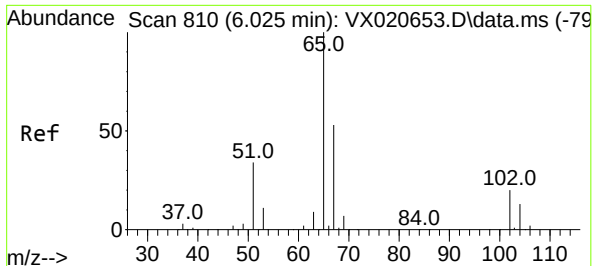
Ion Ratio Lower Upper

56 100

69 186.4 25.3 37.9#

84 144.3 71.4 107.0#





#33

1,2-Dichloroethane-d4

Concen: 51.96 ug/l

RT: 6.019 min Scan# 809

Delta R.T. -0.006 min

Lab File: VX020659.D

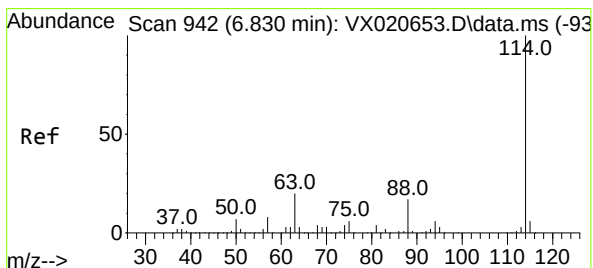
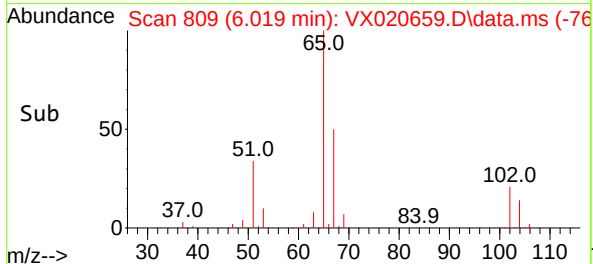
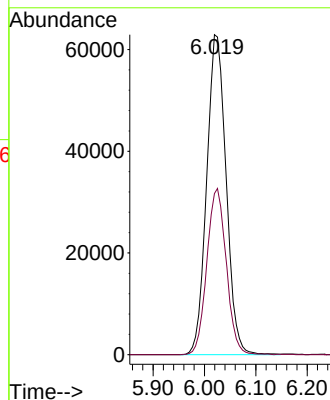
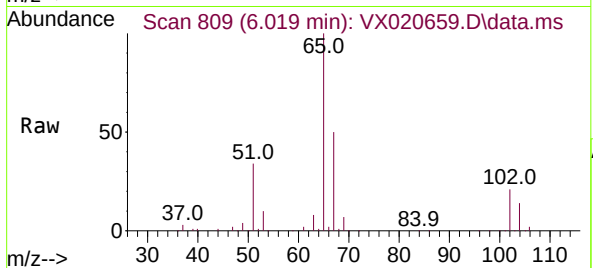
Acq: 19 Jan 2021 15:05

Tgt Ion: 65 Resp: 165598

Ion Ratio Lower Upper

65 100

67 51.8 0.0 105.4



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.824 min Scan# 941

Delta R.T. -0.006 min

Lab File: VX020659.D

Acq: 19 Jan 2021 15:05

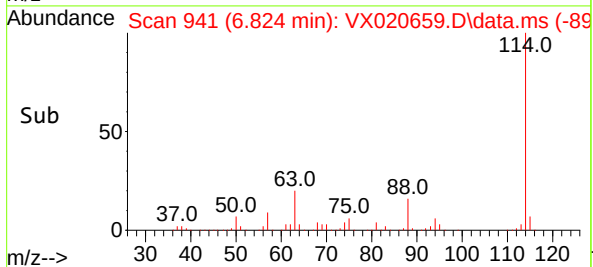
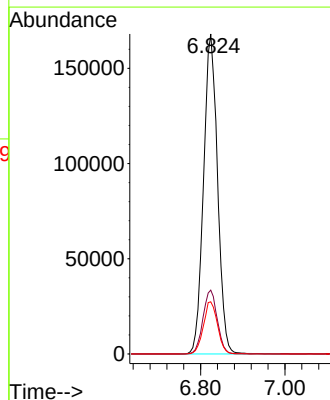
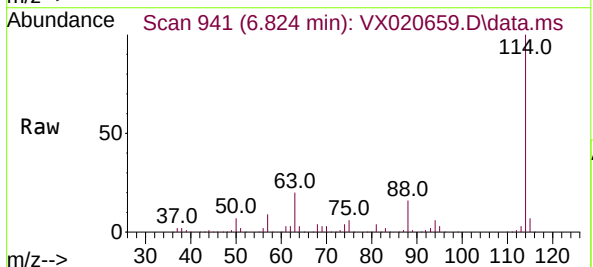
Tgt Ion: 114 Resp: 388526

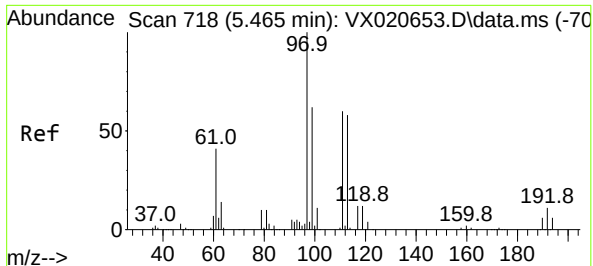
Ion Ratio Lower Upper

114 100

63 19.9 0.0 40.8

88 16.3 0.0 32.8





#35

Dibromofluoromethane

Concen: 50.19 ug/l

RT: 5.458 min Scan# 717

Delta R.T. -0.007 min

Lab File: VX020659.D

Acq: 19 Jan 2021 15:05

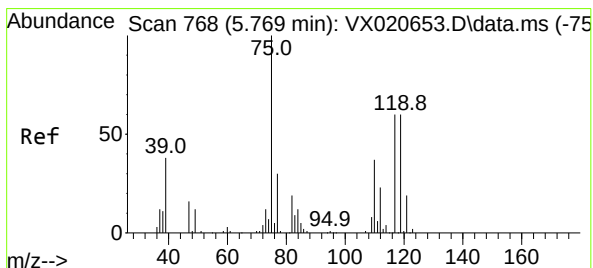
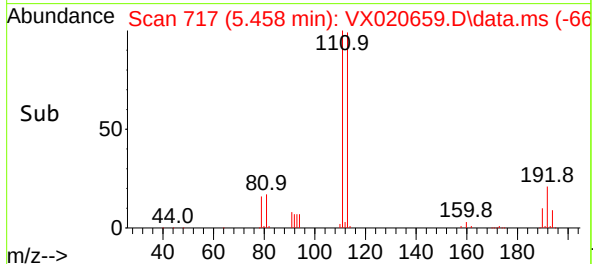
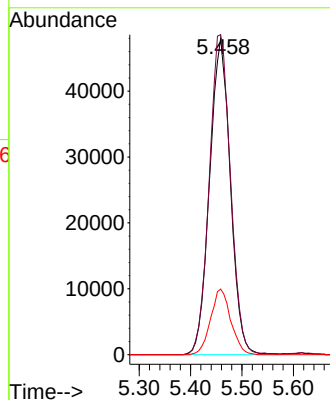
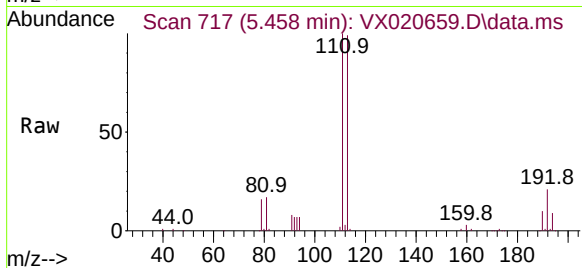
Tgt Ion:113 Resp: 134361

Ion Ratio Lower Upper

113 100

111 104.0 81.9 122.9

192 20.2 16.7 25.1



#36

1,1-Dichloropropene

Concen: 4.63 ug/l

RT: 5.617 min Scan# 743

Delta R.T. -0.152 min

Lab File: VX020659.D

Acq: 19 Jan 2021 15:05

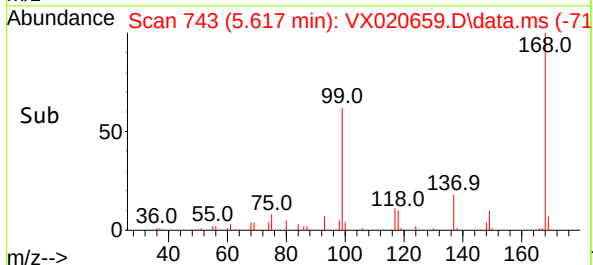
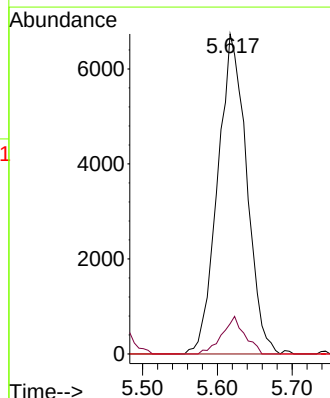
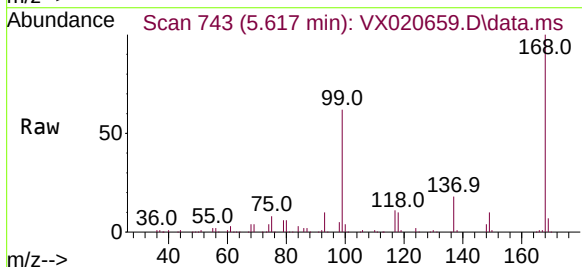
Tgt Ion: 75 Resp: 18127

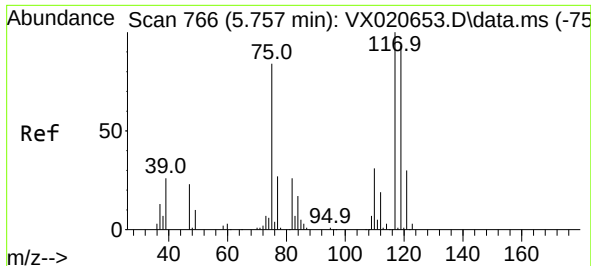
Ion Ratio Lower Upper

75 100

110 9.2 18.1 54.4#

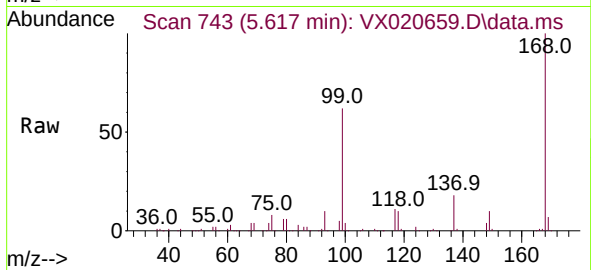
77 0.0 25.3 37.9#



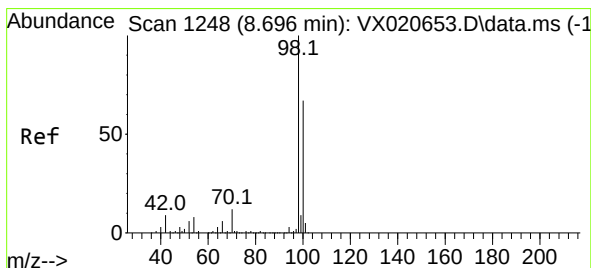
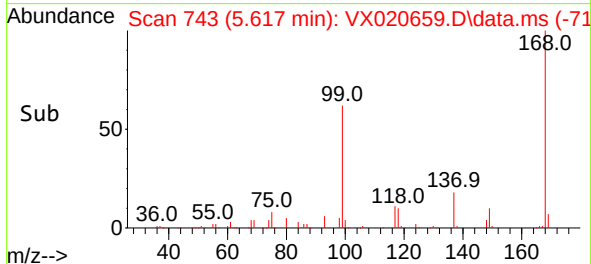
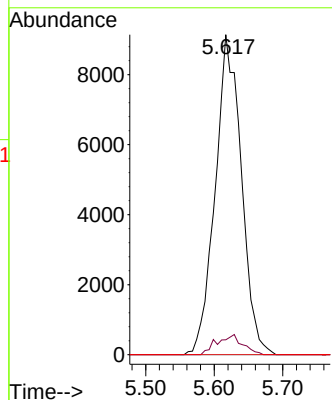


#38
Carbon Tetrachloride
Concen: 5.79 ug/l
RT: 5.617 min Scan# 743
Delta R.T. -0.140 min
Lab File: VX020659.D
Acq: 19 Jan 2021 15:05

Instrument :
MSVOA_X
ClientSampleId :
VX0119WBL01

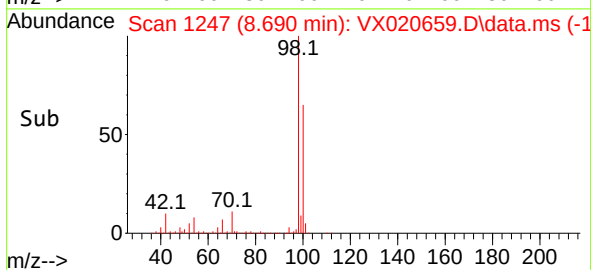
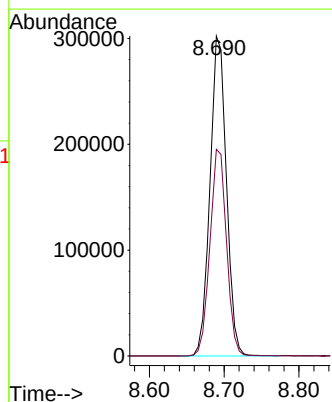
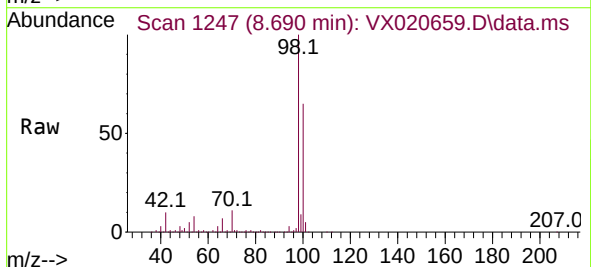


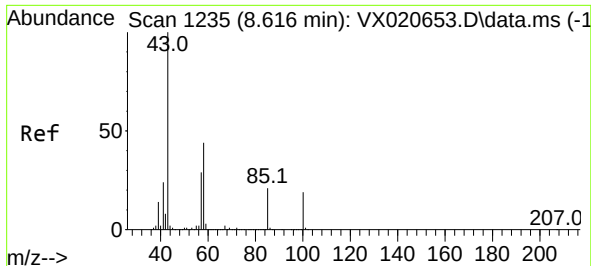
Tgt Ion:117 Resp: 24186
Ion Ratio Lower Upper
117 100
119 4.7 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 47.78 ug/l
RT: 8.690 min Scan# 1247
Delta R.T. -0.006 min
Lab File: VX020659.D
Acq: 19 Jan 2021 15:05

Tgt Ion: 98 Resp: 461164
Ion Ratio Lower Upper
98 100
100 65.3 51.9 77.9

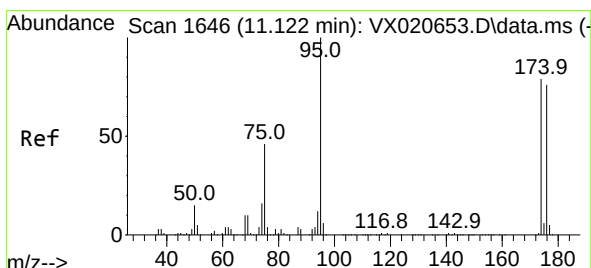
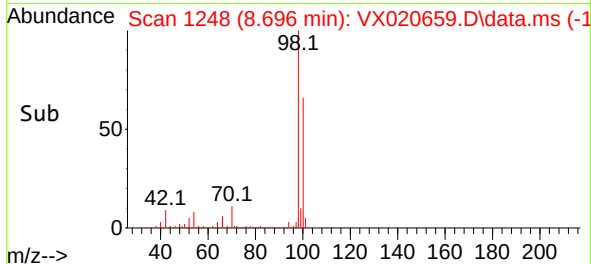
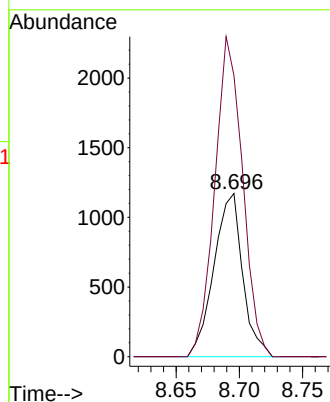
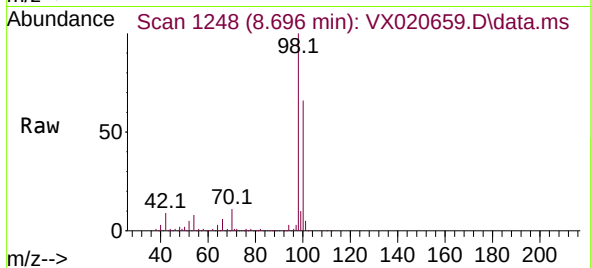




#51
4-Methyl-2-Pentanone
Concen: 0.53 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.080 min
Lab File: VX020659.D
Acq: 19 Jan 2021 15:05

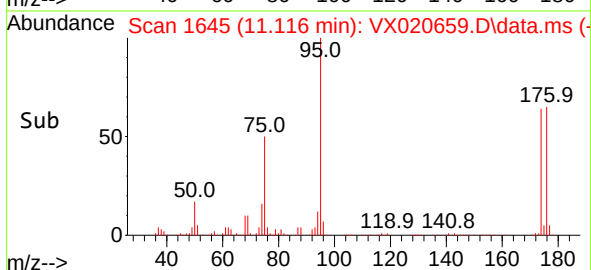
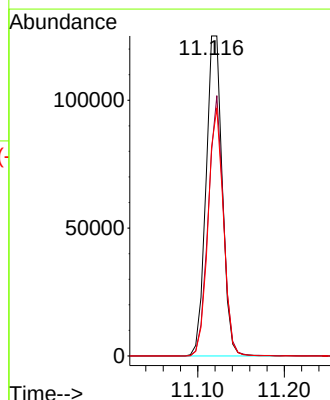
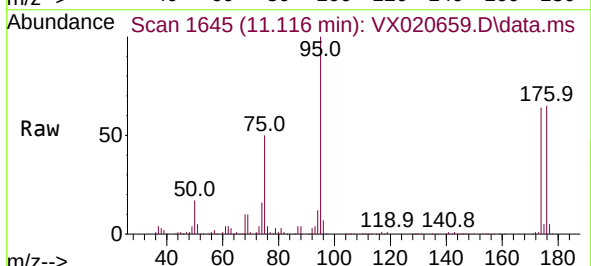
Instrument :
MSVOA_X
ClientSampleId :
VX0119WBL01

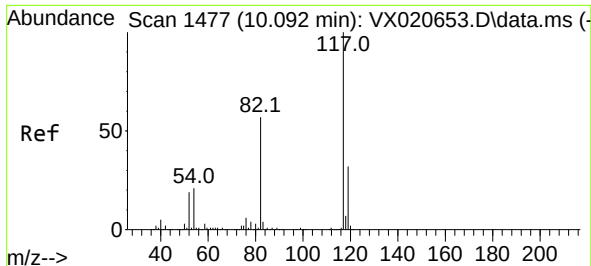
Tgt Ion: 43 Resp: 1849
Ion Ratio Lower Upper
43 100
58 189.6 35.4 53.0#



#62
4-Bromofluorobenzene
Concen: 44.75 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. -0.006 min
Lab File: VX020659.D
Acq: 19 Jan 2021 15:05

Tgt Ion: 95 Resp: 163251
Ion Ratio Lower Upper
95 100
174 75.8 0.0 154.6
176 73.1 0.0 155.8

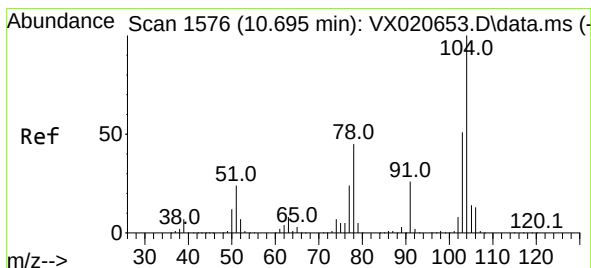
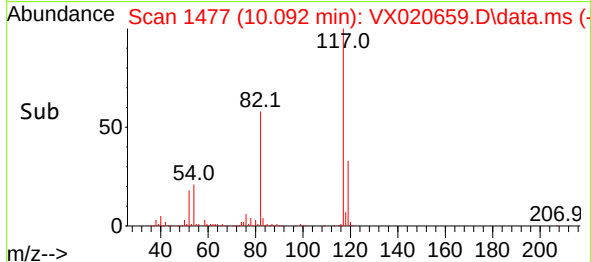
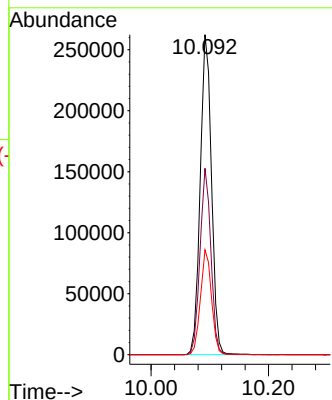
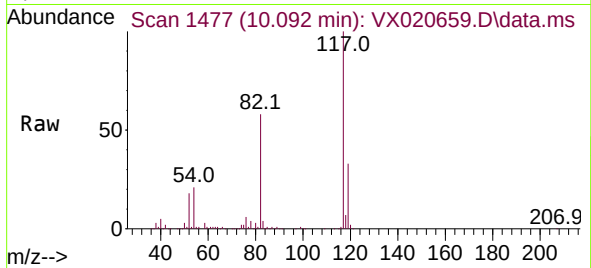




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VX020659.D
Acq: 19 Jan 2021 15:05

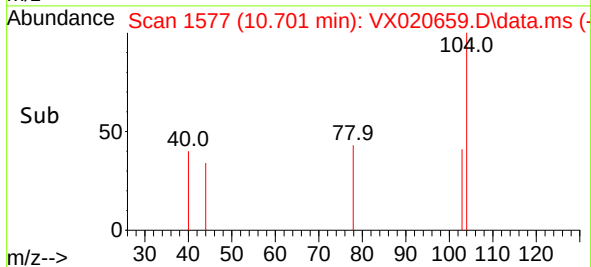
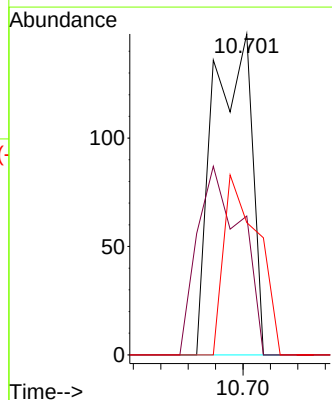
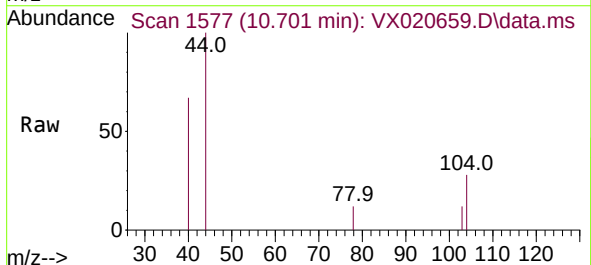
Instrument :
MSVOA_X
ClientSampleId :
VX0119WBL01

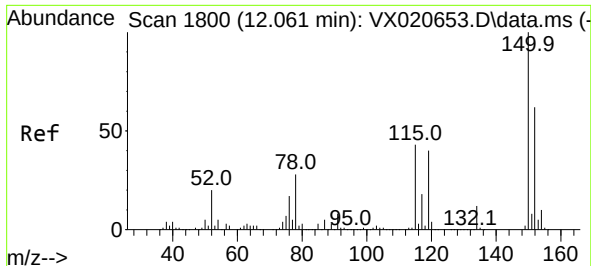
Tgt Ion:117 Resp: 349338
Ion Ratio Lower Upper
117 100
82 58.2 47.4 71.2
119 32.8 26.6 39.8



#70
Styrene
Concen: 1.43 ug/l
RT: 10.701 min Scan# 1577
Delta R.T. 0.006 min
Lab File: VX020659.D
Acq: 19 Jan 2021 15:05

Tgt Ion:104 Resp: 145
Ion Ratio Lower Upper
104 100
78 66.9 40.0 60.0#
103 49.7 43.4 65.0

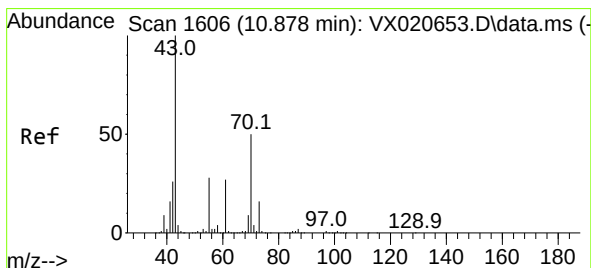
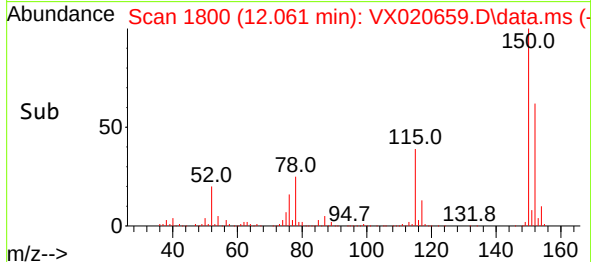
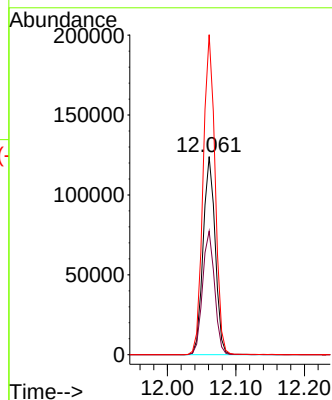
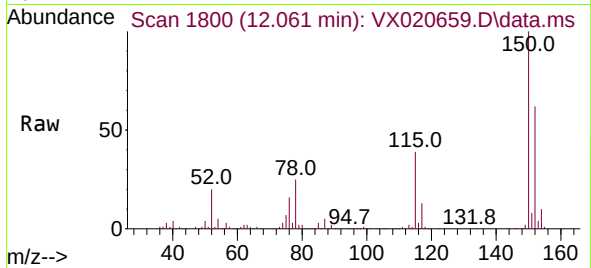




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020659.D
Acq: 19 Jan 2021 15:05

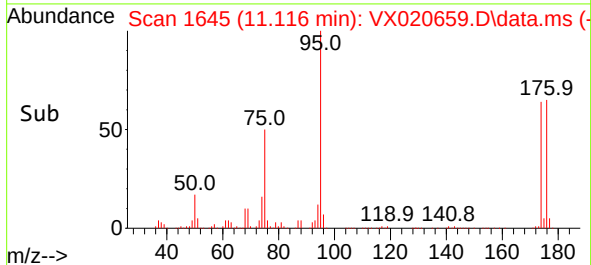
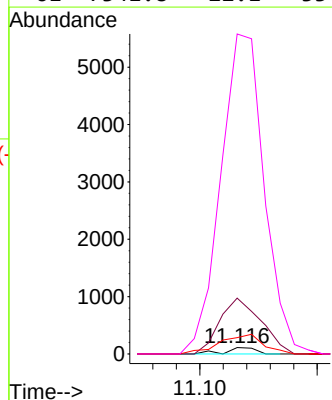
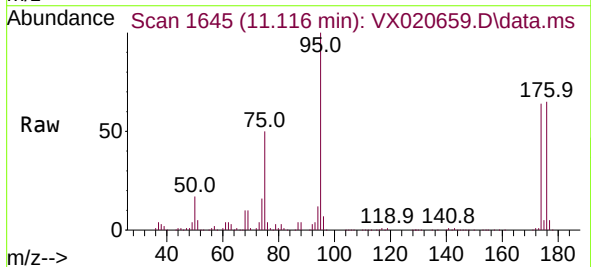
Instrument :
MSVOA_X
ClientSampleId :
VX0119WBL01

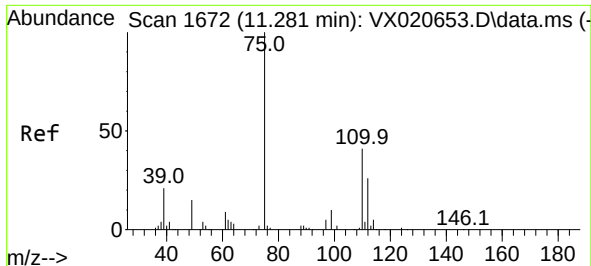
Tgt Ion:152 Resp: 152176
Ion Ratio Lower Upper
152 100
115 62.2 41.1 123.3
150 160.9 0.0 349.0



#74
N-ethyl acetate
Concen: 1.96 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. 0.238 min
Lab File: VX020659.D
Acq: 19 Jan 2021 15:05

Tgt Ion: 43 Resp: 98
Ion Ratio Lower Upper
43 100
70 1218.4 39.0 58.6#
55 448.0 21.5 32.3#
61 7341.8 22.1 33.1#

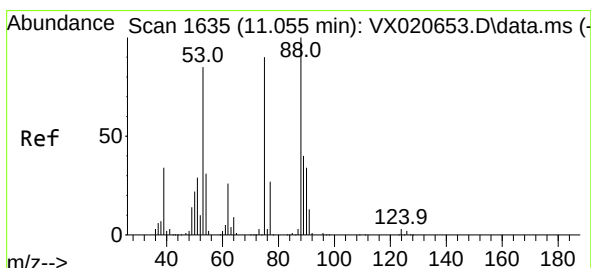
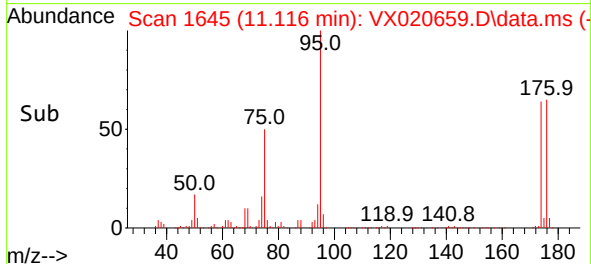
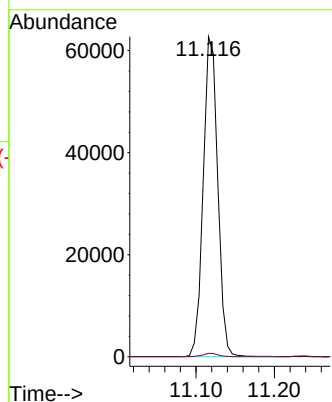
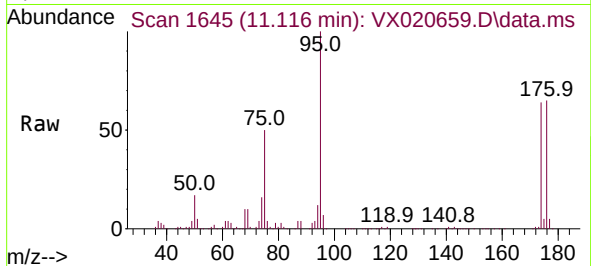




#76
1,2,3-Trichloropropane
Concen: 22.05 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. -0.165 min
Lab File: VX020659.D
Acq: 19 Jan 2021 15:05

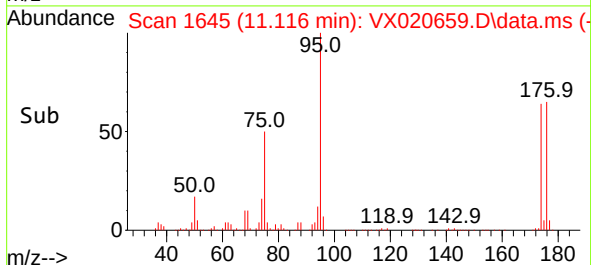
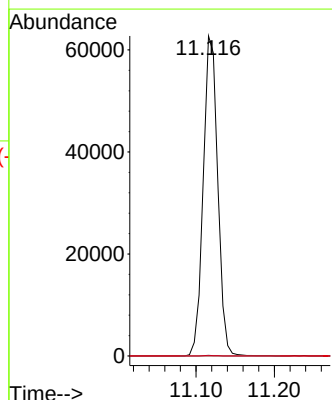
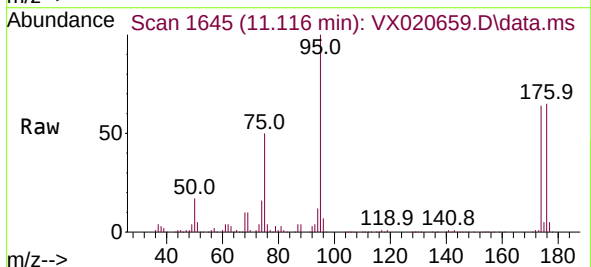
Instrument :
MSVOA_X
ClientSampleId :
VX0119WBL01

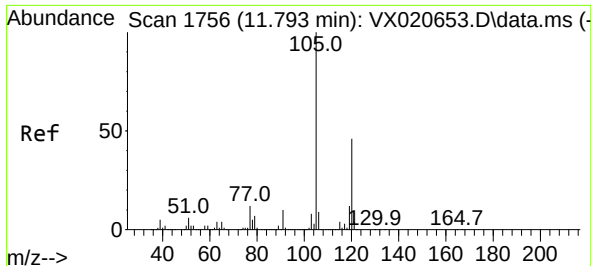
Tgt Ion: 75 Resp: 80516
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 63.77 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. 0.061 min
Lab File: VX020659.D
Acq: 19 Jan 2021 15:05

Tgt Ion: 75 Resp: 80516
Ion Ratio Lower Upper
75 100
53 0.1 74.5 111.7#
89 0.0 37.9 56.9#

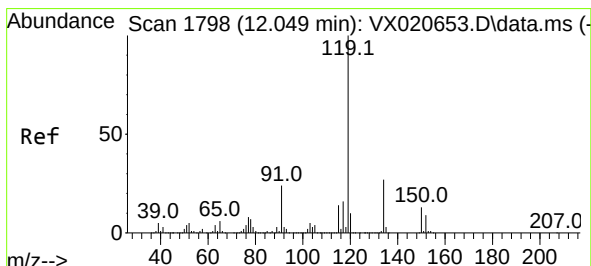
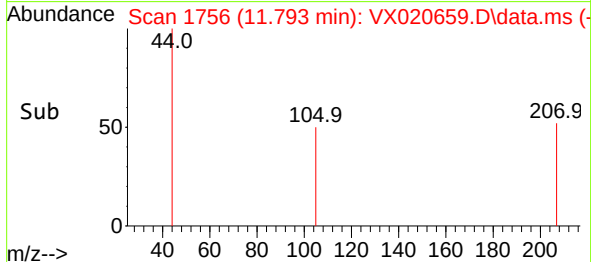
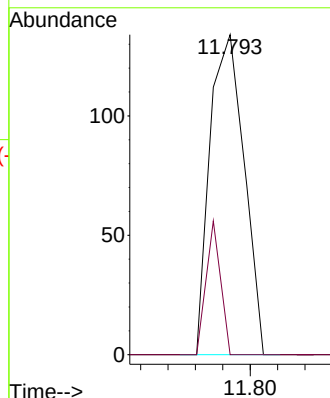
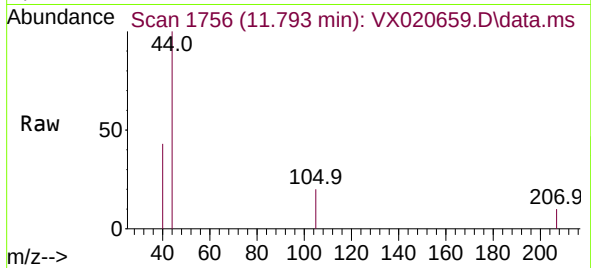




#84
1,2,4-Trimethylbenzene
Concen: 0.41 ug/l
RT: 11.793 min Scan# 1756
Delta R.T. -0.000 min
Lab File: VX020659.D
Acq: 19 Jan 2021 15:05

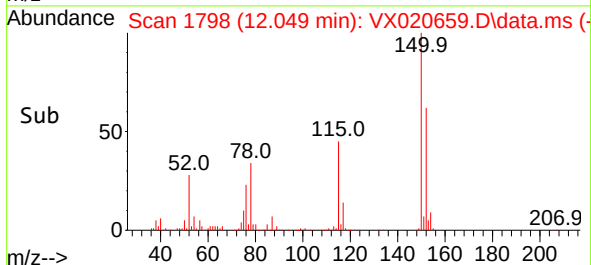
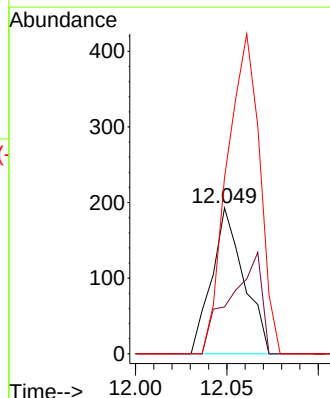
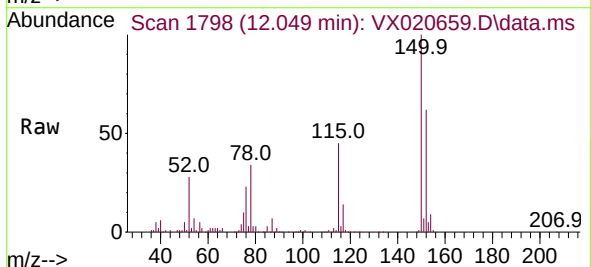
Instrument :
MSVOA_X
ClientSampleId :
VX0119WBL01

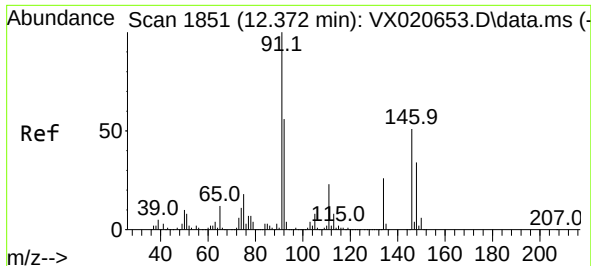
Tgt Ion:105 Resp: 116
Ion Ratio Lower Upper
105 100
120 17.2 22.4 67.3#



#86
p-Isopropyltoluene
Concen: 0.90 ug/l
RT: 12.049 min Scan# 1798
Delta R.T. -0.000 min
Lab File: VX020659.D
Acq: 19 Jan 2021 15:05

Tgt Ion:119 Resp: 235
Ion Ratio Lower Upper
119 100
134 68.1 12.9 38.7#
91 223.4 11.7 35.0#

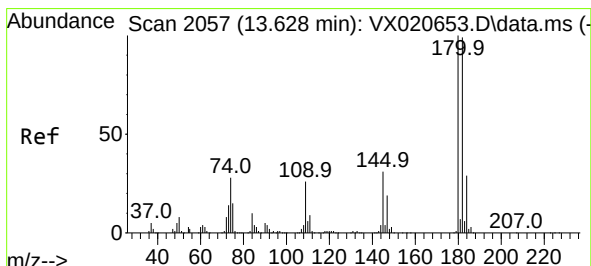
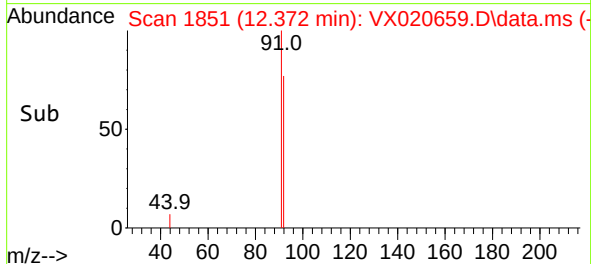
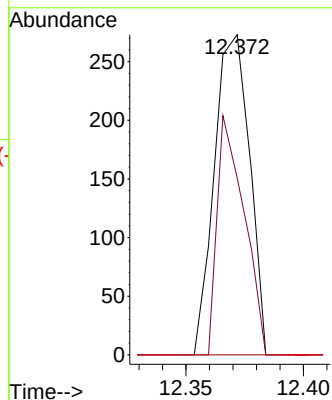
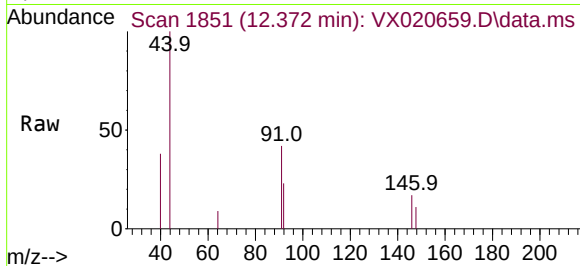




#89
n-Butylbenzene
Concen: 1.46 ug/l
RT: 12.372 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VX020659.D
Acq: 19 Jan 2021 15:05

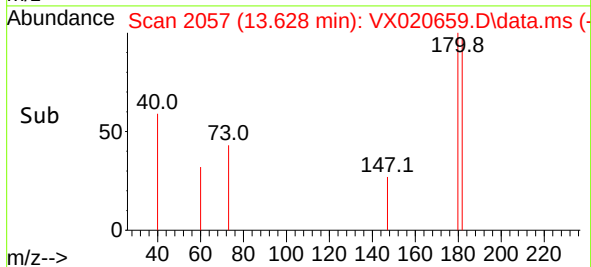
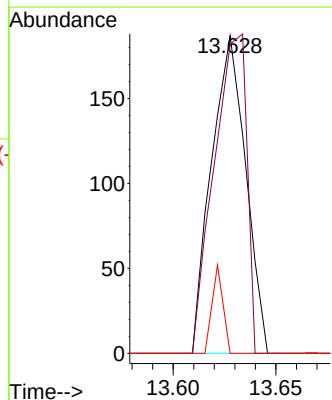
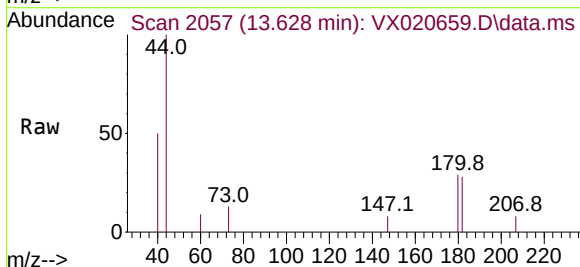
Instrument :
MSVOA_X
ClientSampleId :
VX0119WBL01

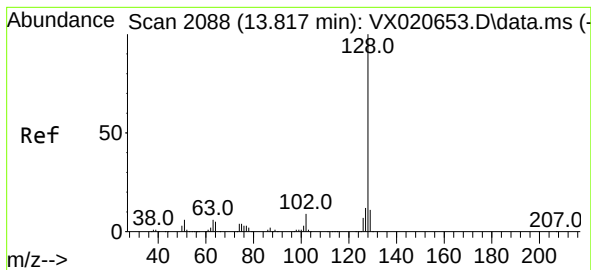
Tgt Ion: 91	Resp:	285
Ion	Ratio	Lower Upper
91	100	
92	57.2	27.4 82.0
134	0.0	13.2 39.5#



#93
1,2,4-Trichlorobenzene
Concen: 2.30 ug/l
RT: 13.628 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VX020659.D
Acq: 19 Jan 2021 15:05

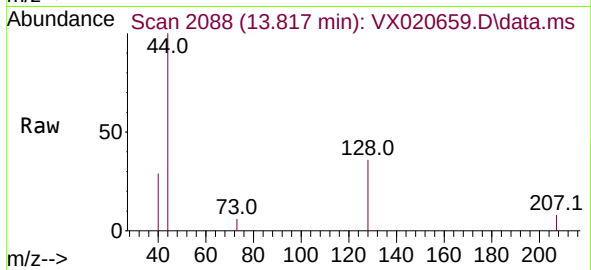
Tgt Ion: 180	Resp:	217
Ion	Ratio	Lower Upper
180	100	
182	95.4	47.7 143.1
145	8.8	15.0 45.0#





#95
Naphthalene
Concen: 1.98 ug/l
RT: 13.817 min Scan# 2088
Delta R.T. -0.000 min
Lab File: VX020659.D
Acq: 19 Jan 2021 15:05

Instrument :
MSVOA_X
ClientSampleId :
VX0119WBL01



Tgt Ion:	128	Resp:	385
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	0.0	8.8	13.2#

