

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020421\
 Data File : VX020855.D
 Acq On : 04 Feb 2021 10:31
 Operator : JC/MD
 Sample : VX0204MBL01
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0204MBL01

Quant Time: Feb 05 01:36:22 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	278759	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.824	114	470804	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	471584	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	206812	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.025	65	194662	51.20	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 102.40%	
35) Dibromofluoromethane	5.458	113	170150	52.76	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 105.52%	
50) Toluene-d8	8.689	98	593437	50.19	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 100.38%	
62) 4-Bromofluorobenzene	11.122	95	206756	45.03	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 90.06%	

Target Compounds

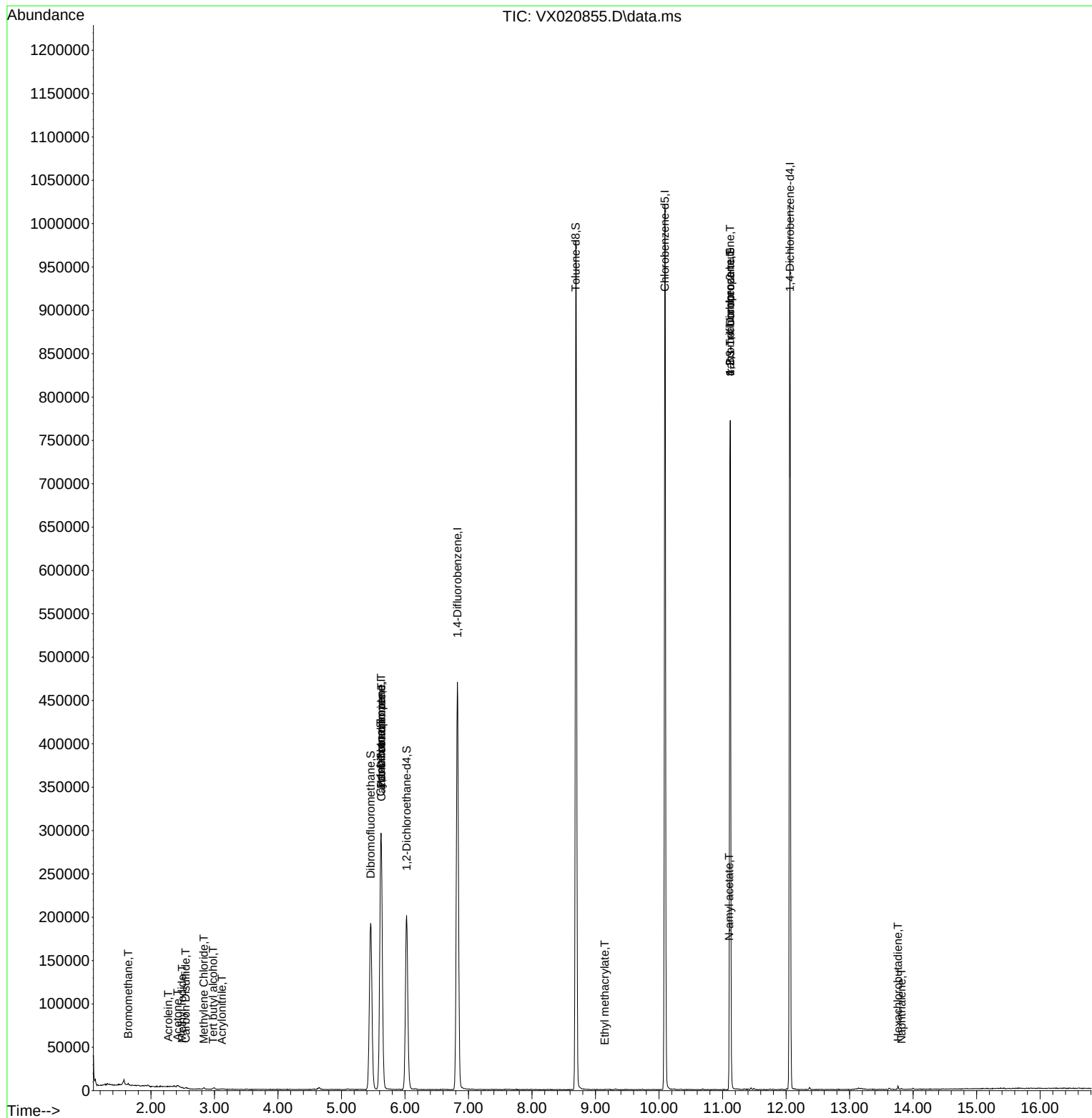
						Qvalue
5) Bromomethane	1.642	94	799	0.43	ug/l	89
10) Methyl Iodide	2.489	142	1203	0.32	ug/l #	88
11) Tert butyl alcohol	2.977	59	1207	1.70	ug/l #	73
13) Acrolein	2.270	56	328	0.61	ug/l	95
15) Acrylonitrile	3.117	53	362	0.20	ug/l #	76
16) Acetone	2.416	43	1745	1.21	ug/l	100
17) Carbon Disulfide	2.544	76	1550	1.08	ug/l #	82
20) Methylene Chloride	2.831	84	824	0.23	ug/l #	80
31) Cyclohexane	5.617	56	5280	1.03	ug/l #	1
36) 1,1-Dichloropropene	5.623	75	21080	4.46	ug/l #	49
38) Carbon Tetrachloride	5.629	117	28790	5.79	ug/l #	17
56) Ethyl methacrylate	9.147	69	48	2.79	ug/l #	29
74) N-amyl acetate	11.104	43	104	2.03	ug/l #	1
76) 1,2,3-Trichloropropane	11.122	75	102319	21.33	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.122	75	102319	59.78	ug/l #	12
94) Hexachlorobutadiene	13.762	225	497	0.24	ug/l	91
95) Naphthalene	13.817	128	1174	2.94	ug/l #	89

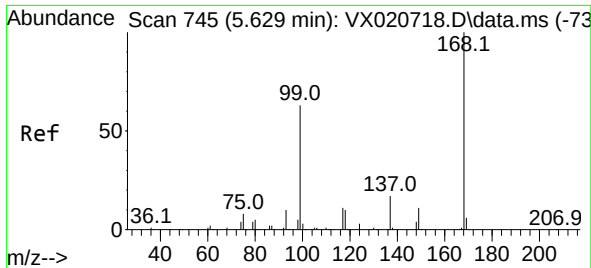
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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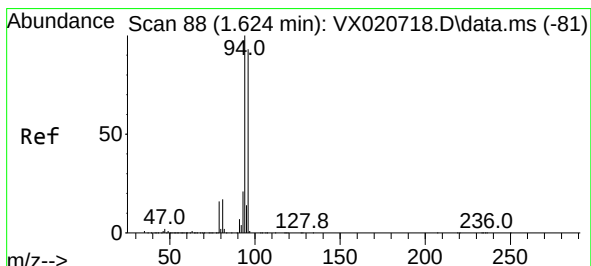
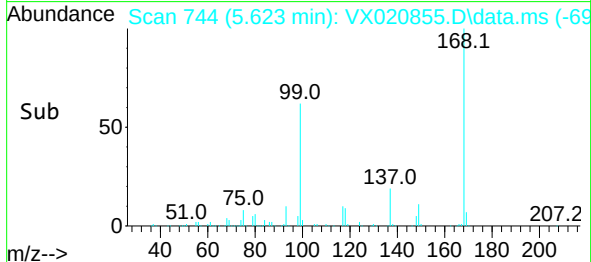
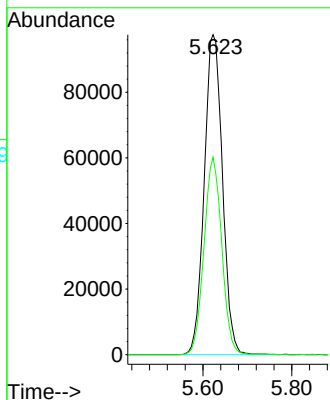
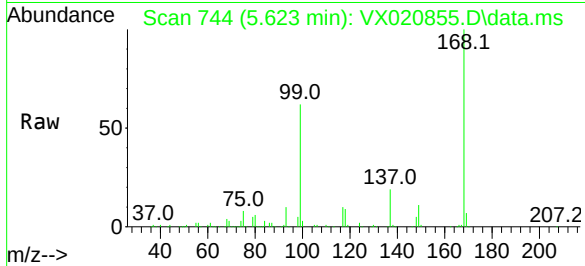




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.006 min
Lab File: VX020855.D
Acq: 04 Feb 2021 10:31

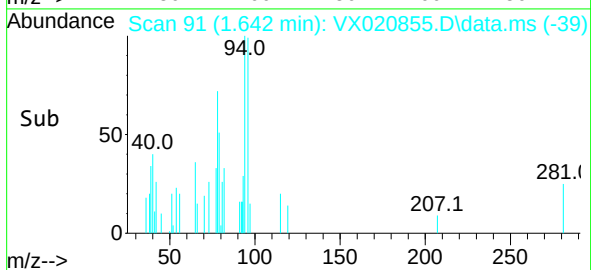
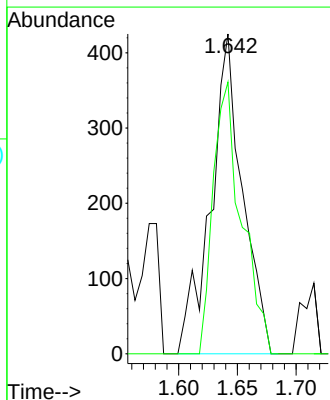
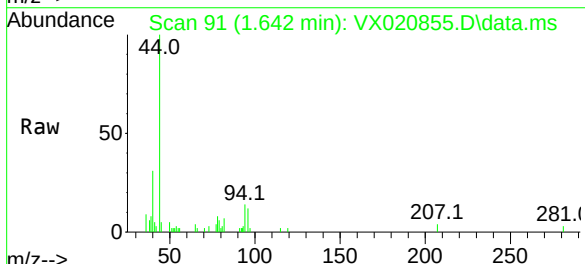
Instrument :
MSVOA_X
ClientSampleId :
VX0204MBL01

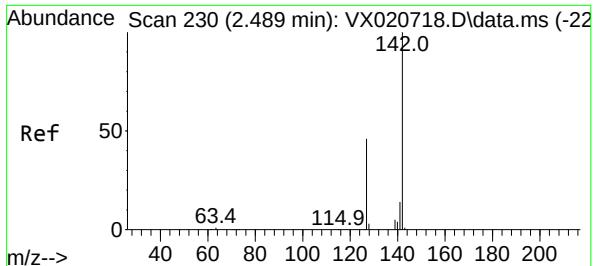
Tgt Ion:168 Resp: 278759
Ion Ratio Lower Upper
168 100
99 61.6 45.8 68.6



#5
Bromomethane
Concen: 0.43 ug/l
RT: 1.642 min Scan# 91
Delta R.T. 0.018 min
Lab File: VX020855.D
Acq: 04 Feb 2021 10:31

Tgt Ion: 94 Resp: 799
Ion Ratio Lower Upper
94 100
96 84.9 76.4 114.6

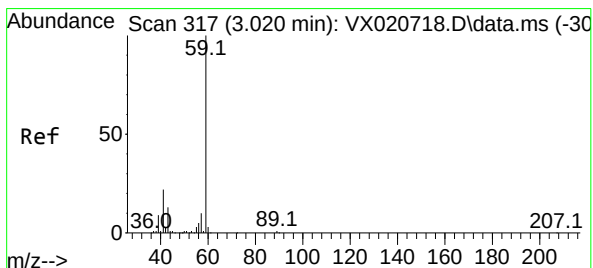
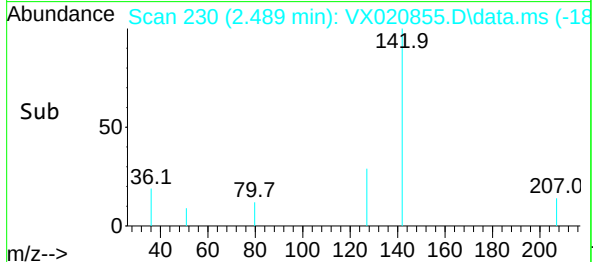
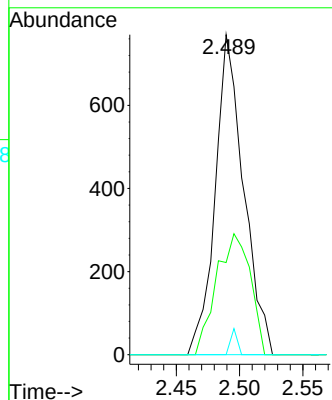
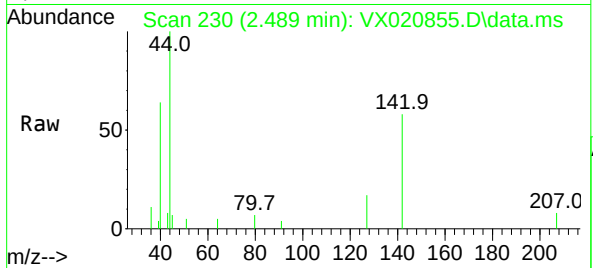




#10
Methyl Iodide
Concen: 0.32 ug/l
RT: 2.489 min Scan# 230
Delta R.T. 0.000 min
Lab File: VX020855.D
Acq: 04 Feb 2021 10:31

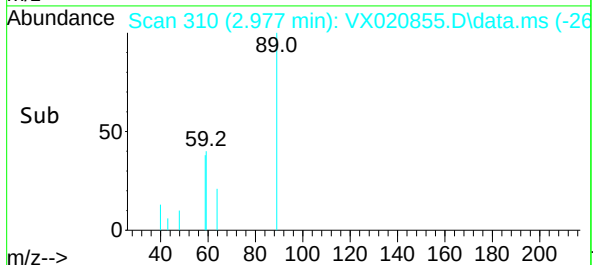
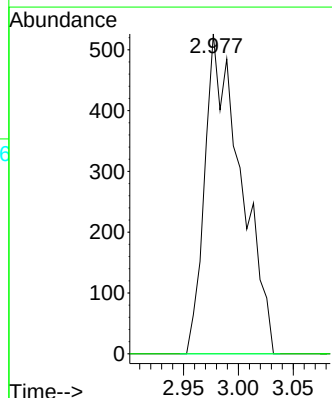
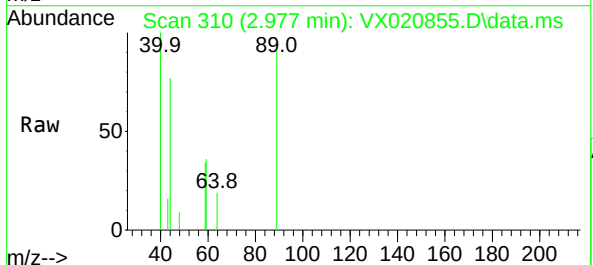
Instrument :
MSVOA_X
ClientSampleId :
VX0204MBL01

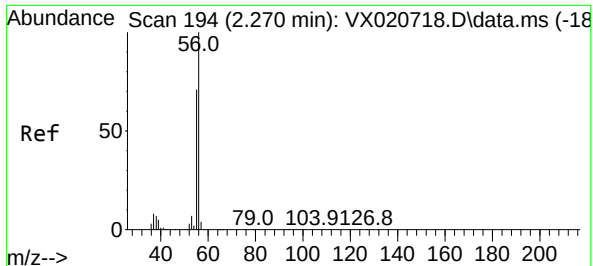
Tgt Ion:142 Resp: 1203
Ion Ratio Lower Upper
142 100
127 45.1 33.3 49.9
141 1.9 11.4 17.0#



#11
Tert butyl alcohol
Concen: 1.70 ug/l
RT: 2.977 min Scan# 310
Delta R.T. -0.043 min
Lab File: VX020855.D
Acq: 04 Feb 2021 10:31

Tgt Ion: 59 Resp: 1207
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

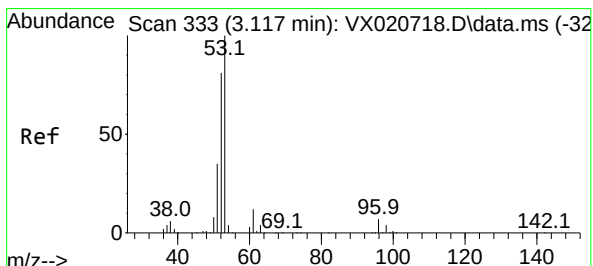
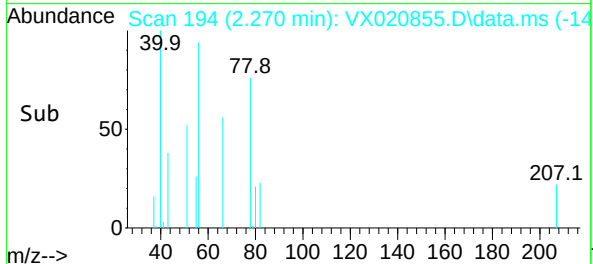
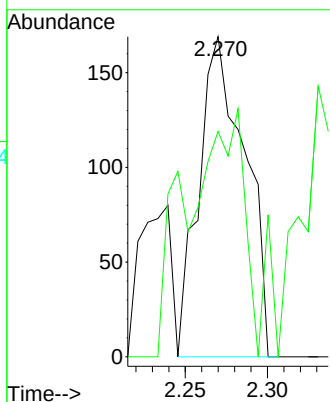
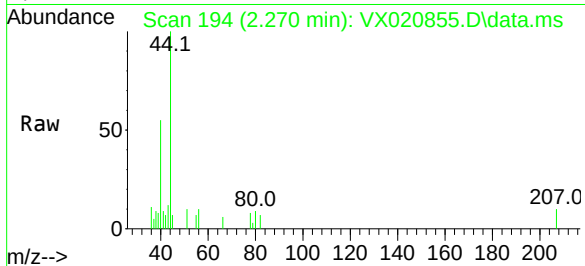




#13
Acrolein
Concen: 0.61 ug/l
RT: 2.270 min Scan# 194
Delta R.T. -0.000 min
Lab File: VX020855.D
Acq: 04 Feb 2021 10:31

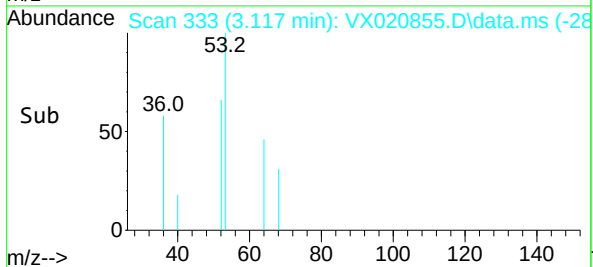
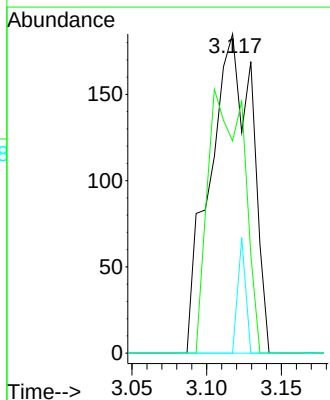
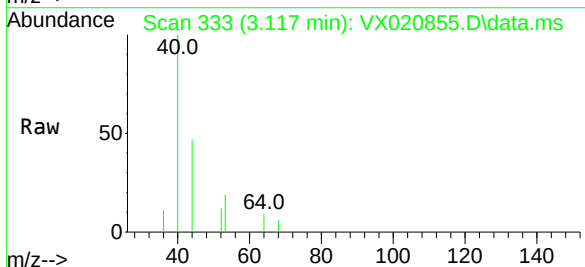
Instrument :
MSVOA_X
ClientSampleId :
VX0204MBL01

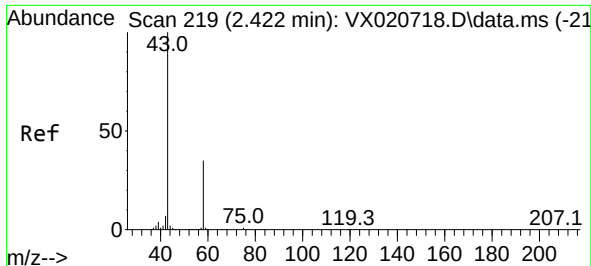
Tgt Ion: 56 Resp: 328
Ion Ratio Lower Upper
56 100
55 66.8 56.4 84.6



#15
Acrylonitrile
Concen: 0.20 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX020855.D
Acq: 04 Feb 2021 10:31

Tgt Ion: 53 Resp: 362
Ion Ratio Lower Upper
53 100
52 70.2 65.3 97.9
51 6.9 28.2 42.2#

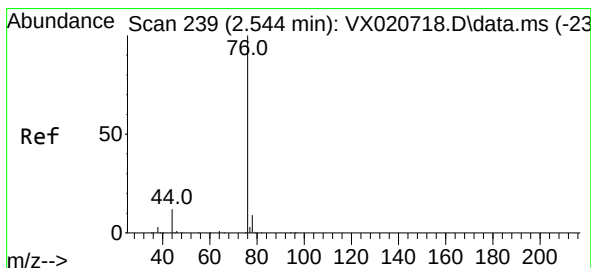
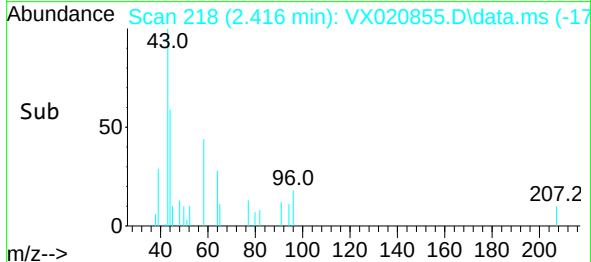
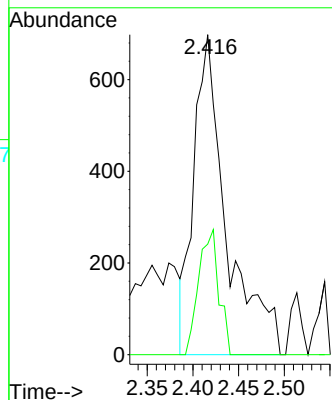
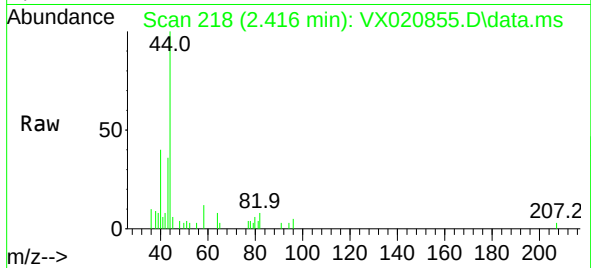




#16
Acetone
Concen: 1.21 ug/l
RT: 2.416 min Scan# 218
Delta R.T. -0.006 min
Lab File: VX020855.D
Acq: 04 Feb 2021 10:31

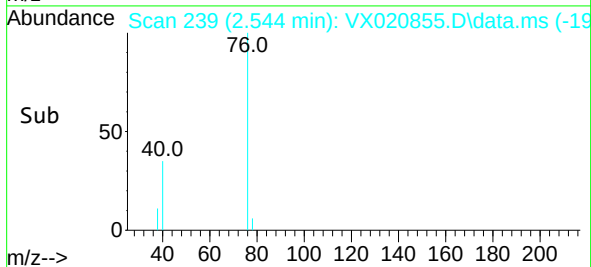
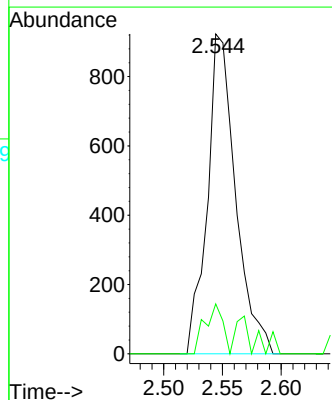
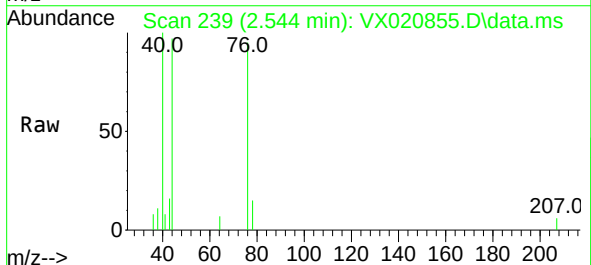
Instrument :
MSVOA_X
ClientSampleId :
VX0204MBL01

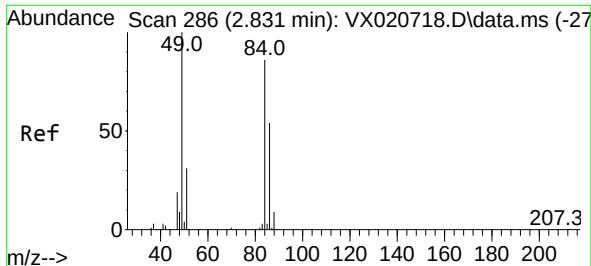
Tgt Ion: 43 Resp: 1745
Ion Ratio Lower Upper
43 100
58 34.5 27.8 41.8



#17
Carbon Disulfide
Concen: 1.08 ug/l
RT: 2.544 min Scan# 239
Delta R.T. 0.000 min
Lab File: VX020855.D
Acq: 04 Feb 2021 10:31

Tgt Ion: 76 Resp: 1550
Ion Ratio Lower Upper
76 100
78 15.6 7.2 10.8#

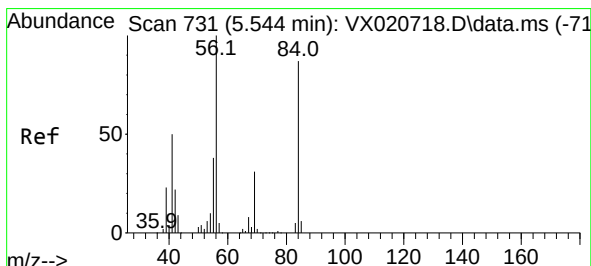
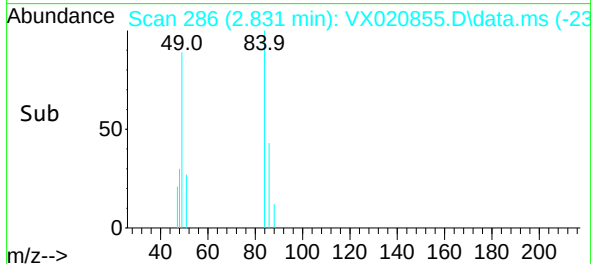
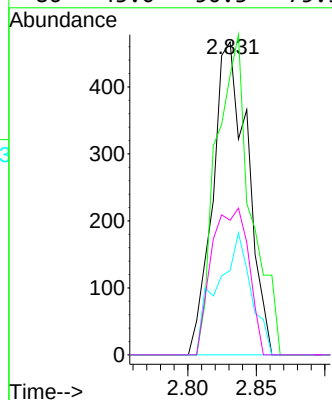
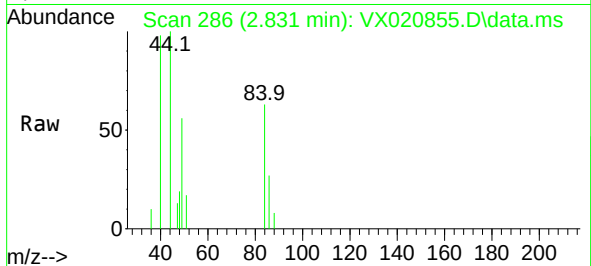




#20
Methylene Chloride
Concen: 0.23 ug/l
RT: 2.831 min Scan# 286
Delta R.T. -0.000 min
Lab File: VX020855.D
Acq: 04 Feb 2021 10:31

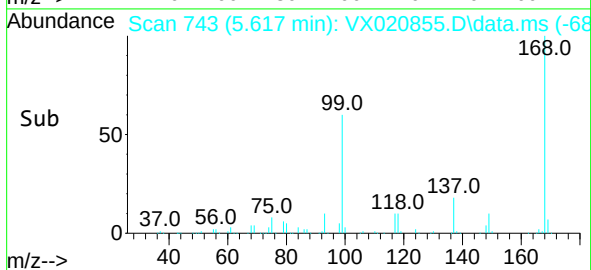
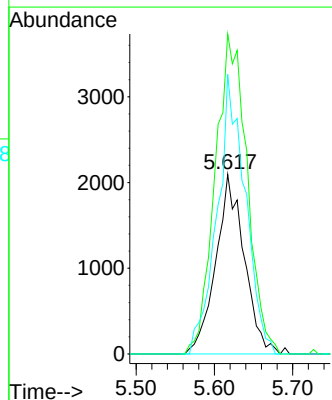
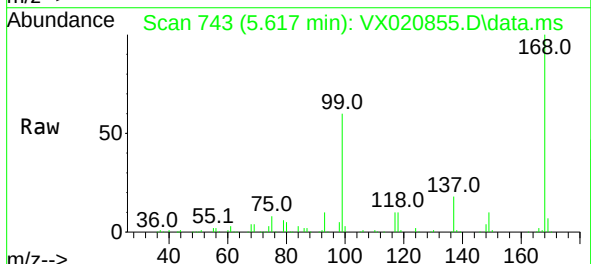
Instrument :
MSVOA_X
ClientSampleId :
VX0204MBL01

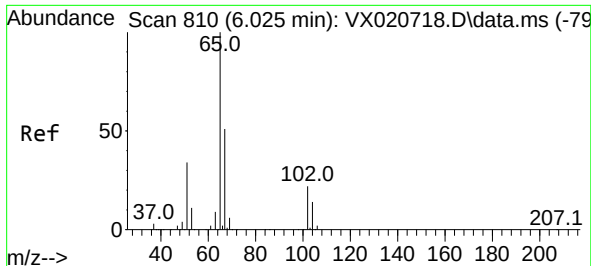
Tgt Ion:	84	Resp:	824
Ion	Ratio	Lower	Upper
84	100		
49	89.3	88.6	132.8
51	27.0	27.0	40.6#
86	43.0	50.3	75.5#



#31
Cyclohexane
Concen: 1.03 ug/l
RT: 5.617 min Scan# 743
Delta R.T. 0.073 min
Lab File: VX020855.D
Acq: 04 Feb 2021 10:31

Tgt Ion:	56	Resp:	5280
Ion	Ratio	Lower	Upper
56	100		
69	178.2	25.3	37.9#
84	155.7	71.4	107.0#





#33

1,2-Dichloroethane-d4

Concen: 51.20 ug/l

RT: 6.025 min Scan# 810

Delta R.T. 0.000 min

Lab File: VX020855.D

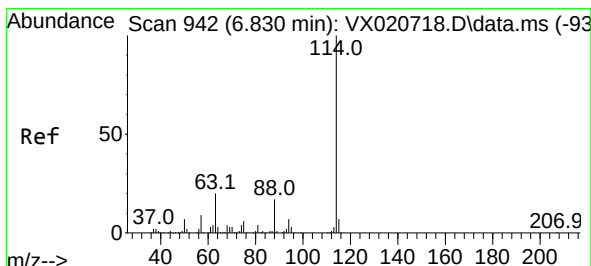
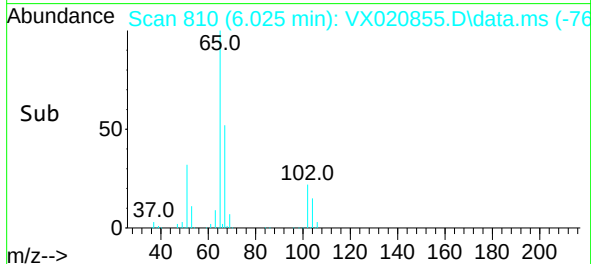
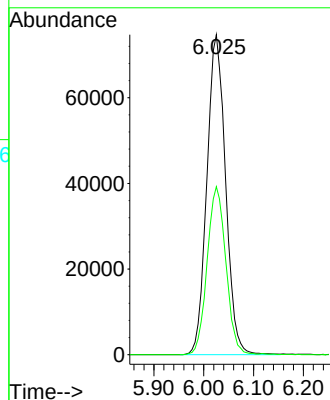
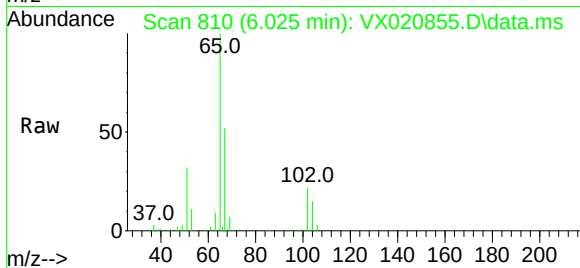
Acq: 04 Feb 2021 10:31

Tgt Ion: 65 Resp: 194662

Ion Ratio Lower Upper

65 100

67 52.5 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: VX020855.D

Acq: 04 Feb 2021 10:31

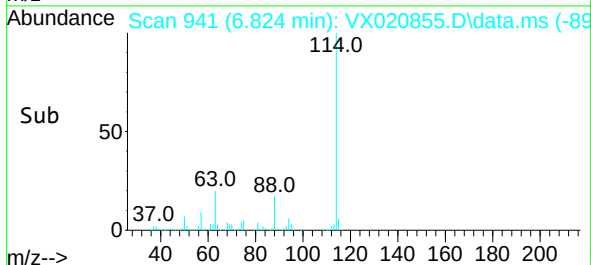
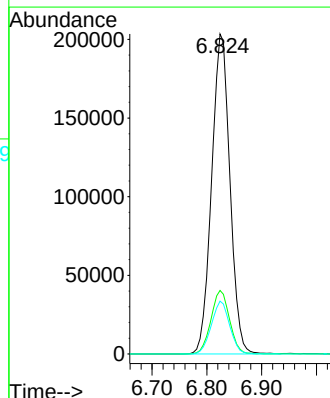
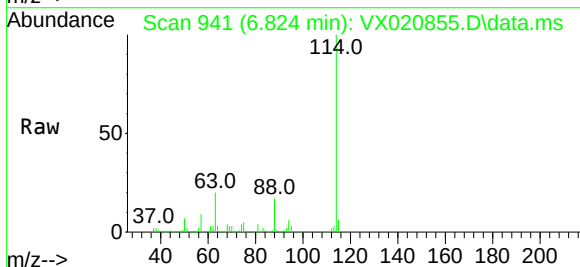
Tgt Ion: 114 Resp: 470804

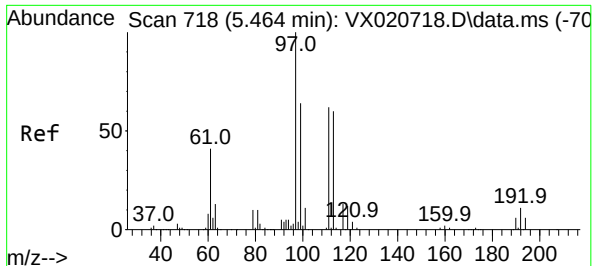
Ion Ratio Lower Upper

114 100

63 19.8 0.0 40.8

88 16.5 0.0 32.8

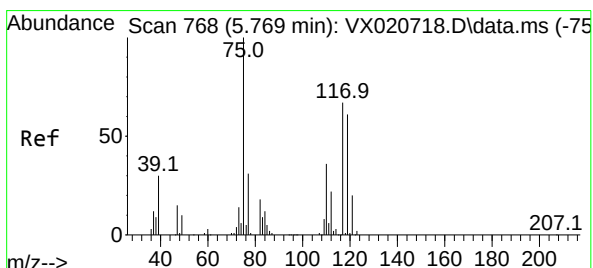
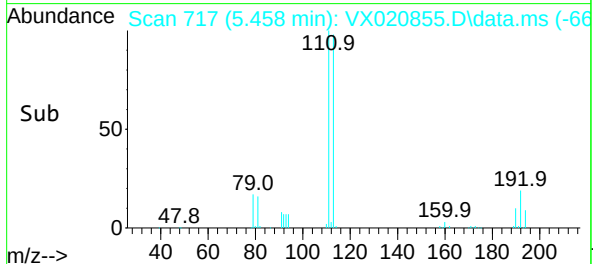
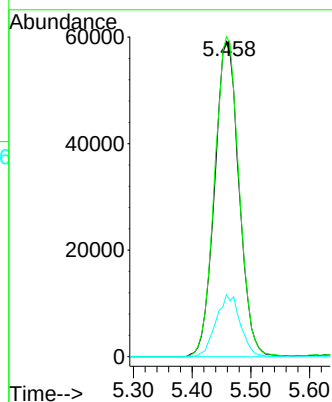
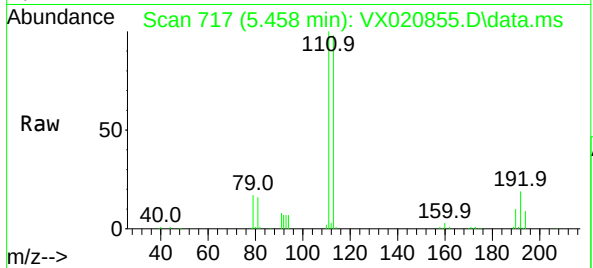




#35
Dibromofluoromethane
Concen: 52.76 ug/l
RT: 5.458 min Scan# 717
Delta R.T. -0.006 min
Lab File: VX020855.D
Acq: 04 Feb 2021 10:31

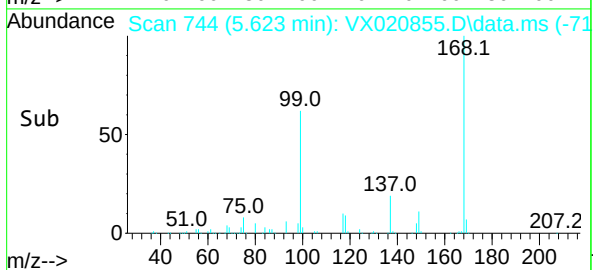
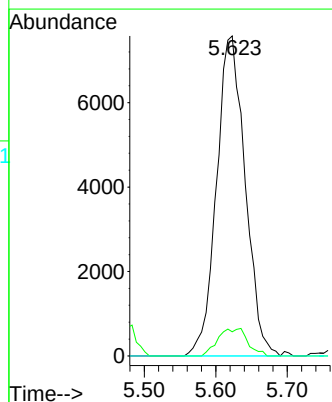
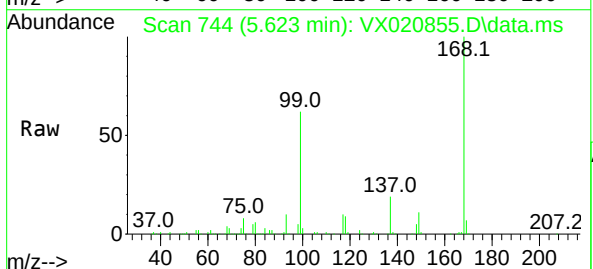
Instrument :
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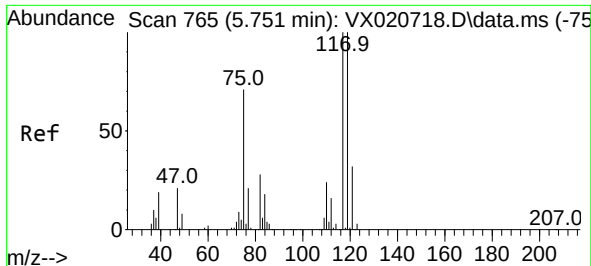
Tgt Ion:113 Resp: 170150
Ion Ratio Lower Upper
113 100
111 102.2 81.9 122.9
192 19.7 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.46 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.146 min
Lab File: VX020855.D
Acq: 04 Feb 2021 10:31

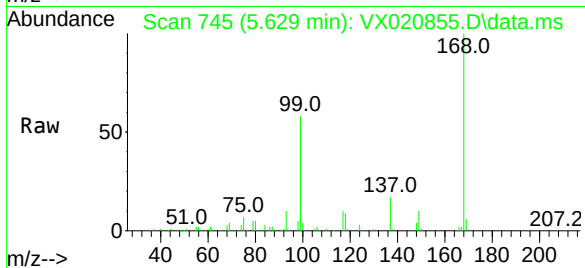
Tgt Ion: 75 Resp: 21080
Ion Ratio Lower Upper
75 100
110 8.9 18.1 54.4#
77 0.0 25.3 37.9#



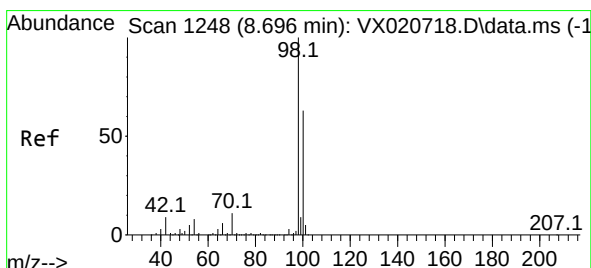
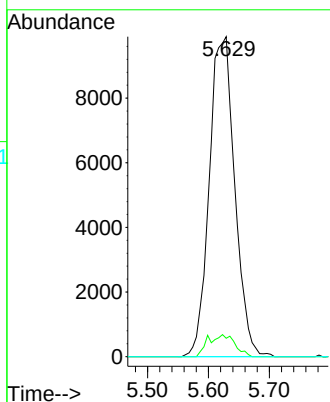
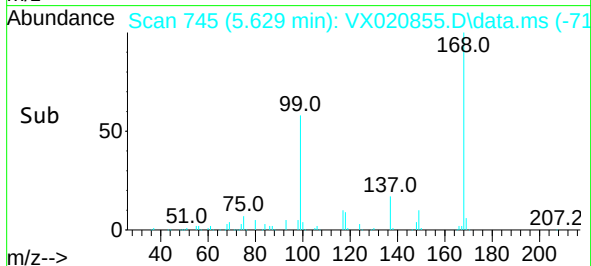


#38
Carbon Tetrachloride
Concen: 5.79 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.122 min
Lab File: VX020855.D
Acq: 04 Feb 2021 10:31

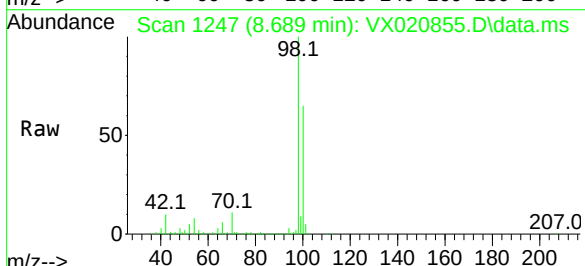
Instrument :
MSVOA_X
ClientSampleId :
VX0204MBL01



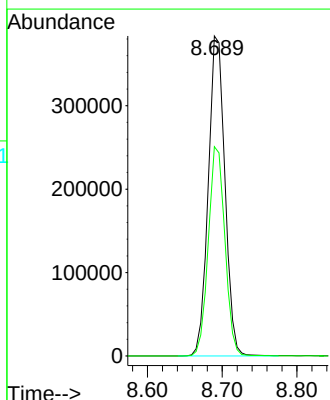
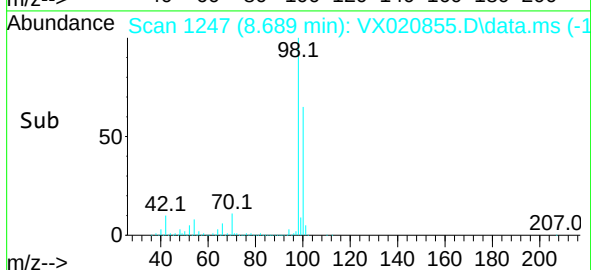
Tgt Ion:117 Resp: 28790
Ion Ratio Lower Upper
117 100
119 5.8 76.2 114.2#
121 0.0 24.8 37.2#

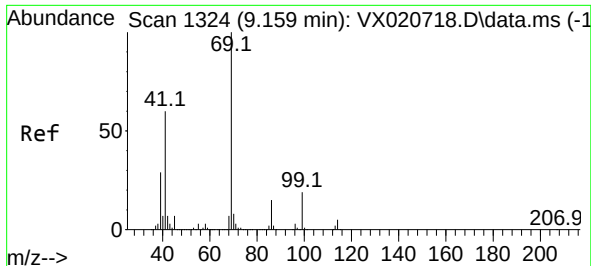


#50
Toluene-d8
Concen: 50.19 ug/l
RT: 8.689 min Scan# 1247
Delta R.T. -0.007 min
Lab File: VX020855.D
Acq: 04 Feb 2021 10:31



Tgt Ion: 98 Resp: 593437
Ion Ratio Lower Upper
98 100
100 65.4 51.9 77.9

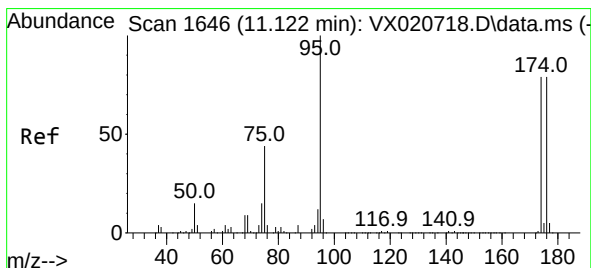
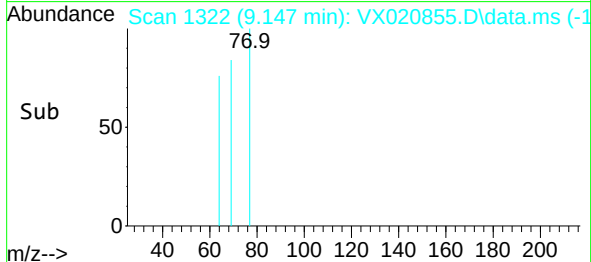
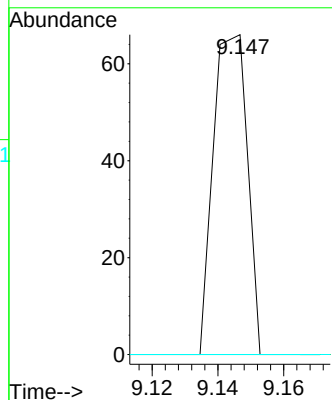
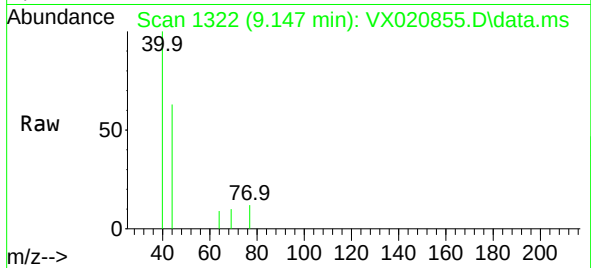




#56
Ethyl methacrylate
Concen: 2.79 ug/l
RT: 9.147 min Scan# 1322
Delta R.T. -0.012 min
Lab File: VX020855.D
Acq: 04 Feb 2021 10:31

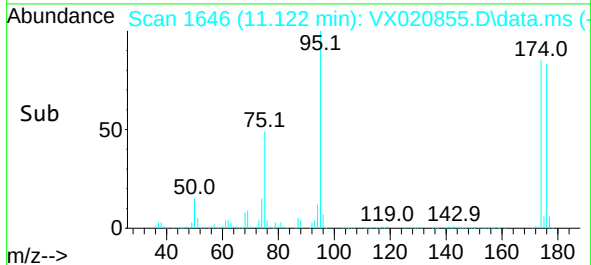
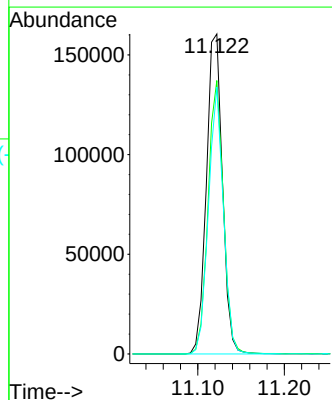
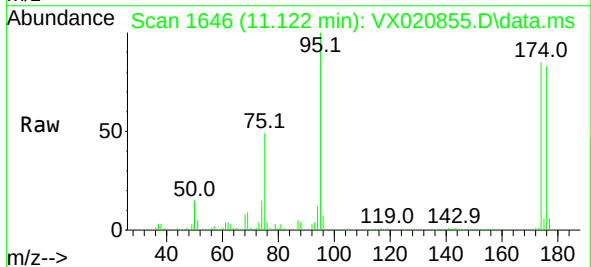
Instrument :
MSVOA_X
ClientSampleId :
VX0204MBL01

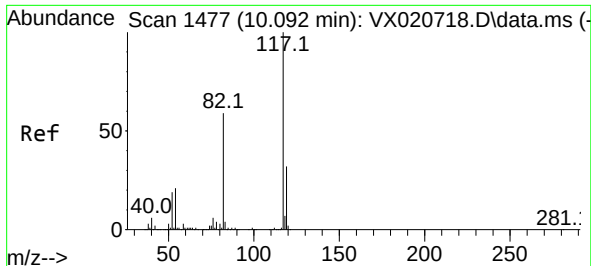
Tgt Ion: 69 Resp: 48
Ion Ratio Lower Upper
69 100
41 0.0 46.8 70.2#
39 0.0 24.7 37.1#



#62
4-Bromofluorobenzene
Concen: 45.03 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020855.D
Acq: 04 Feb 2021 10:31

Tgt Ion: 95 Resp: 206756
Ion Ratio Lower Upper
95 100
174 82.1 0.0 154.6
176 77.8 0.0 155.8

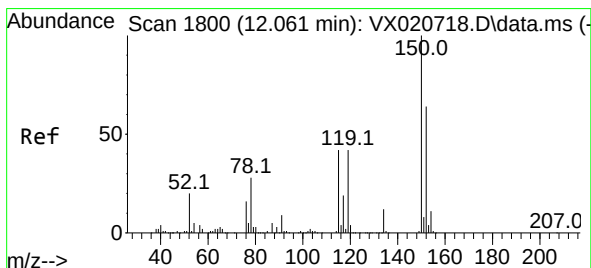
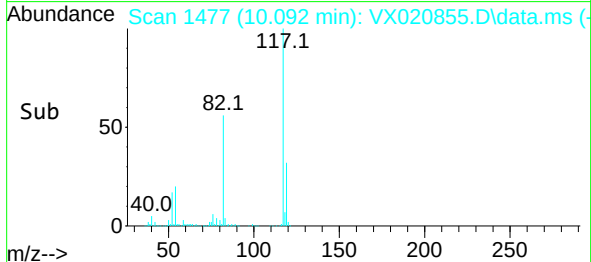
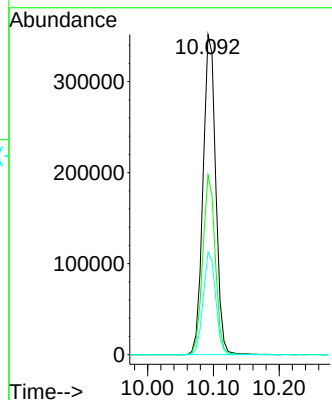
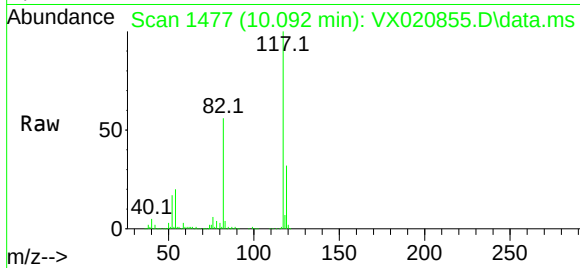




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VX020855.D
Acq: 04 Feb 2021 10:31

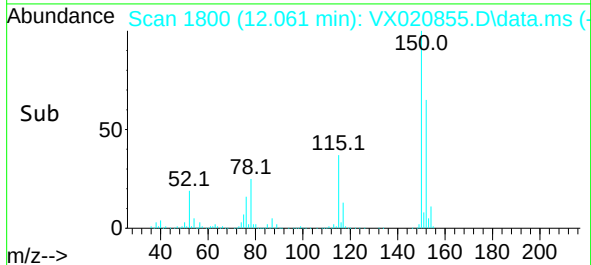
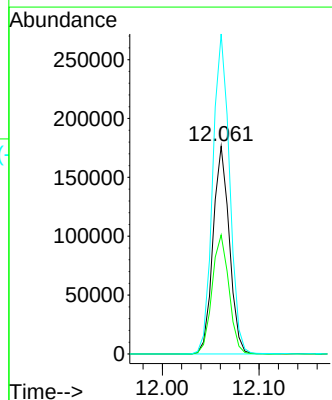
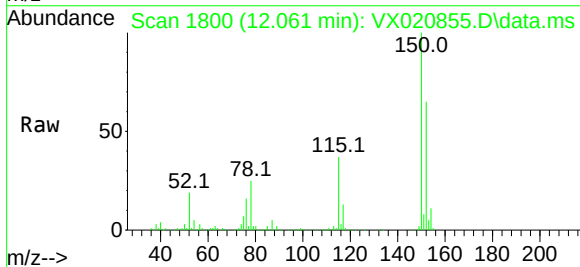
Instrument :
MSVOA_X
ClientSampleId :
VX0204MBL01

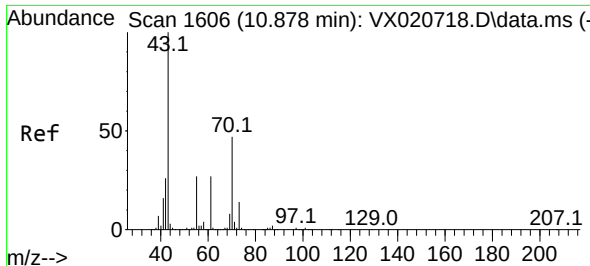
Tgt Ion:117 Resp: 471584
Ion Ratio Lower Upper
117 100
82 56.1 47.4 71.2
119 32.1 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020855.D
Acq: 04 Feb 2021 10:31

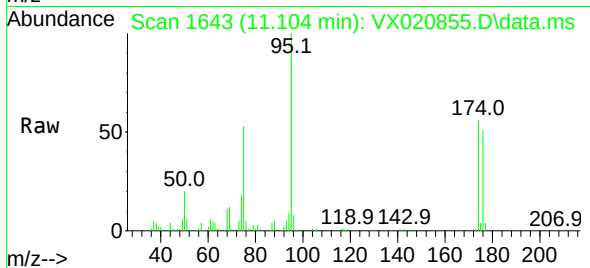
Tgt Ion:152 Resp: 206812
Ion Ratio Lower Upper
152 100
115 59.1 41.1 123.3
150 158.5 0.0 349.0



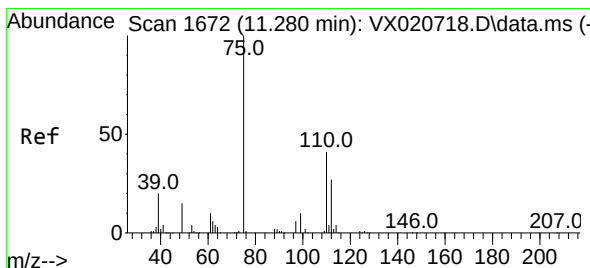
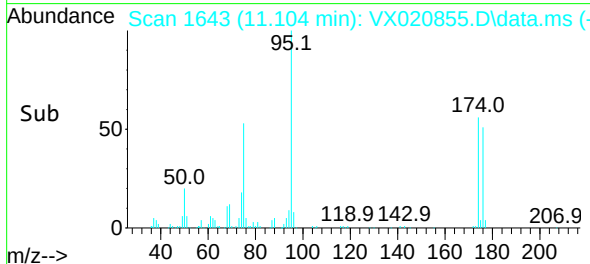
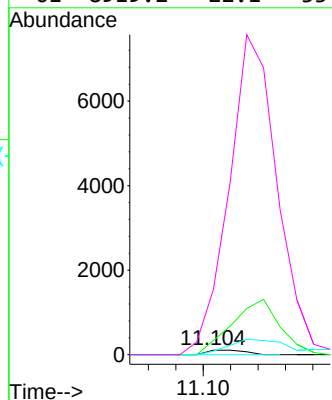


#74
N-amy1 acetate
Concen: 2.03 ug/l
RT: 11.104 min Scan# 1643
Delta R.T. 0.226 min
Lab File: VX020855.D
Acq: 04 Feb 2021 10:31

Instrument :
MSVOA_X
ClientSampleId :
VX0204MBL01

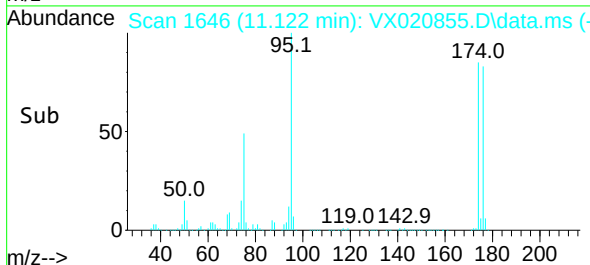
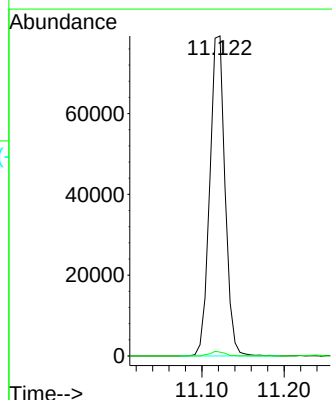
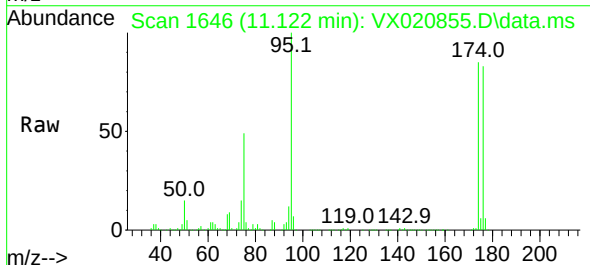


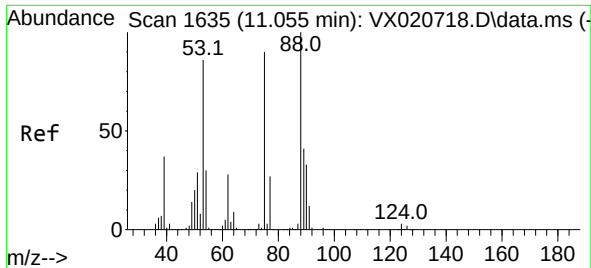
Tgt Ion: 43 Resp: 104
Ion Ratio Lower Upper
43 100
70 1535.6 39.0 58.6#
55 579.8 21.5 32.3#
61 8919.2 22.1 33.1#



#76
1,2,3-Trichloropropane
Concen: 21.33 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.158 min
Lab File: VX020855.D
Acq: 04 Feb 2021 10:31

Tgt Ion: 75 Resp: 102319
Ion Ratio Lower Upper
75 100
77 1.4 19.1 57.5#

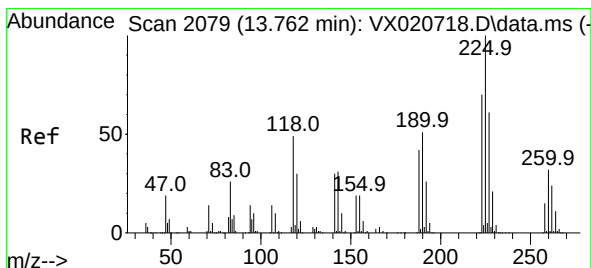
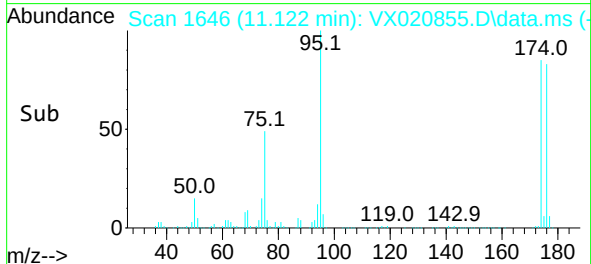
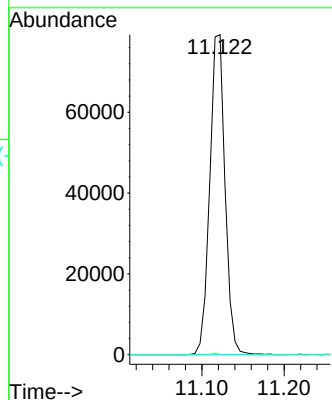
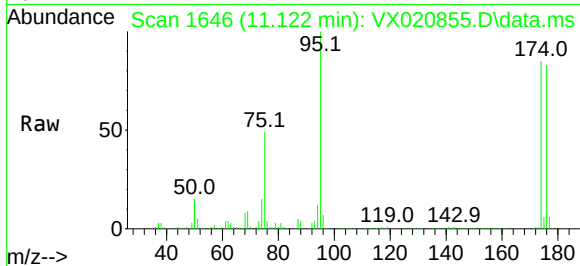




#81
trans-1,4-Dichloro-2-butene
Concen: 59.78 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.067 min
Lab File: VX020855.D
Acq: 04 Feb 2021 10:31

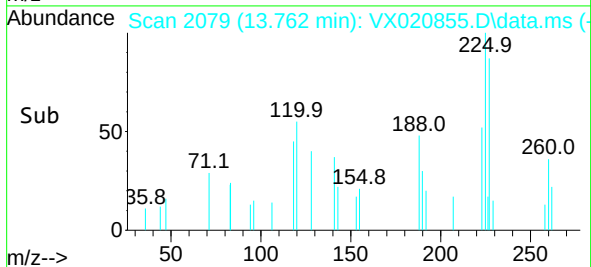
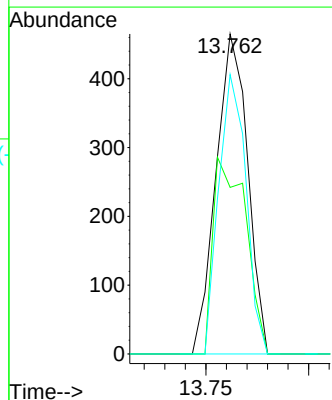
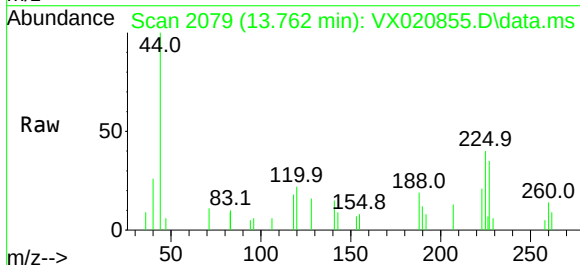
Instrument :
MSVOA_X
ClientSampleId :
VX0204MBL01

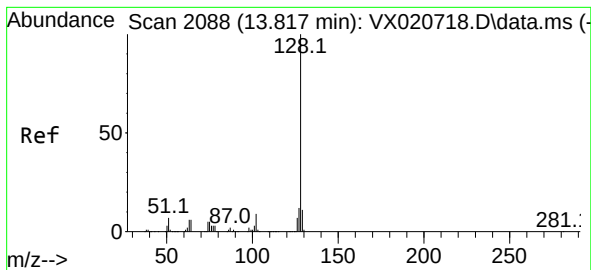
Tgt Ion: 75 Resp: 102319
Ion Ratio Lower Upper
75 100
53 0.2 74.5 111.7#
89 0.0 37.9 56.9#



#94
Hexachlorobutadiene
Concen: 0.24 ug/l
RT: 13.762 min Scan# 2079
Delta R.T. -0.000 min
Lab File: VX020855.D
Acq: 04 Feb 2021 10:31

Tgt Ion: 225 Resp: 497
Ion Ratio Lower Upper
225 100
223 63.4 31.1 93.2
227 75.3 31.6 95.0





#95
Naphthalene
Concen: 2.94 ug/l
RT: 13.817 min Scan# 2088
Delta R.T. -0.000 min
Lab File: VX020855.D
Acq: 04 Feb 2021 10:31

Instrument :
MSVOA_X
ClientSampleId :
VX0204MBL01

Tgt Ion:128 Resp: 1174
Ion Ratio Lower Upper
128 100
127 5.5 10.3 15.5#
129 10.1 8.8 13.2

