

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031122\
 Data File : VX027398.D
 Acq On : 11 Mar 2022 13:44
 Operator : JC/MD
 Sample : N1895-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3D

Quant Time: Mar 11 23:11:23 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)

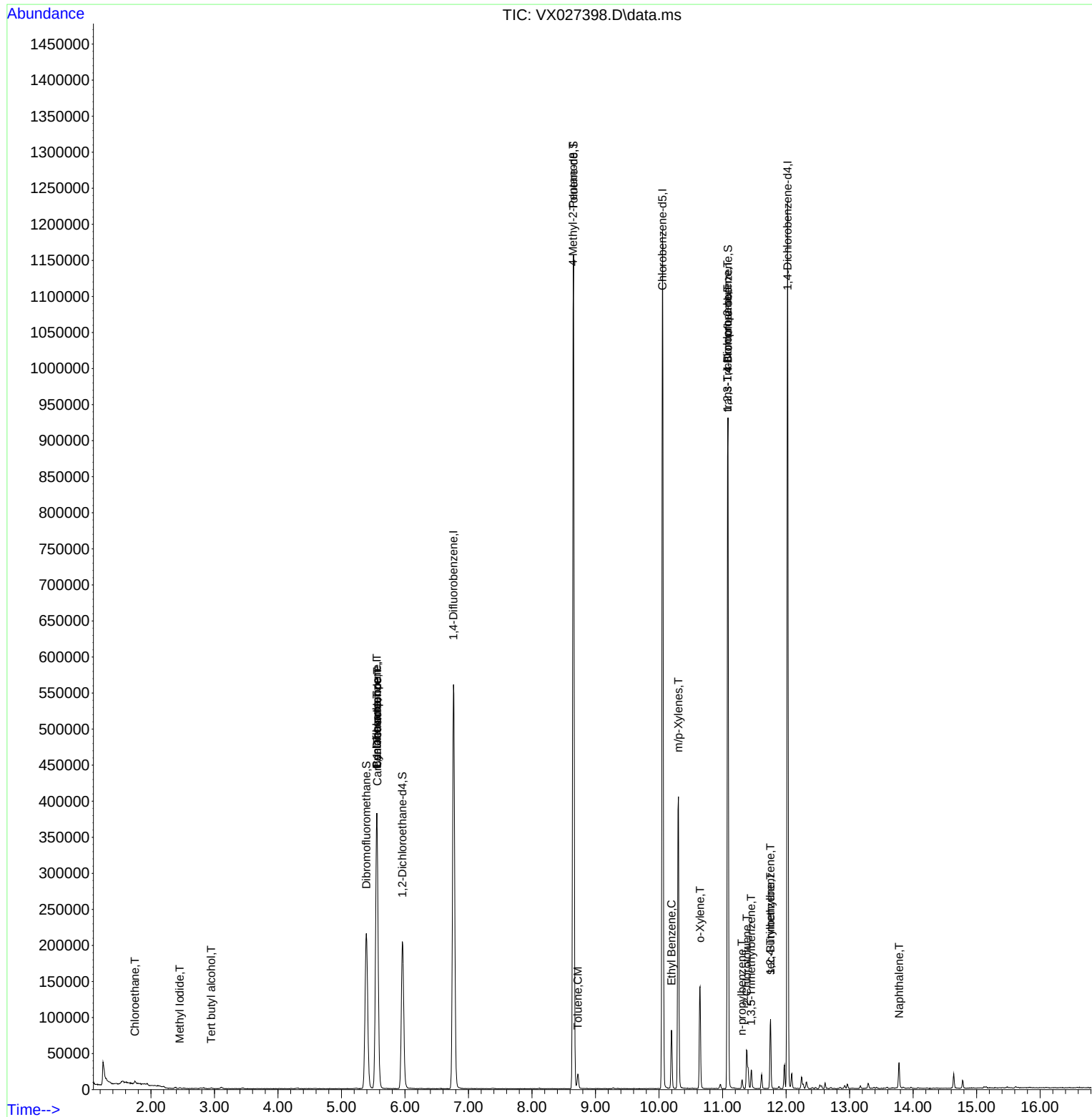
Internal Standards						
1) Pentafluorobenzene	5.556	168	391846	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	620371	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	576647	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	268013	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	194365	42.535	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	85.080%		
35) Dibromofluoromethane	5.391	113	196408	49.065	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	98.140%		
50) Toluene-d8	8.653	98	729103	48.245	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	96.500%		
62) 4-Bromofluorobenzene	11.085	95	266233	46.222	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	92.440%		
Target Compounds						
					Qvalue	
5) Bromomethane	1.611	94	537	Below Cal	#	63
6) Chloroethane	1.745	64	369	0.587	ug/l #	43
10) Methyl Iodide	2.453	142	1231	0.221	ug/l #	96
11) Tert butyl alcohol	2.946	59	864	0.964	ug/l #	72
16) Acetone	2.380	43	1675	Below Cal		90
31) Cyclohexane	5.556	56	5546	0.868	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	24828	4.467	ug/l #	50
38) Carbon Tetrachloride	5.562	117	36211	6.301	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	2138	0.362	ug/l #	1
52) Toluene	8.720	92	7775	0.720	ug/l	93
67) Ethyl Benzene	10.195	91	48249	2.306	ug/l	97
68) m/p-Xylenes	10.305	106	103149	12.569	ug/l	99
69) o-Xylene	10.646	106	35760	4.414	ug/l	94
76) 1,2,3-Trichloropropane	11.079	75	119447	20.313	ug/l #	39
78) n-propylbenzene	11.305	91	7901	0.358	ug/l	99
79) 2-Chlorotoluene	11.384	91	5335	0.387	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.451	105	11801	0.702	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.079	75	119447	65.695	ug/l #	15
84) 1,2,4-Trimethylbenzene	11.756	105	44083	2.645	ug/l	96
85) sec-Butylbenzene	11.756	105	44083	2.176	ug/l #	56
95) Naphthalene	13.780	128	25910	1.283	ug/l	98

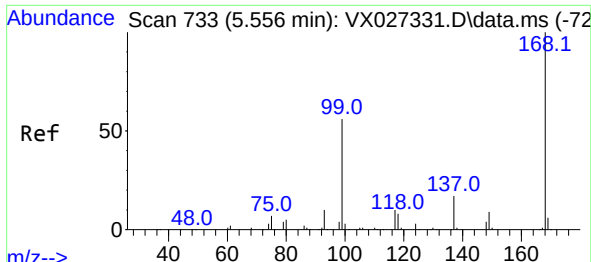
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-3D

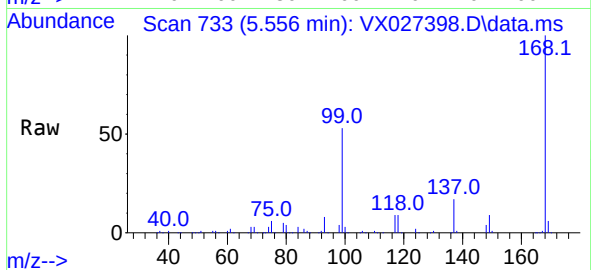
Quant Time: Mar 11 23:11:23 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X030822W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 08 15:54:34 2022
Response via : Initial Calibration



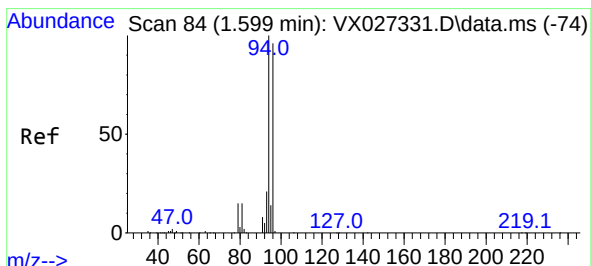
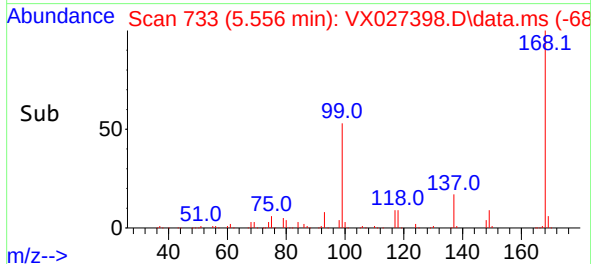
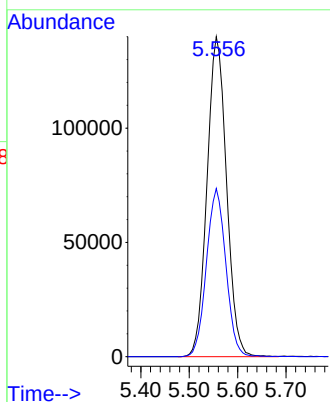


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027398.D
Acq: 11 Mar 2022 13:44

Instrument :
MSVOA_X
ClientSampleId :
MW-3D

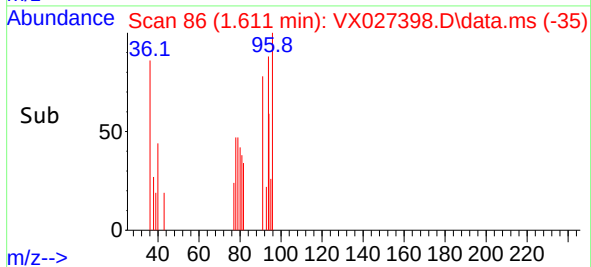
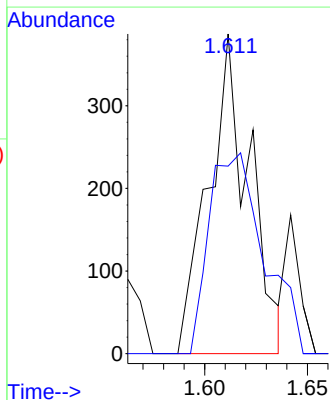
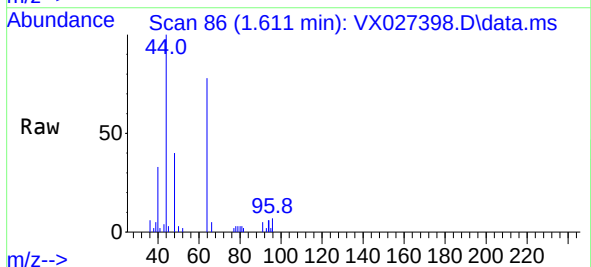


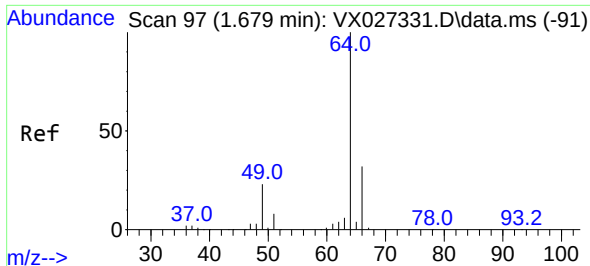
Tgt Ion:168 Resp: 391846
Ion Ratio Lower Upper
168 100
99 52.5 41.7 62.5



#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX027398.D
Acq: 11 Mar 2022 13:44

Tgt Ion: 94 Resp: 537
Ion Ratio Lower Upper
94 100
96 58.7 75.3 112.9#

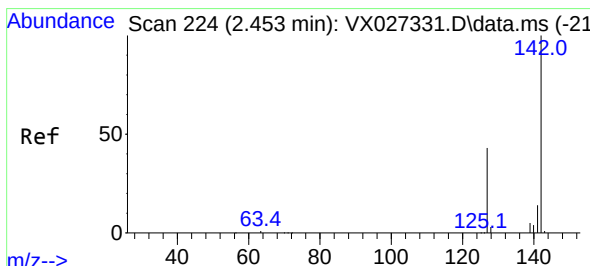
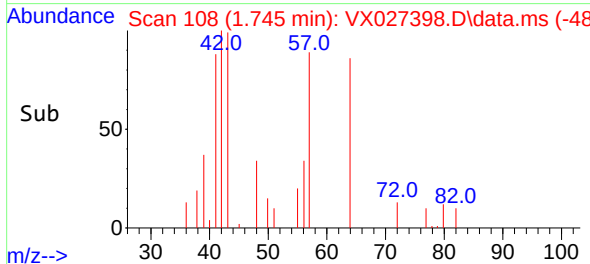
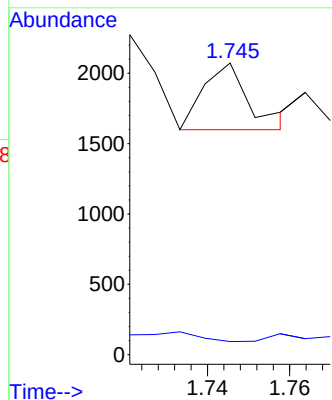
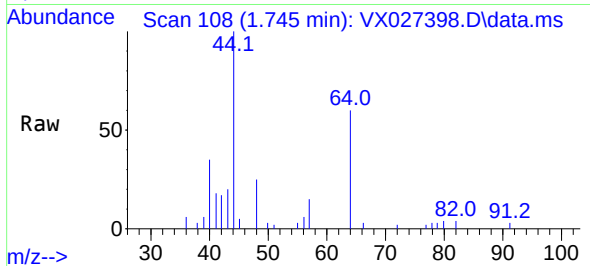




#6
Chloroethane
Concen: 0.587 ug/l
RT: 1.745 min Scan# 108
Delta R.T. 0.066 min
Lab File: VX027398.D
Acq: 11 Mar 2022 13:44

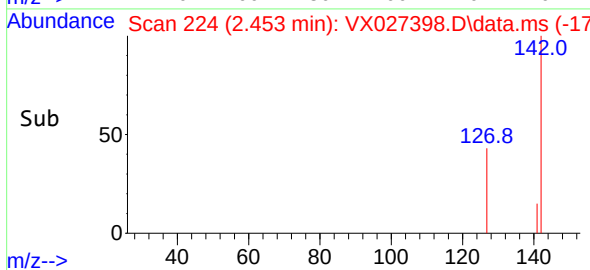
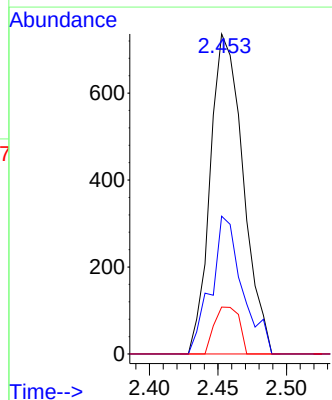
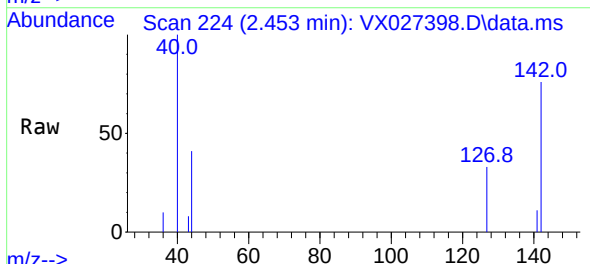
Instrument :
MSVOA_X
ClientSampleId :
MW-3D

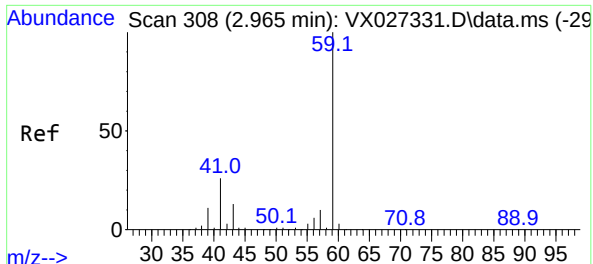
Tgt Ion: 64 Resp: 369
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



#10
Methyl Iodide
Concen: 0.221 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX027398.D
Acq: 11 Mar 2022 13:44

Tgt Ion: 142 Resp: 1231
Ion Ratio Lower Upper
142 100
127 40.9 33.9 50.9
141 11.0 11.4 17.2#

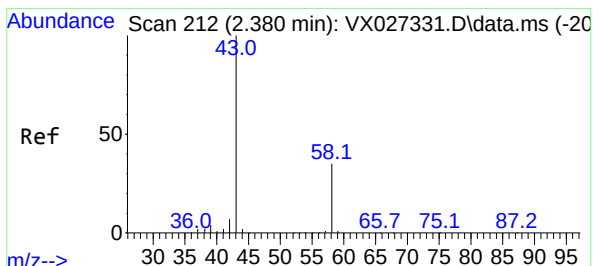
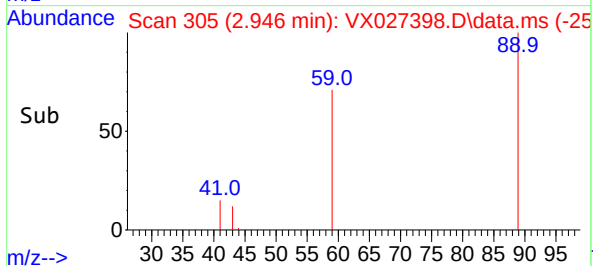
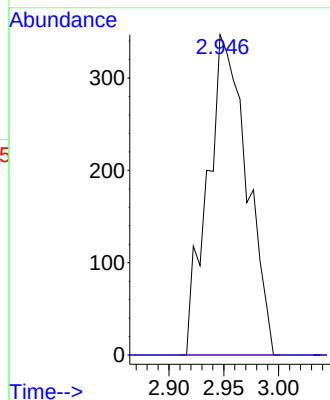
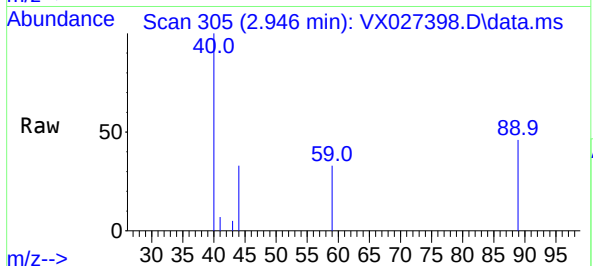




#11
Tert butyl alcohol
Concen: 0.964 ug/l
RT: 2.946 min Scan# 308
Delta R.T. -0.019 min
Lab File: VX027398.D
Acq: 11 Mar 2022 13:44

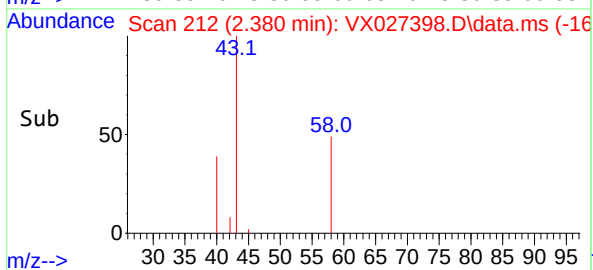
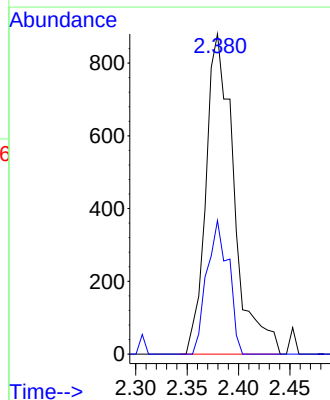
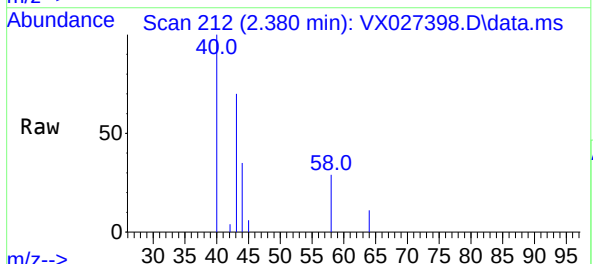
Instrument :
MSVOA_X
ClientSampleId :
MW-3D

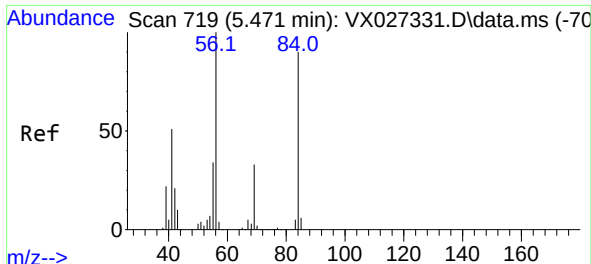
Tgt Ion: 59 Resp: 864
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#16
Acetone
Concen: Below Cal
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX027398.D
Acq: 11 Mar 2022 13:44

Tgt Ion: 43 Resp: 1675
Ion Ratio Lower Upper
43 100
58 41.7 28.8 43.2

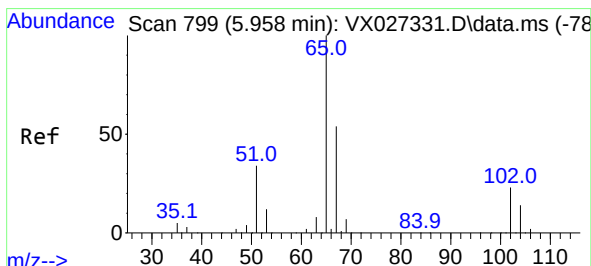
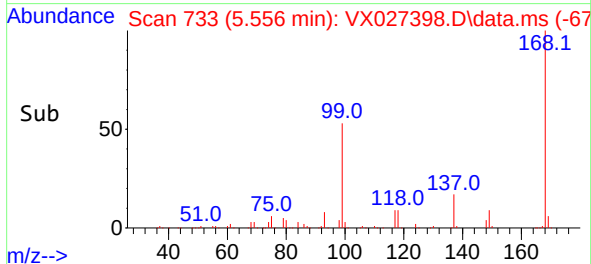
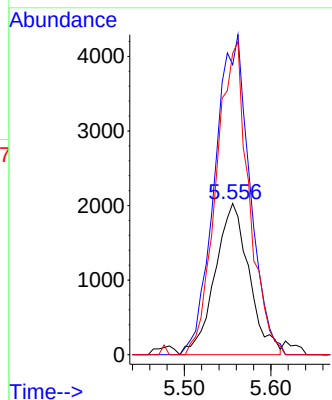
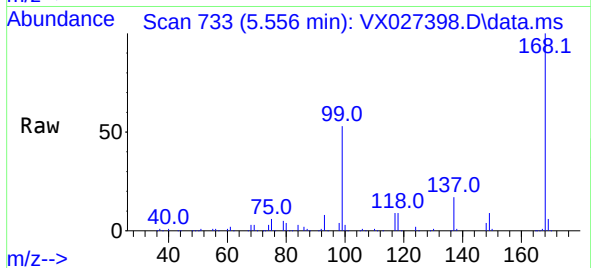




#31
Cyclohexane
Concen: 0.868 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX027398.D
Acq: 11 Mar 2022 13:44

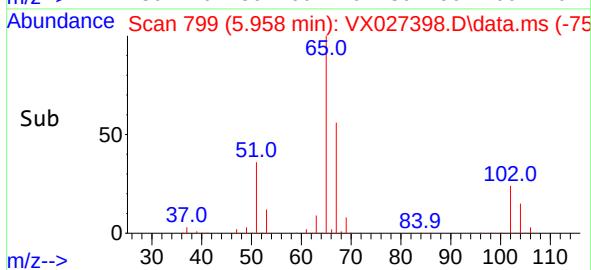
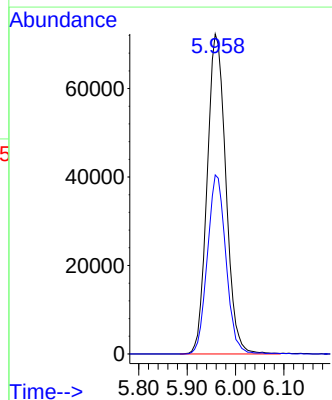
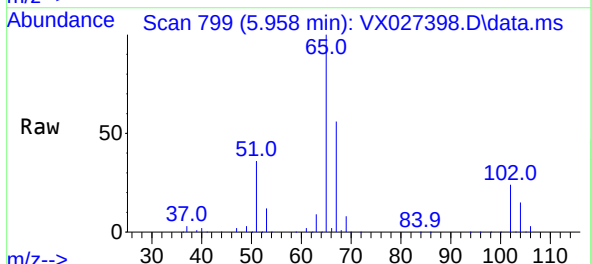
Instrument :
MSVOA_X
ClientSampleId :
MW-3D

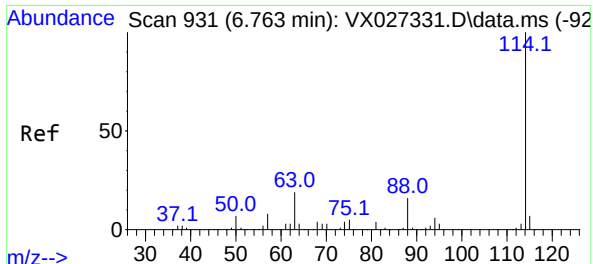
Tgt Ion: 56 Resp: 5546
Ion Ratio Lower Upper
56 100
69 191.7 26.7 40.1#
84 199.3 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 42.535 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX027398.D
Acq: 11 Mar 2022 13:44

Tgt Ion: 65 Resp: 194365
Ion Ratio Lower Upper
65 100
67 55.4 0.0 107.4

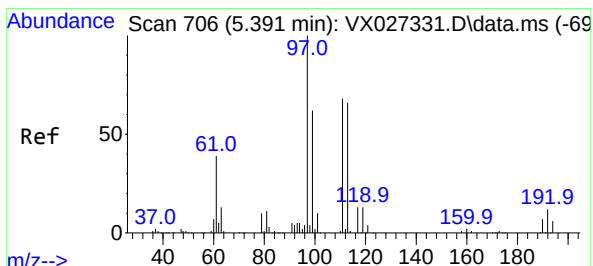
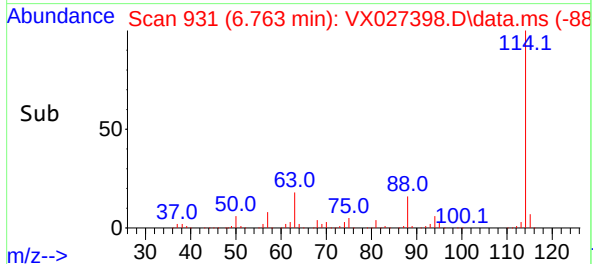
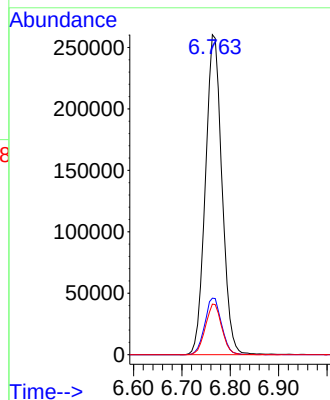
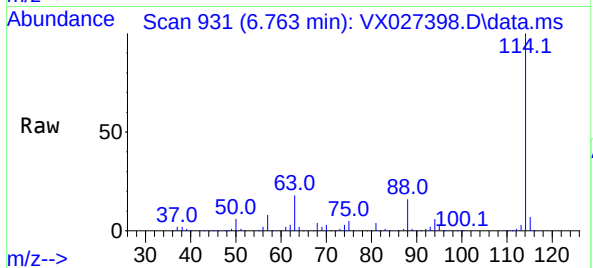




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX027398.D
Acq: 11 Mar 2022 13:44

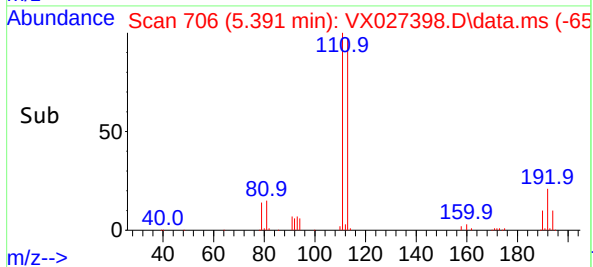
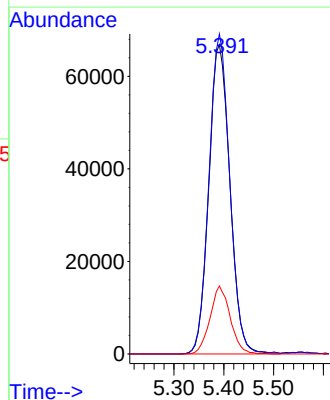
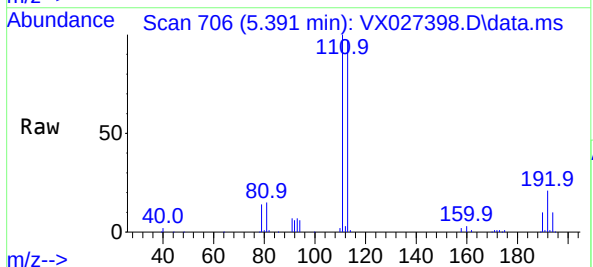
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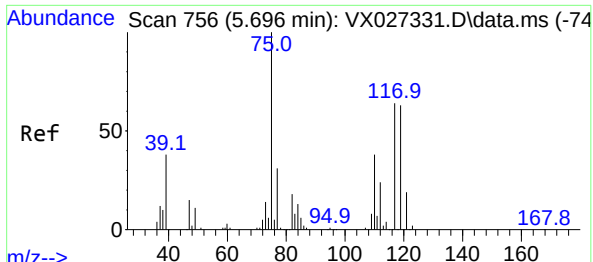
Tgt Ion:114 Resp: 620371
Ion Ratio Lower Upper
114 100
63 17.7 0.0 36.8
88 15.8 0.0 32.4



#35
Dibromofluoromethane
Concen: 49.065 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027398.D
Acq: 11 Mar 2022 13:44

Tgt Ion:113 Resp: 196408
Ion Ratio Lower Upper
113 100
111 101.8 82.8 124.2
192 21.0 16.9 25.3

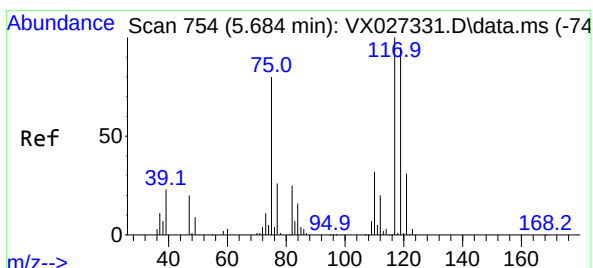
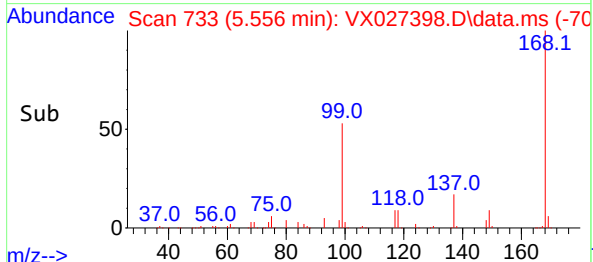
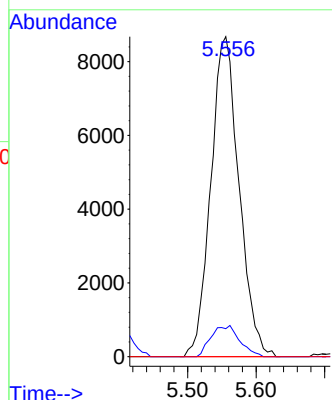
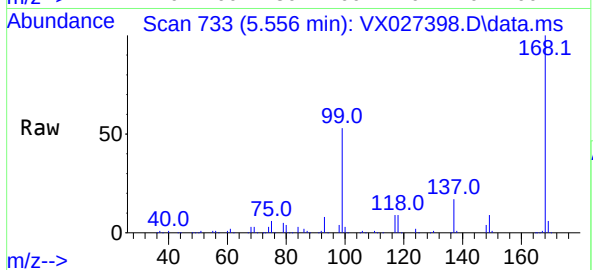




#36
1,1-Dichloropropene
Concen: 4.467 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX027398.D
Acq: 11 Mar 2022 13:44

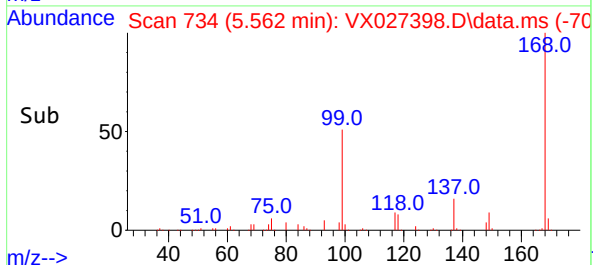
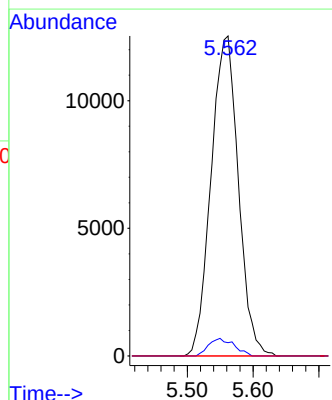
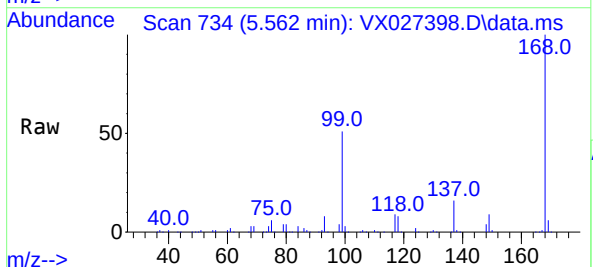
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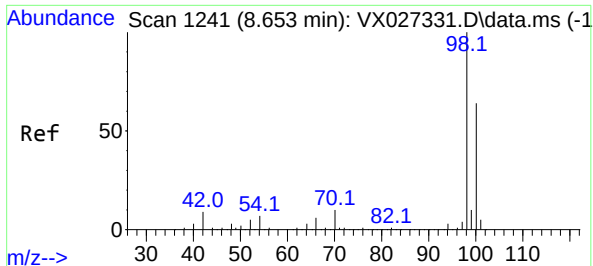
Tgt Ion: 75 Resp: 24828
Ion Ratio Lower Upper
75 100
110 9.9 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 6.301 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX027398.D
Acq: 11 Mar 2022 13:44

Tgt Ion: 117 Resp: 36211
Ion Ratio Lower Upper
117 100
119 4.1 77.3 115.9#
121 0.0 24.2 36.2#

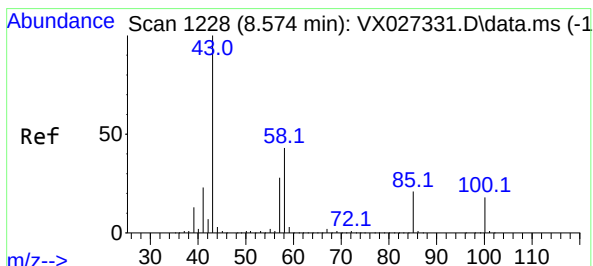
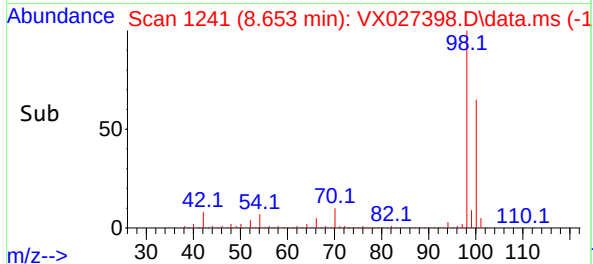
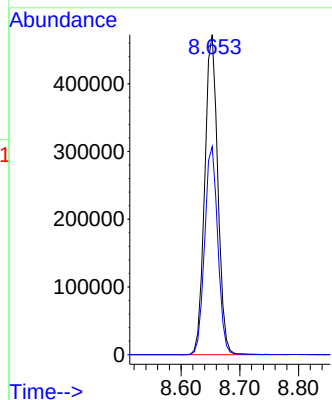
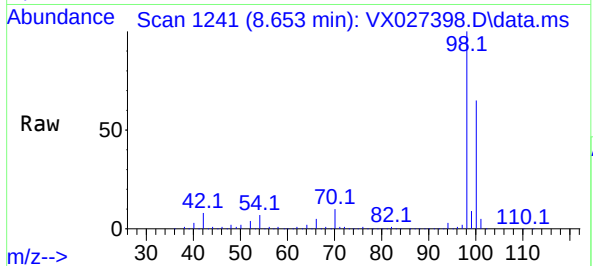




#50
Toluene-d8
Concen: 48.245 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX027398.D
Acq: 11 Mar 2022 13:44

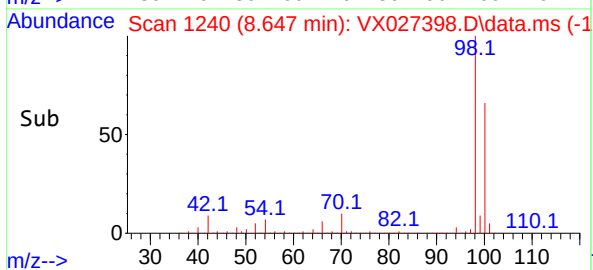
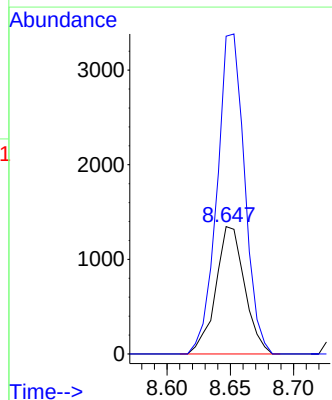
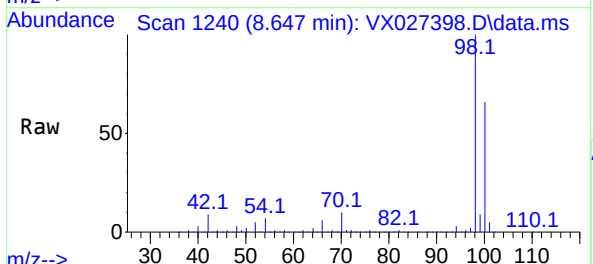
Instrument :
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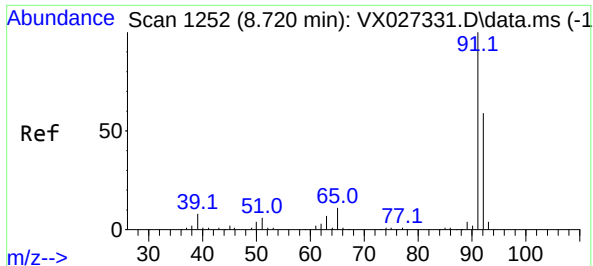
Tgt Ion: 98 Resp: 729103
Ion Ratio Lower Upper
98 100
100 65.4 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.362 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX027398.D
Acq: 11 Mar 2022 13:44

Tgt Ion: 43 Resp: 2138
Ion Ratio Lower Upper
43 100
58 239.3 36.1 54.1#

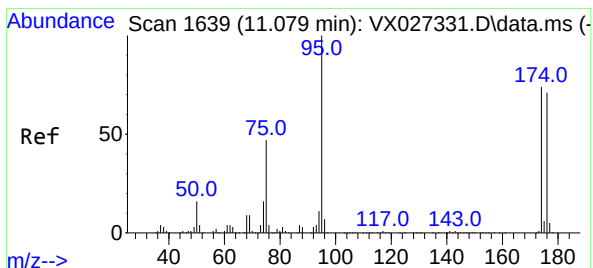
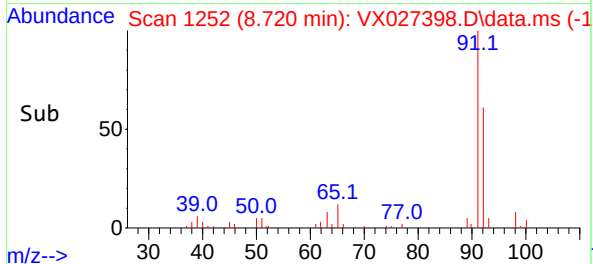
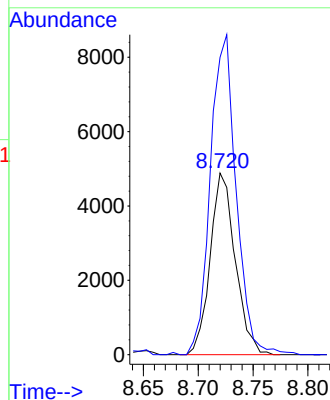
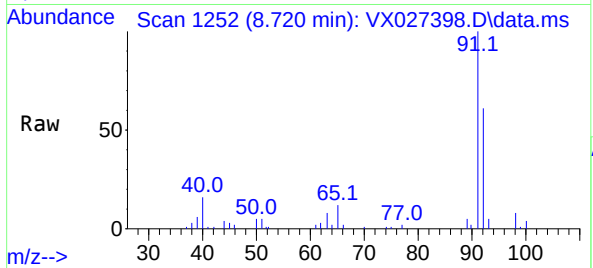




#52
Toluene
Concen: 0.720 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX027398.D
Acq: 11 Mar 2022 13:44

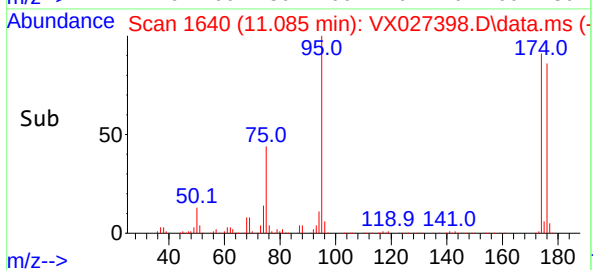
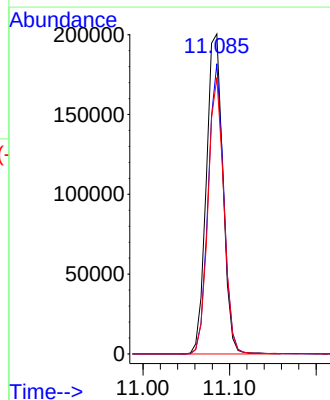
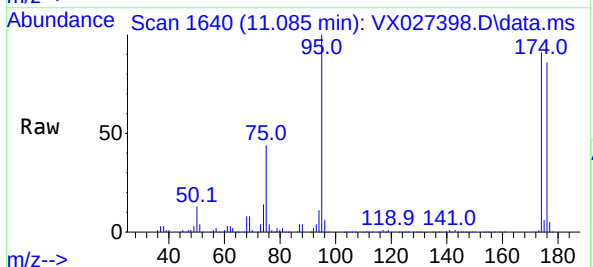
Instrument :
MSVOA_X
ClientSampleId :
MW-3D

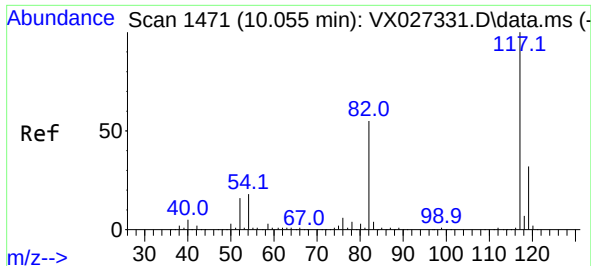
Tgt Ion: 92 Resp: 7775
Ion Ratio Lower Upper
92 100
91 181.4 137.5 206.3



#62
4-Bromofluorobenzene
Concen: 46.222 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX027398.D
Acq: 11 Mar 2022 13:44

Tgt Ion: 95 Resp: 266233
Ion Ratio Lower Upper
95 100
174 85.5 0.0 163.0
176 82.4 0.0 155.0

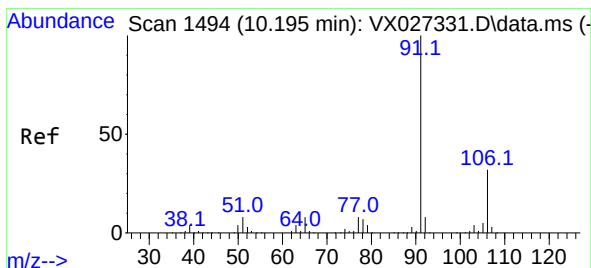
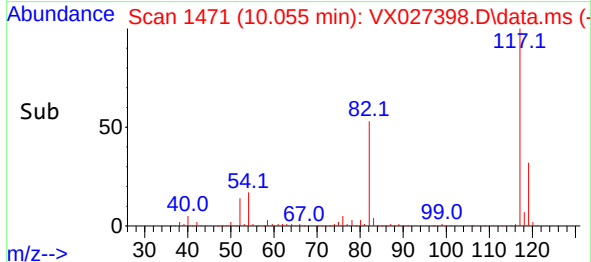
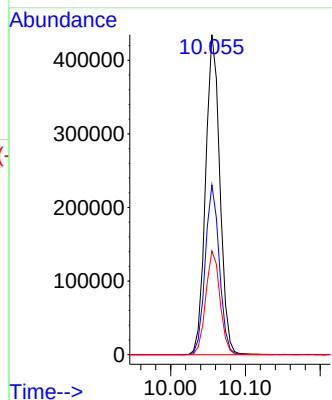
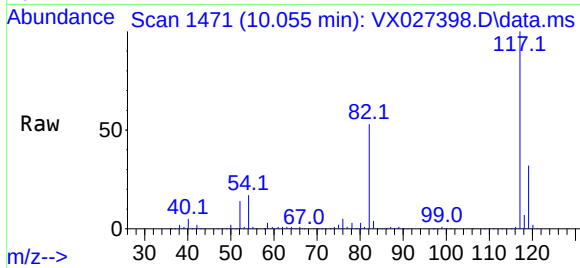




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX027398.D
Acq: 11 Mar 2022 13:44

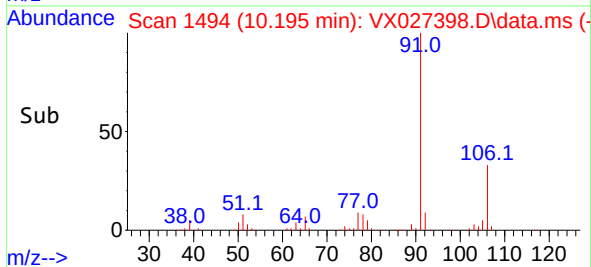
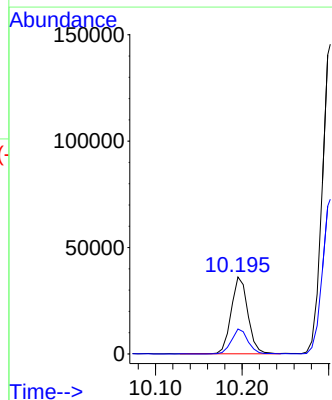
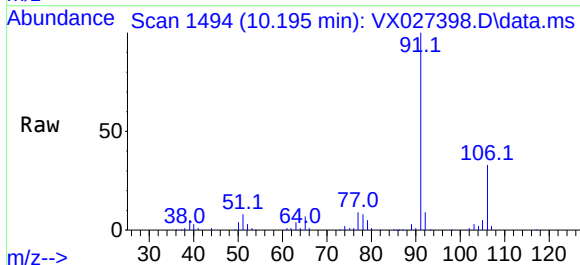
Instrument :
MSVOA_X
ClientSampleId :
MW-3D

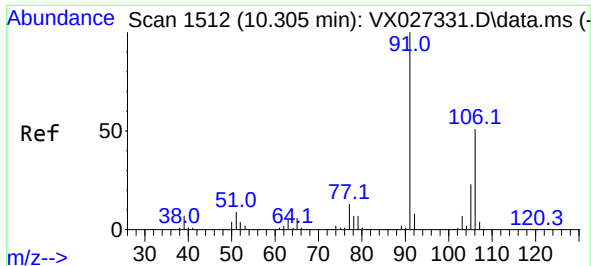
Tgt Ion:117 Resp: 576647
Ion Ratio Lower Upper
117 100
82 53.1 41.8 62.8
119 32.5 24.8 37.2



#67
Ethyl Benzene
Concen: 2.306 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX027398.D
Acq: 11 Mar 2022 13:44

Tgt Ion: 91 Resp: 48249
Ion Ratio Lower Upper
91 100
106 32.3 24.6 36.8

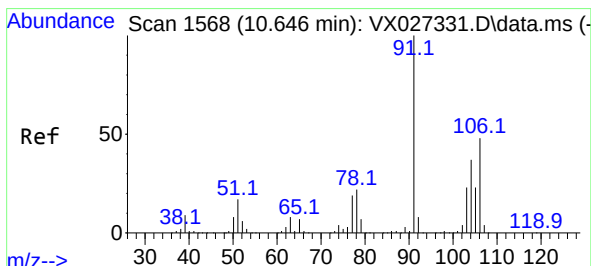
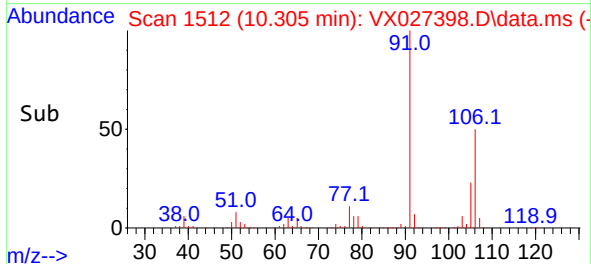
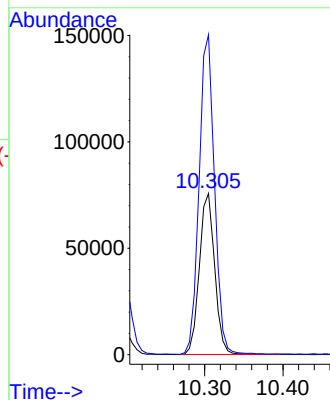
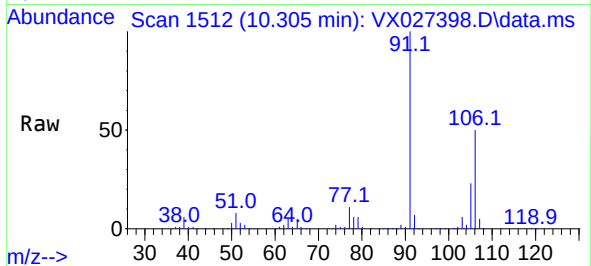




#68
m/p-Xylenes
Concen: 12.569 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX027398.D
Acq: 11 Mar 2022 13:44

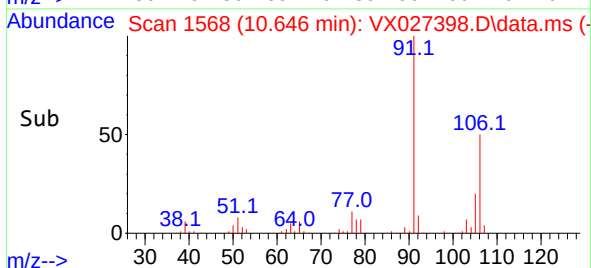
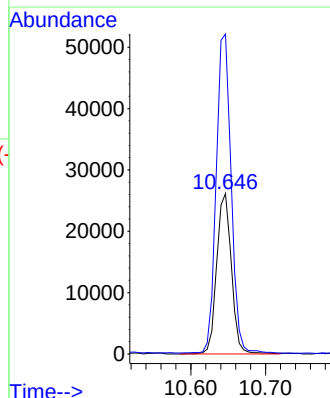
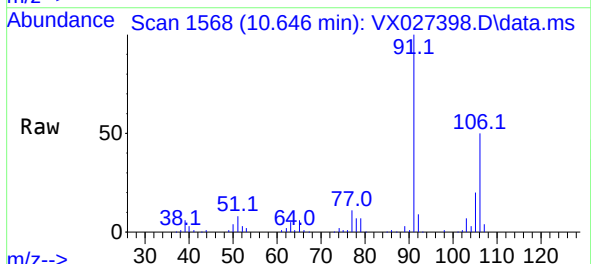
Instrument :
MSVOA_X
ClientSampleId :
MW-3D

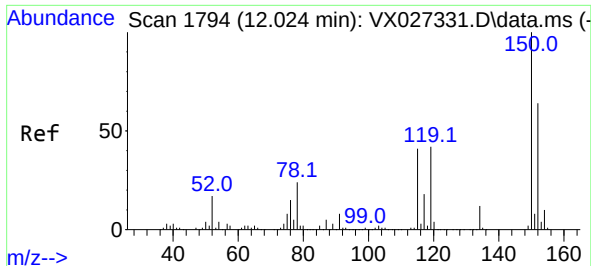
Tgt Ion:106 Resp: 103149
Ion Ratio Lower Upper
106 100
91 198.3 160.4 240.6



#69
o-Xylene
Concen: 4.414 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX027398.D
Acq: 11 Mar 2022 13:44

Tgt Ion:106 Resp: 35760
Ion Ratio Lower Upper
106 100
91 202.6 106.1 318.1

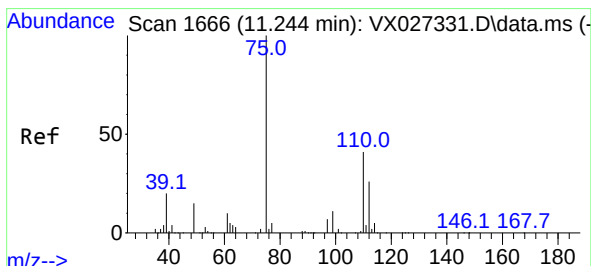
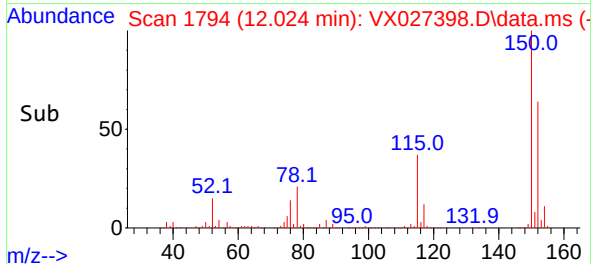
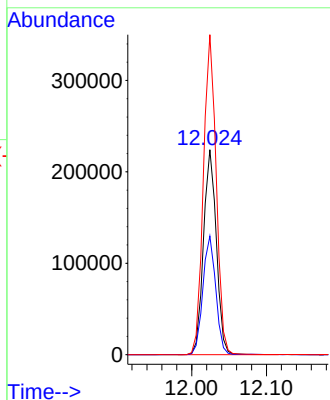
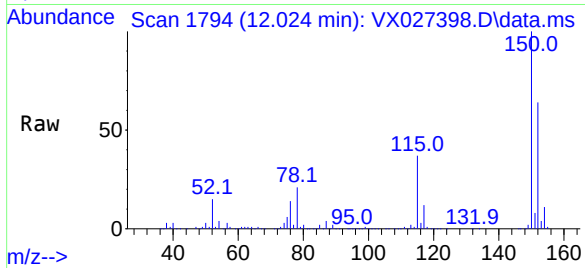




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027398.D
Acq: 11 Mar 2022 13:44

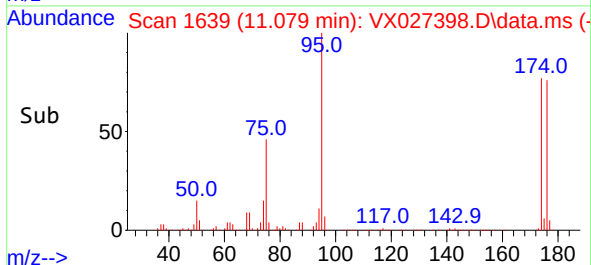
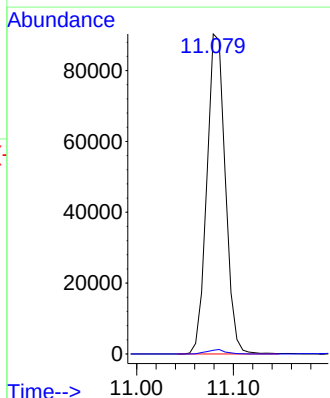
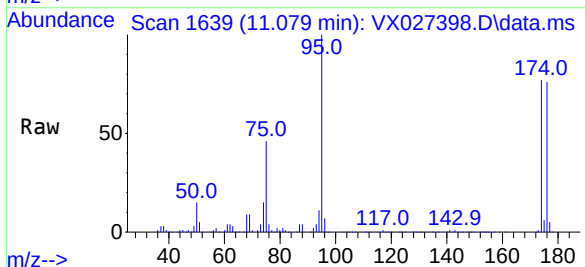
Instrument :
MSVOA_X
ClientSampleId :
MW-3D

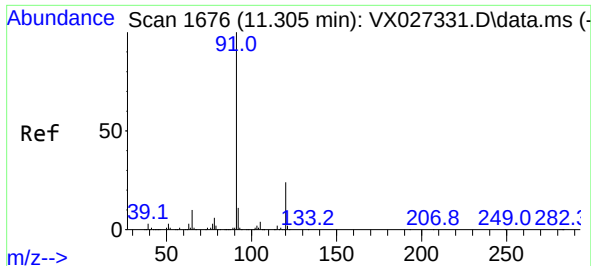
Tgt Ion:152 Resp: 268013
Ion Ratio Lower Upper
152 100
115 57.5 37.5 112.7
150 155.6 0.0 338.2



#76
1,2,3-Trichloropropane
Concen: 20.313 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX027398.D
Acq: 11 Mar 2022 13:44

Tgt Ion: 75 Resp: 119447
Ion Ratio Lower Upper
75 100
77 1.4 19.4 58.2#

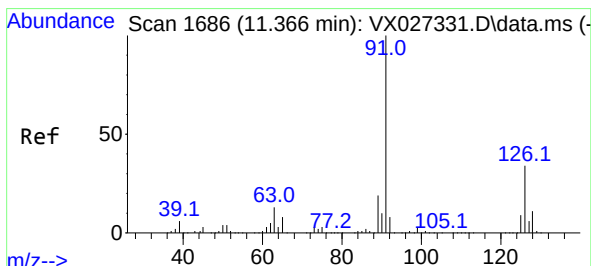
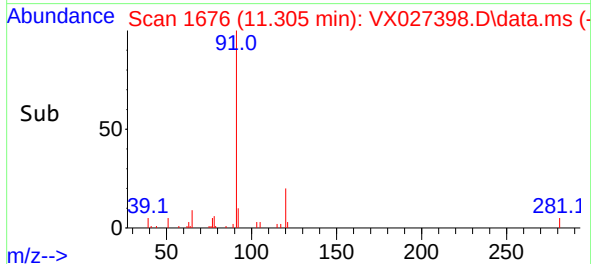
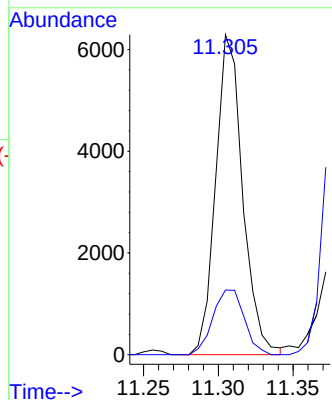
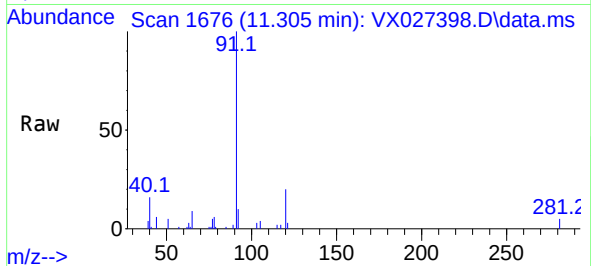




#78
n-propylbenzene
Concen: 0.358 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX027398.D
Acq: 11 Mar 2022 13:44

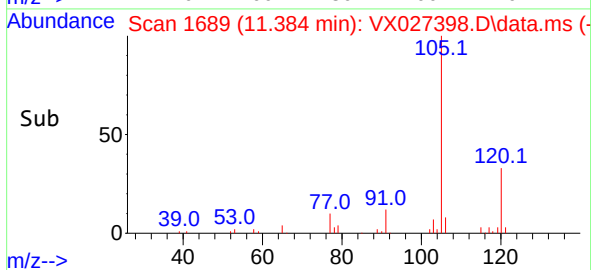
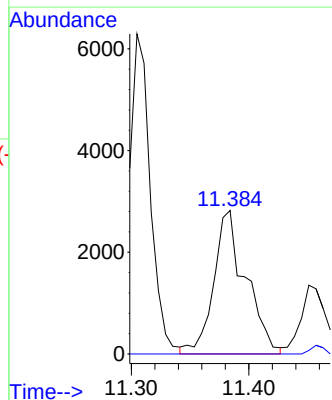
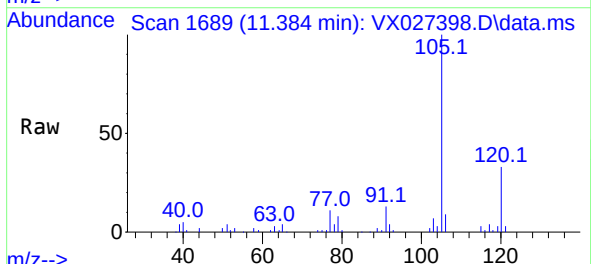
Instrument :
MSVOA_X
ClientSampleId :
MW-3D

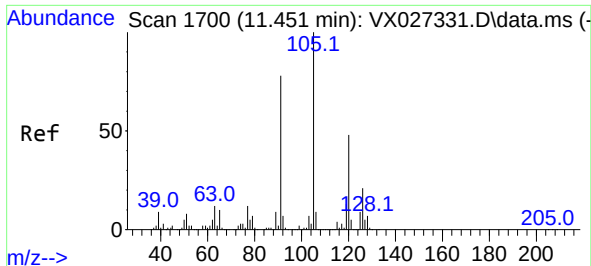
Tgt Ion: 91 Resp: 7901
Ion Ratio Lower Upper
91 100
120 23.5 11.6 34.8



#79
2-Chlorotoluene
Concen: 0.387 ug/l
RT: 11.384 min Scan# 1689
Delta R.T. 0.018 min
Lab File: VX027398.D
Acq: 11 Mar 2022 13:44

Tgt Ion: 91 Resp: 5335
Ion Ratio Lower Upper
91 100
126 0.0 17.3 51.9#

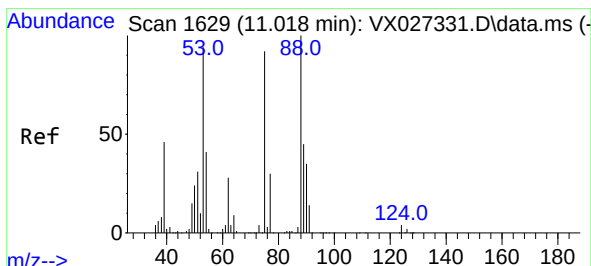
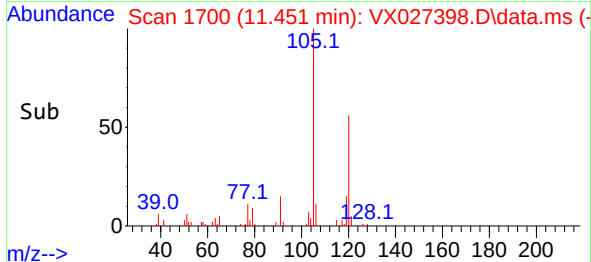
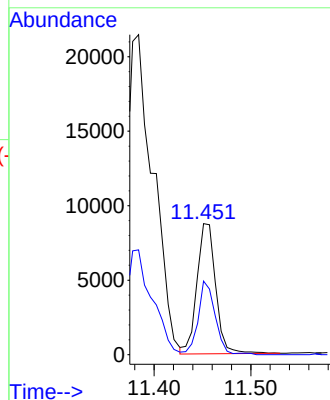
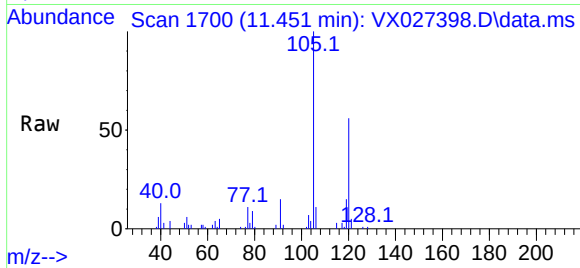




#80
1,3,5-Trimethylbenzene
Concen: 0.702 ug/l
RT: 11.451 min Scan# 11801
Delta R.T. 0.000 min
Lab File: VX027398.D
Acq: 11 Mar 2022 13:44

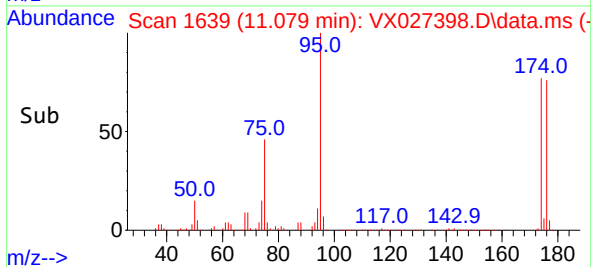
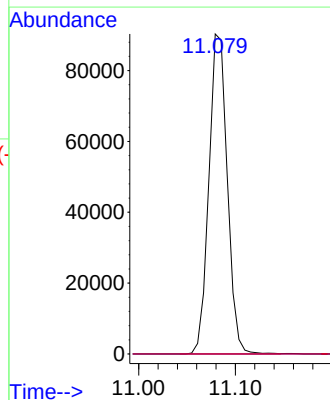
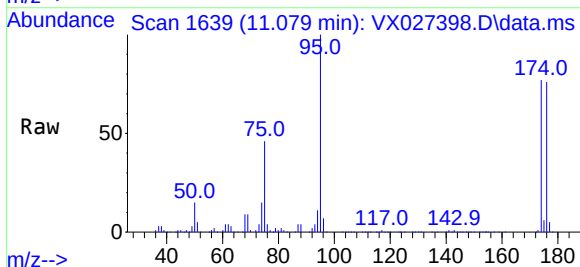
Instrument :
MSVOA_X
ClientSampleId :
MW-3D

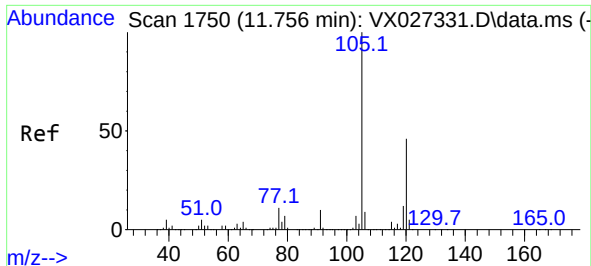
Tgt Ion:105 Resp: 11801
Ion Ratio Lower Upper
105 100
120 51.5 24.3 72.9



#81
trans-1,4-Dichloro-2-butene
Concen: 65.695 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX027398.D
Acq: 11 Mar 2022 13:44

Tgt Ion: 75 Resp: 119447
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

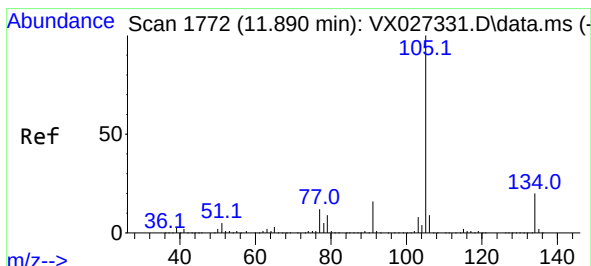
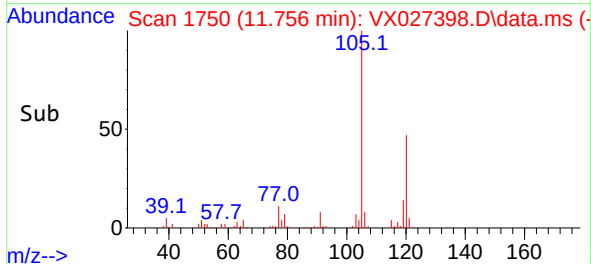
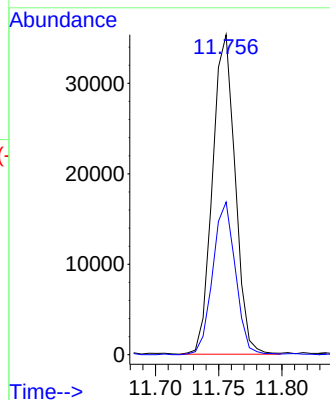
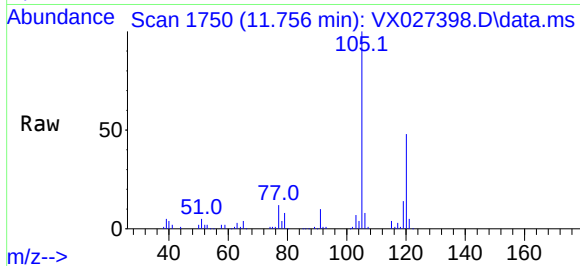




#84
1,2,4-Trimethylbenzene
Concen: 2.645 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX027398.D
Acq: 11 Mar 2022 13:44

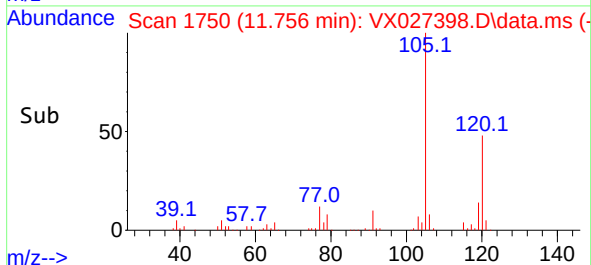
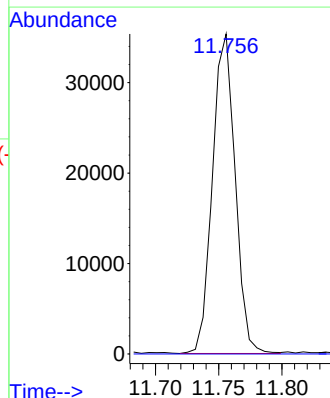
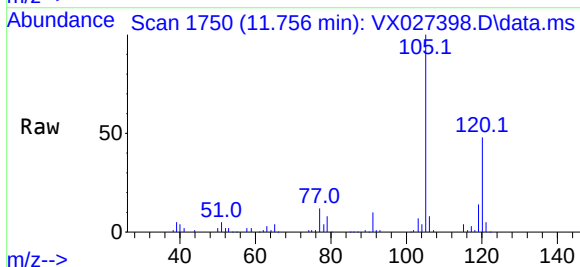
Instrument :
MSVOA_X
ClientSampleId :
MW-3D

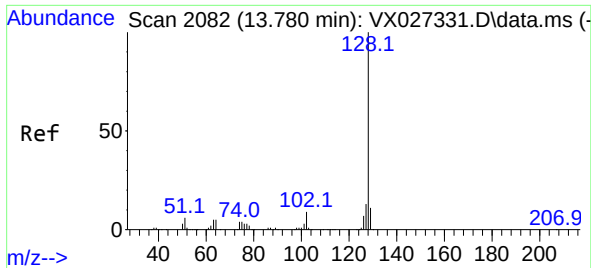
Tgt Ion:105 Resp: 44083
Ion Ratio Lower Upper
105 100
120 47.8 22.6 67.8



#85
sec-Butylbenzene
Concen: 2.176 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.134 min
Lab File: VX027398.D
Acq: 11 Mar 2022 13:44

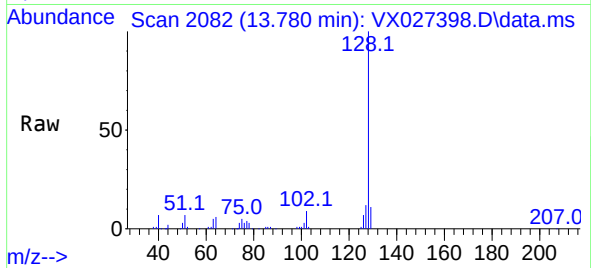
Tgt Ion:105 Resp: 44083
Ion Ratio Lower Upper
105 100
134 0.0 10.2 30.4#





#95
Naphthalene
Concen: 1.283 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX027398.D
Acq: 11 Mar 2022 13:44

Instrument :
MSVOA_X
ClientSampleId :
MW-3D



Tgt Ion:128 Resp: 25910

Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.2	15.4
129	9.4	8.7	13.1

