

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040222\
 Data File : VX027942.D
 Acq On : 02 Apr 2022 18:38
 Operator : JC/MD
 Sample : N2249-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-7D

Quant Time: Apr 04 04:17:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032922W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 04:39:27 2022
 Response via : Initial Calibration

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

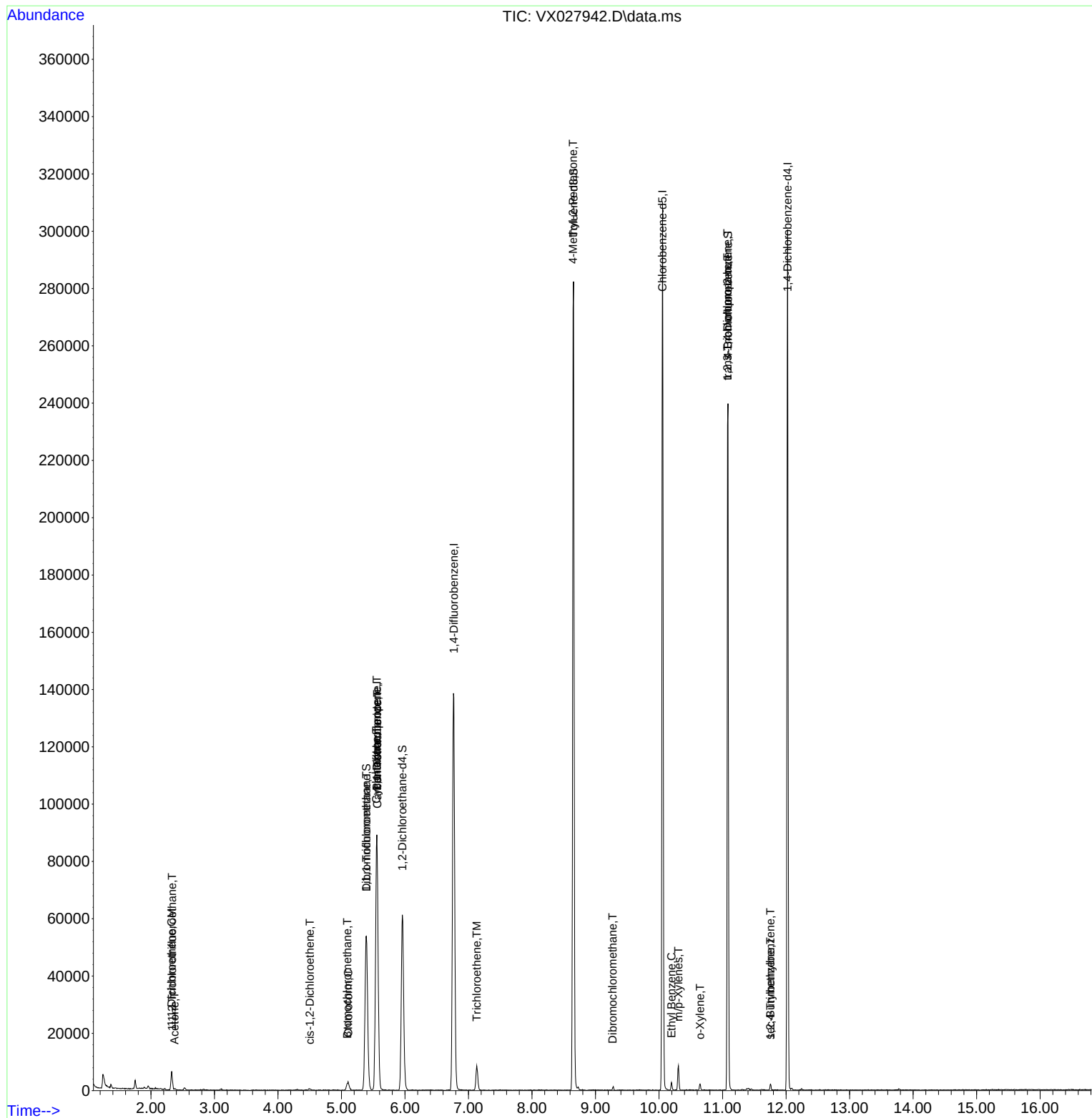
Internal Standards						
1) Pentafluorobenzene	5.556	168	77889	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	137462	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	128662	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	57356	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	61349	61.045	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 122.080%	
35) Dibromofluoromethane	5.391	113	46928	52.889	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 105.780%	
50) Toluene-d8	8.653	98	167507	53.656	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 107.320%	
62) 4-Bromofluorobenzene	11.085	95	65715	49.534	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 99.060%	
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.331	101	1131	1.551	ug/l	96
12) 1,1-Dichloroethene	2.325	96	1362	2.035	ug/l	84
16) Acetone	2.368	43	638	1.434	ug/l #	39
27) cis-1,2-Dichloroethene	4.501	96	344	0.393	ug/l	95
28) Bromochloromethane	5.093	49	218	0.366	ug/l #	7
30) Chloroform	5.105	83	3433	2.229	ug/l	91
31) Cyclohexane	5.550	56	1854	1.669	ug/l #	43
32) 1,1,1-Trichloroethane	5.391	97	322	0.242	ug/l #	49
36) 1,1-Dichloropropene	5.556	75	6680	5.977	ug/l #	50
38) Carbon Tetrachloride	5.562	117	8841	7.161	ug/l #	14
44) Trichloroethene	7.129	130	3284	3.568	ug/l	94
51) 4-Methyl-2-Pentanone	8.647	43	791	0.514	ug/l #	1
60) Dibromochloromethane	9.269	129	236	0.241	ug/l #	9
67) Ethyl Benzene	10.195	91	1643	0.357	ug/l	99
68) m/p-Xylenes	10.305	106	2071	1.225	ug/l	94
69) o-Xylene	10.647	106	610	0.369	ug/l	92
76) 1,2,3-Trichloropropane	11.079	75	36410	27.061	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	36410	79.165	ug/l #	15
84) 1,2,4-Trimethylbenzene	11.756	105	1229	0.333	ug/l	99
85) sec-Butylbenzene	11.756	105	1229	0.278	ug/l #	56

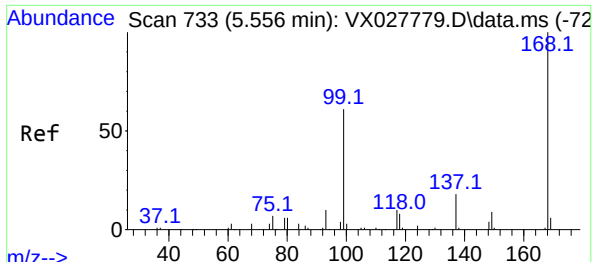
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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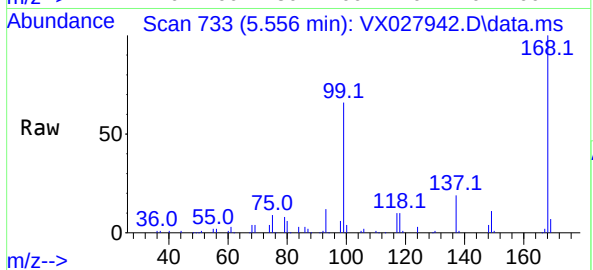
Quant Time: Apr 04 04:17:54 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032922W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 30 04:39:27 2022
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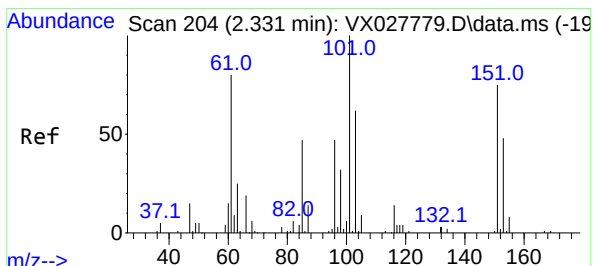
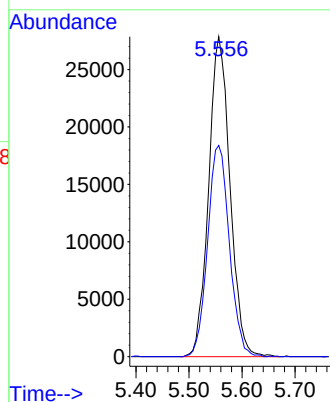
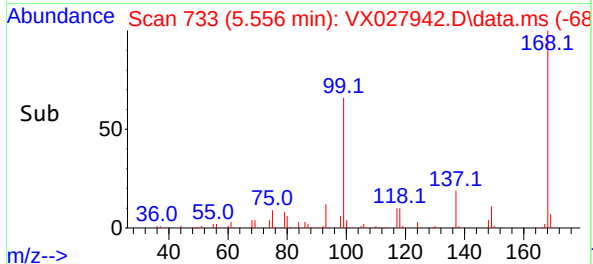


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027942.D
Acq: 02 Apr 2022 18:38

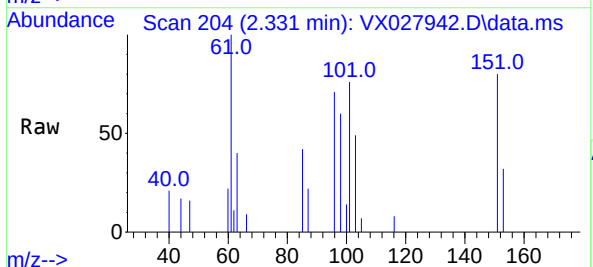
Instrument :
MSVOA_X
ClientSampleId :
MW-7D



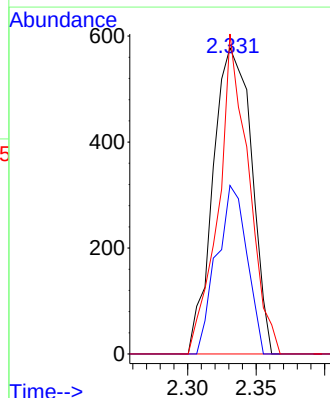
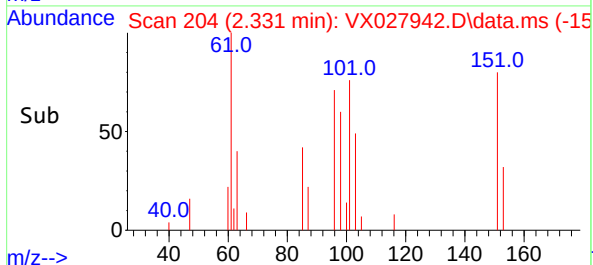
Tgt Ion:168 Resp: 77889
Ion Ratio Lower Upper
168 100
99 66.0 41.7 62.5#

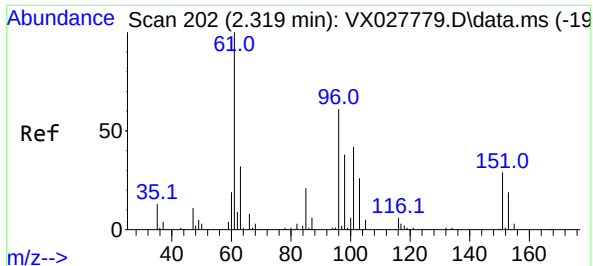


#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.551 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX027942.D
Acq: 02 Apr 2022 18:38



Tgt Ion:101 Resp: 1131
Ion Ratio Lower Upper
101 100
85 43.1 33.5 50.3
151 81.9 61.8 92.6





#12

1,1-Dichloroethene

Concen: 2.035 ug/l

RT: 2.325 min Scan# 20

Delta R.T. 0.006 min

Lab File: VX027942.D

Acq: 02 Apr 2022 18:38

Instrument :

MSVOA_X

ClientSampleId :

MW-7D

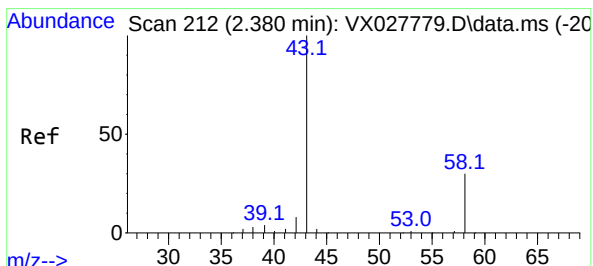
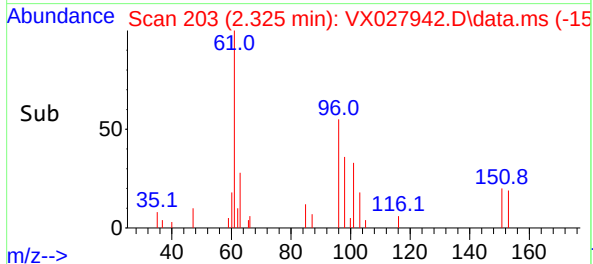
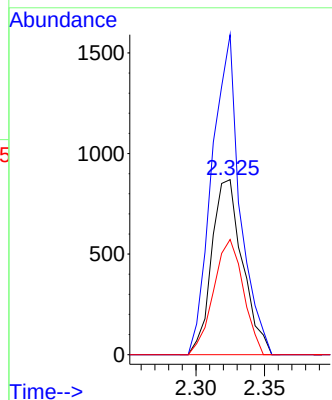
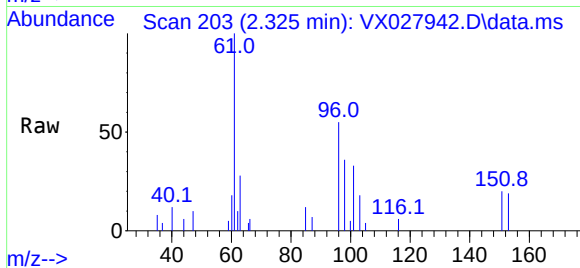
Tgt Ion: 96 Resp: 1362

Ion Ratio Lower Upper

96 100

61 182.9 124.6 187.0

98 65.9 51.0 76.4



#16

Acetone

Concen: 1.434 ug/l

RT: 2.368 min Scan# 210

Delta R.T. -0.012 min

Lab File: VX027942.D

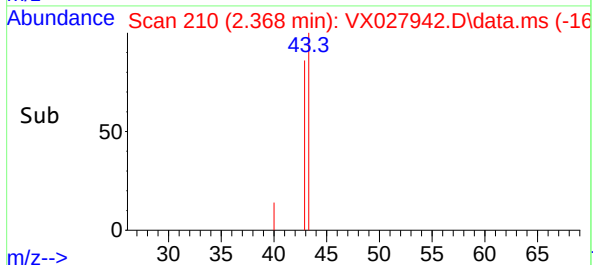
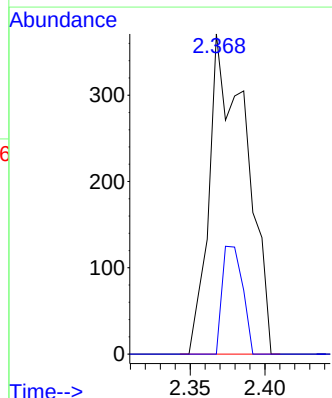
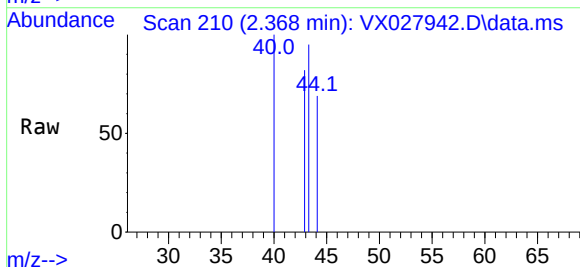
Acq: 02 Apr 2022 18:38

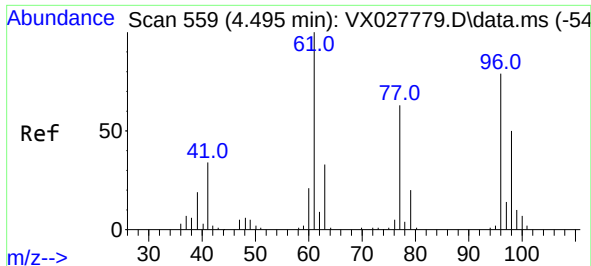
Tgt Ion: 43 Resp: 638

Ion Ratio Lower Upper

43 100

58 0.0 28.8 43.2#



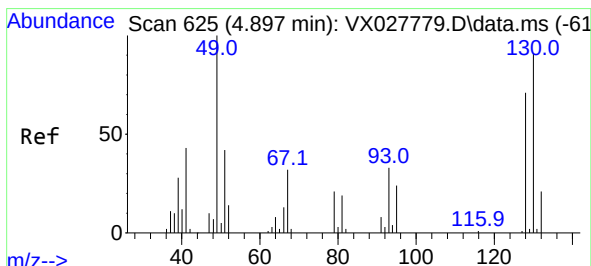
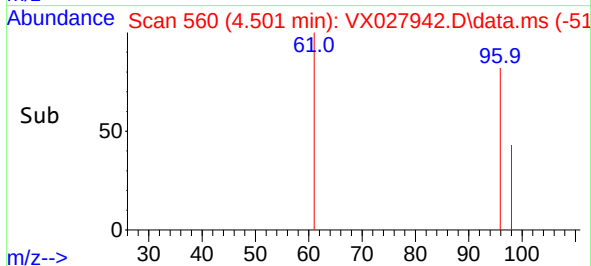
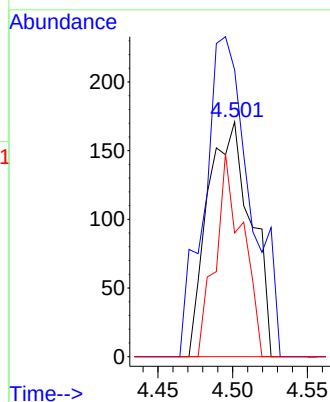
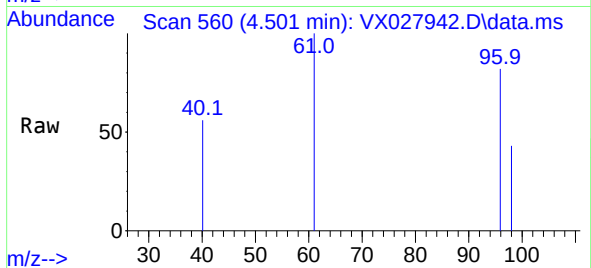


#27
 cis-1,2-Dichloroethene
 Concen: 0.393 ug/l
 RT: 4.501 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VX027942.D
 Acq: 02 Apr 2022 18:38

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-7D

Tgt Ion: 96 Resp: 344

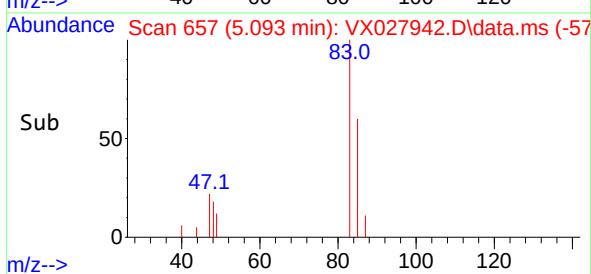
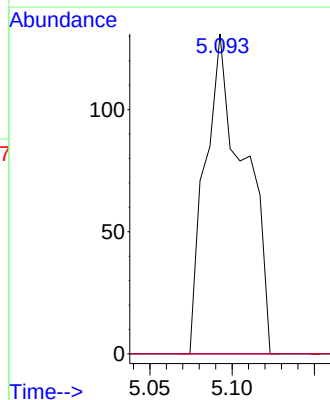
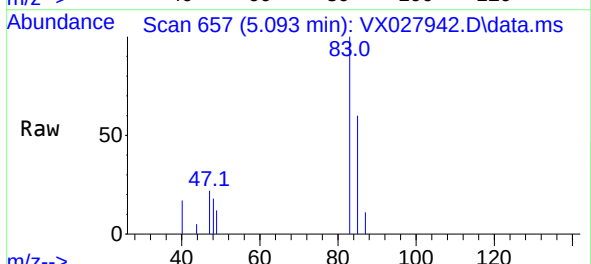
Ion	Ratio	Lower	Upper
96	100		
61	143.6	0.0	283.8
98	54.4	0.0	129.8

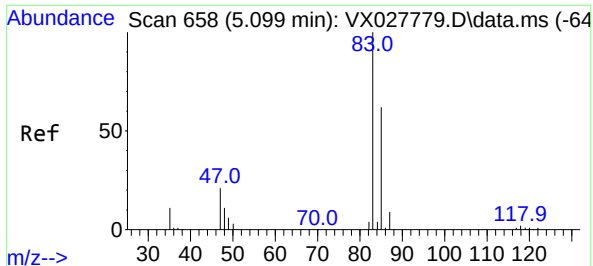


#28
 Bromochloromethane
 Concen: 0.366 ug/l
 RT: 5.093 min Scan# 657
 Delta R.T. 0.196 min
 Lab File: VX027942.D
 Acq: 02 Apr 2022 18:38

Tgt Ion: 49 Resp: 218

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.4
130	0.0	70.7	106.1





#30

Chloroform

Concen: 2.229 ug/l

RT: 5.105 min Scan# 61

Delta R.T. 0.006 min

Lab File: VX027942.D

Acq: 02 Apr 2022 18:38

Instrument :

MSVOA_X

ClientSampleId :

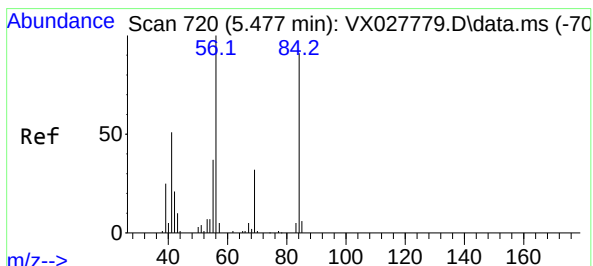
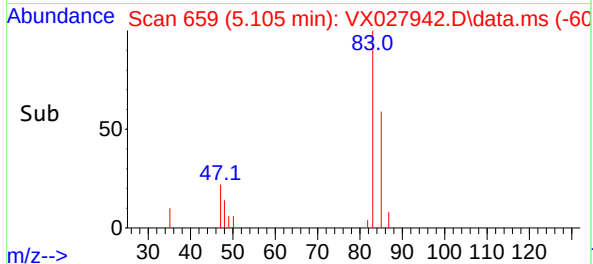
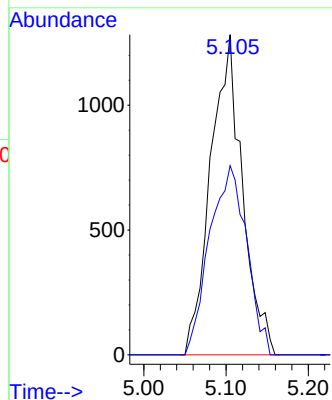
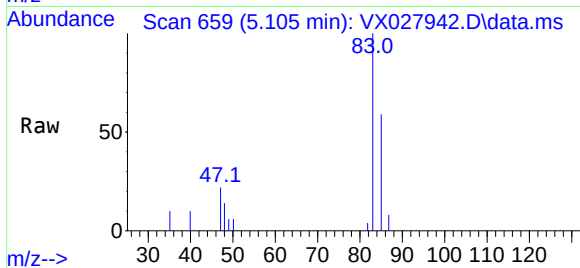
MW-7D

Tgt Ion: 83 Resp: 3433

Ion Ratio Lower Upper

83 100

85 59.1 52.7 79.1



#31

Cyclohexane

Concen: 1.669 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.073 min

Lab File: VX027942.D

Acq: 02 Apr 2022 18:38

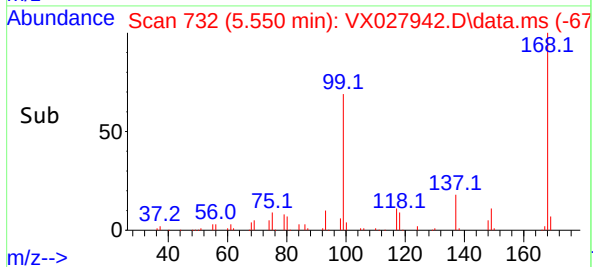
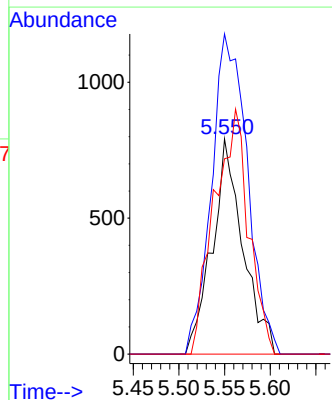
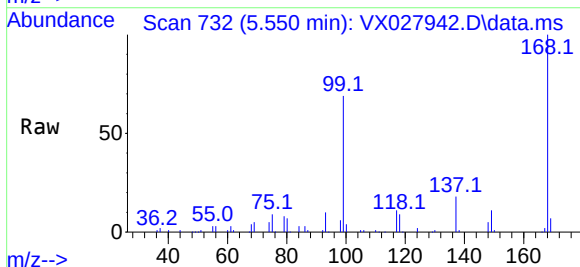
Tgt Ion: 56 Resp: 1854

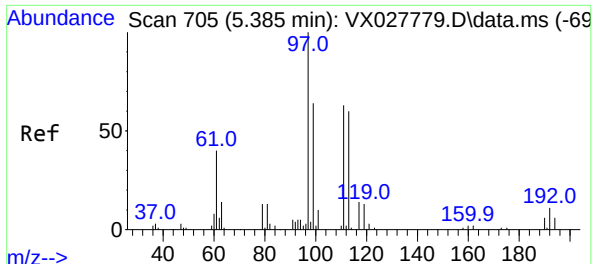
Ion Ratio Lower Upper

56 100

69 148.7 26.7 40.1#

84 90.8 77.2 115.8





#32

1,1,1-Trichloroethane

Concen: 0.242 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX027942.D

Acq: 02 Apr 2022 18:38

Instrument :

MSVOA_X

ClientSampleId :

MW-7D

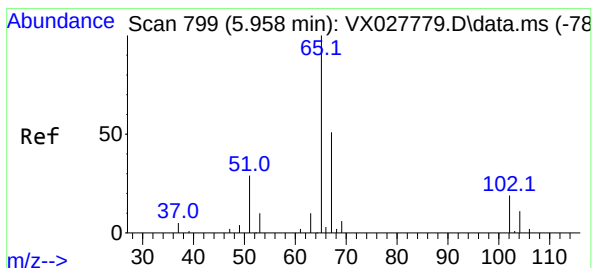
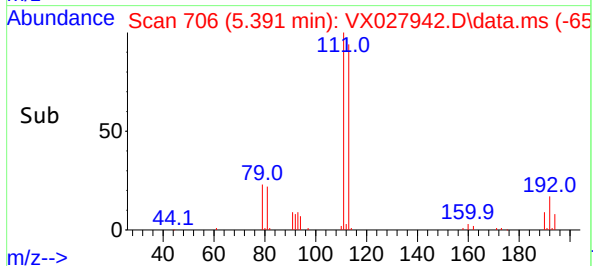
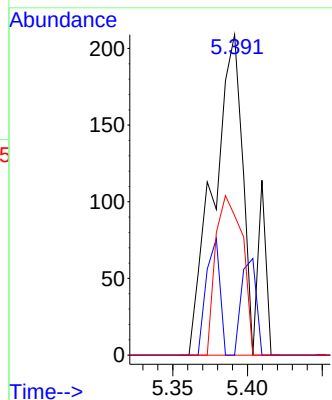
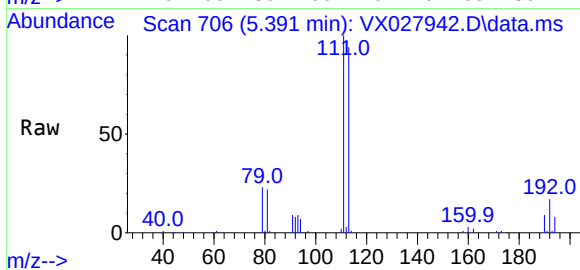
Tgt Ion: 97 Resp: 322

Ion Ratio Lower Upper

97 100

99 0.0 51.8 77.6#

61 40.1 34.0 51.0



#33

1,2-Dichloroethane-d4

Concen: 61.045 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX027942.D

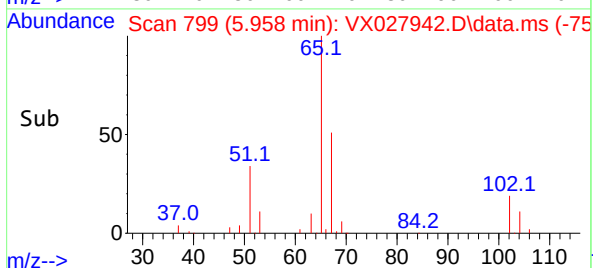
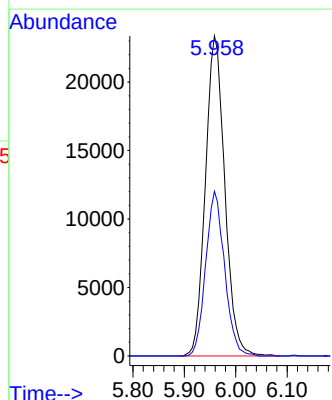
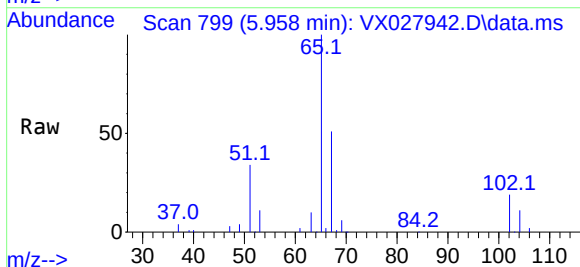
Acq: 02 Apr 2022 18:38

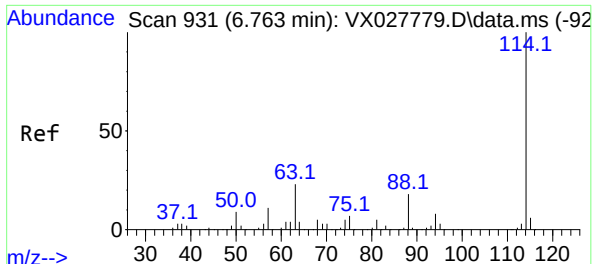
Tgt Ion: 65 Resp: 61349

Ion Ratio Lower Upper

65 100

67 50.1 0.0 107.4

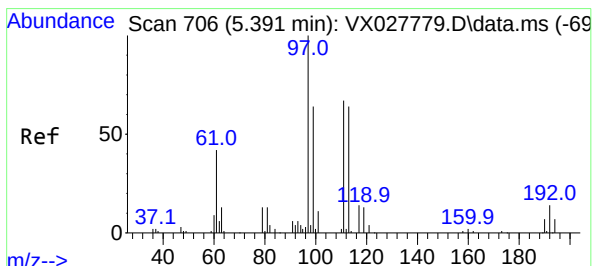
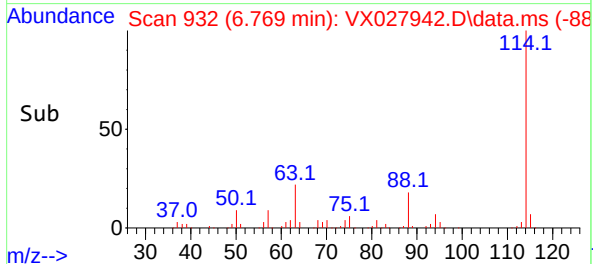
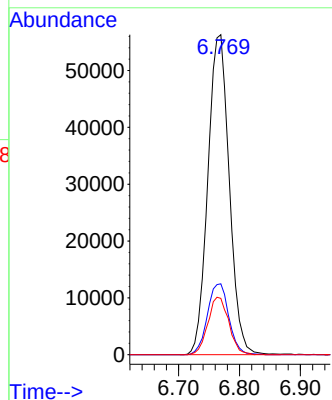
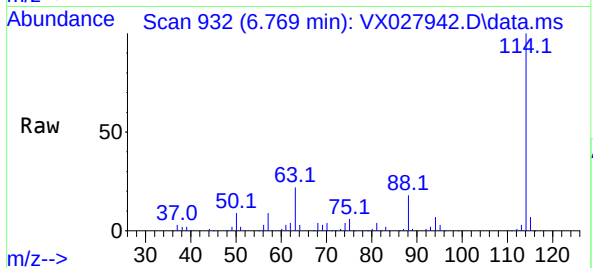




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.006 min
Lab File: VX027942.D
Acq: 02 Apr 2022 18:38

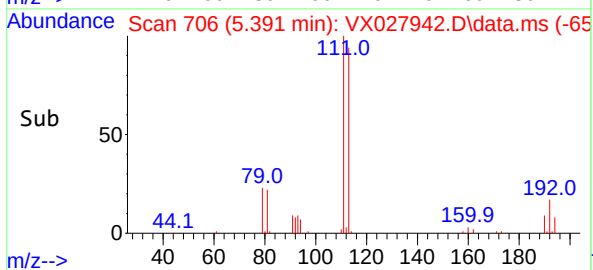
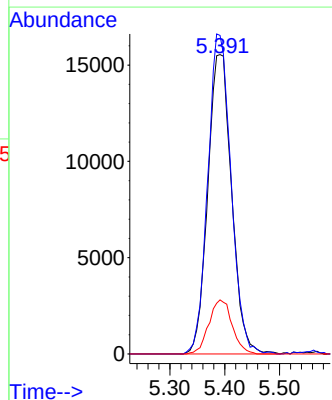
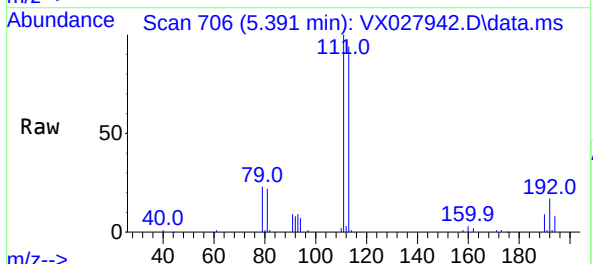
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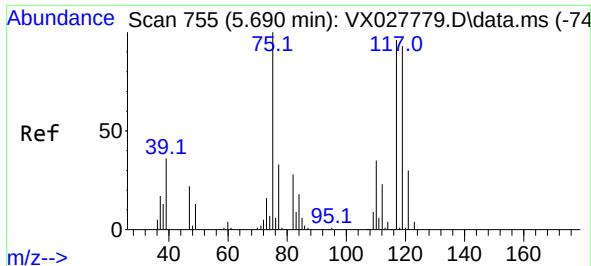
Tgt Ion:114 Resp: 137462
Ion Ratio Lower Upper
114 100
63 22.2 0.0 36.8
88 17.6 0.0 32.4



#35
Dibromofluoromethane
Concen: 52.889 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027942.D
Acq: 02 Apr 2022 18:38

Tgt Ion:113 Resp: 46928
Ion Ratio Lower Upper
113 100
111 103.9 82.8 124.2
192 17.6 16.9 25.3

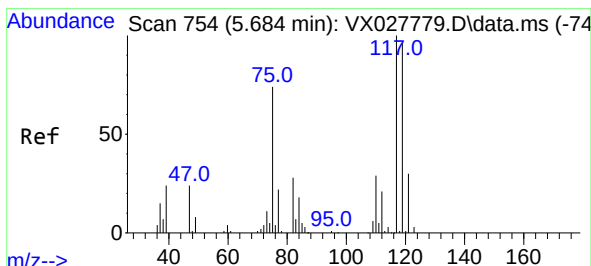
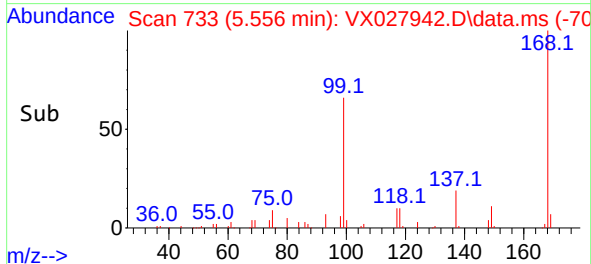
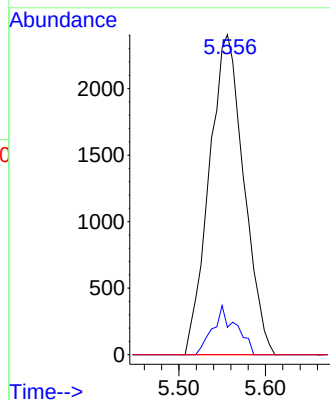
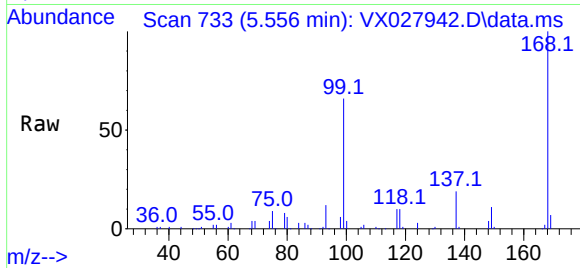




#36
1,1-Dichloropropene
Concen: 5.977 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX027942.D
Acq: 02 Apr 2022 18:38

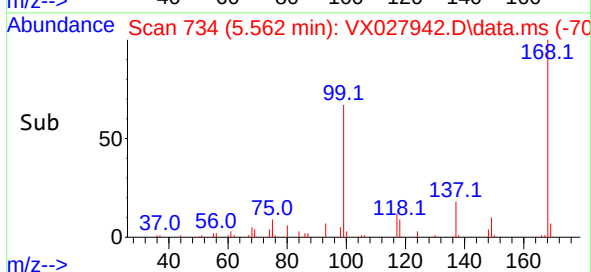
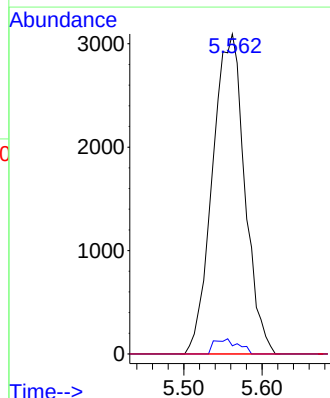
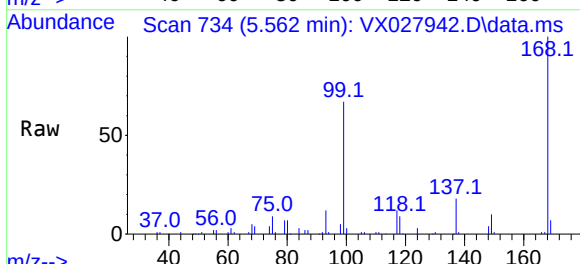
Instrument :
MSVOA_X
ClientSampleId :
MW-7D

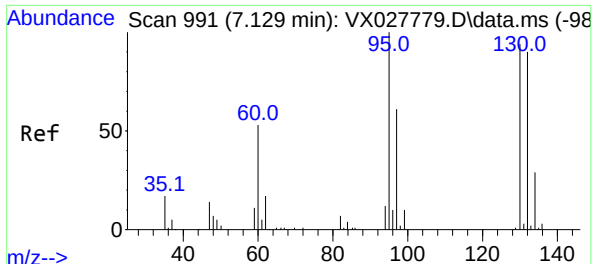
Tgt Ion: 75 Resp: 6680
Ion Ratio Lower Upper
75 100
110 10.3 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 7.161 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX027942.D
Acq: 02 Apr 2022 18:38

Tgt Ion: 117 Resp: 8841
Ion Ratio Lower Upper
117 100
119 2.6 77.3 115.9#
121 0.0 24.2 36.2#

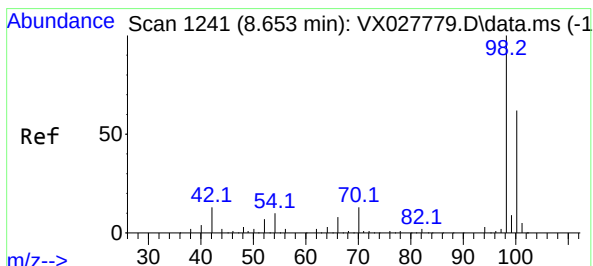
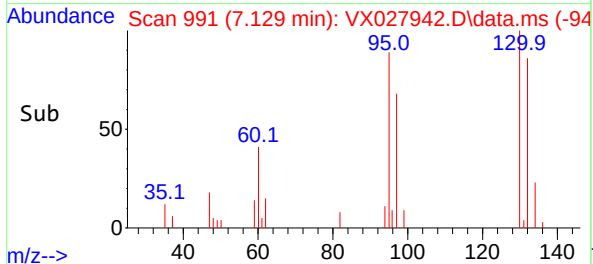
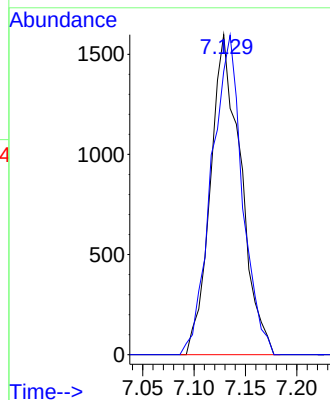
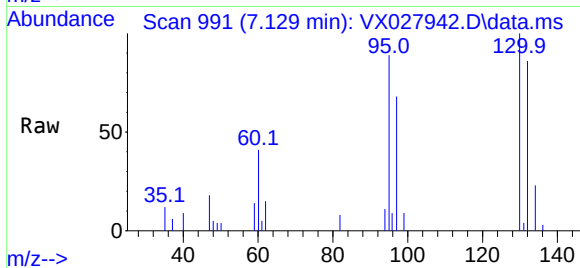




#44
Trichloroethene
Concen: 3.568 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX027942.D
Acq: 02 Apr 2022 18:38

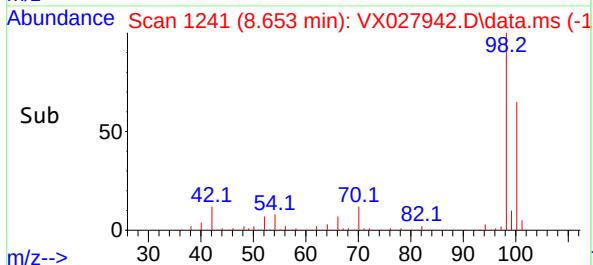
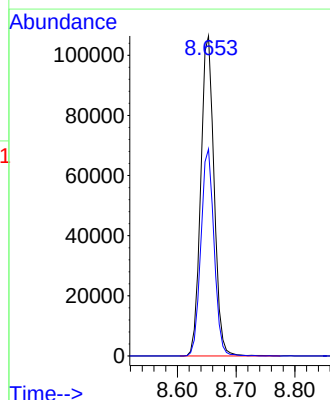
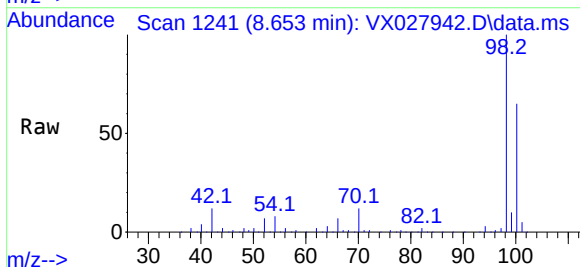
Instrument :
MSVOA_X
ClientSampleId :
MW-7D

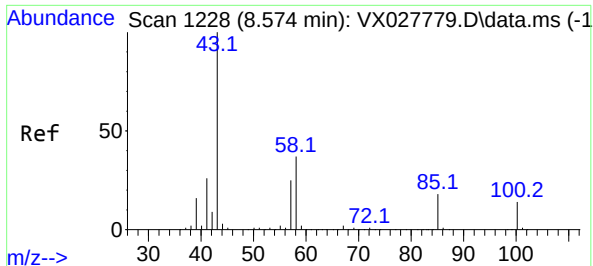
Tgt Ion:130 Resp: 3284
Ion Ratio Lower Upper
130 100
95 88.5 0.0 188.8



#50
Toluene-d8
Concen: 53.656 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX027942.D
Acq: 02 Apr 2022 18:38

Tgt Ion: 98 Resp: 167507
Ion Ratio Lower Upper
98 100
100 64.1 52.6 78.8

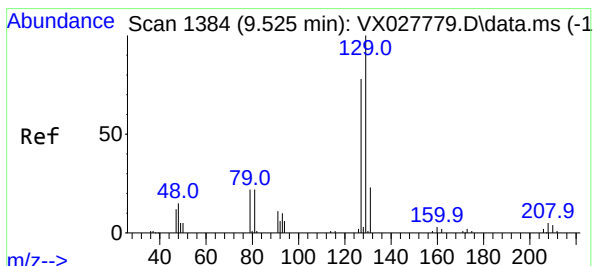
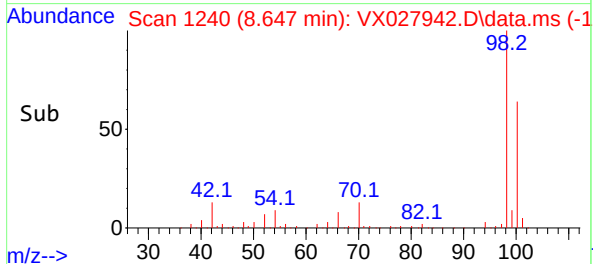
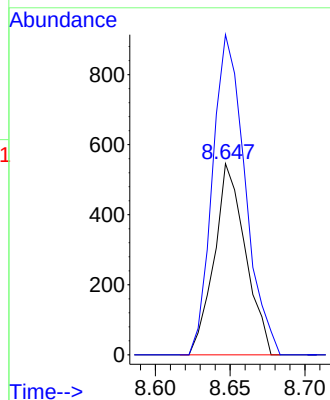
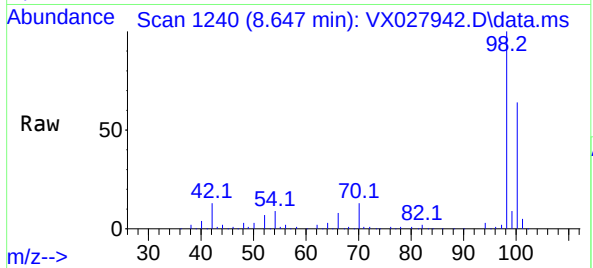




#51
4-Methyl-2-Pentanone
Concen: 0.514 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX027942.D
Acq: 02 Apr 2022 18:38

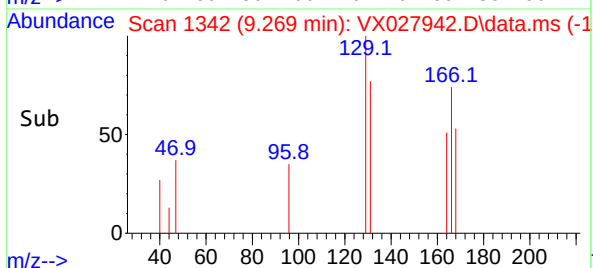
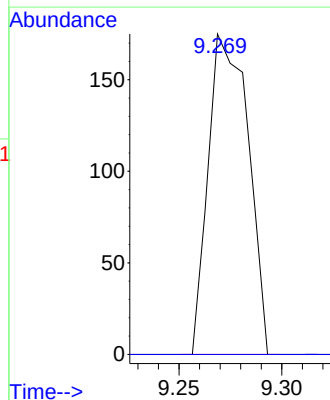
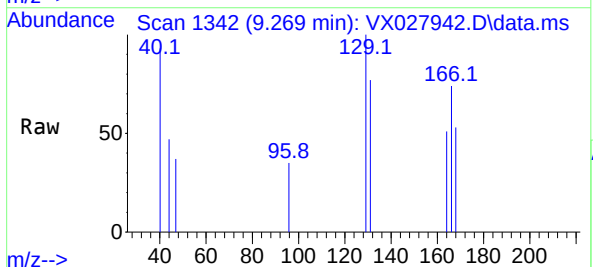
Instrument :
MSVOA_X
ClientSampleId :
MW-7D

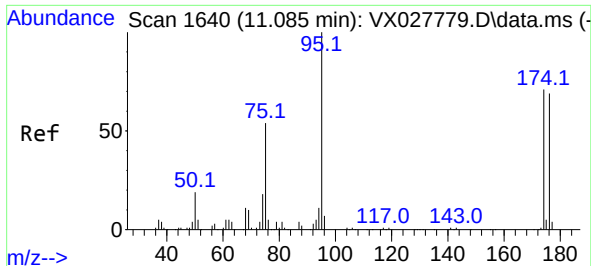
Tgt Ion: 43 Resp: 791
Ion Ratio Lower Upper
43 100
58 175.1 36.1 54.1#



#60
Dibromochloromethane
Concen: 0.241 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.256 min
Lab File: VX027942.D
Acq: 02 Apr 2022 18:38

Tgt Ion: 129 Resp: 236
Ion Ratio Lower Upper
129 100
127 0.0 40.3 120.8#

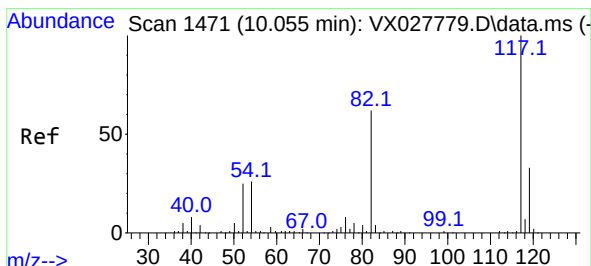
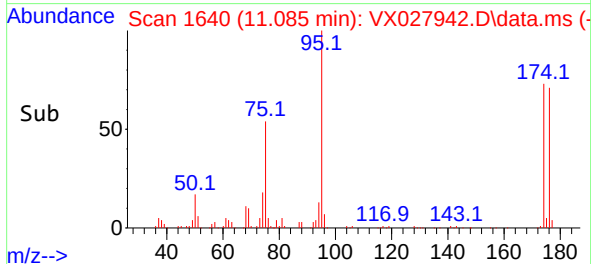
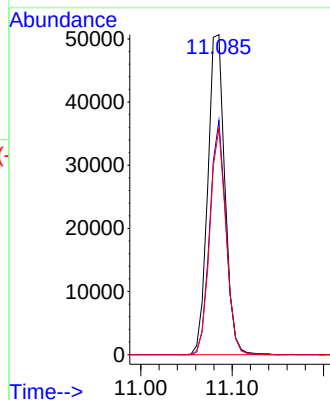
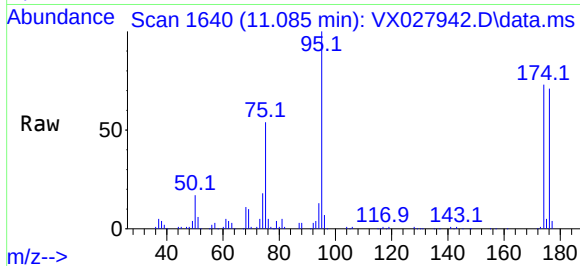




#62
4-Bromofluorobenzene
Concen: 49.534 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX027942.D
Acq: 02 Apr 2022 18:38

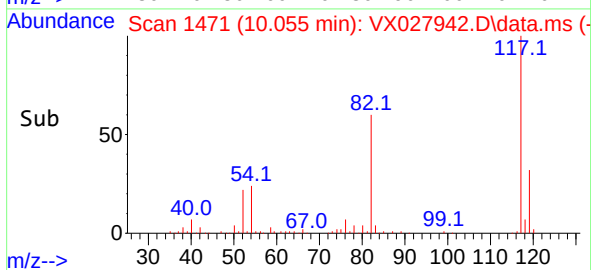
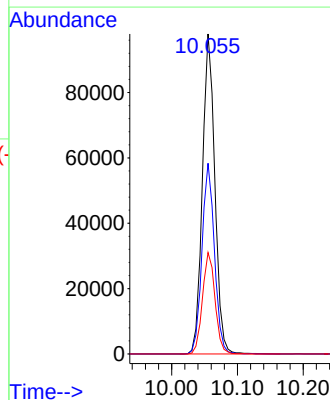
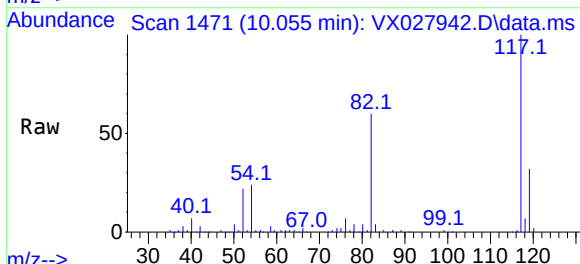
Instrument :
MSVOA_X
ClientSampleId :
MW-7D

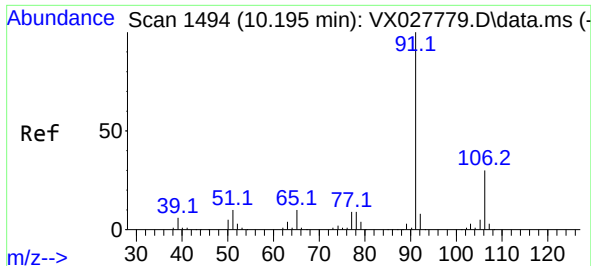
Tgt Ion: 95 Resp: 65715
Ion Ratio Lower Upper
95 100
174 69.4 0.0 163.0
176 67.1 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027942.D
Acq: 02 Apr 2022 18:38

Tgt Ion: 117 Resp: 128662
Ion Ratio Lower Upper
117 100
82 59.6 41.8 62.8
119 31.7 24.8 37.2

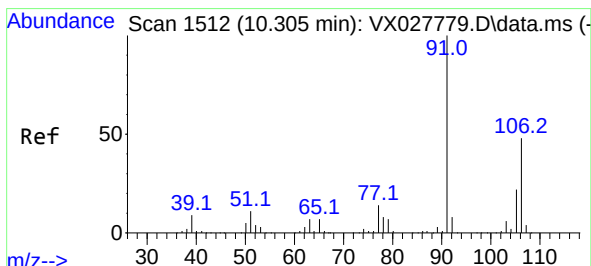
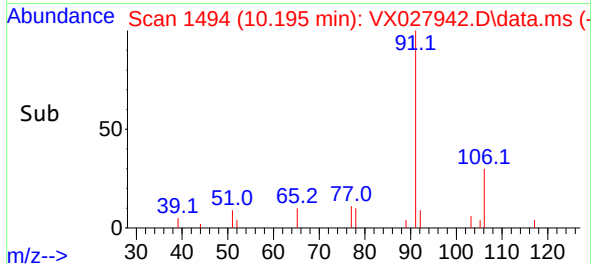
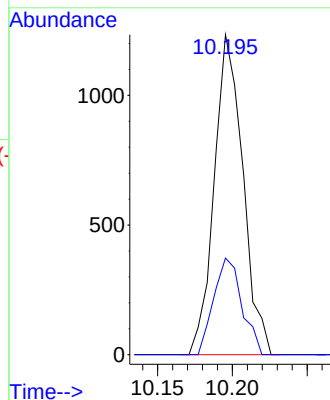
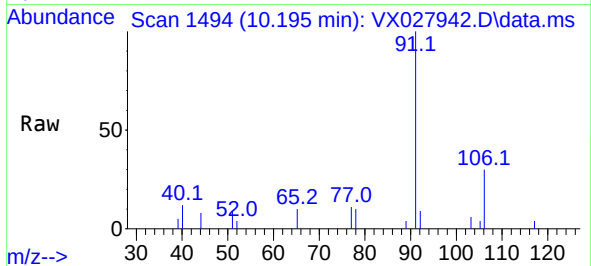




#67
Ethyl Benzene
Concen: 0.357 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX027942.D
Acq: 02 Apr 2022 18:38

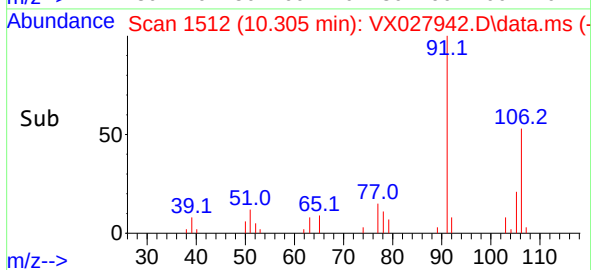
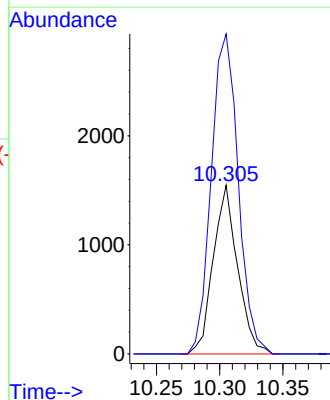
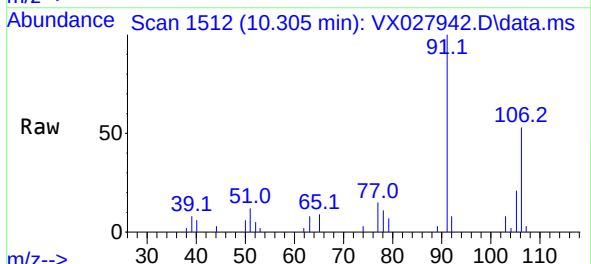
Instrument :
MSVOA_X
ClientSampleId :
MW-7D

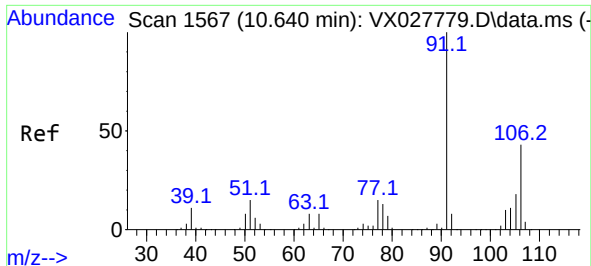
Tgt Ion: 91 Resp: 1643
Ion Ratio Lower Upper
91 100
106 30.2 24.6 36.8



#68
m/p-Xylenes
Concen: 1.225 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX027942.D
Acq: 02 Apr 2022 18:38

Tgt Ion: 106 Resp: 2071
Ion Ratio Lower Upper
106 100
91 209.6 160.4 240.6

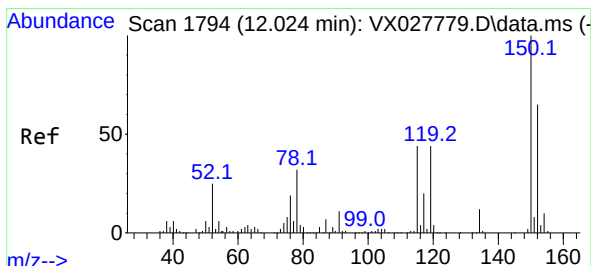
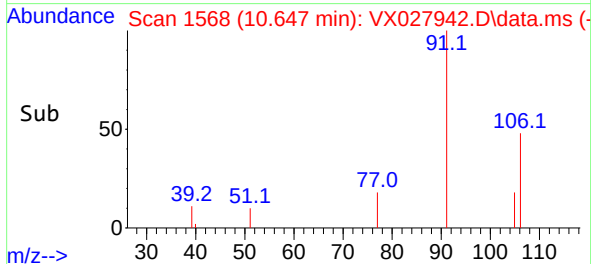
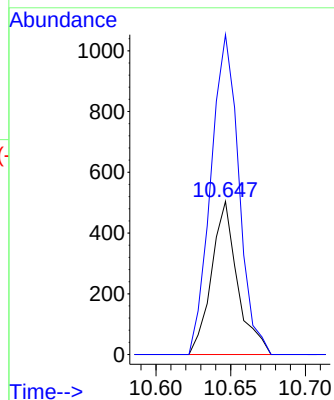
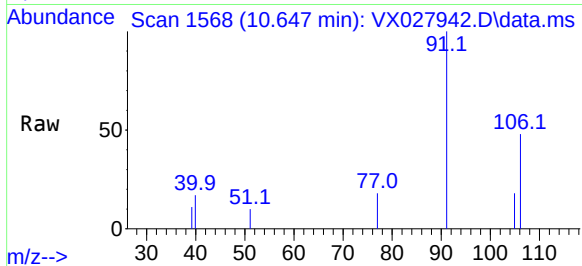




#69
o-Xylene
Concen: 0.369 ug/l
RT: 10.647 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX027942.D
Acq: 02 Apr 2022 18:38

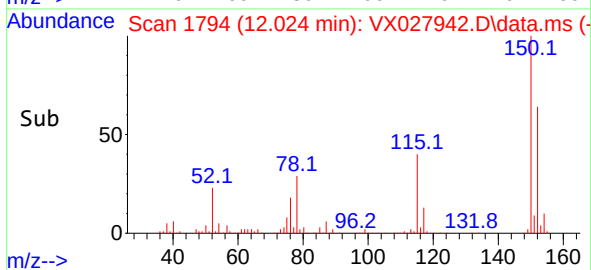
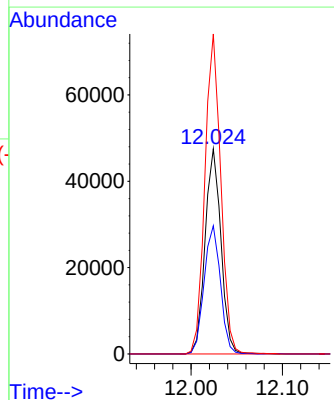
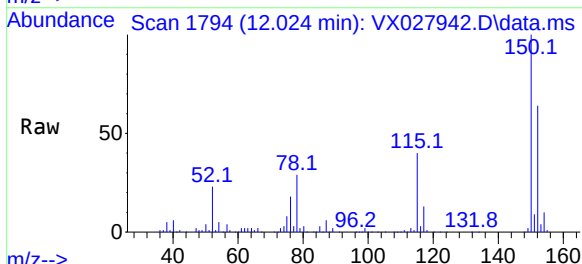
Instrument :
MSVOA_X
ClientSampleId :
MW-7D

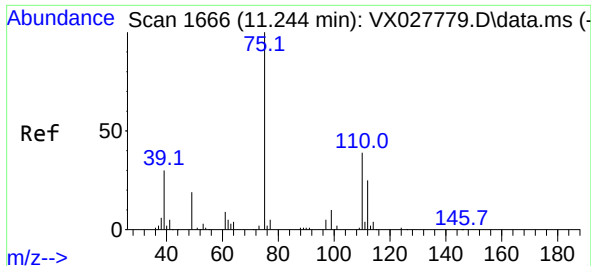
Tgt Ion:106 Resp: 610
Ion Ratio Lower Upper
106 100
91 224.9 106.1 318.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027942.D
Acq: 02 Apr 2022 18:38

Tgt Ion:152 Resp: 57356
Ion Ratio Lower Upper
152 100
115 64.3 37.5 112.7
150 155.9 0.0 338.2

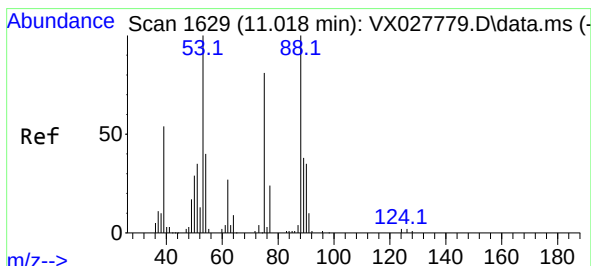
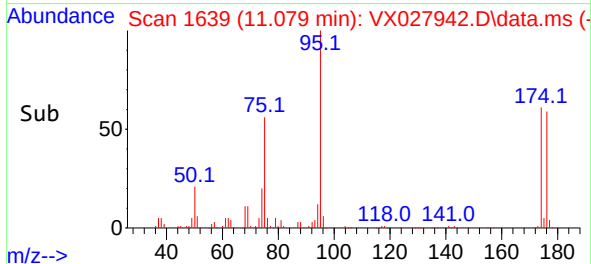
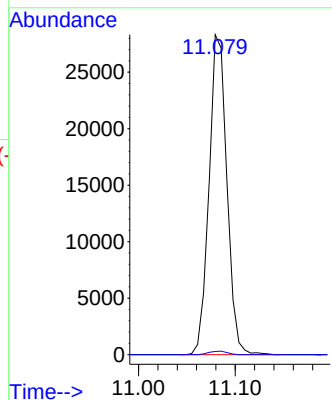
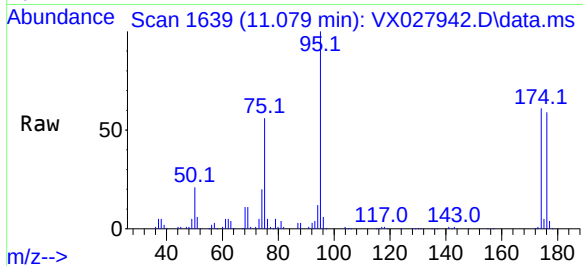




#76
1,2,3-Trichloropropane
Concen: 27.061 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX027942.D
Acq: 02 Apr 2022 18:38

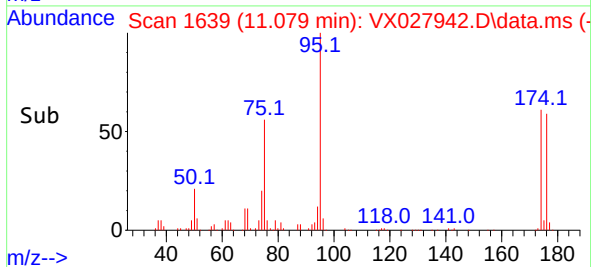
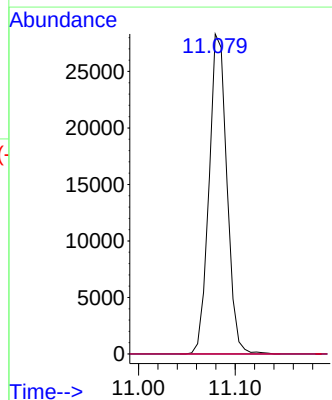
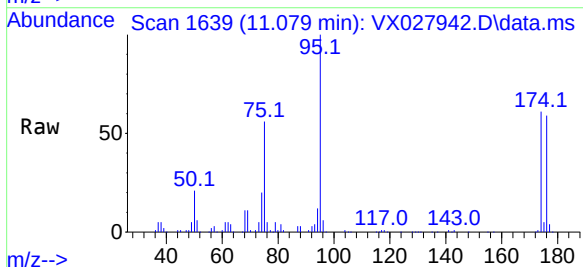
Instrument :
MSVOA_X
ClientSampleId :
MW-7D

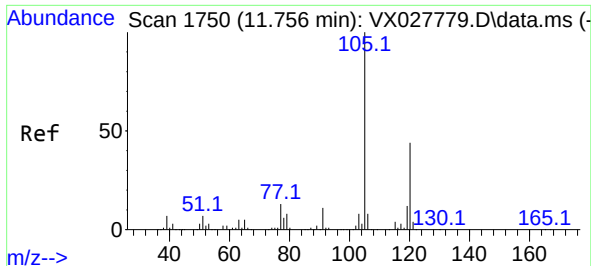
Tgt Ion: 75 Resp: 36410
Ion Ratio Lower Upper
75 100
77 1.1 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 79.165 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX027942.D
Acq: 02 Apr 2022 18:38

Tgt Ion: 75 Resp: 36410
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

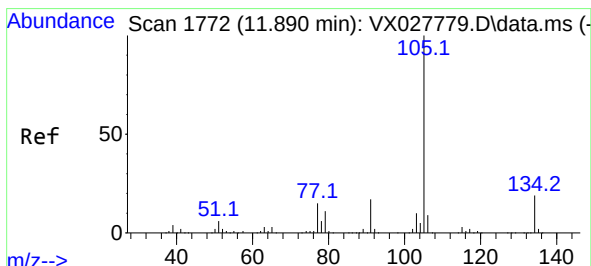
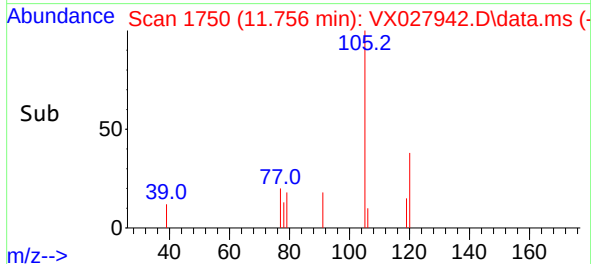
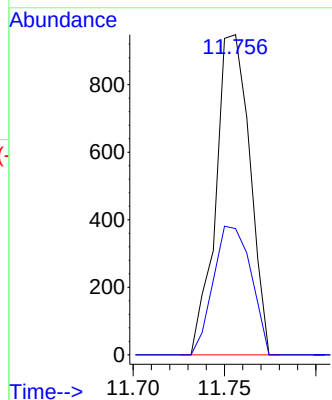
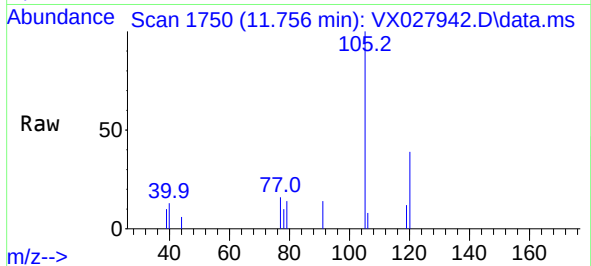




#84
1,2,4-Trimethylbenzene
Concen: 0.333 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX027942.D
Acq: 02 Apr 2022 18:38

Instrument :
MSVOA_X
ClientSampleId :
MW-7D

Tgt Ion:105 Resp: 1229
Ion Ratio Lower Upper
105 100
120 44.6 22.6 67.8



#85
sec-Butylbenzene
Concen: 0.278 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.134 min
Lab File: VX027942.D
Acq: 02 Apr 2022 18:38

Tgt Ion:105 Resp: 1229
Ion Ratio Lower Upper
105 100
134 0.0 10.2 30.4#

