

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031822\
 Data File : VX027530.D
 Acq On : 18 Mar 2022 16:06
 Operator : JC/MD
 Sample : N1998-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 19 03:08:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031722W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 17 15:02:59 2022
 Response via : Initial Calibration

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

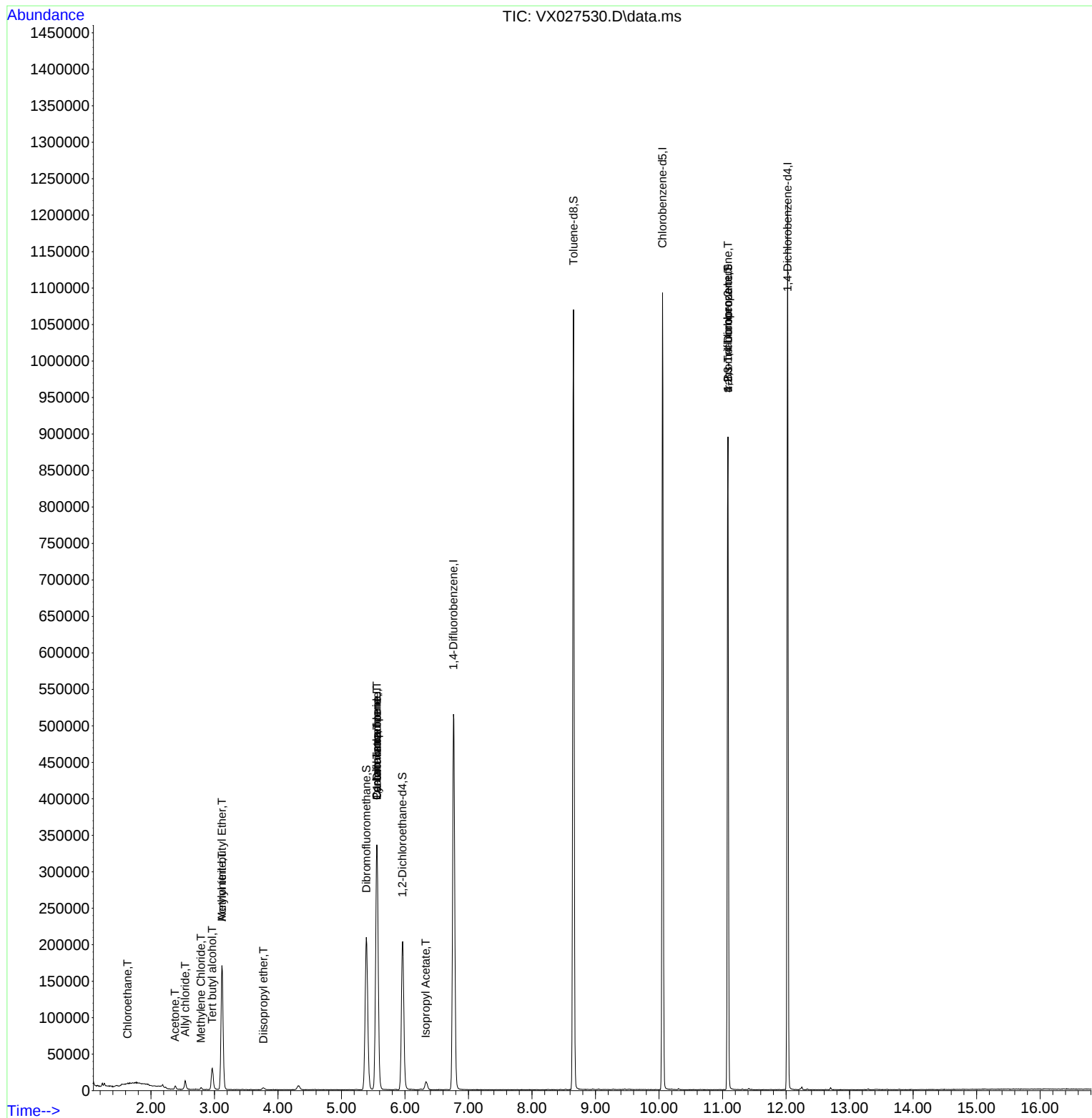
Internal Standards						
1) Pentafluorobenzene	5.556	168	329619	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	550146	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	506828	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	249459	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	203128	50.024	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 100.040%	
35) Dibromofluoromethane	5.391	113	184839	52.221	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 104.440%	
50) Toluene-d8	8.653	98	646604	48.276	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 96.560%	
62) 4-Bromofluorobenzene	11.085	95	242463	49.251	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 98.500%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.617	94	135	Below Cal	#	3
6) Chloroethane	1.630	64	10721	5.384	ug/l #	51
11) Tert butyl alcohol	2.965	59	34545	44.639	ug/l	98
14) Allyl chloride	2.538	41	1371	0.286	ug/l #	60
15) Acrylonitrile	3.117	53	2216	1.260	ug/l #	27
16) Acetone	2.380	43	4816	2.910	ug/l	93
19) Methyl tert-butyl Ether	3.117	73	196351	19.014	ug/l	98
20) Methylene Chloride	2.788	84	1224	0.344	ug/l #	85
22) Diisopropyl ether	3.770	45	2874	0.307	ug/l #	74
31) Cyclohexane	5.556	56	5739	1.138	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	23860	4.933	ug/l #	49
38) Carbon Tetrachloride	5.556	117	33187	5.997	ug/l #	15
43) Isopropyl Acetate	6.324	43	3917	0.505	ug/l #	7
76) 1,2,3-Trichloropropane	11.085	75	116495	22.326	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	116495	67.806	ug/l #	15

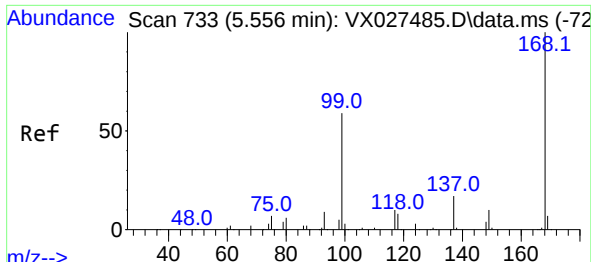
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031822\
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Quant Time: Mar 19 03:08:02 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031722W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 17 15:02:59 2022
Response via : Initial Calibration

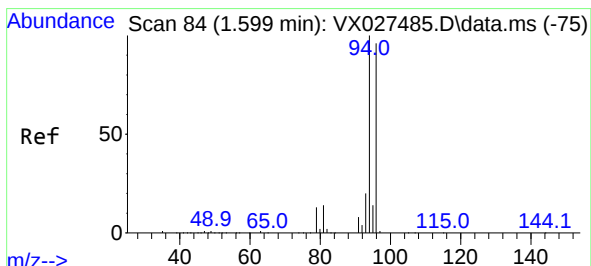
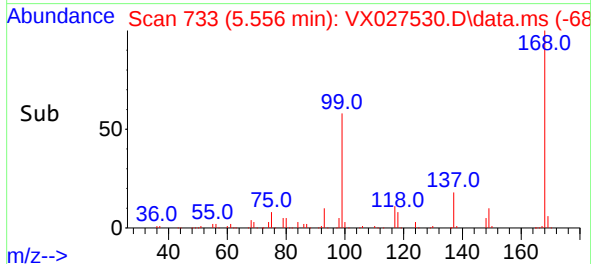
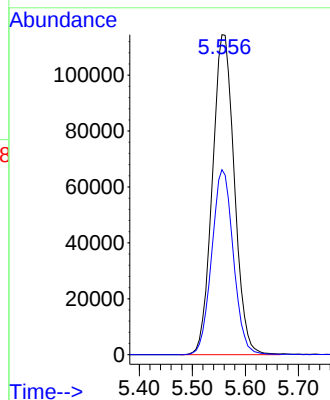
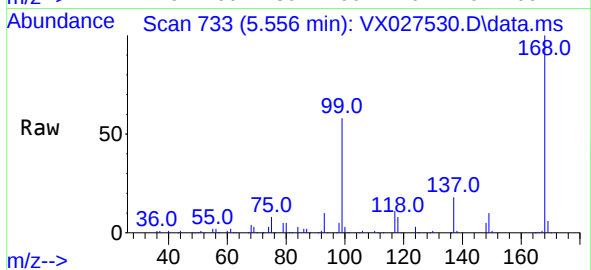




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027530.D
Acq: 18 Mar 2022 16:06

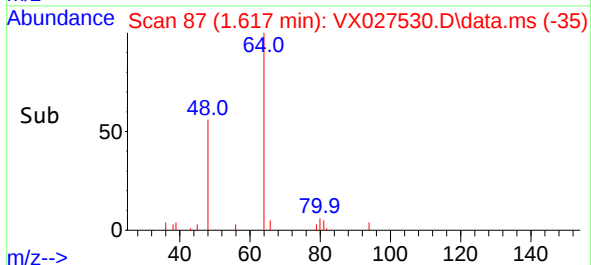
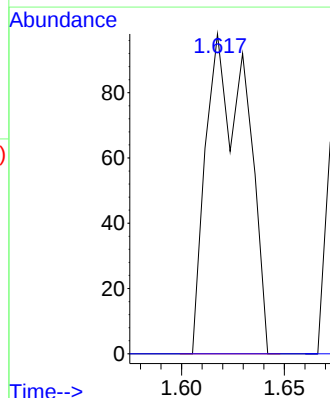
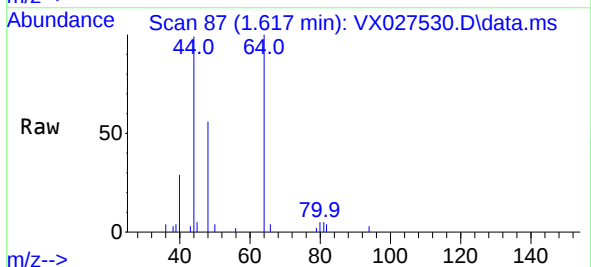
Instrument :
MSVOA_X
ClientSampleId :

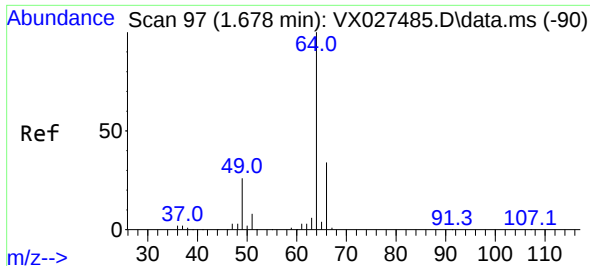
Tgt Ion:168 Resp: 329619
Ion Ratio Lower Upper
168 100
99 57.8 41.7 62.5



#5
Bromomethane
Concen: Below Cal
RT: 1.617 min Scan# 87
Delta R.T. 0.018 min
Lab File: VX027530.D
Acq: 18 Mar 2022 16:06

Tgt Ion: 94 Resp: 135
Ion Ratio Lower Upper
94 100
96 0.0 75.3 112.9#

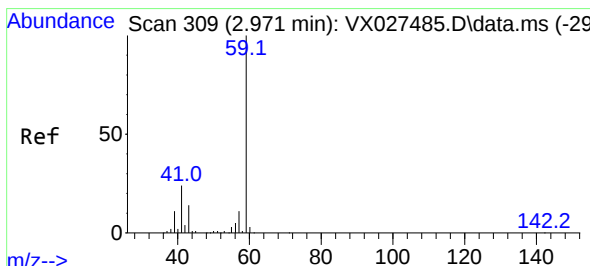
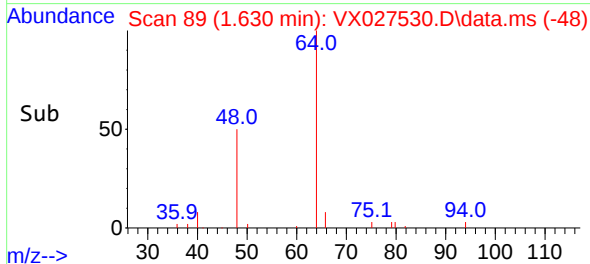
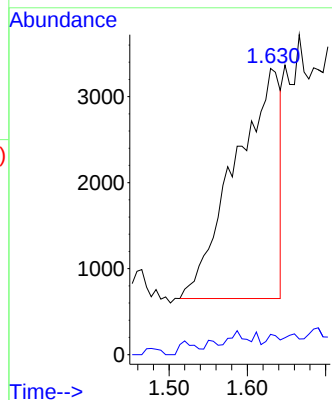
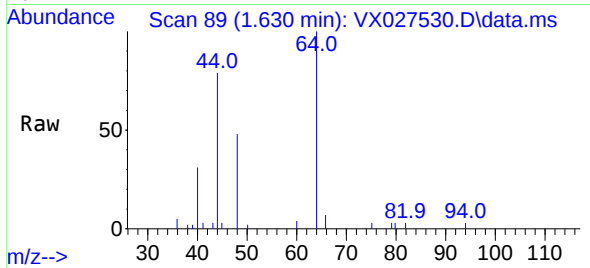




#6
Chloroethane
Concen: 5.384 ug/l
RT: 1.630 min Scan# 89
Delta R.T. -0.049 min
Lab File: VX027530.D
Acq: 18 Mar 2022 16:06

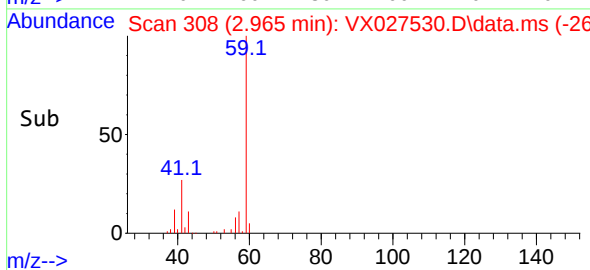
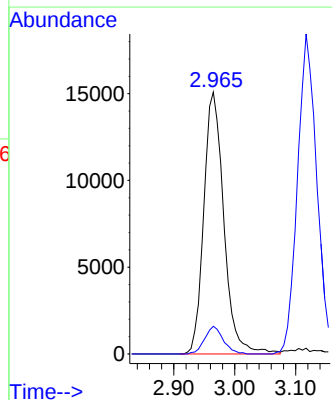
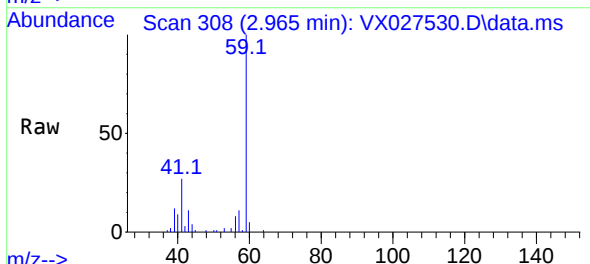
Instrument :
MSVOA_X
ClientSampleId :

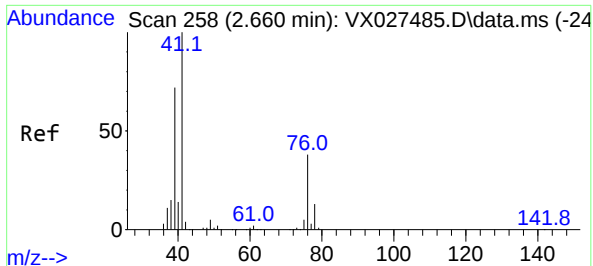
Tgt Ion: 64 Resp: 10721
Ion Ratio Lower Upper
64 100
66 4.4 25.3 37.9#



#11
Tert butyl alcohol
Concen: 44.639 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.006 min
Lab File: VX027530.D
Acq: 18 Mar 2022 16:06

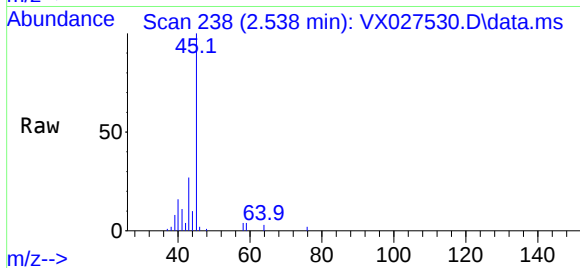
Tgt Ion: 59 Resp: 34545
Ion Ratio Lower Upper
59 100
57 9.8 8.3 12.5



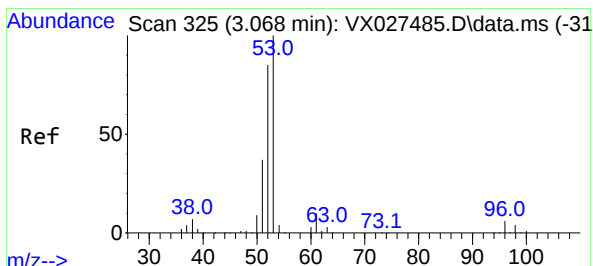
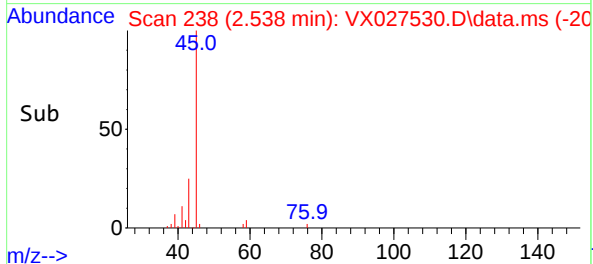
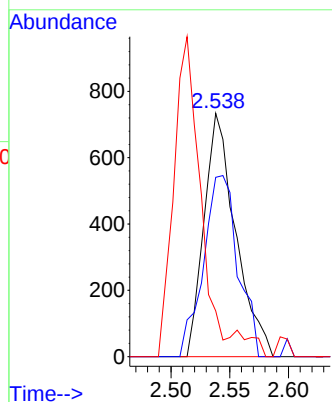


#14
 Allyl chloride
 Concen: 0.286 ug/l
 RT: 2.538 min Scan# 21
 Delta R.T. -0.122 min
 Lab File: VX027530.D
 Acq: 18 Mar 2022 16:06

Instrument :
 MSVOA_X
 ClientSampleId :

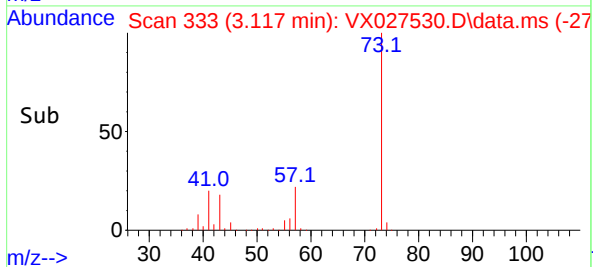
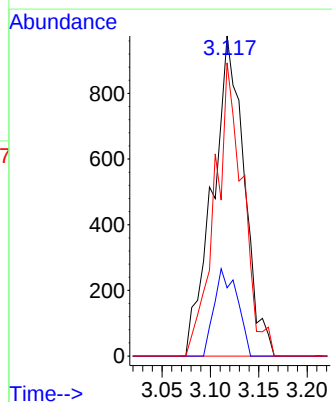
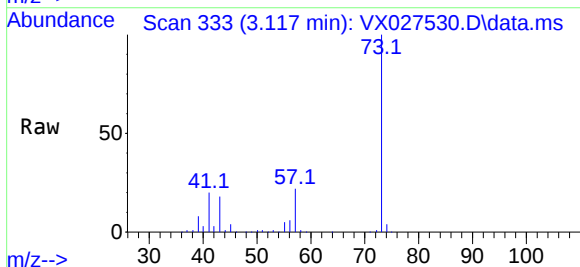


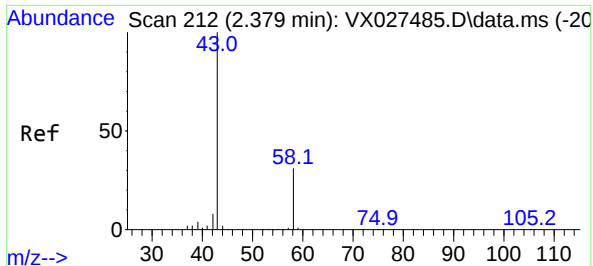
Tgt Ion: 41 Resp: 1371
 Ion Ratio Lower Upper
 41 100
 39 81.5 50.4 75.6#
 76 0.0 32.7 49.1#



#15
 Acrylonitrile
 Concen: 1.260 ug/l
 RT: 3.117 min Scan# 333
 Delta R.T. 0.049 min
 Lab File: VX027530.D
 Acq: 18 Mar 2022 16:06

Tgt Ion: 53 Resp: 2216
 Ion Ratio Lower Upper
 53 100
 52 19.9 65.7 98.5#
 51 81.9 28.4 42.6#

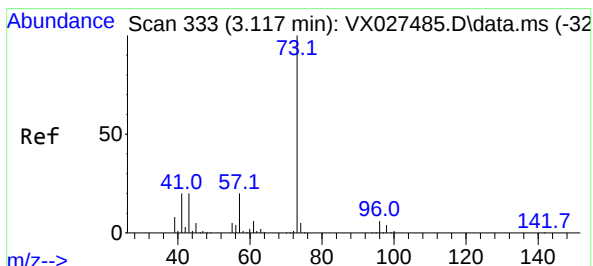
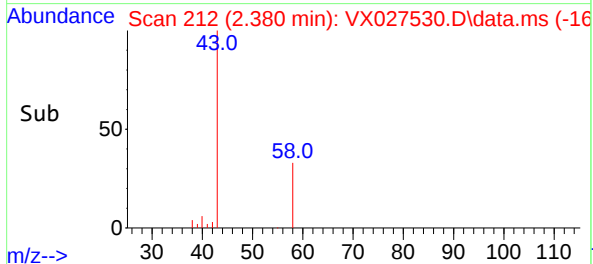
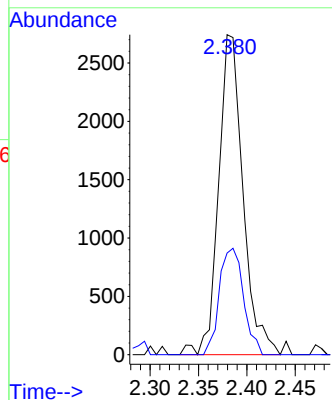
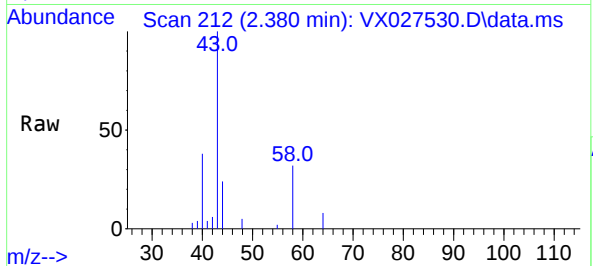




#16
Acetone
Concen: 2.910 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX027530.D
Acq: 18 Mar 2022 16:06

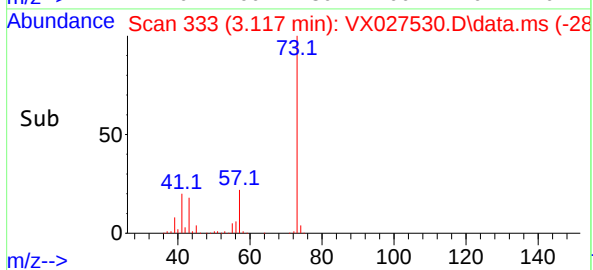
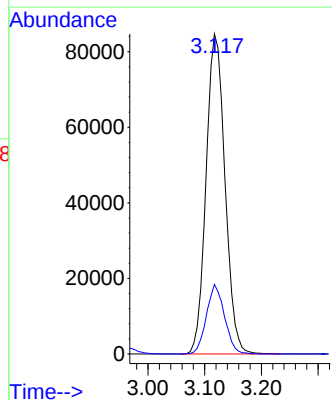
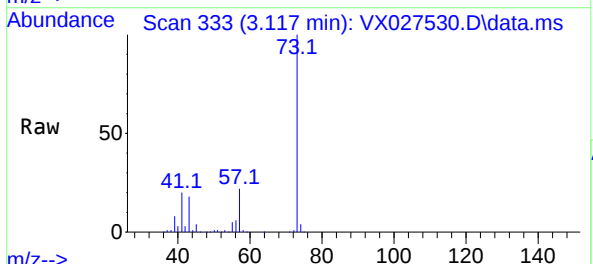
Instrument :
MSVOA_X
ClientSampleId :

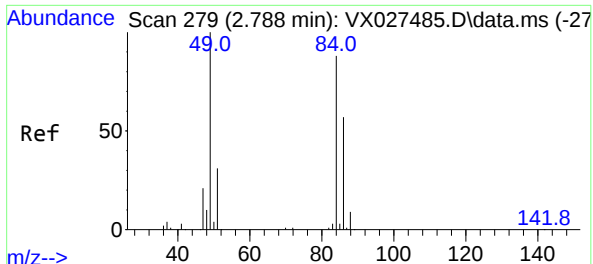
Tgt Ion: 43 Resp: 4816
Ion Ratio Lower Upper
43 100
58 31.8 28.8 43.2



#19
Methyl tert-butyl Ether
Concen: 19.014 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX027530.D
Acq: 18 Mar 2022 16:06

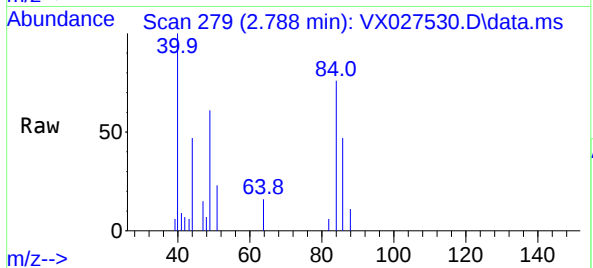
Tgt Ion: 73 Resp: 196351
Ion Ratio Lower Upper
73 100
57 21.8 16.8 25.2





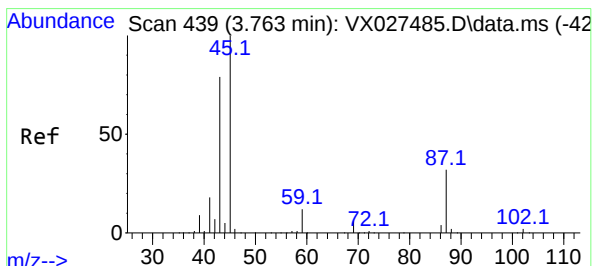
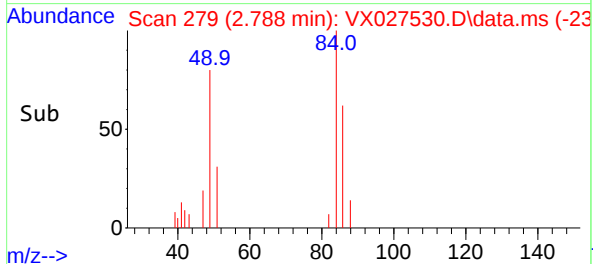
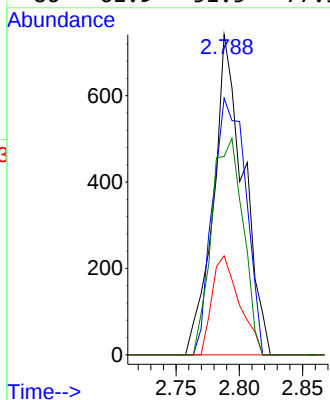
#20
Methylene Chloride
Concen: 0.344 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX027530.D
Acq: 18 Mar 2022 16:06

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 84 Resp: 1224

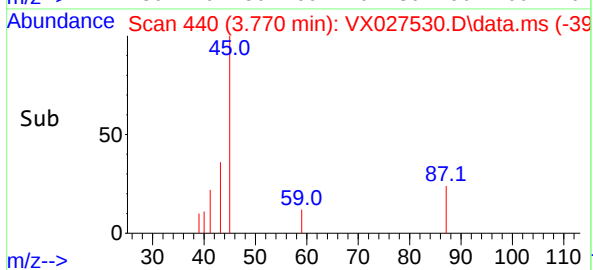
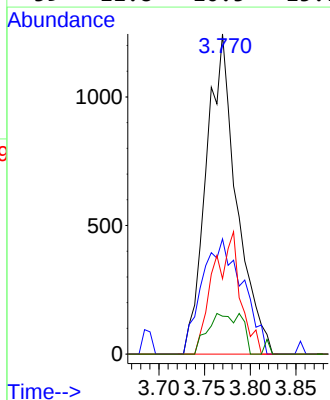
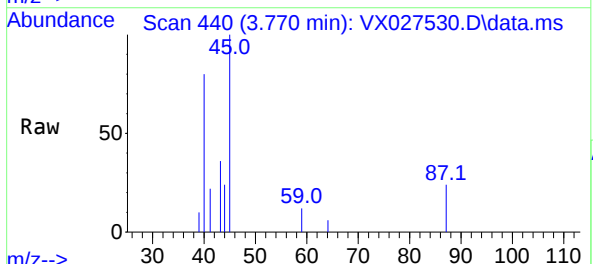
Ion	Ratio	Lower	Upper
84	100		
49	80.2	85.5	128.3#
51	30.9	26.6	39.8
86	61.9	51.5	77.3

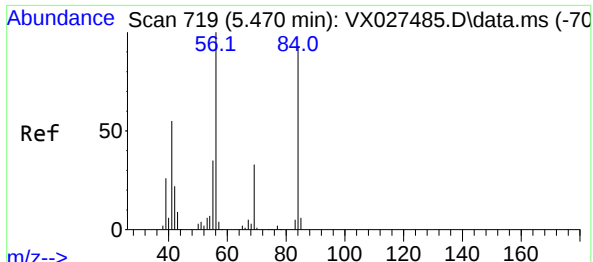


#22
Diisopropyl ether
Concen: 0.307 ug/l
RT: 3.770 min Scan# 440
Delta R.T. 0.006 min
Lab File: VX027530.D
Acq: 18 Mar 2022 16:06

Tgt Ion: 45 Resp: 2874

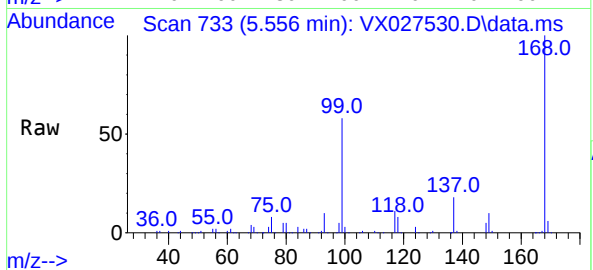
Ion	Ratio	Lower	Upper
45	100		
43	36.0	50.8	76.2#
87	23.5	26.6	39.8#
59	11.8	10.5	15.7



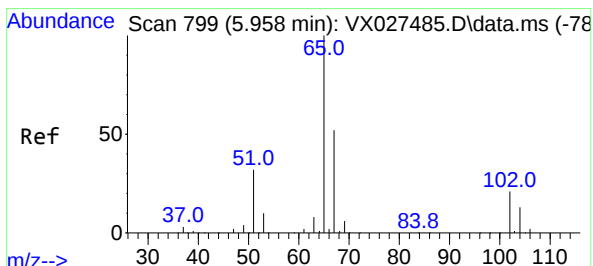
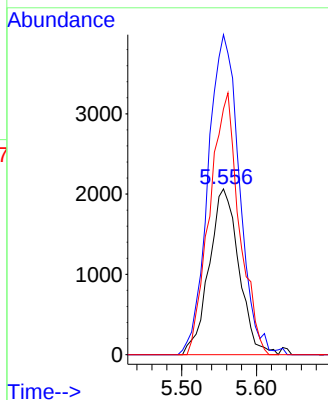
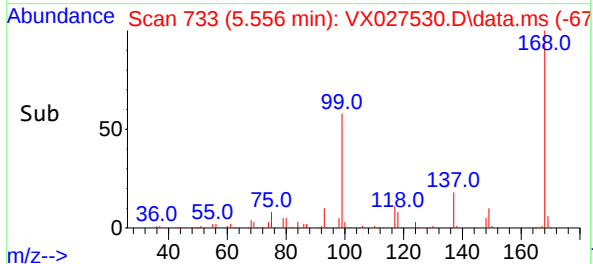


#31
Cyclohexane
Concen: 1.138 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX027530.D
Acq: 18 Mar 2022 16:06

Instrument :
MSVOA_X
ClientSampleId :

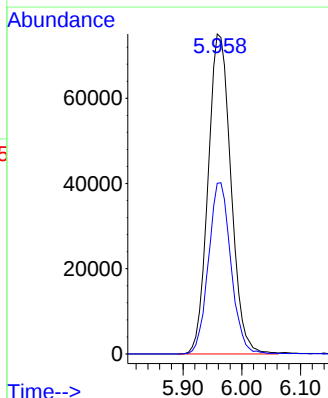
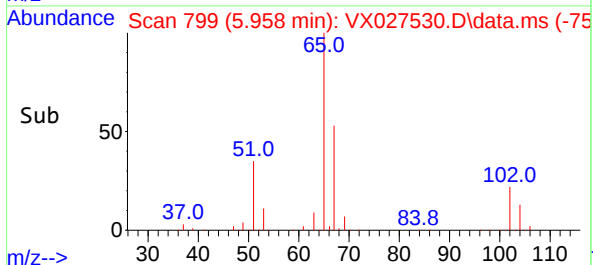
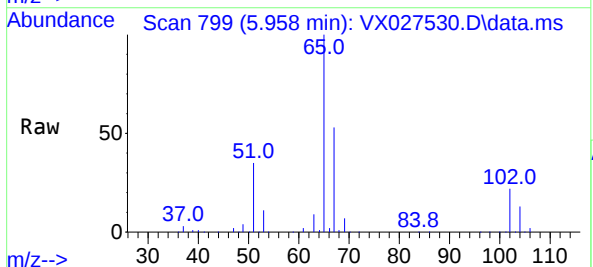


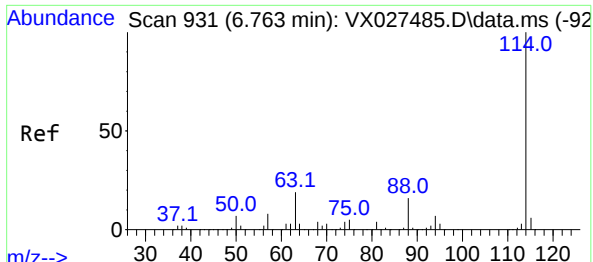
Tgt Ion: 56 Resp: 5739
Ion Ratio Lower Upper
56 100
69 193.1 26.7 40.1#
84 148.4 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 50.024 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX027530.D
Acq: 18 Mar 2022 16:06

Tgt Ion: 65 Resp: 203128
Ion Ratio Lower Upper
65 100
67 52.5 0.0 107.4

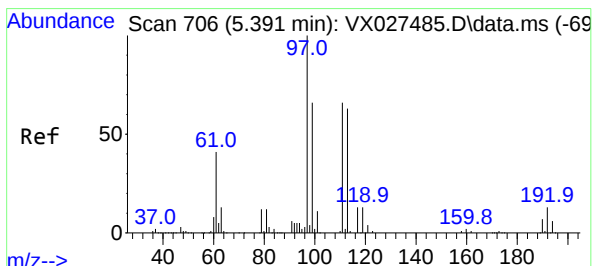
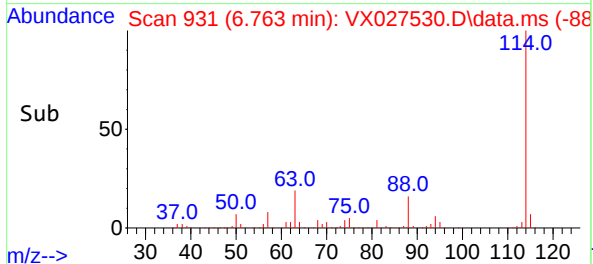
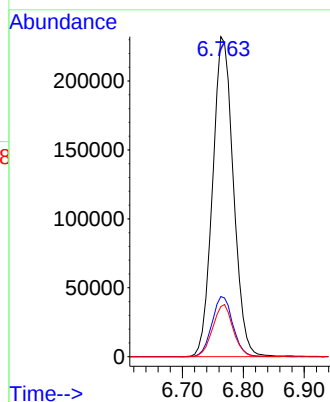
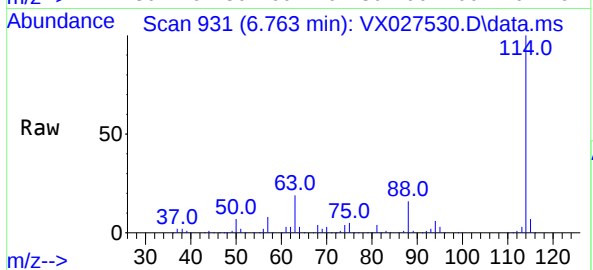




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX027530.D
Acq: 18 Mar 2022 16:06

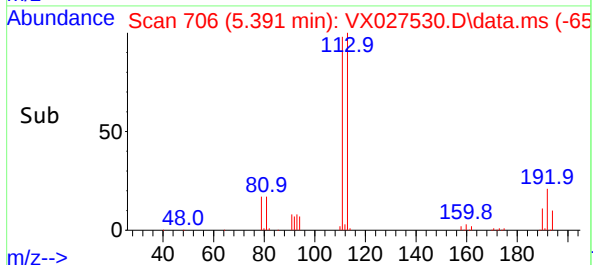
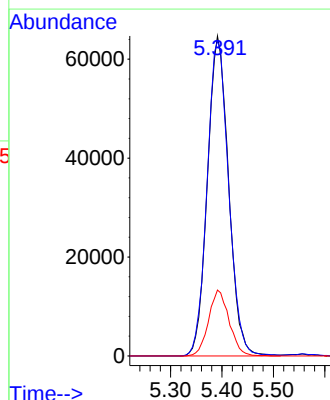
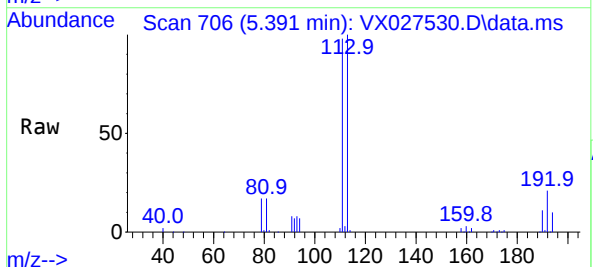
Instrument :
MSVOA_X
ClientSampleId :

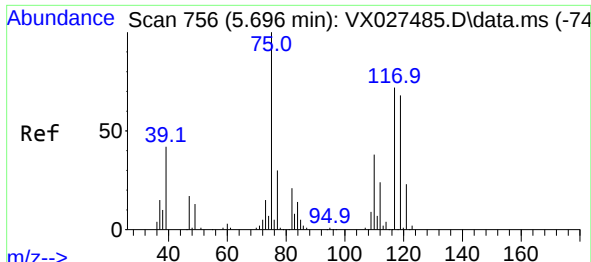
Tgt Ion:114 Resp: 550146
Ion Ratio Lower Upper
114 100
63 18.8 0.0 36.8
88 15.7 0.0 32.4



#35
Dibromofluoromethane
Concen: 52.221 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027530.D
Acq: 18 Mar 2022 16:06

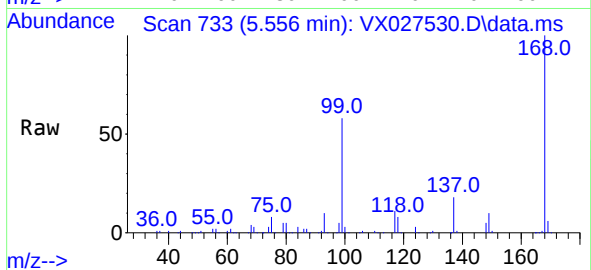
Tgt Ion:113 Resp: 184839
Ion Ratio Lower Upper
113 100
111 100.7 82.8 124.2
192 20.1 16.9 25.3



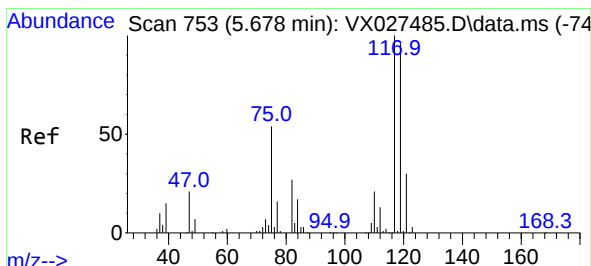
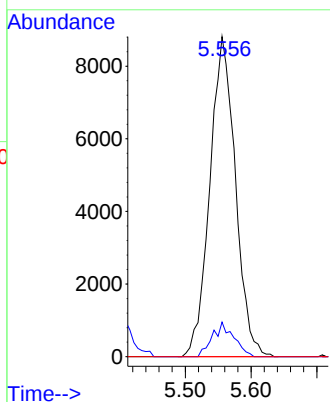
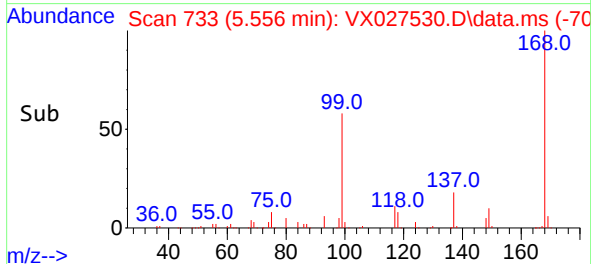


#36
1,1-Dichloropropene
Concen: 4.933 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.140 min
Lab File: VX027530.D
Acq: 18 Mar 2022 16:06

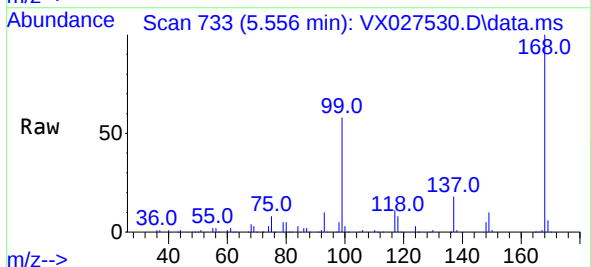
Instrument :
MSVOA_X
ClientSampleId :



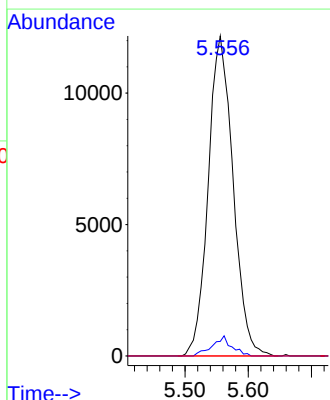
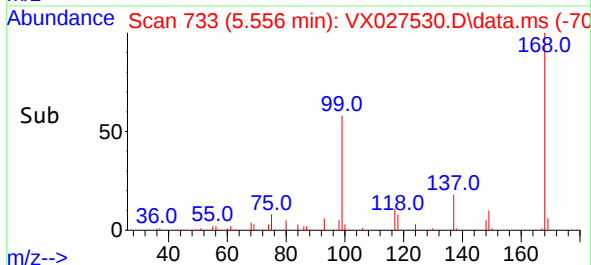
Tgt Ion: 75 Resp: 23860
Ion Ratio Lower Upper
75 100
110 9.0 18.3 54.8#
77 0.0 24.8 37.2#

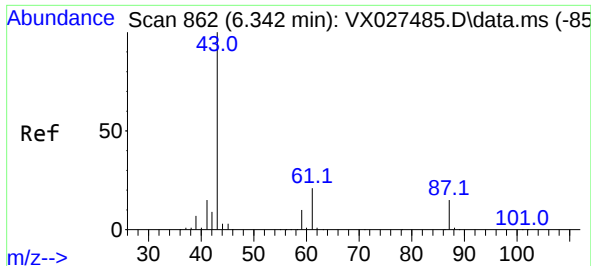


#38
Carbon Tetrachloride
Concen: 5.997 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX027530.D
Acq: 18 Mar 2022 16:06



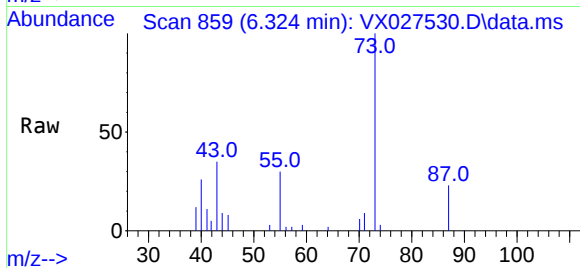
Tgt Ion: 117 Resp: 33187
Ion Ratio Lower Upper
117 100
119 4.6 77.3 115.9#
121 0.0 24.2 36.2#



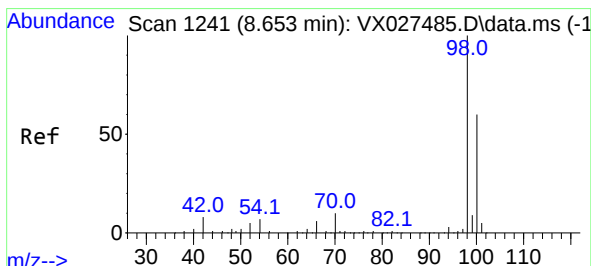
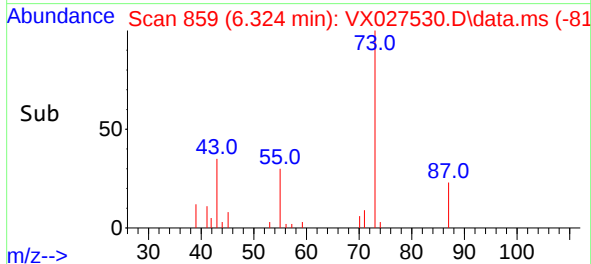
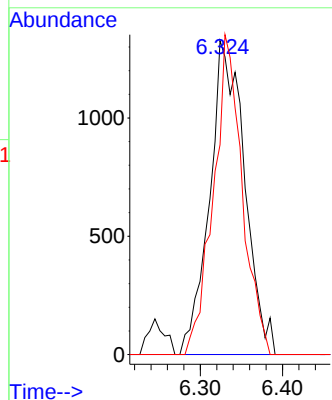


#43
Isopropyl Acetate
Concen: 0.505 ug/l
RT: 6.324 min Scan# 81
Delta R.T. -0.018 min
Lab File: VX027530.D
Acq: 18 Mar 2022 16:06

Instrument :
MSVOA_X
ClientSampleId :

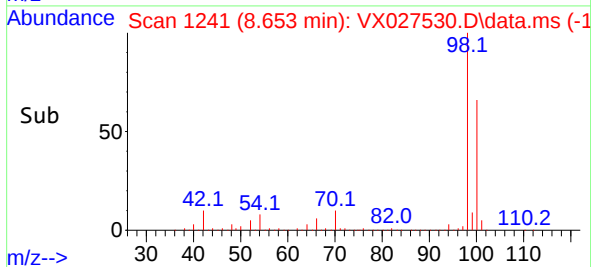
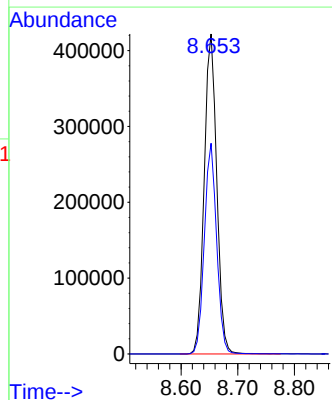
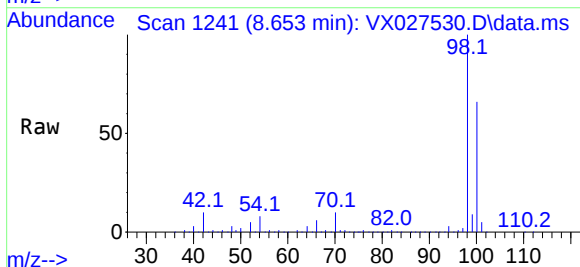


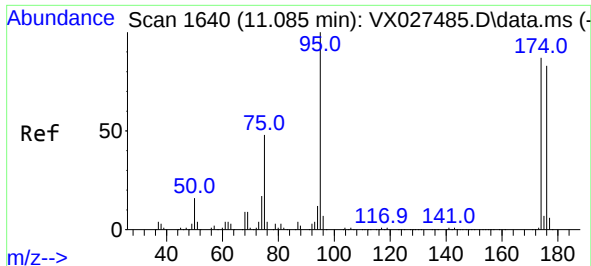
Tgt Ion: 43 Resp: 3917
Ion Ratio Lower Upper
43 100
61 0.0 18.5 27.7#
87 83.6 13.0 19.6#



#50
Toluene-d8
Concen: 48.276 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX027530.D
Acq: 18 Mar 2022 16:06

Tgt Ion: 98 Resp: 646604
Ion Ratio Lower Upper
98 100
100 64.6 52.6 78.8

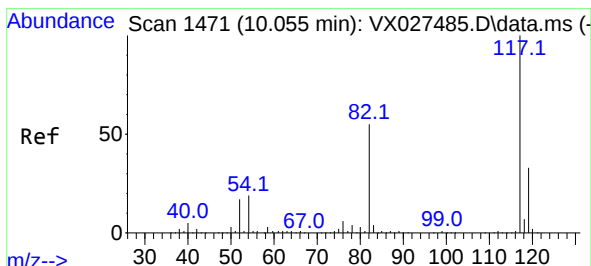
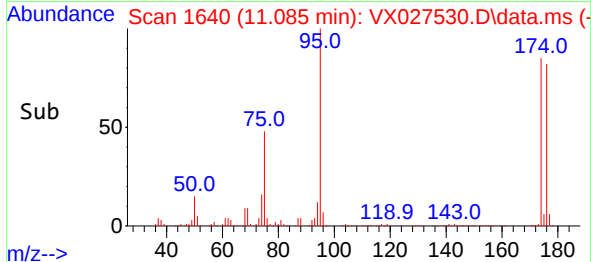
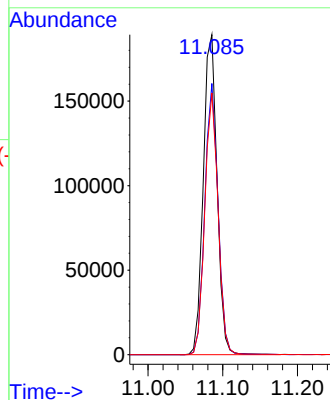
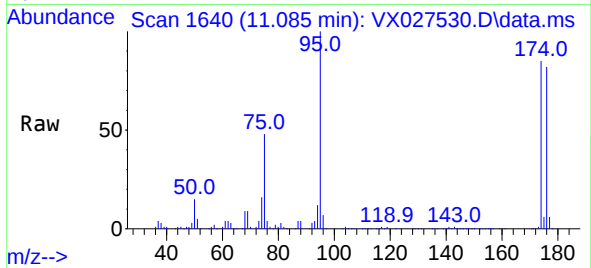




#62
4-Bromofluorobenzene
Concen: 49.251 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX027530.D
Acq: 18 Mar 2022 16:06

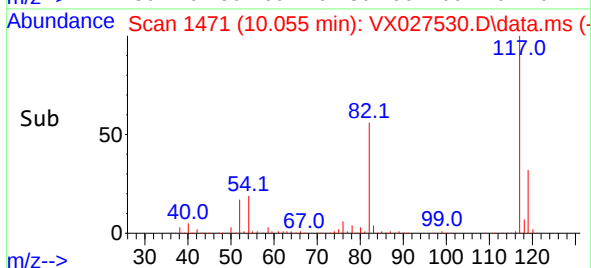
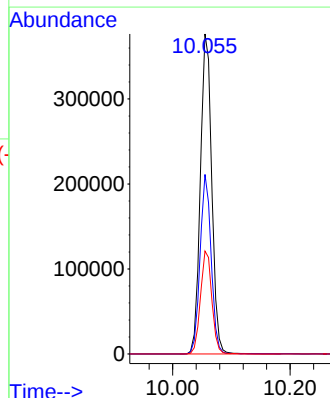
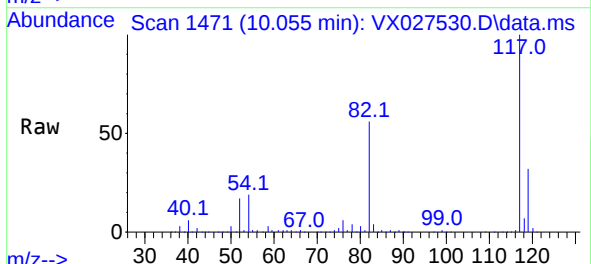
Instrument :
MSVOA_X
ClientSampleId :

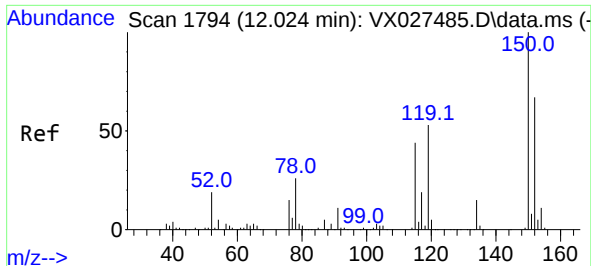
Tgt Ion: 95 Resp: 242463
Ion Ratio Lower Upper
95 100
174 81.6 0.0 163.0
176 79.2 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027530.D
Acq: 18 Mar 2022 16:06

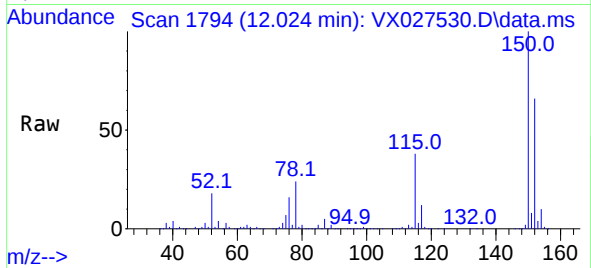
Tgt Ion: 117 Resp: 506828
Ion Ratio Lower Upper
117 100
82 56.1 41.8 62.8
119 32.2 24.8 37.2



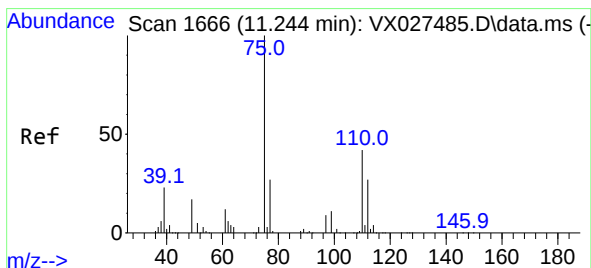
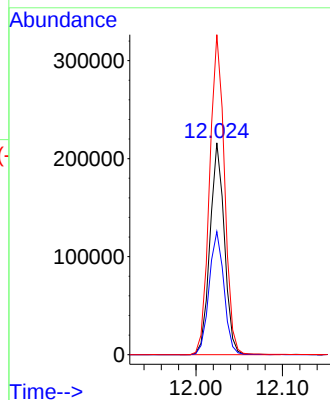
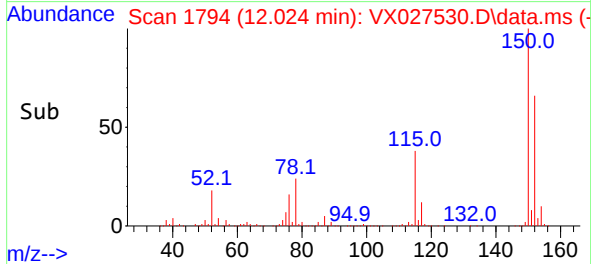


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX027530.D
 Acq: 18 Mar 2022 16:06

Instrument :
 MSVOA_X
 ClientSampleId :

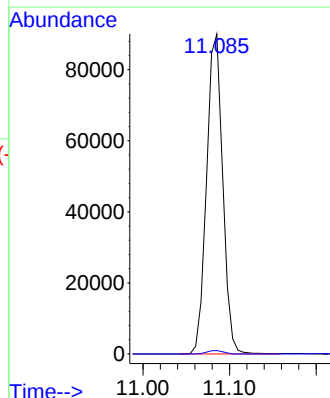
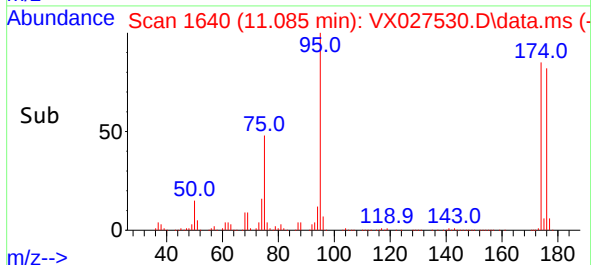
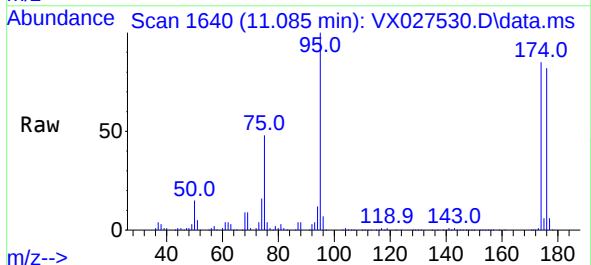


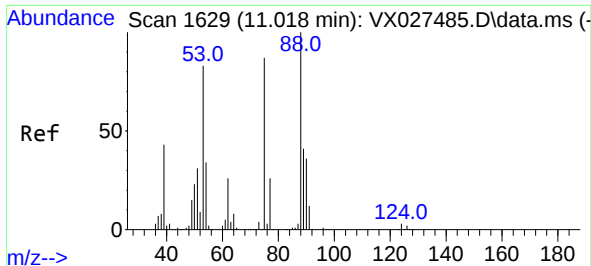
Tgt Ion:152 Resp: 249459
 Ion Ratio Lower Upper
 152 100
 115 59.8 37.5 112.7
 150 156.1 0.0 338.2



#76
 1,2,3-Trichloropropane
 Concen: 22.326 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.158 min
 Lab File: VX027530.D
 Acq: 18 Mar 2022 16:06

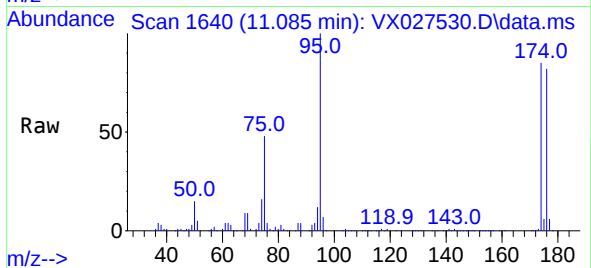
Tgt Ion: 75 Resp: 116495
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 67.806 ug/l
 RT: 11.085 min Scan# 11
 Delta R.T. 0.067 min
 Lab File: VX027530.D
 Acq: 18 Mar 2022 16:06

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 116495
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.0 37.0 55.6#

