

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031722\
 Data File : VX027504.D
 Acq On : 17 Mar 2022 22:08
 Operator : JC/MD
 Sample : N1997-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-108

Quant Time: Mar 18 02:07:56 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

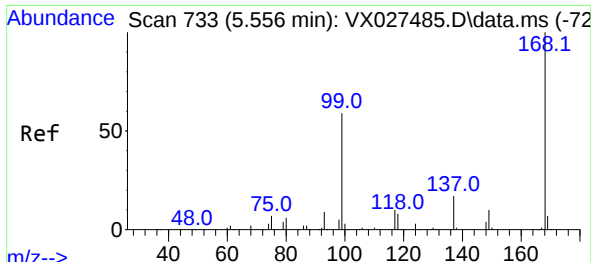
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.556	168	323817	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	531900	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	464147	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	199605	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	203904	51.115	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 102.240%	
35) Dibromofluoromethane	5.391	113	178711	52.222	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 104.440%	
50) Toluene-d8	8.653	98	621778	48.014	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 96.020%	
62) 4-Bromofluorobenzene	11.085	95	212440	44.632	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 89.260%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.617	94	365	Below Cal	#	68
11) Tert butyl alcohol	2.971	59	2378	3.128	ug/l #	72
13) Acrolein	2.209	56	123	0.208	ug/l #	1
15) Acrylonitrile	3.123	53	724	0.419	ug/l #	34
16) Acetone	2.386	43	6992	4.300	ug/l	88
19) Methyl tert-butyl Ether	3.117	73	52851	5.210	ug/l	99
30) Chloroform	5.092	83	1653	0.268	ug/l	86
31) Cyclohexane	5.556	56	5950	1.201	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	23177	4.956	ug/l #	50
38) Carbon Tetrachloride	5.556	117	32963	6.161	ug/l #	16
40) Benzene	6.050	78	7056	0.526	ug/l	97
42) 1,2-Dichloroethane	6.098	62	6830	1.358	ug/l	94
51) 4-Methyl-2-Pentanone	8.574	43	1336	0.279	ug/l	88
56) Ethyl methacrylate	8.842	69	1629	0.297	ug/l #	51
76) 1,2,3-Trichloropropane	11.085	75	105471	25.262	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	105471	76.722	ug/l #	15

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

Quant Time: Mar 18 02:07:56 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

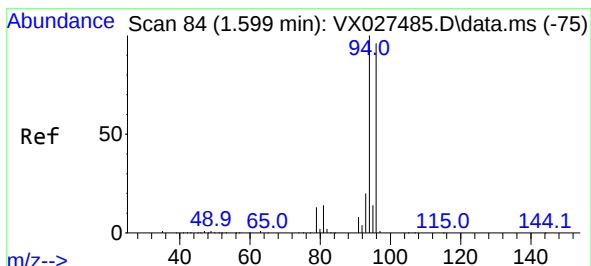
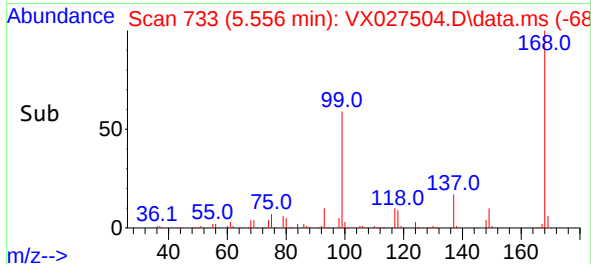
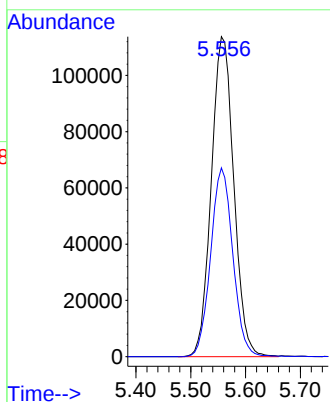
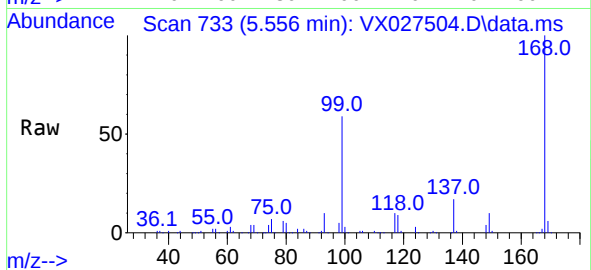




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027504.D
Acq: 17 Mar 2022 22:08

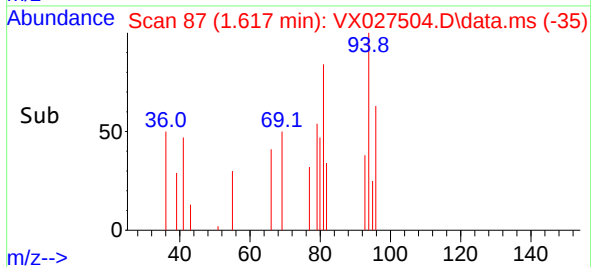
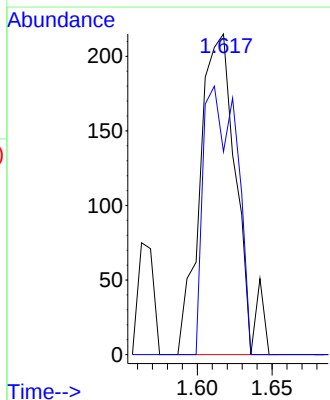
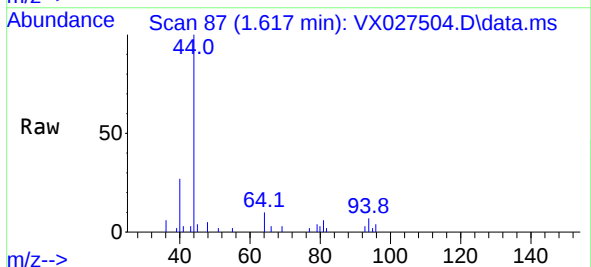
Instrument :
MSVOA_X
ClientSampleId :
MW-108

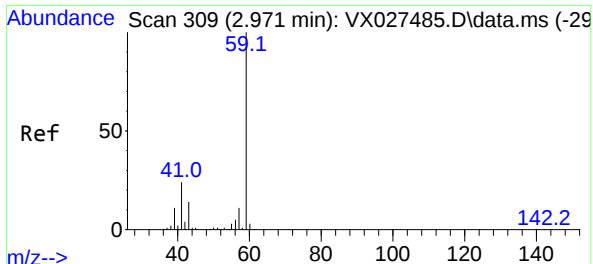
Tgt Ion:168 Resp: 323817
Ion Ratio Lower Upper
168 100
99 59.0 41.7 62.5



#5
Bromomethane
Concen: Below Cal
RT: 1.617 min Scan# 87
Delta R.T. 0.018 min
Lab File: VX027504.D
Acq: 17 Mar 2022 22:08

Tgt Ion: 94 Resp: 365
Ion Ratio Lower Upper
94 100
96 63.3 75.3 112.9#

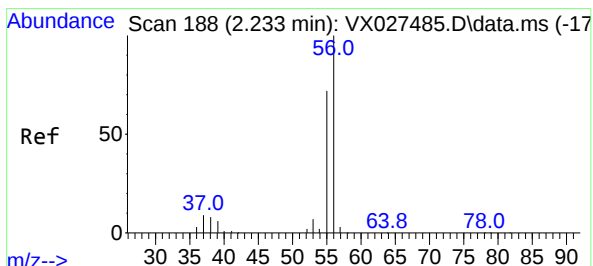
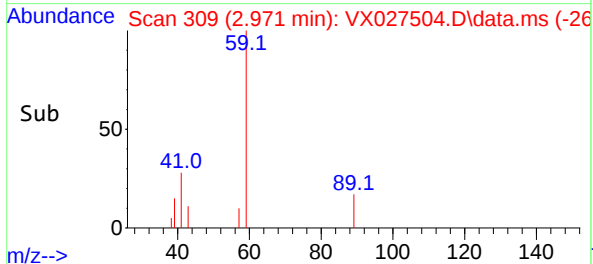
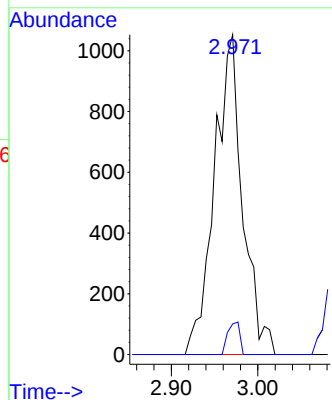
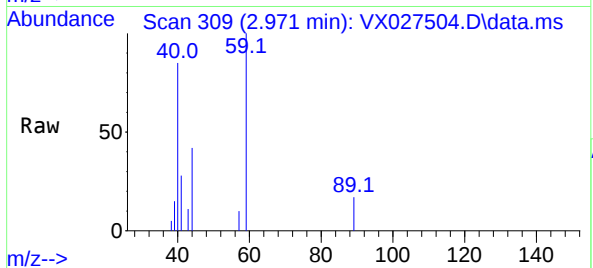




#11
Tert butyl alcohol
Concen: 3.128 ug/l
RT: 2.971 min Scan# 309
Delta R.T. 0.000 min
Lab File: VX027504.D
Acq: 17 Mar 2022 22:08

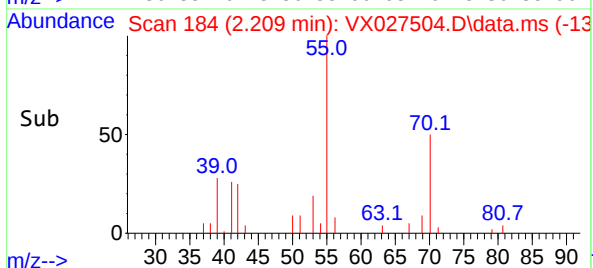
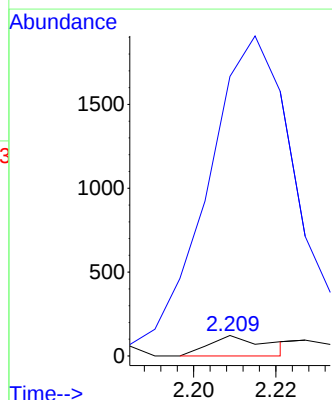
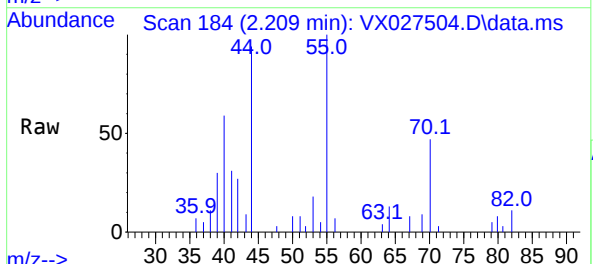
Instrument : MSVOA_X
ClientSampleId : MW-108

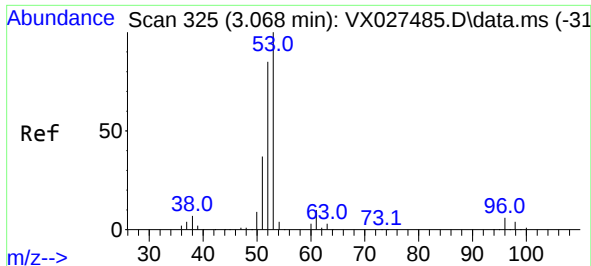
Tgt Ion: 59 Resp: 2378
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#13
Acrolein
Concen: 0.208 ug/l
RT: 2.209 min Scan# 184
Delta R.T. -0.024 min
Lab File: VX027504.D
Acq: 17 Mar 2022 22:08

Tgt Ion: 56 Resp: 123
Ion Ratio Lower Upper
56 100
55 2534.1 55.0 82.6#

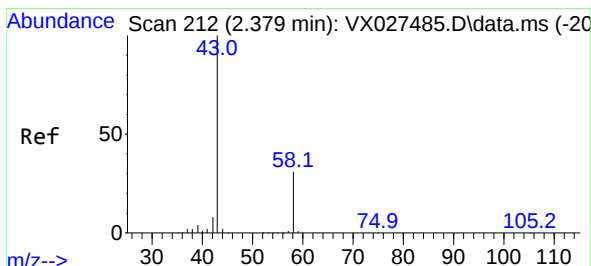
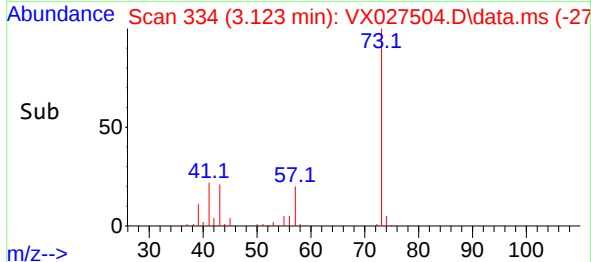
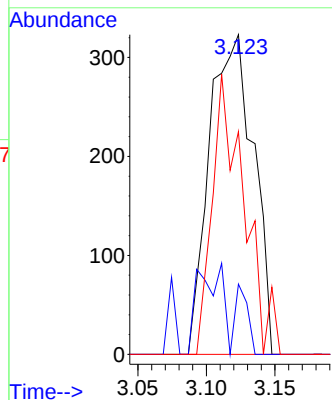
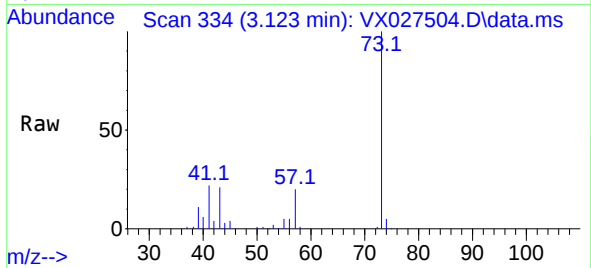




#15
Acrylonitrile
Concen: 0.419 ug/l
RT: 3.123 min Scan# 31
Delta R.T. 0.055 min
Lab File: VX027504.D
Acq: 17 Mar 2022 22:08

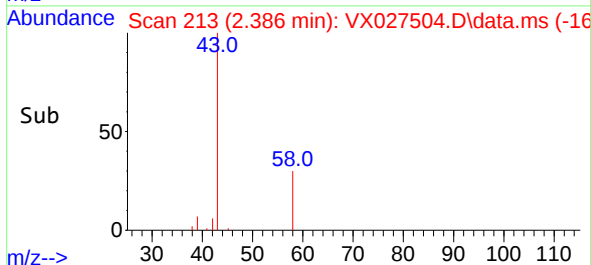
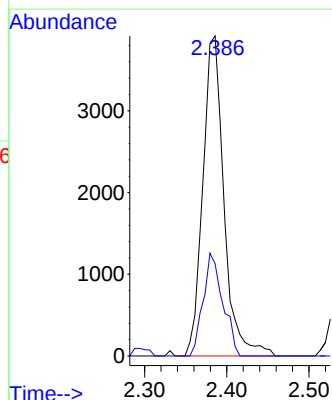
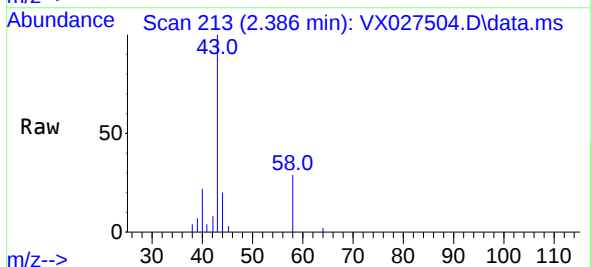
Instrument :
MSVOA_X
ClientSampleId :
MW-108

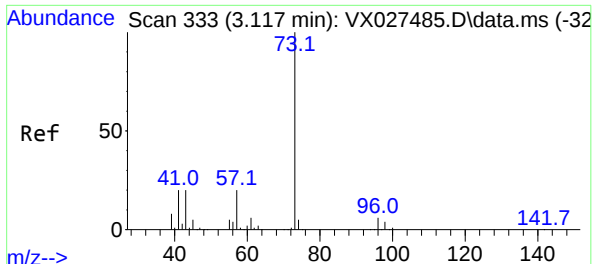
Tgt Ion: 53 Resp: 724
Ion Ratio Lower Upper
53 100
52 15.7 65.7 98.5#
51 63.4 28.4 42.6#



#16
Acetone
Concen: 4.300 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX027504.D
Acq: 17 Mar 2022 22:08

Tgt Ion: 43 Resp: 6992
Ion Ratio Lower Upper
43 100
58 28.9 28.8 43.2

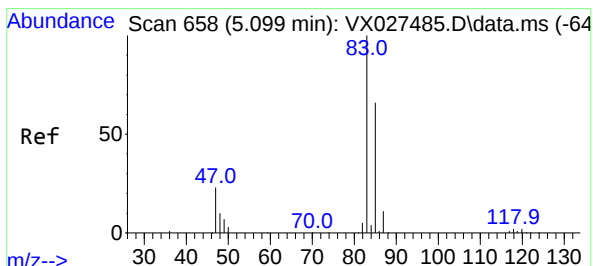
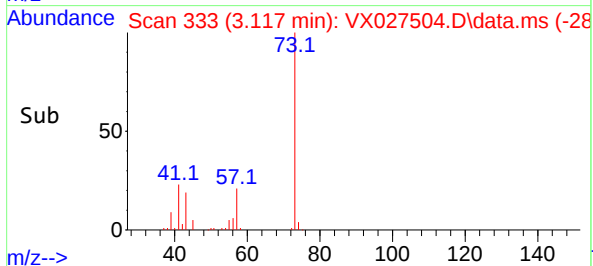
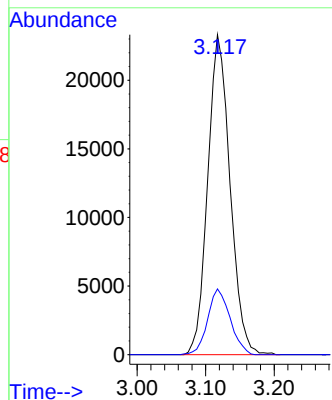
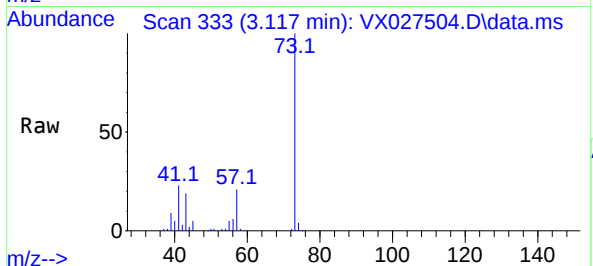




#19
Methyl tert-butyl Ether
Concen: 5.210 ug/l
RT: 3.117 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX027504.D
Acq: 17 Mar 2022 22:08

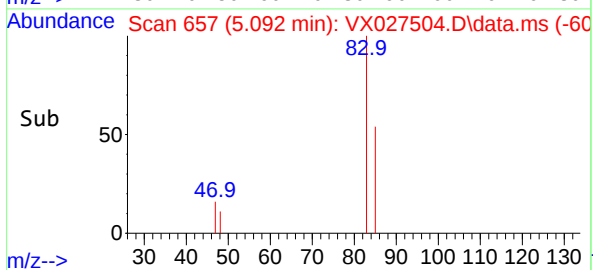
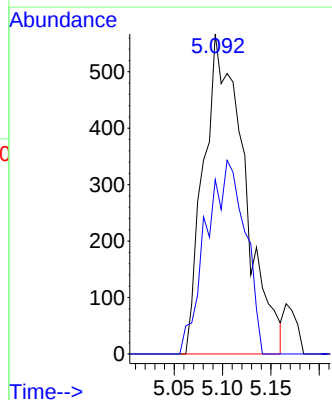
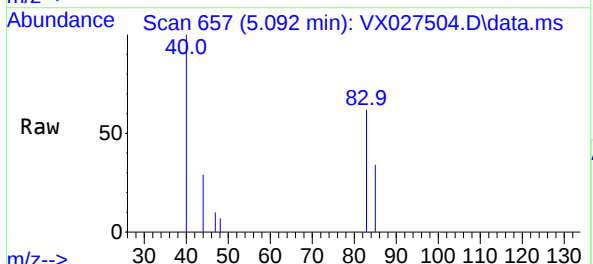
Instrument :
MSVOA_X
ClientSampleId :
MW-108

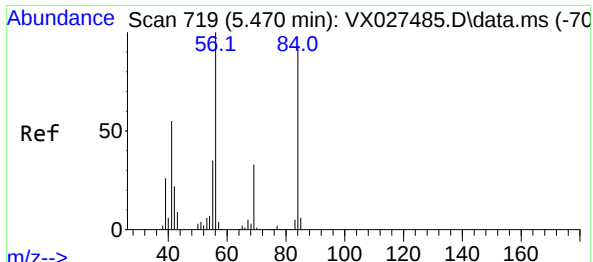
Tgt Ion: 73 Resp: 52851
Ion Ratio Lower Upper
73 100
57 20.5 16.8 25.2



#30
Chloroform
Concen: 0.268 ug/l
RT: 5.092 min Scan# 657
Delta R.T. -0.006 min
Lab File: VX027504.D
Acq: 17 Mar 2022 22:08

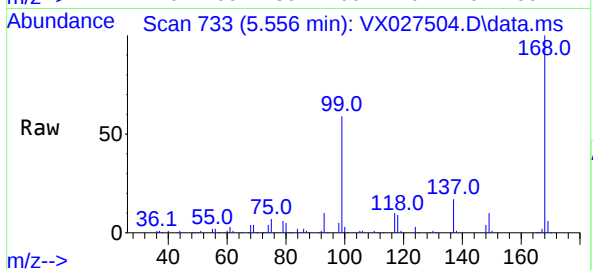
Tgt Ion: 83 Resp: 1653
Ion Ratio Lower Upper
83 100
85 54.5 52.7 79.1



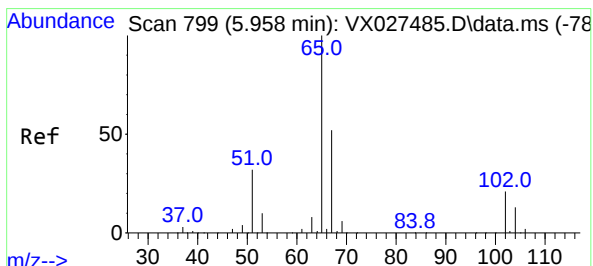
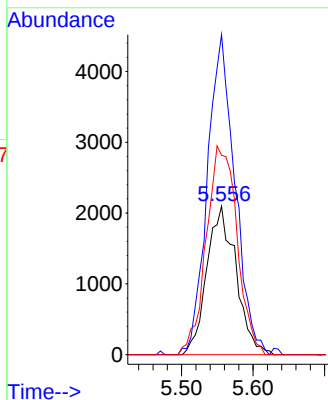
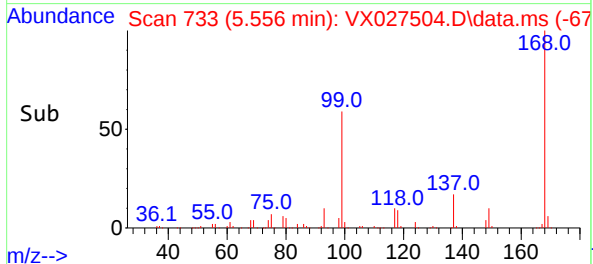


#31
Cyclohexane
Concen: 1.201 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX027504.D
Acq: 17 Mar 2022 22:08

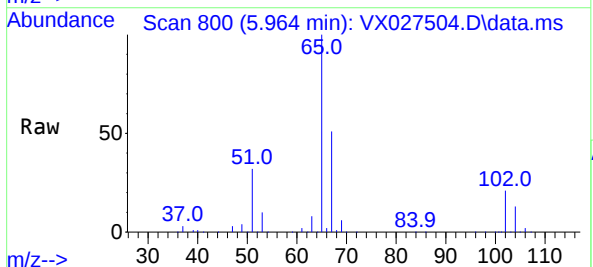
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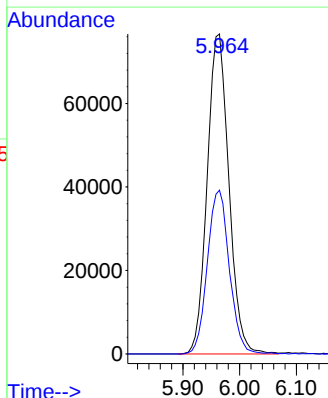
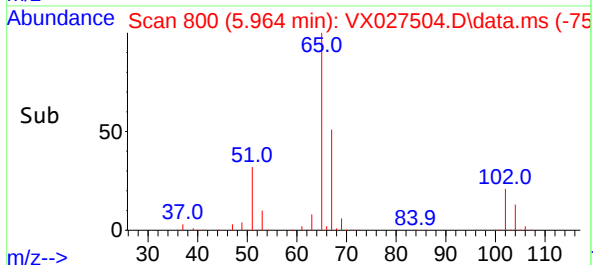
Tgt Ion: 56 Resp: 5950
Ion Ratio Lower Upper
56 100
69 215.5 26.7 40.1#
84 134.2 77.2 115.8#

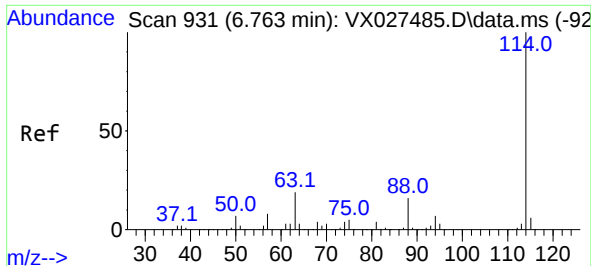


#33
1,2-Dichloroethane-d4
Concen: 51.115 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX027504.D
Acq: 17 Mar 2022 22:08



Tgt Ion: 65 Resp: 203904
Ion Ratio Lower Upper
65 100
67 51.8 0.0 107.4

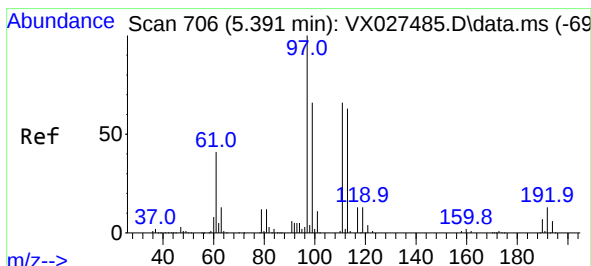
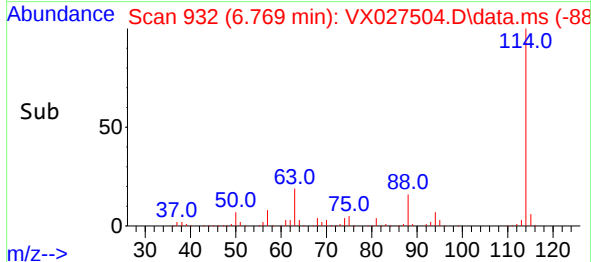
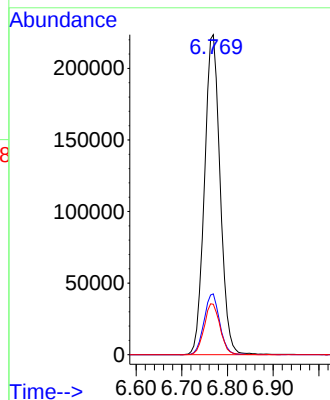
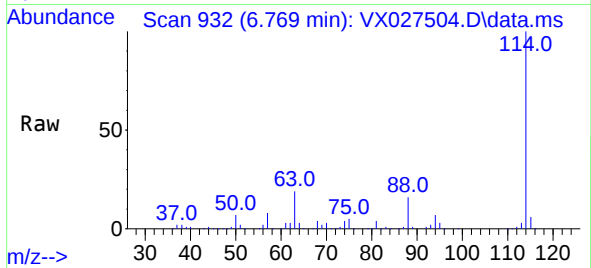




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX027504.D
Acq: 17 Mar 2022 22:08

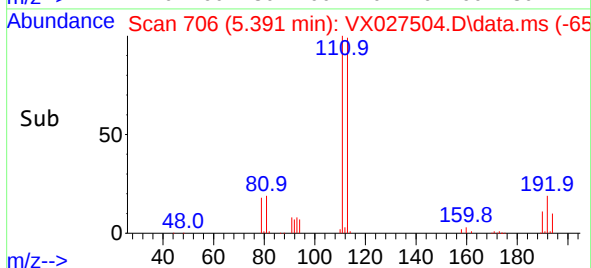
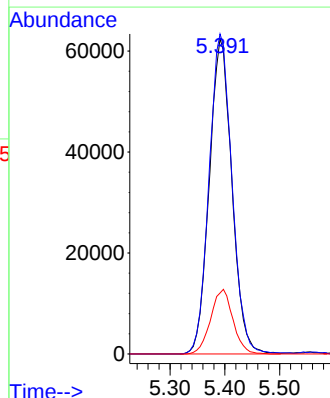
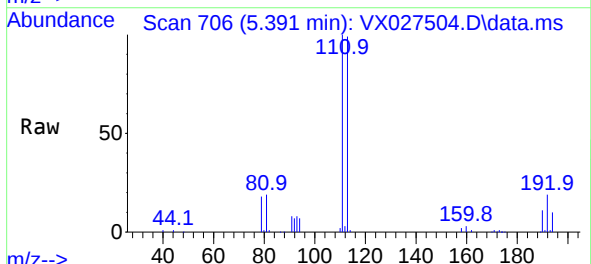
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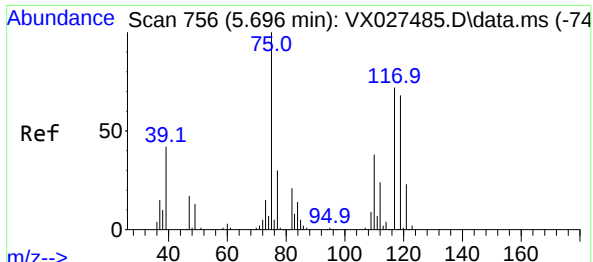
Tgt Ion:114 Resp: 531900
Ion Ratio Lower Upper
114 100
63 19.0 0.0 36.8
88 15.7 0.0 32.4



#35
Dibromofluoromethane
Concen: 52.222 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027504.D
Acq: 17 Mar 2022 22:08

Tgt Ion:113 Resp: 178711
Ion Ratio Lower Upper
113 100
111 102.9 82.8 124.2
192 20.2 16.9 25.3

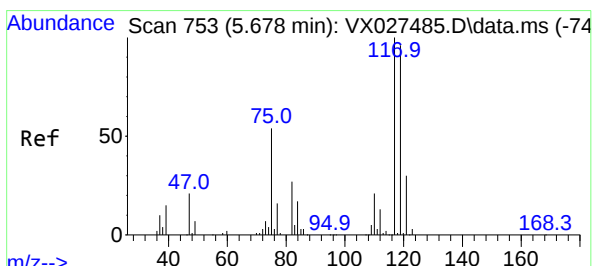
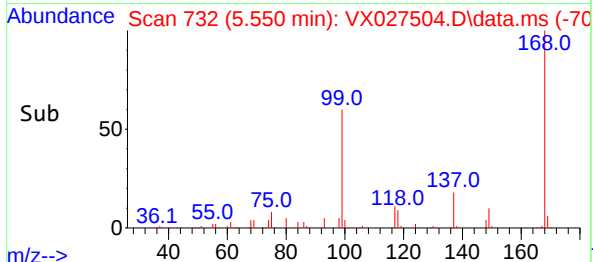
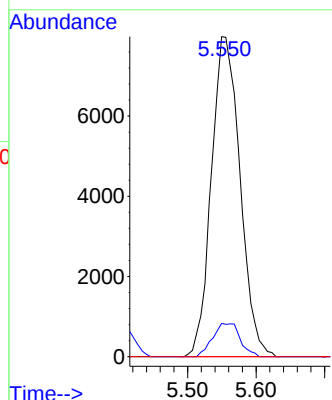
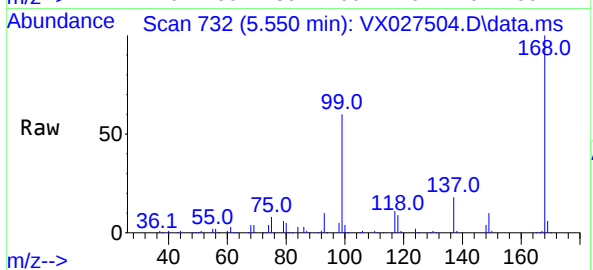




#36
1,1-Dichloropropene
Concen: 4.956 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX027504.D
Acq: 17 Mar 2022 22:08

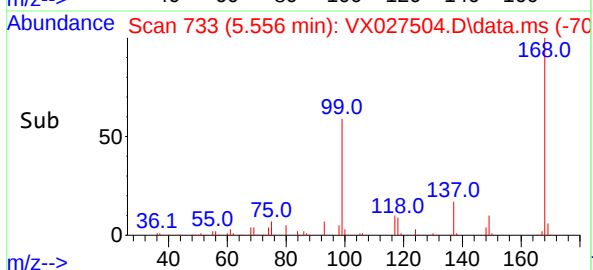
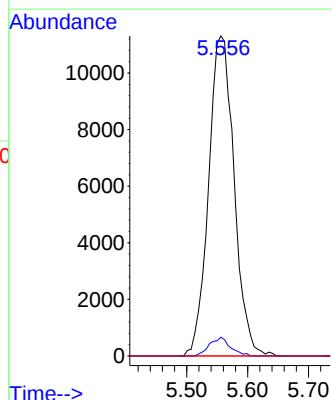
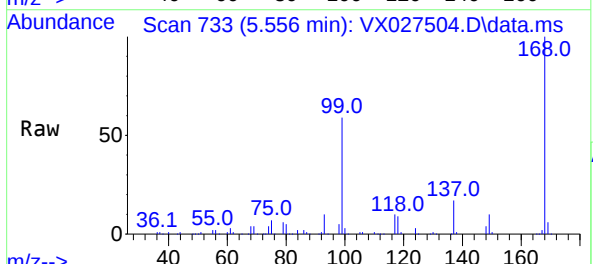
Instrument :
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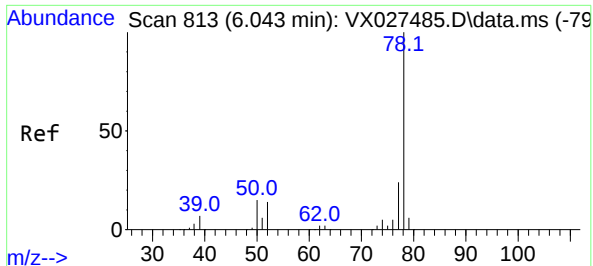
Tgt Ion: 75 Resp: 23177
Ion Ratio Lower Upper
75 100
110 9.9 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 6.161 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX027504.D
Acq: 17 Mar 2022 22:08

Tgt Ion: 117 Resp: 32963
Ion Ratio Lower Upper
117 100
119 5.9 77.3 115.9#
121 0.0 24.2 36.2#

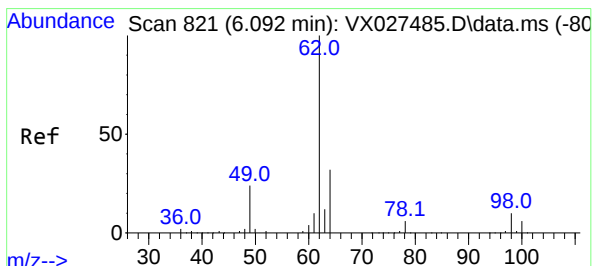
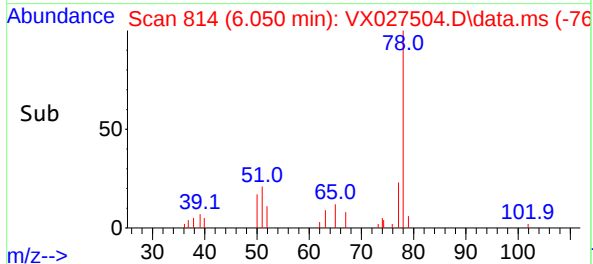
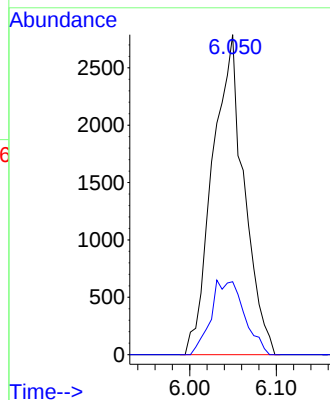
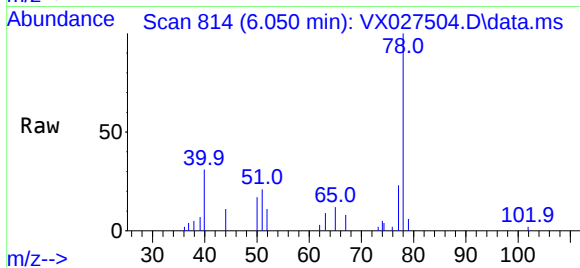




#40
Benzene
Concen: 0.526 ug/l
RT: 6.050 min Scan# 813
Delta R.T. 0.006 min
Lab File: VX027504.D
Acq: 17 Mar 2022 22:08

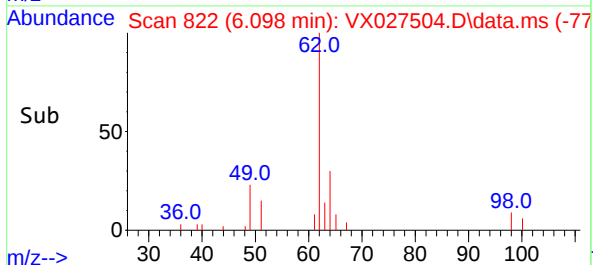
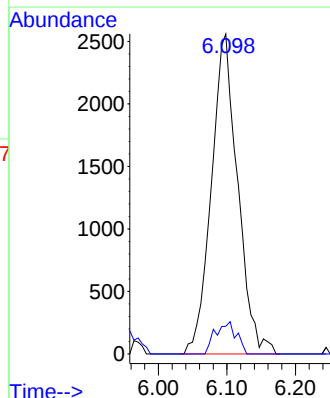
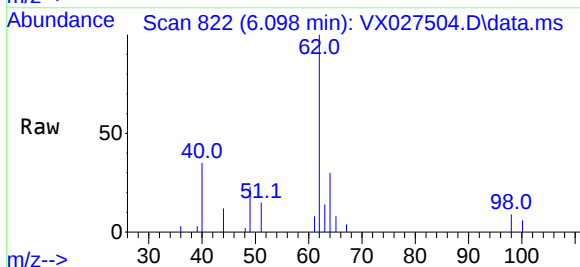
Instrument :
MSVOA_X
ClientSampleId :
MW-108

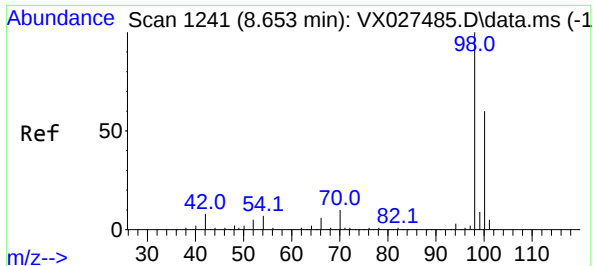
Tgt Ion: 78 Resp: 7056
Ion Ratio Lower Upper
78 100
77 22.8 19.3 28.9



#42
1,2-Dichloroethane
Concen: 1.358 ug/l
RT: 6.098 min Scan# 822
Delta R.T. 0.006 min
Lab File: VX027504.D
Acq: 17 Mar 2022 22:08

Tgt Ion: 62 Resp: 6830
Ion Ratio Lower Upper
62 100
98 8.0 0.0 20.4

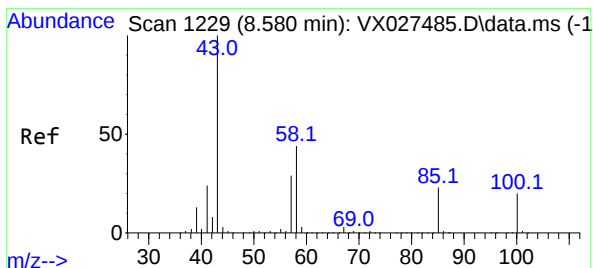
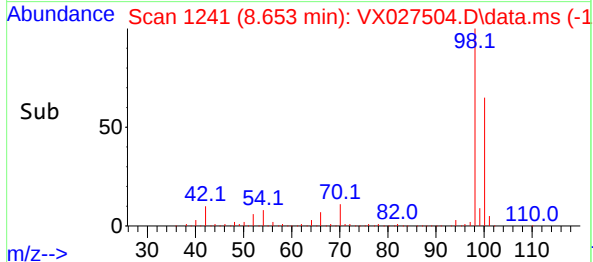
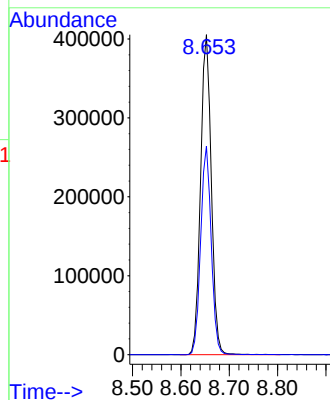
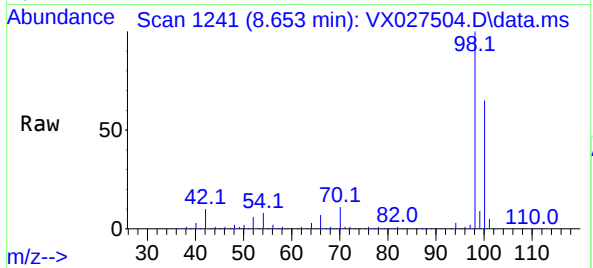




#50
Toluene-d8
Concen: 48.014 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027504.D
Acq: 17 Mar 2022 22:08

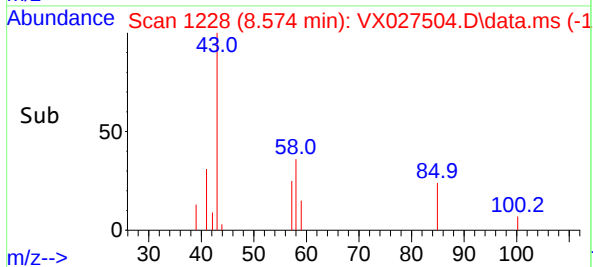
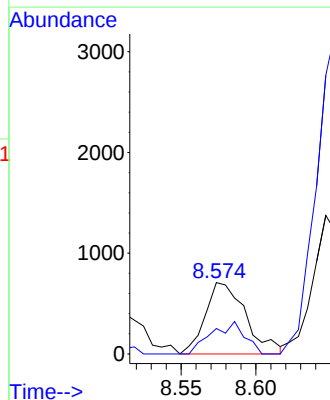
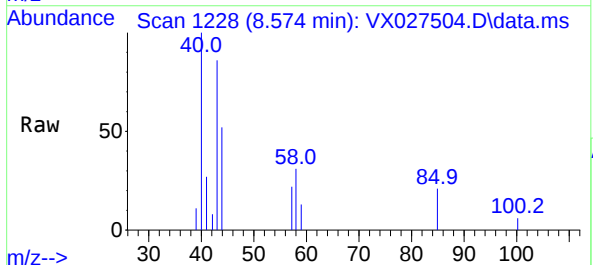
Instrument :
MSVOA_X
ClientSampleId :
MW-108

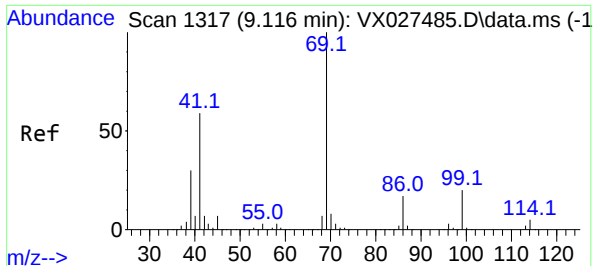
Tgt Ion: 98 Resp: 621778
Ion Ratio Lower Upper
98 100
100 64.2 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.279 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.006 min
Lab File: VX027504.D
Acq: 17 Mar 2022 22:08

Tgt Ion: 43 Resp: 1336
Ion Ratio Lower Upper
43 100
58 37.2 36.1 54.1

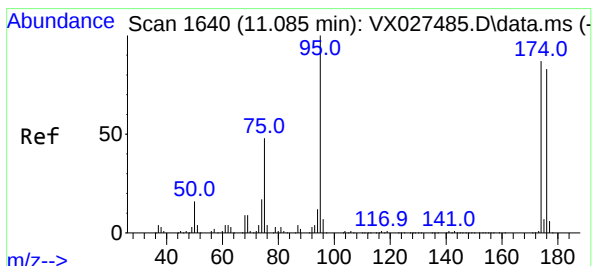
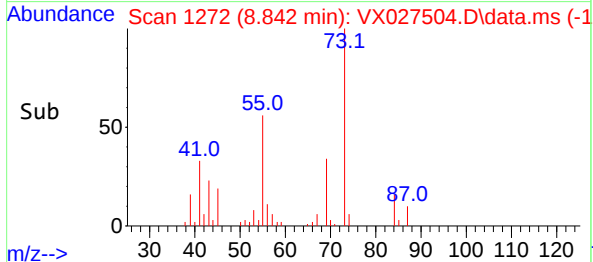
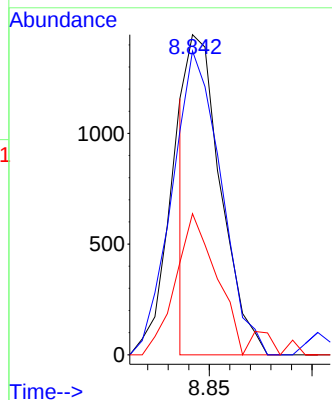
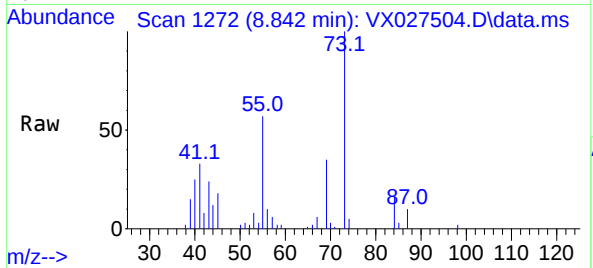




#56
Ethyl methacrylate
Concen: 0.297 ug/l
RT: 8.842 min Scan# 11
Delta R.T. -0.274 min
Lab File: VX027504.D
Acq: 17 Mar 2022 22:08

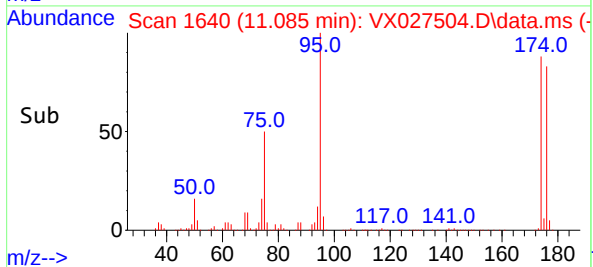
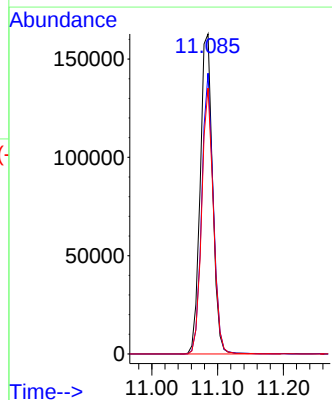
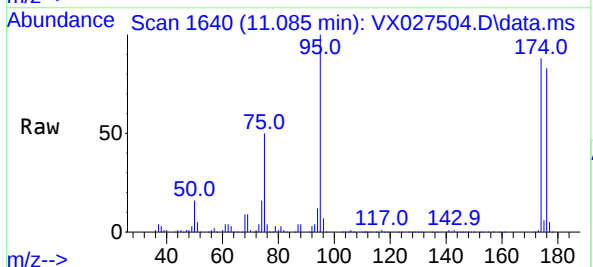
Instrument :
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ClientSampleId :
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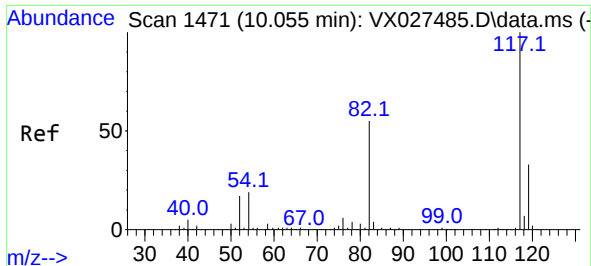
Tgt Ion: 69 Resp: 1629
Ion Ratio Lower Upper
69 100
41 96.2 43.8 65.6#
39 44.5 22.2 33.2#



#62
4-Bromofluorobenzene
Concen: 44.632 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX027504.D
Acq: 17 Mar 2022 22:08

Tgt Ion: 95 Resp: 212440
Ion Ratio Lower Upper
95 100
174 82.2 0.0 163.0
176 78.6 0.0 155.0

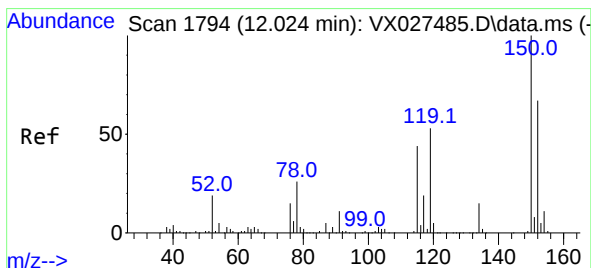
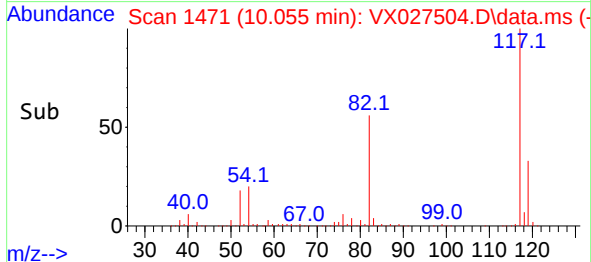
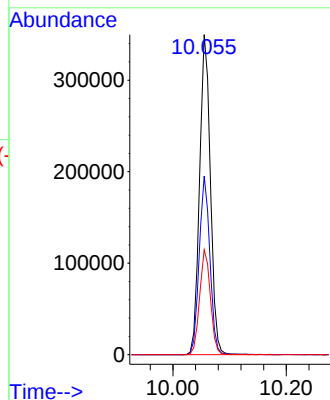
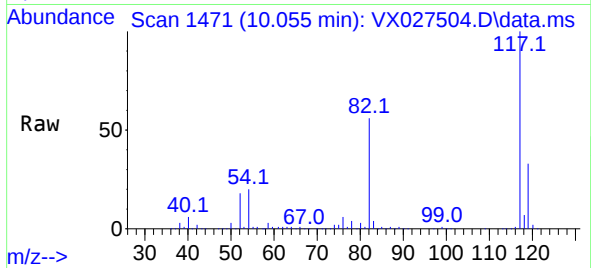




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027504.D
Acq: 17 Mar 2022 22:08

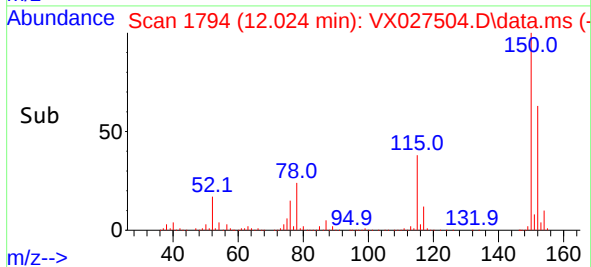
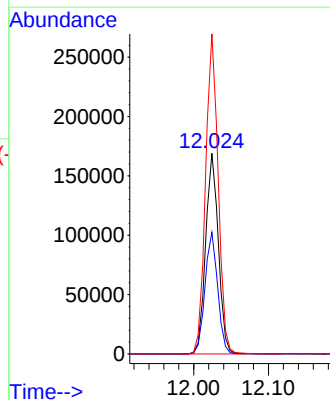
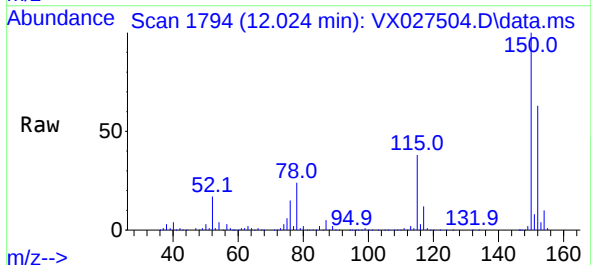
Instrument :
MSVOA_X
ClientSampleId :
MW-108

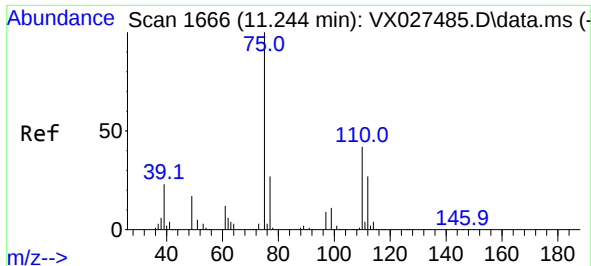
Tgt Ion:117 Resp: 464147
Ion Ratio Lower Upper
117 100
82 55.8 41.8 62.8
119 32.8 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027504.D
Acq: 17 Mar 2022 22:08

Tgt Ion:152 Resp: 199605
Ion Ratio Lower Upper
152 100
115 60.4 37.5 112.7
150 158.1 0.0 338.2

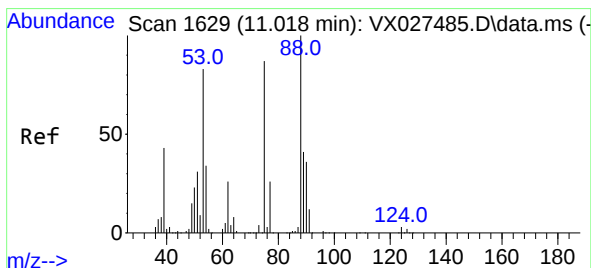
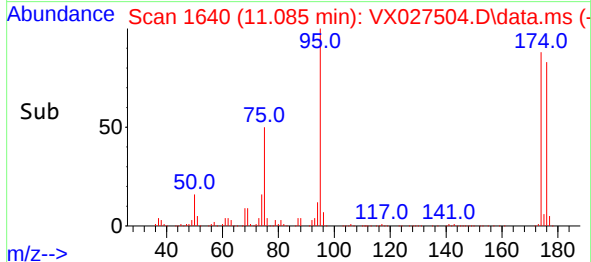
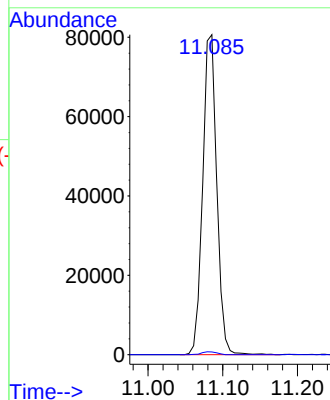
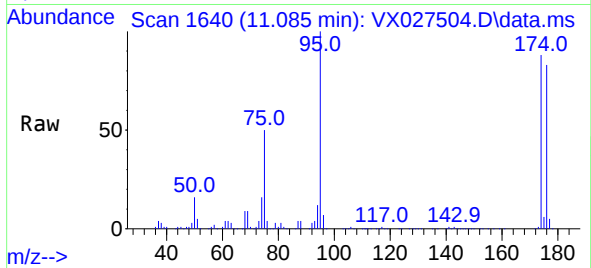




#76
1,2,3-Trichloropropane
Concen: 25.262 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.158 min
Lab File: VX027504.D
Acq: 17 Mar 2022 22:08

Instrument :
MSVOA_X
ClientSampleId :
MW-108

Tgt Ion: 75 Resp: 105471
Ion Ratio Lower Upper
75 100
77 1.0 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 76.722 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.067 min
Lab File: VX027504.D
Acq: 17 Mar 2022 22:08

Tgt Ion: 75 Resp: 105471
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

