

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011421\
 Data File : VX020626.D
 Acq On : 14 Jan 2021 20:26
 Operator : JC/MD
 Sample : M1125-01
 Misc : 1.10g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 27 Sample Multiplier: 1

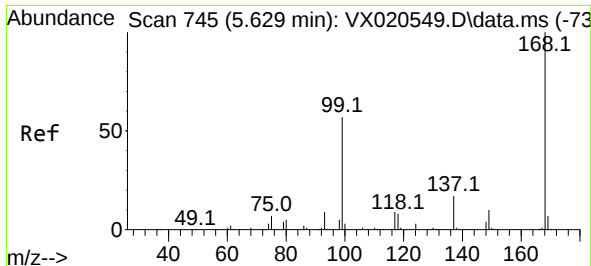
Instrument :
 MSVOA_X
 ClientSampleId :
 1717-1718

Quant Time: Jan 15 05:13:31 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	5.617	168	194226	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.824	114	306544	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	294102	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.067	152	141983	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.032	65	115295	49.42	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	98.84%		
35) Dibromofluoromethane	5.465	113	99450	46.82	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	93.64%		
50) Toluene-d8	8.696	98	367978	48.42	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	96.84%		
62) 4-Bromofluorobenzene	11.122	95	135988	50.67	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	101.34%		
Target Compounds						Qvalue
5) Bromomethane	1.636	94	477	0.35	ug/l	86
6) Chloroethane	1.703	64	43	0.46	ug/l #	43
11) Tert butyl alcohol	2.995	59	1319	0.83	ug/l #	73
16) Acetone	2.392	43	48	Below Cal	#	40
18) Methyl Acetate	2.770	43	12134	5.87	ug/l	100
20) Methylene Chloride	2.825	84	1610	0.73	ug/l	98
31) Cyclohexane	5.623	56	3346	1.22	ug/l #	1
36) 1,1-Dichloropropene	5.617	75	13589	4.85	ug/l #	49
38) Carbon Tetrachloride	5.623	117	18514	5.66	ug/l #	16
41) Methacrylonitrile	5.129	41	338	0.25	ug/l #	31
43) Isopropyl Acetate	6.440	43	1361	0.35	ug/l #	57
48) Methyl methacrylate	7.757	41	1347	0.70	ug/l	97
51) 4-Methyl-2-Pentanone	8.647	43	808	0.33	ug/l	97
68) m/p-Xylenes	10.342	106	823	0.21	ug/l	98
74) N-amyl acetate	10.909	43	210	1.30	ug/l #	56
76) 1,2,3-Trichloropropane	11.122	75	63430	21.21	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.122	75	63430	57.78	ug/l #	12
84) 1,2,4-Trimethylbenzene	11.793	105	2226	0.28	ug/l	98
86) p-Isopropyltoluene	12.049	119	5806	0.70	ug/l	90
92) 1,2-Dibromo-3-Chloropr...	12.902	75	228	0.31	ug/l #	1
95) Naphthalene	13.817	128	4411	4.23	ug/l #	90

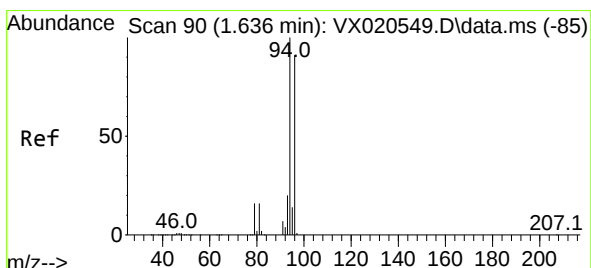
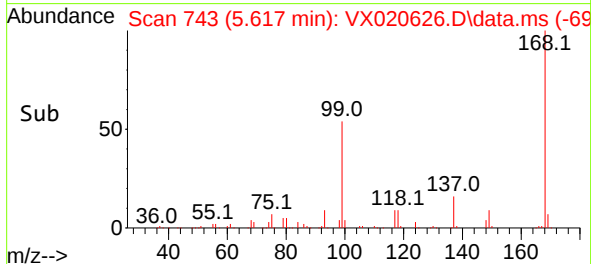
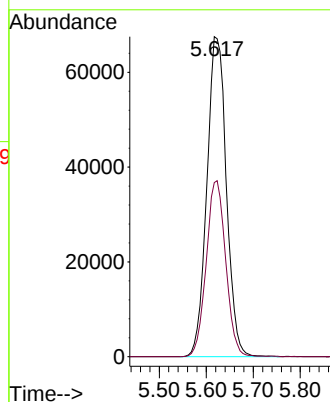
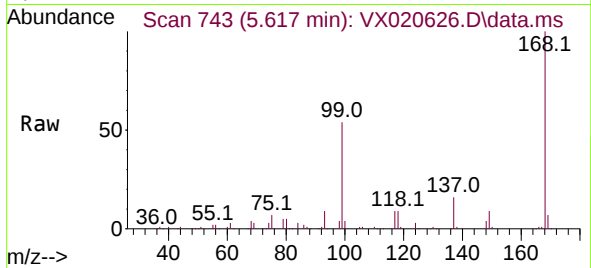
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.617 min Scan# 743
Delta R.T. -0.012 min
Lab File: VX020626.D
Acq: 14 Jan 2021 20:26

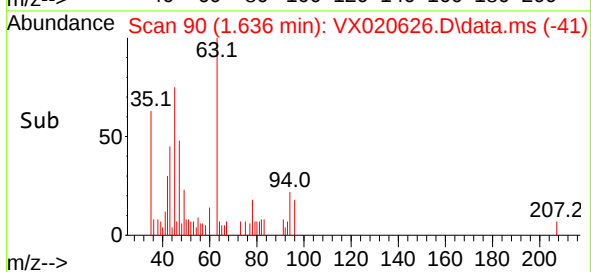
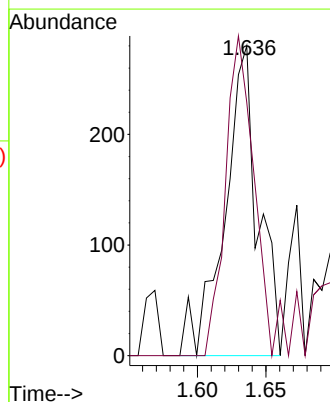
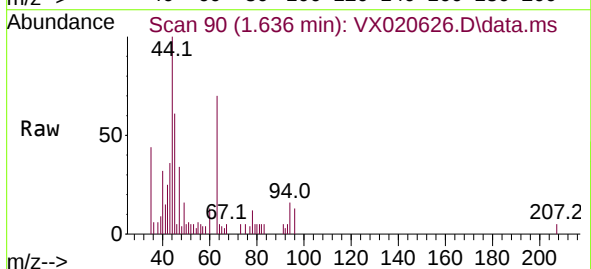
Instrument :
MSVOA_X
ClientSampled :
1717-1718

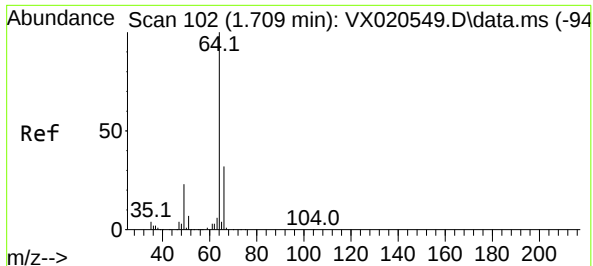
Tgt Ion:168 Resp: 194226
Ion Ratio Lower Upper
168 100
99 54.4 45.8 68.6



#5
Bromomethane
Concen: 0.35 ug/l
RT: 1.636 min Scan# 90
Delta R.T. -0.000 min
Lab File: VX020626.D
Acq: 14 Jan 2021 20:26

Tgt Ion: 94 Resp: 477
Ion Ratio Lower Upper
94 100
96 81.8 76.4 114.6

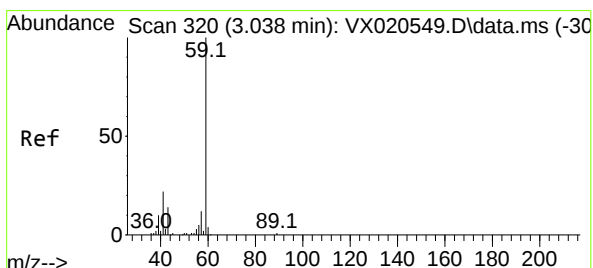
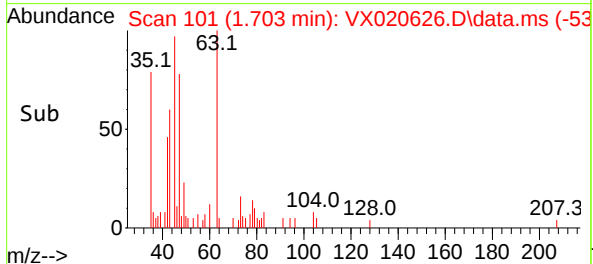
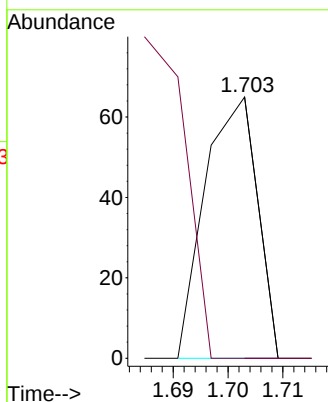
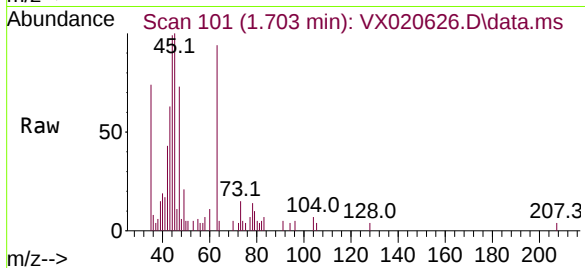




#6
Chloroethane
Concen: 0.46 ug/l
RT: 1.703 min Scan# 101
Delta R.T. -0.006 min
Lab File: VX020626.D
Acq: 14 Jan 2021 20:26

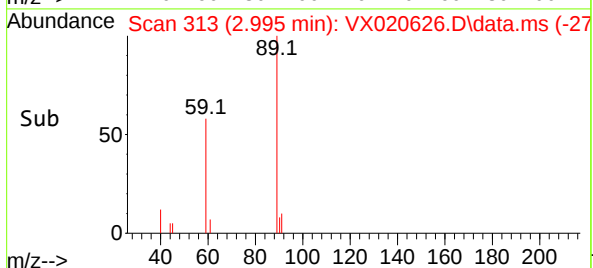
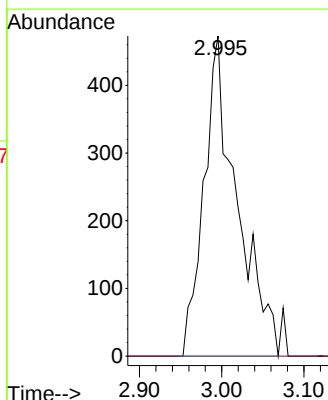
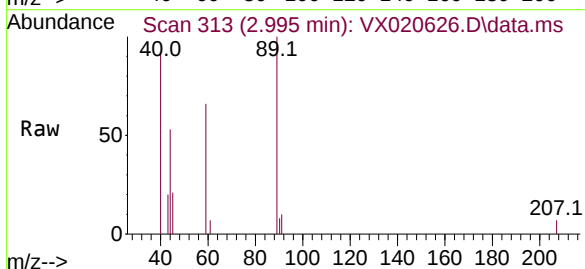
Instrument :
MSVOA_X
ClientSampleId :
1717-1718

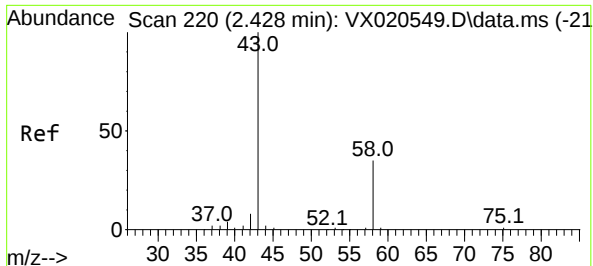
Tgt Ion: 64 Resp: 43
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



#11
Tert butyl alcohol
Concen: 0.83 ug/l
RT: 2.995 min Scan# 313
Delta R.T. -0.043 min
Lab File: VX020626.D
Acq: 14 Jan 2021 20:26

Tgt Ion: 59 Resp: 1319
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

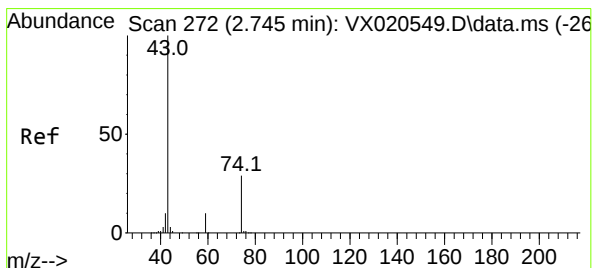
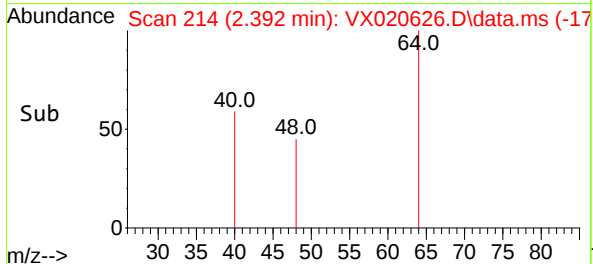
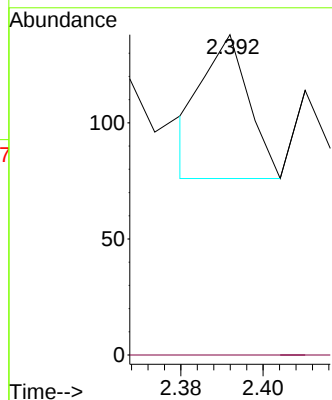
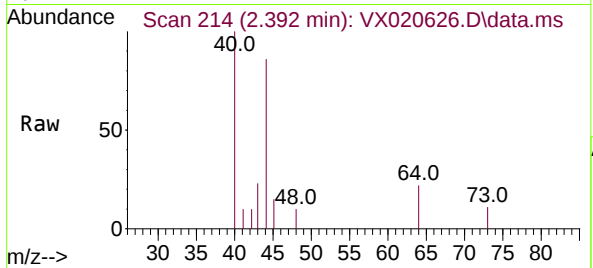




#16
Acetone
Concen: Below Cal
RT: 2.392 min Scan# 214
Delta R.T. -0.036 min
Lab File: VX020626.D
Acq: 14 Jan 2021 20:26

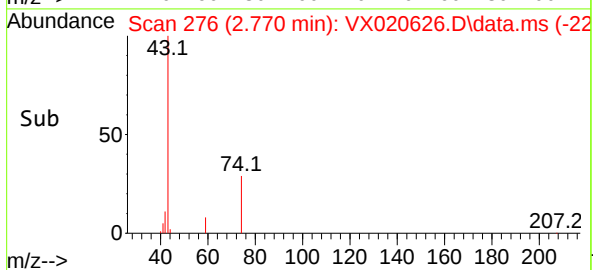
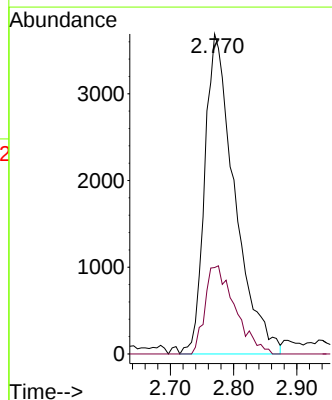
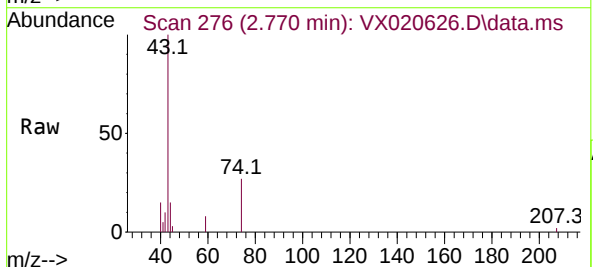
Instrument :
MSVOA_X
ClientSampleId :
1717-1718

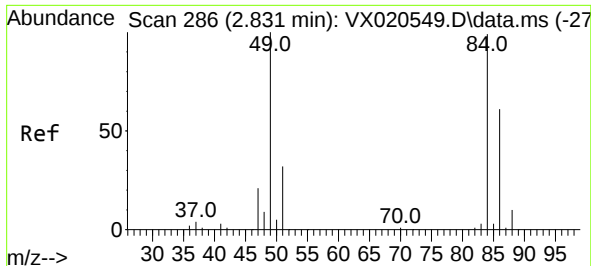
Tgt Ion: 43 Resp: 48
Ion Ratio Lower Upper
43 100
58 0.0 27.8 41.8#



#18
Methyl Acetate
Concen: 5.87 ug/l
RT: 2.770 min Scan# 276
Delta R.T. 0.025 min
Lab File: VX020626.D
Acq: 14 Jan 2021 20:26

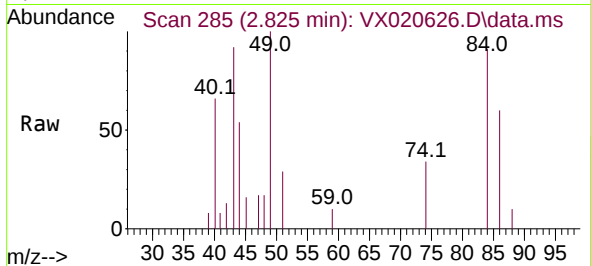
Tgt Ion: 43 Resp: 12134
Ion Ratio Lower Upper
43 100
74 27.6 21.9 32.9



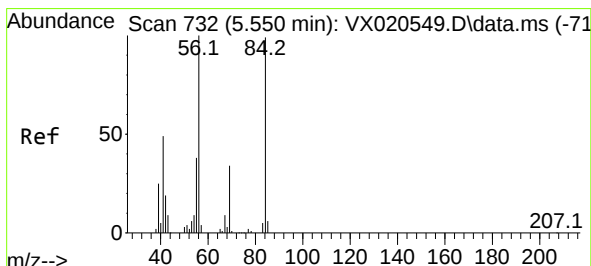
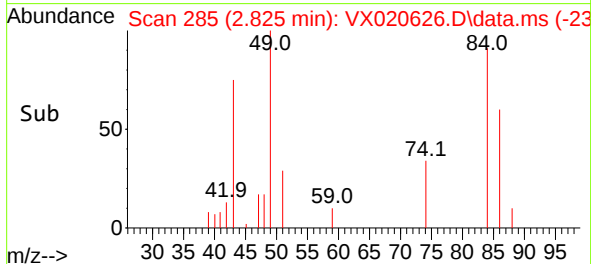
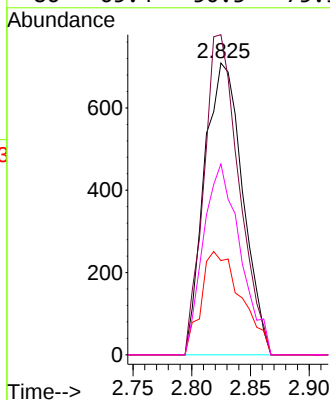


#20
Methylene Chloride
Concen: 0.73 ug/l
RT: 2.825 min Scan# 285
Delta R.T. -0.006 min
Lab File: VX020626.D
Acq: 14 Jan 2021 20:26

Instrument :
MSVOA_X
ClientSampleId :
1717-1718

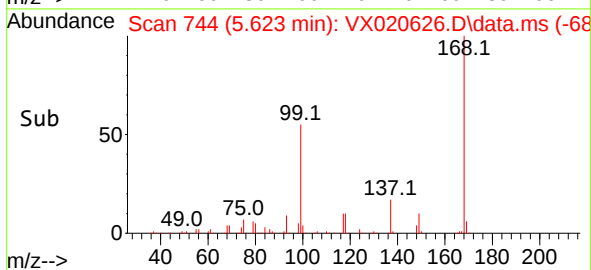
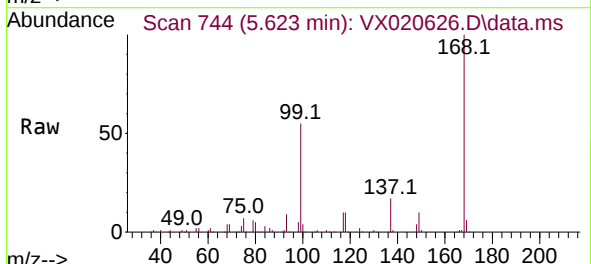
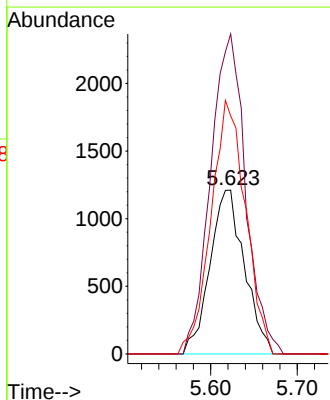


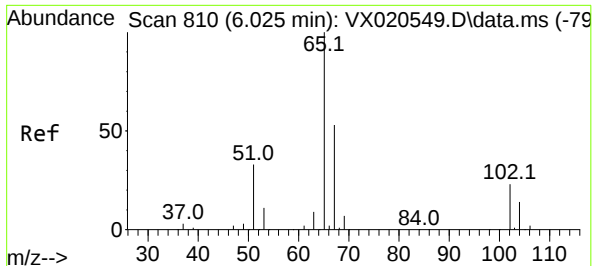
Tgt Ion:	84	Resp:	1610
Ion	Ratio	Lower	Upper
84	100		
49	109.7	88.6	132.8
51	32.3	27.0	40.6
86	65.4	50.3	75.5



#31
Cyclohexane
Concen: 1.22 ug/l
RT: 5.623 min Scan# 744
Delta R.T. 0.073 min
Lab File: VX020626.D
Acq: 14 Jan 2021 20:26

Tgt Ion:	56	Resp:	3346
Ion	Ratio	Lower	Upper
56	100		
69	195.2	25.3	37.9#
84	145.2	71.4	107.0#





#33

1,2-Dichloroethane-d4

Concen: 49.42 ug/l

RT: 6.032 min Scan# 811

Delta R.T. 0.007 min

Lab File: VX020626.D

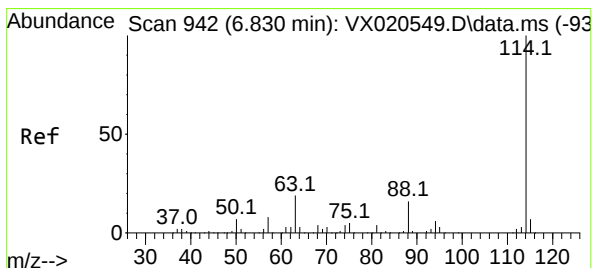
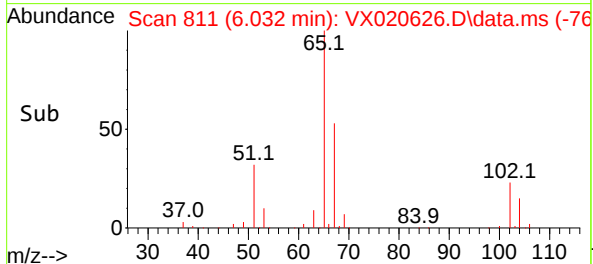
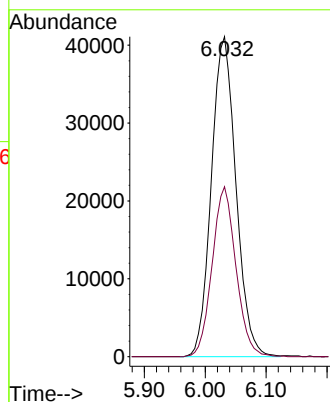
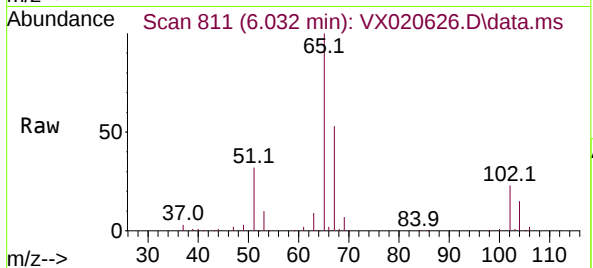
Acq: 14 Jan 2021 20:26

Tgt Ion: 65 Resp: 115295

Ion Ratio Lower Upper

65 100

67 51.4 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: VX020626.D

Acq: 14 Jan 2021 20:26

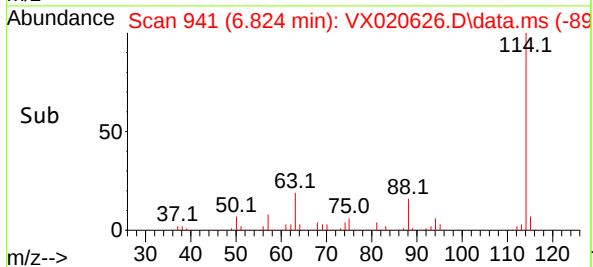
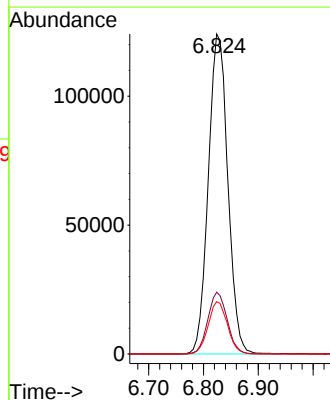
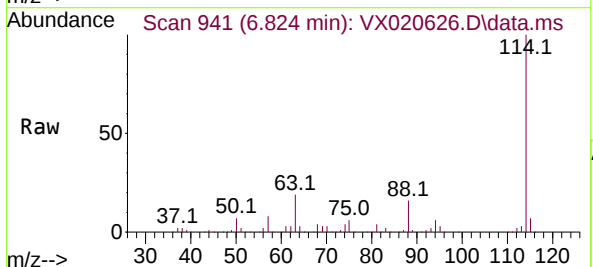
Tgt Ion: 114 Resp: 306544

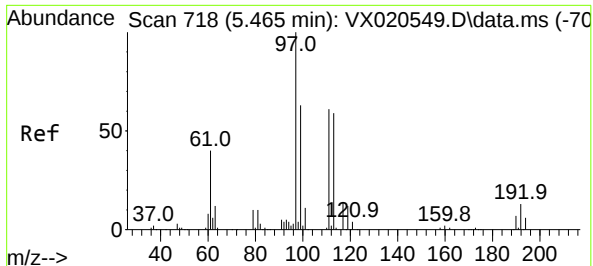
Ion Ratio Lower Upper

114 100

63 19.3 0.0 40.8

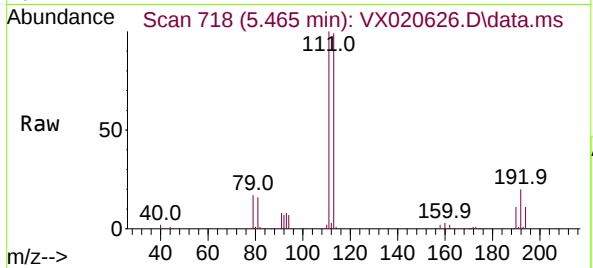
88 16.3 0.0 32.8



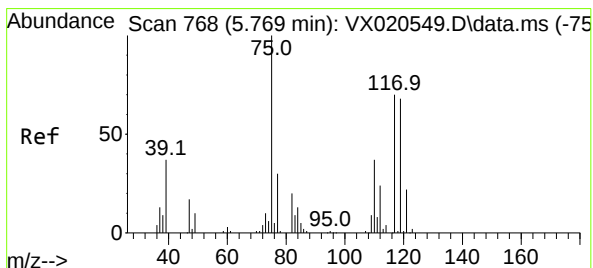
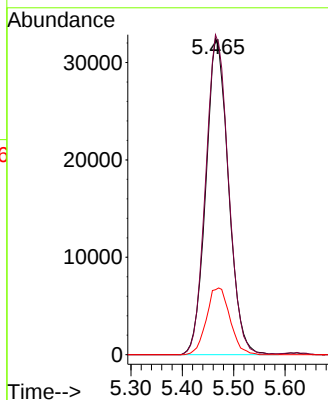
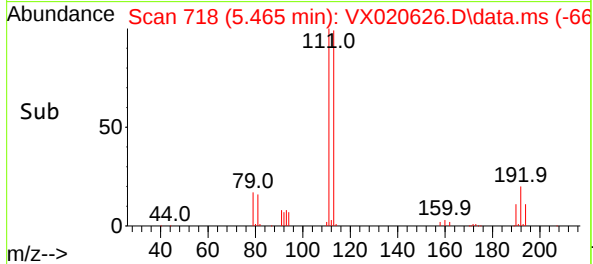


#35
Dibromofluoromethane
Concen: 46.82 ug/l
RT: 5.465 min Scan# 718
Delta R.T. -0.000 min
Lab File: VX020626.D
Acq: 14 Jan 2021 20:26

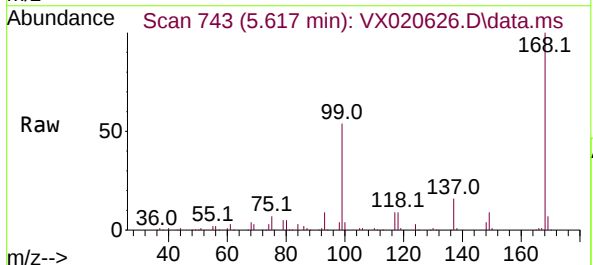
Instrument :
MSVOA_X
ClientSampleId :
1717-1718



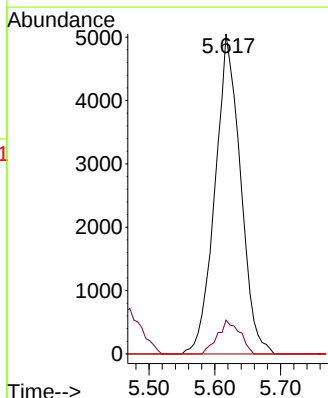
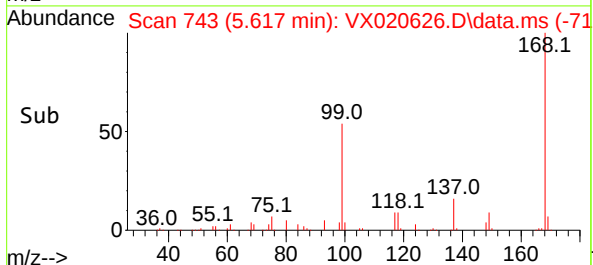
Tgt Ion:113 Resp: 99450
Ion Ratio Lower Upper
113 100
111 102.1 81.9 122.9
192 21.9 16.7 25.1

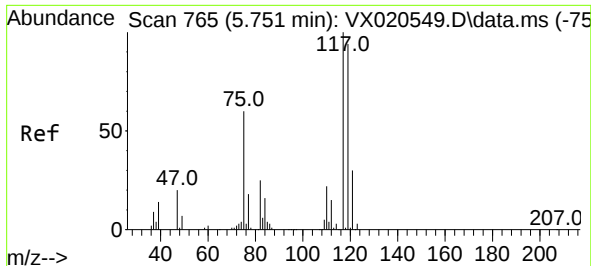


#36
1,1-Dichloropropene
Concen: 4.85 ug/l
RT: 5.617 min Scan# 743
Delta R.T. -0.152 min
Lab File: VX020626.D
Acq: 14 Jan 2021 20:26



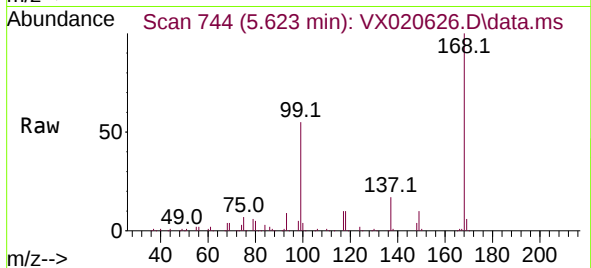
Tgt Ion: 75 Resp: 13589
Ion Ratio Lower Upper
75 100
110 9.2 18.1 54.4#
77 0.0 25.3 37.9#



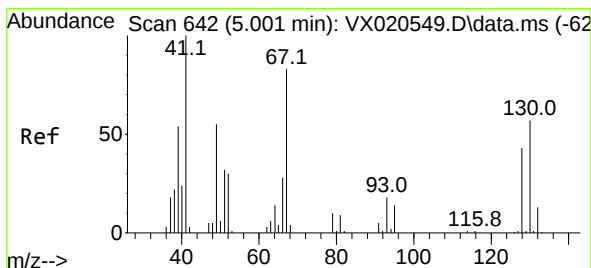
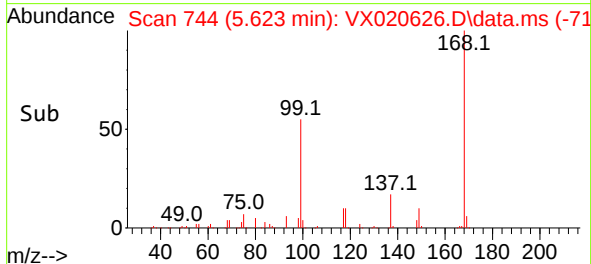
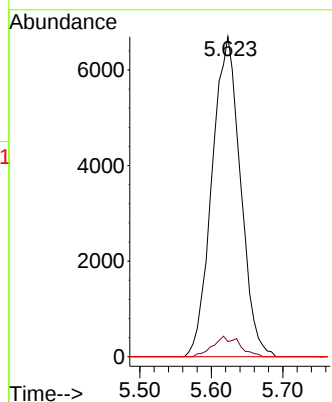


#38
Carbon Tetrachloride
Concen: 5.66 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.128 min
Lab File: VX020626.D
Acq: 14 Jan 2021 20:26

Instrument :
MSVOA_X
ClientSampleId :
1717-1718

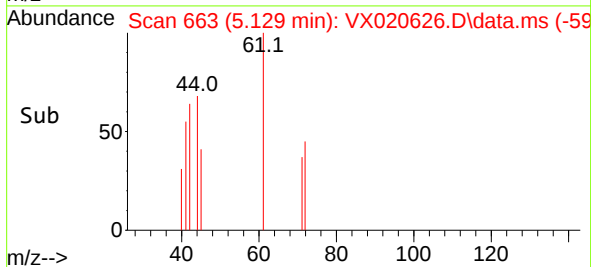
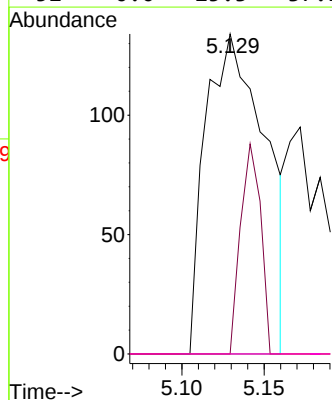
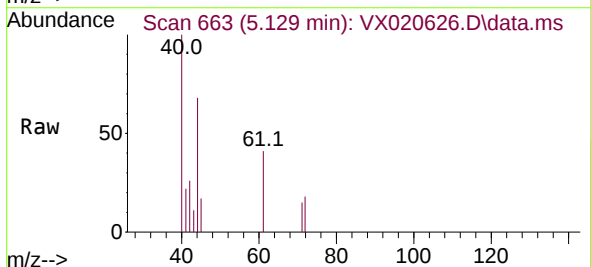


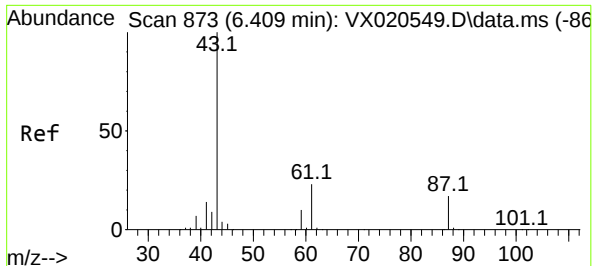
Tgt Ion:117 Resp: 18514
Ion Ratio Lower Upper
117 100
119 4.7 76.2 114.2#
121 0.0 24.8 37.2#



#41
Methacrylonitrile
Concen: 0.25 ug/l
RT: 5.129 min Scan# 663
Delta R.T. 0.128 min
Lab File: VX020626.D
Acq: 14 Jan 2021 20:26

Tgt Ion: 41 Resp: 338
Ion Ratio Lower Upper
41 100
39 22.2 42.5 63.7#
67 0.0 65.0 97.6#
52 0.0 25.3 37.9#

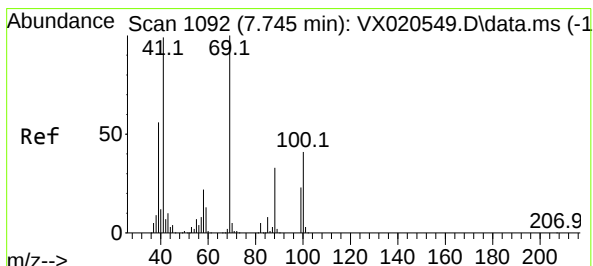
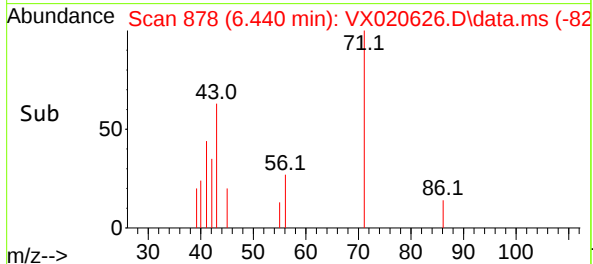
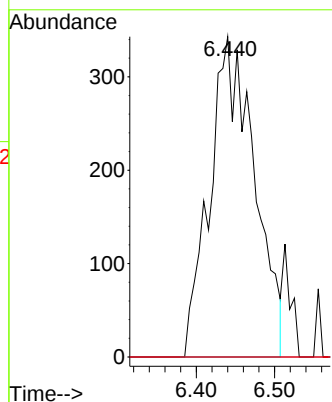
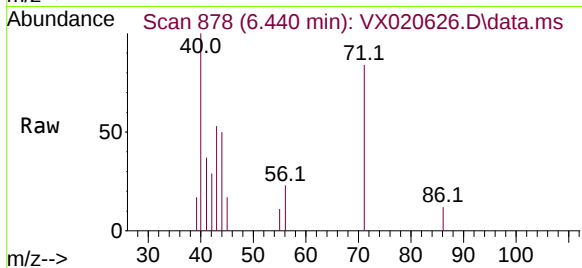




#43
Isopropyl Acetate
Concen: 0.35 ug/l
RT: 6.440 min Scan# 878
Delta R.T. 0.031 min
Lab File: VX020626.D
Acq: 14 Jan 2021 20:26

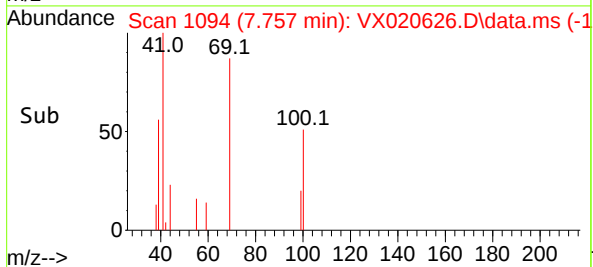
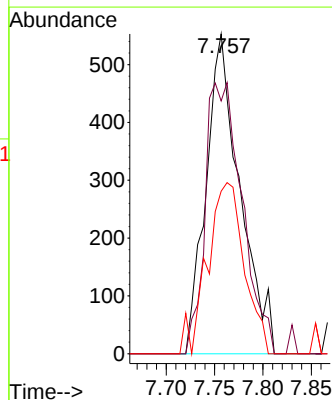
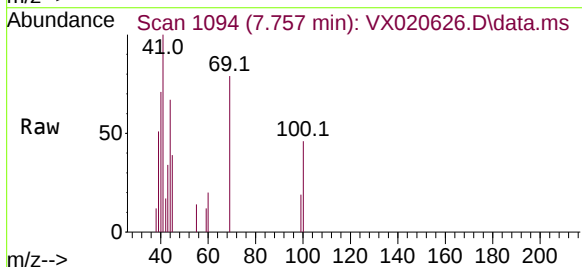
Instrument :
MSVOA_X
ClientSampled :
1717-1718

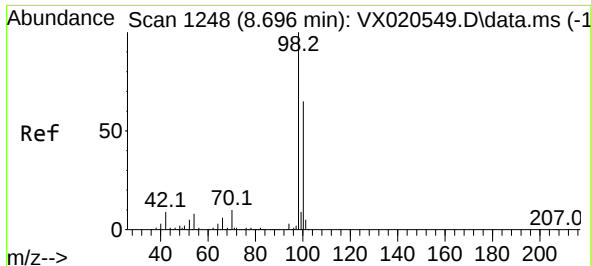
Tgt Ion: 43 Resp: 1361
Ion Ratio Lower Upper
43 100
61 0.0 18.2 27.4#
87 0.0 12.5 18.7#



#48
Methyl methacrylate
Concen: 0.70 ug/l
RT: 7.757 min Scan# 1094
Delta R.T. 0.012 min
Lab File: VX020626.D
Acq: 14 Jan 2021 20:26

Tgt Ion: 41 Resp: 1347
Ion Ratio Lower Upper
41 100
69 92.4 76.0 114.0
39 58.3 44.6 67.0

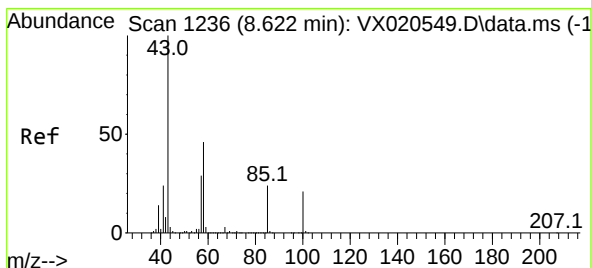
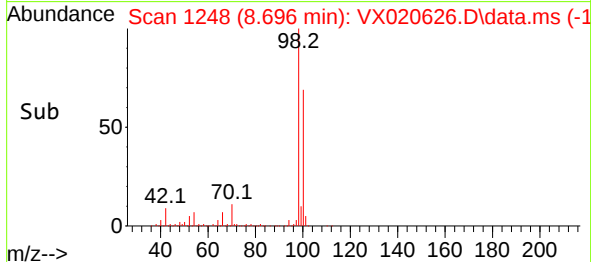
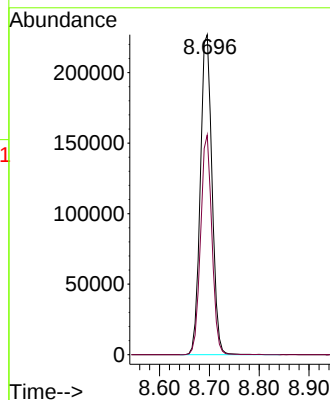
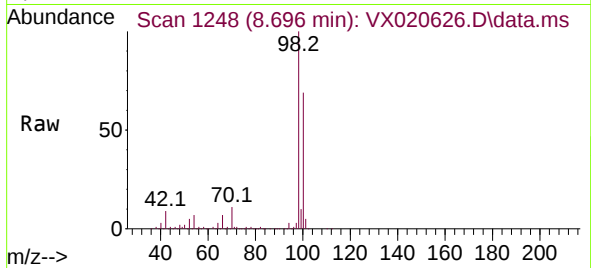




#50
Toluene-d8
Concen: 48.42 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. -0.000 min
Lab File: VX020626.D
Acq: 14 Jan 2021 20:26

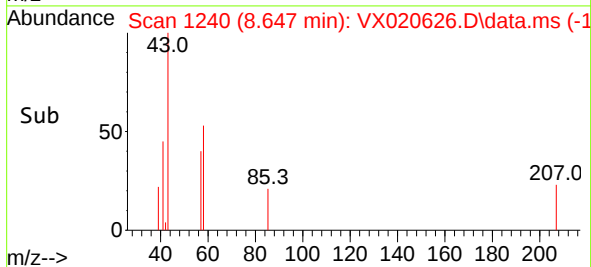
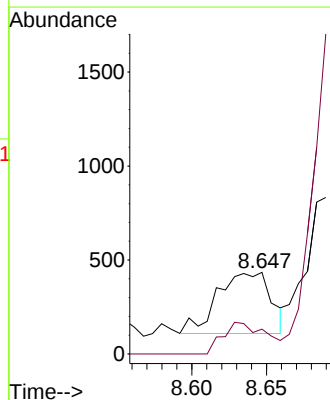
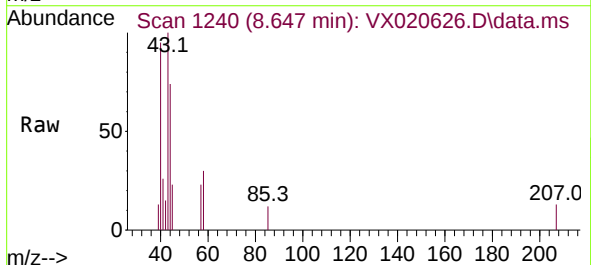
Instrument :
MSVOA_X
ClientSampleId :
1717-1718

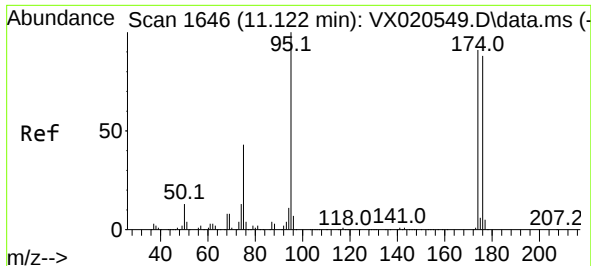
Tgt Ion: 98 Resp: 367978
Ion Ratio Lower Upper
98 100
100 66.5 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.33 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.025 min
Lab File: VX020626.D
Acq: 14 Jan 2021 20:26

Tgt Ion: 43 Resp: 808
Ion Ratio Lower Upper
43 100
58 42.0 35.4 53.0

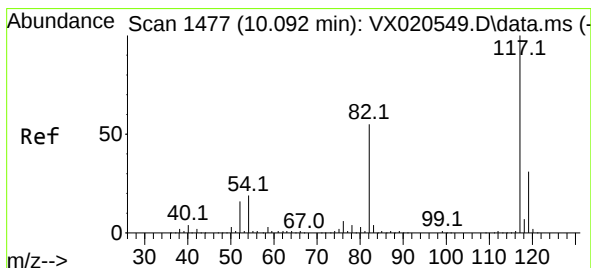
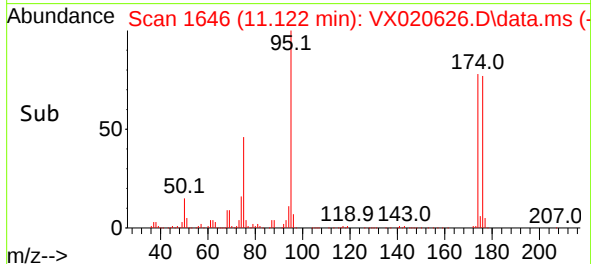
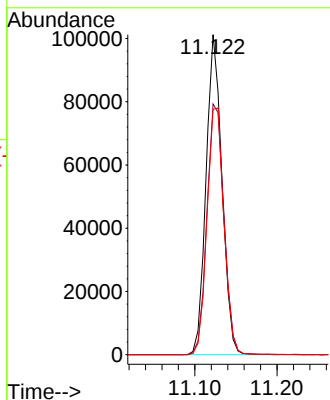
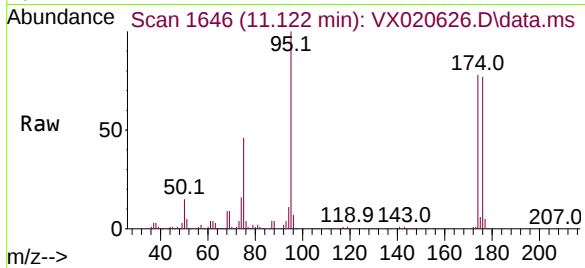




#62
4-Bromofluorobenzene
Concen: 50.67 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.000 min
Lab File: VX020626.D
Acq: 14 Jan 2021 20:26

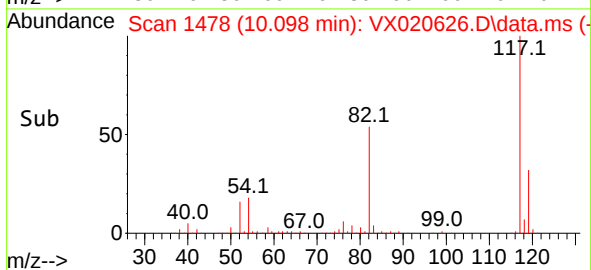
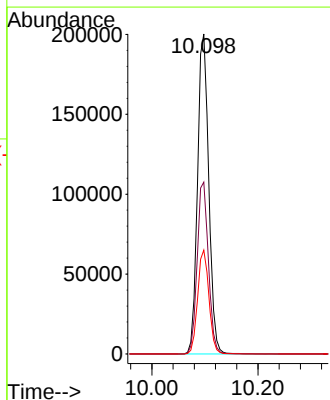
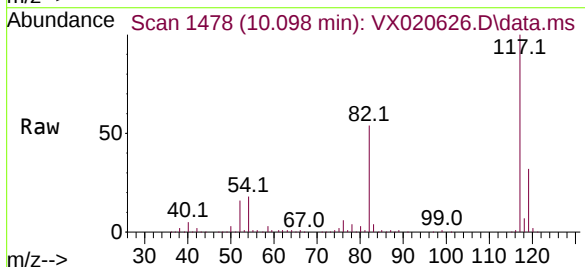
Instrument :
MSVOA_X
ClientSampleId :
1717-1718

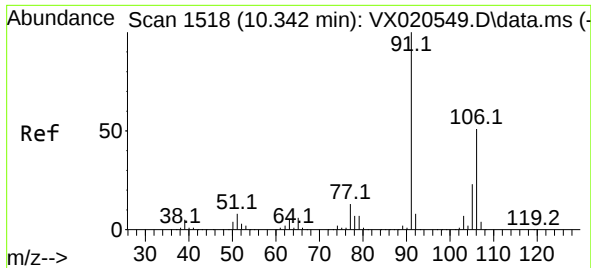
Tgt Ion: 95 Resp: 135988
Ion Ratio Lower Upper
95 100
174 84.1 0.0 154.6
176 81.8 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.098 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VX020626.D
Acq: 14 Jan 2021 20:26

Tgt Ion: 117 Resp: 294102
Ion Ratio Lower Upper
117 100
82 53.7 47.4 71.2
119 32.4 26.6 39.8

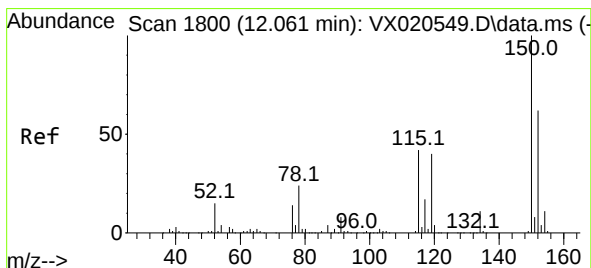
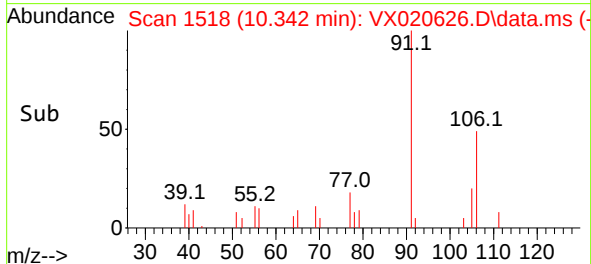
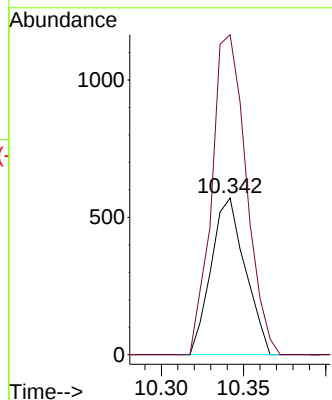
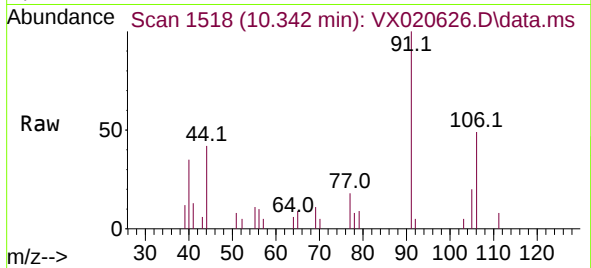




#68
m/p-Xylenes
Concen: 0.21 ug/l
RT: 10.342 min Scan# 1518
Delta R.T. -0.000 min
Lab File: VX020626.D
Acq: 14 Jan 2021 20:26

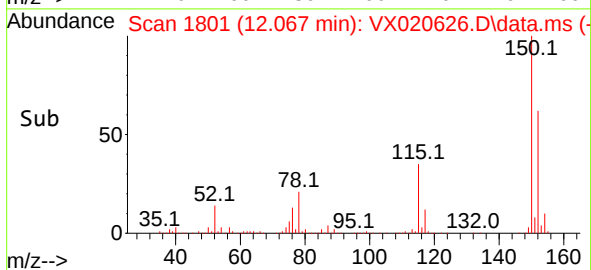
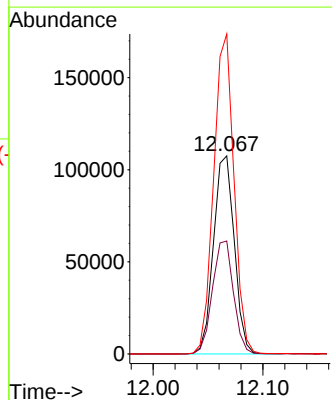
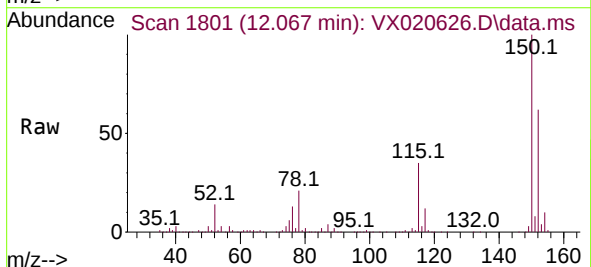
Instrument :
MSVOA_X
ClientSampled :
1717-1718

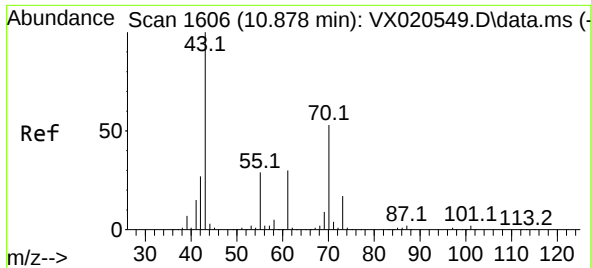
Tgt Ion:106 Resp: 823
Ion Ratio Lower Upper
106 100
91 206.4 162.8 244.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.067 min Scan# 1801
Delta R.T. 0.006 min
Lab File: VX020626.D
Acq: 14 Jan 2021 20:26

Tgt Ion:152 Resp: 141983
Ion Ratio Lower Upper
152 100
115 57.8 41.1 123.3
150 157.4 0.0 349.0



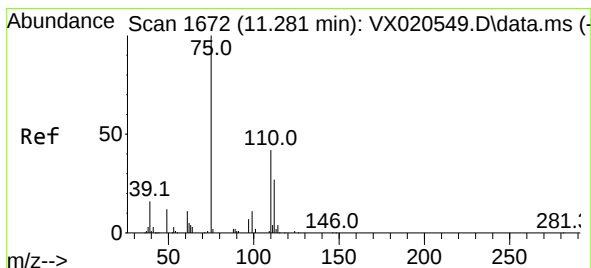
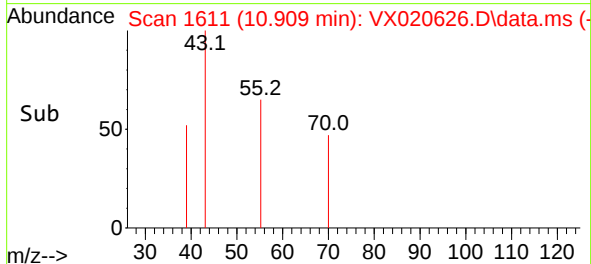
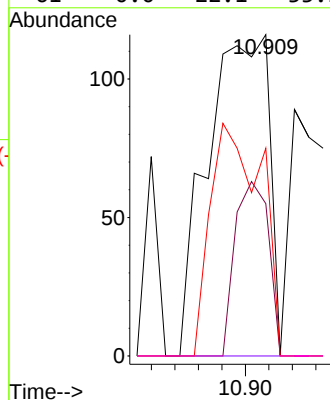
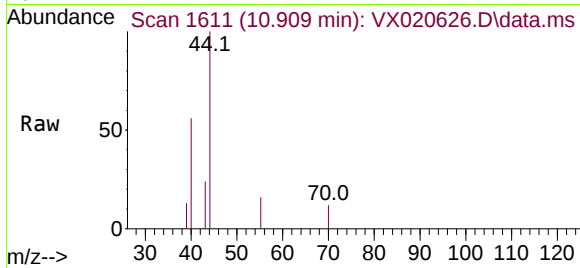


#74
N-amy1 acetate
Concen: 1.30 ug/l
RT: 10.909 min Scan# 1611
Delta R.T. 0.031 min
Lab File: VX020626.D
Acq: 14 Jan 2021 20:26

Instrument :
MSVOA_X
ClientSampled :
1717-1718

Tgt Ion: 43 Resp: 210

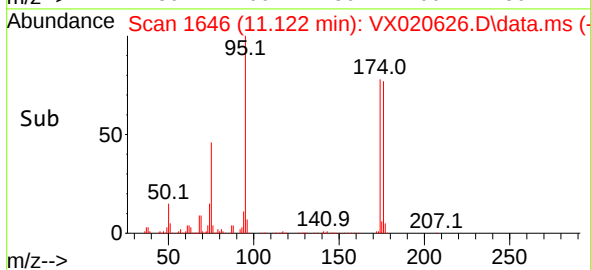
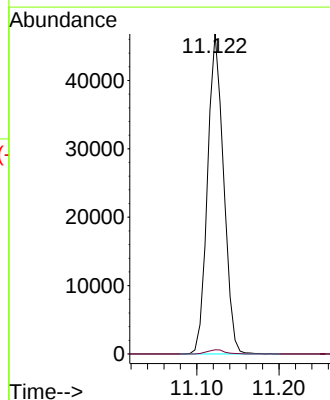
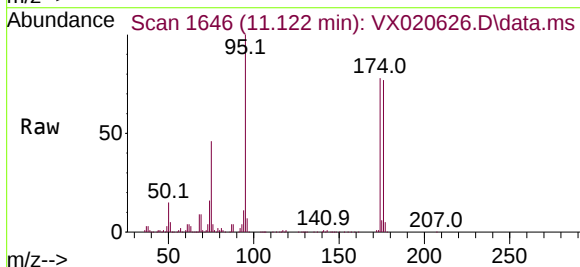
Ion	Ratio	Lower	Upper
43	100		
70	29.5	39.0	58.6#
55	60.0	21.5	32.3#
61	0.0	22.1	33.1#

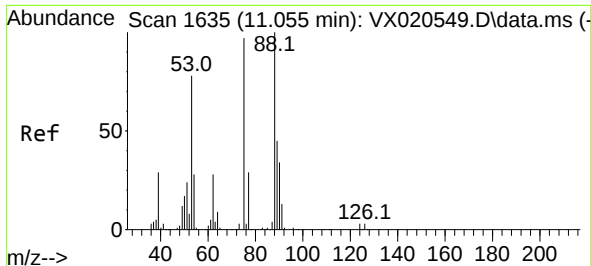


#76
1,2,3-Trichloropropane
Concen: 21.21 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.159 min
Lab File: VX020626.D
Acq: 14 Jan 2021 20:26

Tgt Ion: 75 Resp: 63430

Ion	Ratio	Lower	Upper
75	100		
77	1.4	19.1	57.5#

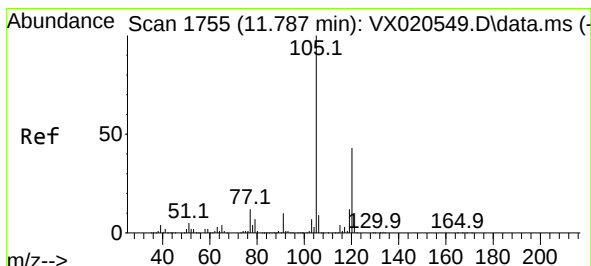
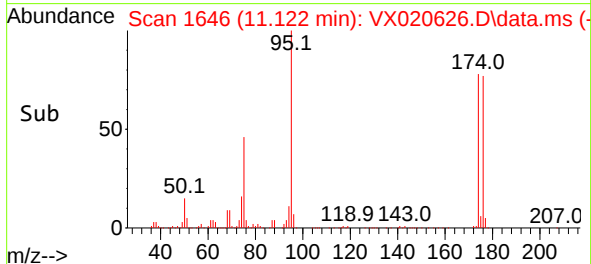
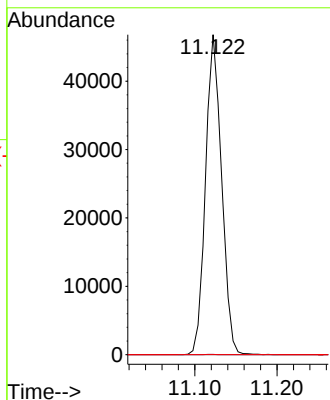
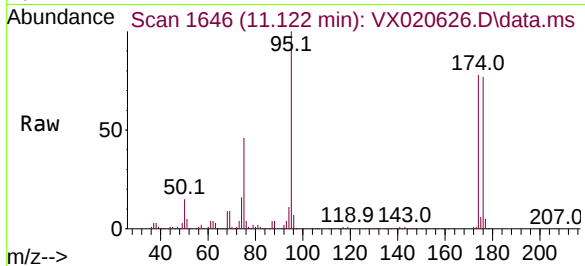




#81
trans-1,4-Dichloro-2-butene
Concen: 57.78 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.067 min
Lab File: VX020626.D
Acq: 14 Jan 2021 20:26

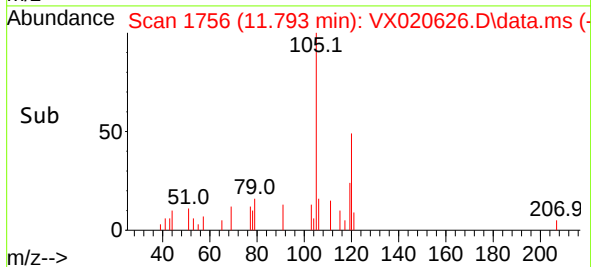
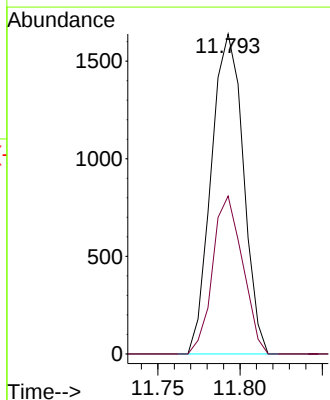
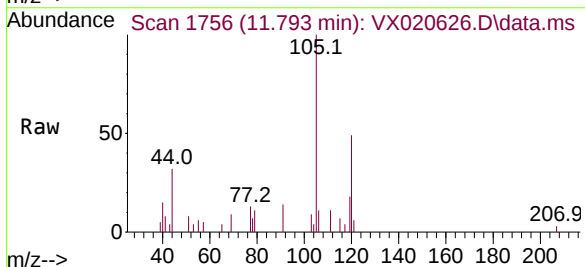
Instrument :
MSVOA_X
ClientSampleId :
1717-1718

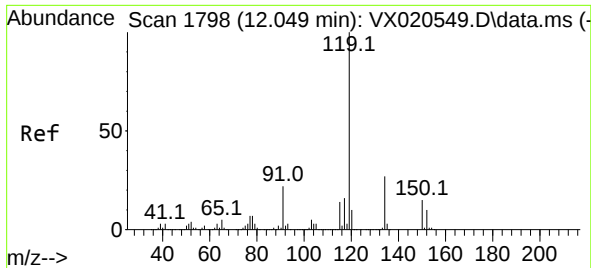
Tgt Ion: 75 Resp: 63430
Ion Ratio Lower Upper
75 100
53 0.1 74.5 111.7#
89 0.0 37.9 56.9#



#84
1,2,4-Trimethylbenzene
Concen: 0.28 ug/l
RT: 11.793 min Scan# 1756
Delta R.T. 0.006 min
Lab File: VX020626.D
Acq: 14 Jan 2021 20:26

Tgt Ion: 105 Resp: 2226
Ion Ratio Lower Upper
105 100
120 46.1 22.4 67.3

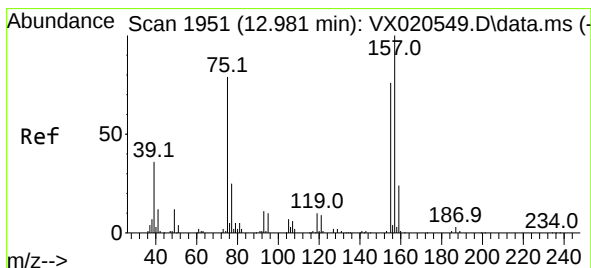
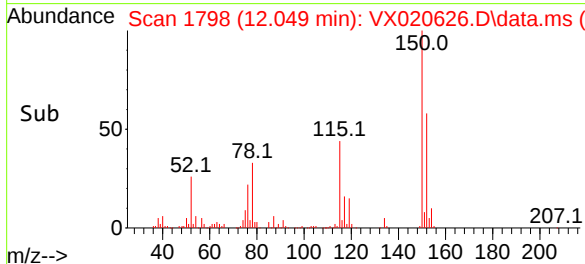
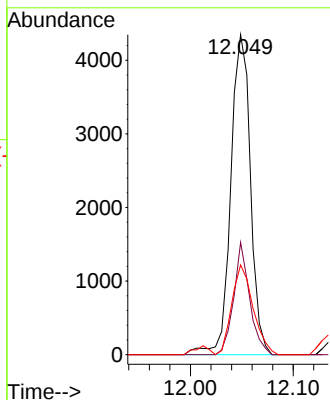
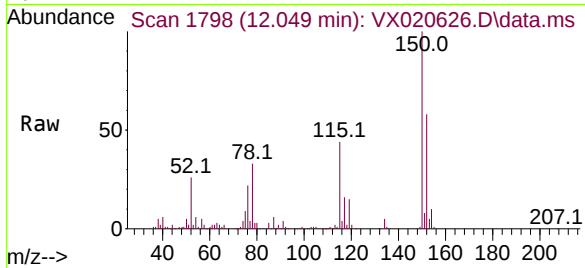




#86
p-Isopropyltoluene
Concen: 0.70 ug/l
RT: 12.049 min Scan# 1798
Delta R.T. -0.000 min
Lab File: VX020626.D
Acq: 14 Jan 2021 20:26

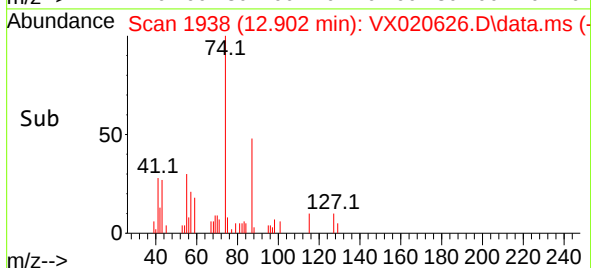
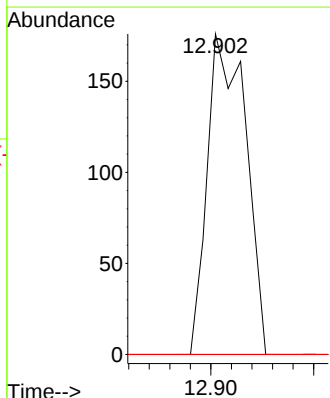
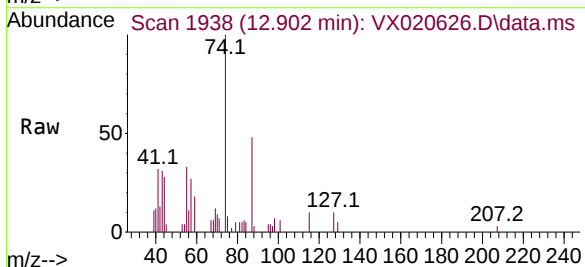
Instrument :
MSVOA_X
ClientSampleId :
1717-1718

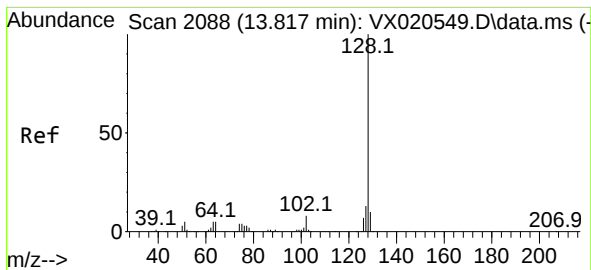
Tgt Ion:	119	Resp:	5806
Ion	Ratio	Lower	Upper
119	100		
134	28.5	12.9	38.7
91	30.3	11.7	35.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.31 ug/l
RT: 12.902 min Scan# 1938
Delta R.T. -0.079 min
Lab File: VX020626.D
Acq: 14 Jan 2021 20:26

Tgt Ion:	75	Resp:	228
Ion	Ratio	Lower	Upper
75	100		
155	0.0	45.3	135.9#
157	0.0	57.7	173.1#





#95
Naphthalene
Concen: 4.23 ug/l
RT: 13.817 min Scan# 2088
Delta R.T. -0.000 min
Lab File: VX020626.D
Acq: 14 Jan 2021 20:26

Instrument :
MSVOA_X
ClientSampleId :
1717-1718

Tgt Ion:128 Resp: 4411
Ion Ratio Lower Upper
128 100
127 19.0 10.3 15.5#
129 12.8 8.8 13.2

