

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021622\
 Data File : VX027040.D
 Acq On : 15 Feb 2022 19:39
 Operator : JC/MD
 Sample : N1541-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-4R

Quant Time: Feb 16 04:09:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 08 07:07:46 2022
 Response via : Initial Calibration

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

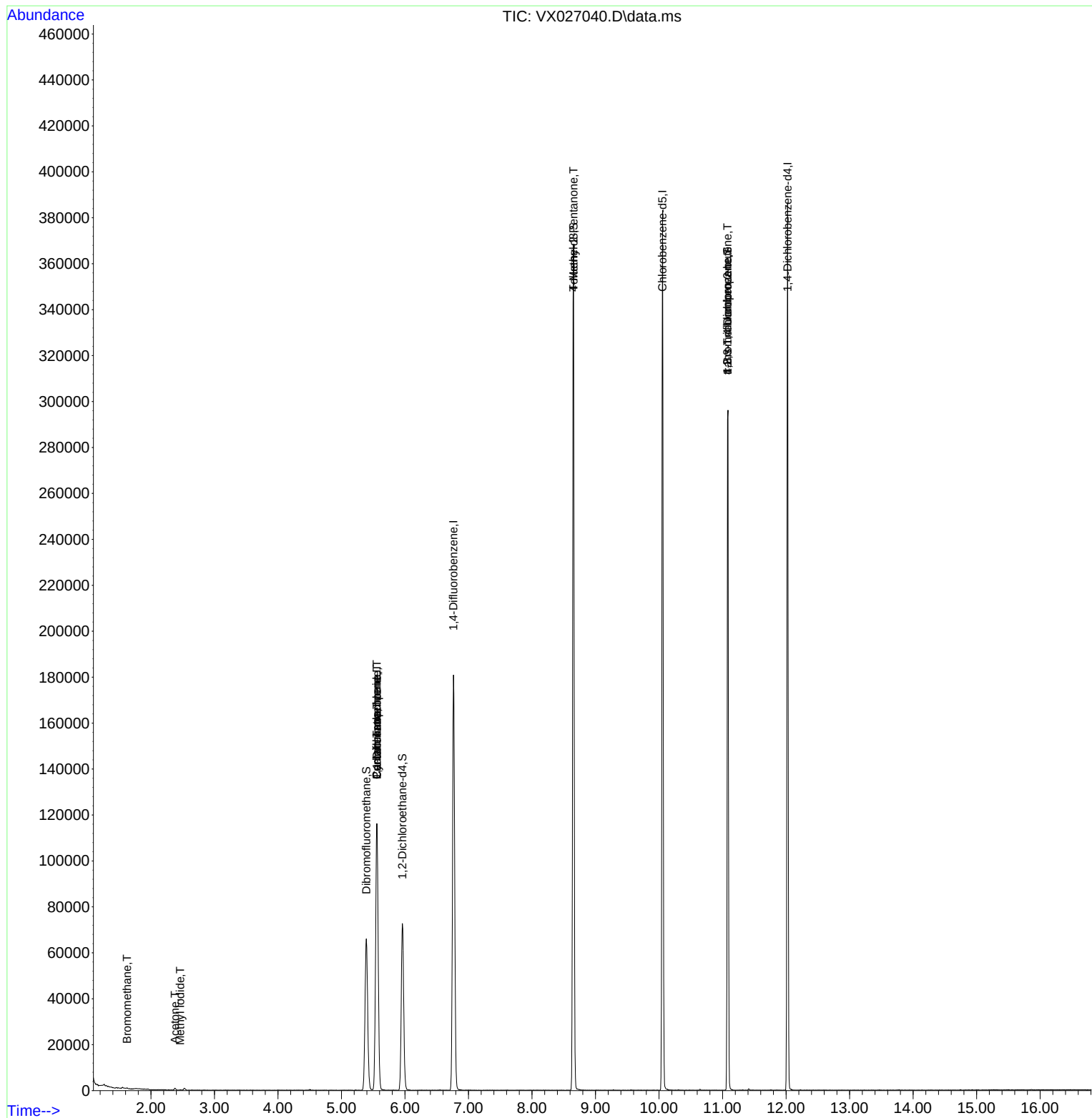
Internal Standards						
1) Pentafluorobenzene	5.555	168	111621	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	187051	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	172010	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	77795	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	70813	52.850	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 105.700%	
35) Dibromofluoromethane	5.391	113	58493	52.488	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.980%	
50) Toluene-d8	8.652	98	217234	53.104	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 106.200%	
62) 4-Bromofluorobenzene	11.079	95	83474	57.960	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 115.920%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.623	94	135	0.269	ug/l	88
10) Methyl Iodide	2.458	142	181	2.363	ug/l #	37
16) Acetone	2.379	43	940	1.597	ug/l #	73
31) Cyclohexane	5.555	56	2241	1.053	ug/l #	1
36) 1,1-Dichloropropene	5.555	75	8484	4.826	ug/l #	51
38) Carbon Tetrachloride	5.555	117	11587	6.285	ug/l #	17
51) 4-Methyl-2-Pentanone	8.652	43	827	0.444	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	41581	24.417	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	41581	74.556	ug/l #	3

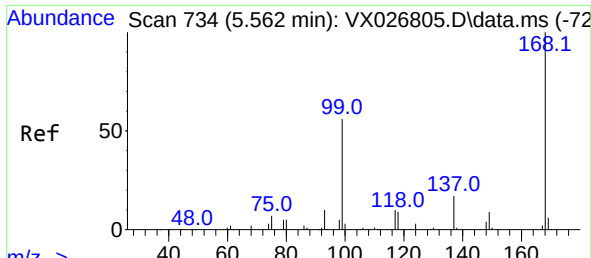
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.555 min Scan# 71

Delta R.T. -0.007 min

Lab File: VX027040.D

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Instrument :

MSVOA_X

ClientSampleId :

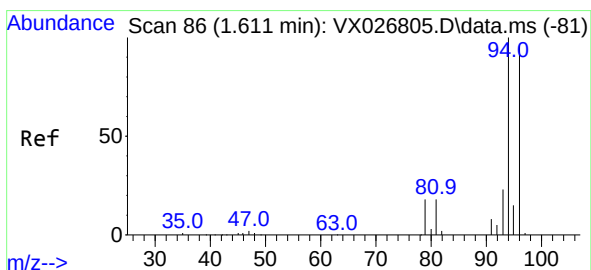
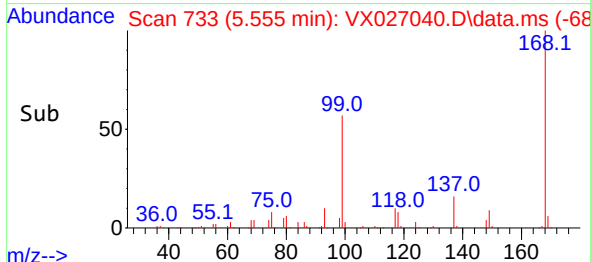
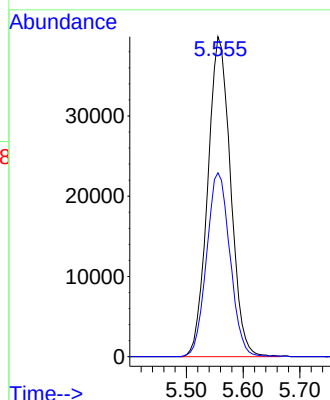
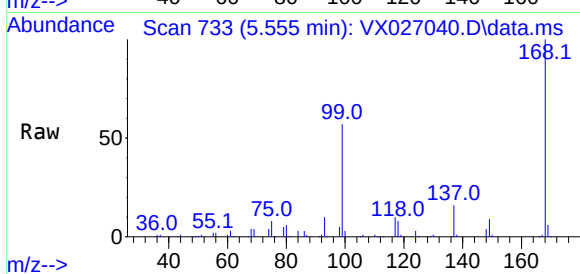
MW-4R

Tgt Ion:168 Resp: 111621

Ion Ratio Lower Upper

168 100

99 57.5 50.3 75.5



#5

Bromomethane

Concen: 0.269 ug/l

RT: 1.623 min Scan# 88

Delta R.T. 0.012 min

Lab File: VX027040.D

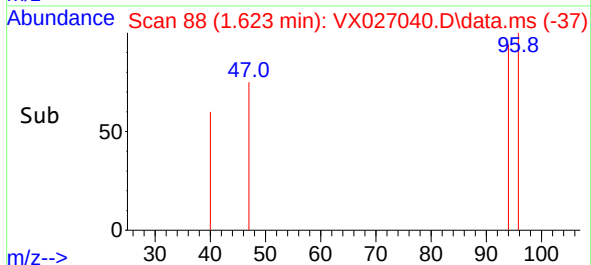
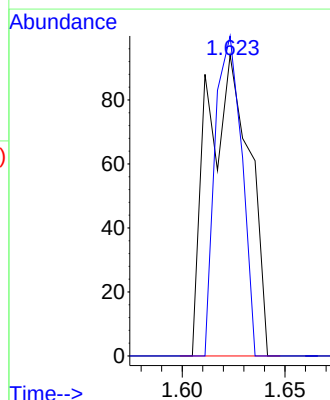
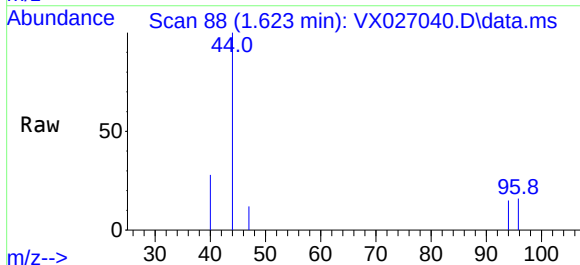
Acq: 15 Feb 2022 19:39

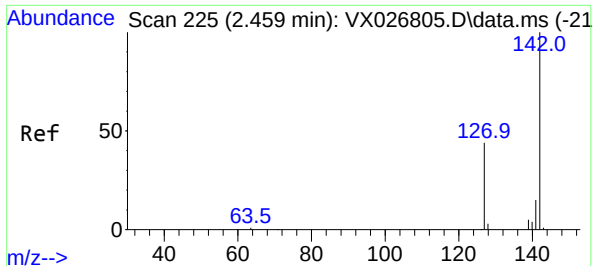
Tgt Ion: 94 Resp: 135

Ion Ratio Lower Upper

94 100

96 106.4 75.9 113.9

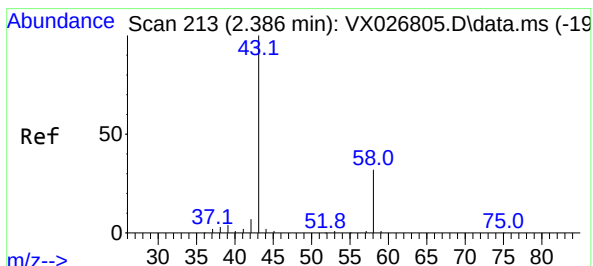
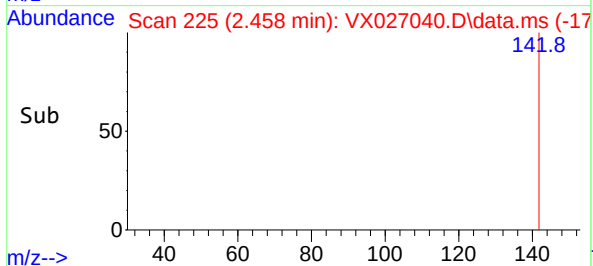
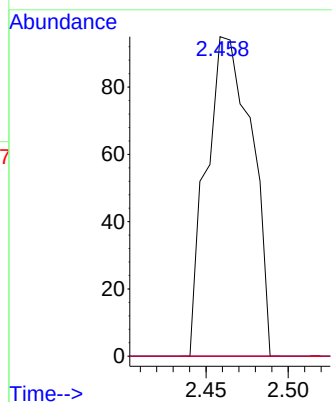
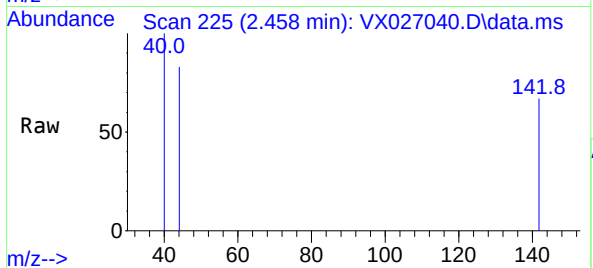




#10
Methyl Iodide
Concen: 2.363 ug/l
RT: 2.458 min Scan# 211
Delta R.T. -0.001 min
Lab File: VX027040.D
Acq: 15 Feb 2022 19:39

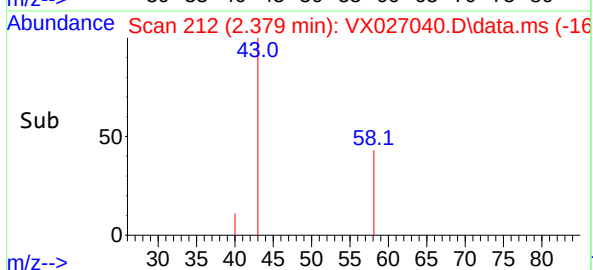
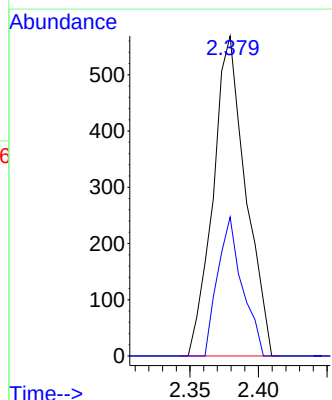
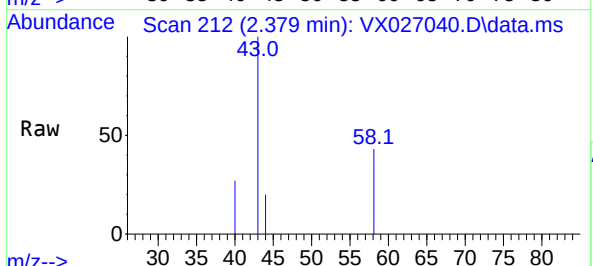
Instrument :
MSVOA_X
ClientSampleId :
MW-4R

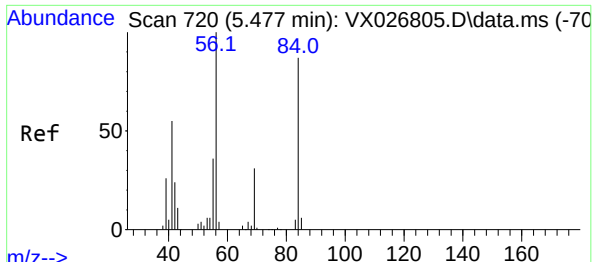
Tgt Ion:	142	Resp:	181
Ion	Ratio	Lower	Upper
142	100		
127	0.0	38.1	57.1#
141	0.0	11.2	16.8#



#16
Acetone
Concen: 1.597 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX027040.D
Acq: 15 Feb 2022 19:39

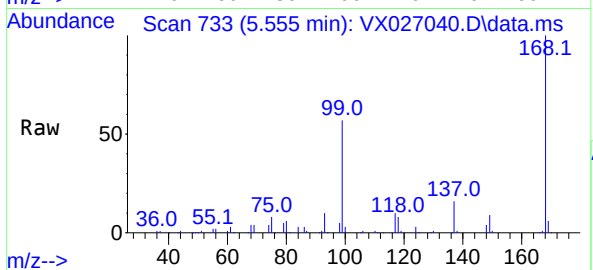
Tgt Ion:	43	Resp:	940
Ion	Ratio	Lower	Upper
43	100		
58	43.4	23.0	34.6#



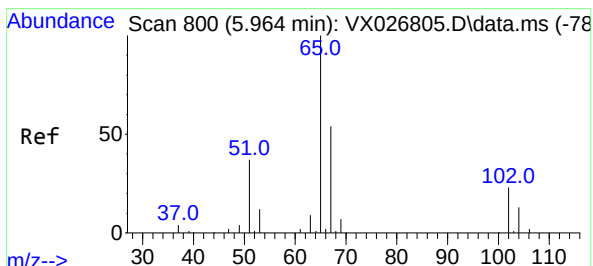
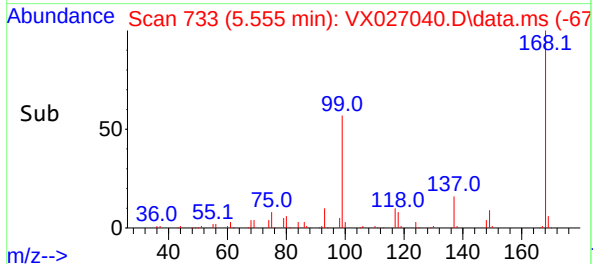
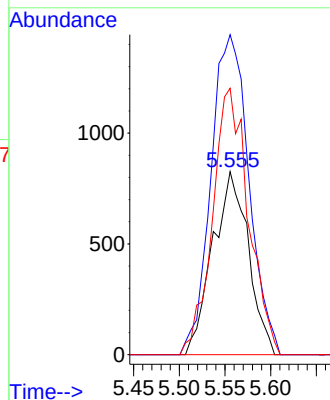


#31
Cyclohexane
Concen: 1.053 ug/l
RT: 5.555 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX027040.D
Acq: 15 Feb 2022 19:39

Instrument :
MSVOA_X
ClientSampleId :
MW-4R

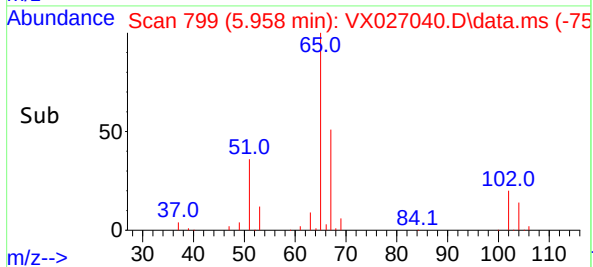
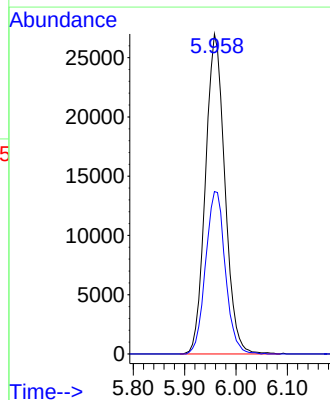
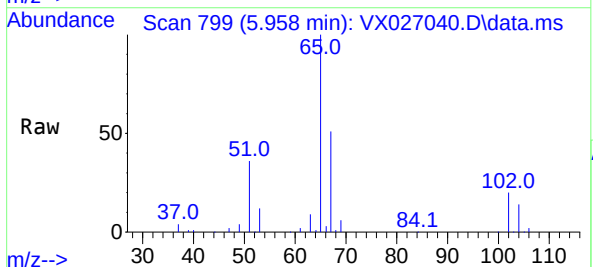


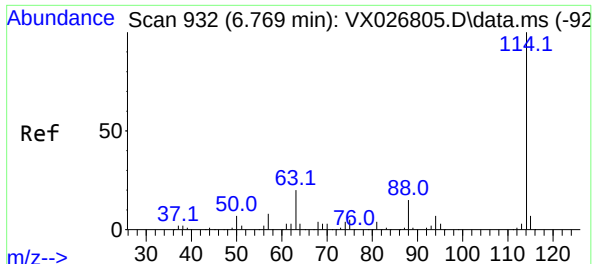
Tgt Ion: 56 Resp: 2241
Ion Ratio Lower Upper
56 100
69 174.8 25.8 38.6#
84 145.5 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 52.850 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX027040.D
Acq: 15 Feb 2022 19:39

Tgt Ion: 65 Resp: 70813
Ion Ratio Lower Upper
65 100
67 51.4 0.0 100.8

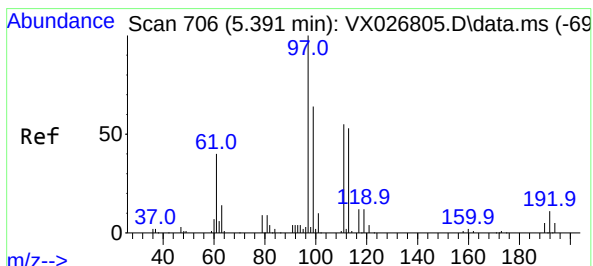
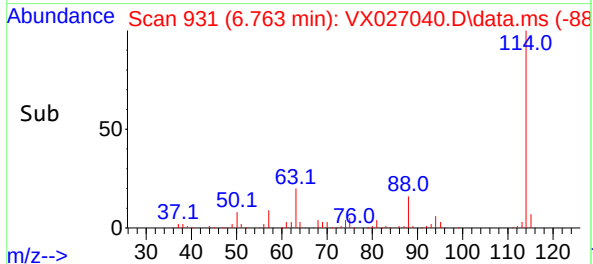
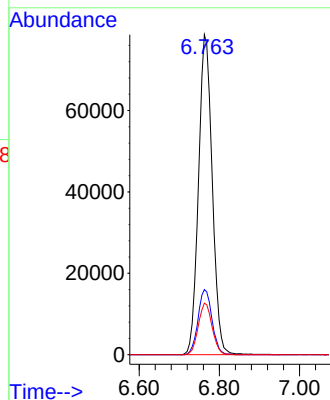
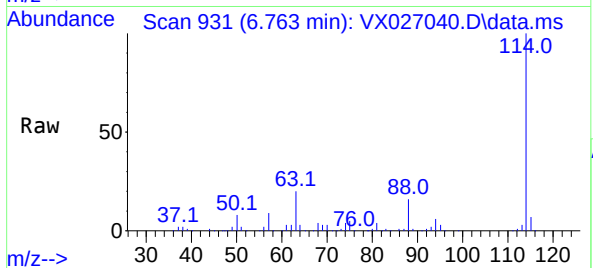




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX027040.D
Acq: 15 Feb 2022 19:39

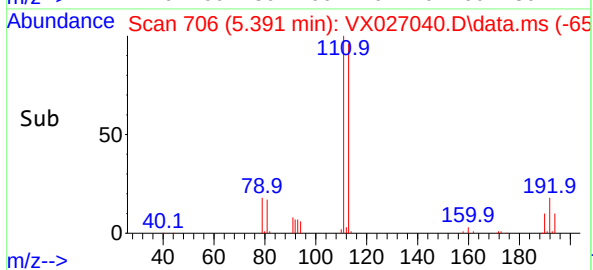
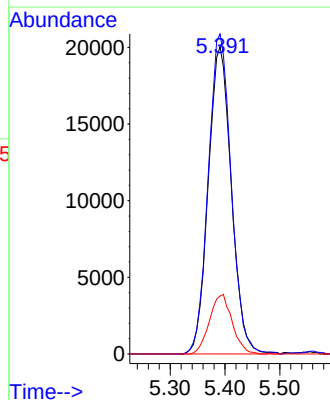
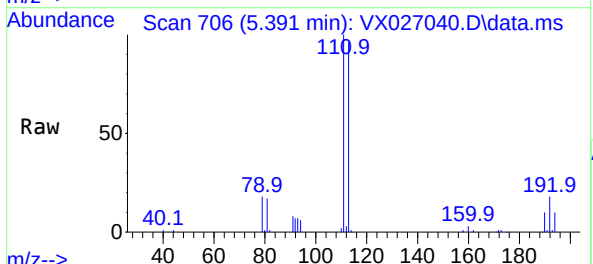
Instrument :
MSVOA_X
ClientSampleId :
MW-4R

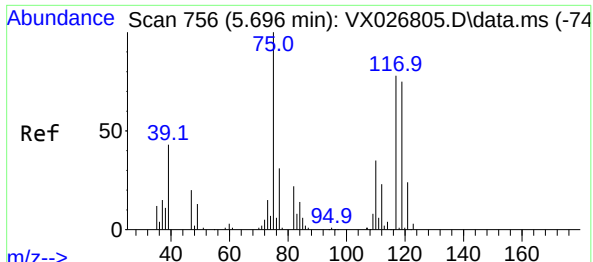
Tgt Ion:114 Resp: 187051
Ion Ratio Lower Upper
114 100
63 20.4 0.0 42.8
88 16.1 0.0 33.0



#35
Dibromofluoromethane
Concen: 52.488 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX027040.D
Acq: 15 Feb 2022 19:39

Tgt Ion:113 Resp: 58493
Ion Ratio Lower Upper
113 100
111 103.7 81.2 121.8
192 19.0 15.0 22.4





#36

1,1-Dichloropropene

Concen: 4.826 ug/l

RT: 5.555 min Scan# 71

Delta R.T. -0.141 min

Lab File: VX027040.D

Acq: 15 Feb 2022 19:39

Instrument :

MSVOA_X

ClientSampleId :

MW-4R

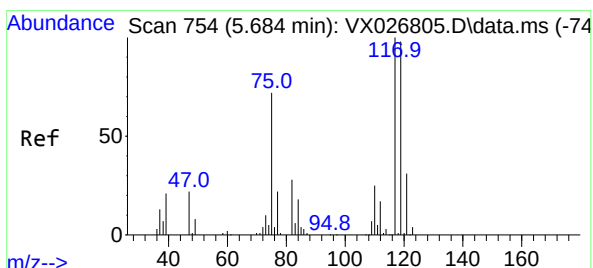
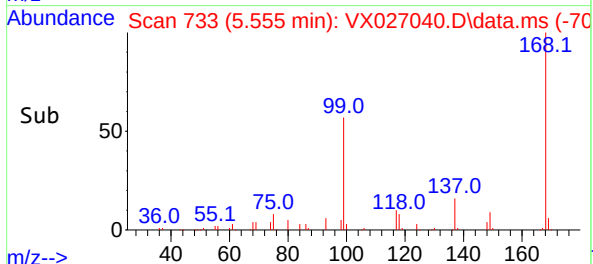
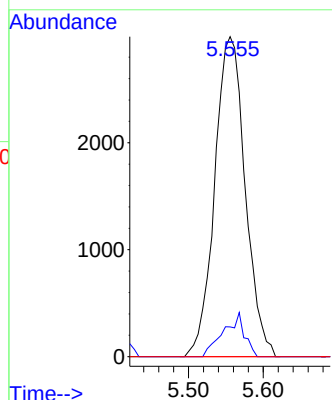
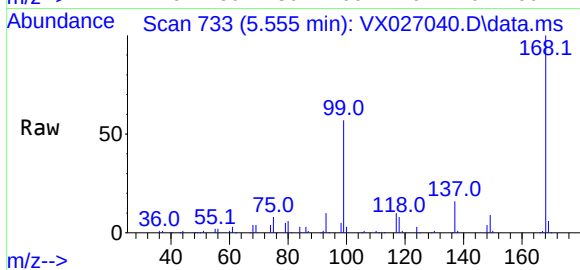
Tgt Ion: 75 Resp: 8484

Ion Ratio Lower Upper

75 100

110 9.5 17.2 51.6#

77 0.0 24.6 36.8#



#38

Carbon Tetrachloride

Concen: 6.285 ug/l

RT: 5.555 min Scan# 733

Delta R.T. -0.128 min

Lab File: VX027040.D

Acq: 15 Feb 2022 19:39

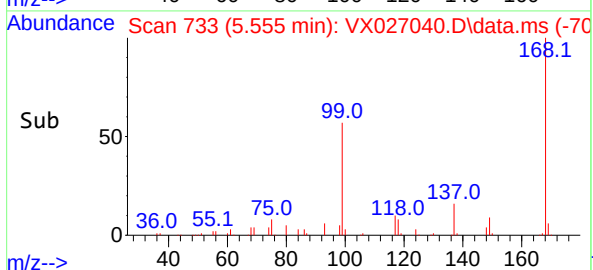
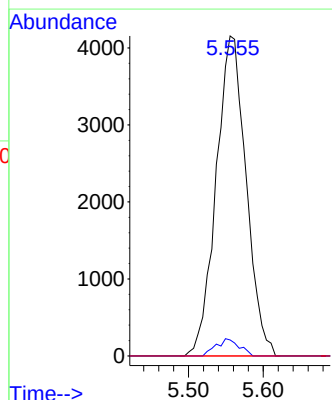
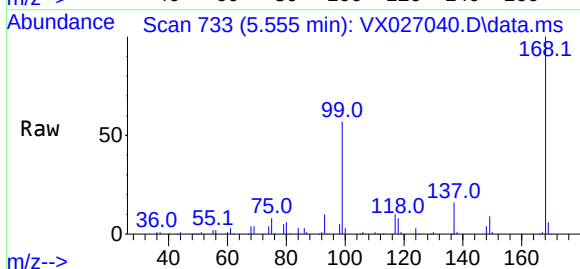
Tgt Ion: 117 Resp: 11587

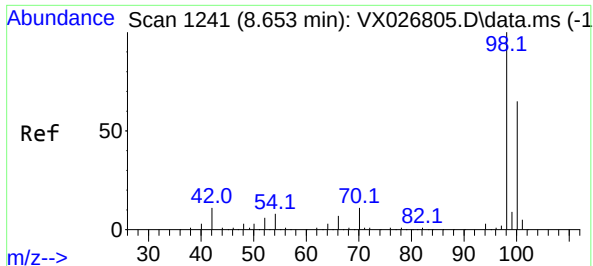
Ion Ratio Lower Upper

117 100

119 5.0 74.7 112.1#

121 0.0 25.4 38.0#

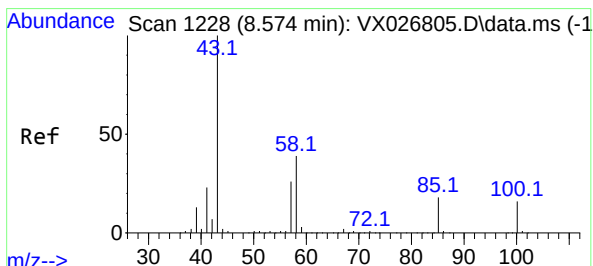
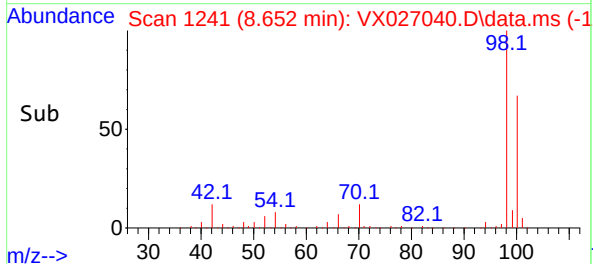
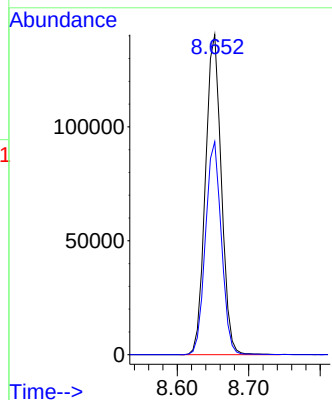
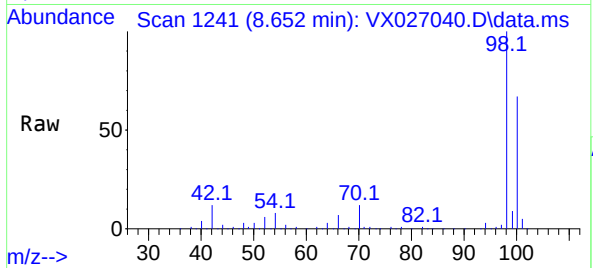




#50
Toluene-d8
Concen: 53.104 ug/l
RT: 8.652 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX027040.D
Acq: 15 Feb 2022 19:39

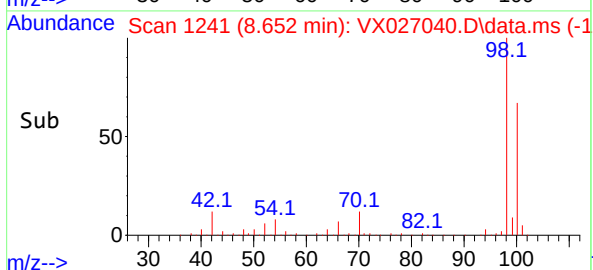
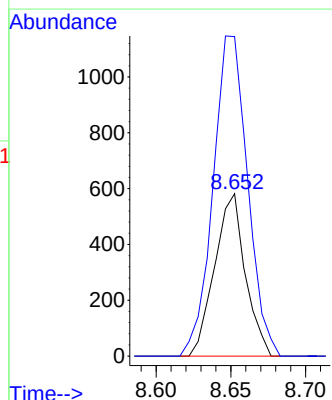
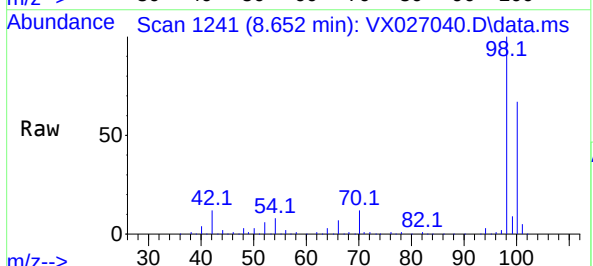
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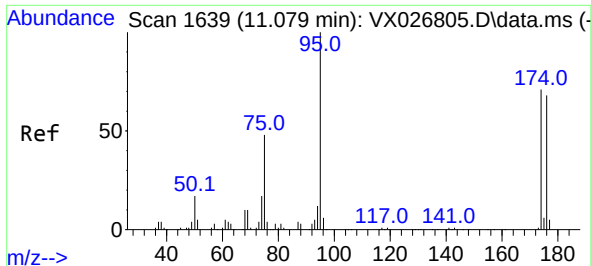
Tgt Ion: 98 Resp: 217234
Ion Ratio Lower Upper
98 100
100 66.6 53.2 79.8



#51
4-Methyl-2-Pentanone
Concen: 0.444 ug/l
RT: 8.652 min Scan# 1241
Delta R.T. 0.079 min
Lab File: VX027040.D
Acq: 15 Feb 2022 19:39

Tgt Ion: 43 Resp: 827
Ion Ratio Lower Upper
43 100
58 222.9 30.5 45.7#

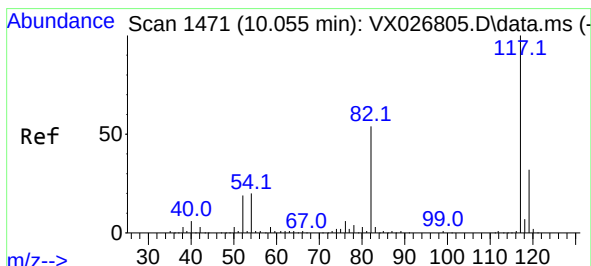
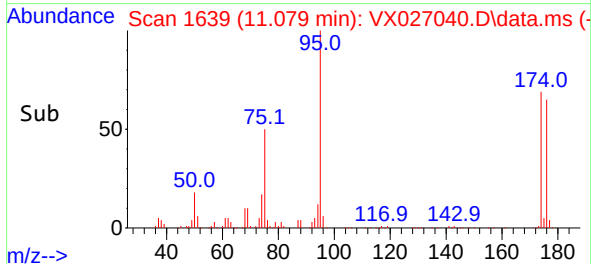
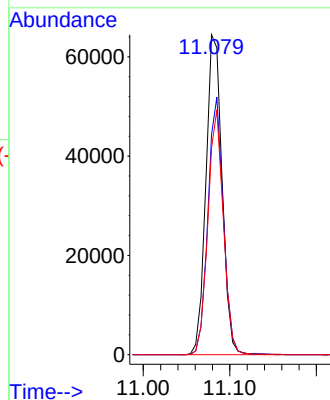
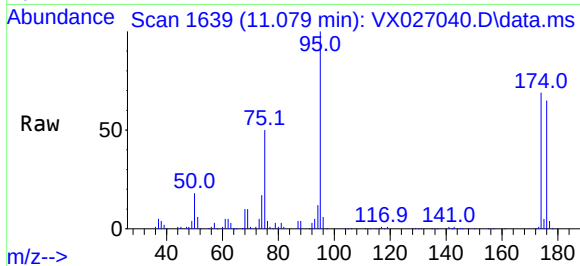




#62
4-Bromofluorobenzene
Concen: 57.960 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX027040.D
Acq: 15 Feb 2022 19:39

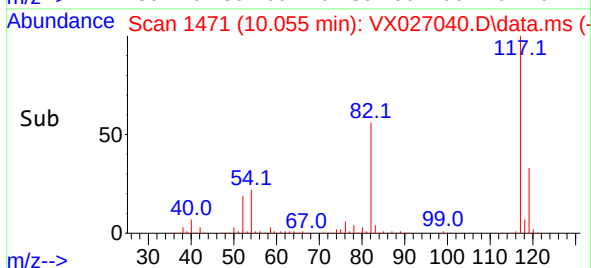
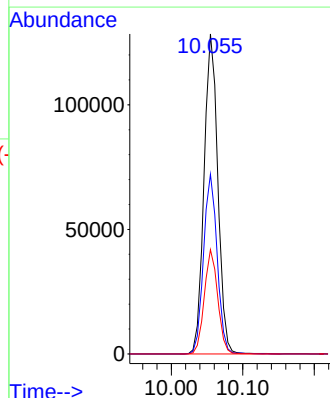
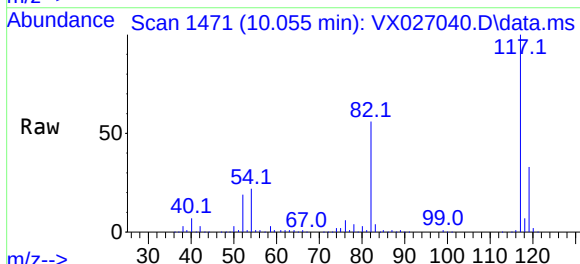
Instrument :
MSVOA_X
ClientSampleId :
MW-4R

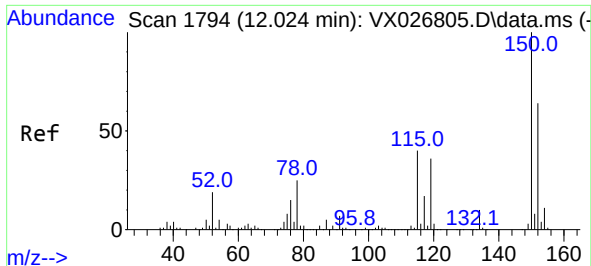
Tgt Ion: 95 Resp: 83474
Ion Ratio Lower Upper
95 100
174 76.9 0.0 148.6
176 73.4 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX027040.D
Acq: 15 Feb 2022 19:39

Tgt Ion: 117 Resp: 172010
Ion Ratio Lower Upper
117 100
82 56.1 45.2 67.8
119 32.6 26.2 39.2

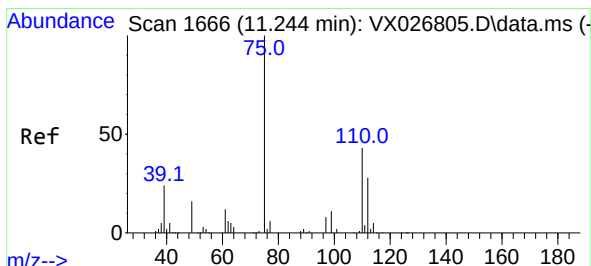
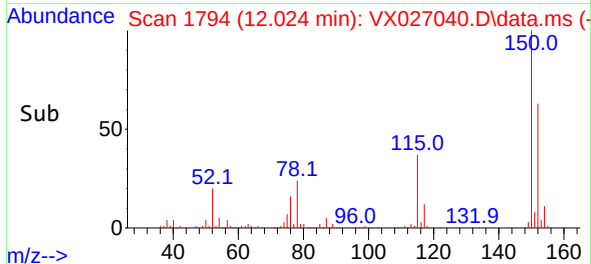
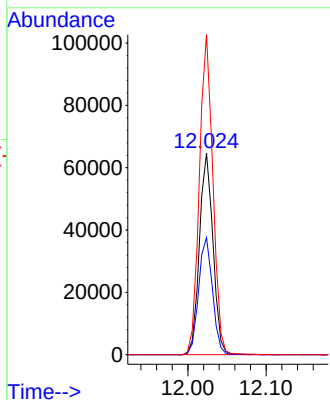
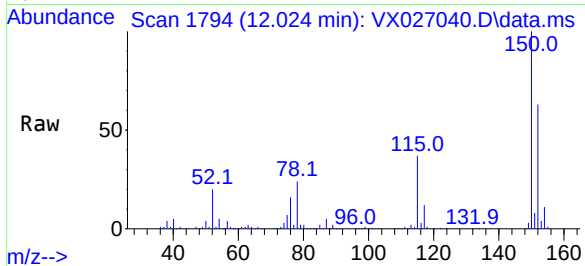




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX027040.D
Acq: 15 Feb 2022 19:39

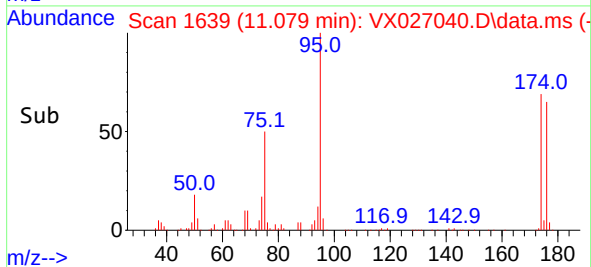
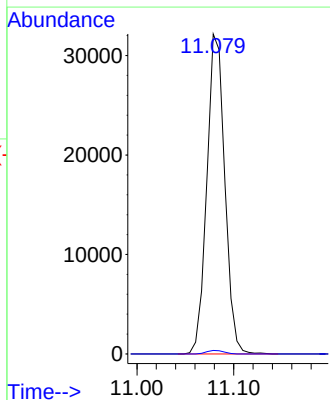
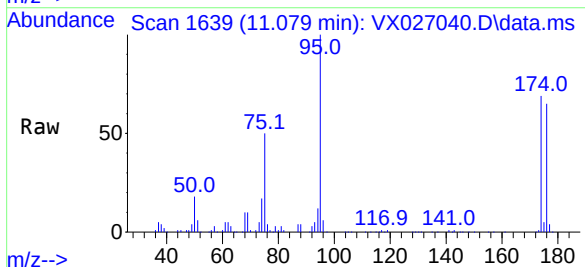
Instrument :
MSVOA_X
ClientSampleId :
MW-4R

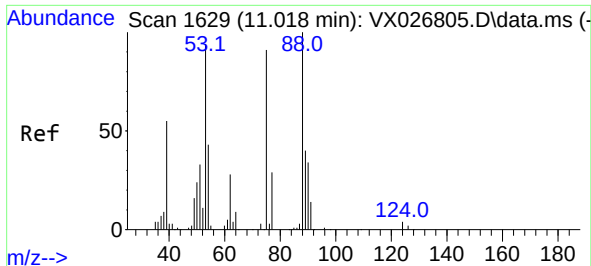
Tgt Ion:152 Resp: 77795
Ion Ratio Lower Upper
152 100
115 59.5 44.2 132.6
150 158.1 0.0 348.2



#76
1,2,3-Trichloropropane
Concen: 24.417 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX027040.D
Acq: 15 Feb 2022 19:39

Tgt Ion: 75 Resp: 41581
Ion Ratio Lower Upper
75 100
77 1.1 18.3 54.8#





#81
trans-1,4-Dichloro-2-butene
Concen: 74.556 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX027040.D
Acq: 15 Feb 2022 19:39

Instrument :
MSVOA_X
ClientSampleId :
MW-4R

Tgt Ion: 75 Resp: 41581
Ion Ratio Lower Upper
75 100
53 0.0 94.0 141.0#
89 0.0 37.0 55.4#

