

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030922\
 Data File : VX027351.D
 Acq On : 09 Mar 2022 12:41
 Operator : JC/MD
 Sample : VX0309WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 10 00:33:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X030822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 08 15:54:34 2022
 Response via : Initial Calibration

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

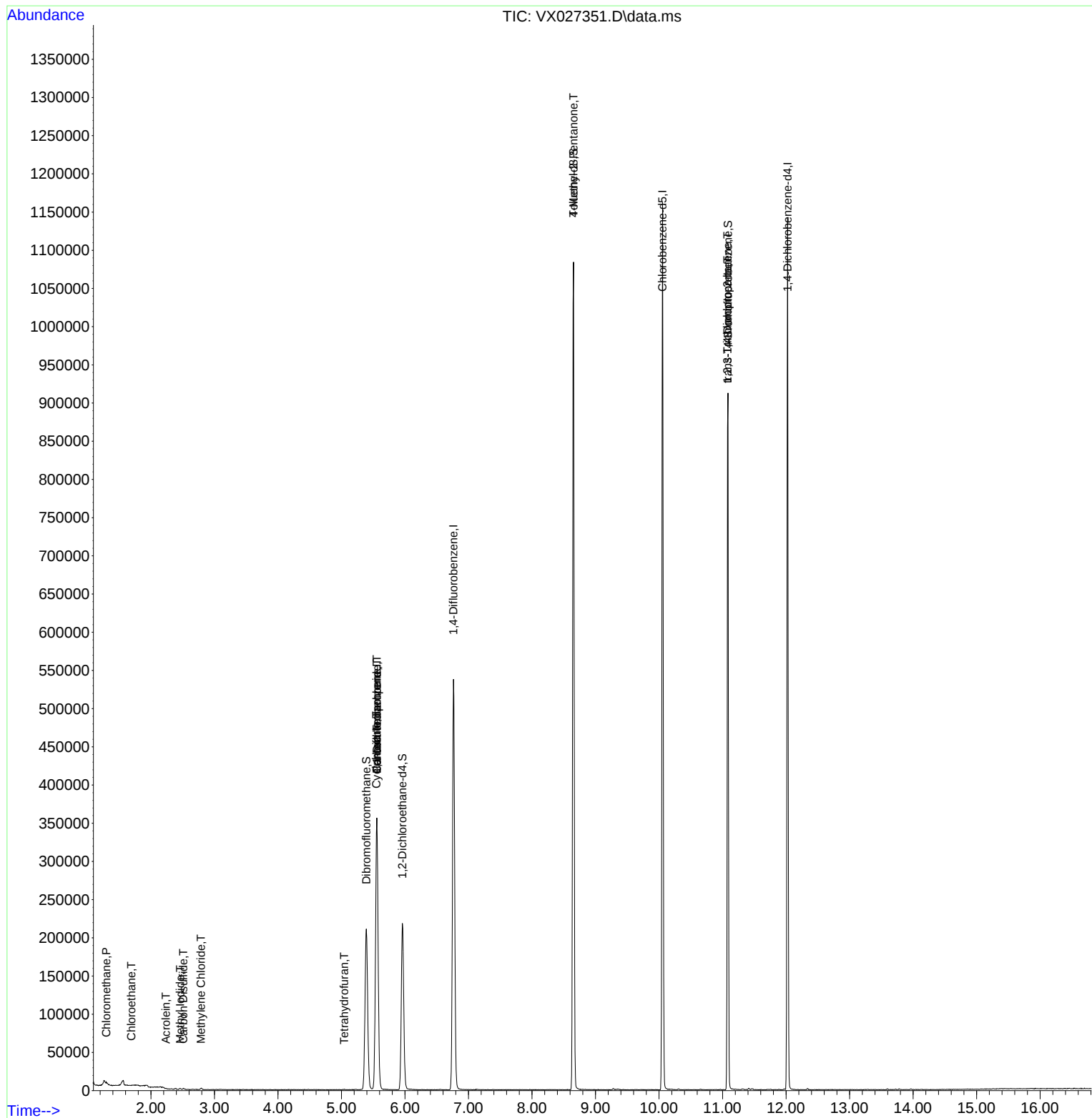
Internal Standards						
1) Pentafluorobenzene	5.556	168	333557	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	551441	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	501704	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	226715	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	218678	56.219	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 112.440%	
35) Dibromofluoromethane	5.391	113	182706	51.347	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 102.700%	
50) Toluene-d8	8.653	98	653237	48.628	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 97.260%	
62) 4-Bromofluorobenzene	11.085	95	234843	45.869	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 91.740%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	725	0.202	ug/l	93
5) Bromomethane	1.611	94	498	Below Cal	#	73
6) Chloroethane	1.690	64	347	0.600	ug/l	98
10) Methyl Iodide	2.459	142	1269	0.267	ug/l	90
13) Acrolein	2.233	56	194	0.363	ug/l	# 45
16) Acetone	2.373	43	1379	Below Cal	#	87
17) Carbon Disulfide	2.507	76	1813	0.206	ug/l	# 79
20) Methylene Chloride	2.788	84	851	0.224	ug/l	# 85
29) Tetrahydrofuran	5.044	42	367	0.207	ug/l	# 33
31) Cyclohexane	5.550	56	7133	1.311	ug/l	# 24
36) 1,1-Dichloropropene	5.556	75	25829	5.228	ug/l	# 50
38) Carbon Tetrachloride	5.556	117	34489	6.751	ug/l	# 15
51) 4-Methyl-2-Pentanone	8.653	43	2876	0.547	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	123429	24.814	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	123429	80.250	ug/l	# 15

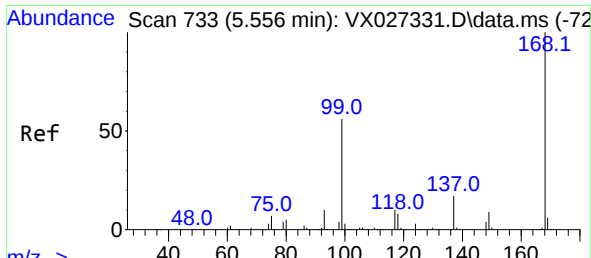
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X030822W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

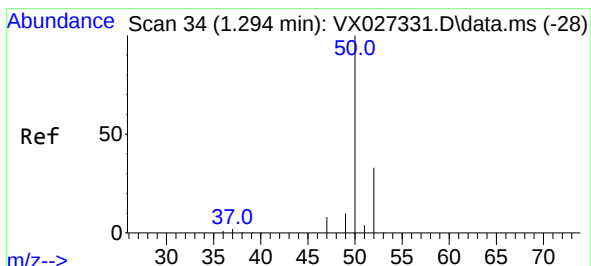
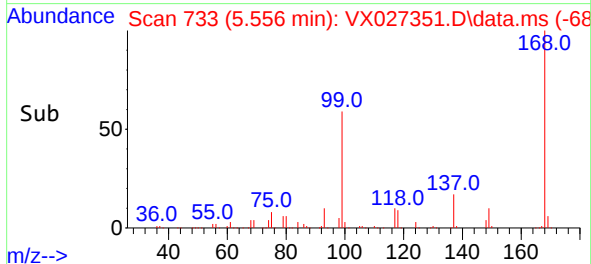
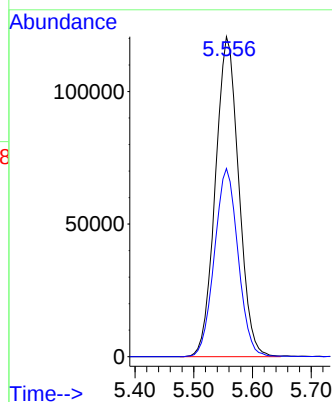
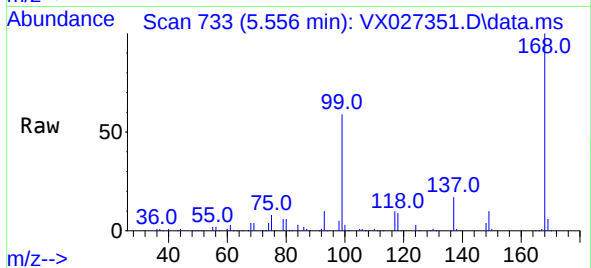




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027351.D
Acq: 09 Mar 2022 12:41

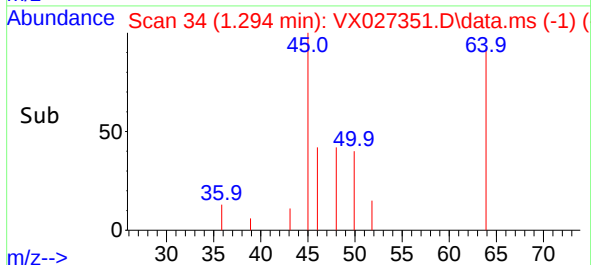
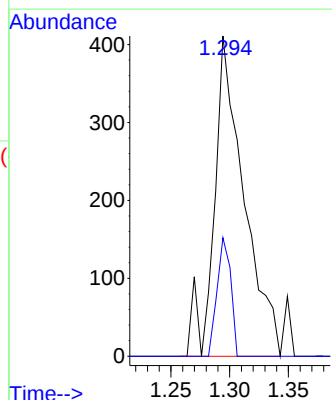
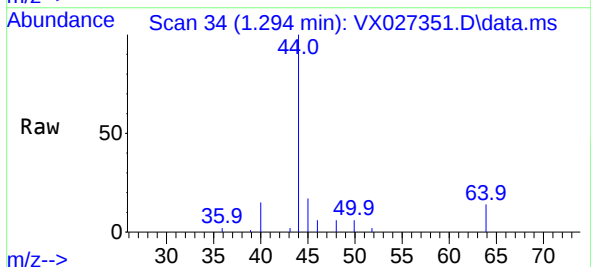
Instrument :
MSVOA_X
ClientSampleId :

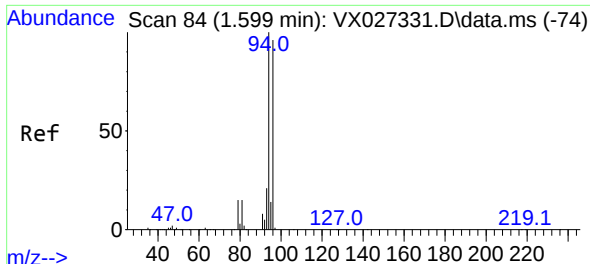
Tgt Ion:168 Resp: 333557
Ion Ratio Lower Upper
168 100
99 58.8 41.7 62.5



#3
Chloromethane
Concen: 0.202 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX027351.D
Acq: 09 Mar 2022 12:41

Tgt Ion: 50 Resp: 725
Ion Ratio Lower Upper
50 100
52 37.0 26.4 39.6

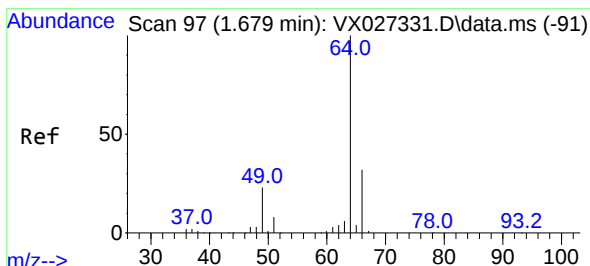
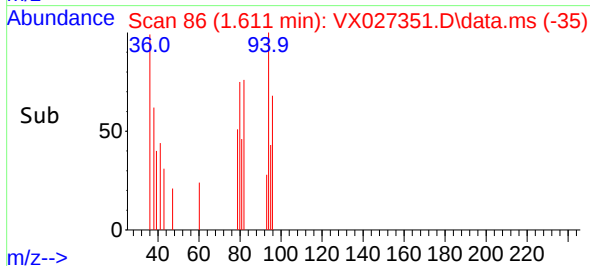
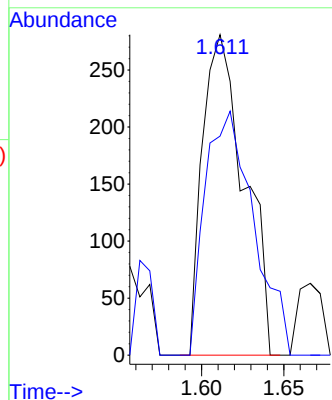
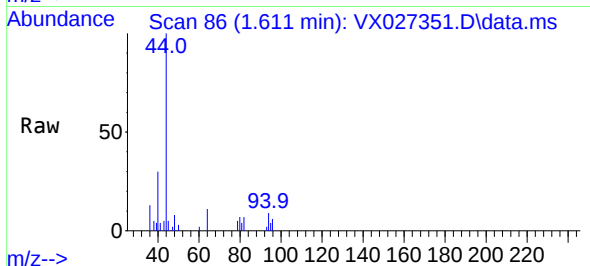




#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 80
Delta R.T. 0.012 min
Lab File: VX027351.D
Acq: 09 Mar 2022 12:41

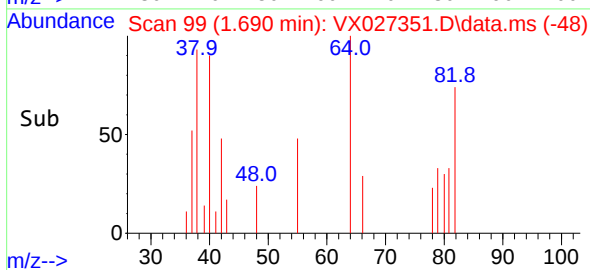
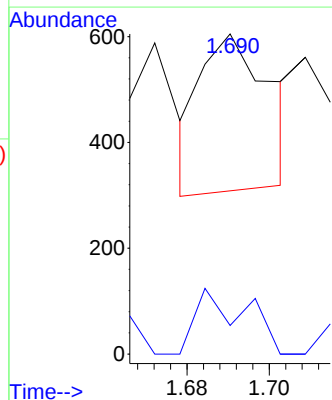
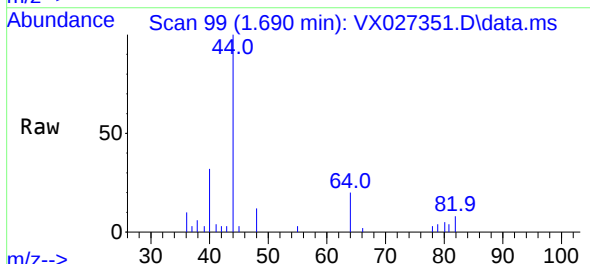
Instrument :
MSVOA_X
ClientSampleId :

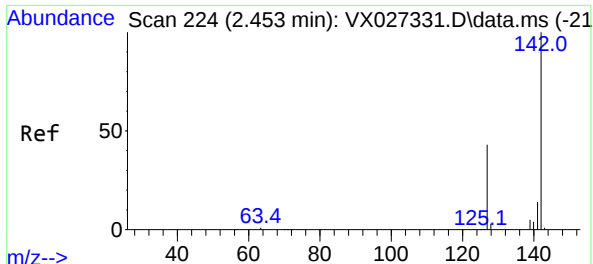
Tgt Ion: 94 Resp: 498
Ion Ratio Lower Upper
94 100
96 68.3 75.3 112.9#



#6
Chloroethane
Concen: 0.600 ug/l
RT: 1.690 min Scan# 99
Delta R.T. 0.011 min
Lab File: VX027351.D
Acq: 09 Mar 2022 12:41

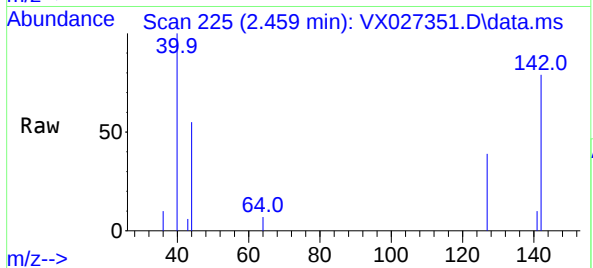
Tgt Ion: 64 Resp: 347
Ion Ratio Lower Upper
64 100
66 32.9 25.3 37.9



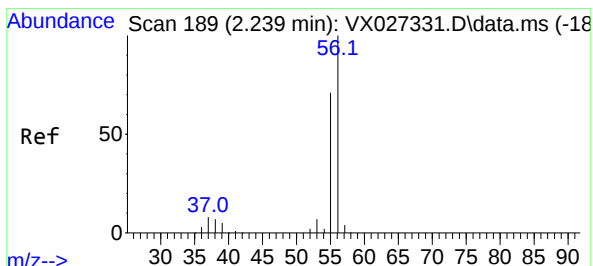
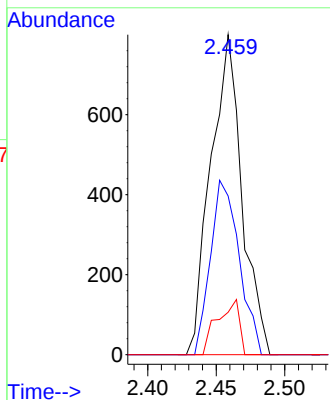
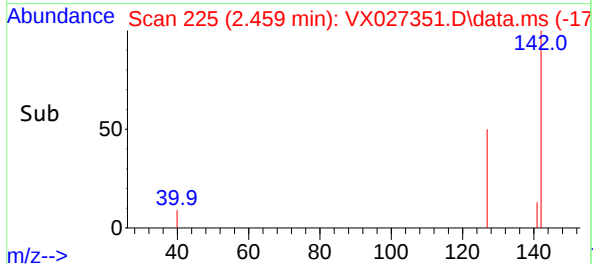


#10
Methyl Iodide
Concen: 0.267 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX027351.D
Acq: 09 Mar 2022 12:41

Instrument :
MSVOA_X
ClientSampleId :

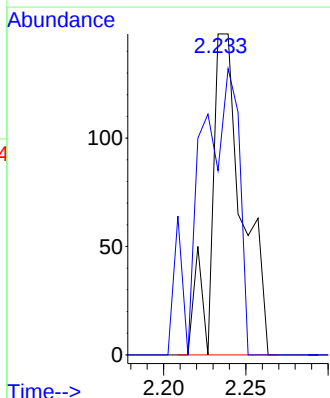
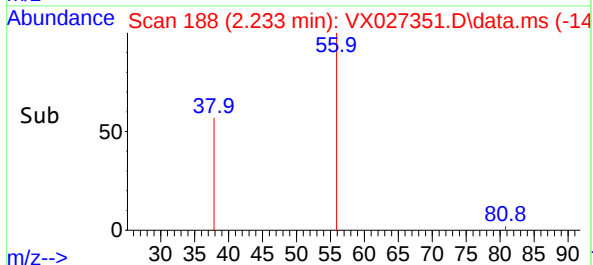
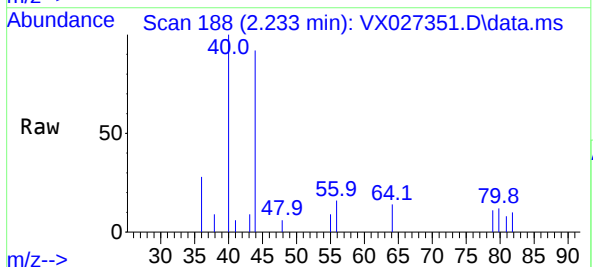


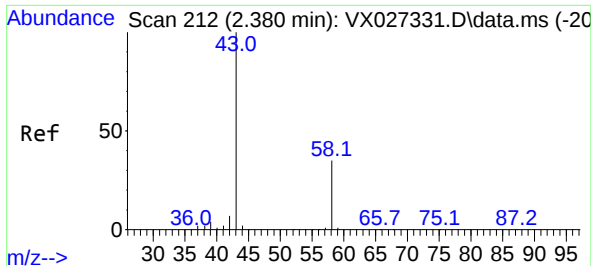
Tgt Ion:142 Resp: 1269
Ion Ratio Lower Upper
142 100
127 50.1 33.9 50.9
141 12.1 11.4 17.2



#13
Acrolein
Concen: 0.363 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.006 min
Lab File: VX027351.D
Acq: 09 Mar 2022 12:41

Tgt Ion: 56 Resp: 194
Ion Ratio Lower Upper
56 100
55 113.9 55.0 82.6#

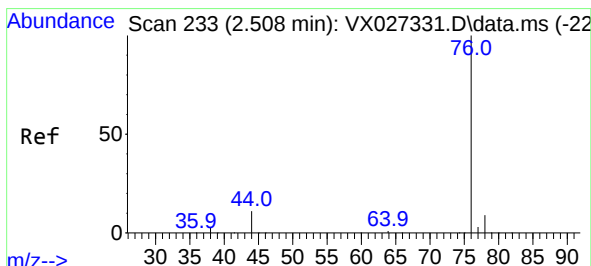
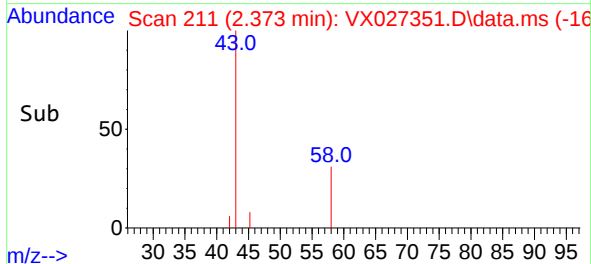
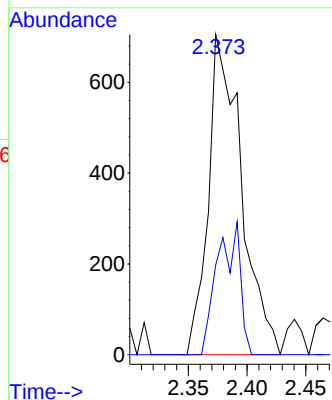
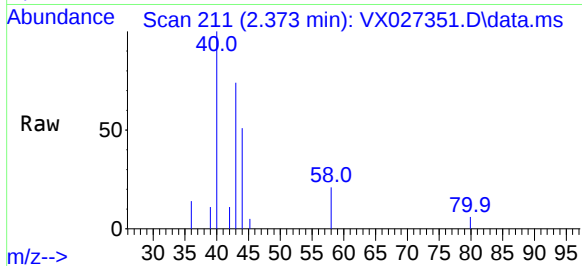




#16
Acetone
Concen: Below Cal
RT: 2.373 min Scan# 211
Delta R.T. -0.007 min
Lab File: VX027351.D
Acq: 09 Mar 2022 12:41

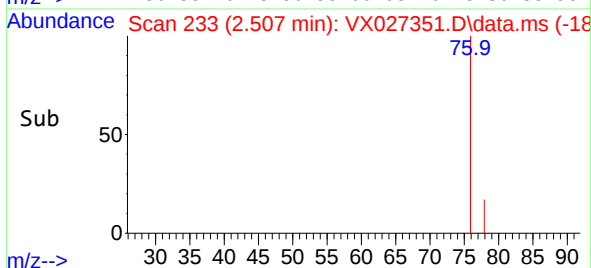
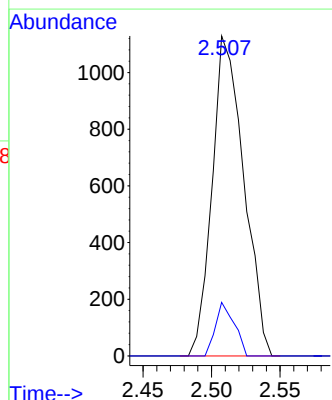
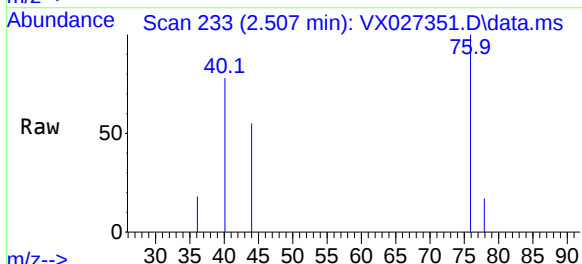
Instrument :
MSVOA_X
ClientSampleId :

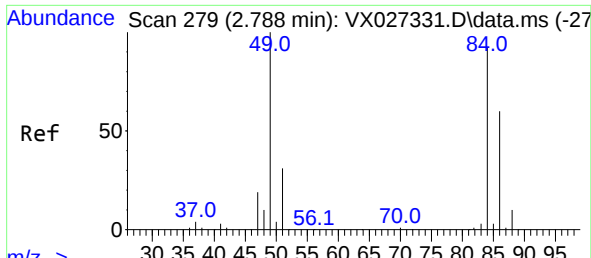
Tgt Ion: 43 Resp: 1379
Ion Ratio Lower Upper
43 100
58 28.1 28.8 43.2#



#17
Carbon Disulfide
Concen: 0.206 ug/l
RT: 2.507 min Scan# 233
Delta R.T. -0.001 min
Lab File: VX027351.D
Acq: 09 Mar 2022 12:41

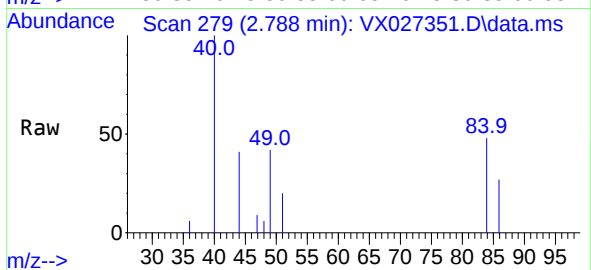
Tgt Ion: 76 Resp: 1813
Ion Ratio Lower Upper
76 100
78 16.7 7.2 10.8#





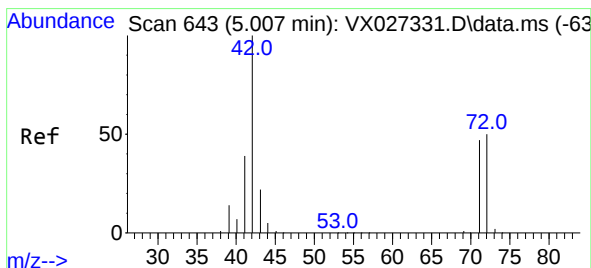
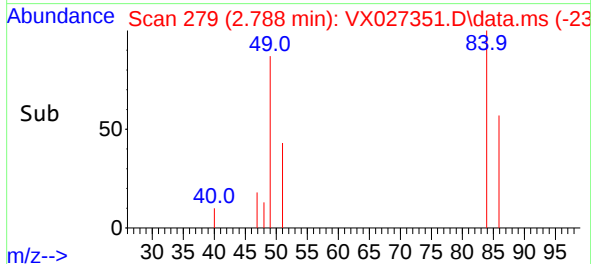
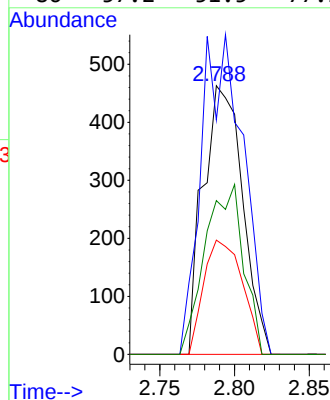
#20
Methylene Chloride
Concen: 0.224 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX027351.D
Acq: 09 Mar 2022 12:41

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 84 Resp: 851

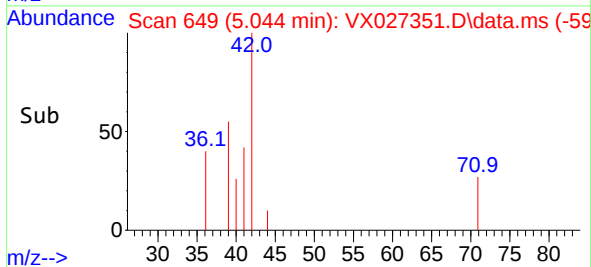
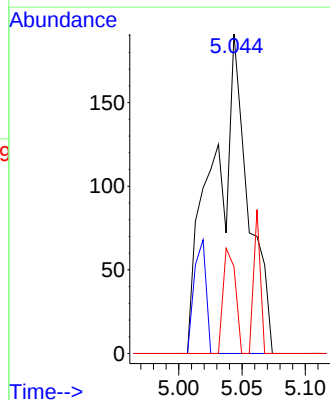
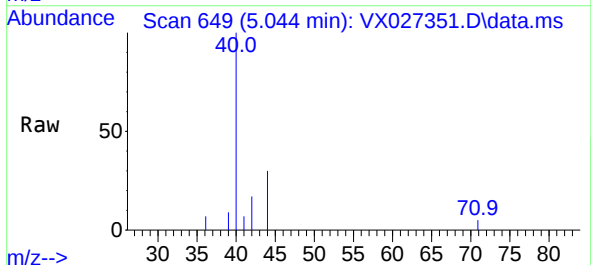
Ion	Ratio	Lower	Upper
84	100		
49	87.3	85.5	128.3
51	42.5	26.6	39.8#
86	57.2	51.5	77.3

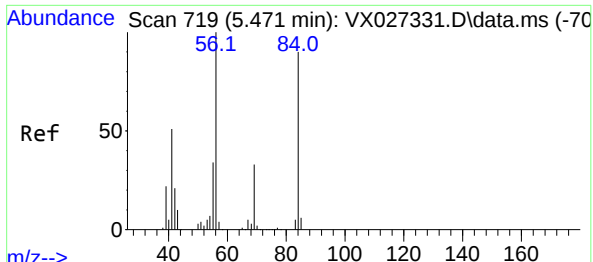


#29
Tetrahydrofuran
Concen: 0.207 ug/l
RT: 5.044 min Scan# 649
Delta R.T. 0.037 min
Lab File: VX027351.D
Acq: 09 Mar 2022 12:41

Tgt Ion: 42 Resp: 367

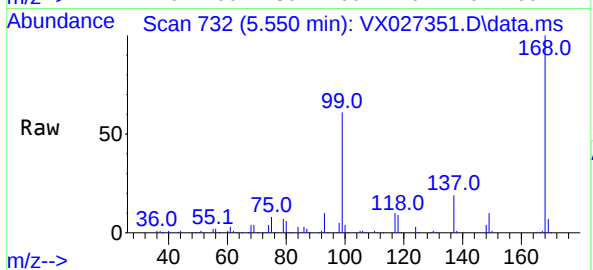
Ion	Ratio	Lower	Upper
42	100		
72	0.0	44.1	66.1#
71	11.4	40.5	60.7#



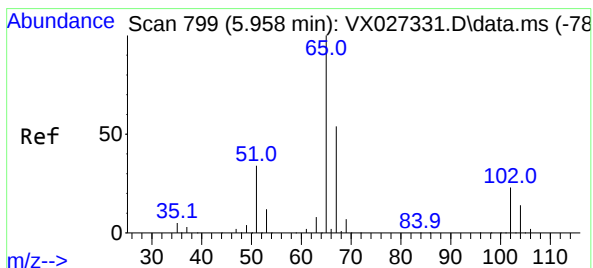
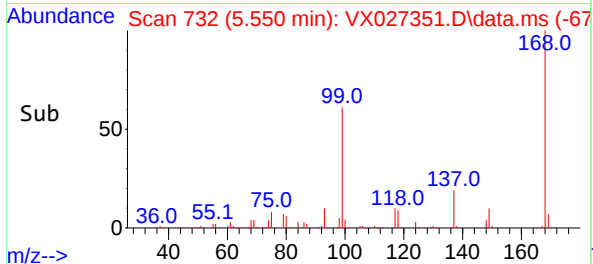
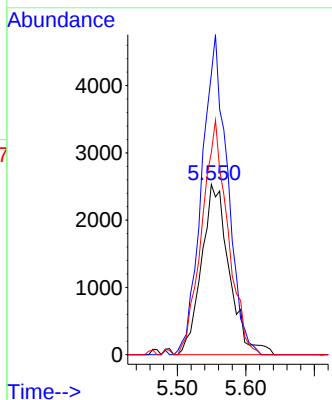


#31
Cyclohexane
Concen: 1.311 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX027351.D
Acq: 09 Mar 2022 12:41

Instrument :
MSVOA_X
ClientSampleId :

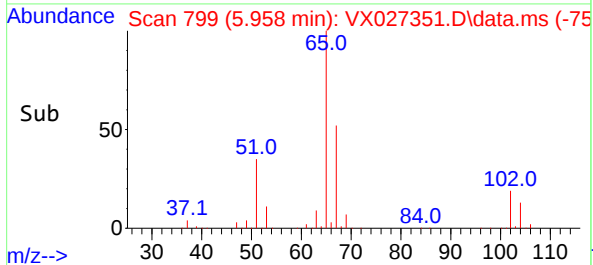
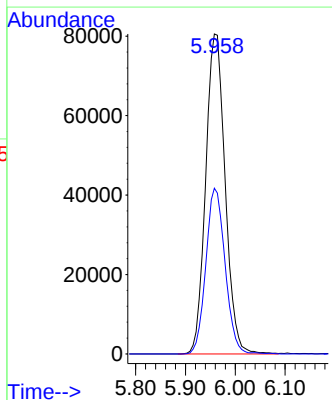
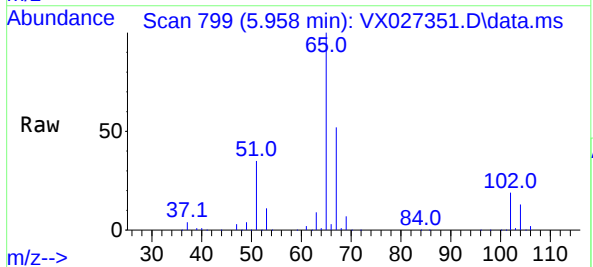


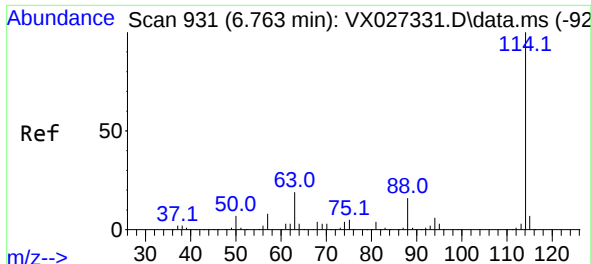
Tgt Ion: 56 Resp: 7133
Ion Ratio Lower Upper
56 100
69 164.8 26.7 40.1#
84 118.9 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 56.219 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX027351.D
Acq: 09 Mar 2022 12:41

Tgt Ion: 65 Resp: 218678
Ion Ratio Lower Upper
65 100
67 51.1 0.0 107.4

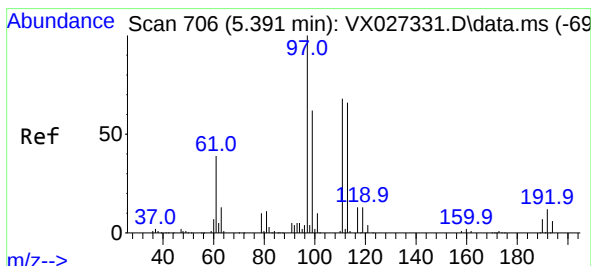
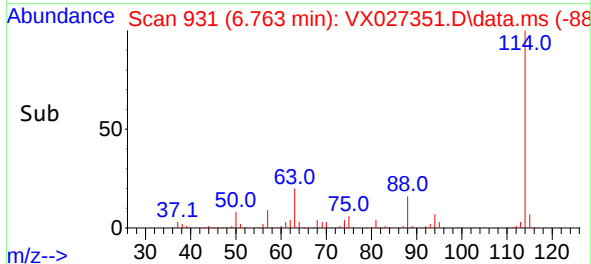
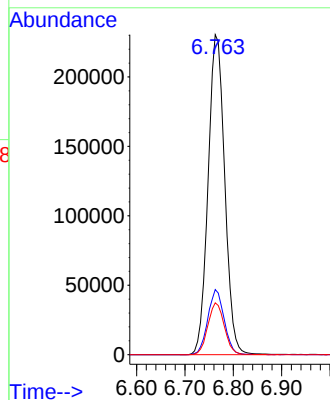
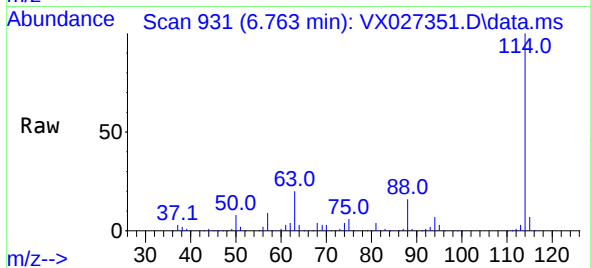




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX027351.D
Acq: 09 Mar 2022 12:41

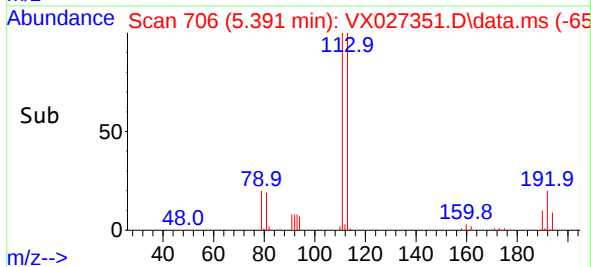
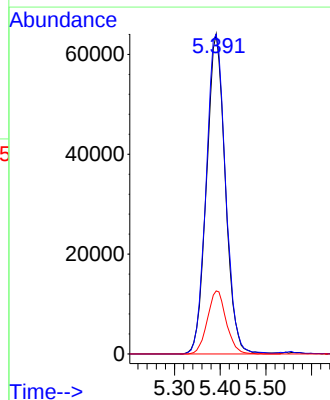
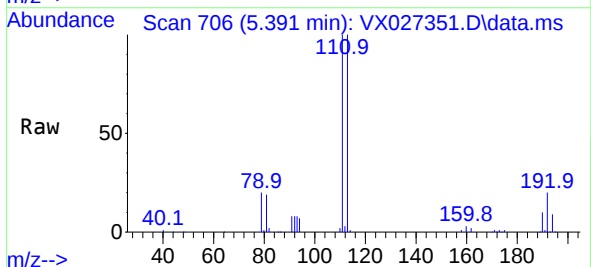
Instrument :
MSVOA_X
ClientSampleId :

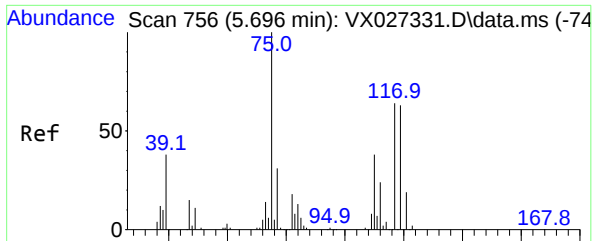
Tgt Ion:114 Resp: 551441
Ion Ratio Lower Upper
114 100
63 20.4 0.0 36.8
88 16.2 0.0 32.4



#35
Dibromofluoromethane
Concen: 51.347 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027351.D
Acq: 09 Mar 2022 12:41

Tgt Ion:113 Resp: 182706
Ion Ratio Lower Upper
113 100
111 102.9 82.8 124.2
192 19.8 16.9 25.3

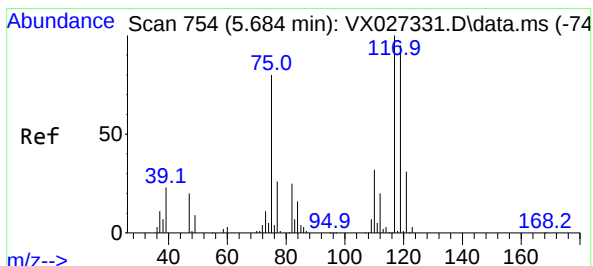
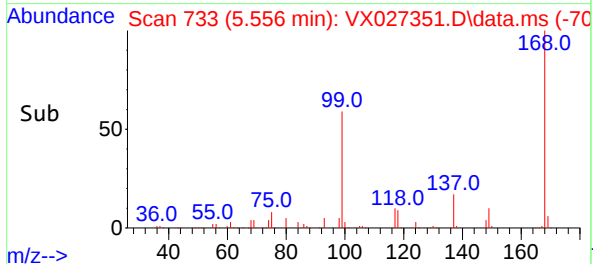
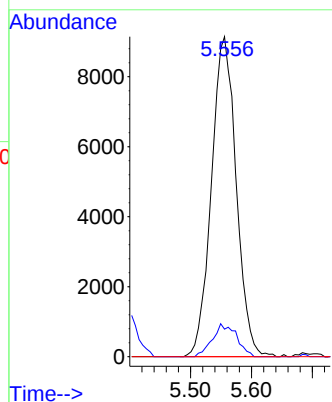
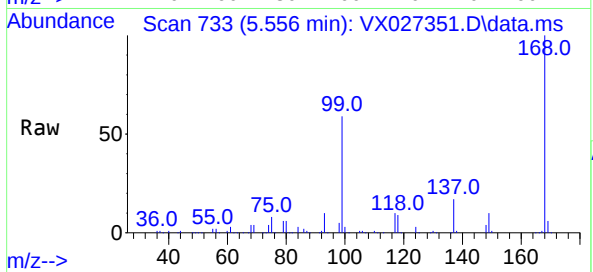




#36
1,1-Dichloropropene
Concen: 5.228 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX027351.D
Acq: 09 Mar 2022 12:41

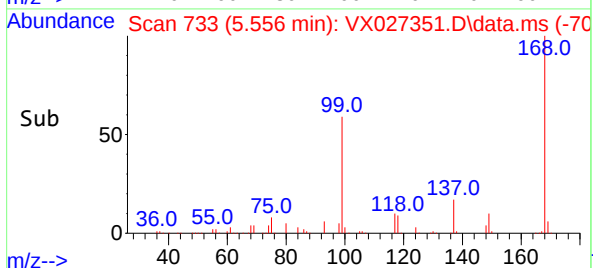
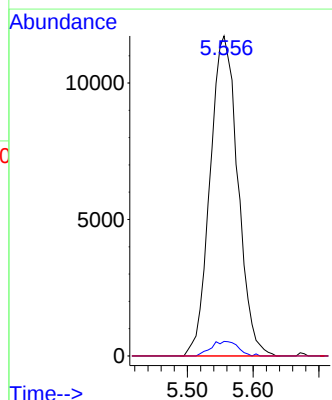
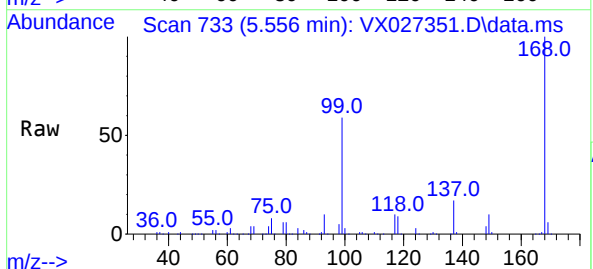
Instrument :
MSVOA_X
ClientSampleId :

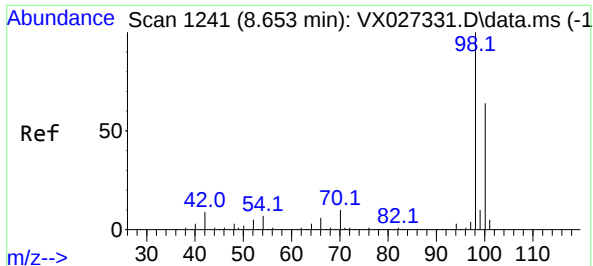
Tgt Ion: 75 Resp: 25829
Ion Ratio Lower Upper
75 100
110 10.0 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 6.751 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX027351.D
Acq: 09 Mar 2022 12:41

Tgt Ion: 117 Resp: 34489
Ion Ratio Lower Upper
117 100
119 4.6 77.3 115.9#
121 0.0 24.2 36.2#





#50

Toluene-d8

Concen: 48.628 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX027351.D

Acq: 09 Mar 2022 12:41

Instrument :

MSVOA_X

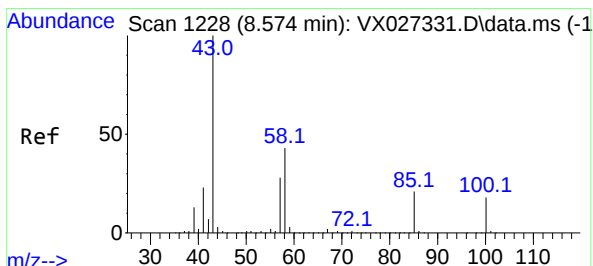
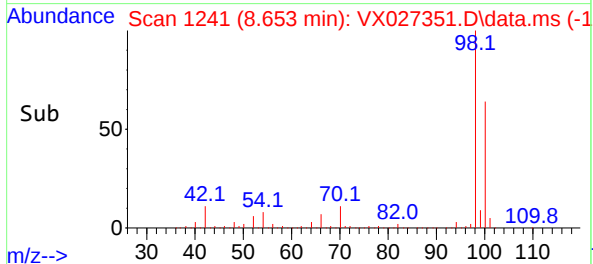
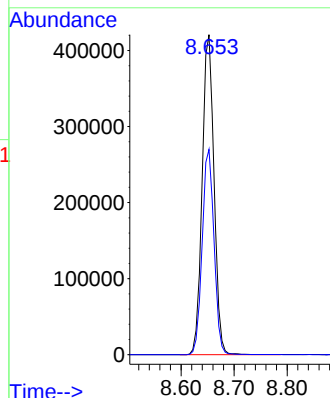
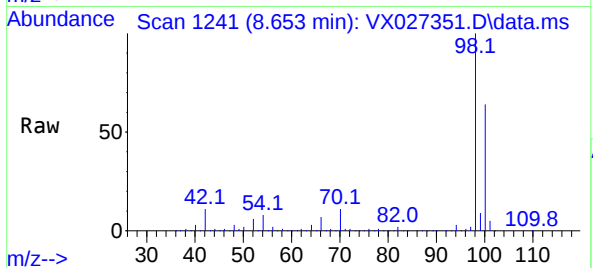
ClientSampleId :

Tgt Ion: 98 Resp: 653237

Ion Ratio Lower Upper

98 100

100 64.0 52.6 78.8



#51

4-Methyl-2-Pentanone

Concen: 0.547 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.079 min

Lab File: VX027351.D

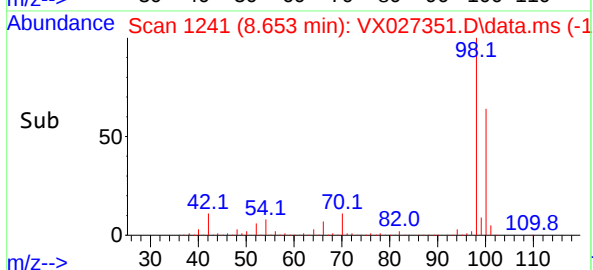
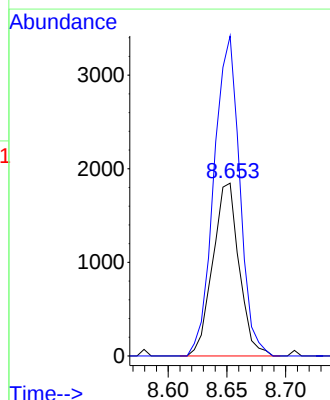
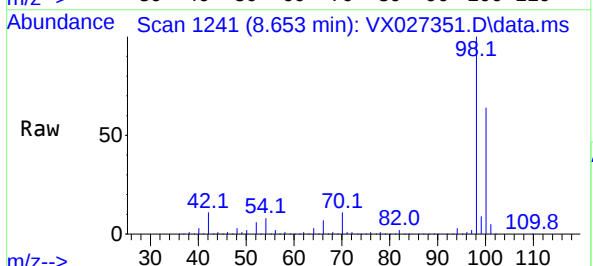
Acq: 09 Mar 2022 12:41

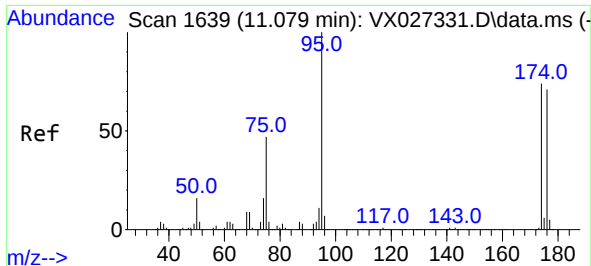
Tgt Ion: 43 Resp: 2876

Ion Ratio Lower Upper

43 100

58 181.4 36.1 54.1#

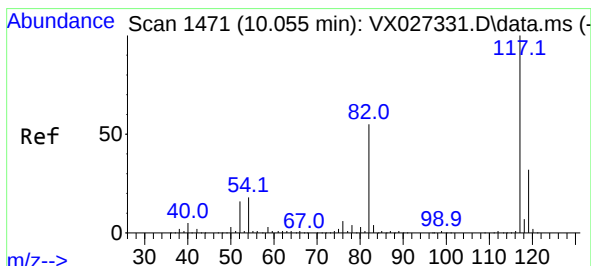
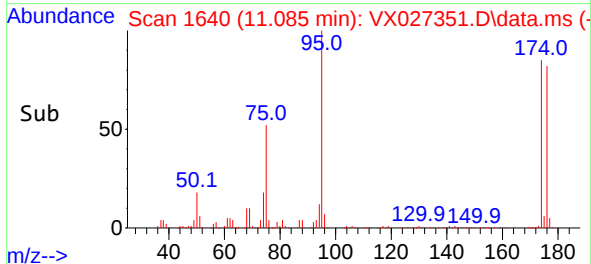
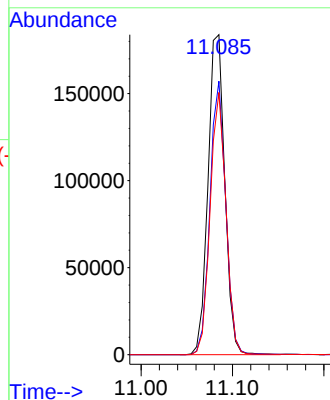
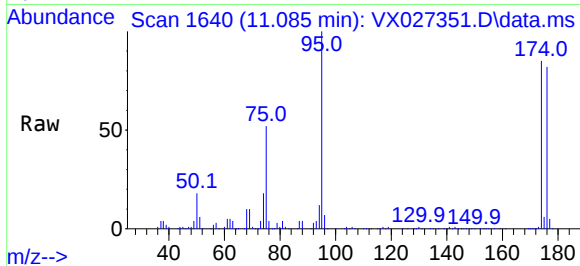




#62
4-Bromofluorobenzene
Concen: 45.869 ug/l
RT: 11.085 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX027351.D
Acq: 09 Mar 2022 12:41

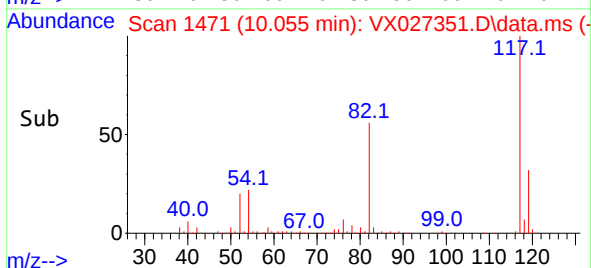
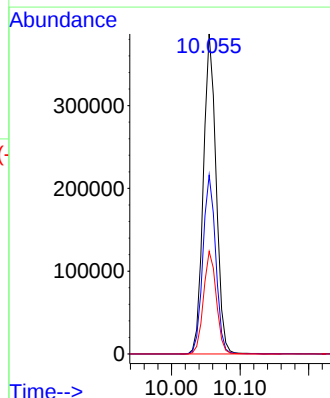
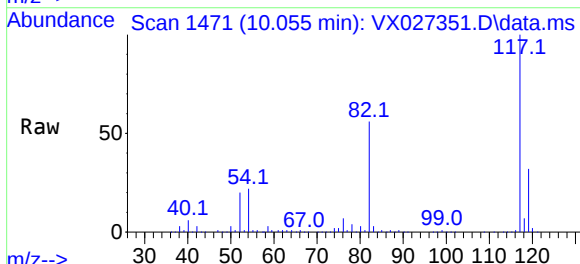
Instrument :
MSVOA_X
ClientSampleId :

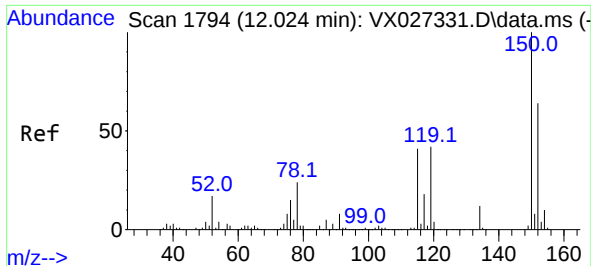
Tgt Ion: 95 Resp: 234843
Ion Ratio Lower Upper
95 100
174 80.7 0.0 163.0
176 77.3 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX027351.D
Acq: 09 Mar 2022 12:41

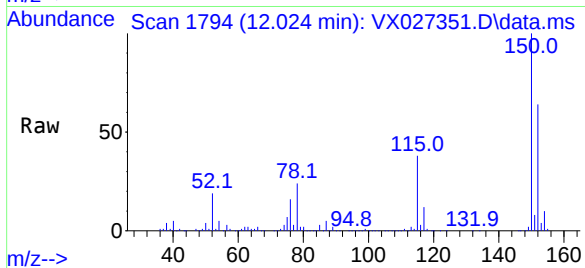
Tgt Ion: 117 Resp: 501704
Ion Ratio Lower Upper
117 100
82 55.9 41.8 62.8
119 32.0 24.8 37.2



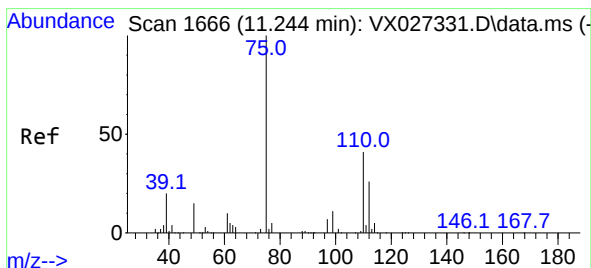
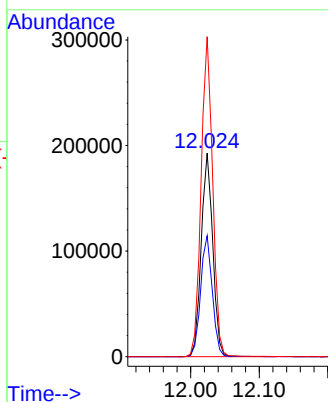
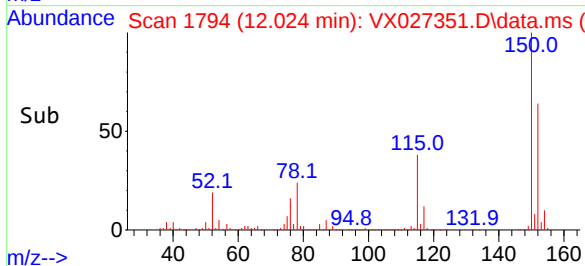


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX027351.D
Acq: 09 Mar 2022 12:41

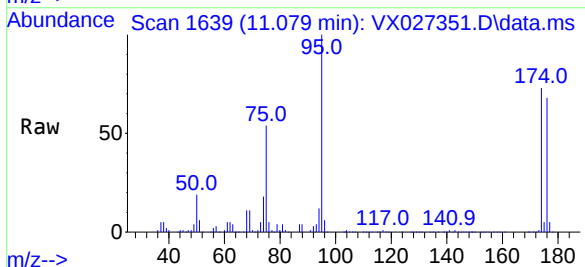
Instrument :
MSVOA_X
ClientSampleId :



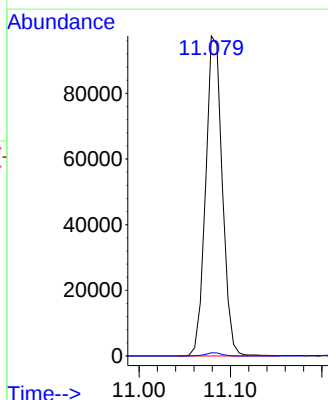
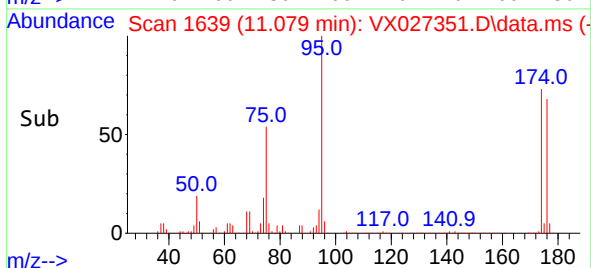
Tgt Ion:152 Resp: 226715
Ion Ratio Lower Upper
152 100
115 60.2 37.5 112.7
150 156.9 0.0 338.2

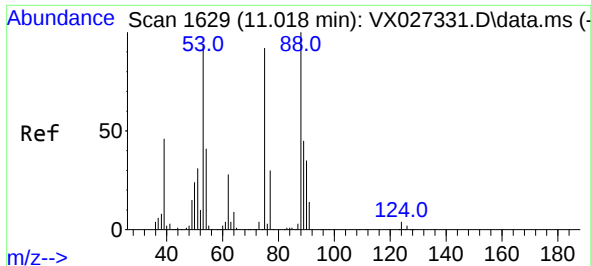


#76
1,2,3-Trichloropropane
Concen: 24.814 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX027351.D
Acq: 09 Mar 2022 12:41



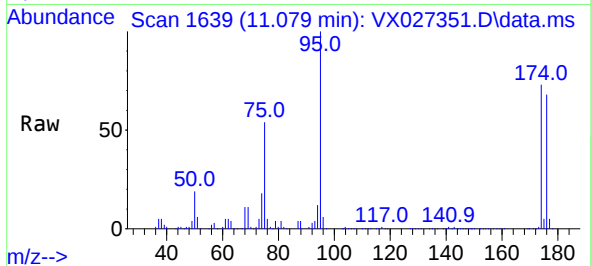
Tgt Ion: 75 Resp: 123429
Ion Ratio Lower Upper
75 100
77 1.0 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 80.250 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX027351.D
 Acq: 09 Mar 2022 12:41

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 123429
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.0 37.0 55.6#

