

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012521\
 Data File : VX020731.D
 Acq On : 25 Jan 2021 17:46
 Operator : JC/SP
 Sample : M1189-13 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 41089

Quant Time: Jan 27 11:56:20 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)

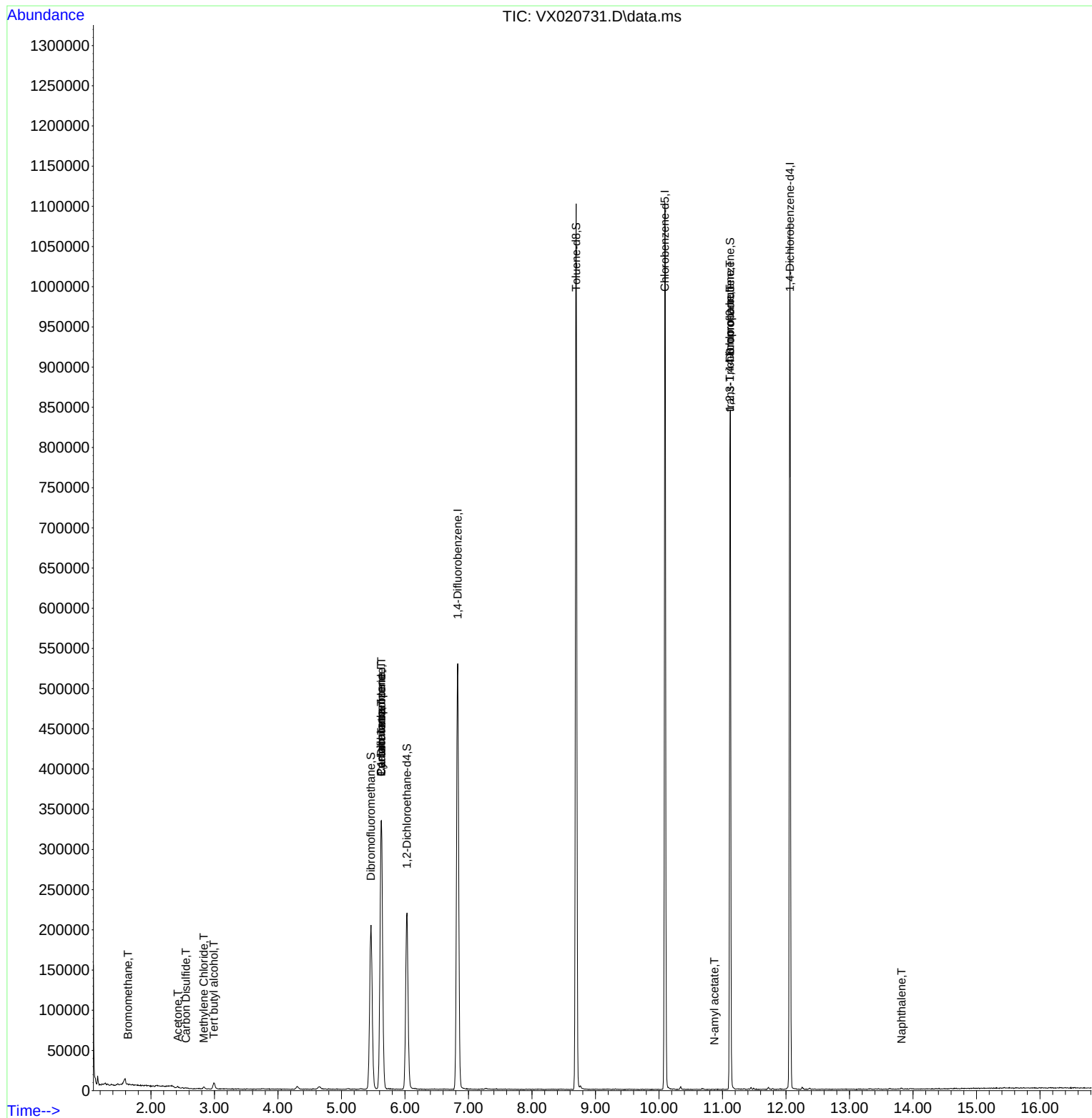
Internal Standards						
1) Pentafluorobenzene	5.623	168	316642	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	539163	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	510244	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	216108	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	212122	49.11	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	98.22%		
35) Dibromofluoromethane	5.465	113	179607	48.63	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	97.26%		
50) Toluene-d8	8.696	98	664044	49.05	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	98.10%		
62) 4-Bromofluorobenzene	11.122	95	234909	44.68	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	89.36%		
Target Compounds						Qvalue
5) Bromomethane	1.636	94	565	0.26	ug/l #	71
11) Tert butyl alcohol	2.989	59	4742	5.88	ug/l #	75
16) Acetone	2.422	43	1953	1.19	ug/l	97
17) Carbon Disulfide	2.550	76	1019	1.00	ug/l	99
20) Methylene Chloride	2.831	84	1229	0.30	ug/l #	82
31) Cyclohexane	5.623	56	6427	1.11	ug/l #	1
36) 1,1-Dichloropropene	5.623	75	24677	4.56	ug/l #	49
38) Carbon Tetrachloride	5.629	117	33034	5.81	ug/l #	17
74) N-amyl acetate	10.872	43	19	2.02	ug/l #	38
76) 1,2,3-Trichloropropane	11.116	75	115867	23.12	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.116	75	115867	64.78	ug/l #	12
95) Naphthalene	13.817	128	1008	2.93	ug/l #	90

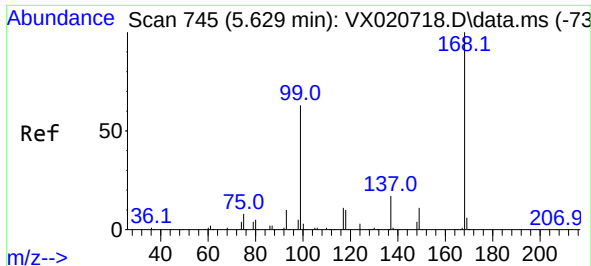
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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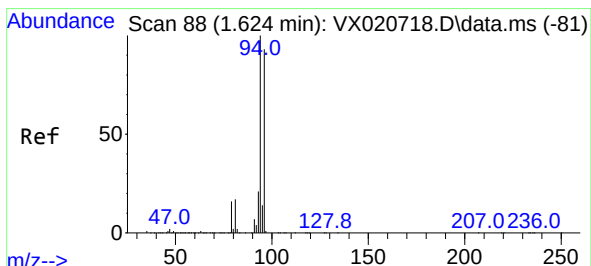
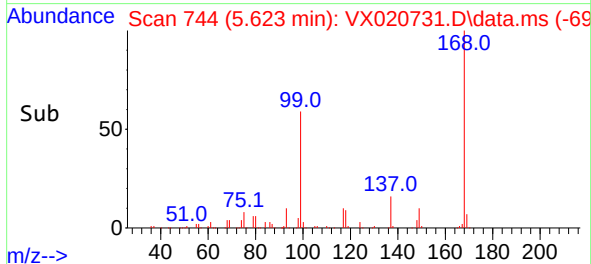
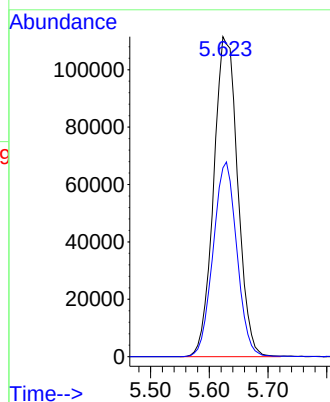
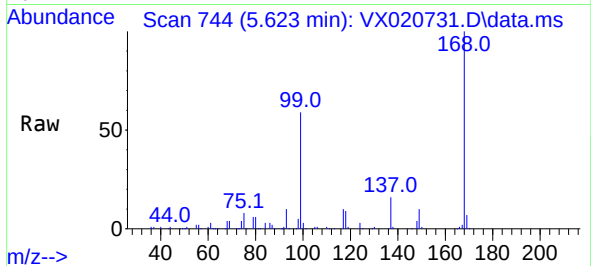




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.006 min
Lab File: VX020731.D
Acq: 25 Jan 2021 17:46

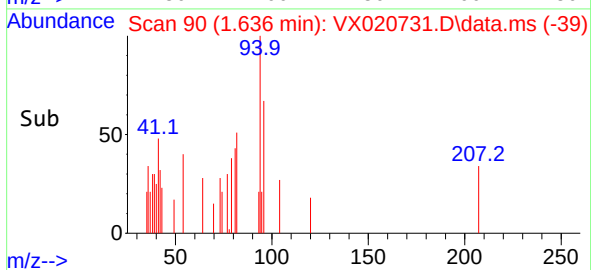
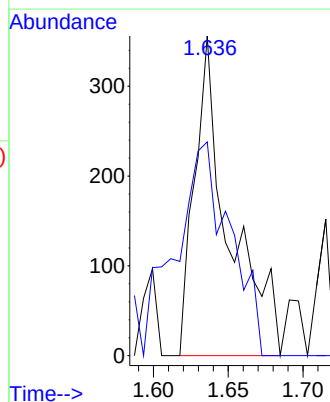
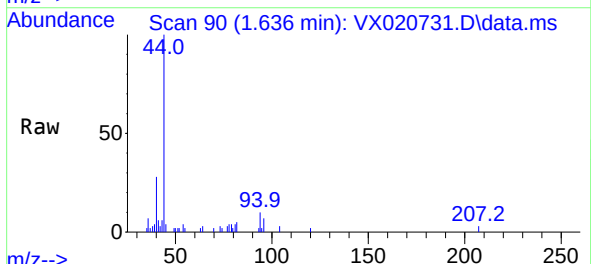
Instrument :
MSVOA_X
ClientSampleId :
41089

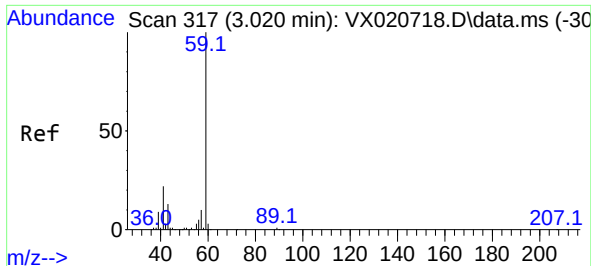
Tgt Ion:168 Resp: 316642
Ion Ratio Lower Upper
168 100
99 59.0 45.8 68.6



#5
Bromomethane
Concen: 0.26 ug/l
RT: 1.636 min Scan# 90
Delta R.T. 0.012 min
Lab File: VX020731.D
Acq: 25 Jan 2021 17:46

Tgt Ion: 94 Resp: 565
Ion Ratio Lower Upper
94 100
96 66.9 76.4 114.6#



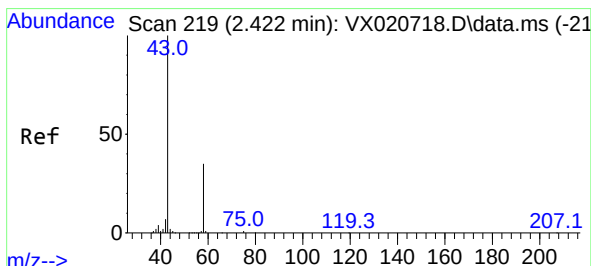
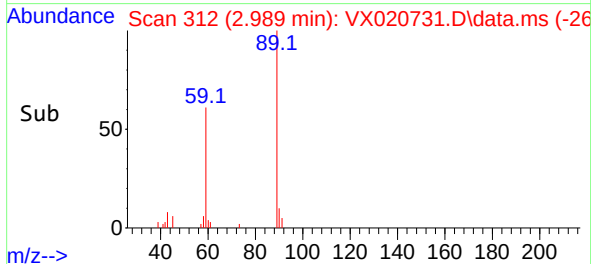
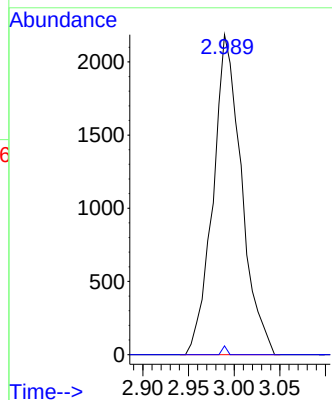
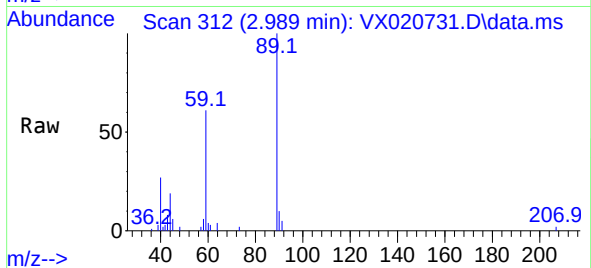


#11

Tert butyl alcohol
Concen: 5.88 ug/l
RT: 2.989 min Scan# 312
Delta R.T. -0.031 min
Lab File: VX020731.D
Acq: 25 Jan 2021 17:46

Instrument :
MSVOA_X
ClientSampleId :
41089

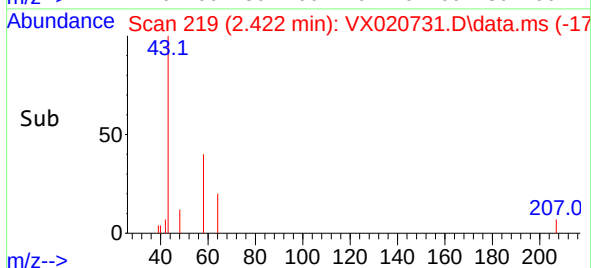
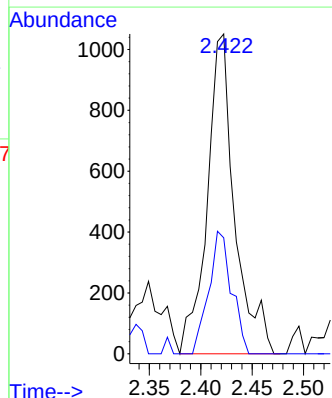
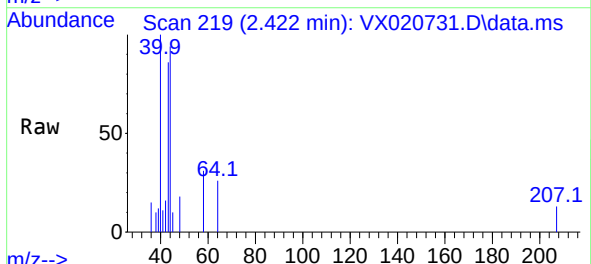
Tgt Ion: 59 Resp: 4742
Ion Ratio Lower Upper
59 100
57 0.5 7.8 11.8#

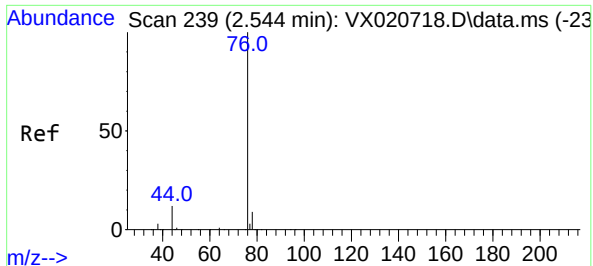


#16

Acetone
Concen: 1.19 ug/l
RT: 2.422 min Scan# 219
Delta R.T. 0.000 min
Lab File: VX020731.D
Acq: 25 Jan 2021 17:46

Tgt Ion: 43 Resp: 1953
Ion Ratio Lower Upper
43 100
58 36.3 27.8 41.8

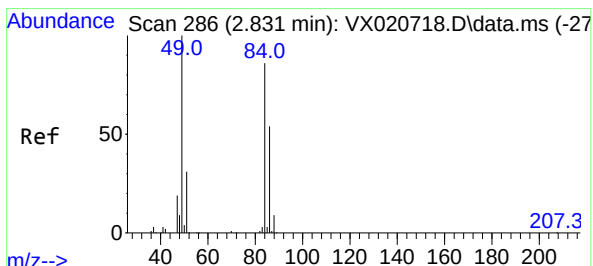
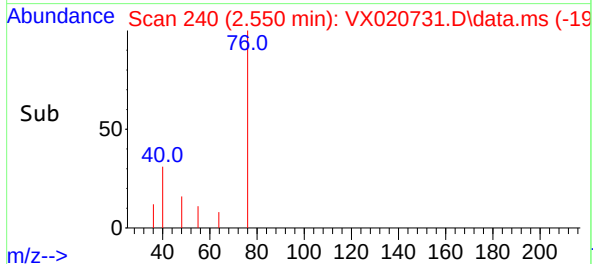
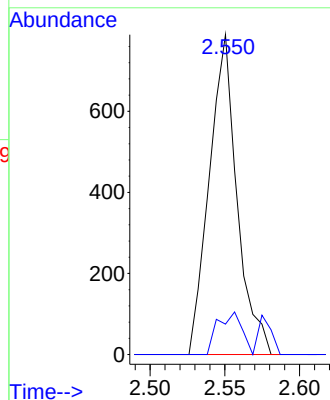
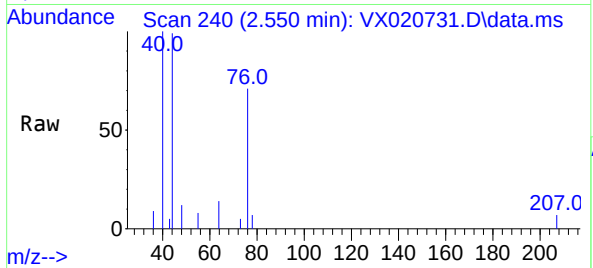




#17
Carbon Disulfide
Concen: 1.00 ug/l
RT: 2.550 min Scan# 240
Delta R.T. 0.006 min
Lab File: VX020731.D
Acq: 25 Jan 2021 17:46

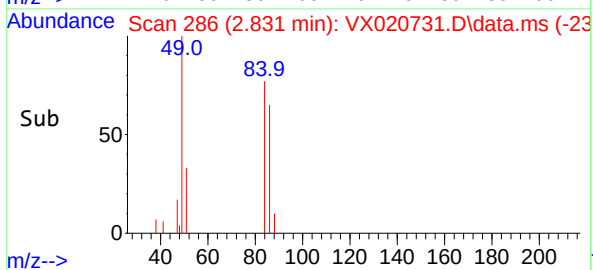
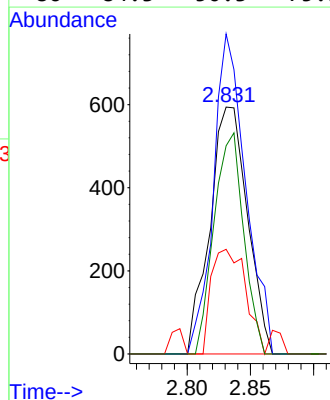
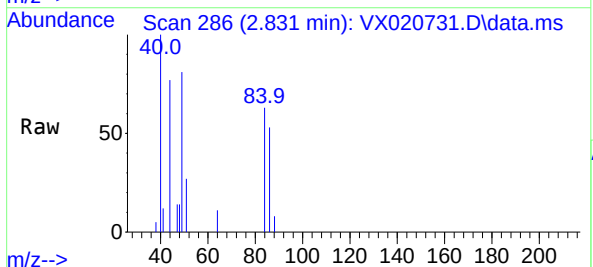
Instrument :
MSVOA_X
ClientSampled :
41089

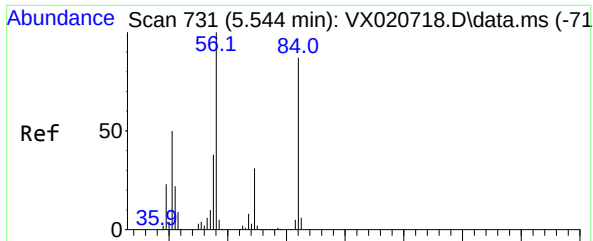
Tgt Ion: 76 Resp: 1019
Ion Ratio Lower Upper
76 100
78 9.5 7.2 10.8



#20
Methylene Chloride
Concen: 0.30 ug/l
RT: 2.831 min Scan# 286
Delta R.T. -0.000 min
Lab File: VX020731.D
Acq: 25 Jan 2021 17:46

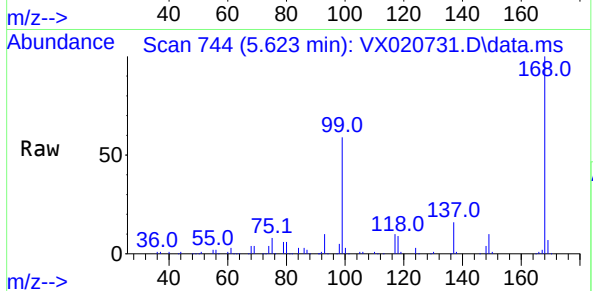
Tgt Ion: 84 Resp: 1229
Ion Ratio Lower Upper
84 100
49 129.6 88.6 132.8
51 34.0 27.0 40.6
86 84.3 50.3 75.5#



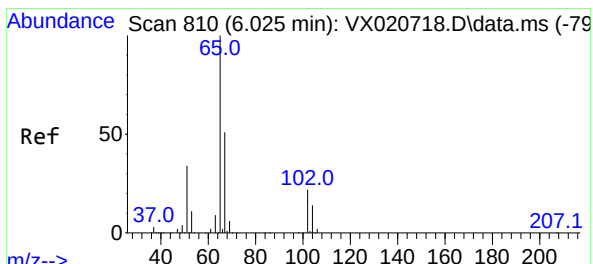
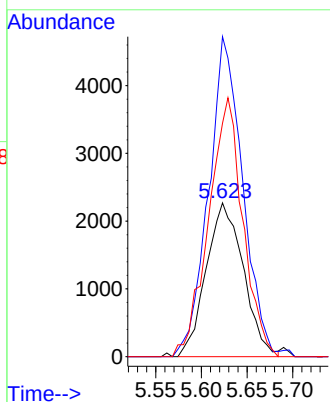
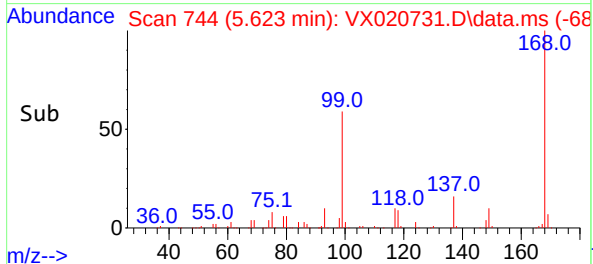


#31
Cyclohexane
Concen: 1.11 ug/l
RT: 5.623 min Scan# 744
Delta R.T. 0.079 min
Lab File: VX020731.D
Acq: 25 Jan 2021 17:46

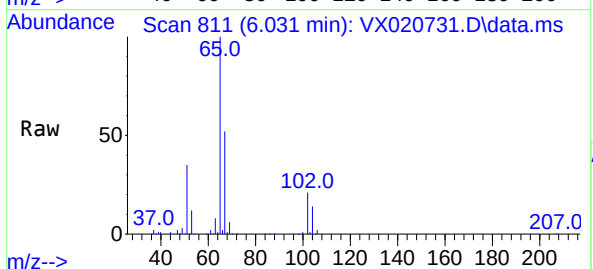
Instrument :
MSVOA_X
ClientSampleId :
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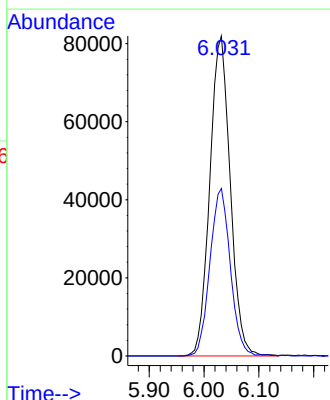
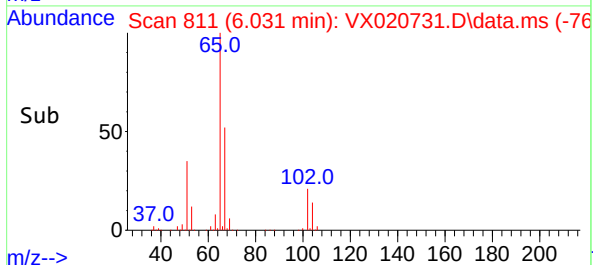
Tgt Ion: 56 Resp: 6427
Ion Ratio Lower Upper
56 100
69 204.9 25.3 37.9#
84 151.9 71.4 107.0#

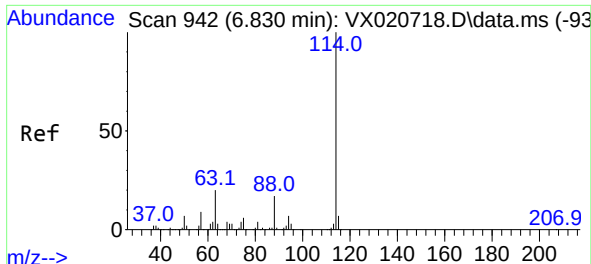


#33
1,2-Dichloroethane-d4
Concen: 49.11 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX020731.D
Acq: 25 Jan 2021 17:46



Tgt Ion: 65 Resp: 212122
Ion Ratio Lower Upper
65 100
67 52.2 0.0 105.4

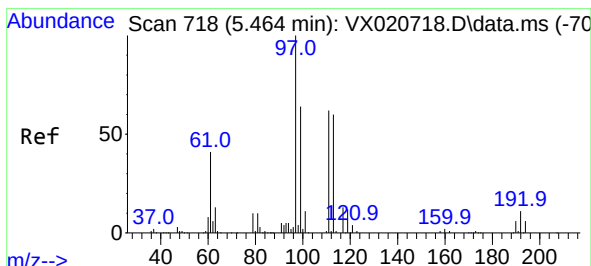
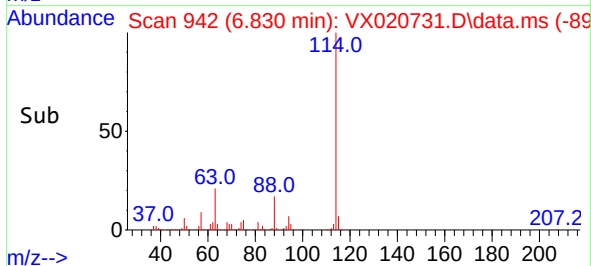
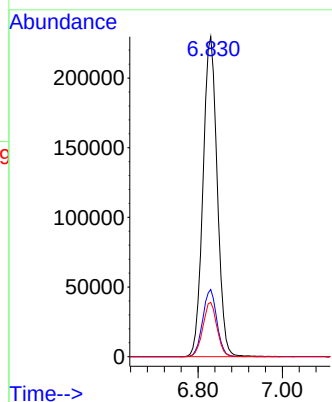
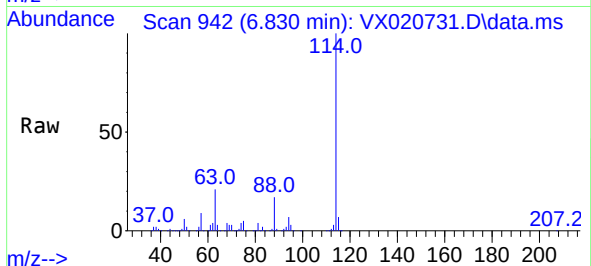




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.000 min
Lab File: VX020731.D
Acq: 25 Jan 2021 17:46

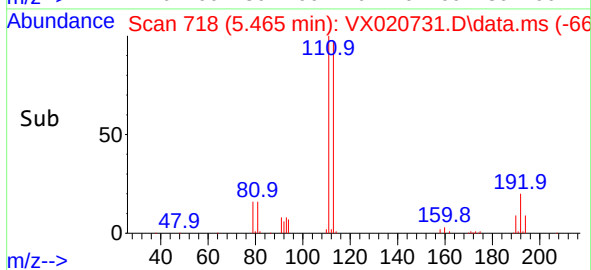
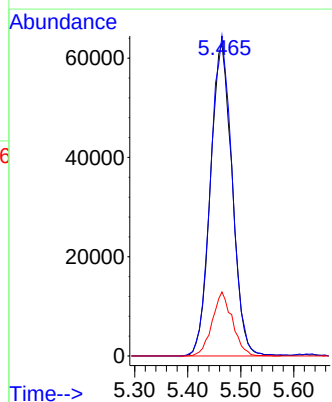
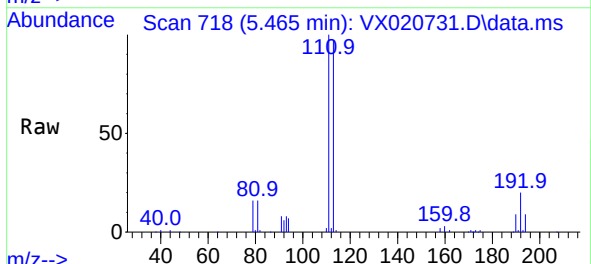
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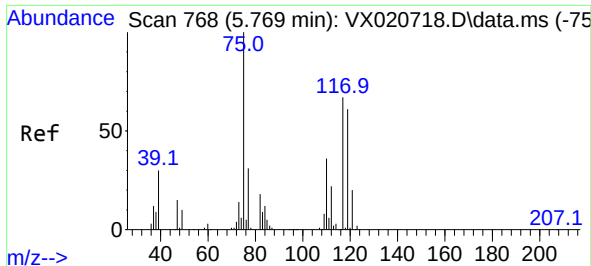
Tgt Ion:114 Resp: 539163
Ion Ratio Lower Upper
114 100
63 21.0 0.0 40.8
88 17.0 0.0 32.8



#35
Dibromofluoromethane
Concen: 48.63 ug/l
RT: 5.465 min Scan# 718
Delta R.T. 0.001 min
Lab File: VX020731.D
Acq: 25 Jan 2021 17:46

Tgt Ion:113 Resp: 179607
Ion Ratio Lower Upper
113 100
111 101.6 81.9 122.9
192 19.1 16.7 25.1

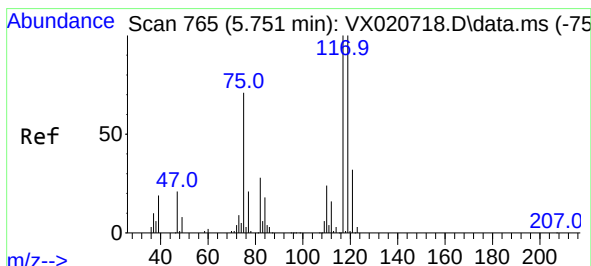
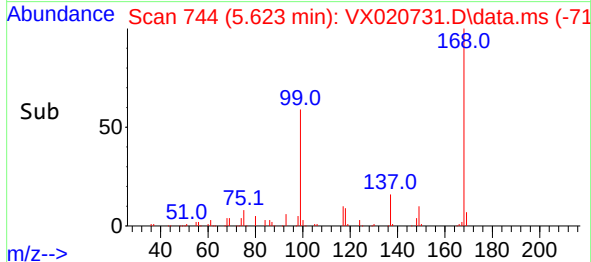
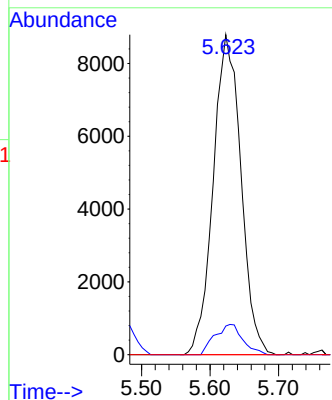
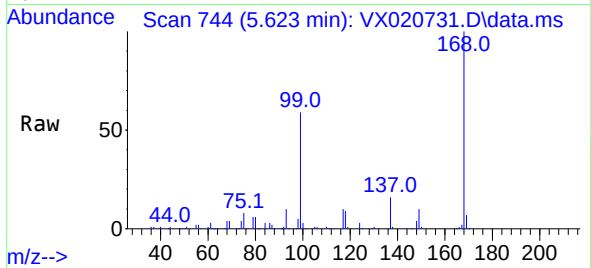




#36
1,1-Dichloropropene
Concen: 4.56 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.146 min
Lab File: VX020731.D
Acq: 25 Jan 2021 17:46

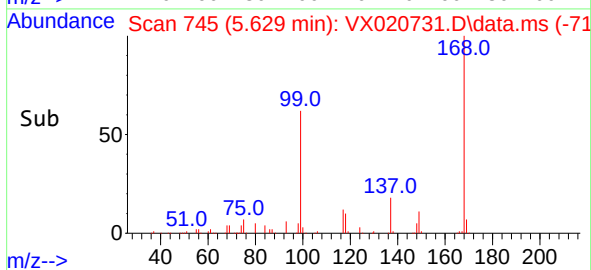
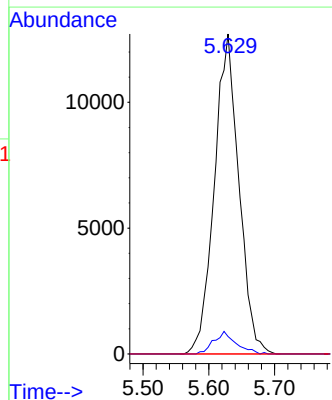
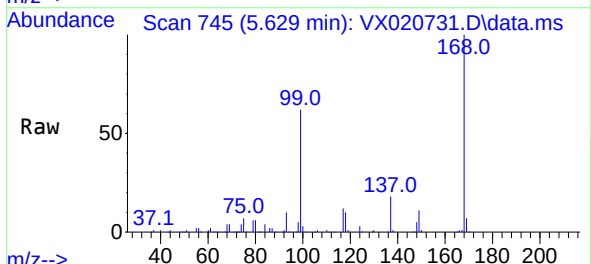
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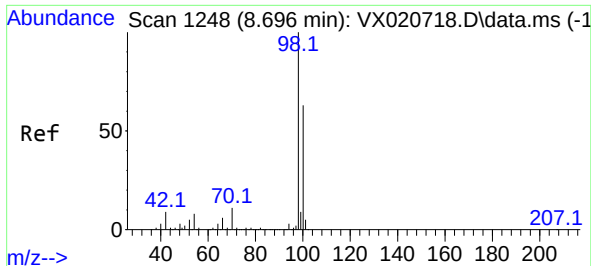
Tgt Ion: 75 Resp: 24677
Ion Ratio Lower Upper
75 100
110 9.5 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.81 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.122 min
Lab File: VX020731.D
Acq: 25 Jan 2021 17:46

Tgt Ion: 117 Resp: 33034
Ion Ratio Lower Upper
117 100
119 5.4 76.2 114.2#
121 0.0 24.8 37.2#

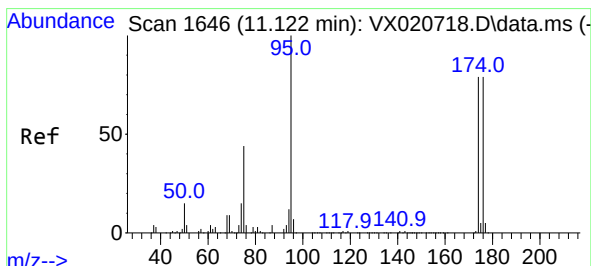
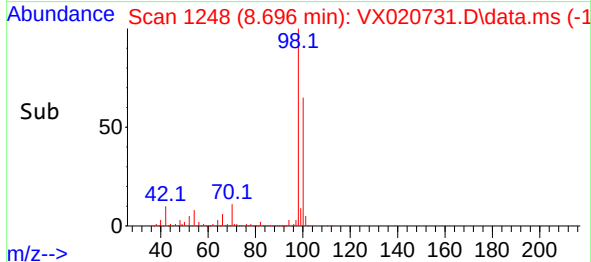
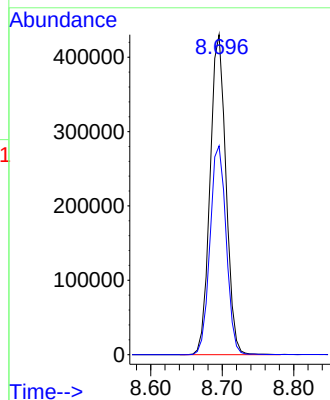
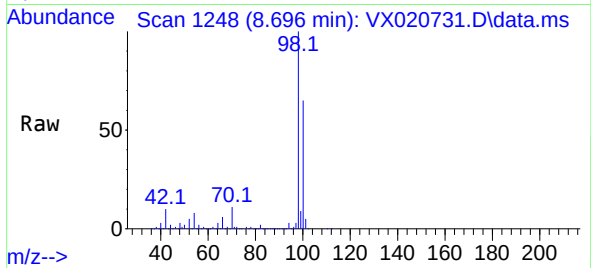




#50
Toluene-d8
Concen: 49.05 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. -0.000 min
Lab File: VX020731.D
Acq: 25 Jan 2021 17:46

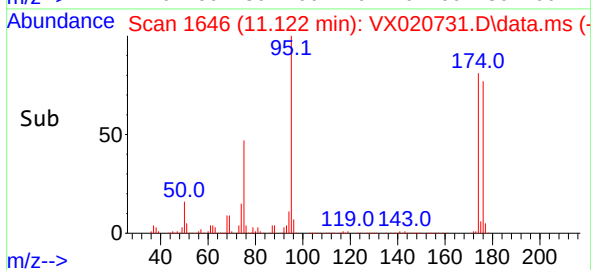
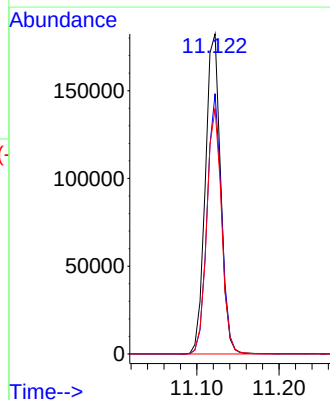
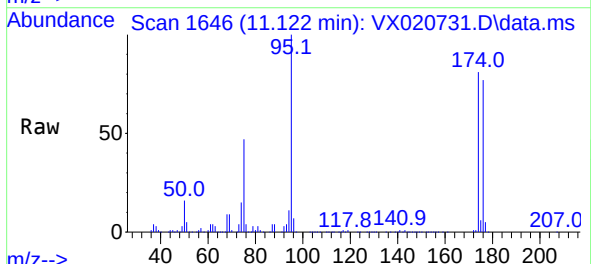
Instrument :
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41089

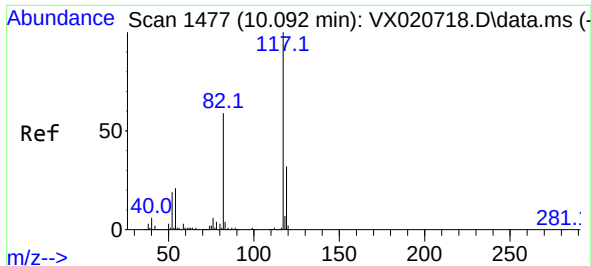
Tgt Ion: 98 Resp: 664044
Ion Ratio Lower Upper
98 100
100 66.4 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 44.68 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.000 min
Lab File: VX020731.D
Acq: 25 Jan 2021 17:46

Tgt Ion: 95 Resp: 234909
Ion Ratio Lower Upper
95 100
174 77.2 0.0 154.6
176 74.3 0.0 155.8



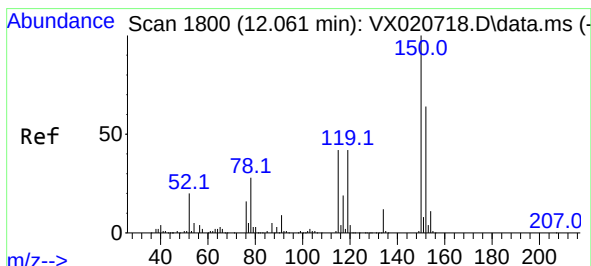
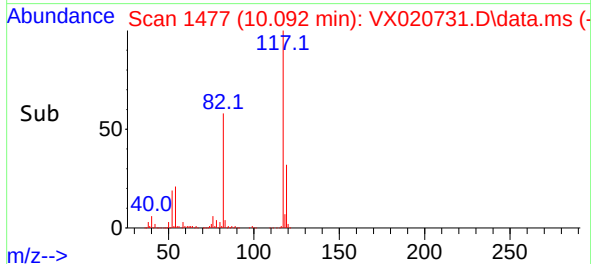
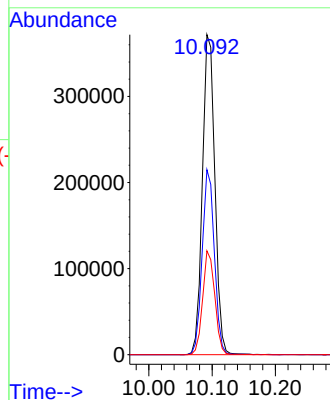
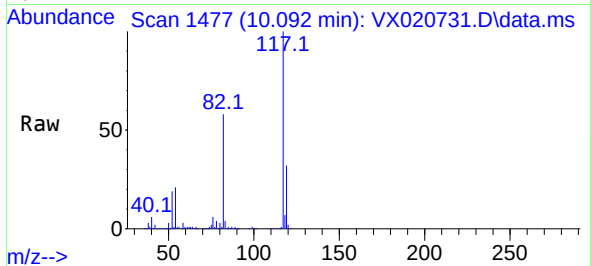


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VX020731.D
Acq: 25 Jan 2021 17:46

Instrument :
MSVOA_X
ClientSampleId :
41089

Tgt Ion:117 Resp: 510244

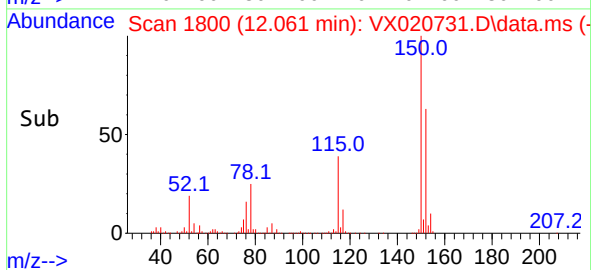
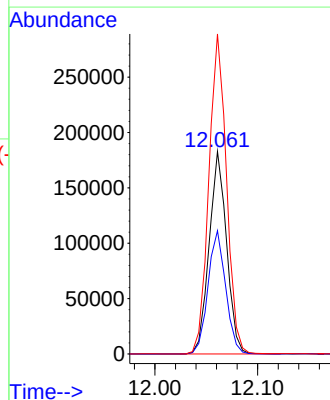
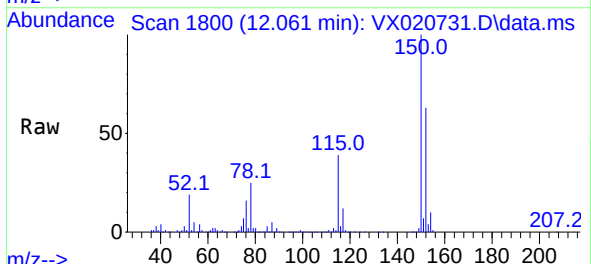
Ion	Ratio	Lower	Upper
117	100		
82	57.8	47.4	71.2
119	32.5	26.6	39.8

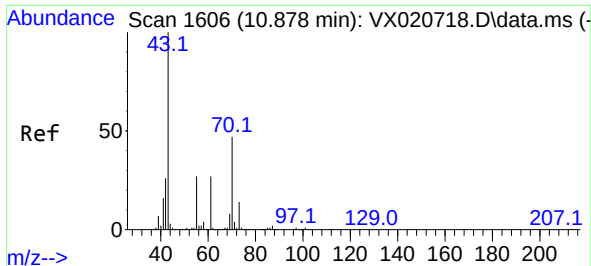


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020731.D
Acq: 25 Jan 2021 17:46

Tgt Ion:152 Resp: 216108

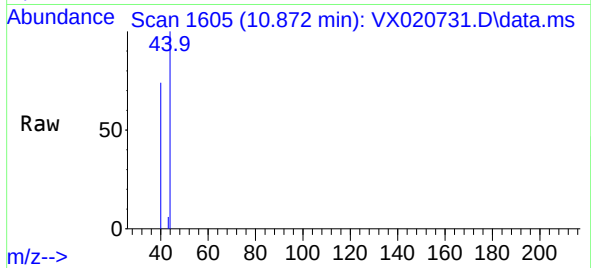
Ion	Ratio	Lower	Upper
152	100		
115	61.7	41.1	123.3
150	159.8	0.0	349.0





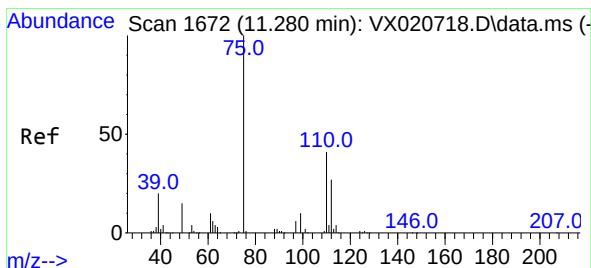
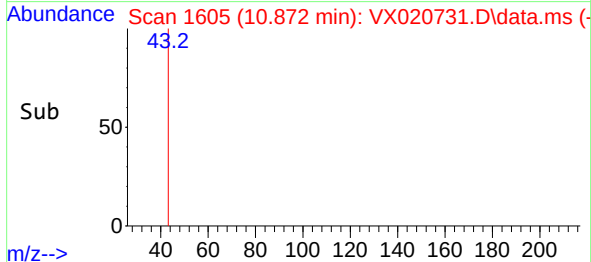
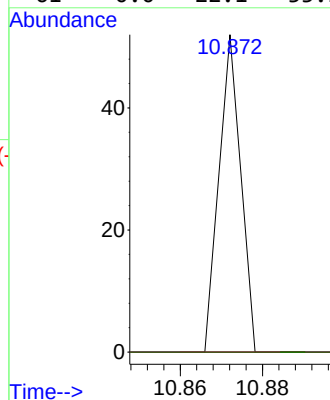
#74
N-amy1 acetate
Concen: 2.02 ug/l
RT: 10.872 min Scan# 1605
Delta R.T. -0.006 min
Lab File: VX020731.D
Acq: 25 Jan 2021 17:46

Instrument :
MSVOA_X
ClientSampleId :
41089



Tgt Ion: 43 Resp: 19

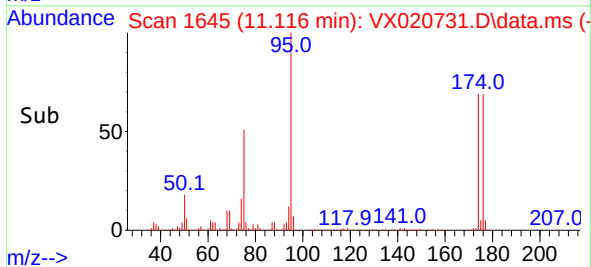
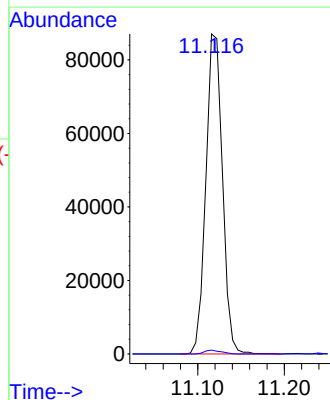
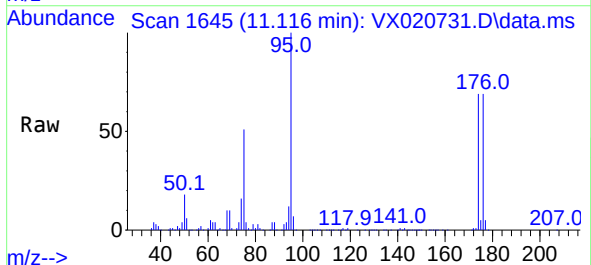
Ion	Ratio	Lower	Upper
43	100		
70	0.0	39.0	58.6#
55	0.0	21.5	32.3#
61	0.0	22.1	33.1#

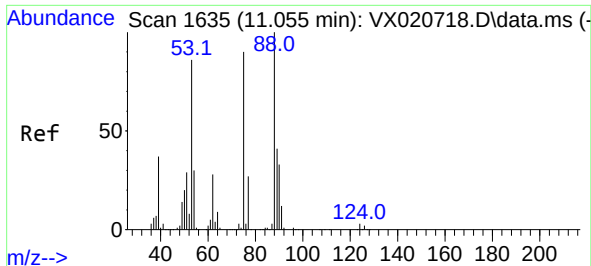


#76
1,2,3-Trichloropropane
Concen: 23.12 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. -0.164 min
Lab File: VX020731.D
Acq: 25 Jan 2021 17:46

Tgt Ion: 75 Resp: 115867

Ion	Ratio	Lower	Upper
75	100		
77	1.2	19.1	57.5#

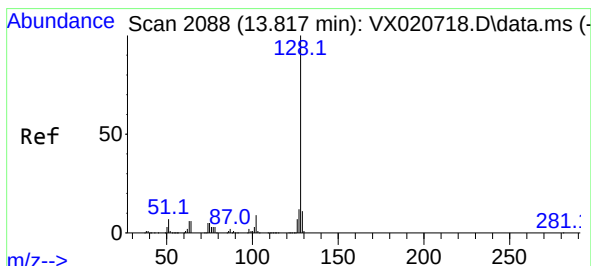
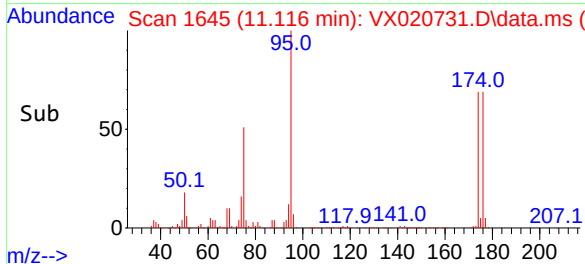
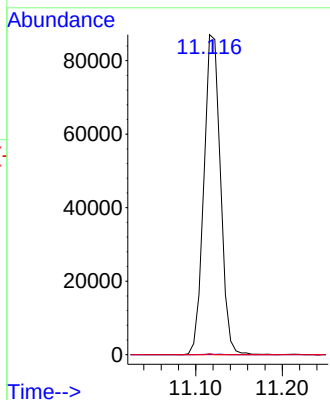
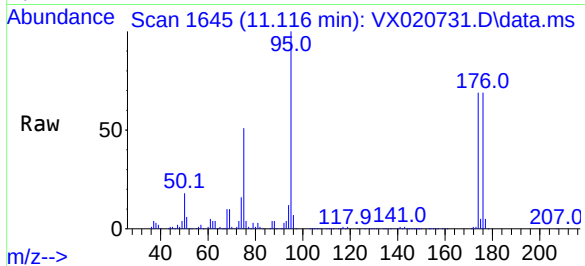




#81
trans-1,4-Dichloro-2-butene
Concen: 64.78 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. 0.061 min
Lab File: VX020731.D
Acq: 25 Jan 2021 17:46

Instrument :
MSVOA_X
ClientSampled :
41089

Tgt Ion: 75 Resp: 115867
Ion Ratio Lower Upper
75 100
53 0.2 74.5 111.7#
89 0.1 37.9 56.9#



#95
Naphthalene
Concen: 2.93 ug/l
RT: 13.817 min Scan# 2088
Delta R.T. -0.000 min
Lab File: VX020731.D
Acq: 25 Jan 2021 17:46

Tgt Ion: 128 Resp: 1008
Ion Ratio Lower Upper
128 100
127 10.8 10.3 15.5
129 17.1 8.8 13.2#

