

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011421\
 Data File : VX020607.D
 Acq On : 14 Jan 2021 13:08
 Operator : JC/MD
 Sample : M1125-01 10X
 Misc : 1.10g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 1717-1718

Quant Time: Jan 15 05:09:41 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X011121W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 11 15:05:37 2021
 Response via : Initial Calibration

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

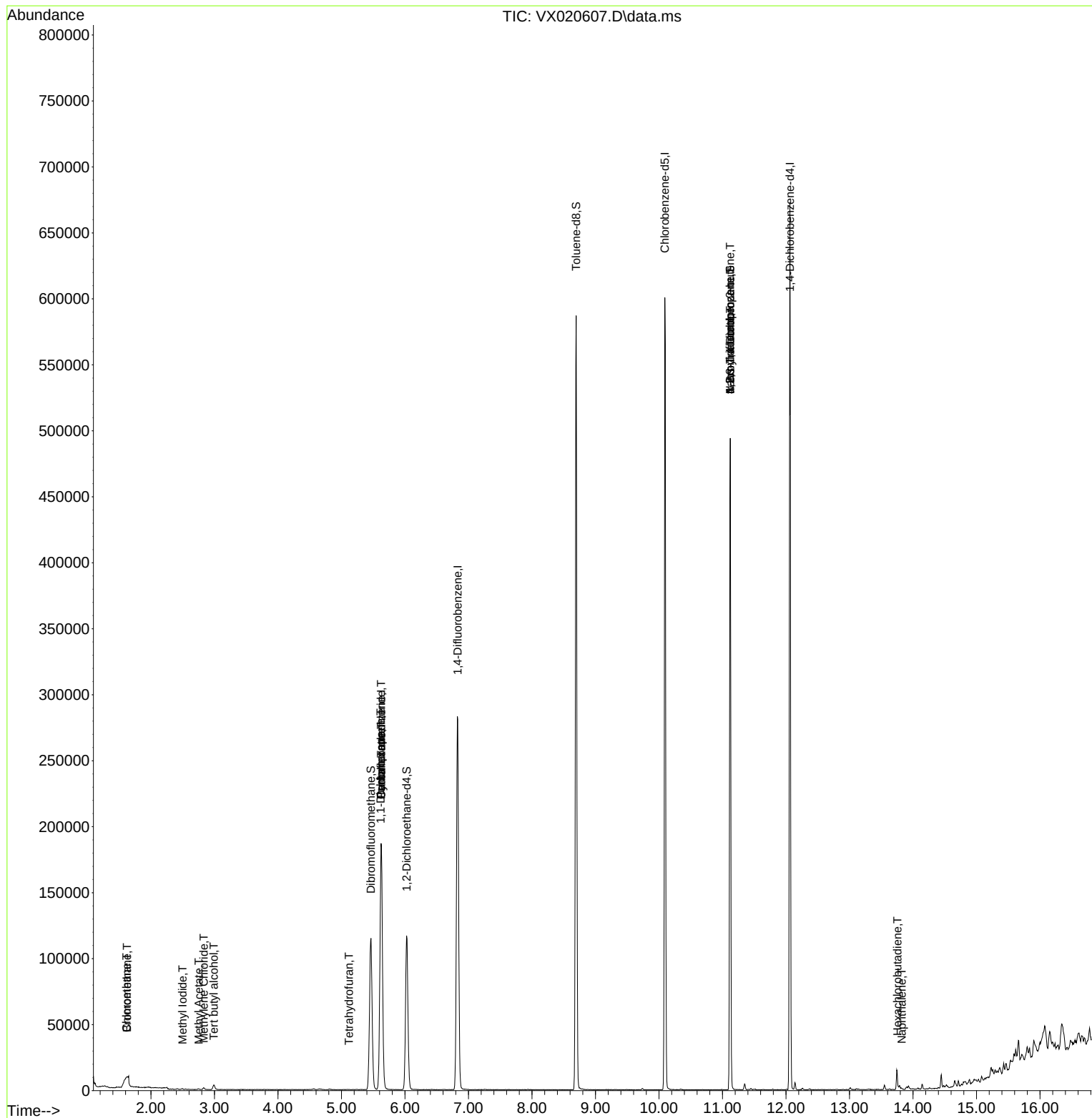
Internal Standards						
1) Pentafluorobenzene	5.623	168	182788	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	296800	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	289116	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	142120	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	114071	51.96	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 103.92%			
35) Dibromofluoromethane	5.465	113	100416	48.83	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 97.66%			
50) Toluene-d8	8.696	98	354828	48.22	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 96.44%			
62) 4-Bromofluorobenzene	11.122	95	130449	50.20	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 100.40%			
Target Compounds						Qvalue
5) Bromomethane	1.624	94	398	0.31	ug/l	94
6) Chloroethane	1.618	64	111	0.51	ug/l #	43
10) Methyl Iodide	2.496	142	573	0.23	ug/l #	85
11) Tert butyl alcohol	2.989	59	2077	2.92	ug/l #	73
16) Acetone	2.416	43	537	Below Cal	#	73
18) Methyl Acetate	2.752	43	660	0.34	ug/l #	89
20) Methylene Chloride	2.831	84	608	0.29	ug/l #	74
29) Tetrahydrofuran	5.117	42	154	0.21	ug/l #	27
31) Cyclohexane	5.623	56	3176	1.23	ug/l #	1
36) 1,1-Dichloropropene	5.617	75	13209	4.87	ug/l #	49
38) Carbon Tetrachloride	5.623	117	17730	5.60	ug/l #	18
74) N-amyl acetate	11.122	43	68	1.26	ug/l #	1
76) 1,2,3-Trichloropropane	11.122	75	63272	21.13	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.122	75	63272	57.58	ug/l #	12
94) Hexachlorobutadiene	13.756	225	26	0.88	ug/l #	1
95) Naphthalene	13.823	128	684	3.91	ug/l	97

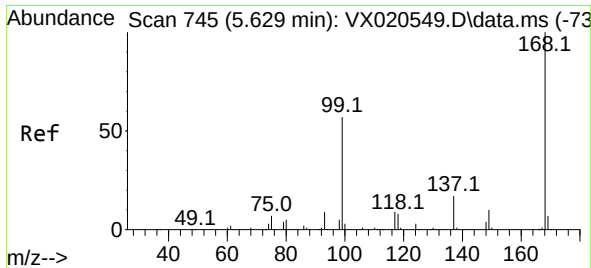
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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1717-1718

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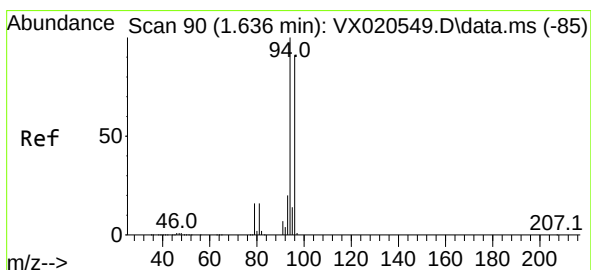
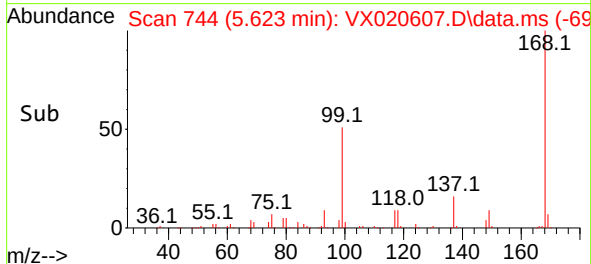
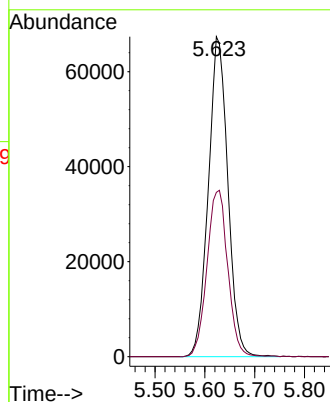
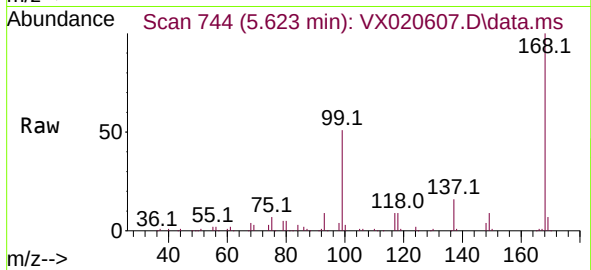




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.006 min
Lab File: VX020607.D
Acq: 14 Jan 2021 13:08

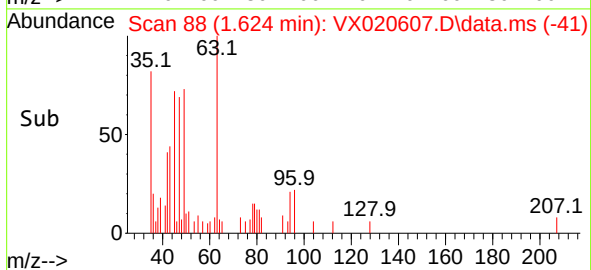
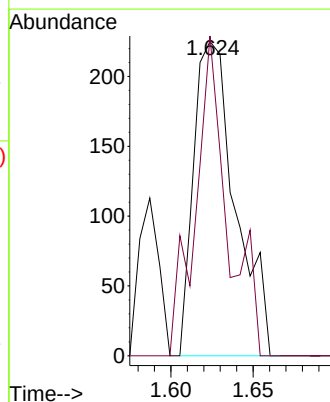
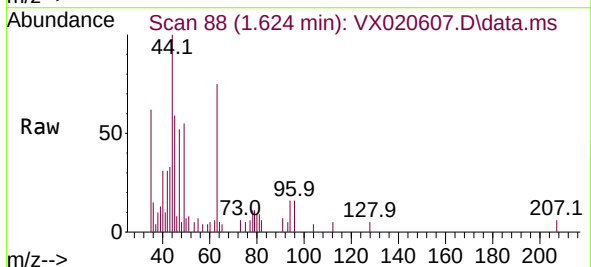
Instrument :
MSVOA_X
ClientSampleId :
1717-1718

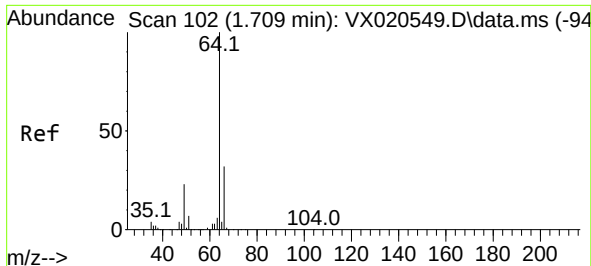
Tgt Ion:168 Resp: 182788
Ion Ratio Lower Upper
168 100
99 51.3 45.8 68.6



#5
Bromomethane
Concen: 0.31 ug/l
RT: 1.624 min Scan# 88
Delta R.T. -0.012 min
Lab File: VX020607.D
Acq: 14 Jan 2021 13:08

Tgt Ion: 94 Resp: 398
Ion Ratio Lower Upper
94 100
96 101.8 76.4 114.6

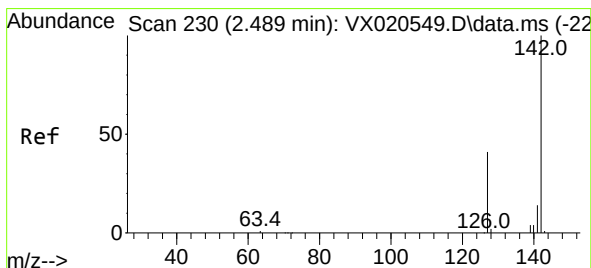
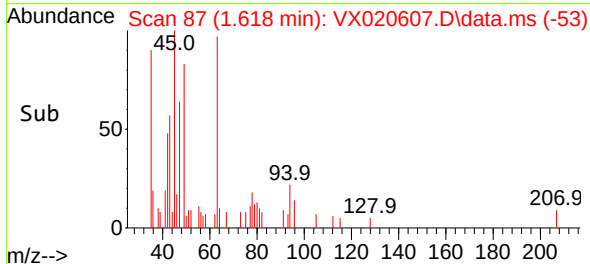
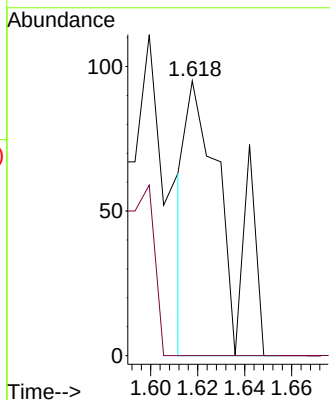
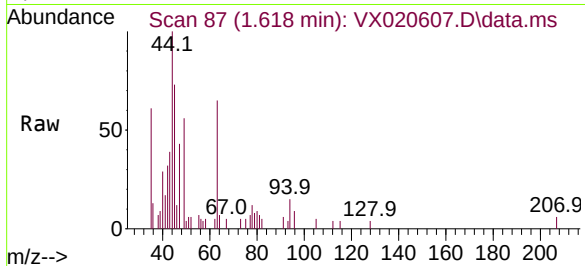




#6
Chloroethane
Concen: 0.51 ug/l
RT: 1.618 min Scan# 87
Delta R.T. -0.091 min
Lab File: VX020607.D
Acq: 14 Jan 2021 13:08

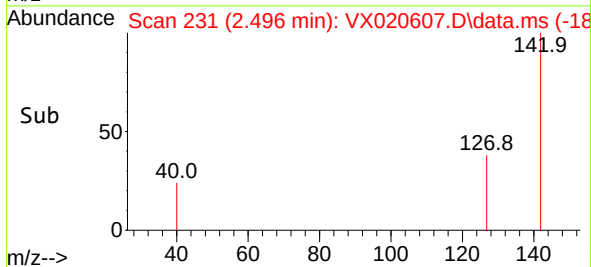
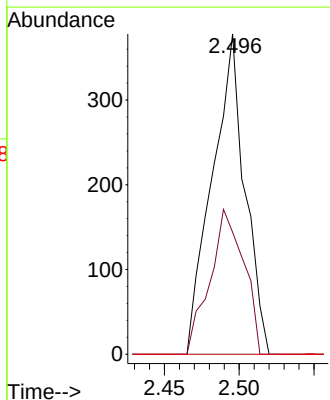
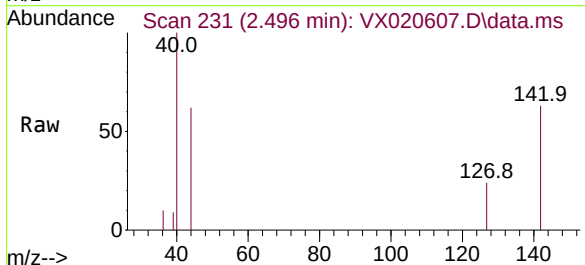
Instrument :
MSVOA_X
ClientSampled :
1717-1718

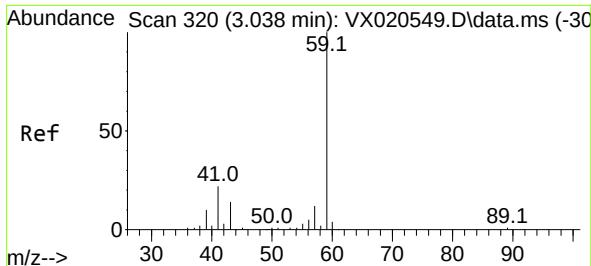
Tgt Ion: 64 Resp: 111
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



#10
Methyl Iodide
Concen: 0.23 ug/l
RT: 2.496 min Scan# 231
Delta R.T. 0.007 min
Lab File: VX020607.D
Acq: 14 Jan 2021 13:08

Tgt Ion: 142 Resp: 573
Ion Ratio Lower Upper
142 100
127 46.9 33.3 49.9
141 0.0 11.4 17.0#



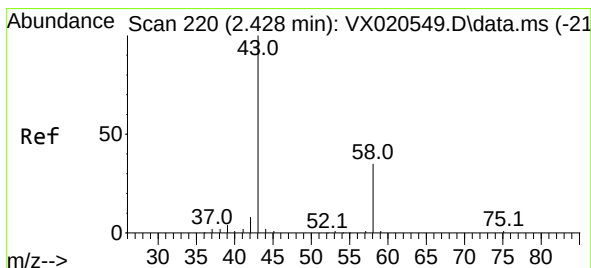
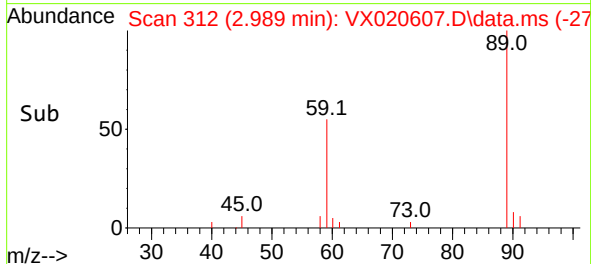
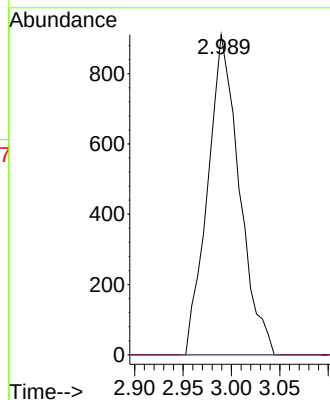
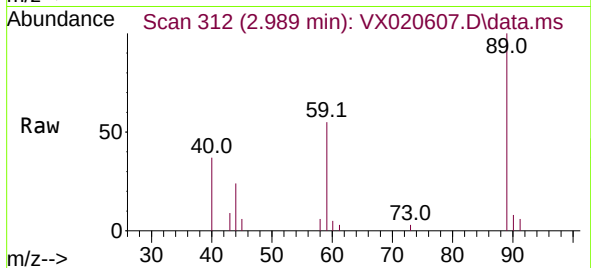


#11

Tert butyl alcohol
Concen: 2.92 ug/l
RT: 2.989 min Scan# 312
Delta R.T. -0.049 min
Lab File: VX020607.D
Acq: 14 Jan 2021 13:08

Instrument :
MSVOA_X
ClientSampled :
1717-1718

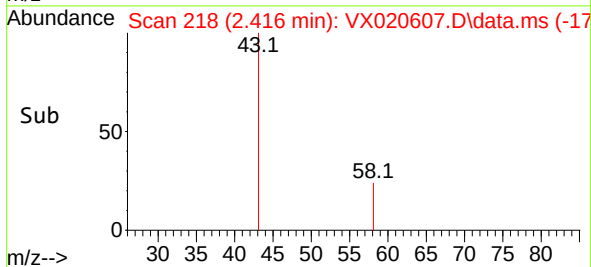
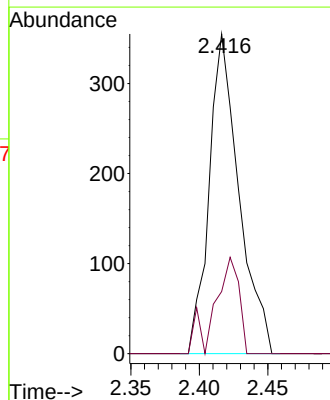
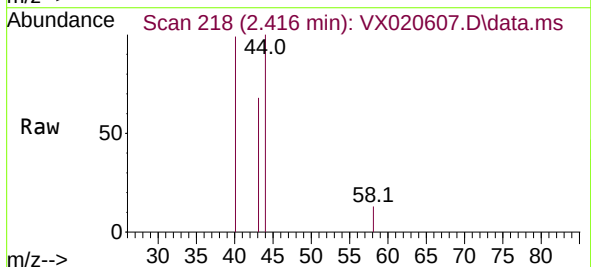
Tgt Ion: 59 Resp: 2077
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

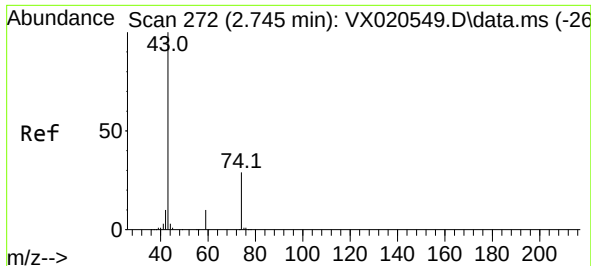


#16

Acetone
Concen: Below Cal
RT: 2.416 min Scan# 218
Delta R.T. -0.012 min
Lab File: VX020607.D
Acq: 14 Jan 2021 13:08

Tgt Ion: 43 Resp: 537
Ion Ratio Lower Upper
43 100
58 19.4 27.8 41.8#





#18

Methyl Acetate

Concen: 0.34 ug/l

RT: 2.752 min Scan# 273

Delta R.T. 0.007 min

Lab File: VX020607.D

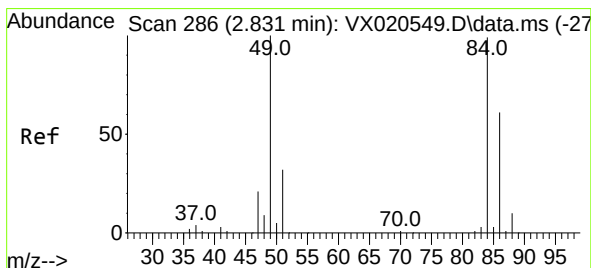
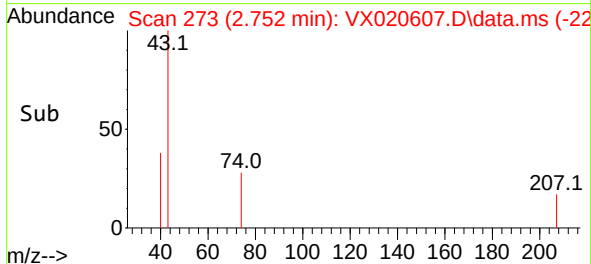
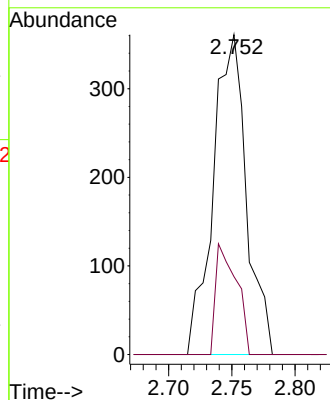
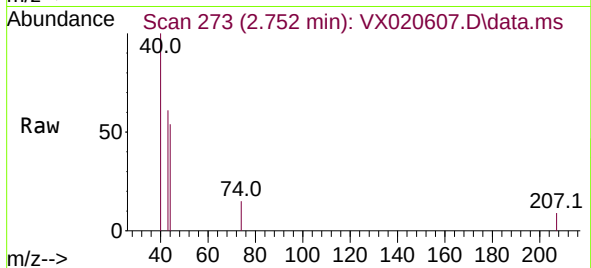
Acq: 14 Jan 2021 13:08

Tgt Ion: 43 Resp: 660

Ion Ratio Lower Upper

43 100

74 21.7 21.9 32.9#



#20

Methylene Chloride

Concen: 0.29 ug/l

RT: 2.831 min Scan# 286

Delta R.T. -0.000 min

Lab File: VX020607.D

Acq: 14 Jan 2021 13:08

Tgt Ion: 84 Resp: 608

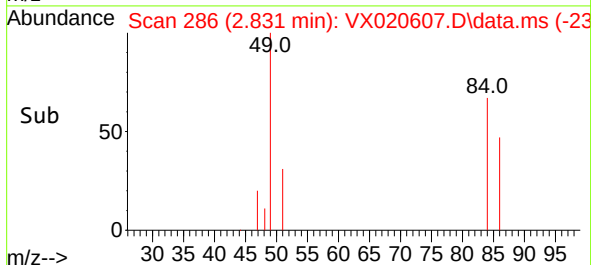
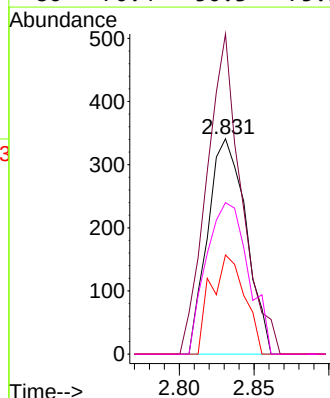
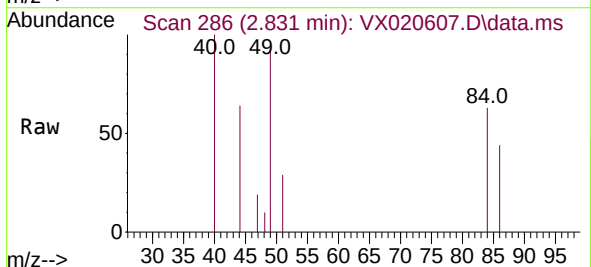
Ion Ratio Lower Upper

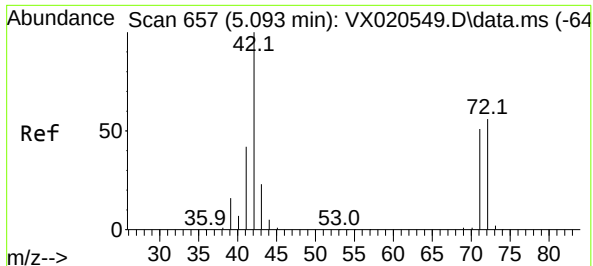
84 100

49 148.7 88.6 132.8#

51 46.0 27.0 40.6#

86 70.4 50.3 75.5





#29

Tetrahydrofuran

Concen: 0.21 ug/l

RT: 5.117 min Scan# 661

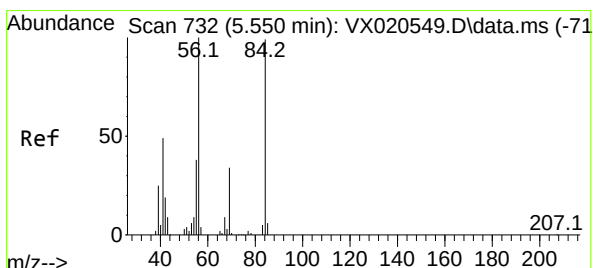
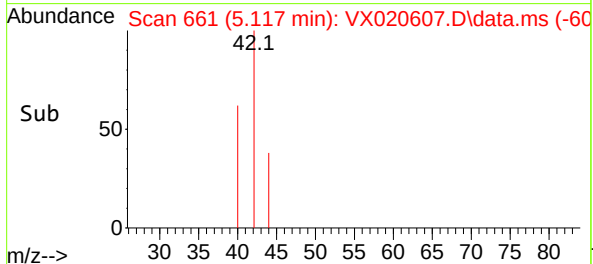
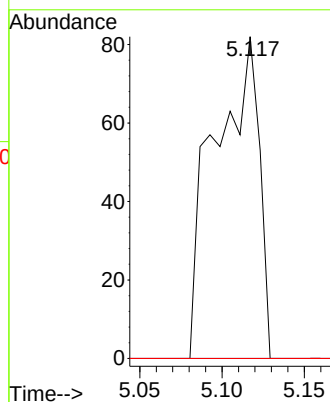
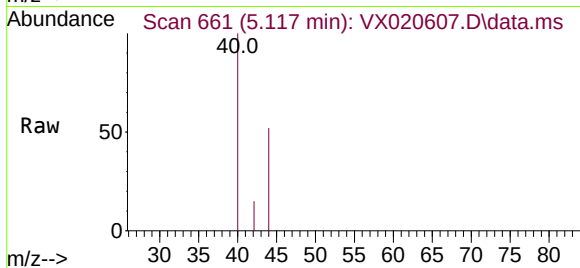
Delta R.T. 0.024 min

Lab File: VX020607.D

Acq: 14 Jan 2021 13:08

Instrument :
MSVOA_X
ClientSampled :
1717-1718

Tgt Ion:	42	Resp:	154
Ion	Ratio	Lower	Upper
42	100		
72	0.0	41.7	62.5#
71	0.0	38.4	57.6#



#31

Cyclohexane

Concen: 1.23 ug/l

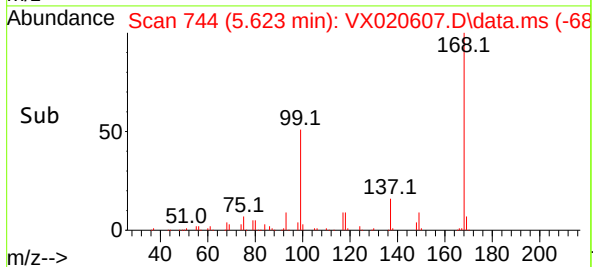
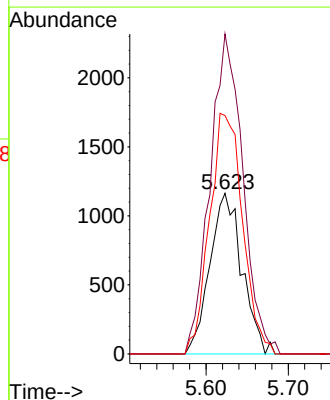
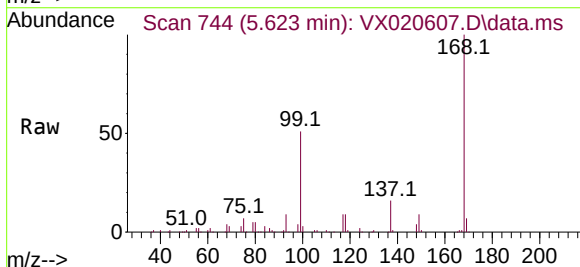
RT: 5.623 min Scan# 744

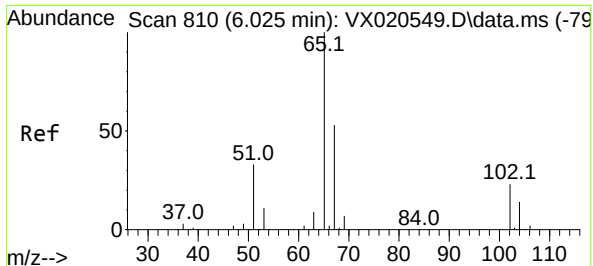
Delta R.T. 0.073 min

Lab File: VX020607.D

Acq: 14 Jan 2021 13:08

Tgt Ion:	56	Resp:	3176
Ion	Ratio	Lower	Upper
56	100		
69	199.3	25.3	37.9#
84	148.5	71.4	107.0#





#33

1,2-Dichloroethane-d4

Concen: 51.96 ug/l

RT: 6.025 min Scan# 810

Delta R.T. 0.000 min

Lab File: VX020607.D

Acq: 14 Jan 2021 13:08

Tgt Ion: 65 Resp: 114071

Ion Ratio Lower Upper

65 100

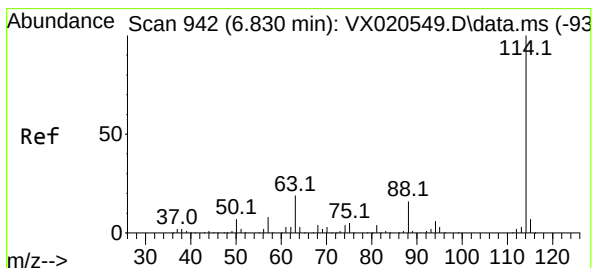
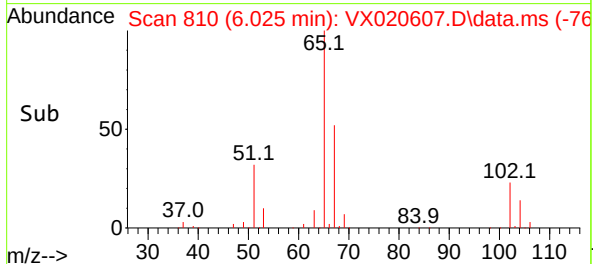
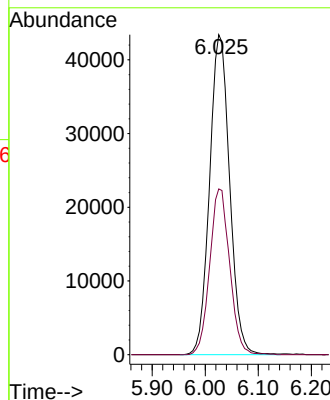
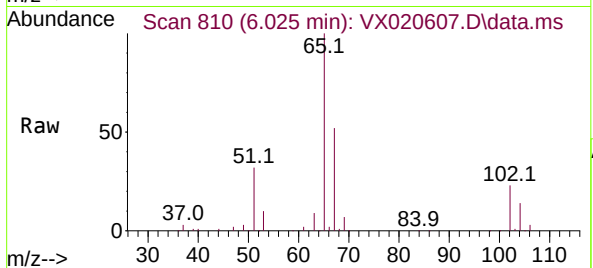
67 51.4 0.0 105.4

Instrument :

MSVOA_X

ClientSampleId :

1717-1718



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.830 min Scan# 942

Delta R.T. 0.000 min

Lab File: VX020607.D

Acq: 14 Jan 2021 13:08

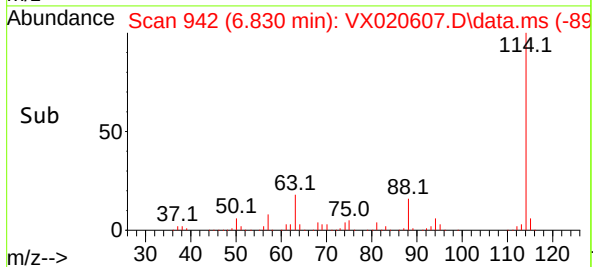
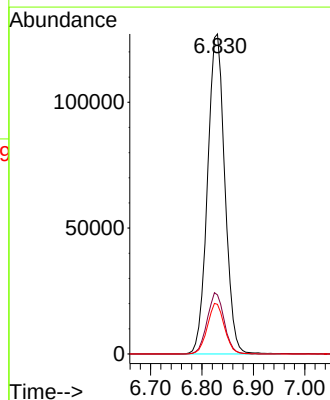
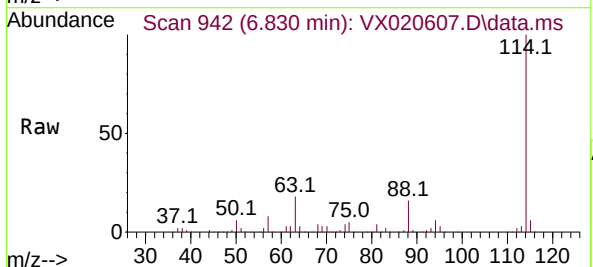
Tgt Ion:114 Resp: 296800

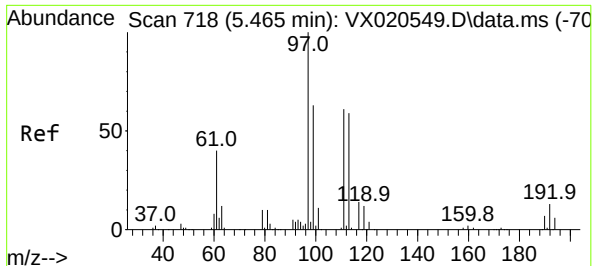
Ion Ratio Lower Upper

114 100

63 18.5 0.0 40.8

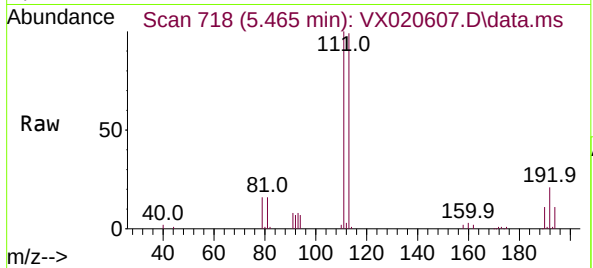
88 15.5 0.0 32.8



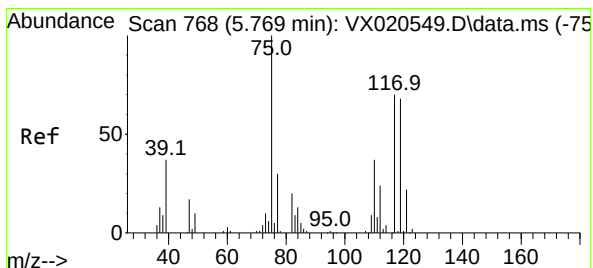
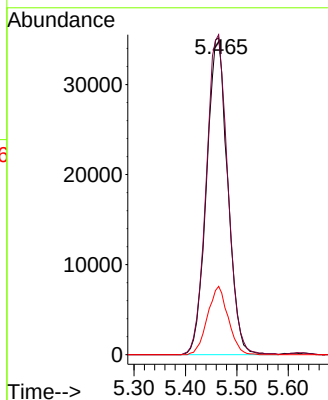
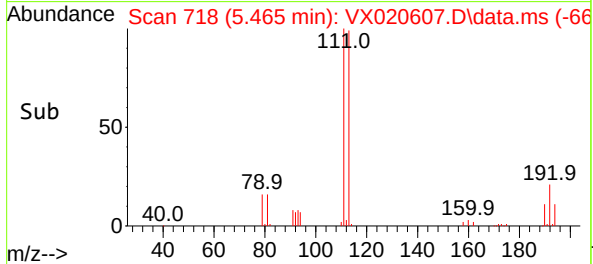


#35
Dibromofluoromethane
Concen: 48.83 ug/l
RT: 5.465 min Scan# 718
Delta R.T. -0.000 min
Lab File: VX020607.D
Acq: 14 Jan 2021 13:08

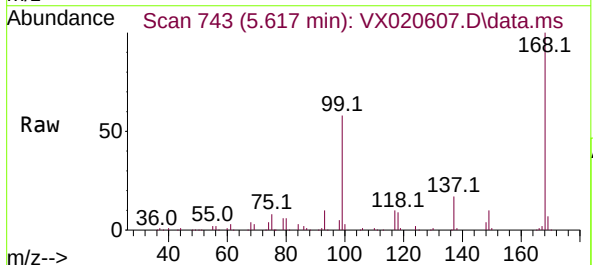
Instrument :
MSVOA_X
ClientSampleId :
1717-1718



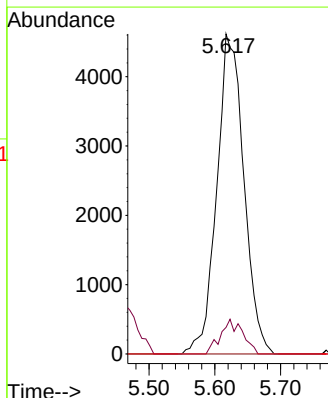
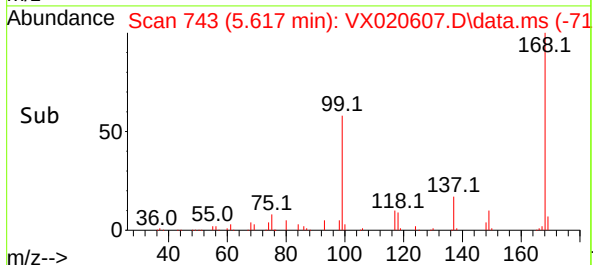
Tgt Ion:113 Resp: 100416
Ion Ratio Lower Upper
113 100
111 103.0 81.9 122.9
192 21.1 16.7 25.1

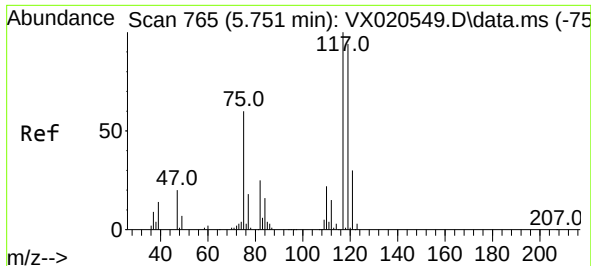


#36
1,1-Dichloropropene
Concen: 4.87 ug/l
RT: 5.617 min Scan# 743
Delta R.T. -0.152 min
Lab File: VX020607.D
Acq: 14 Jan 2021 13:08



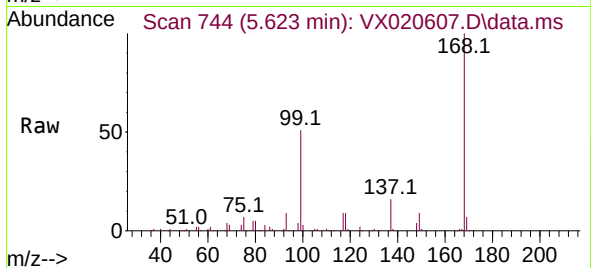
Tgt Ion: 75 Resp: 13209
Ion Ratio Lower Upper
75 100
110 8.9 18.1 54.4#
77 0.0 25.3 37.9#



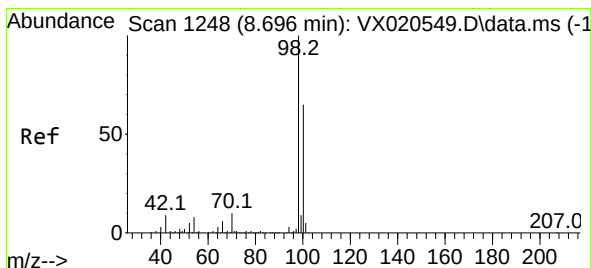
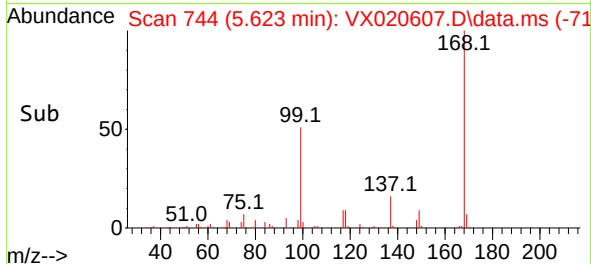
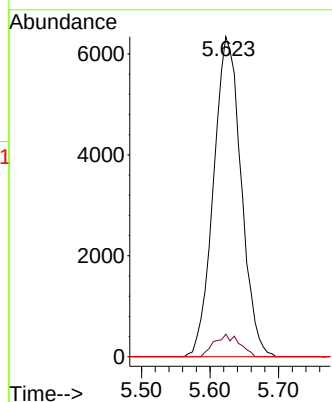


#38
Carbon Tetrachloride
Concen: 5.60 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.128 min
Lab File: VX020607.D
Acq: 14 Jan 2021 13:08

Instrument :
MSVOA_X
ClientSampleId :
1717-1718

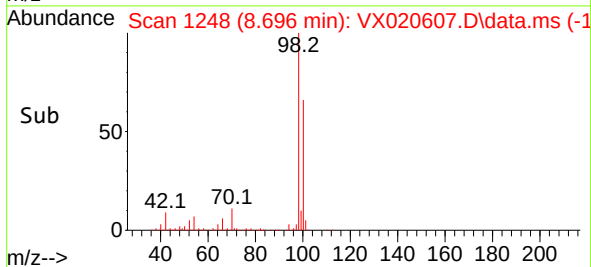
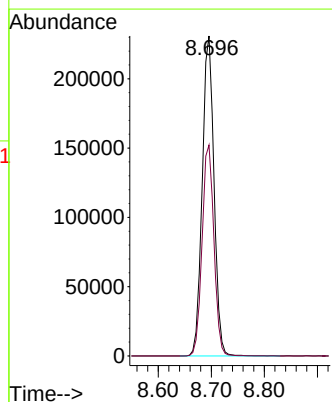
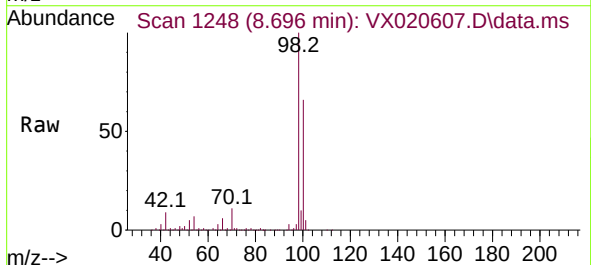


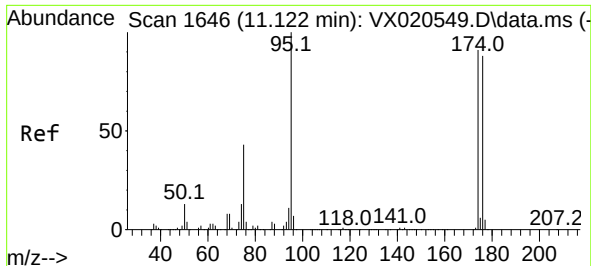
Tgt Ion:117 Resp: 17730
Ion Ratio Lower Upper
117 100
119 7.1 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 48.22 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. -0.000 min
Lab File: VX020607.D
Acq: 14 Jan 2021 13:08

Tgt Ion: 98 Resp: 354828
Ion Ratio Lower Upper
98 100
100 66.4 51.9 77.9

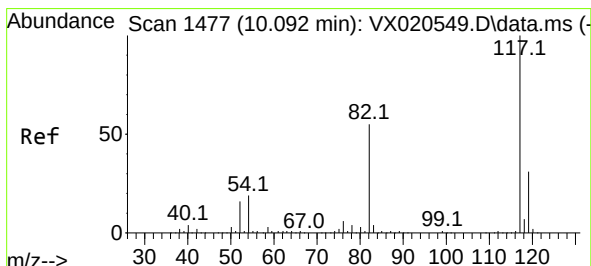
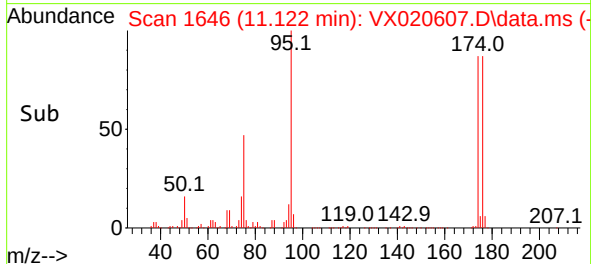
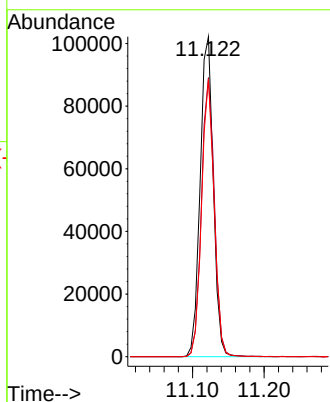
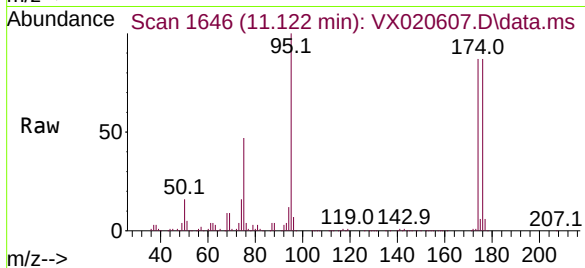




#62
4-Bromofluorobenzene
Concen: 50.20 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.000 min
Lab File: VX020607.D
Acq: 14 Jan 2021 13:08

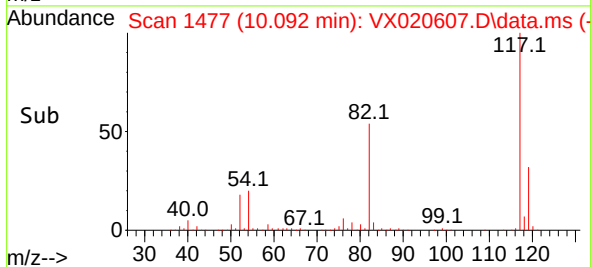
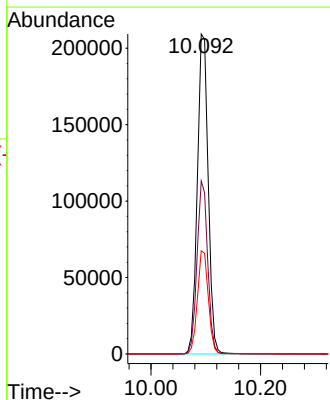
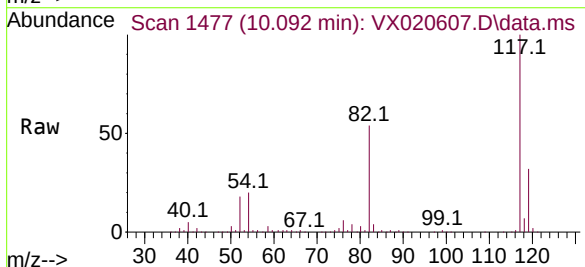
Instrument :
MSVOA_X
ClientSampleId :
1717-1718

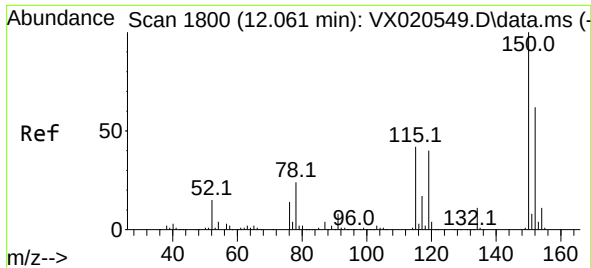
Tgt Ion: 95 Resp: 130449
Ion Ratio Lower Upper
95 100
174 85.8 0.0 154.6
176 83.0 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VX020607.D
Acq: 14 Jan 2021 13:08

Tgt Ion: 117 Resp: 289116
Ion Ratio Lower Upper
117 100
82 54.0 47.4 71.2
119 32.3 26.6 39.8

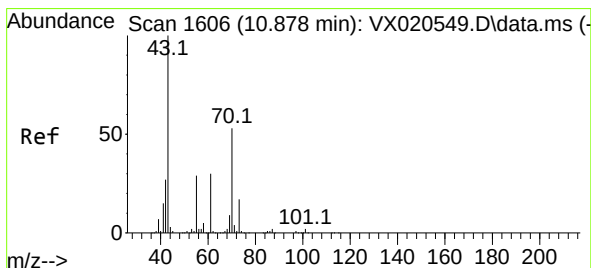
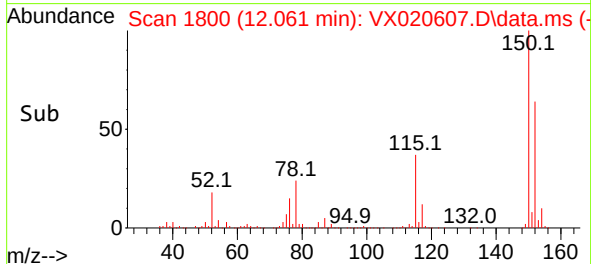
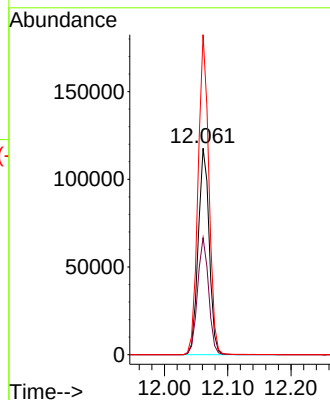
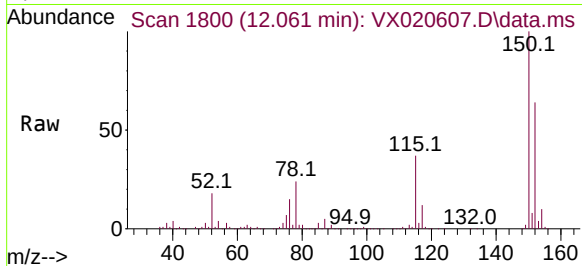




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020607.D
Acq: 14 Jan 2021 13:08

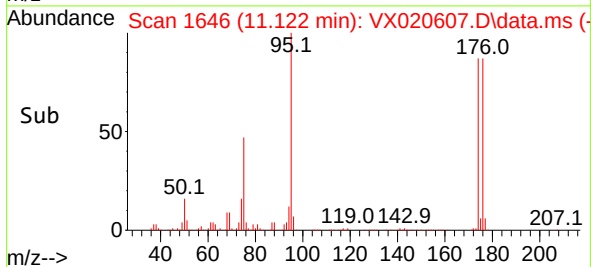
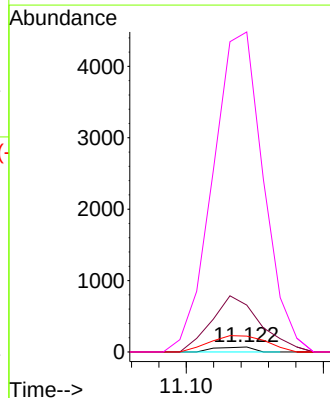
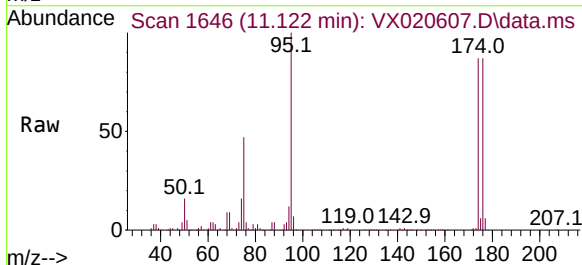
Instrument :
MSVOA_X
ClientSampleId :
1717-1718

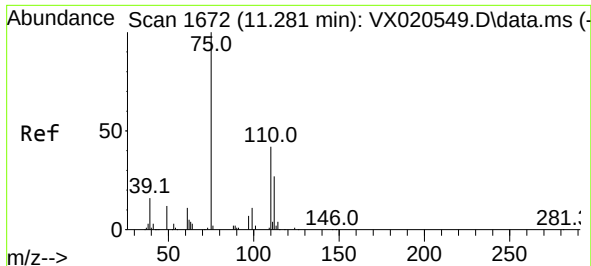
Tgt Ion:152 Resp: 142120
Ion Ratio Lower Upper
152 100
115 56.9 41.1 123.3
150 152.4 0.0 349.0



#74
N-ethyl acetate
Concen: 1.26 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.244 min
Lab File: VX020607.D
Acq: 14 Jan 2021 13:08

Tgt Ion: 43 Resp: 68
Ion Ratio Lower Upper
43 100
70 1445.6 39.0 58.6#
55 486.8 21.5 32.3#
61 8479.4 22.1 33.1#

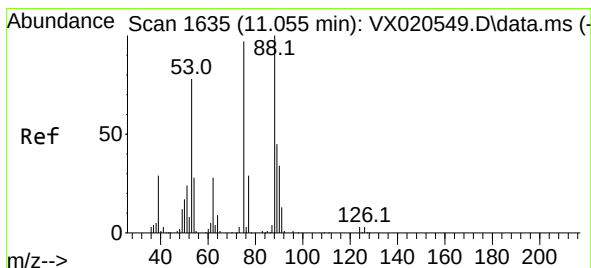
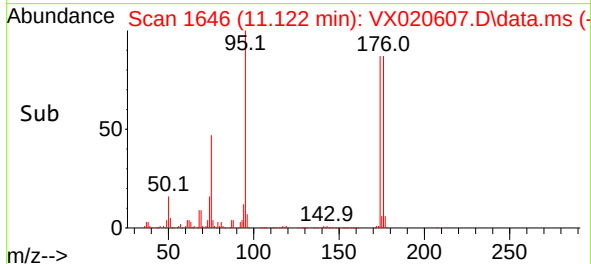
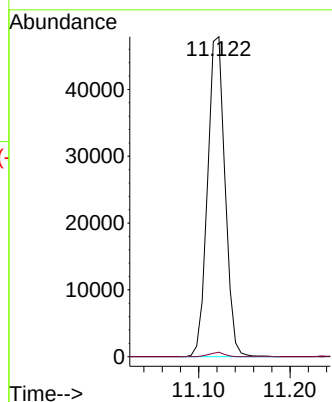
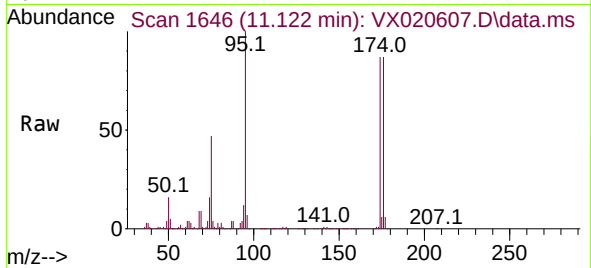




#76
1,2,3-Trichloropropane
Concen: 21.13 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.159 min
Lab File: VX020607.D
Acq: 14 Jan 2021 13:08

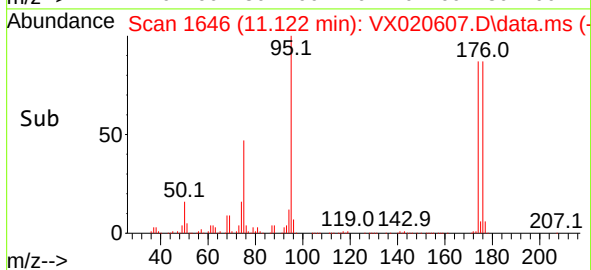
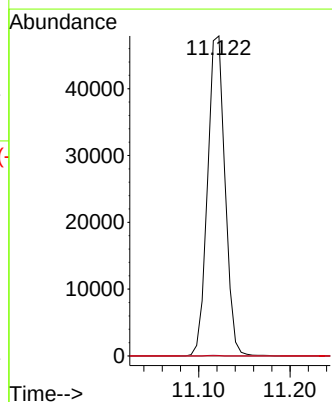
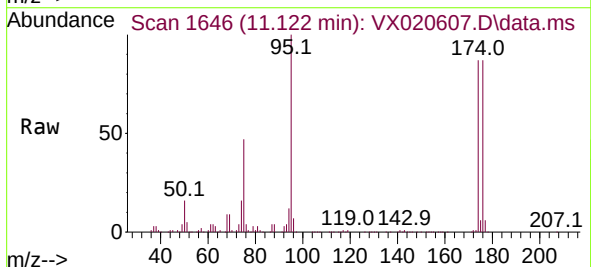
Instrument :
MSVOA_X
ClientSampled :
1717-1718

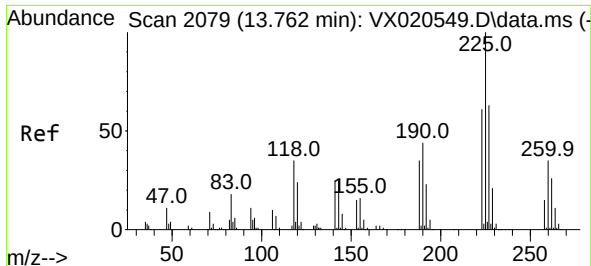
Tgt Ion: 75 Resp: 63272
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 57.58 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.067 min
Lab File: VX020607.D
Acq: 14 Jan 2021 13:08

Tgt Ion: 75 Resp: 63272
Ion Ratio Lower Upper
75 100
53 0.1 74.5 111.7#
89 0.0 37.9 56.9#

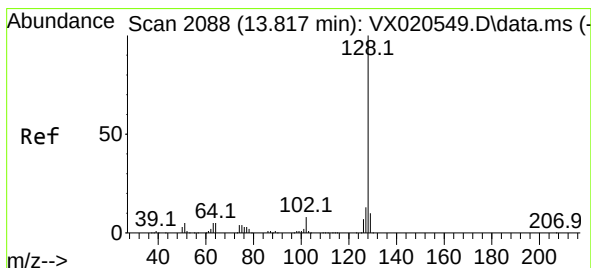
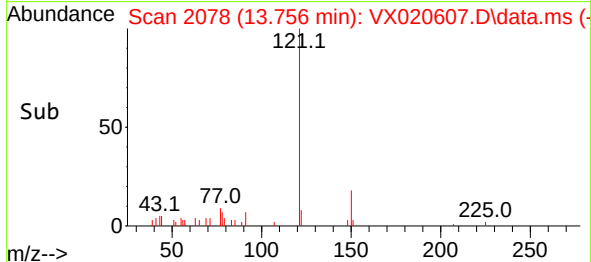
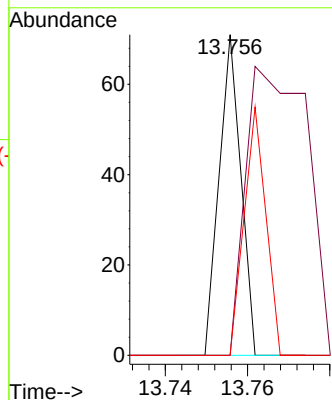
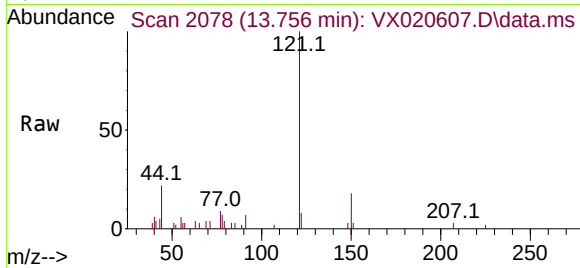




#94
Hexachlorobutadiene
Concen: 0.88 ug/l
RT: 13.756 min Scan# 2078
Delta R.T. -0.006 min
Lab File: VX020607.D
Acq: 14 Jan 2021 13:08

Instrument :
MSVOA_X
ClientSampled :
1717-1718

Tgt Ion:	225	Resp:	26
Ion	Ratio	Lower	Upper
225	100		
223	253.8	31.1	93.2#
227	76.9	31.6	95.0



#95
Naphthalene
Concen: 3.91 ug/l
RT: 13.823 min Scan# 2089
Delta R.T. 0.006 min
Lab File: VX020607.D
Acq: 14 Jan 2021 13:08

Tgt Ion:	128	Resp:	684
Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.3	15.5
129	9.1	8.8	13.2

