

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031722\
 Data File : VX027497.D
 Acq On : 17 Mar 2022 19:22
 Operator : JC/MD
 Sample : N1997-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-103

Quant Time: Mar 18 02:06:43 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)

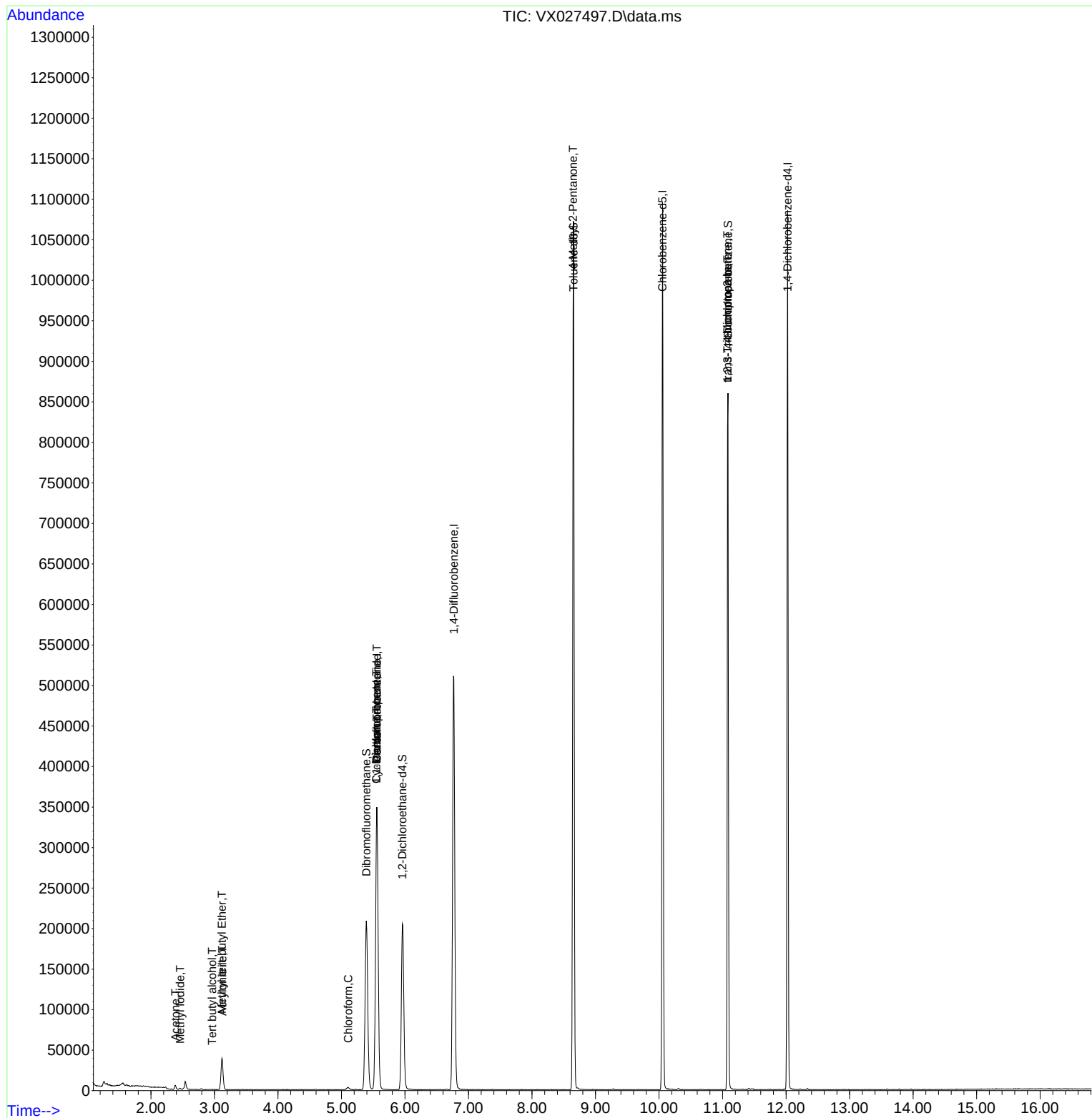
Internal Standards						
1) Pentafluorobenzene	5.556	168	334854	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	545834	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	495673	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	226503	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	208549	50.557	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 101.120%	
35) Dibromofluoromethane	5.391	113	183501	52.253	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 104.500%	
50) Toluene-d8	8.653	98	641513	48.274	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 96.540%	
62) 4-Bromofluorobenzene	11.085	95	231907	47.479	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 94.960%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.611	94	685	Below Cal	#	71
10) Methyl Iodide	2.459	142	1304	0.304	ug/l #	95
11) Tert butyl alcohol	2.965	59	192	0.244	ug/l #	72
15) Acrylonitrile	3.123	53	637	0.356	ug/l #	14
16) Acetone	2.386	43	5568	3.312	ug/l	90
19) Methyl tert-butyl Ether	3.117	73	43302	4.128	ug/l	98
30) Chloroform	5.105	83	3698	0.580	ug/l	97
31) Cyclohexane	5.550	56	6374	1.244	ug/l #	21
36) 1,1-Dichloropropene	5.550	75	23769	4.953	ug/l #	50
38) Carbon Tetrachloride	5.556	117	34097	6.210	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	2455	0.500	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	115486	24.376	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	115486	74.031	ug/l #	15

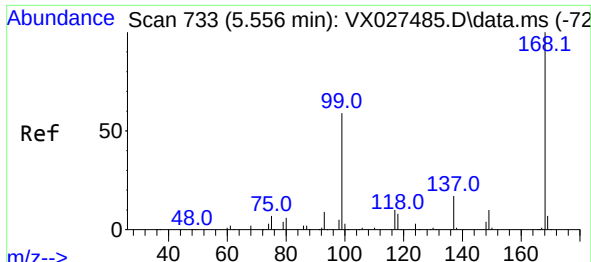
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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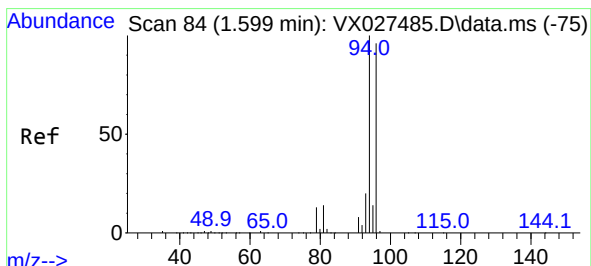
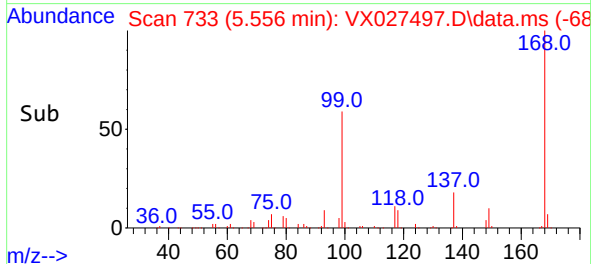
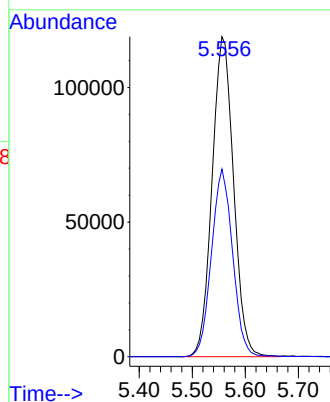
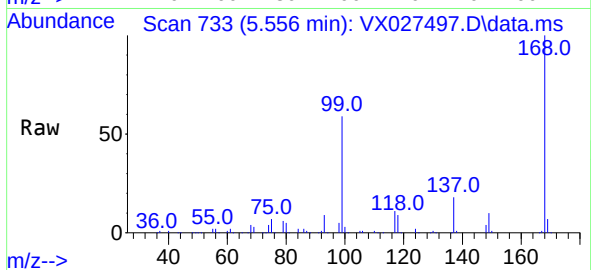




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027497.D
Acq: 17 Mar 2022 19:22

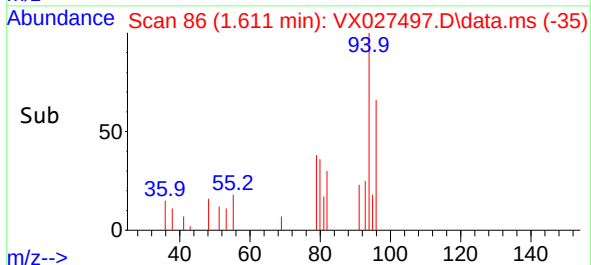
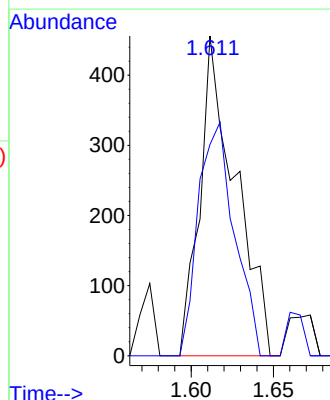
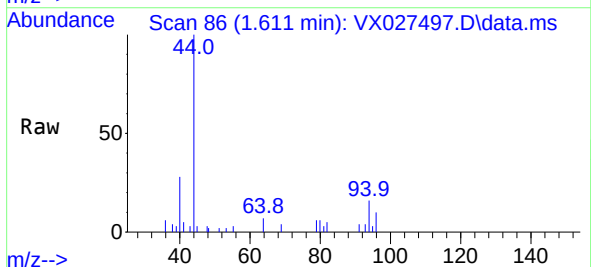
Instrument :
MSVOA_X
ClientSampleId :
MW-103

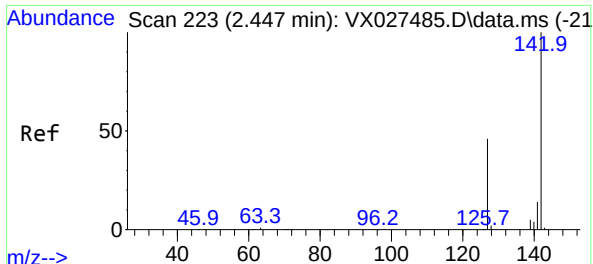
Tgt Ion:168 Resp: 334854
Ion Ratio Lower Upper
168 100
99 58.6 41.7 62.5



#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX027497.D
Acq: 17 Mar 2022 19:22

Tgt Ion: 94 Resp: 685
Ion Ratio Lower Upper
94 100
96 66.0 75.3 112.9#

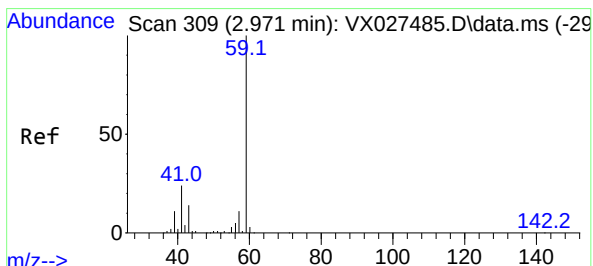
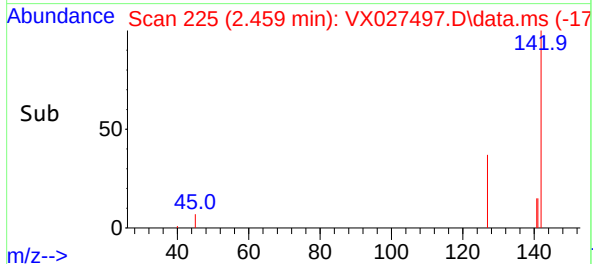
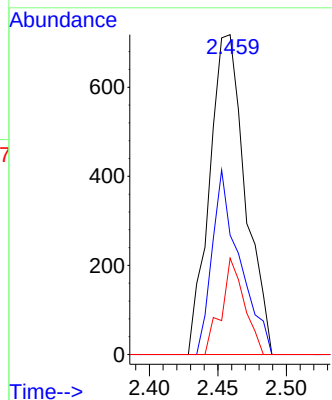
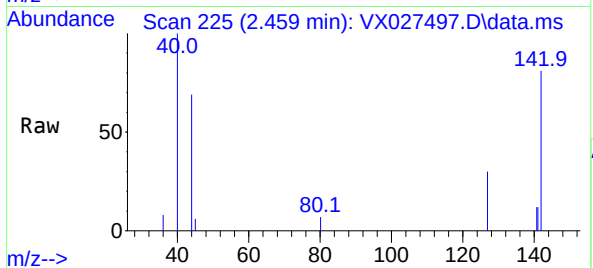




#10
Methyl Iodide
Concen: 0.304 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX027497.D
Acq: 17 Mar 2022 19:22

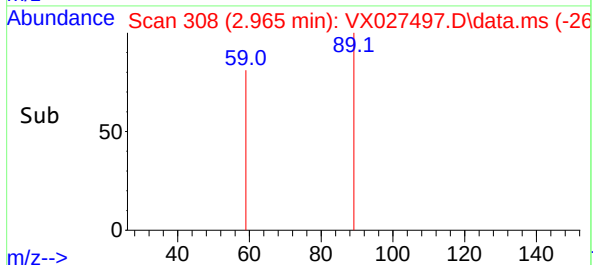
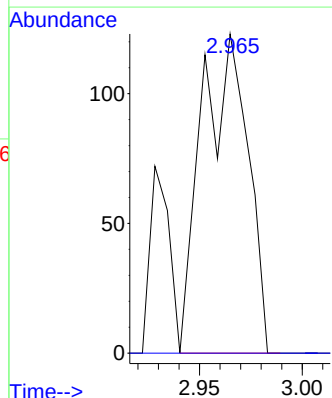
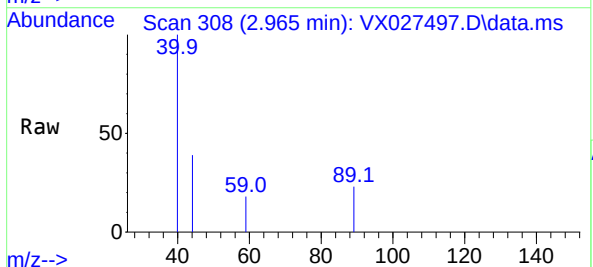
Instrument :
MSVOA_X
ClientSampleId :
MW-103

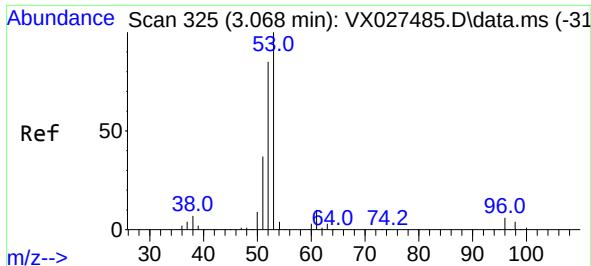
Tgt Ion:142 Resp: 1304
Ion Ratio Lower Upper
142 100
127 44.2 33.9 50.9
141 19.3 11.4 17.2#



#11
Tert butyl alcohol
Concen: 0.244 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.006 min
Lab File: VX027497.D
Acq: 17 Mar 2022 19:22

Tgt Ion: 59 Resp: 192
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

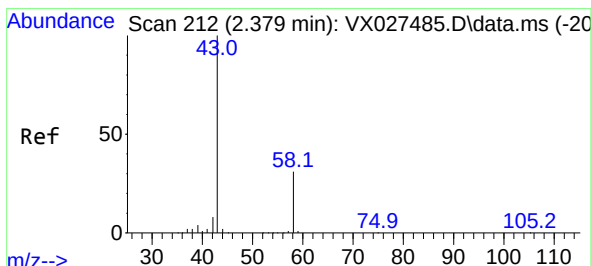
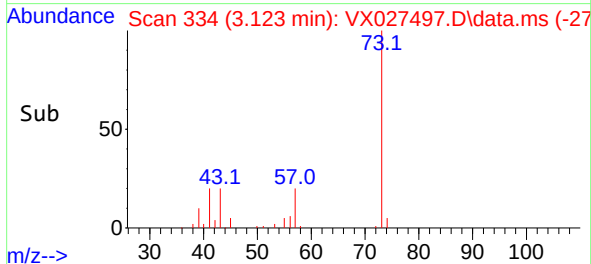
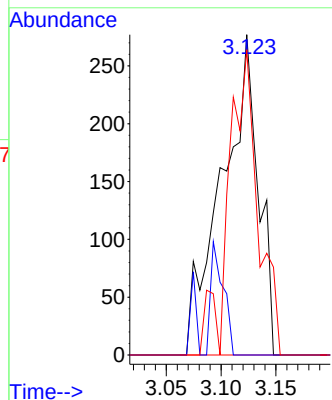
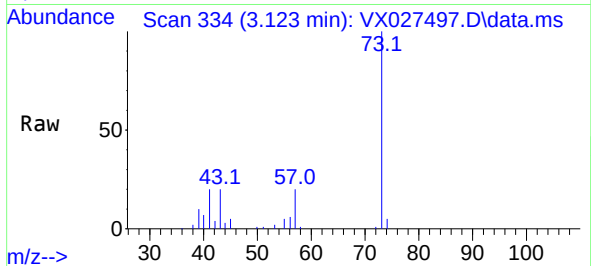




#15
Acrylonitrile
Concen: 0.356 ug/l
RT: 3.123 min Scan# 31
Delta R.T. 0.055 min
Lab File: VX027497.D
Acq: 17 Mar 2022 19:22

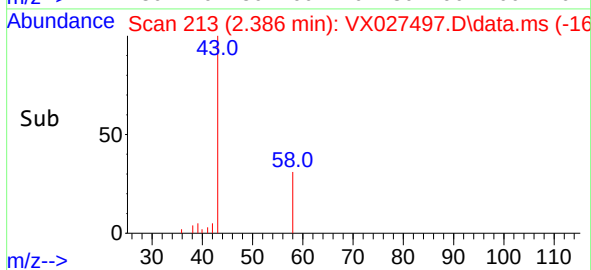
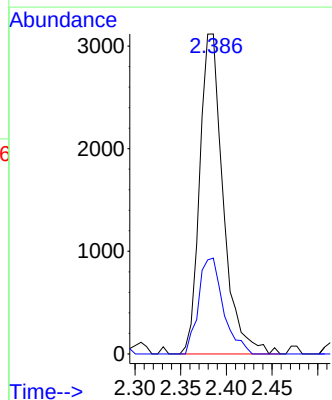
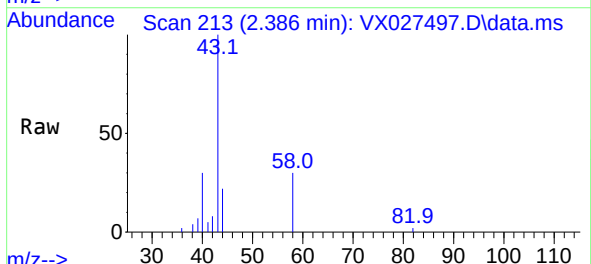
Instrument :
MSVOA_X
ClientSampleId :
MW-103

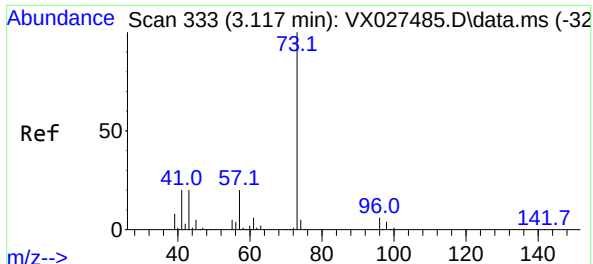
Tgt Ion: 53 Resp: 637
Ion Ratio Lower Upper
53 100
52 0.0 65.7 98.5#
51 77.1 28.4 42.6#



#16
Acetone
Concen: 3.312 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX027497.D
Acq: 17 Mar 2022 19:22

Tgt Ion: 43 Resp: 5568
Ion Ratio Lower Upper
43 100
58 29.9 28.8 43.2

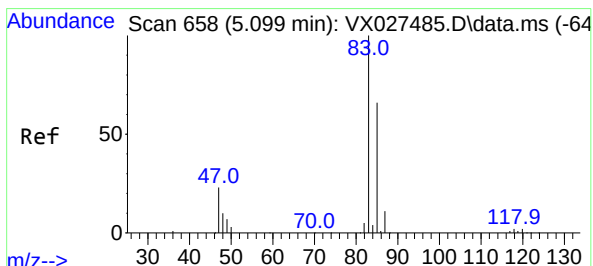
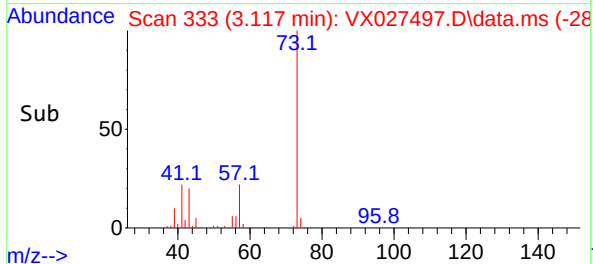
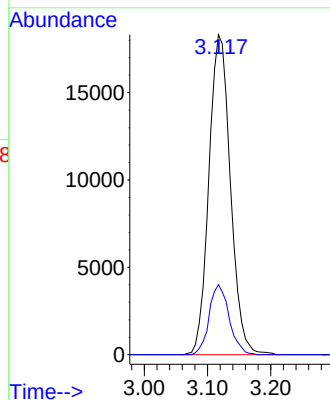
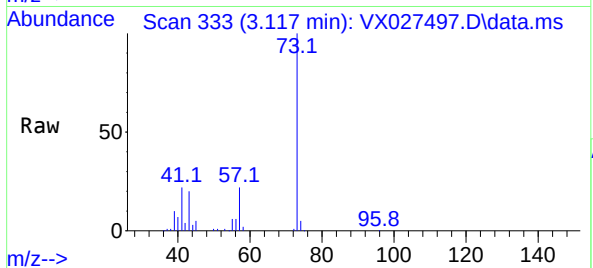




#19
Methyl tert-butyl Ether
Concen: 4.128 ug/l
RT: 3.117 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX027497.D
Acq: 17 Mar 2022 19:22

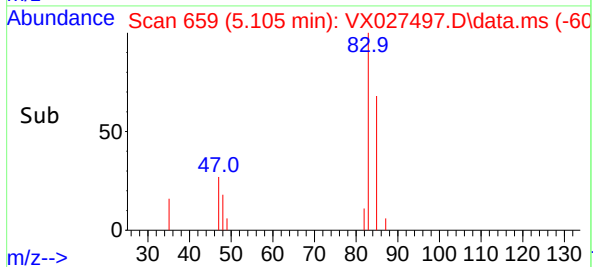
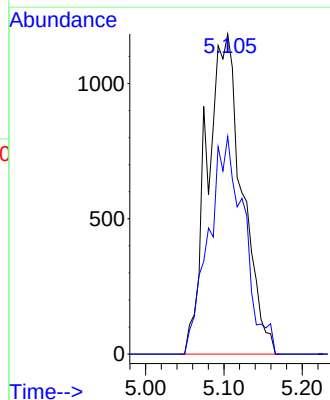
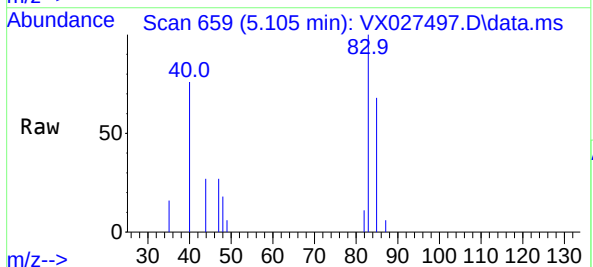
Instrument :
MSVOA_X
ClientSampleId :
MW-103

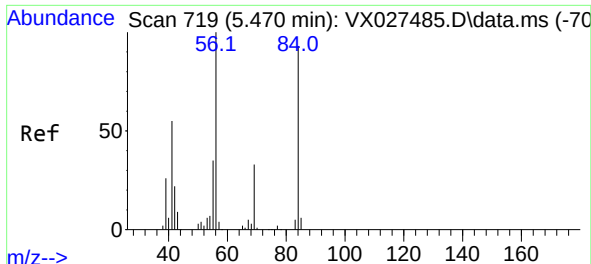
Tgt Ion: 73 Resp: 43302
Ion Ratio Lower Upper
73 100
57 21.9 16.8 25.2



#30
Chloroform
Concen: 0.580 ug/l
RT: 5.105 min Scan# 659
Delta R.T. 0.006 min
Lab File: VX027497.D
Acq: 17 Mar 2022 19:22

Tgt Ion: 83 Resp: 3698
Ion Ratio Lower Upper
83 100
85 68.0 52.7 79.1

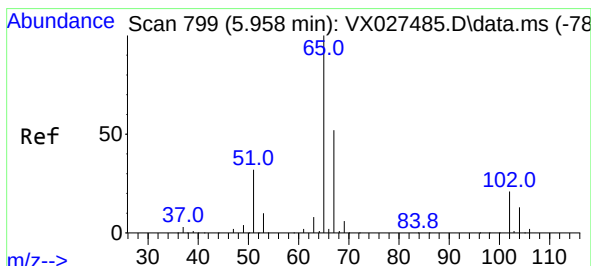
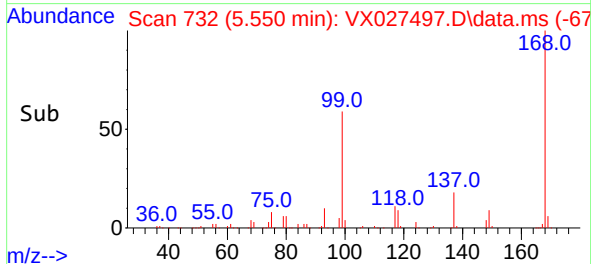
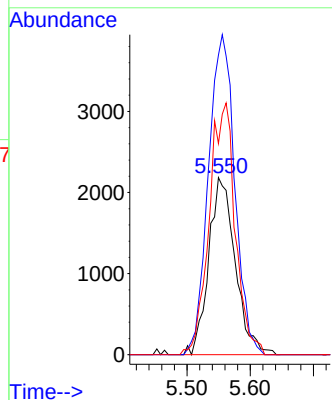
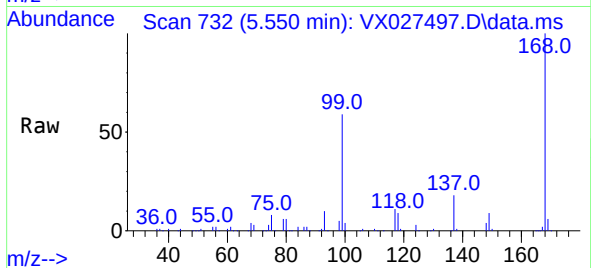




#31
Cyclohexane
Concen: 1.244 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX027497.D
Acq: 17 Mar 2022 19:22

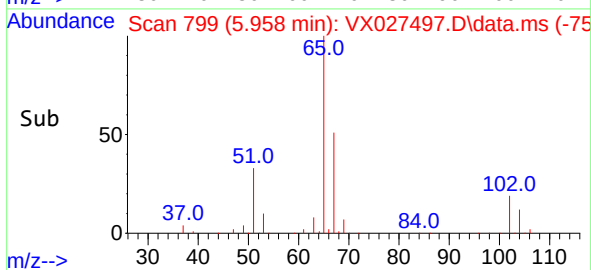
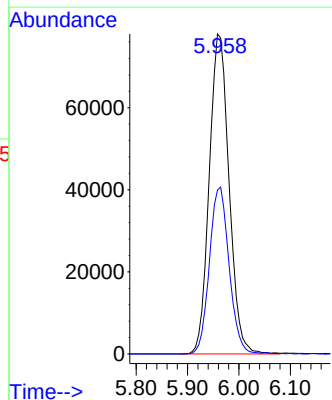
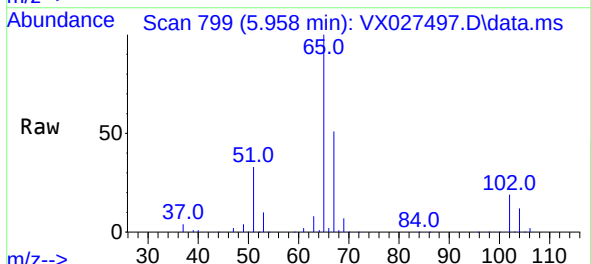
Instrument :
MSVOA_X
ClientSampleId :
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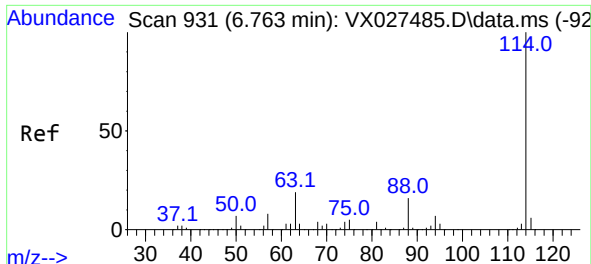
Tgt Ion: 56 Resp: 6374
Ion Ratio Lower Upper
56 100
69 169.1 26.7 40.1#
84 119.2 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 50.557 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX027497.D
Acq: 17 Mar 2022 19:22

Tgt Ion: 65 Resp: 208549
Ion Ratio Lower Upper
65 100
67 51.9 0.0 107.4

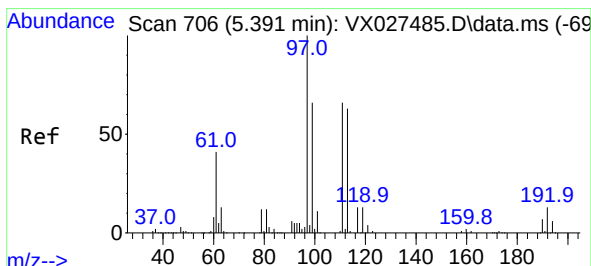
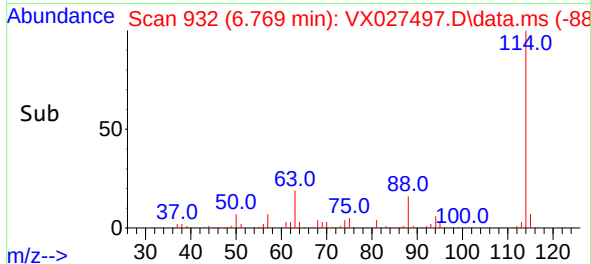
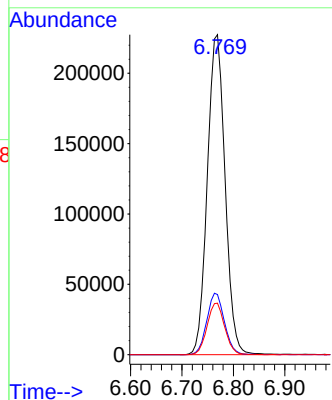
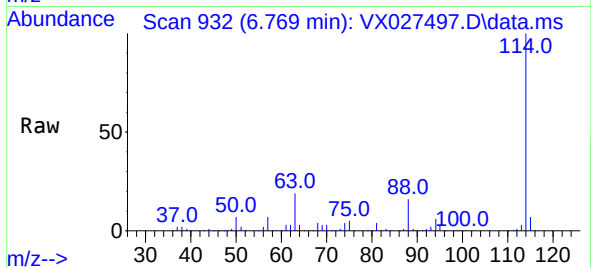




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX027497.D
Acq: 17 Mar 2022 19:22

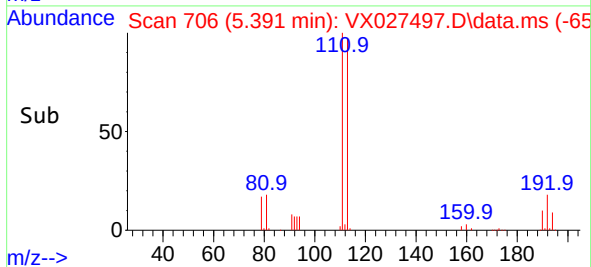
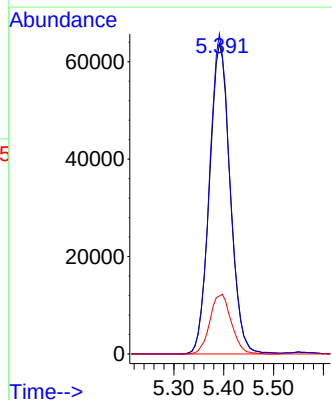
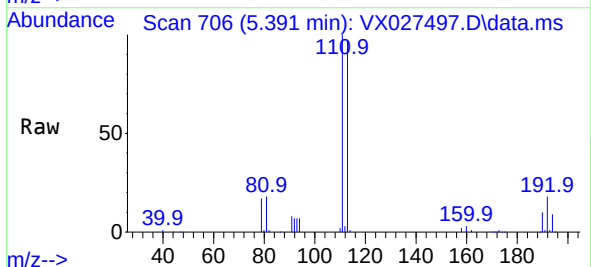
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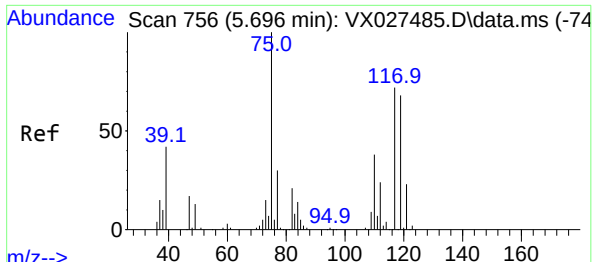
Tgt Ion:114 Resp: 545834
Ion Ratio Lower Upper
114 100
63 18.8 0.0 36.8
88 16.1 0.0 32.4



#35
Dibromofluoromethane
Concen: 52.253 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027497.D
Acq: 17 Mar 2022 19:22

Tgt Ion:113 Resp: 183501
Ion Ratio Lower Upper
113 100
111 101.7 82.8 124.2
192 19.8 16.9 25.3

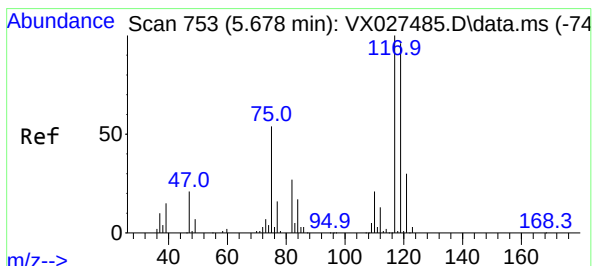
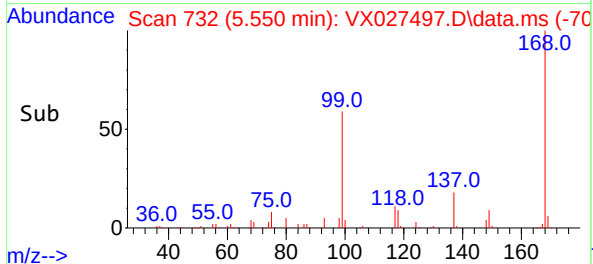
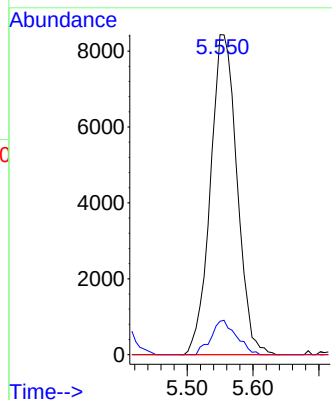
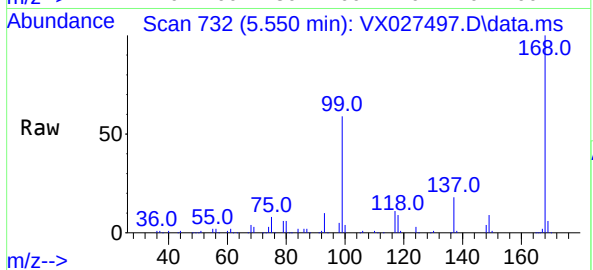




#36
1,1-Dichloropropene
Concen: 4.953 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX027497.D
Acq: 17 Mar 2022 19:22

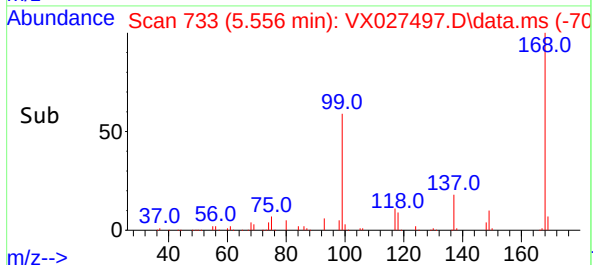
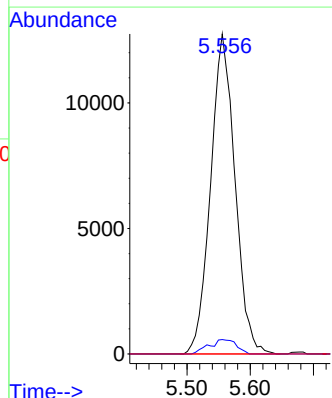
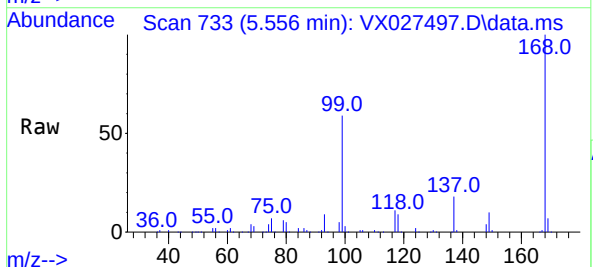
Instrument :
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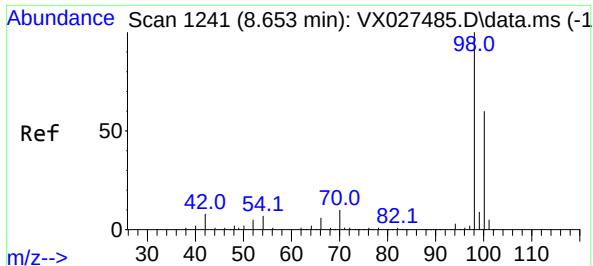
Tgt Ion: 75 Resp: 23769
Ion Ratio Lower Upper
75 100
110 10.2 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 6.210 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX027497.D
Acq: 17 Mar 2022 19:22

Tgt Ion: 117 Resp: 34097
Ion Ratio Lower Upper
117 100
119 4.5 77.3 115.9#
121 0.0 24.2 36.2#

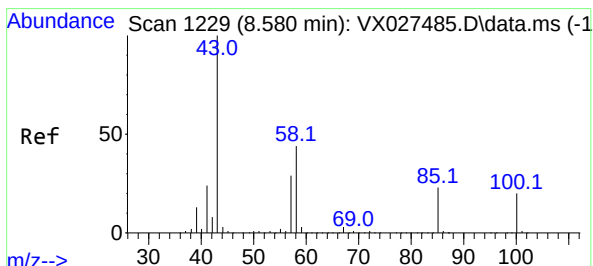
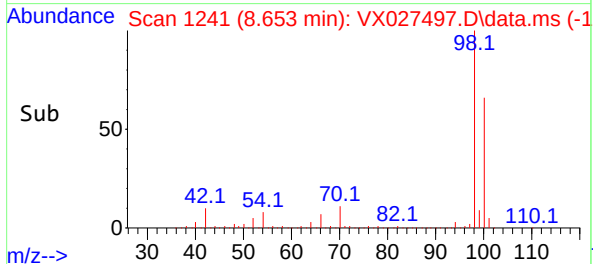
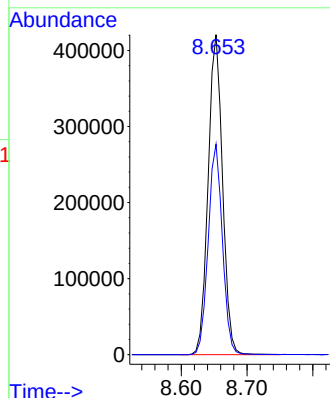
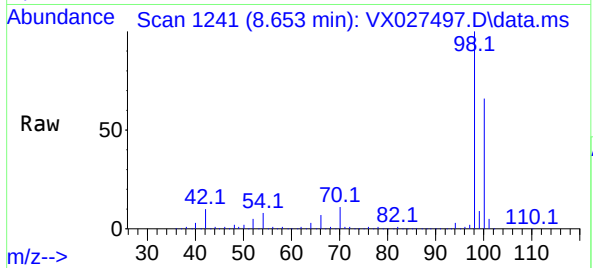




#50
Toluene-d8
Concen: 48.274 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027497.D
Acq: 17 Mar 2022 19:22

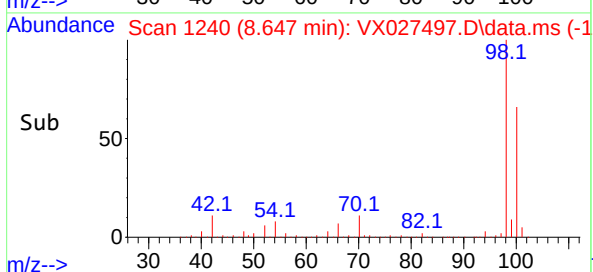
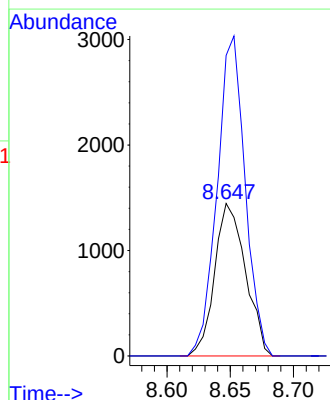
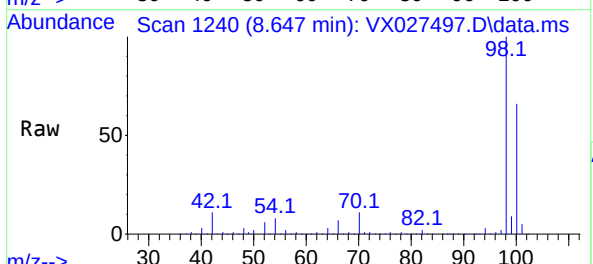
Instrument :
MSVOA_X
ClientSampleId :
MW-103

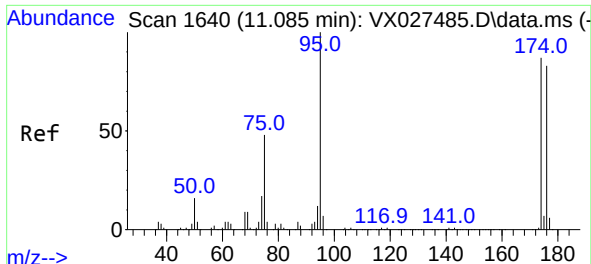
Tgt Ion: 98 Resp: 641513
Ion Ratio Lower Upper
98 100
100 64.9 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.500 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.067 min
Lab File: VX027497.D
Acq: 17 Mar 2022 19:22

Tgt Ion: 43 Resp: 2455
Ion Ratio Lower Upper
43 100
58 190.0 36.1 54.1#

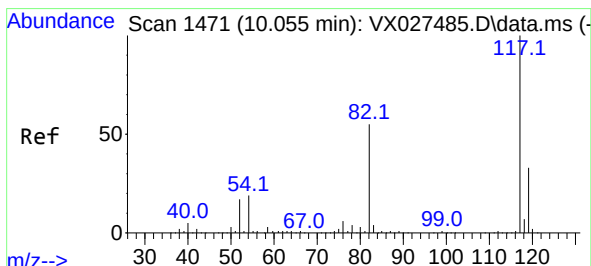
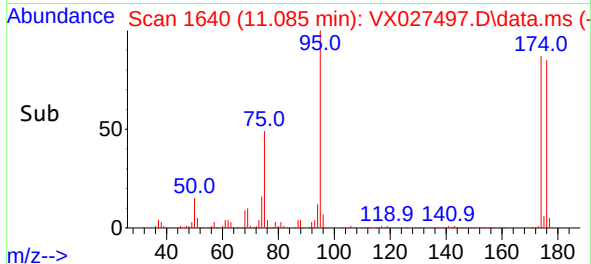
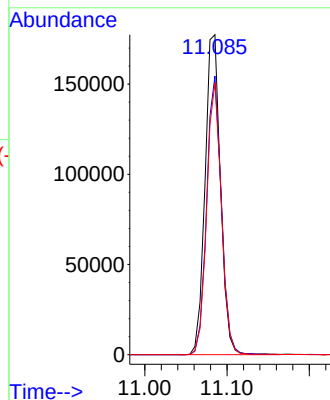
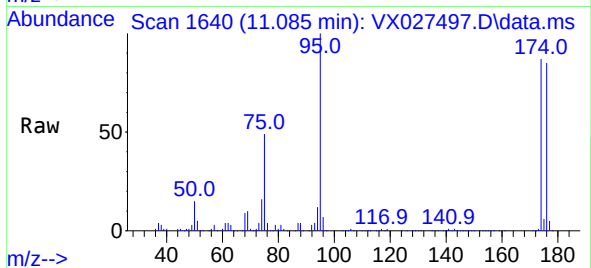




#62
4-Bromofluorobenzene
Concen: 47.479 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX027497.D
Acq: 17 Mar 2022 19:22

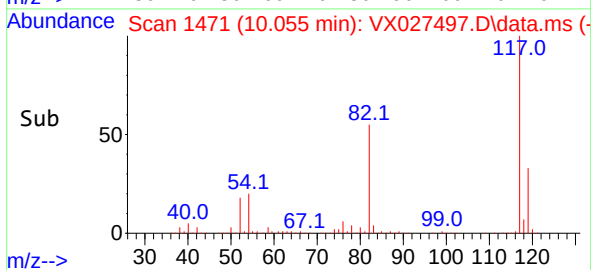
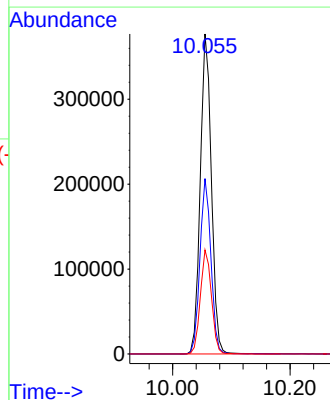
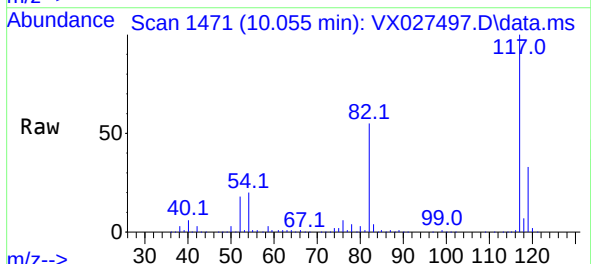
Instrument :
MSVOA_X
ClientSampleId :
MW-103

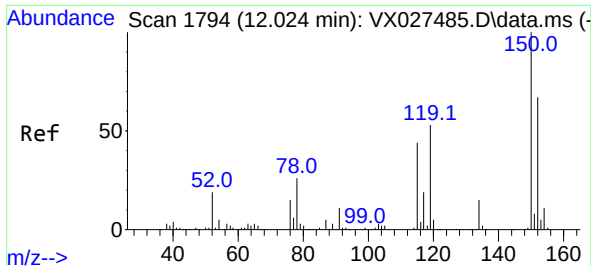
Tgt Ion: 95 Resp: 231907
Ion Ratio Lower Upper
95 100
174 83.1 0.0 163.0
176 80.6 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027497.D
Acq: 17 Mar 2022 19:22

Tgt Ion: 117 Resp: 495673
Ion Ratio Lower Upper
117 100
82 54.8 41.8 62.8
119 32.5 24.8 37.2

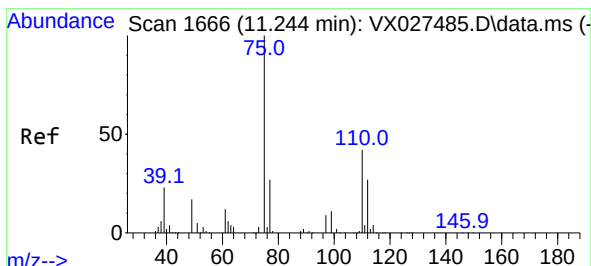
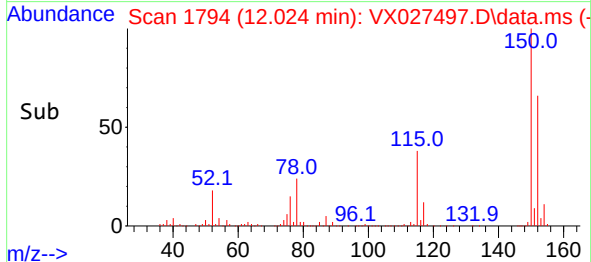
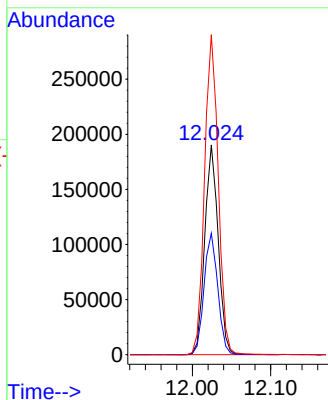
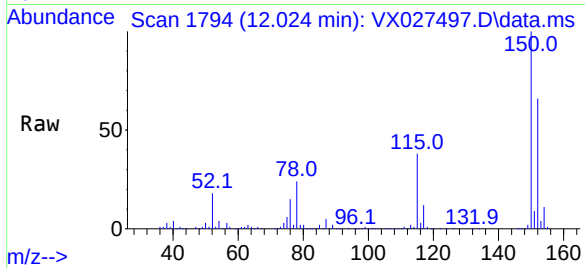




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027497.D
Acq: 17 Mar 2022 19:22

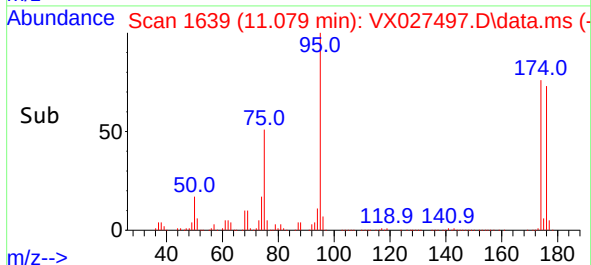
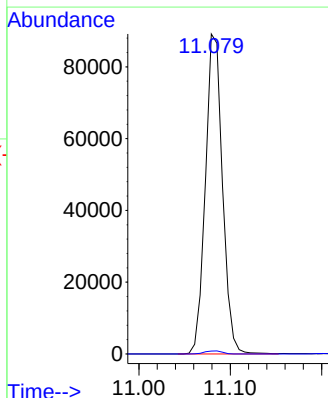
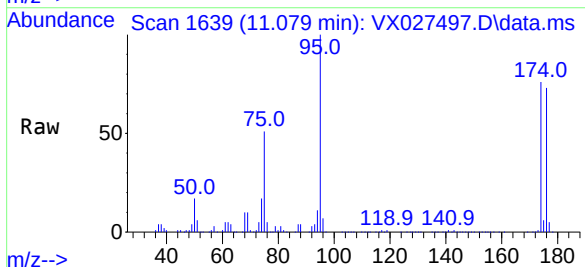
Instrument :
MSVOA_X
ClientSampleId :
MW-103

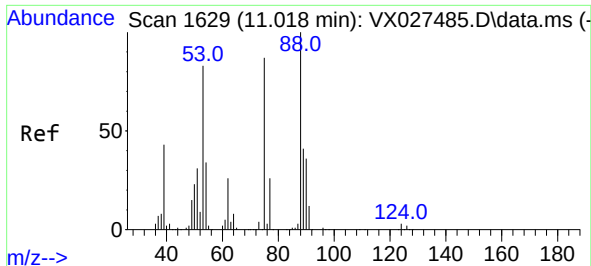
Tgt Ion:152 Resp: 226503
Ion Ratio Lower Upper
152 100
115 59.0 37.5 112.7
150 155.2 0.0 338.2



#76
1,2,3-Trichloropropane
Concen: 24.376 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX027497.D
Acq: 17 Mar 2022 19:22

Tgt Ion: 75 Resp: 115486
Ion Ratio Lower Upper
75 100
77 1.0 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 74.031 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX027497.D
 Acq: 17 Mar 2022 19:22

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-103

Tgt Ion: 75 Resp: 115486
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.0 37.0 55.6#

