

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012521\
 Data File : VX020734.D
 Acq On : 25 Jan 2021 18:56
 Operator : JC/SP
 Sample : M1189-16 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 26 03:11:12 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012521W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 25 13:38:15 2021
 Response via : Initial Calibration

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

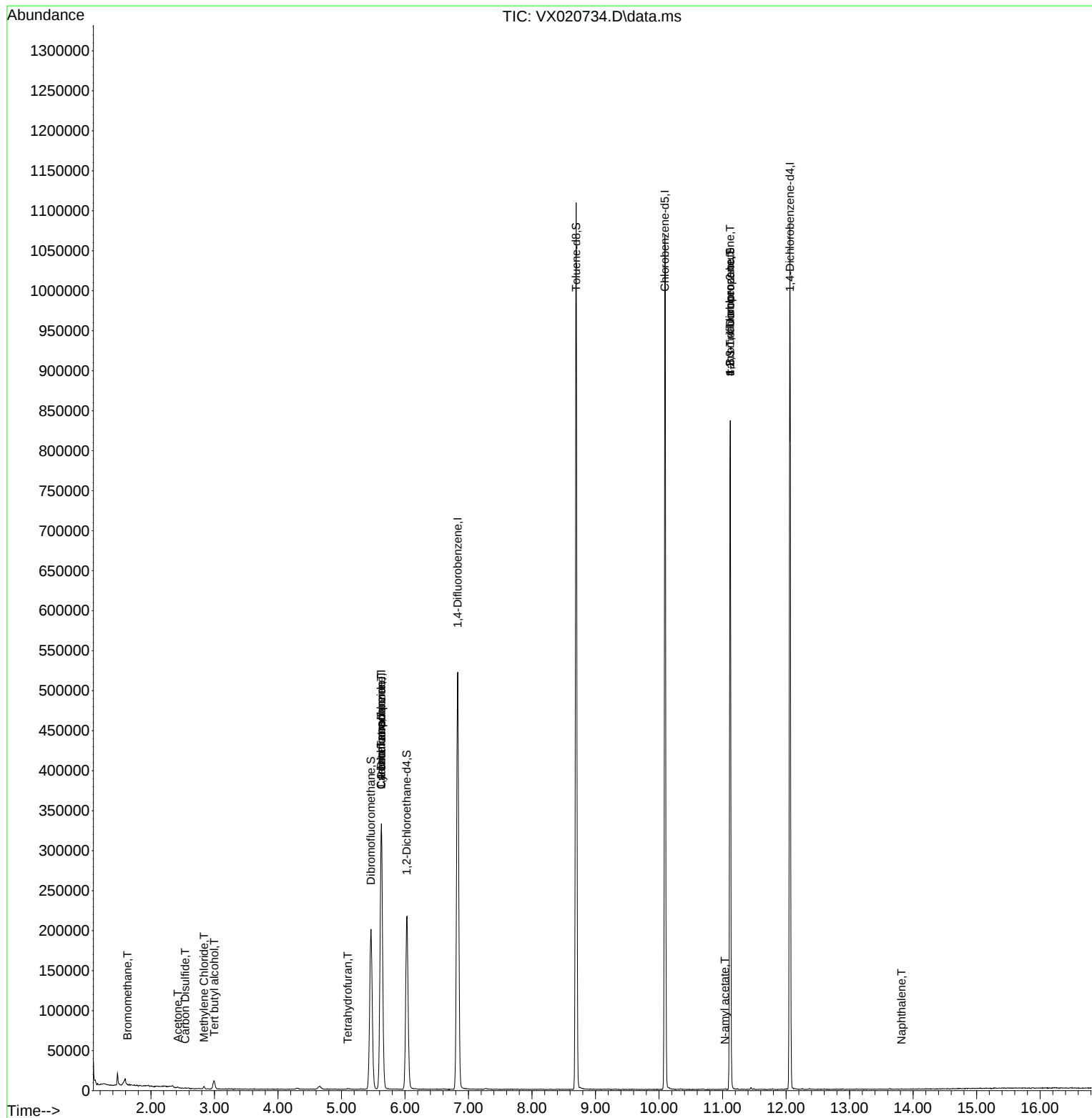
Internal Standards						
1) Pentafluorobenzene	5.629	168	300751	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	525547	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	496663	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	210122	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	208404	50.80	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	101.60%
35) Dibromofluoromethane	5.464	113	174226	48.40	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	96.80%
50) Toluene-d8	8.695	98	650475	49.29	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.58%
62) 4-Bromofluorobenzene	11.122	95	230867	45.04	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	90.08%
Target Compounds						
					Qvalue	
5) Bromomethane	1.630	94	643	0.32	ug/l #	70
11) Tert butyl alcohol	2.995	59	6341	8.28	ug/l #	76
16) Acetone	2.422	43	1701	1.09	ug/l	99
17) Carbon Disulfide	2.538	76	891	1.00	ug/l #	75
20) Methylene Chloride	2.837	84	1164	0.30	ug/l #	85
29) Tetrahydrofuran	5.099	42	555	0.35	ug/l #	85
31) Cyclohexane	5.623	56	5967	1.08	ug/l #	1
36) 1,1-Dichloropropene	5.623	75	24337	4.61	ug/l #	50
38) Carbon Tetrachloride	5.623	117	31702	5.72	ug/l #	17
74) N-amyl acetate	11.037	43	47	2.02	ug/l #	38
76) 1,2,3-Trichloropropane	11.122	75	113883	23.37	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.122	75	113883	65.48	ug/l #	12
95) Naphthalene	13.817	128	353	2.89	ug/l #	69

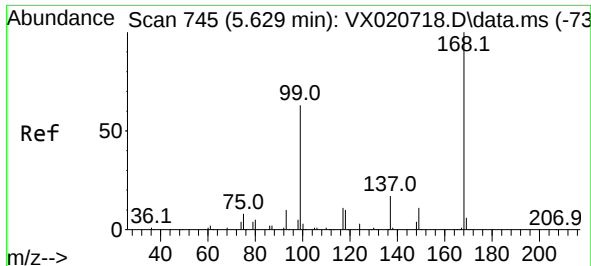
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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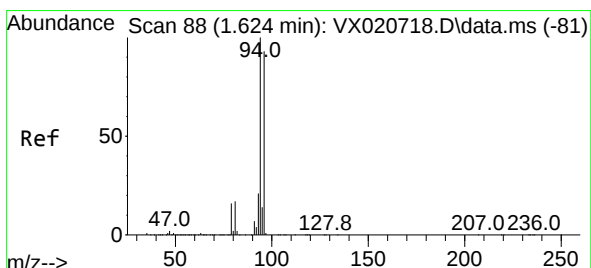
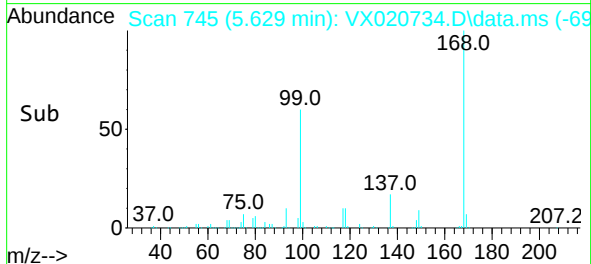
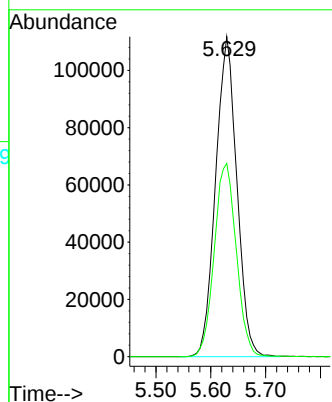
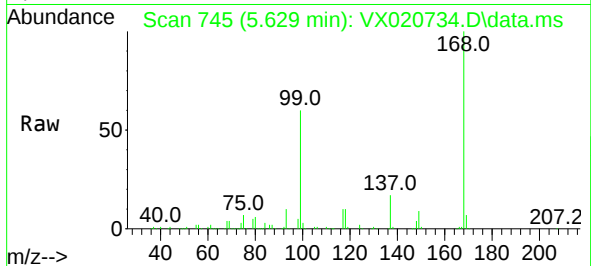




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.000 min
Lab File: VX020734.D
Acq: 25 Jan 2021 18:56

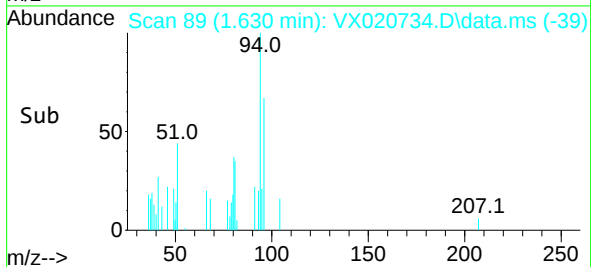
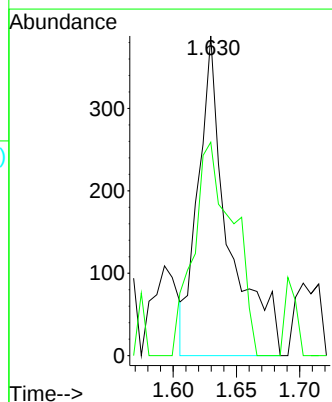
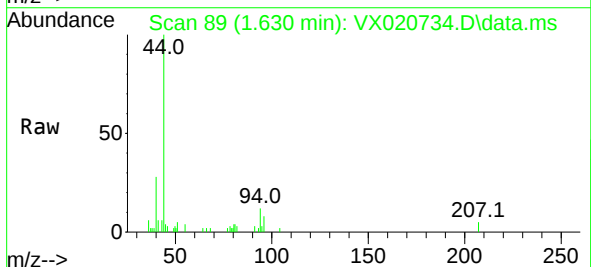
Instrument :
MSVOA_X
ClientSampleId :

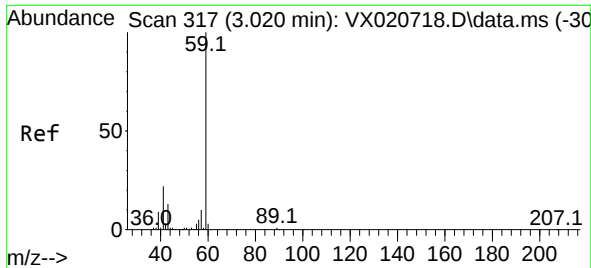
Tgt Ion:168 Resp: 300751
Ion Ratio Lower Upper
168 100
99 60.4 45.8 68.6



#5
Bromomethane
Concen: 0.32 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.006 min
Lab File: VX020734.D
Acq: 25 Jan 2021 18:56

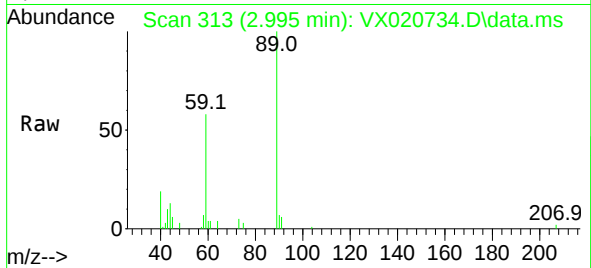
Tgt Ion: 94 Resp: 643
Ion Ratio Lower Upper
94 100
96 66.8 76.4 114.6#



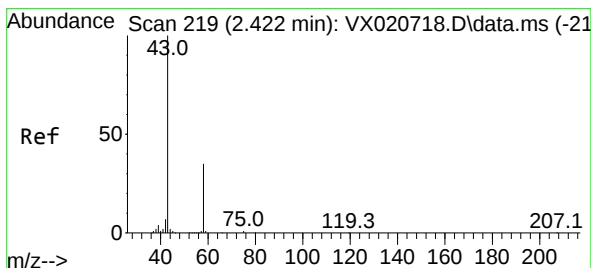
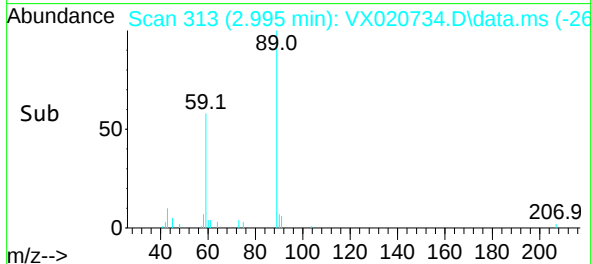
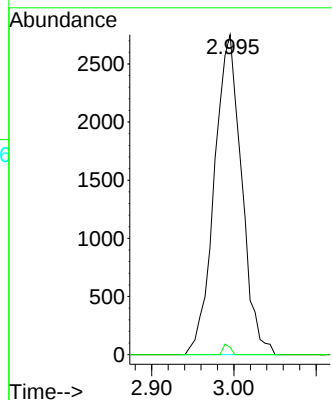


#11
Tert butyl alcohol
Concen: 8.28 ug/l
RT: 2.995 min Scan# 313
Delta R.T. -0.025 min
Lab File: VX020734.D
Acq: 25 Jan 2021 18:56

Instrument :
MSVOA_X
ClientSampled :

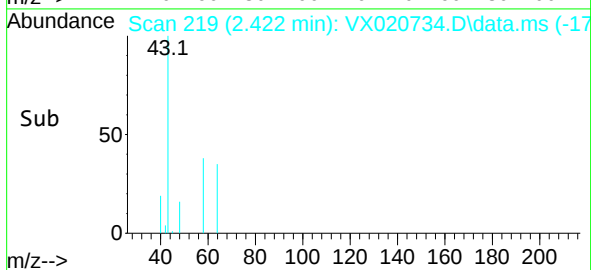
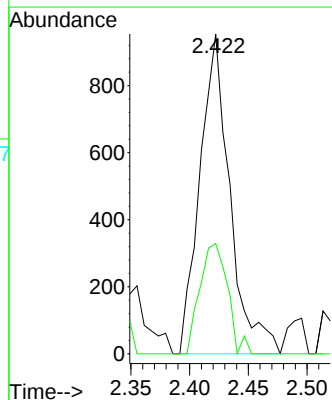
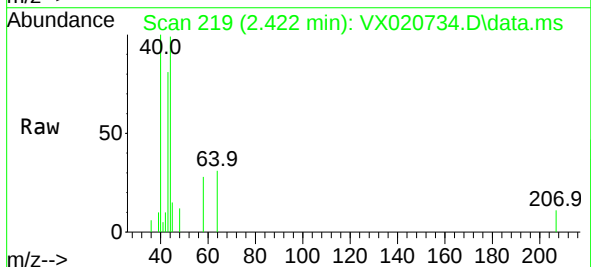


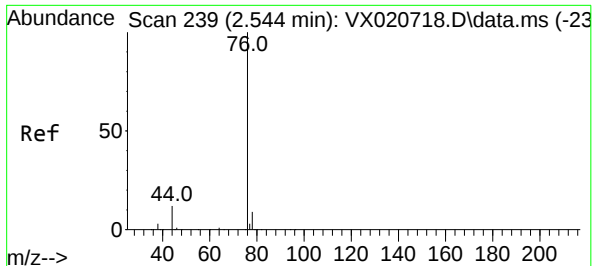
Tgt Ion: 59 Resp: 6341
Ion Ratio Lower Upper
59 100
57 0.9 7.8 11.8#



#16
Acetone
Concen: 1.09 ug/l
RT: 2.422 min Scan# 219
Delta R.T. 0.000 min
Lab File: VX020734.D
Acq: 25 Jan 2021 18:56

Tgt Ion: 43 Resp: 1701
Ion Ratio Lower Upper
43 100
58 34.5 27.8 41.8

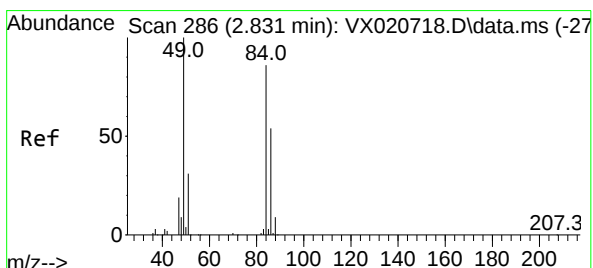
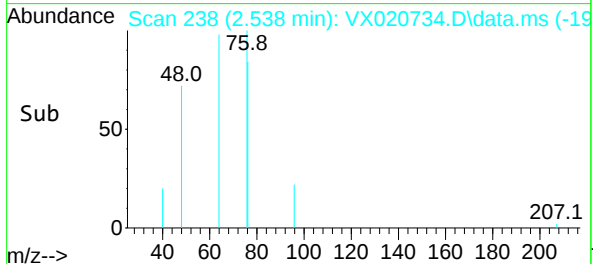
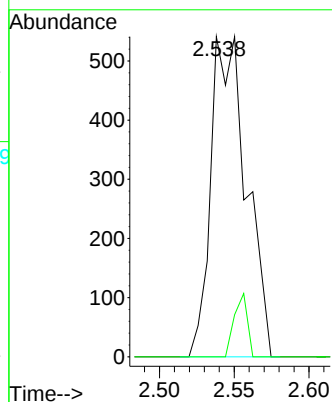
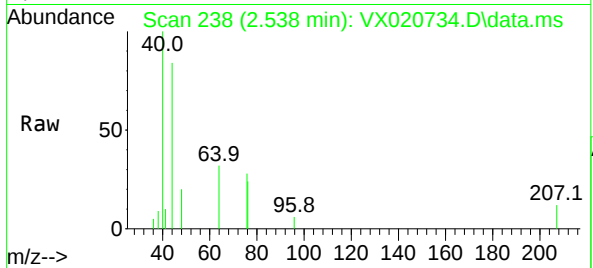




#17
Carbon Disulfide
Concen: 1.00 ug/l
RT: 2.538 min Scan# 238
Delta R.T. -0.006 min
Lab File: VX020734.D
Acq: 25 Jan 2021 18:56

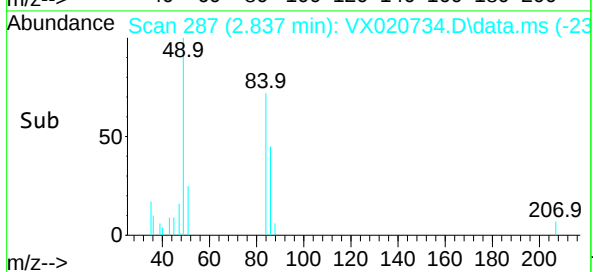
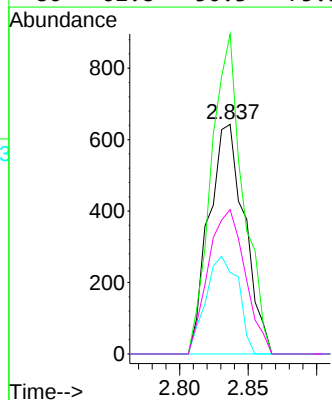
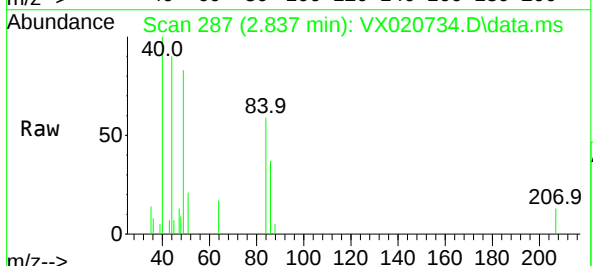
Instrument :
MSVOA_X
ClientSampled :

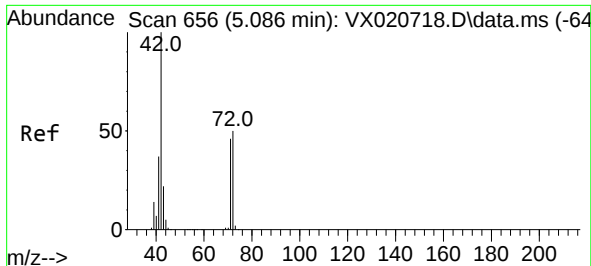
Tgt Ion: 76 Resp: 891
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#20
Methylene Chloride
Concen: 0.30 ug/l
RT: 2.837 min Scan# 287
Delta R.T. 0.006 min
Lab File: VX020734.D
Acq: 25 Jan 2021 18:56

Tgt Ion: 84 Resp: 1164
Ion Ratio Lower Upper
84 100
49 139.3 88.6 132.8#
51 35.5 27.0 40.6
86 62.8 50.3 75.5





#29

Tetrahydrofuran

Concen: 0.35 ug/l

RT: 5.099 min Scan# 658

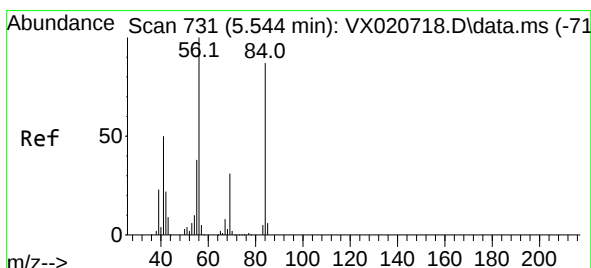
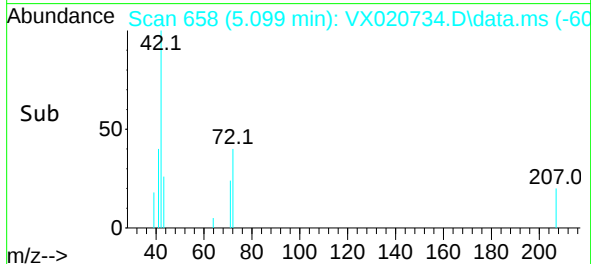
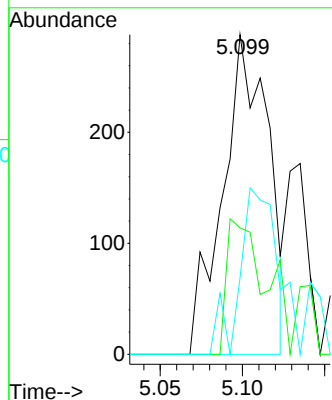
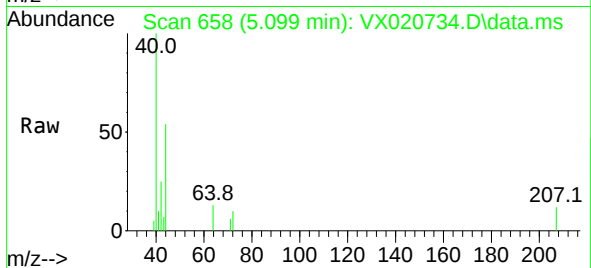
Delta R.T. 0.013 min

Lab File: VX020734.D

Acq: 25 Jan 2021 18:56

Tgt Ion:	42	Resp:	555
Ion	Ratio	Lower	Upper
42	100		
72	35.9	41.7	62.5#
71	44.1	38.4	57.6

Instrument :
MSVOA_X
ClientSampleId :



#31

Cyclohexane

Concen: 1.08 ug/l

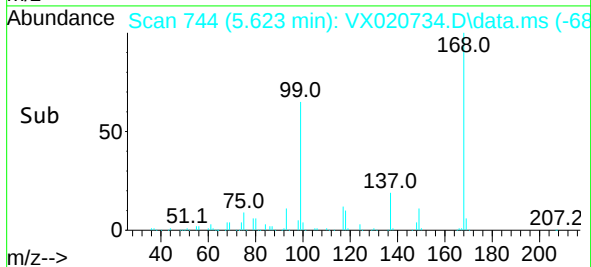
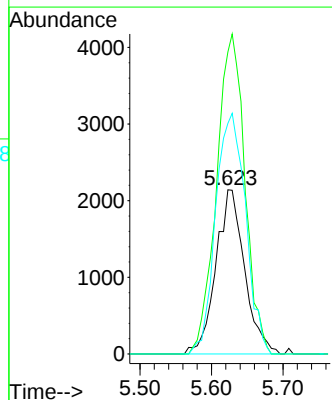
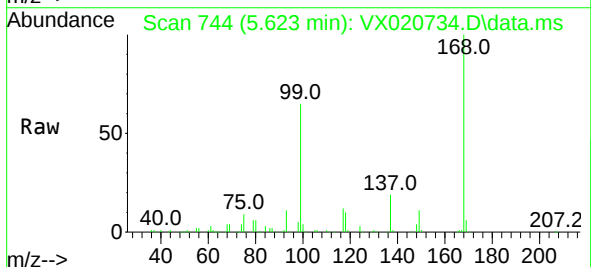
RT: 5.623 min Scan# 744

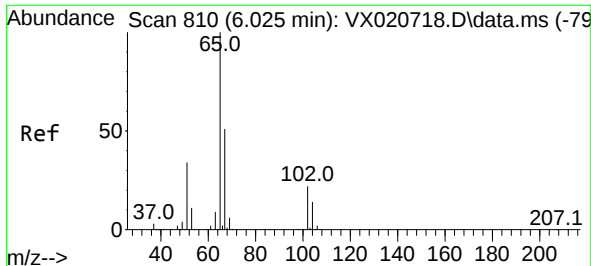
Delta R.T. 0.079 min

Lab File: VX020734.D

Acq: 25 Jan 2021 18:56

Tgt Ion:	56	Resp:	5967
Ion	Ratio	Lower	Upper
56	100		
69	184.0	25.3	37.9#
84	140.4	71.4	107.0#





#33

1,2-Dichloroethane-d4

Concen: 50.80 ug/l

RT: 6.025 min Scan# 810

Delta R.T. 0.000 min

Lab File: VX020734.D

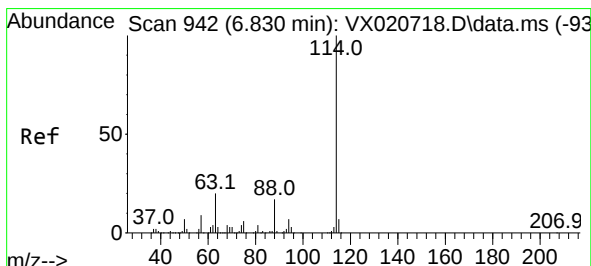
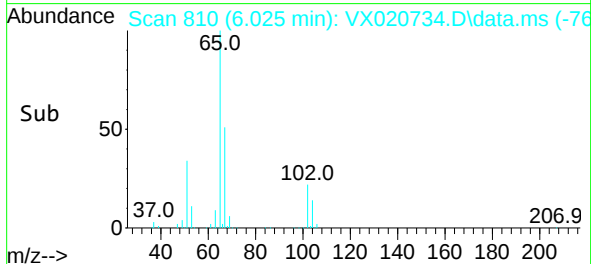
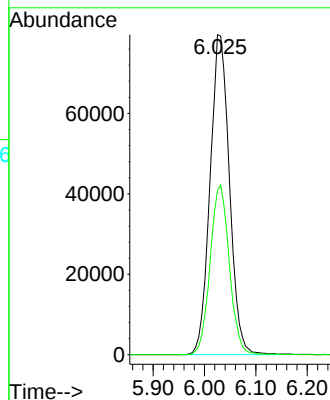
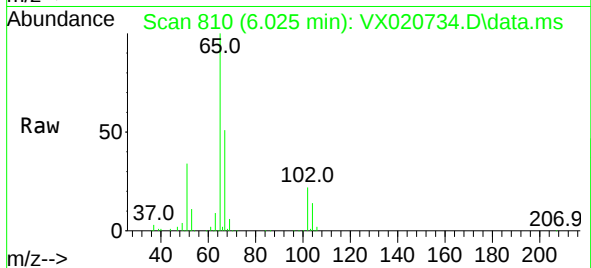
Acq: 25 Jan 2021 18:56

Tgt Ion: 65 Resp: 208404

Ion Ratio Lower Upper

65 100

67 52.5 0.0 105.4



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.830 min Scan# 942

Delta R.T. -0.000 min

Lab File: VX020734.D

Acq: 25 Jan 2021 18:56

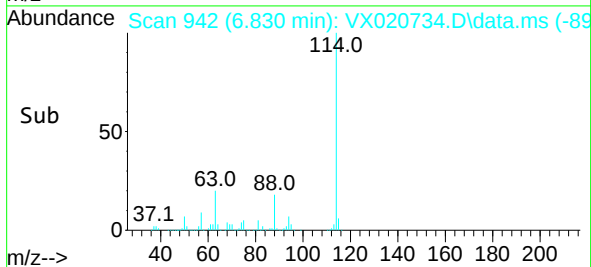
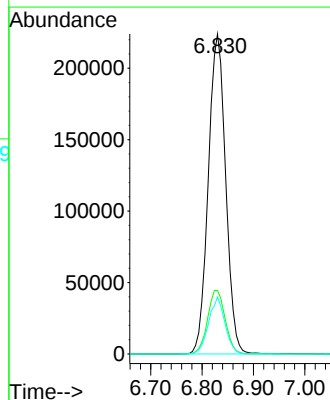
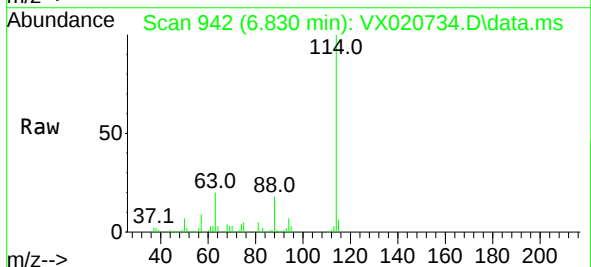
Tgt Ion: 114 Resp: 525547

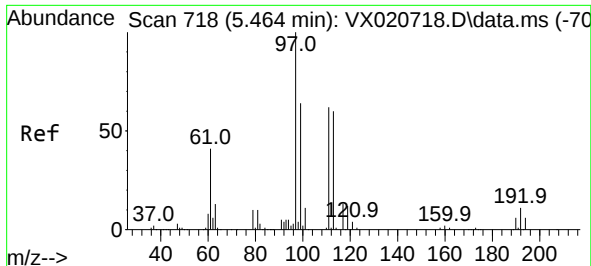
Ion Ratio Lower Upper

114 100

63 19.8 0.0 40.8

88 17.8 0.0 32.8

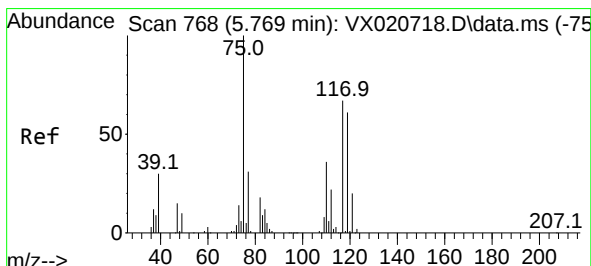
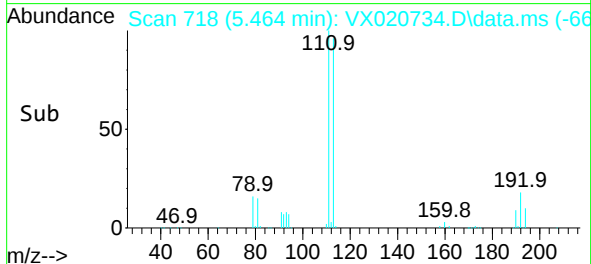
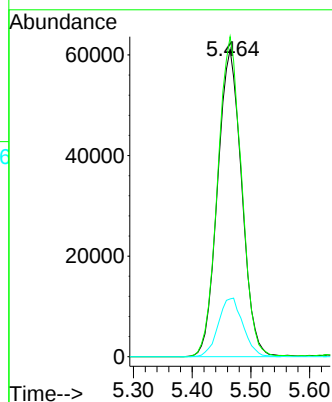
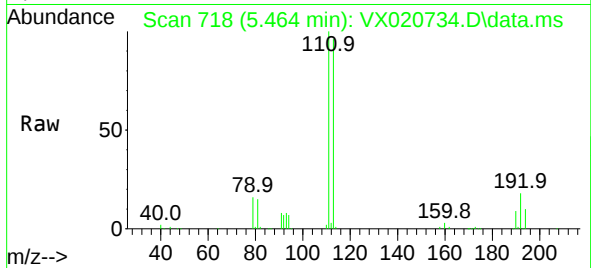




#35
Dibromofluoromethane
Concen: 48.40 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX020734.D
Acq: 25 Jan 2021 18:56

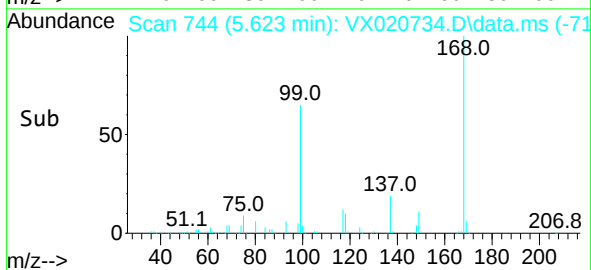
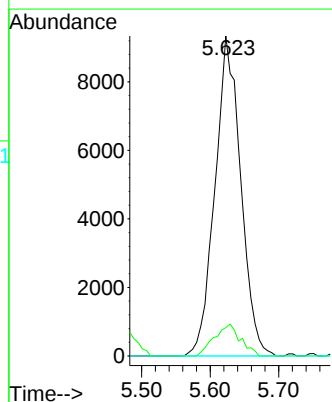
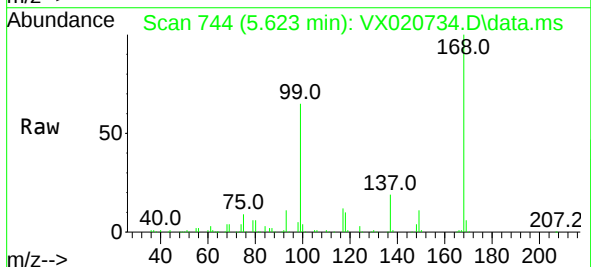
Instrument :
MSVOA_X
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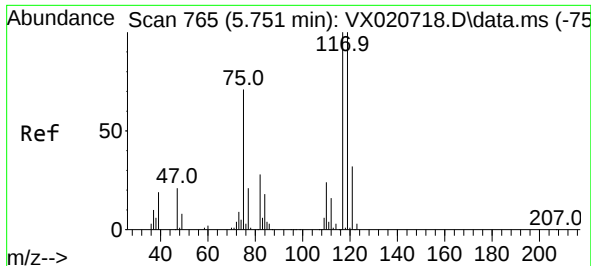
Tgt Ion:113 Resp: 174226
Ion Ratio Lower Upper
113 100
111 103.3 81.9 122.9
192 19.5 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.61 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.146 min
Lab File: VX020734.D
Acq: 25 Jan 2021 18:56

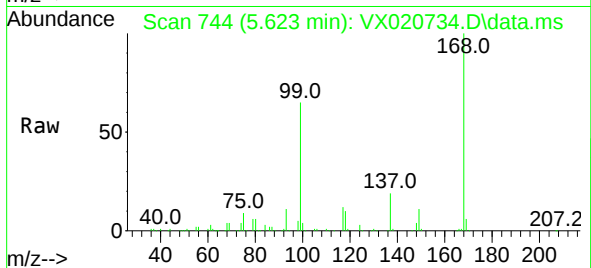
Tgt Ion: 75 Resp: 24337
Ion Ratio Lower Upper
75 100
110 10.1 18.1 54.4#
77 0.0 25.3 37.9#



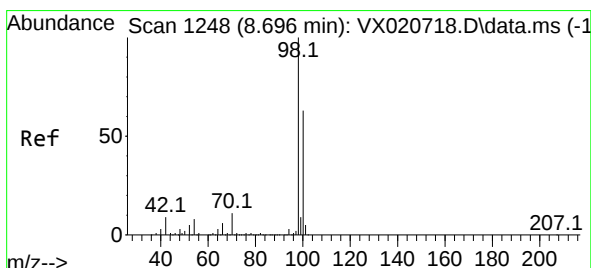
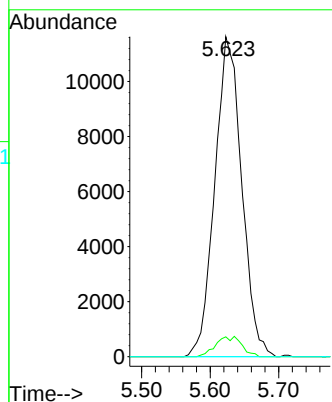
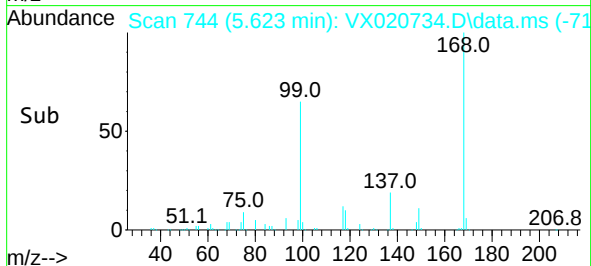


#38
Carbon Tetrachloride
Concen: 5.72 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.128 min
Lab File: VX020734.D
Acq: 25 Jan 2021 18:56

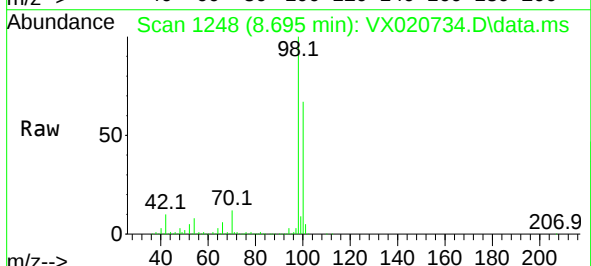
Instrument :
MSVOA_X
ClientSampleId :



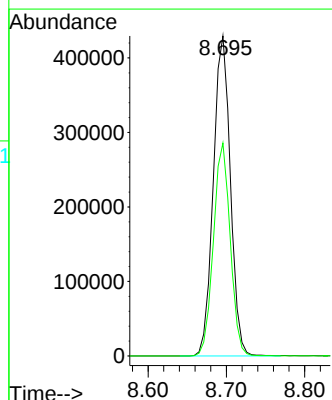
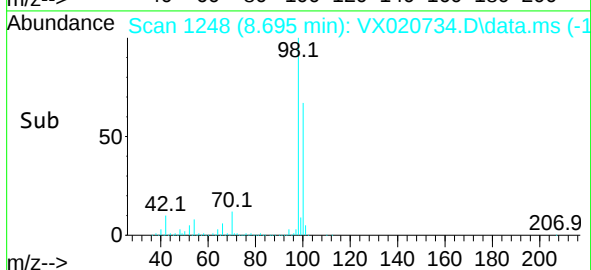
Tgt Ion: 117 Resp: 31702
Ion Ratio Lower Upper
117 100
119 6.2 76.2 114.2#
121 0.0 24.8 37.2#

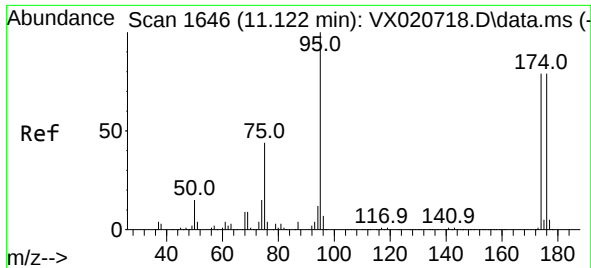


#50
Toluene-d8
Concen: 49.29 ug/l
RT: 8.695 min Scan# 1248
Delta R.T. -0.001 min
Lab File: VX020734.D
Acq: 25 Jan 2021 18:56



Tgt Ion: 98 Resp: 650475
Ion Ratio Lower Upper
98 100
100 65.5 51.9 77.9

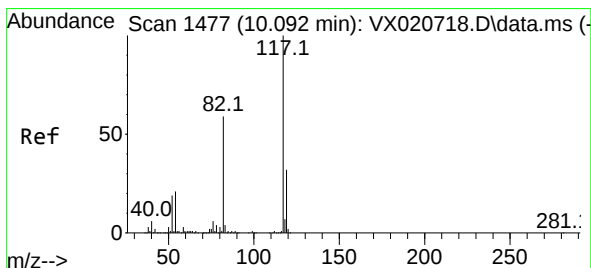
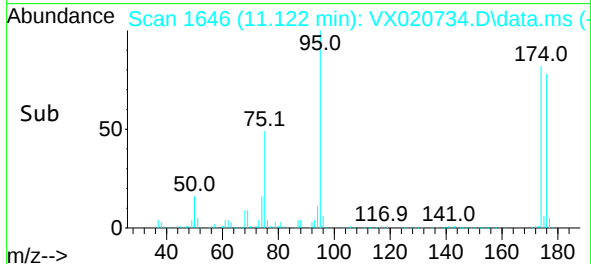
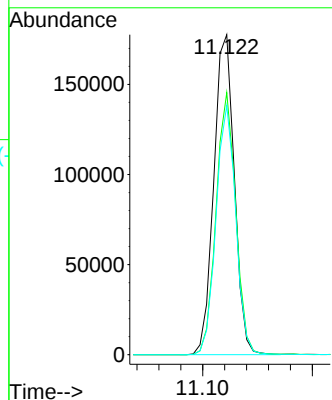
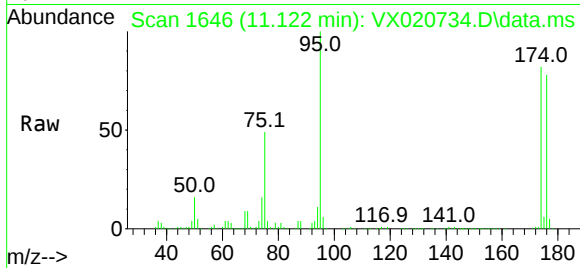




#62
4-Bromofluorobenzene
Concen: 45.04 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020734.D
Acq: 25 Jan 2021 18:56

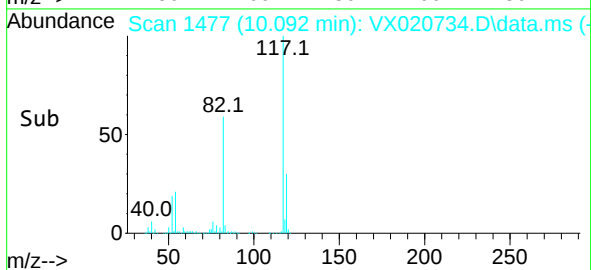
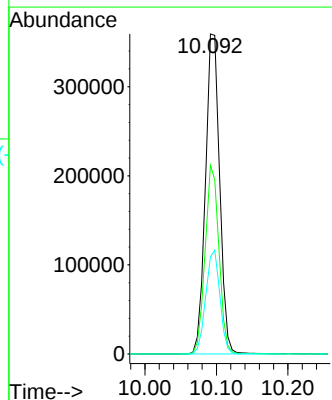
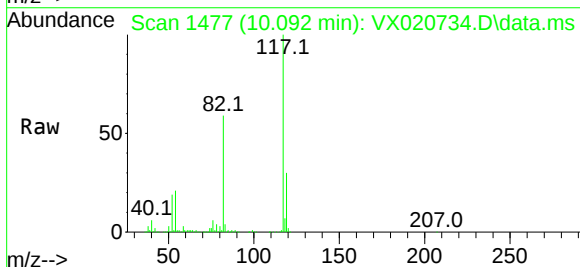
Instrument :
MSVOA_X
ClientSampleId :

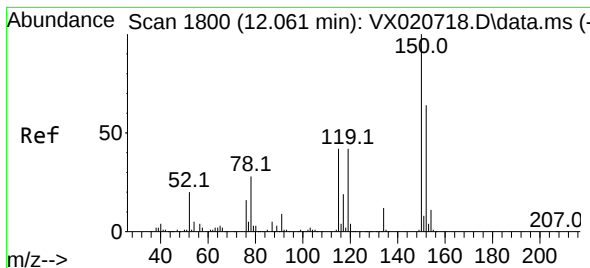
Tgt Ion: 95 Resp: 230867
Ion Ratio Lower Upper
95 100
174 78.8 0.0 154.6
176 74.9 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VX020734.D
Acq: 25 Jan 2021 18:56

Tgt Ion: 117 Resp: 496663
Ion Ratio Lower Upper
117 100
82 59.0 47.4 71.2
119 30.3 26.6 39.8

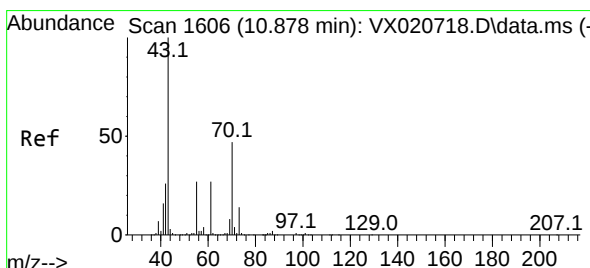
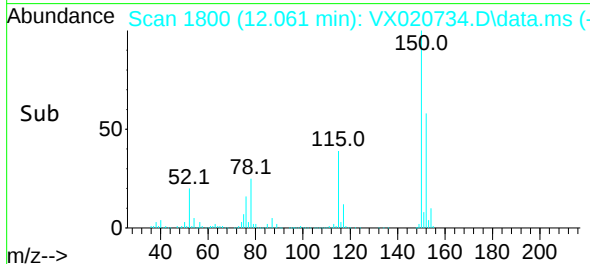
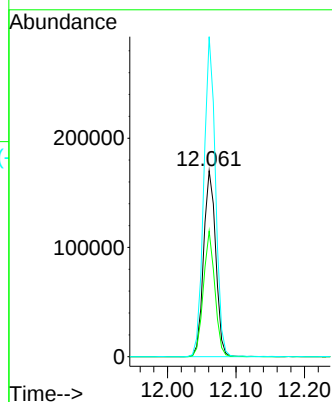
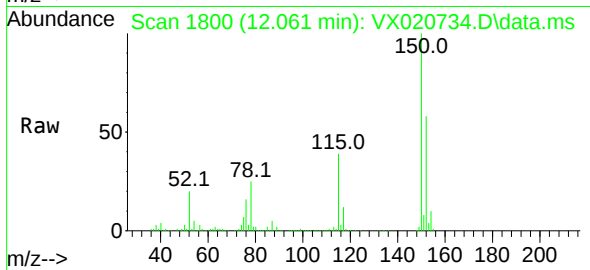




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.061 min Scan# 1800
 Delta R.T. -0.000 min
 Lab File: VX020734.D
 Acq: 25 Jan 2021 18:56

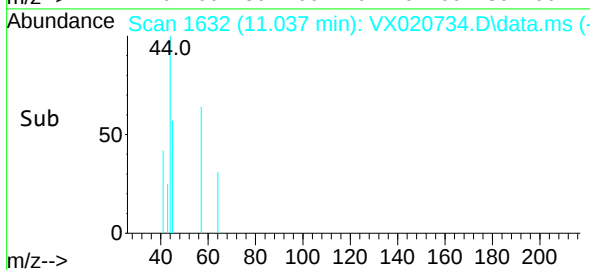
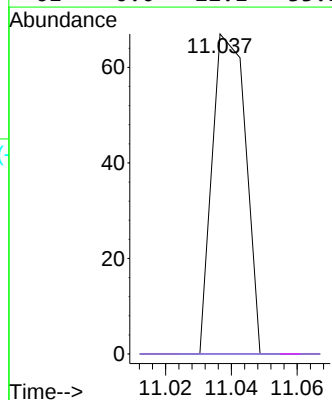
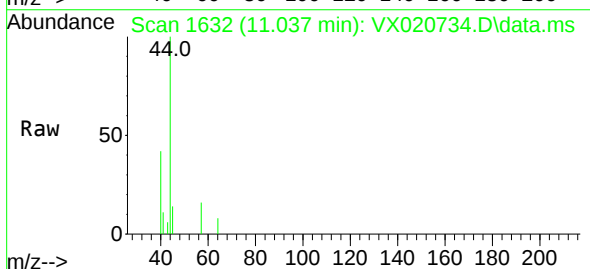
Instrument :
 MSVOA_X
 ClientSampled :

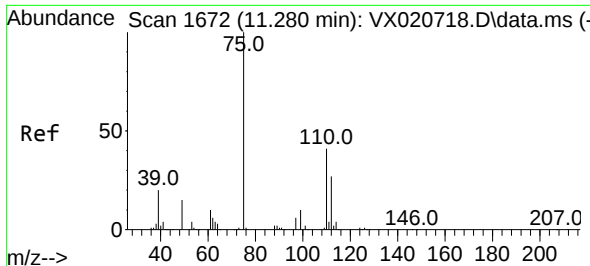
Tgt Ion:152 Resp: 210122
 Ion Ratio Lower Upper
 152 100
 115 63.8 41.1 123.3
 150 165.5 0.0 349.0



#74
 N-ethyl acetate
 Concen: 2.02 ug/l
 RT: 11.037 min Scan# 1632
 Delta R.T. 0.159 min
 Lab File: VX020734.D
 Acq: 25 Jan 2021 18:56

Tgt Ion: 43 Resp: 47
 Ion Ratio Lower Upper
 43 100
 70 0.0 39.0 58.6#
 55 0.0 21.5 32.3#
 61 0.0 22.1 33.1#

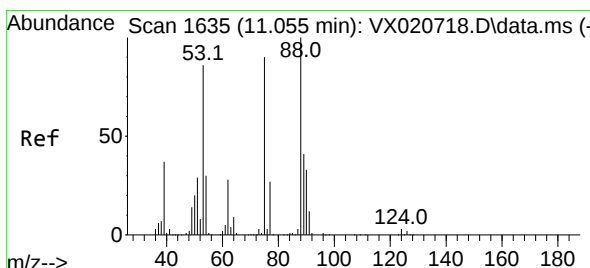
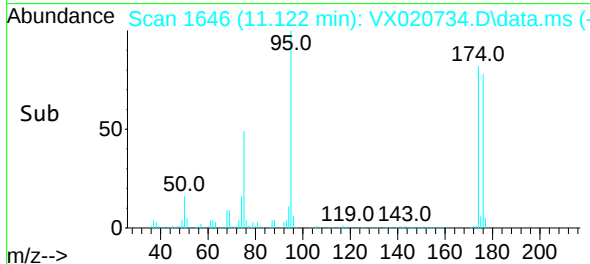
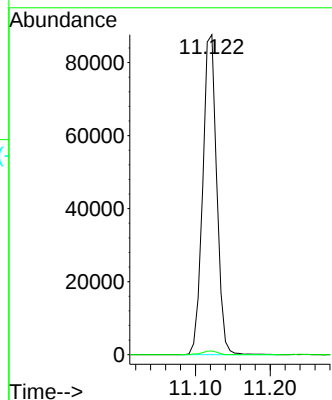
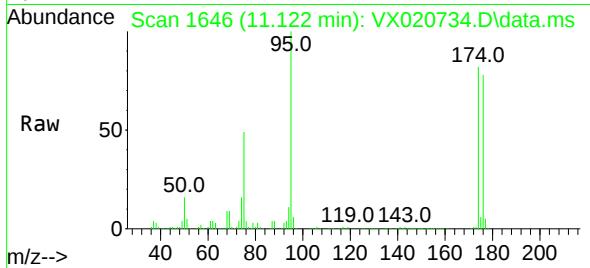




#76
1,2,3-Trichloropropane
Concen: 23.37 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.158 min
Lab File: VX020734.D
Acq: 25 Jan 2021 18:56

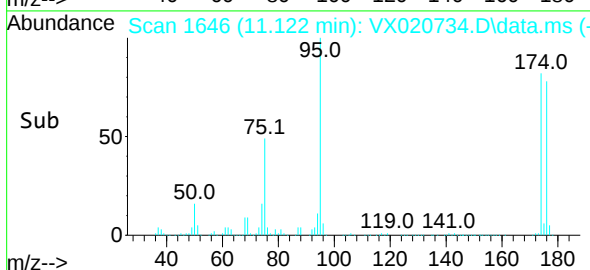
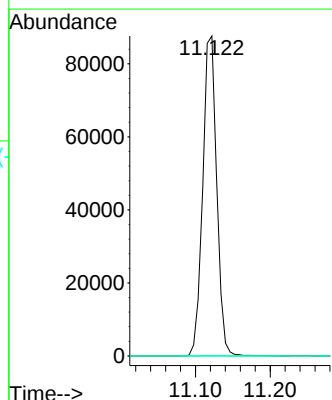
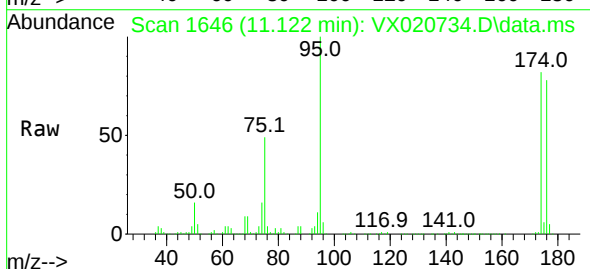
Instrument :
MSVOA_X
ClientSampled :

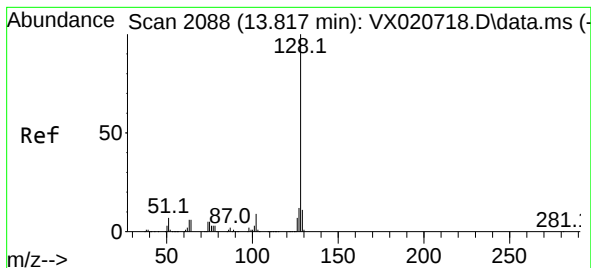
Tgt Ion: 75 Resp: 113883
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 65.48 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.067 min
Lab File: VX020734.D
Acq: 25 Jan 2021 18:56

Tgt Ion: 75 Resp: 113883
Ion Ratio Lower Upper
75 100
53 0.1 74.5 111.7#
89 0.0 37.9 56.9#





#95
Naphthalene
Concen: 2.89 ug/l
RT: 13.817 min Scan# 2088
Delta R.T. -0.001 min
Lab File: VX020734.D
Acq: 25 Jan 2021 18:56

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:128 Resp: 353
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

