

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031121\
 Data File : VX021153.D
 Acq On : 11 Mar 2021 13:58
 Operator : JC/MD
 Sample : M1619-08 200X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 12 02:19:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022421W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 24 13:50:55 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.635	168	206806	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.829	114	375177	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	368323	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	176869	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	133790	47.89	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	95.78%
35) Dibromofluoromethane	5.464	113	115988	50.88	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	101.76%
50) Toluene-d8	8.694	98	470756	52.97	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	105.94%
62) 4-Bromofluorobenzene	11.118	95	181431	55.21	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	110.42%

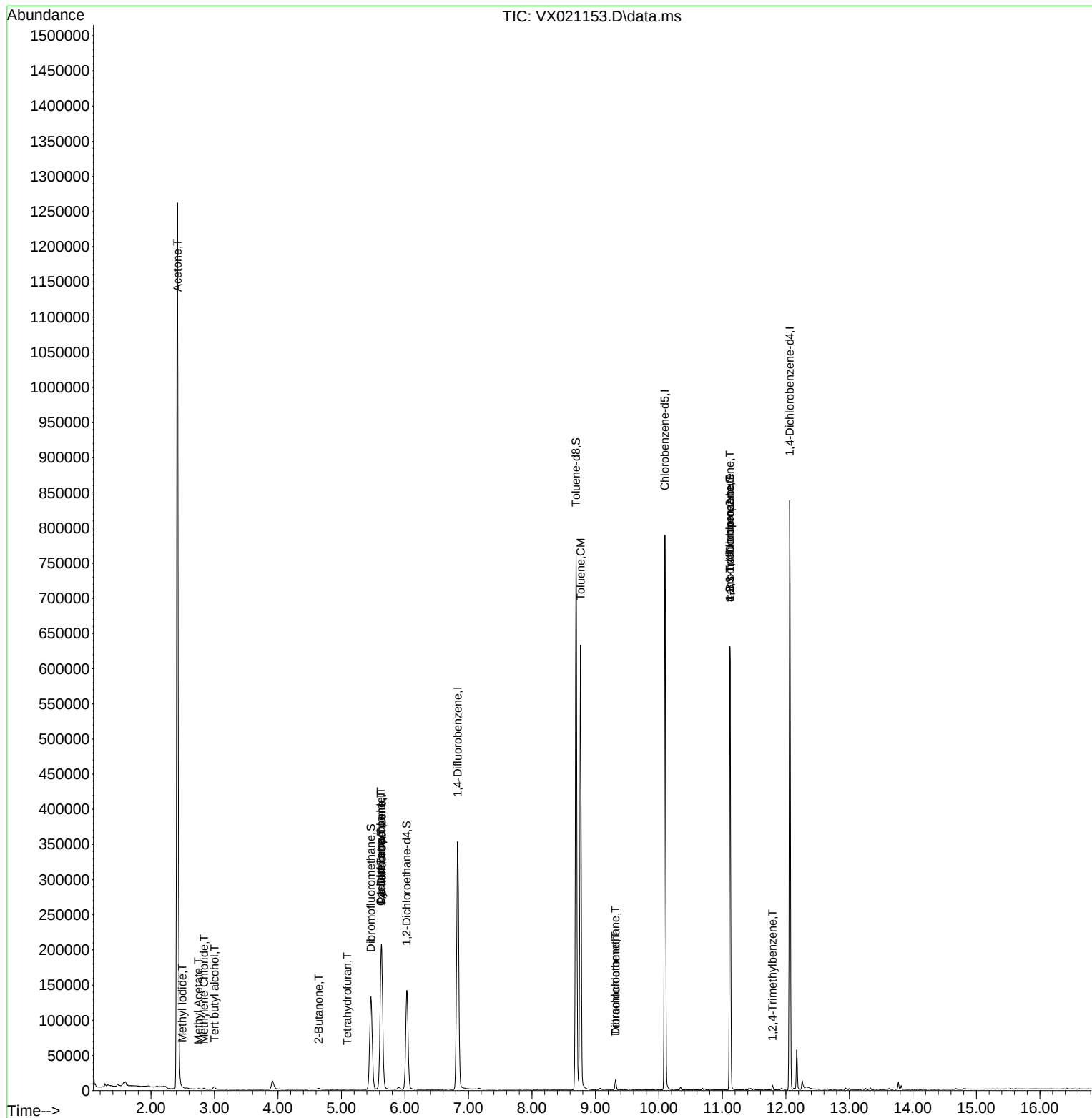
Target Compounds					Qvalue
5) Bromomethane	1.634	94	550	Below Cal	# 57
10) Methyl Iodide	2.493	142	717	0.24 ug/l	# 92
11) Tert butyl alcohol	2.999	59	2360	3.79 ug/l	# 81
16) Acetone	2.417	43	1290426	1121.11 ug/l	# 100
18) Methyl Acetate	2.746	43	1027	0.38 ug/l	# 86
20) Methylene Chloride	2.834	84	816	0.30 ug/l	# 93
25) 2-Butanone	4.641	43	1400	0.80 ug/l	# 82
29) Tetrahydrofuran	5.094	42	297	0.26 ug/l	# 27
31) Cyclohexane	5.623	56	4091	1.01 ug/l	# 1
36) 1,1-Dichloropropene	5.623	75	16157	4.53 ug/l	# 48
38) Carbon Tetrachloride	5.623	117	19378	5.61 ug/l	# 16
52) Toluene	8.765	92	240257	36.09 ug/l	# 98
60) Dibromochloromethane	9.318	129	2503	0.90 ug/l	# 11
64) Tetrachloroethene	9.318	164	2583	0.97 ug/l	# 95
76) 1,2,3-Trichloropropane	11.118	75	87456	22.98 ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.118	75	87456	50.89 ug/l	# 12
84) 1,2,4-Trimethylbenzene	11.789	105	2817	0.24 ug/l	# 100

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

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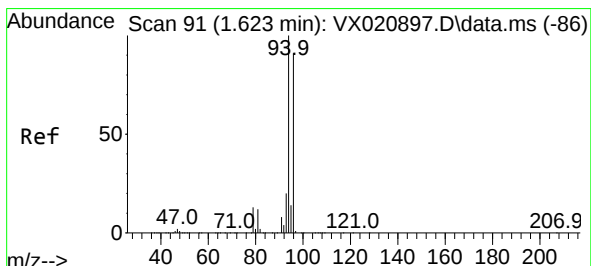
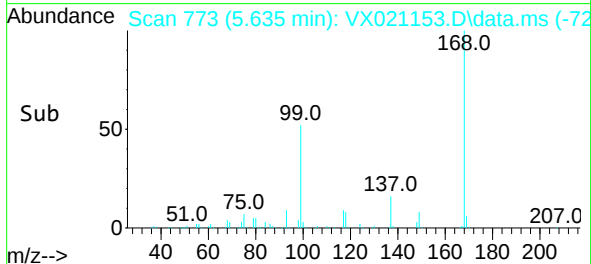
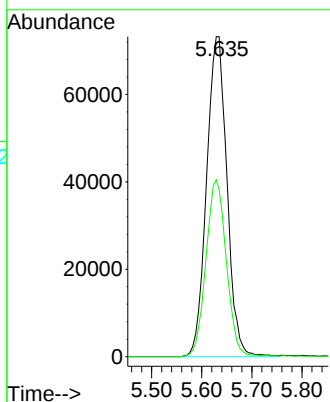
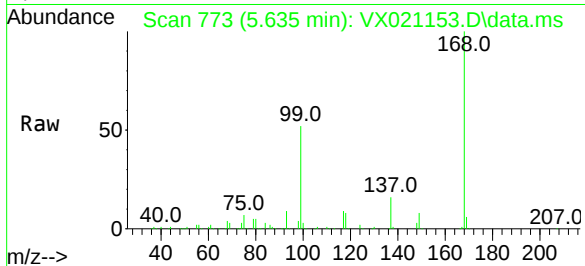




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.635 min Scan# 773
Delta R.T. 0.012 min
Lab File: VX021153.D
Acq: 11 Mar 2021 13:58

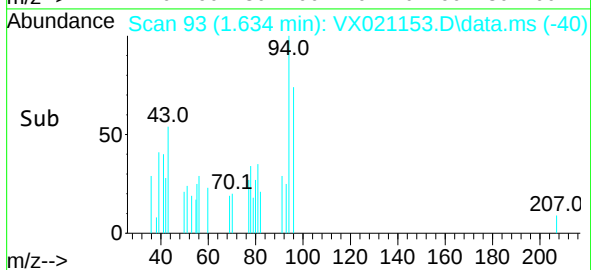
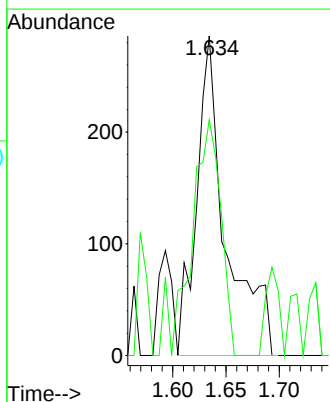
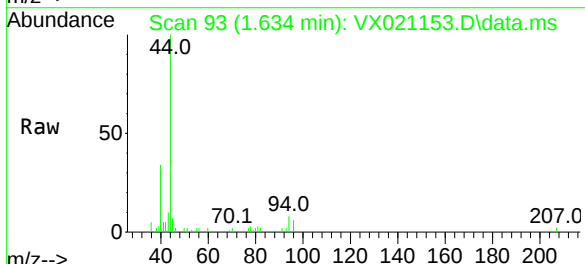
Instrument :
MSVOA_X
ClientSampleId :

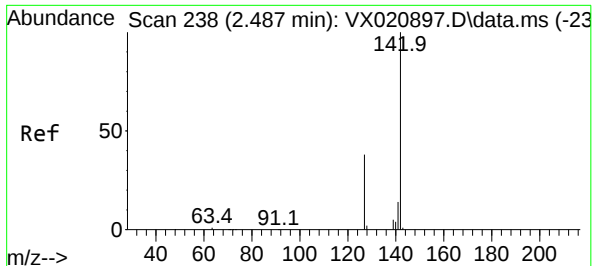
Tgt Ion:168 Resp: 206806
Ion Ratio Lower Upper
168 100
99 52.2 45.8 68.6



#5
Bromomethane
Concen: Below Cal
RT: 1.634 min Scan# 93
Delta R.T. 0.011 min
Lab File: VX021153.D
Acq: 11 Mar 2021 13:58

Tgt Ion: 94 Resp: 550
Ion Ratio Lower Upper
94 100
96 53.5 76.4 114.6#

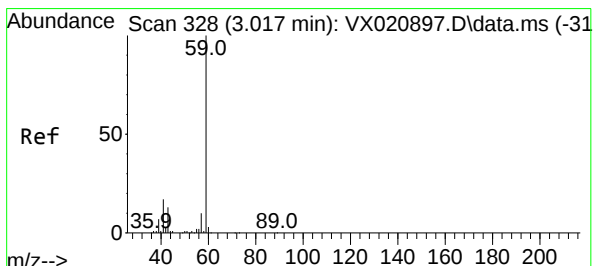
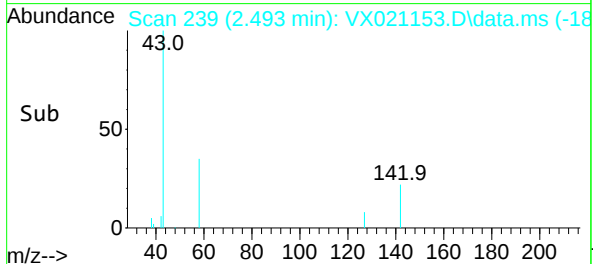
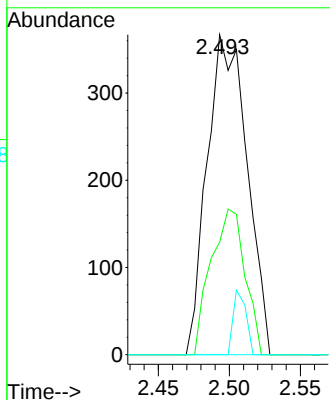
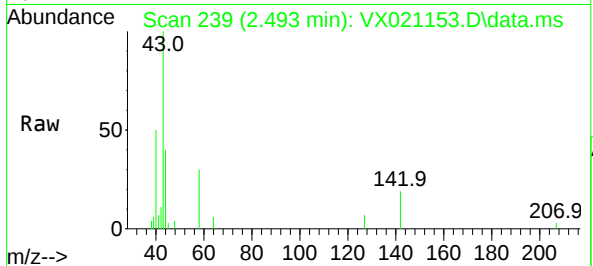




#10
Methyl Iodide
Concen: 0.24 ug/l
RT: 2.493 min Scan# 239
Delta R.T. 0.006 min
Lab File: VX021153.D
Acq: 11 Mar 2021 13:58

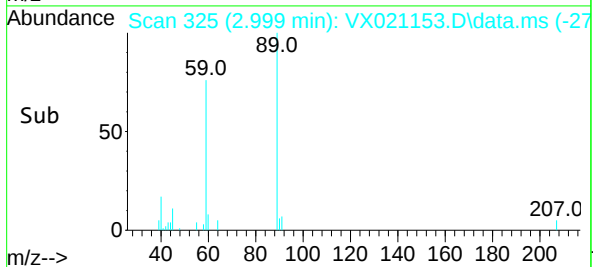
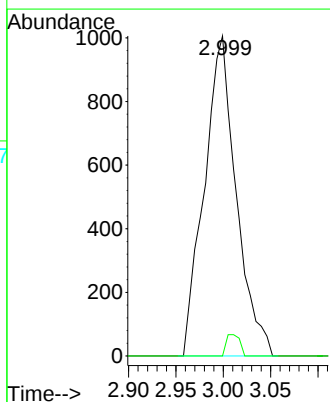
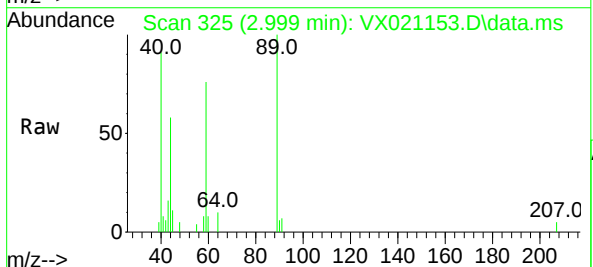
Instrument :
MSVOA_X
ClientSampled :

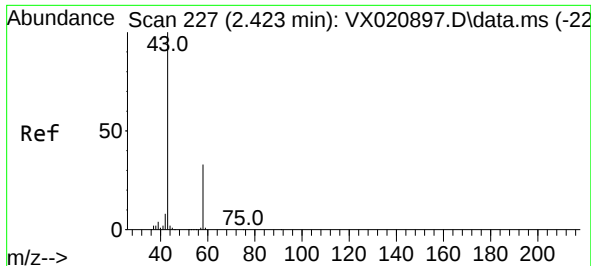
Tgt Ion:142 Resp: 717
Ion Ratio Lower Upper
142 100
127 38.9 33.3 49.9
141 6.4 11.4 17.0#



#11
Tert butyl alcohol
Concen: 3.79 ug/l
RT: 2.999 min Scan# 325
Delta R.T. -0.018 min
Lab File: VX021153.D
Acq: 11 Mar 2021 13:58

Tgt Ion: 59 Resp: 2360
Ion Ratio Lower Upper
59 100
57 2.8 7.8 11.8#

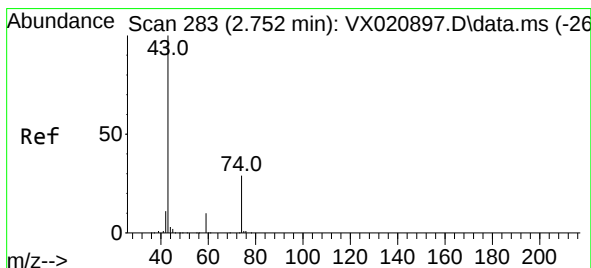
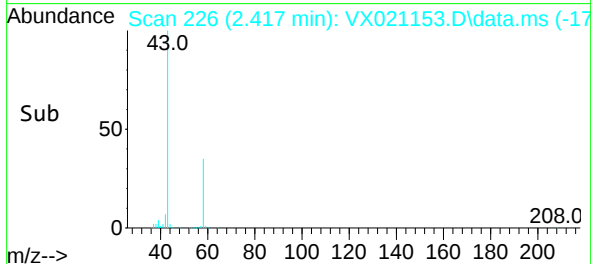
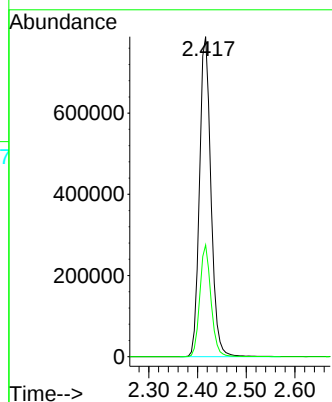
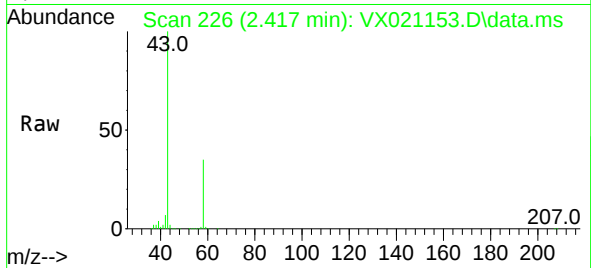




#16
Acetone
Concen: 1121.11 ug/l
RT: 2.417 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX021153.D
Acq: 11 Mar 2021 13:58

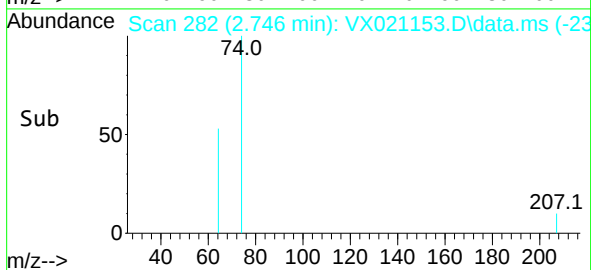
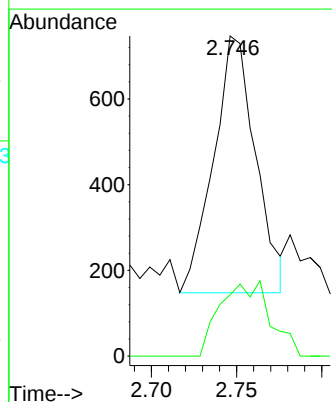
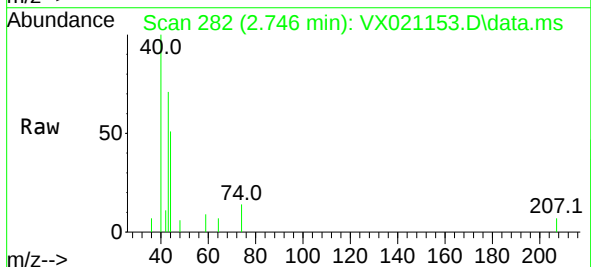
Instrument :
MSVOA_X
ClientSampled :

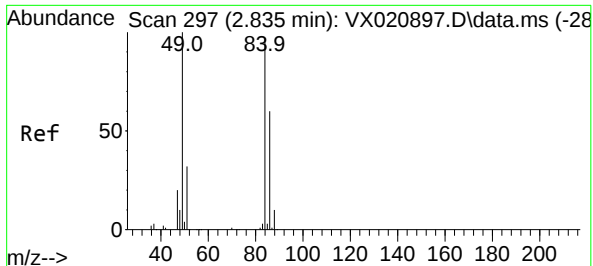
Tgt Ion: 43 Resp: 1290426
Ion Ratio Lower Upper
43 100
58 34.9 27.8 41.8



#18
Methyl Acetate
Concen: 0.38 ug/l
RT: 2.746 min Scan# 282
Delta R.T. -0.006 min
Lab File: VX021153.D
Acq: 11 Mar 2021 13:58

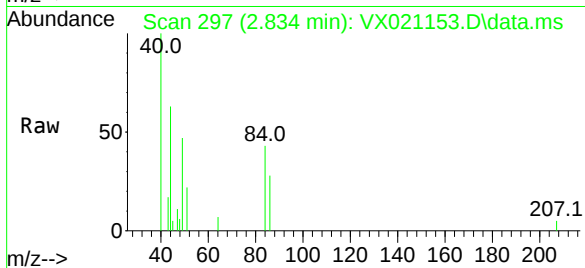
Tgt Ion: 43 Resp: 1027
Ion Ratio Lower Upper
43 100
74 34.6 21.9 32.9#



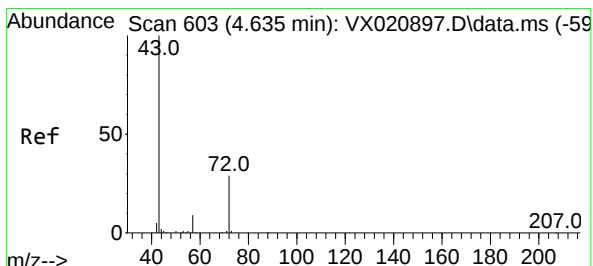
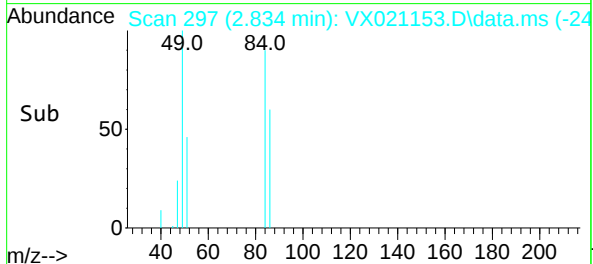
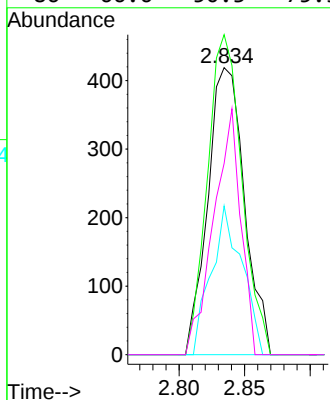


#20
Methylene Chloride
Concen: 0.30 ug/l
RT: 2.834 min Scan# 297
Delta R.T. -0.000 min
Lab File: VX021153.D
Acq: 11 Mar 2021 13:58

Instrument :
MSVOA_X
ClientSampleId :

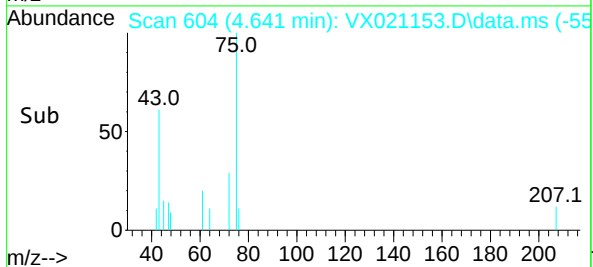
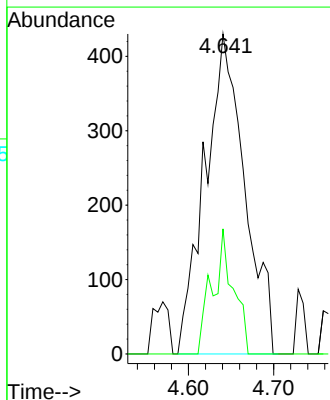
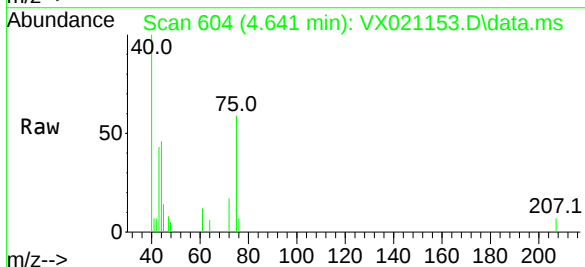


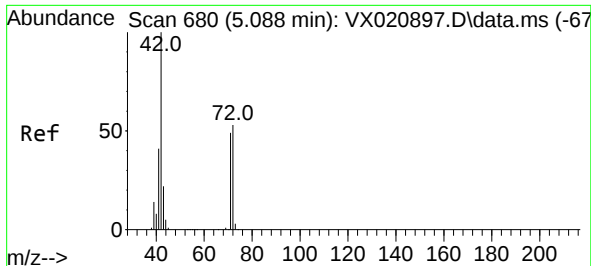
Tgt Ion:	84	Resp:	816
Ion	Ratio	Lower	Upper
84	100		
49	111.5	88.6	132.8
51	51.8	27.0	40.6#
86	66.6	50.3	75.5



#25
2-Butanone
Concen: 0.80 ug/l
RT: 4.641 min Scan# 604
Delta R.T. 0.006 min
Lab File: VX021153.D
Acq: 11 Mar 2021 13:58

Tgt Ion:	43	Resp:	1400
Ion	Ratio	Lower	Upper
43	100		
72	39.1	23.7	35.5#





#29

Tetrahydrofuran

Concen: 0.26 ug/l

RT: 5.094 min Scan# 681

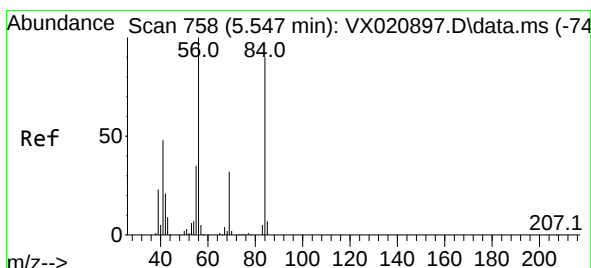
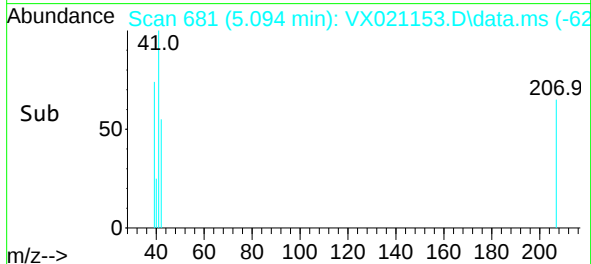
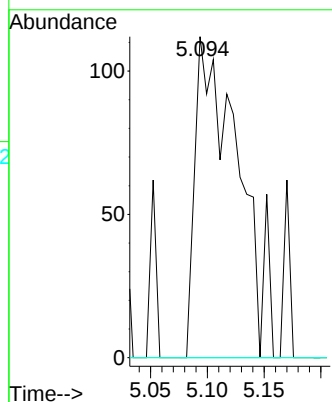
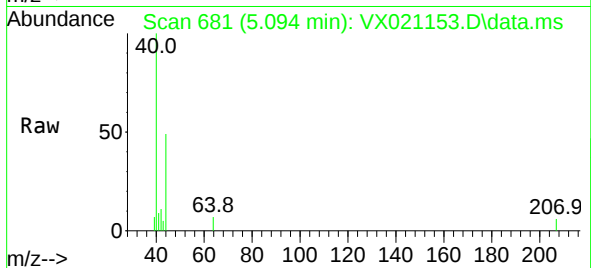
Delta R.T. 0.006 min

Lab File: VX021153.D

Acq: 11 Mar 2021 13:58

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion:	42	Resp:	297
Ion	Ratio	Lower	Upper
42	100		
72	0.0	41.7	62.5#
71	0.0	38.4	57.6#



#31

Cyclohexane

Concen: 1.01 ug/l

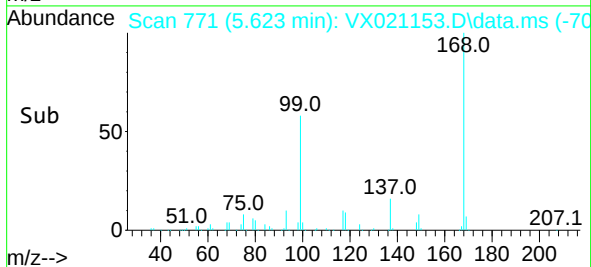
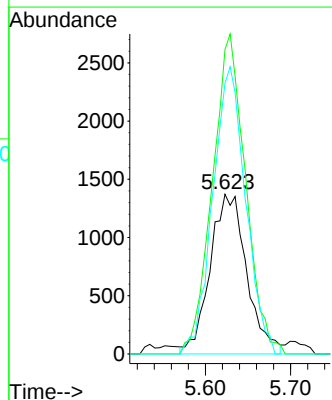
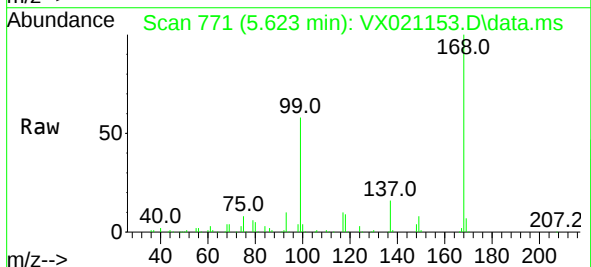
RT: 5.623 min Scan# 771

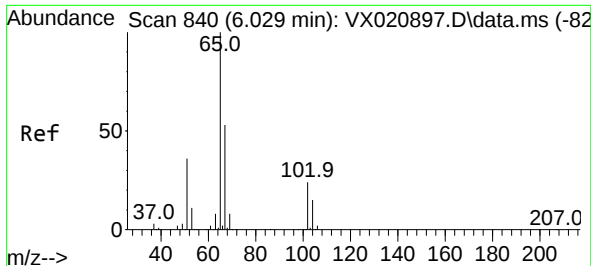
Delta R.T. 0.076 min

Lab File: VX021153.D

Acq: 11 Mar 2021 13:58

Tgt Ion:	56	Resp:	4091
Ion	Ratio	Lower	Upper
56	100		
69	199.6	25.3	37.9#
84	177.5	71.4	107.0#

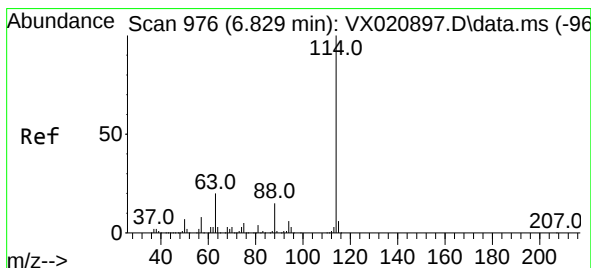
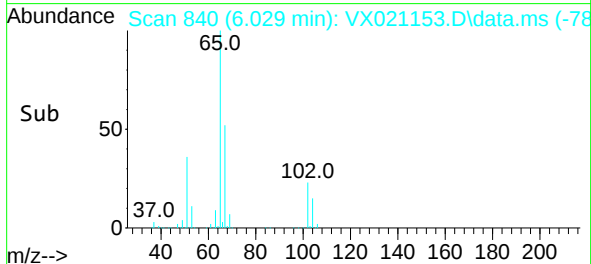
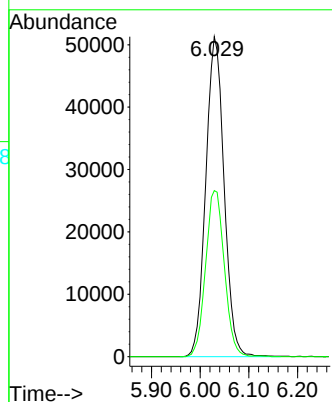
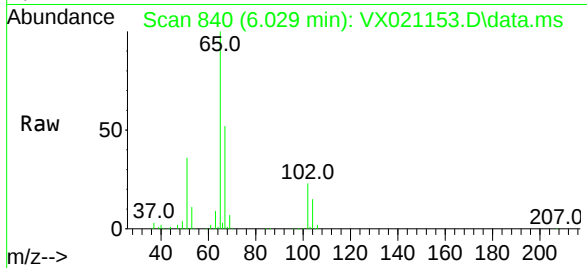




#33
 1,2-Dichloroethane-d4
 Concen: 47.89 ug/l
 RT: 6.029 min Scan# 840
 Delta R.T. -0.000 min
 Lab File: VX021153.D
 Acq: 11 Mar 2021 13:58

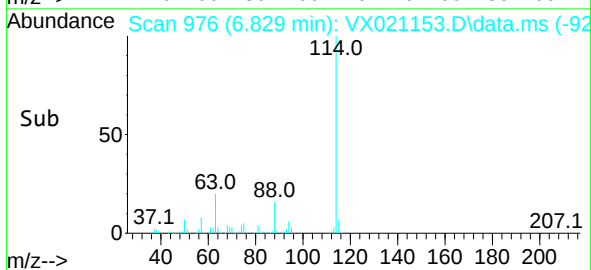
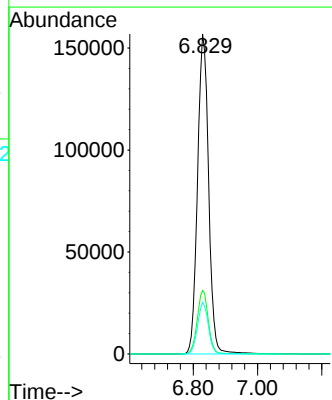
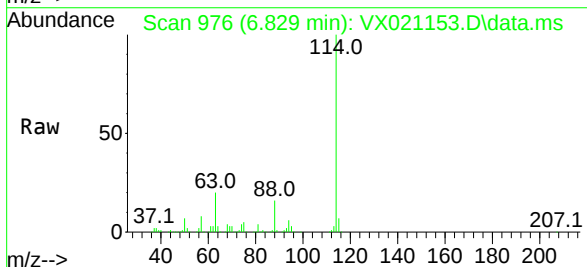
Instrument :
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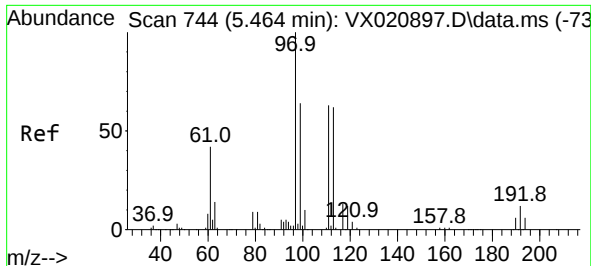
Tgt Ion: 65 Resp: 133790
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.829 min Scan# 976
 Delta R.T. -0.000 min
 Lab File: VX021153.D
 Acq: 11 Mar 2021 13:58

Tgt Ion: 114 Resp: 375177
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 40.8
 88 16.2 0.0 32.8

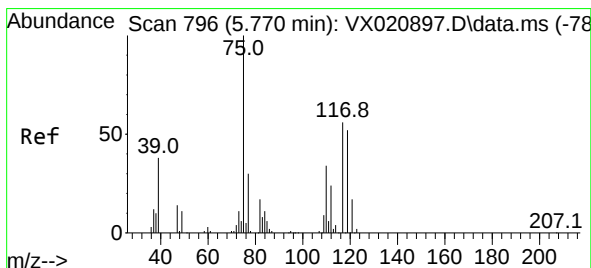
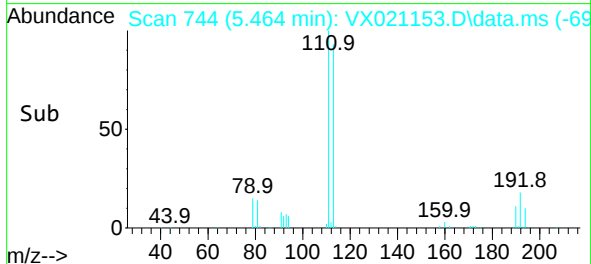
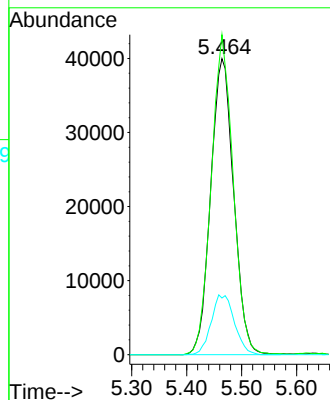
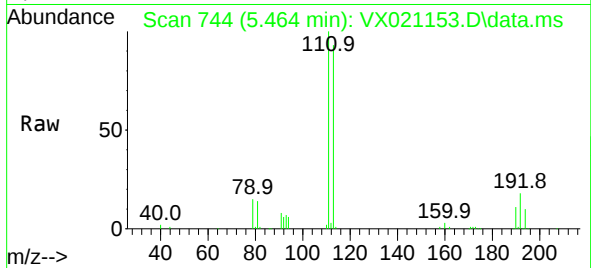




#35
Dibromofluoromethane
Concen: 50.88 ug/l
RT: 5.464 min Scan# 744
Delta R.T. -0.000 min
Lab File: VX021153.D
Acq: 11 Mar 2021 13:58

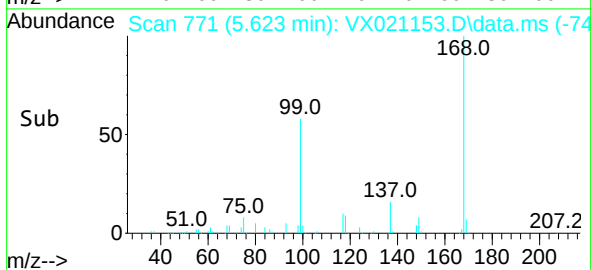
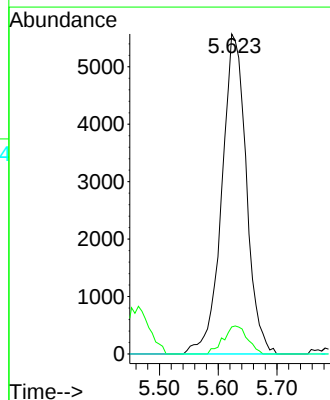
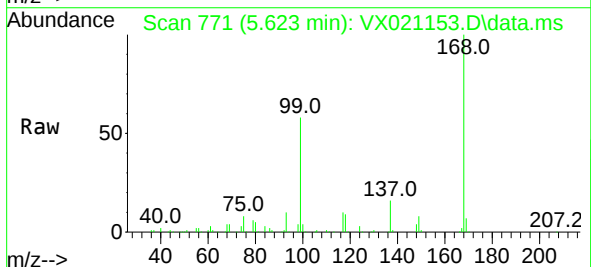
Instrument :
MSVOA_X
ClientSampleId :

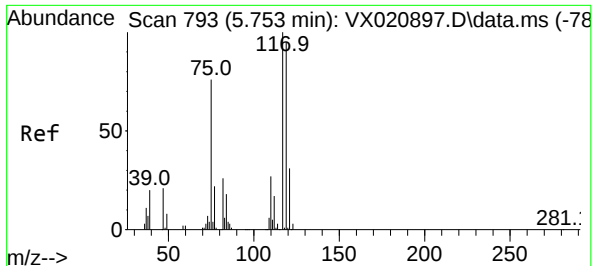
Tgt Ion:113 Resp: 115988
Ion Ratio Lower Upper
113 100
111 102.9 81.9 122.9
192 20.4 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.53 ug/l
RT: 5.623 min Scan# 771
Delta R.T. -0.147 min
Lab File: VX021153.D
Acq: 11 Mar 2021 13:58

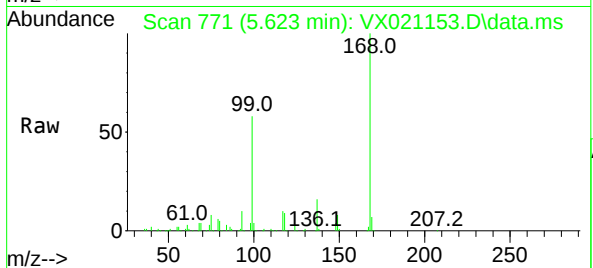
Tgt Ion: 75 Resp: 16157
Ion Ratio Lower Upper
75 100
110 8.5 18.1 54.4#
77 0.0 25.3 37.9#



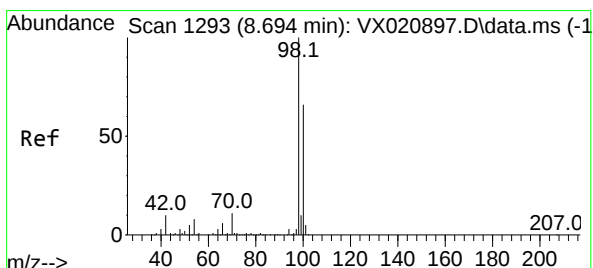
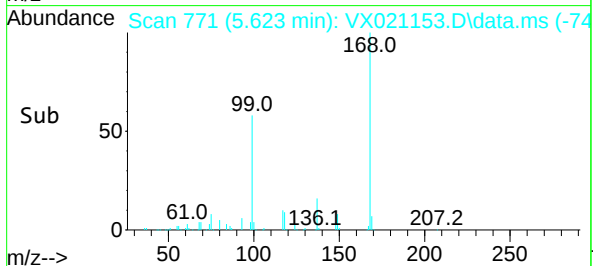
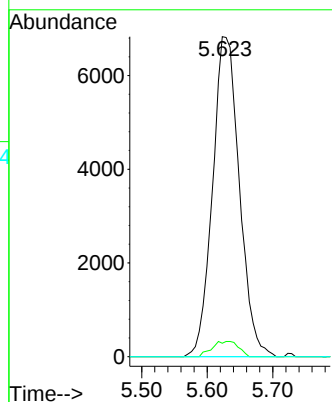


#38
Carbon Tetrachloride
Concen: 5.61 ug/l
RT: 5.623 min Scan# 771
Delta R.T. -0.130 min
Lab File: VX021153.D
Acq: 11 Mar 2021 13:58

Instrument :
MSVOA_X
ClientSampleId :

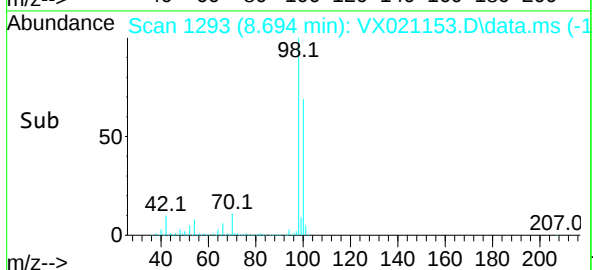
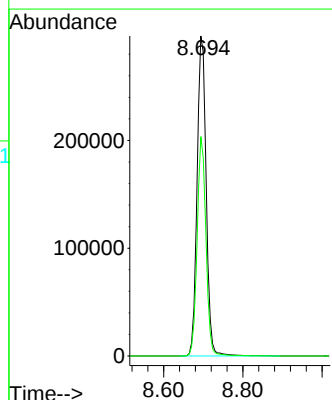
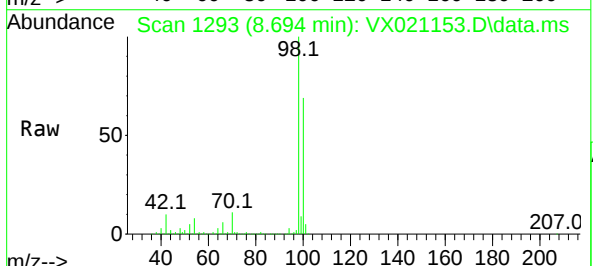


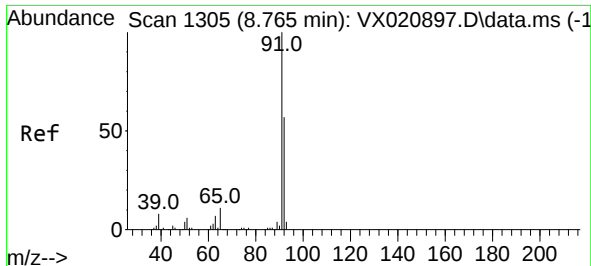
Tgt Ion:117 Resp: 19378
Ion Ratio Lower Upper
117 100
119 4.2 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 52.97 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX021153.D
Acq: 11 Mar 2021 13:58

Tgt Ion: 98 Resp: 470756
Ion Ratio Lower Upper
98 100
100 66.5 51.9 77.9

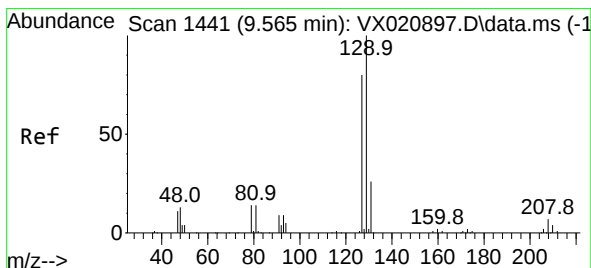
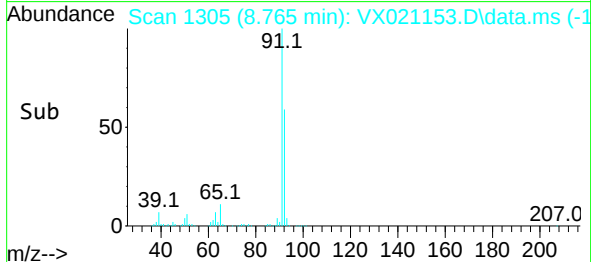
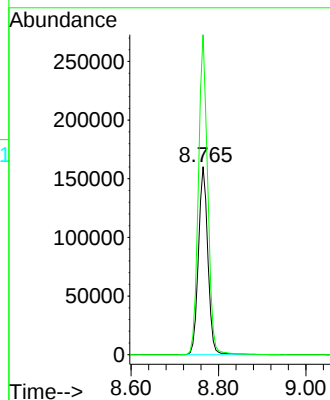
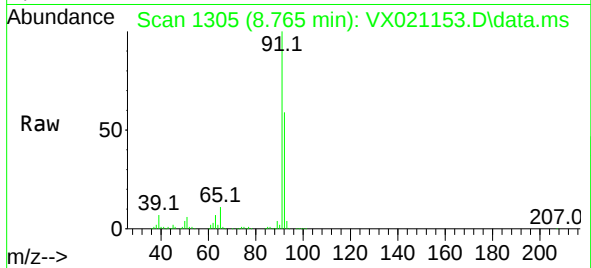




#52
Toluene
Concen: 36.09 ug/l
RT: 8.765 min Scan# 1305
Delta R.T. -0.000 min
Lab File: VX021153.D
Acq: 11 Mar 2021 13:58

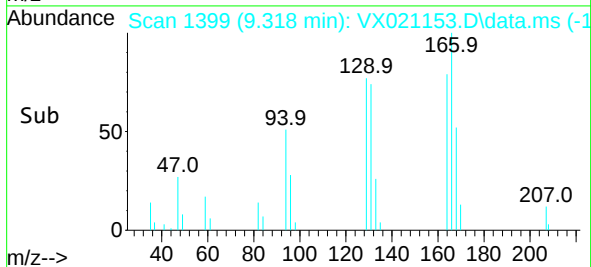
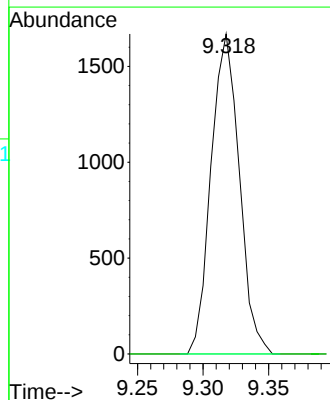
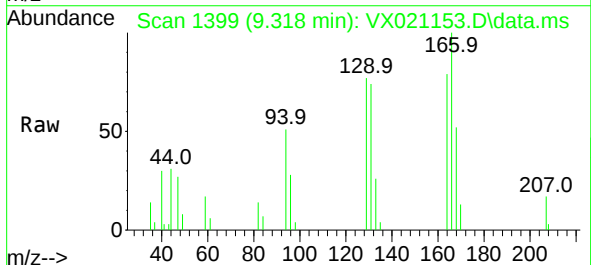
Instrument :
MSVOA_X
ClientSampled :

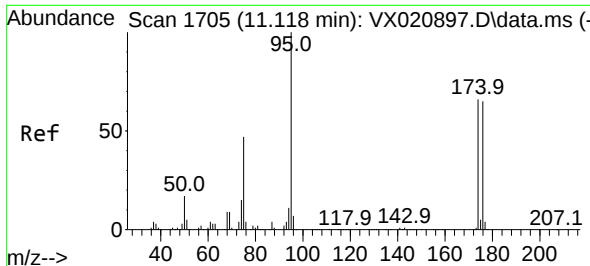
Tgt Ion: 92 Resp: 240257
Ion Ratio Lower Upper
92 100
91 168.4 137.1 205.7



#60
Dibromochloromethane
Concen: 0.90 ug/l
RT: 9.318 min Scan# 1399
Delta R.T. -0.247 min
Lab File: VX021153.D
Acq: 11 Mar 2021 13:58

Tgt Ion: 129 Resp: 2503
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

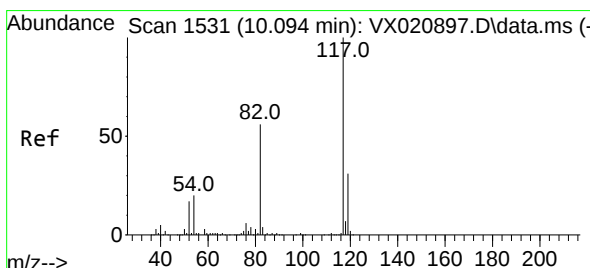
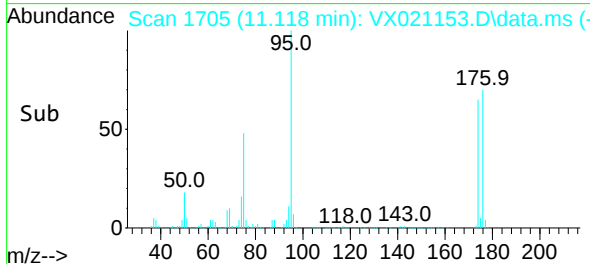
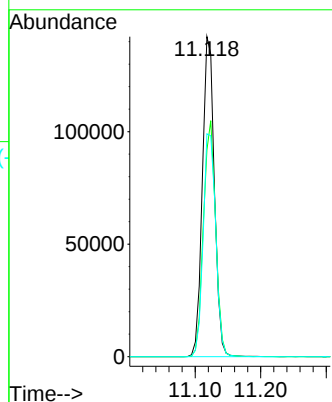
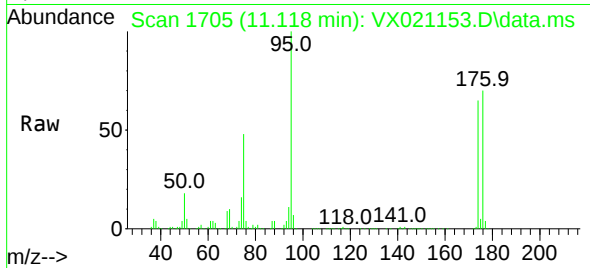




#62
4-Bromofluorobenzene
Concen: 55.21 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021153.D
Acq: 11 Mar 2021 13:58

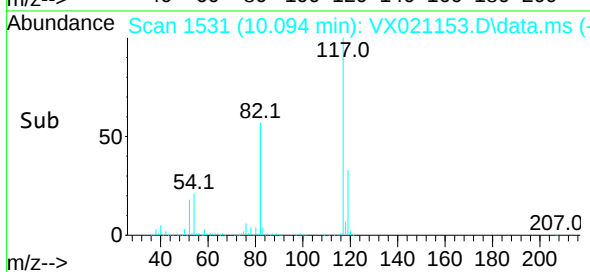
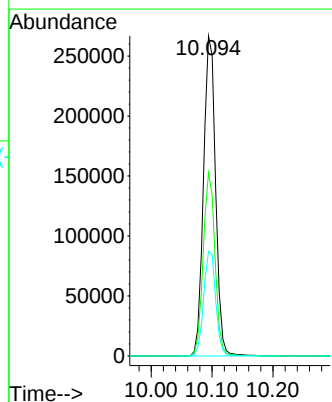
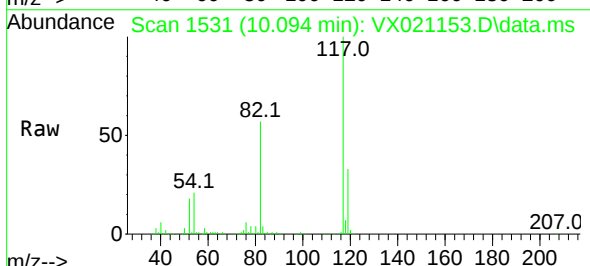
Instrument :
MSVOA_X
ClientSampled :

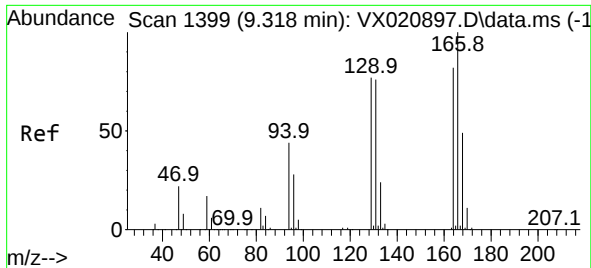
Tgt Ion: 95 Resp: 181431
Ion Ratio Lower Upper
95 100
174 75.0 0.0 154.6
176 73.1 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VX021153.D
Acq: 11 Mar 2021 13:58

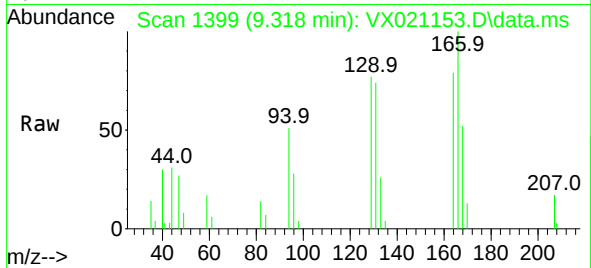
Tgt Ion: 117 Resp: 368323
Ion Ratio Lower Upper
117 100
82 57.3 47.4 71.2
119 32.7 26.6 39.8



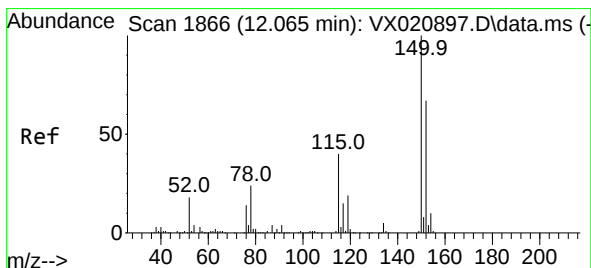
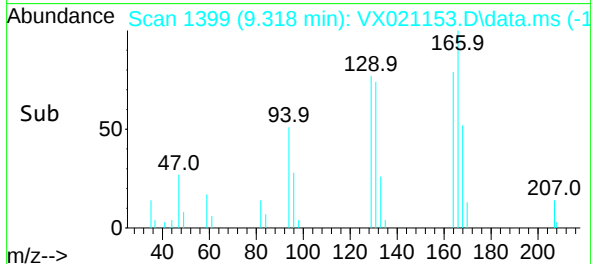
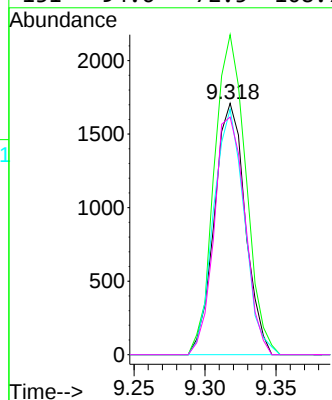


#64
Tetrachloroethene
Concen: 0.97 ug/l
RT: 9.318 min Scan# 1399
Delta R.T. -0.000 min
Lab File: VX021153.D
Acq: 11 Mar 2021 13:58

Instrument :
MSVOA_X
ClientSampled :

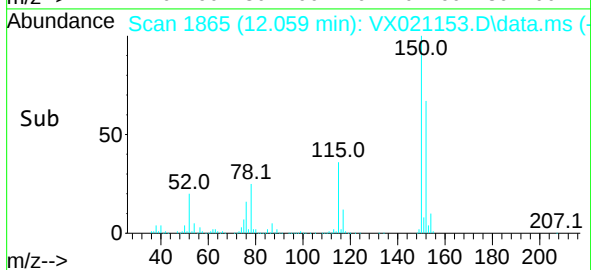
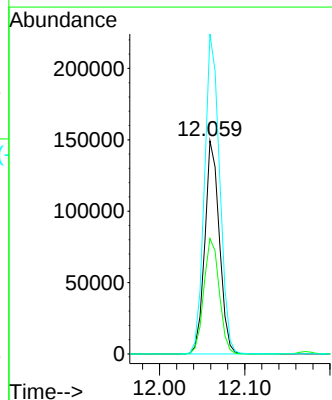
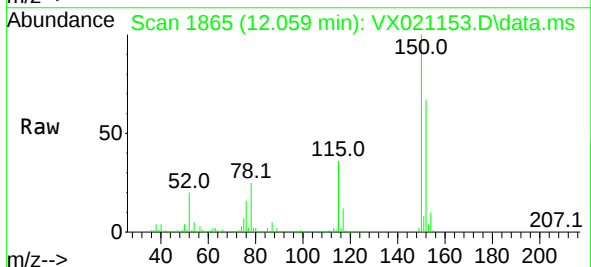


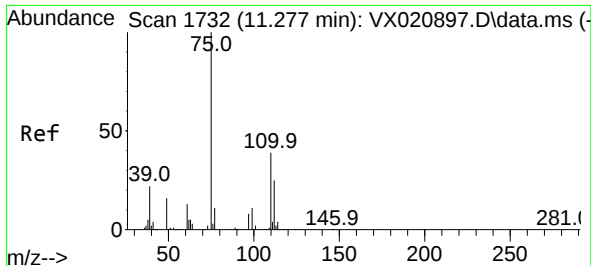
Tgt Ion:164	Resp:	2583
Ion	Ratio	Lower Upper
164	100	
166	127.3	103.4 155.2
129	97.7	70.8 106.2
131	94.6	72.5 108.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. -0.006 min
Lab File: VX021153.D
Acq: 11 Mar 2021 13:58

Tgt Ion:152	Resp:	176869
Ion	Ratio	Lower Upper
152	100	
115	57.2	41.1 123.3
150	156.5	0.0 349.0

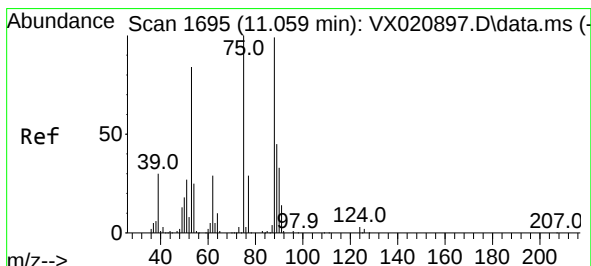
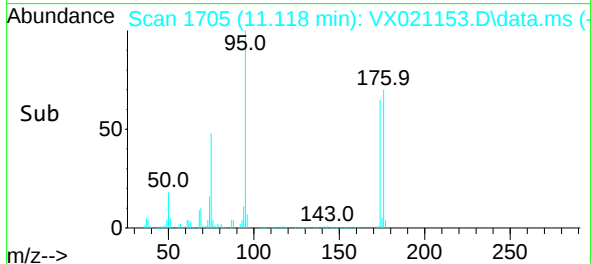
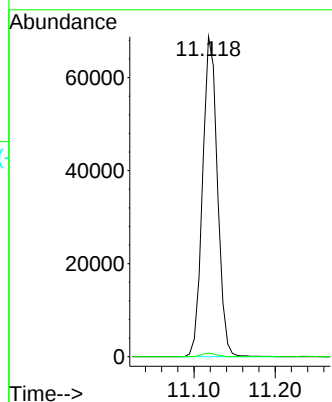
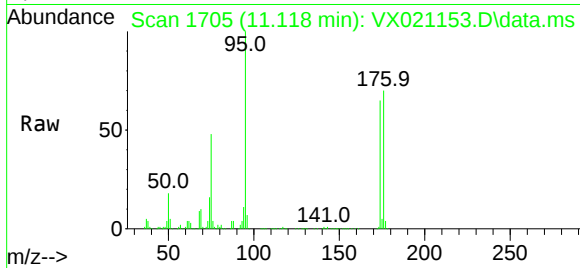




#76
1,2,3-Trichloropropane
Concen: 22.98 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021153.D
Acq: 11 Mar 2021 13:58

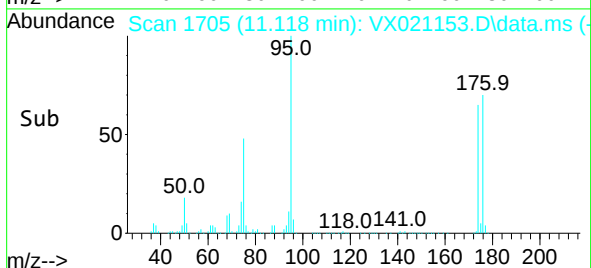
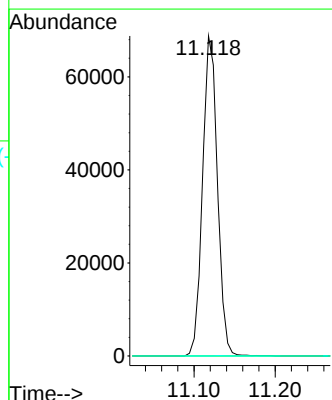
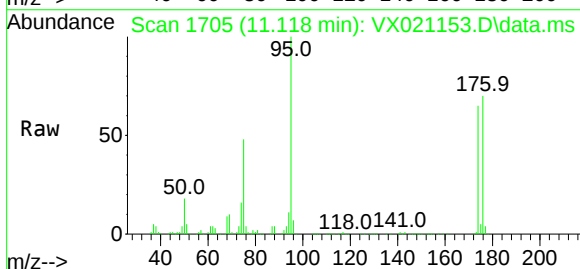
Instrument :
MSVOA_X
ClientSampled :

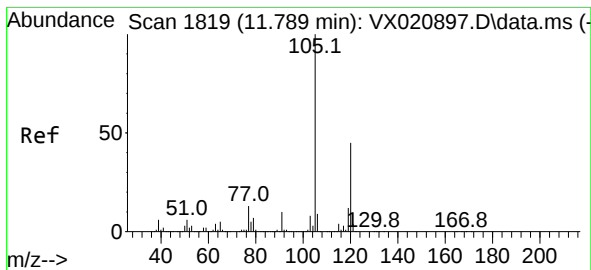
Tgt Ion: 75 Resp: 87456
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 50.89 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.059 min
Lab File: VX021153.D
Acq: 11 Mar 2021 13:58

Tgt Ion: 75 Resp: 87456
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#





#84
 1,2,4-Trimethylbenzene
 Concen: 0.24 ug/l
 RT: 11.789 min Scan# 1819
 Delta R.T. -0.000 min
 Lab File: VX021153.D
 Acq: 11 Mar 2021 13:58

Instrument :
 MSVOA_X
 ClientSampleId :

Tgt Ion:105 Resp: 2817
 Ion Ratio Lower Upper
 105 100
 120 45.2 22.4 67.3

