

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062322\
 Data File : VX029744.D
 Acq On : 23 Jun 2022 15:17
 Operator : JC/MD
 Sample : N3202-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-25RE

Quant Time: Jun 24 05:39:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 20 01:31:01 2022
 Response via : Initial Calibration

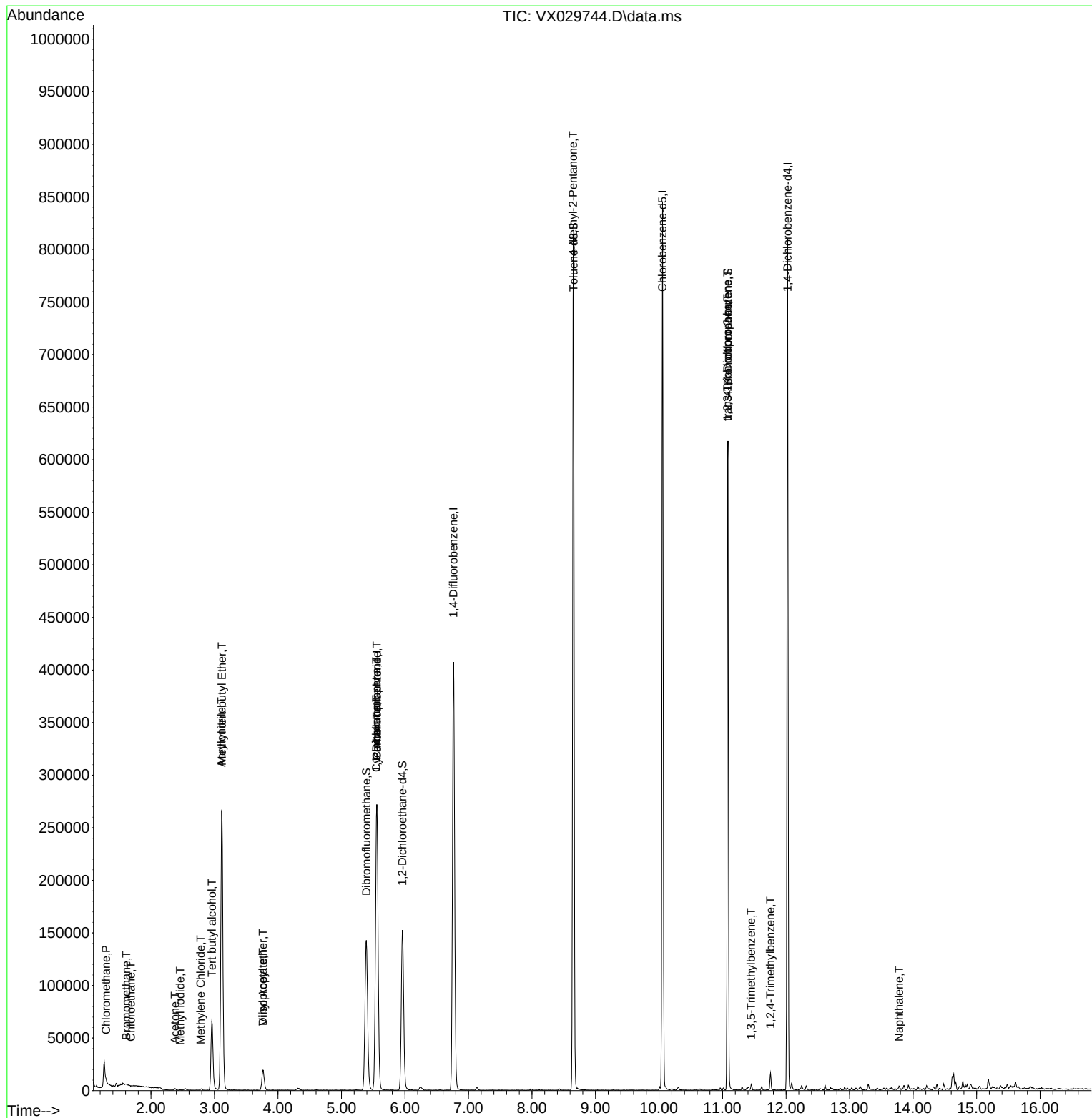
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	268290	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	446003	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	380858	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	169891	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	144069	40.567	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	81.140%
35) Dibromofluoromethane	5.391	113	128825	44.323	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.640%
50) Toluene-d8	8.653	98	494629	46.583	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	93.160%
62) 4-Bromofluorobenzene	11.085	95	178886	44.674	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.340%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	855	0.244	ug/l	93
5) Bromomethane	1.611	94	435	0.265	ug/l	93
6) Chloroethane	1.685	64	1075	1.707	ug/l #	44
10) Methyl Iodide	2.459	142	245	3.089	ug/l #	57
11) Tert butyl alcohol	2.959	59	85443	105.036	ug/l	100
15) Acrylonitrile	3.111	53	3045	1.833	ug/l #	32
16) Acetone	2.380	43	1531	1.082	ug/l	88
19) Methyl tert-butyl Ether	3.117	73	322785	34.207	ug/l	97
20) Methylene Chloride	2.782	84	645	0.205	ug/l #	77
22) Diisopropyl ether	3.763	45	20452	2.356	ug/l	91
23) Vinyl Acetate	3.763	43	10016	1.382	ug/l #	66
31) Cyclohexane	5.550	56	4833	1.014	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	18988	4.827	ug/l #	49
38) Carbon Tetrachloride	5.556	117	26919	6.959	ug/l #	15
44) Trichloroethene	7.135	130	1043	Below Cal		94
51) 4-Methyl-2-Pentanone	8.647	43	1880	0.465	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	86500	23.372	ug/l #	38
80) 1,3,5-Trimethylbenzene	11.451	105	2800	0.261	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.079	75	86500	77.752	ug/l #	15
84) 1,2,4-Trimethylbenzene	11.756	105	7536	0.704	ug/l	97
95) Naphthalene	13.780	128	3117	0.262	ug/l #	95

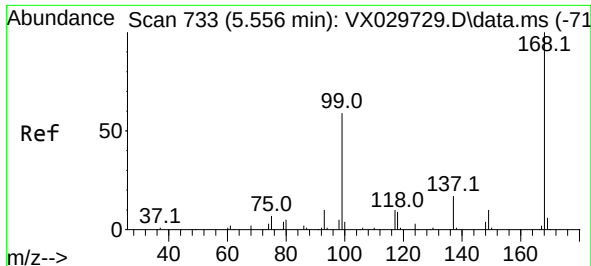
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062322\
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Instrument :
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ClientSampleId :
MW-25RE

Quant Time: Jun 24 05:39:40 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 20 01:31:01 2022
Response via : Initial Calibration

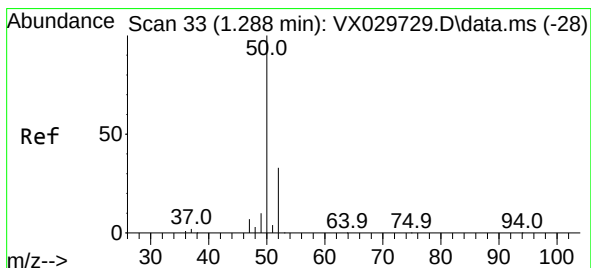
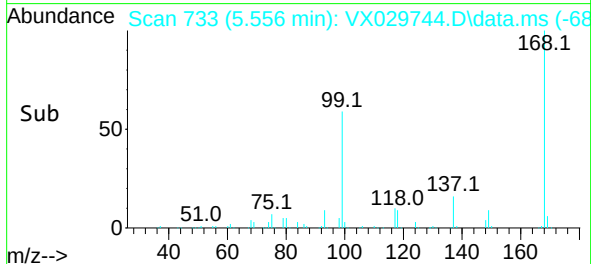
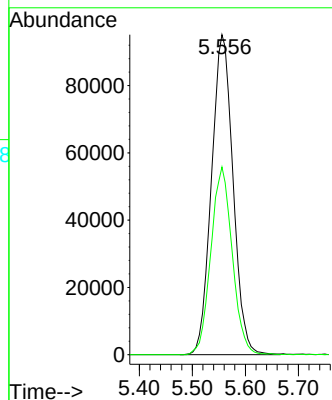
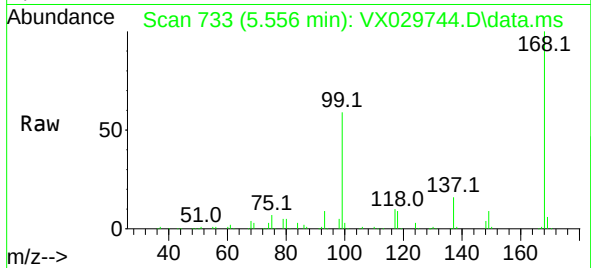




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029744.D
Acq: 23 Jun 2022 15:17

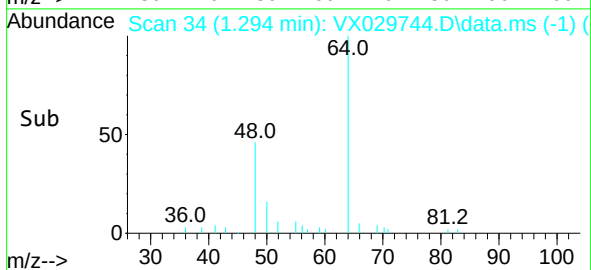
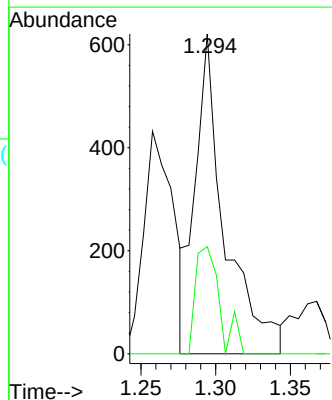
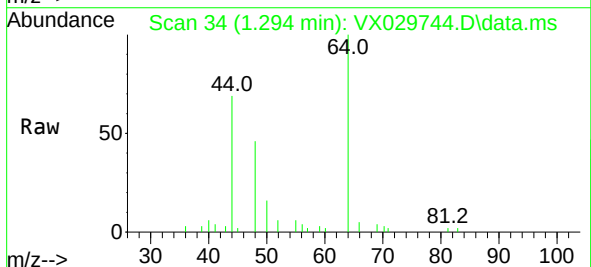
Instrument :
MSVOA_X
ClientSampleId :
MW-25RE

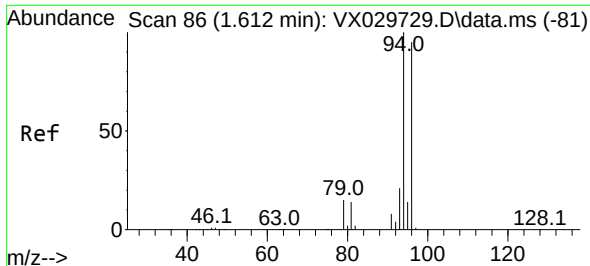
Tgt Ion:168 Resp: 268290
Ion Ratio Lower Upper
168 100
99 58.7 41.7 62.5



#3
Chloromethane
Concen: 0.244 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX029744.D
Acq: 23 Jun 2022 15:17

Tgt Ion: 50 Resp: 855
Ion Ratio Lower Upper
50 100
52 36.7 26.4 39.6

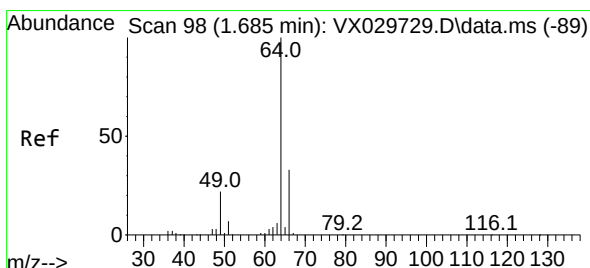
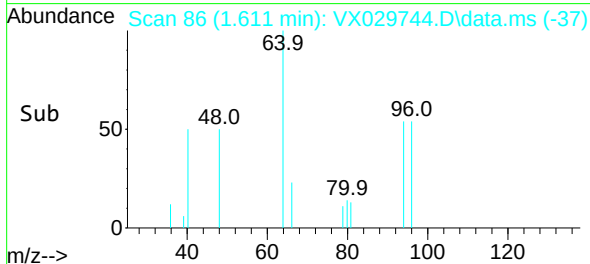
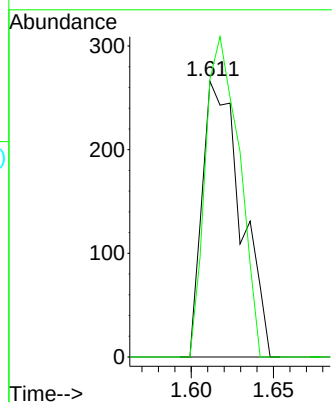
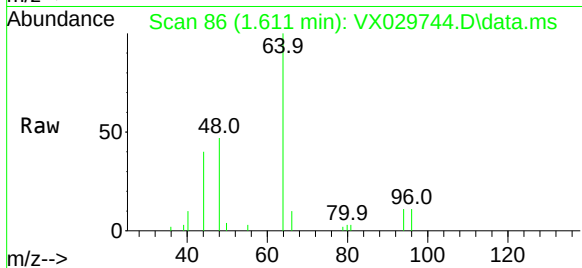




#5
Bromomethane
Concen: 0.265 ug/l
RT: 1.611 min Scan# 80
Delta R.T. 0.000 min
Lab File: VX029744.D
Acq: 23 Jun 2022 15:17

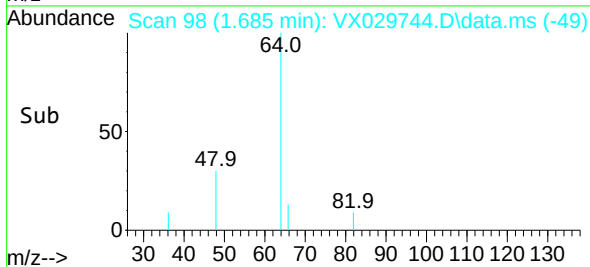
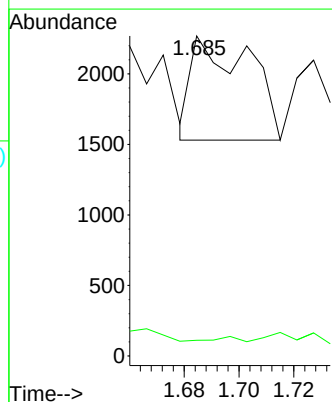
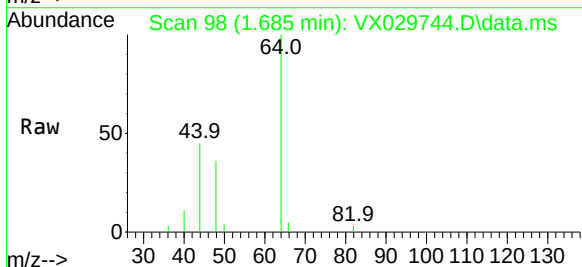
Instrument :
MSVOA_X
ClientSampleId :
MW-25RE

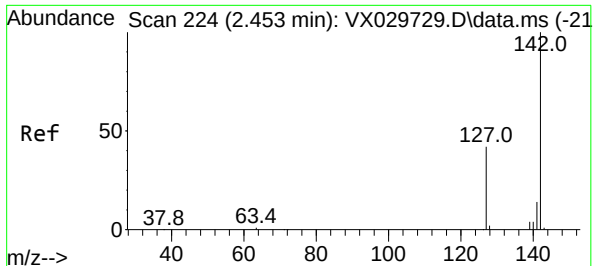
Tgt Ion: 94 Resp: 435
Ion Ratio Lower Upper
94 100
96 100.8 75.3 112.9



#6
Chloroethane
Concen: 1.707 ug/l
RT: 1.685 min Scan# 98
Delta R.T. -0.000 min
Lab File: VX029744.D
Acq: 23 Jun 2022 15:17

Tgt Ion: 64 Resp: 1075
Ion Ratio Lower Upper
64 100
66 0.8 25.3 37.9#

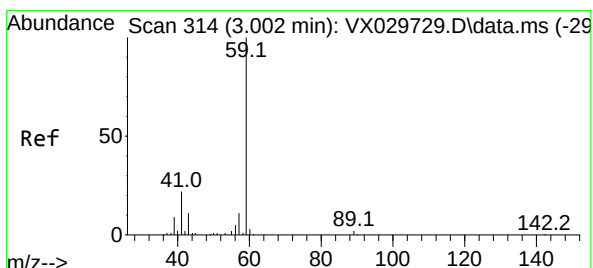
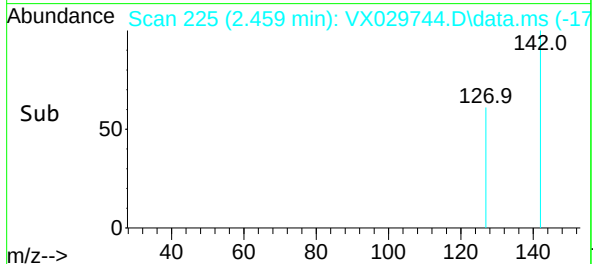
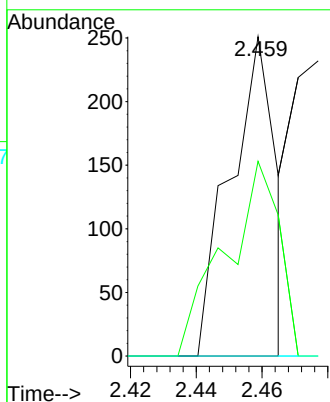
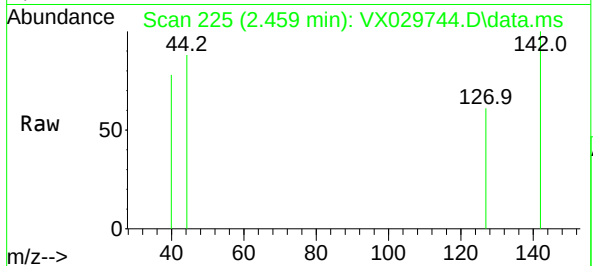




#10
Methyl Iodide
Concen: 3.089 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX029744.D
Acq: 23 Jun 2022 15:17

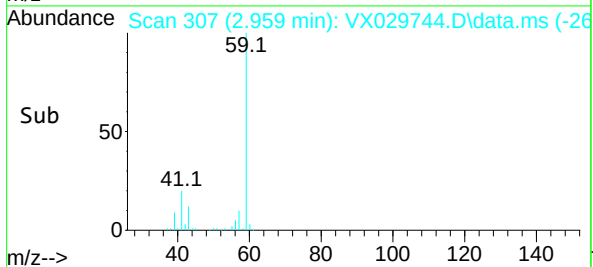
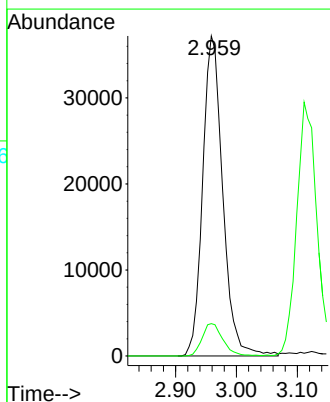
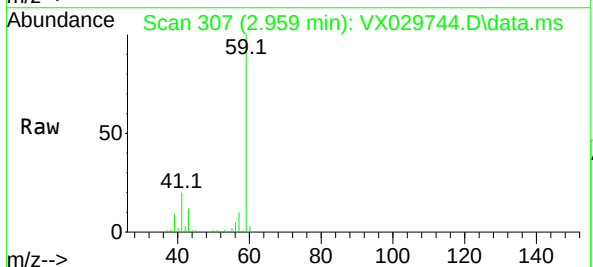
Instrument :
MSVOA_X
ClientSampleId :
MW-25RE

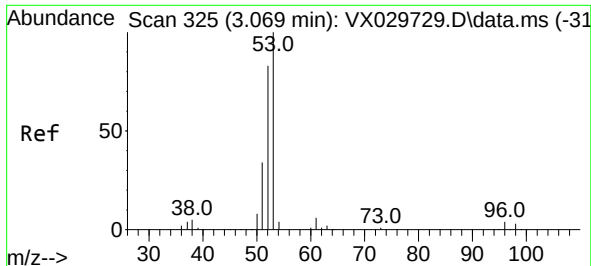
Tgt Ion:142 Resp: 245
Ion Ratio Lower Upper
142 100
127 71.0 33.9 50.9#
141 0.0 11.4 17.2#



#11
Tert butyl alcohol
Concen: 105.036 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.024 min
Lab File: VX029744.D
Acq: 23 Jun 2022 15:17

Tgt Ion: 59 Resp: 85443
Ion Ratio Lower Upper
59 100
57 10.5 8.3 12.5





#15

Acrylonitrile

Concen: 1.833 ug/l

RT: 3.111 min Scan# 31

Delta R.T. 0.043 min

Lab File: VX029744.D

Acq: 23 Jun 2022 15:17

Instrument :

MSVOA_X

ClientSampleId :

MW-25RE

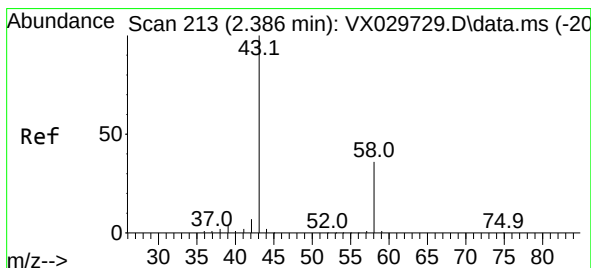
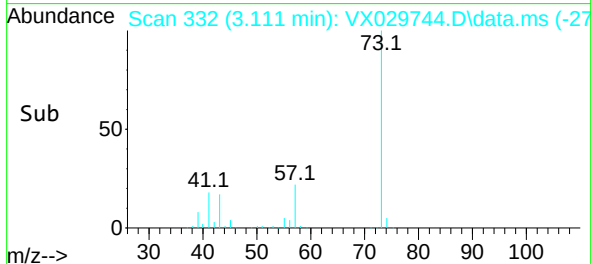
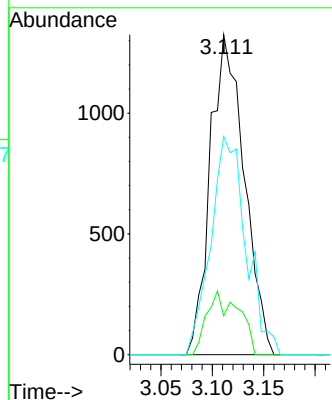
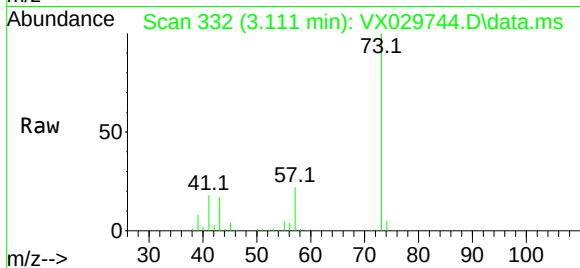
Tgt Ion: 53 Resp: 3045

Ion Ratio Lower Upper

53 100

52 18.5 65.7 98.5#

51 71.0 28.4 42.6#



#16

Acetone

Concen: 1.082 ug/l

RT: 2.380 min Scan# 212

Delta R.T. -0.006 min

Lab File: VX029744.D

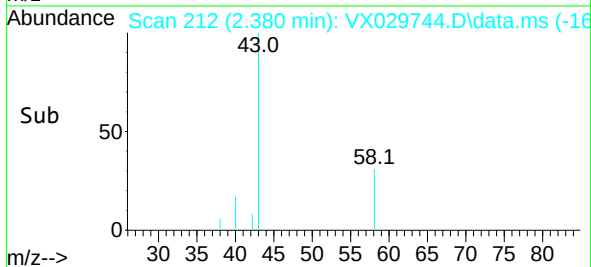
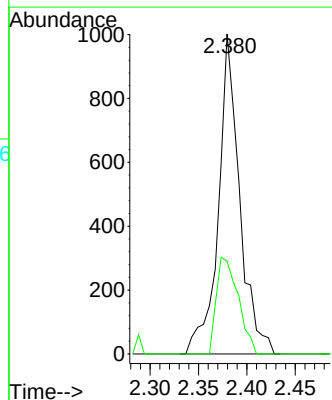
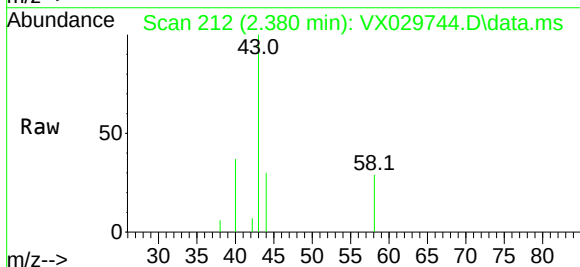
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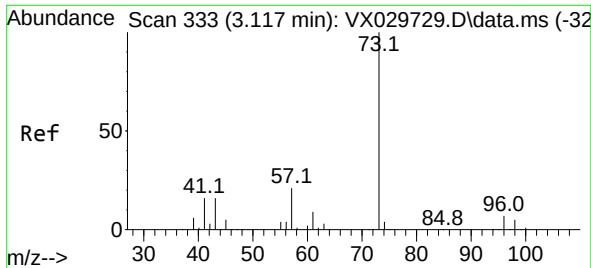
Tgt Ion: 43 Resp: 1531

Ion Ratio Lower Upper

43 100

58 28.9 28.8 43.2

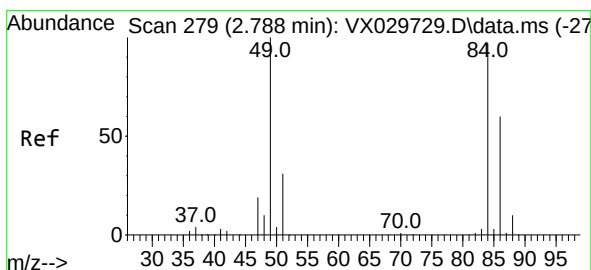
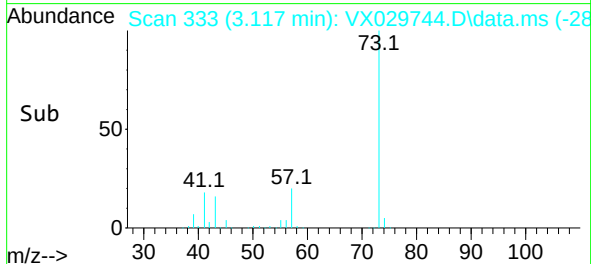
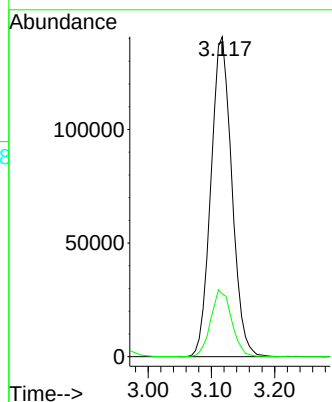
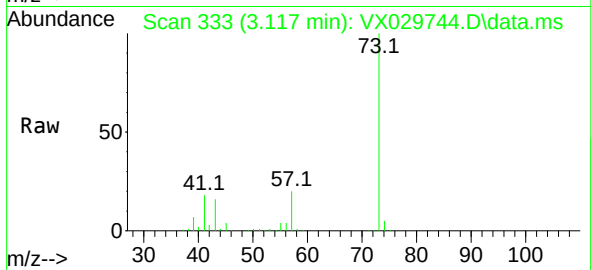




#19
Methyl tert-butyl Ether
Concen: 34.207 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX029744.D
Acq: 23 Jun 2022 15:17

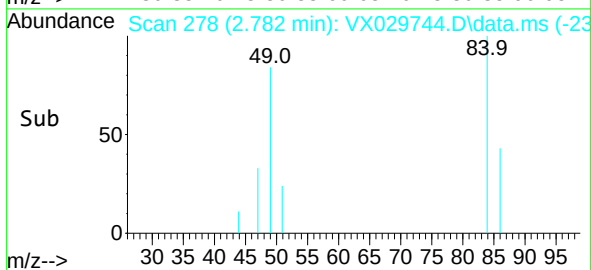
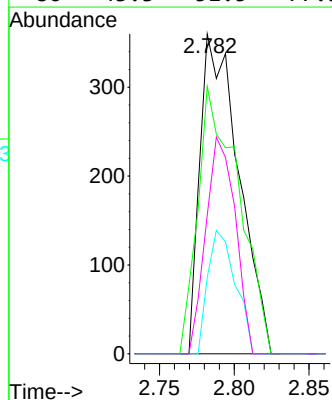
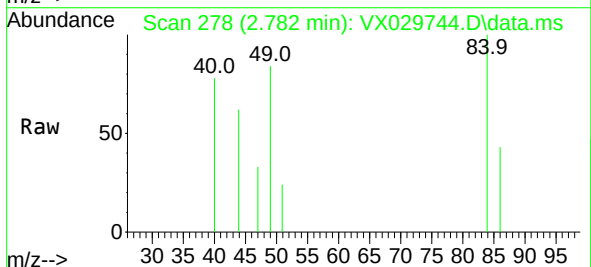
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MW-25RE

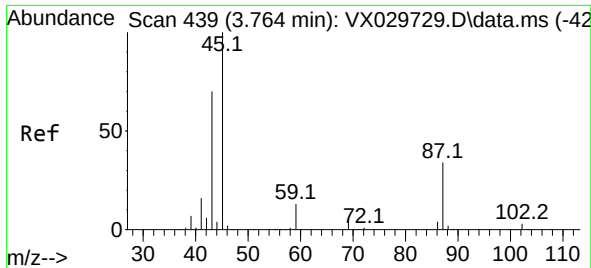
Tgt Ion: 73 Resp: 322785
Ion Ratio Lower Upper
73 100
57 19.6 16.8 25.2



#20
Methylene Chloride
Concen: 0.205 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX029744.D
Acq: 23 Jun 2022 15:17

Tgt Ion: 84 Resp: 645
Ion Ratio Lower Upper
84 100
49 83.6 85.5 128.3#
51 23.9 26.6 39.8#
86 43.3 51.5 77.3#

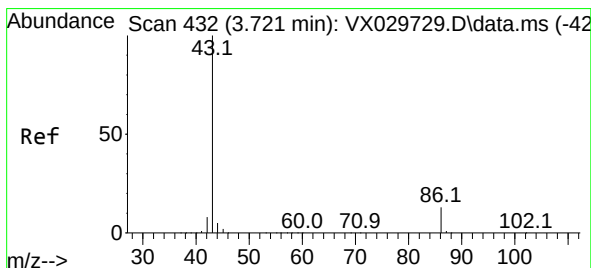
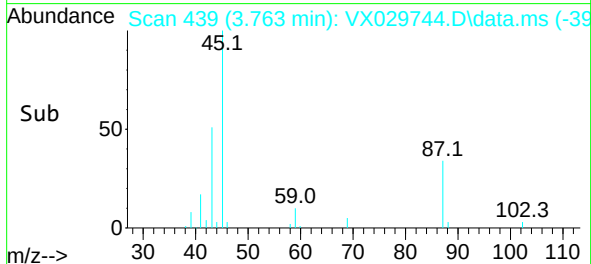
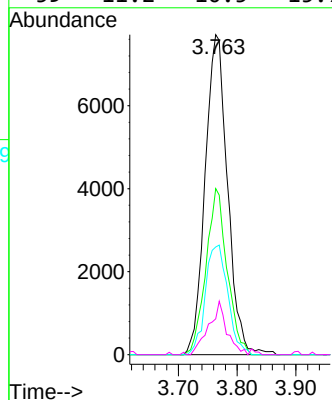
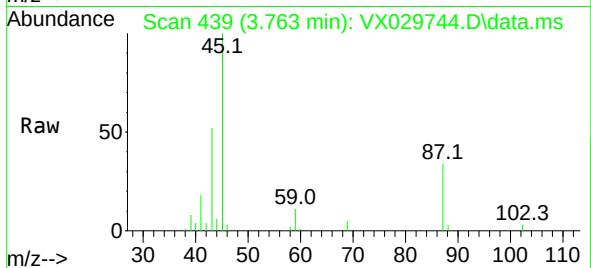




#22
Diisopropyl ether
Concen: 2.356 ug/l
RT: 3.763 min Scan# 41
Delta R.T. 0.000 min
Lab File: VX029744.D
Acq: 23 Jun 2022 15:17

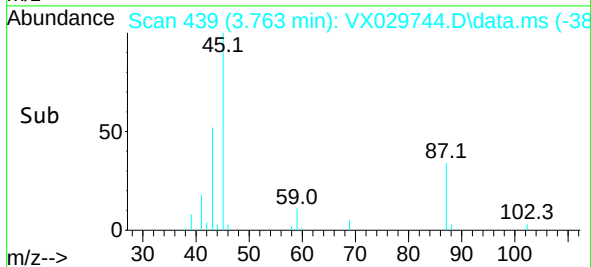
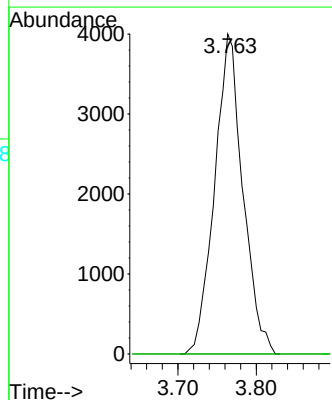
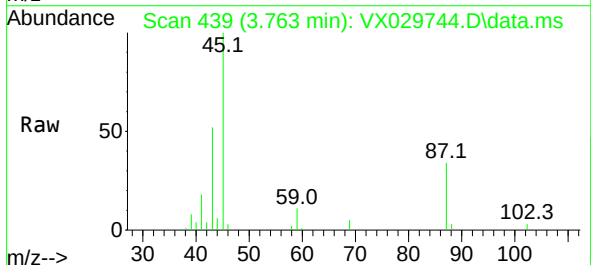
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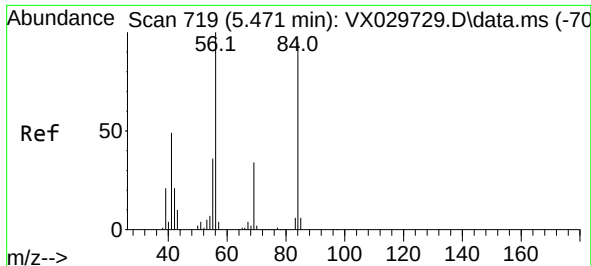
Tgt Ion: 45	Resp: 20452
Ion Ratio	Lower Upper
45 100	
43 51.9	50.8 76.2
87 33.7	26.6 39.8
59 11.2	10.5 15.7



#23
Vinyl Acetate
Concen: 1.382 ug/l
RT: 3.763 min Scan# 439
Delta R.T. 0.036 min
Lab File: VX029744.D
Acq: 23 Jun 2022 15:17

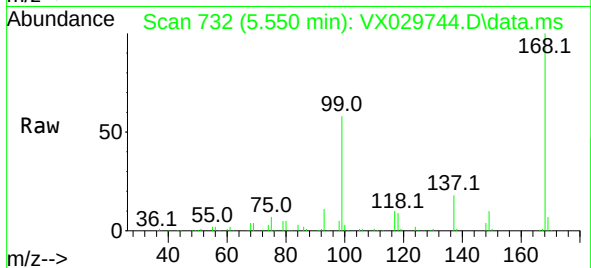
Tgt Ion: 43	Resp: 10016
Ion Ratio	Lower Upper
43 100	
86 0.0	10.8 16.2#



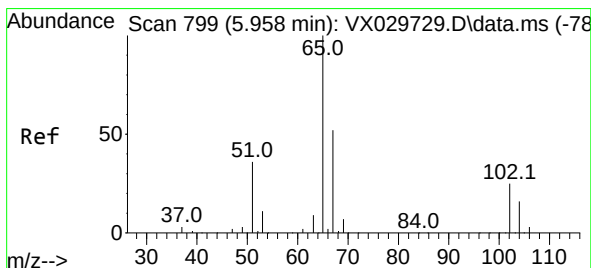
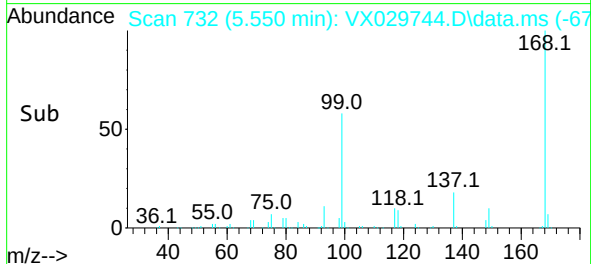
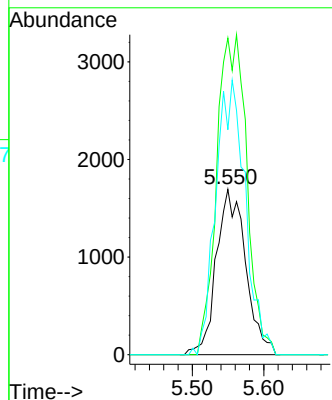


#31
Cyclohexane
Concen: 1.014 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX029744.D
Acq: 23 Jun 2022 15:17

Instrument :
MSVOA_X
ClientSampleId :
MW-25RE

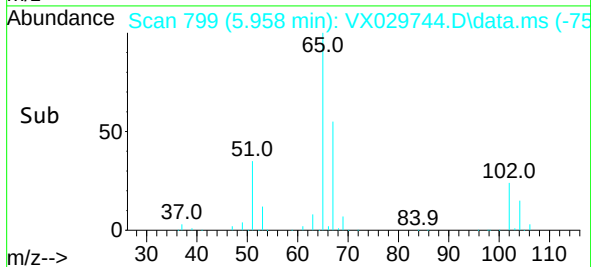
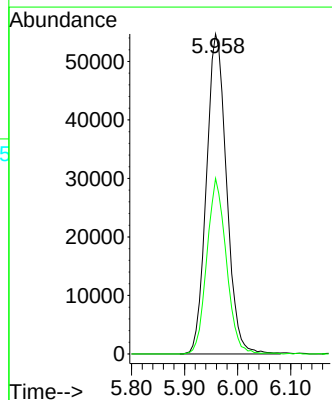
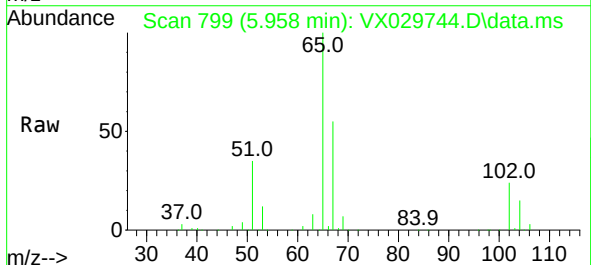


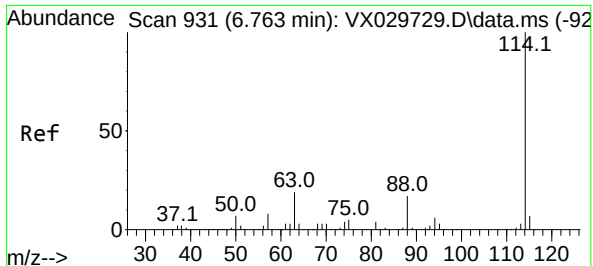
Tgt Ion: 56 Resp: 4833
Ion Ratio Lower Upper
56 100
69 191.5 26.7 40.1#
84 136.1 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 40.567 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX029744.D
Acq: 23 Jun 2022 15:17

Tgt Ion: 65 Resp: 144069
Ion Ratio Lower Upper
65 100
67 53.0 0.0 107.4

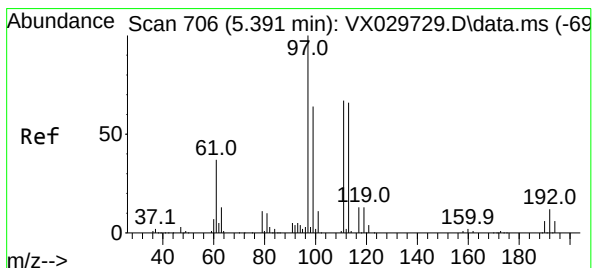
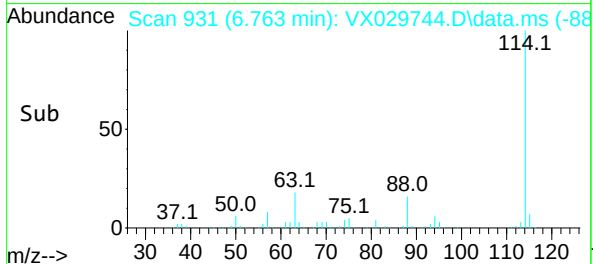
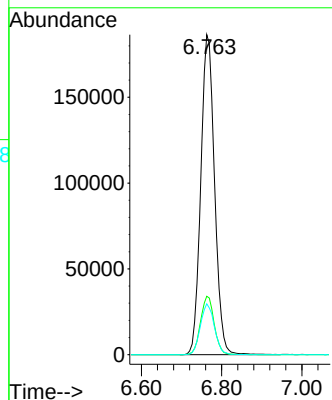
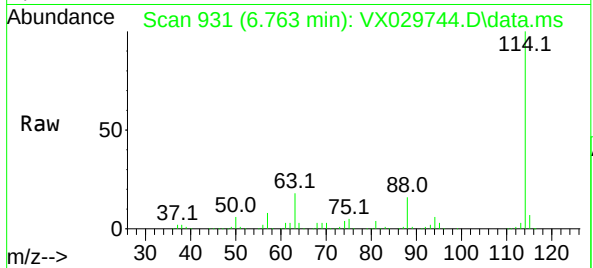




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX029744.D
Acq: 23 Jun 2022 15:17

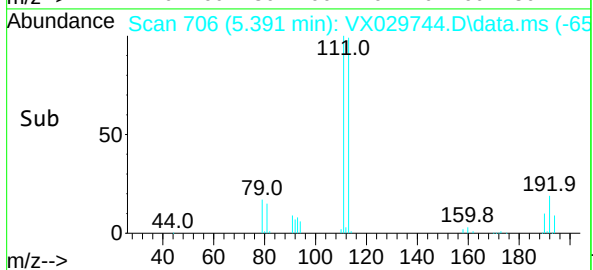
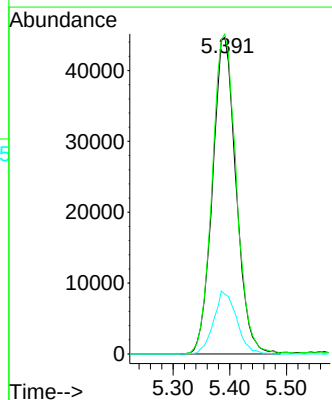
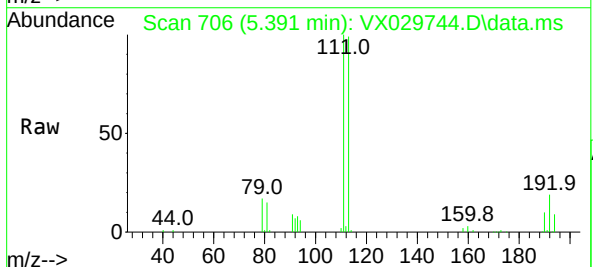
Instrument :
MSVOA_X
ClientSampleId :
MW-25RE

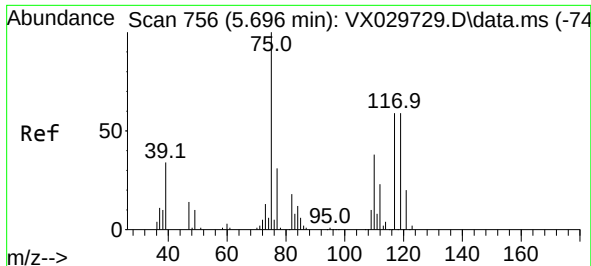
Tgt Ion:114 Resp: 446003
Ion Ratio Lower Upper
114 100
63 18.2 0.0 36.8
88 15.9 0.0 32.4



#35
Dibromofluoromethane
Concen: 44.323 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX029744.D
Acq: 23 Jun 2022 15:17

Tgt Ion:113 Resp: 128825
Ion Ratio Lower Upper
113 100
111 103.6 82.8 124.2
192 19.4 16.9 25.3





#36

1,1-Dichloropropene

Concen: 4.827 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.146 min

Lab File: VX029744.D

Acq: 23 Jun 2022 15:17

Instrument :

MSVOA_X

ClientSampleId :

MW-25RE

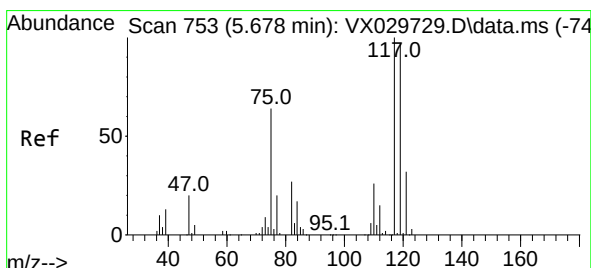
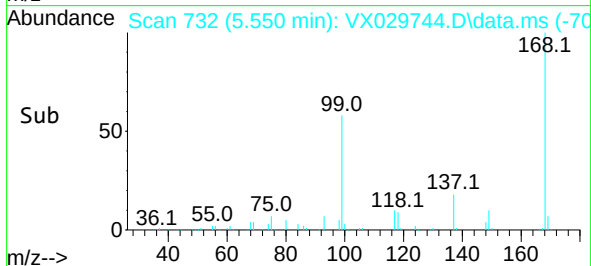
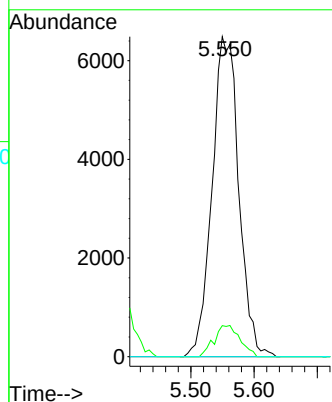
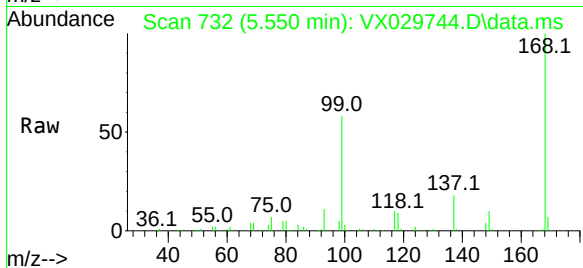
Tgt Ion: 75 Resp: 18988

Ion Ratio Lower Upper

75 100

110 9.5 18.3 54.8#

77 0.0 24.8 37.2#



#38

Carbon Tetrachloride

Concen: 6.959 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.128 min

Lab File: VX029744.D

Acq: 23 Jun 2022 15:17

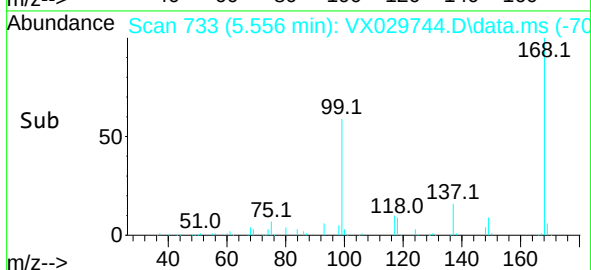
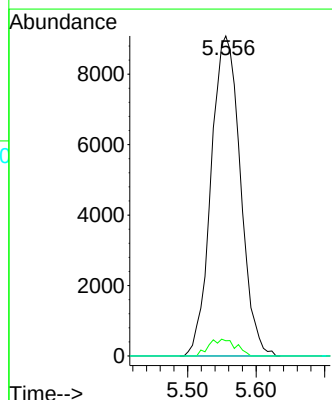
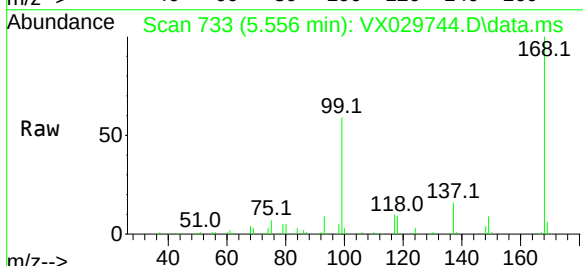
Tgt Ion: 117 Resp: 26919

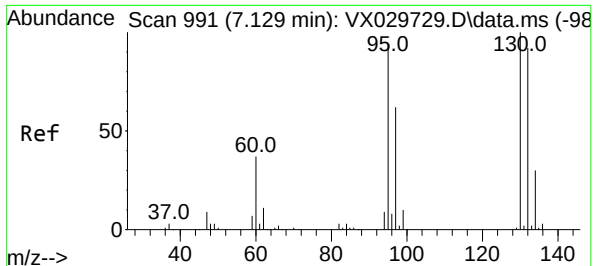
Ion Ratio Lower Upper

117 100

119 4.7 77.3 115.9#

121 0.0 24.2 36.2#

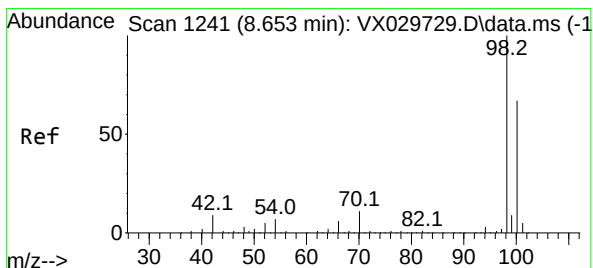
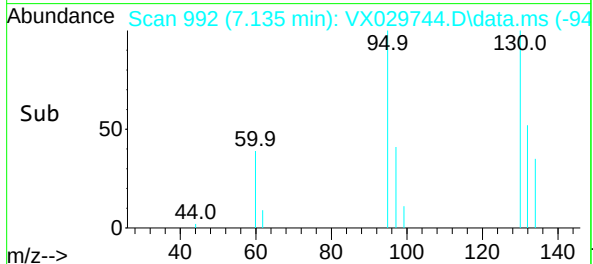
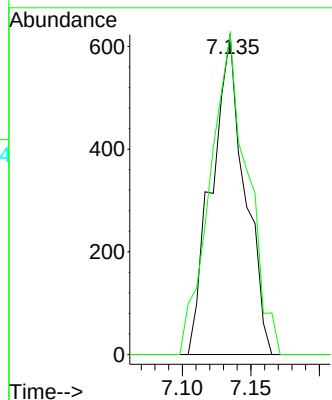
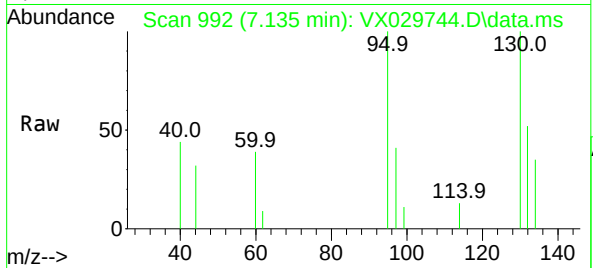




#44
Trichloroethene
Concen: Below Cal
RT: 7.135 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX029744.D
Acq: 23 Jun 2022 15:17

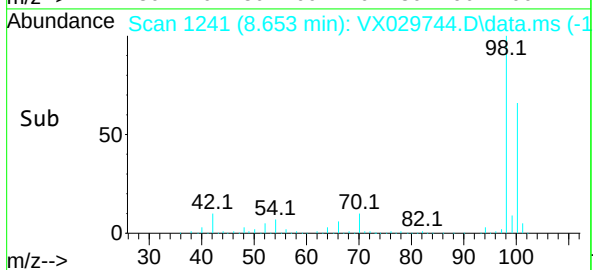
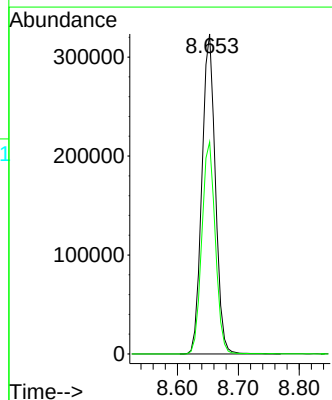
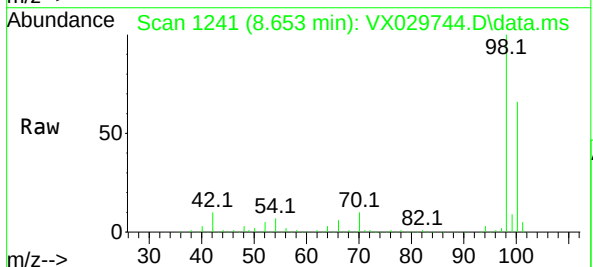
Instrument :
MSVOA_X
ClientSampleId :
MW-25RE

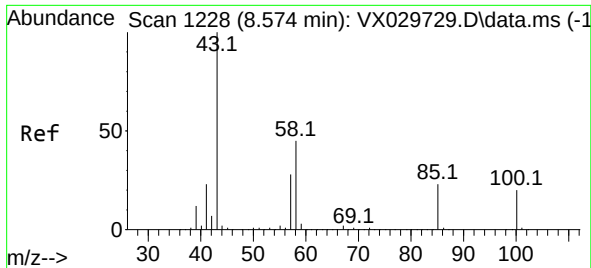
Tgt Ion:130 Resp: 1043
Ion Ratio Lower Upper
130 100
95 100.2 0.0 188.8



#50
Toluene-d8
Concen: 46.583 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX029744.D
Acq: 23 Jun 2022 15:17

Tgt Ion: 98 Resp: 494629
Ion Ratio Lower Upper
98 100
100 66.6 52.6 78.8

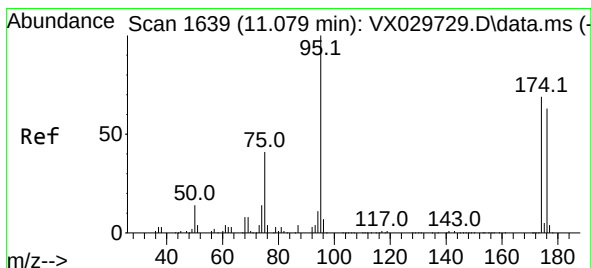
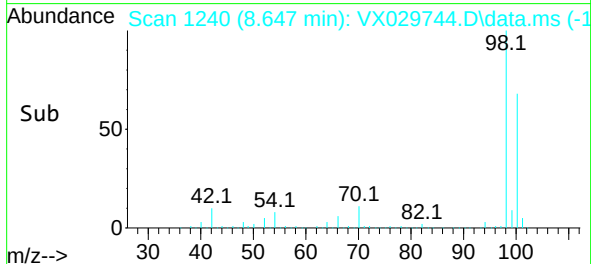
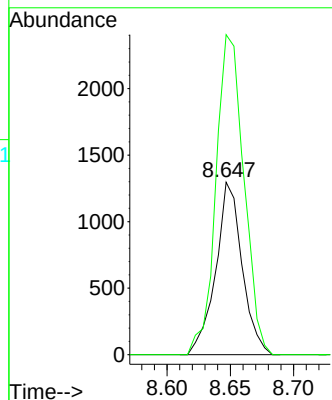
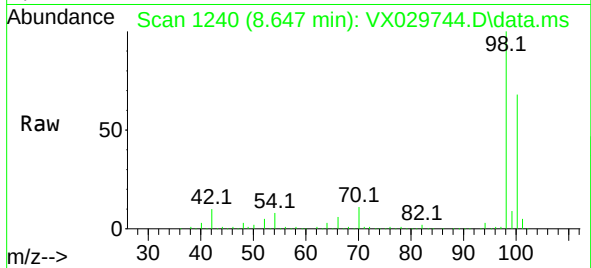




#51
4-Methyl-2-Pentanone
Concen: 0.465 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX029744.D
Acq: 23 Jun 2022 15:17

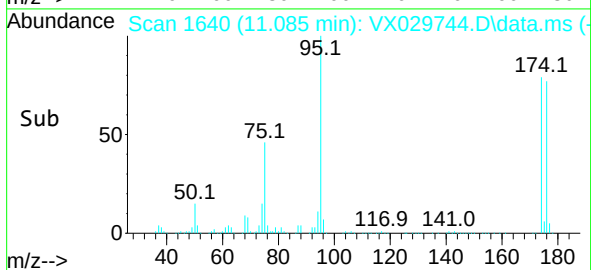
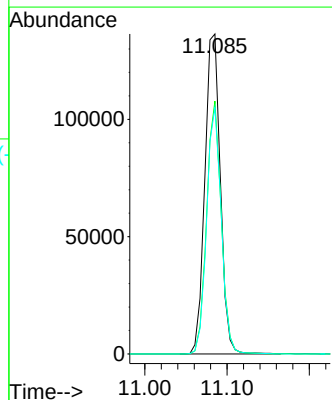
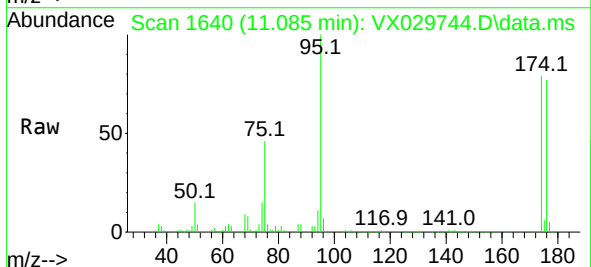
Instrument :
MSVOA_X
ClientSampleId :
MW-25RE

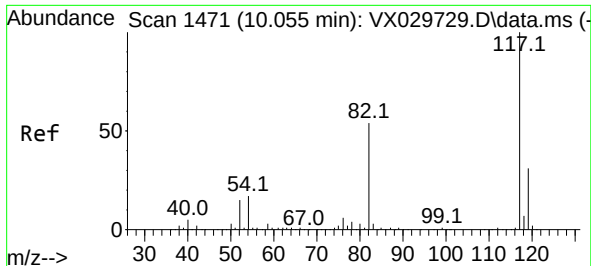
Tgt Ion: 43 Resp: 1880
Ion Ratio Lower Upper
43 100
58 196.6 36.1 54.1#



#62
4-Bromofluorobenzene
Concen: 44.674 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX029744.D
Acq: 23 Jun 2022 15:17

Tgt Ion: 95 Resp: 178886
Ion Ratio Lower Upper
95 100
174 74.3 0.0 163.0
176 72.9 0.0 155.0

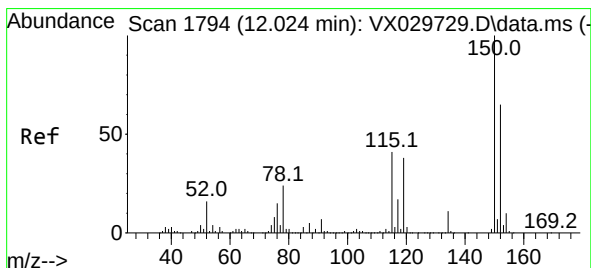
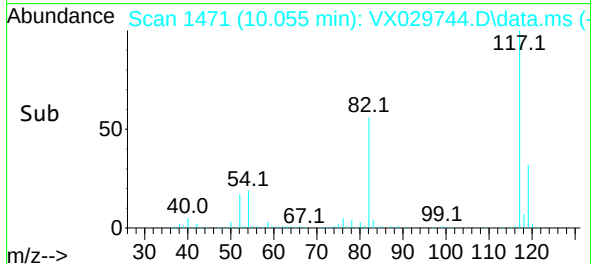
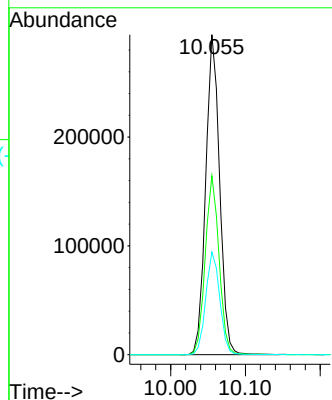
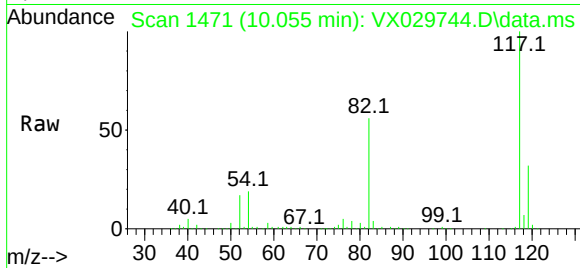




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX029744.D
Acq: 23 Jun 2022 15:17

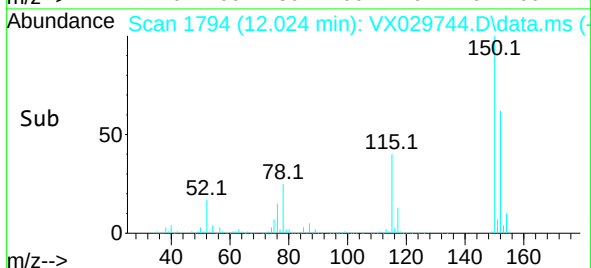
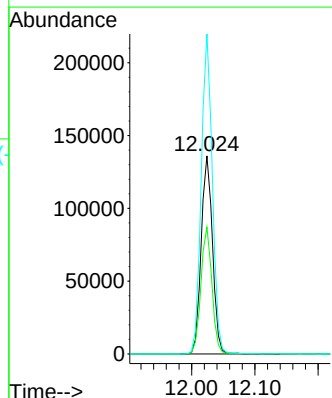
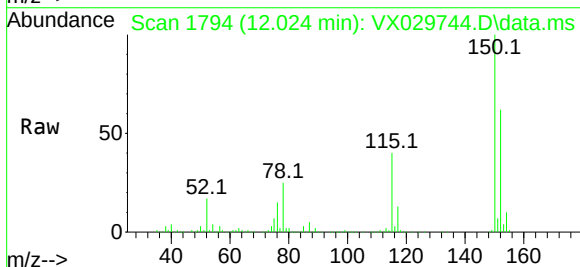
Instrument :
MSVOA_X
ClientSampleId :
MW-25RE

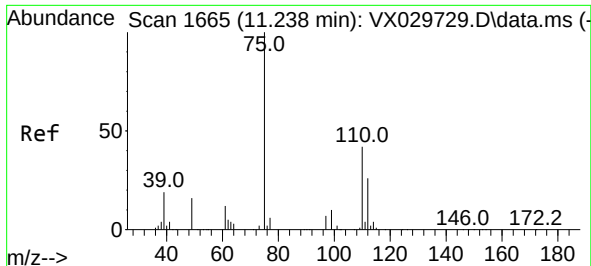
Tgt Ion:117 Resp: 380858
Ion Ratio Lower Upper
117 100
82 55.9 41.8 62.8
119 32.1 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX029744.D
Acq: 23 Jun 2022 15:17

Tgt Ion:152 Resp: 169891
Ion Ratio Lower Upper
152 100
115 62.2 37.5 112.7
150 157.8 0.0 338.2

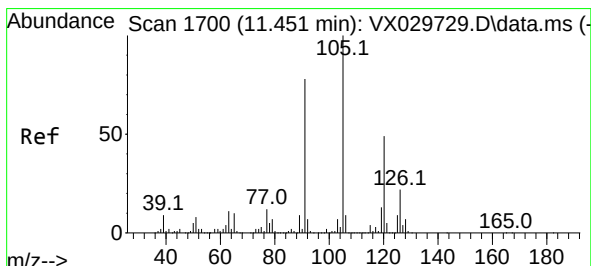
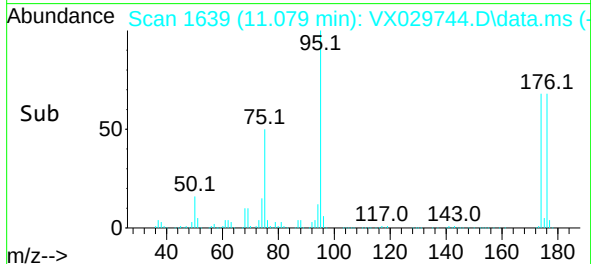
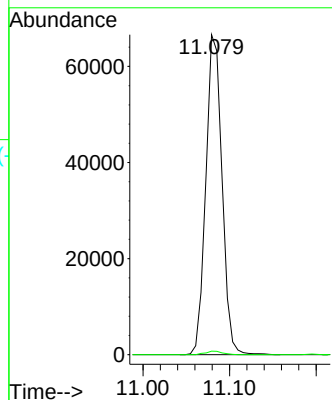
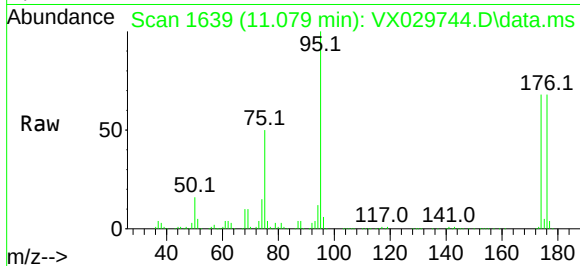




#76
1,2,3-Trichloropropane
Concen: 23.372 ug/l
RT: 11.079 min Scan# 1665
Delta R.T. -0.165 min
Lab File: VX029744.D
Acq: 23 Jun 2022 15:17

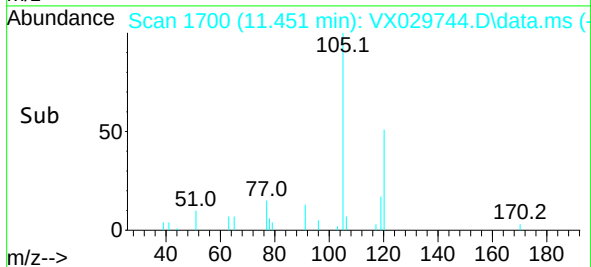
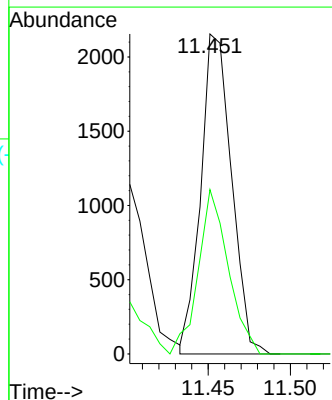
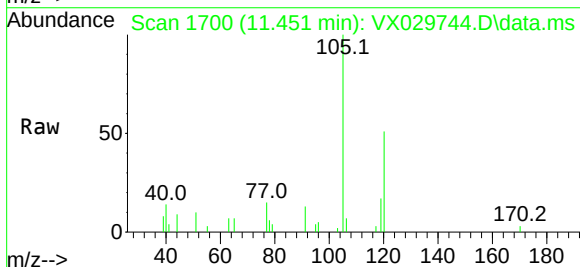
Instrument :
MSVOA_X
ClientSampleId :
MW-25RE

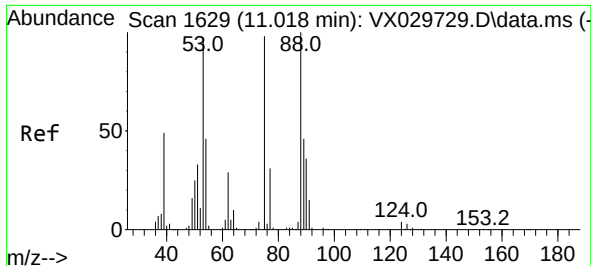
Tgt Ion: 75 Resp: 86500
Ion Ratio Lower Upper
75 100
77 1.1 19.4 58.2#



#80
1,3,5-Trimethylbenzene
Concen: 0.261 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX029744.D
Acq: 23 Jun 2022 15:17

Tgt Ion:105 Resp: 2800
Ion Ratio Lower Upper
105 100
120 50.1 24.3 72.9

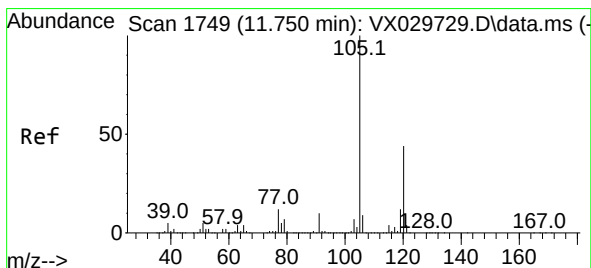
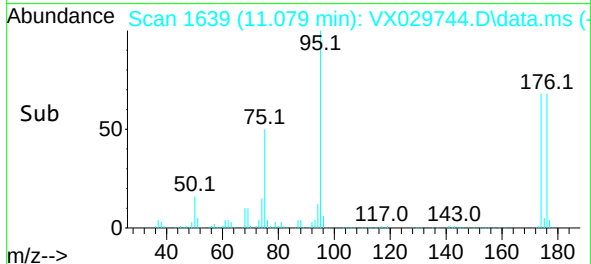
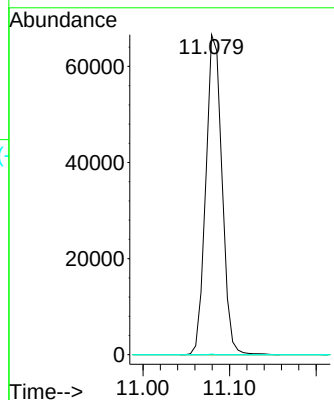
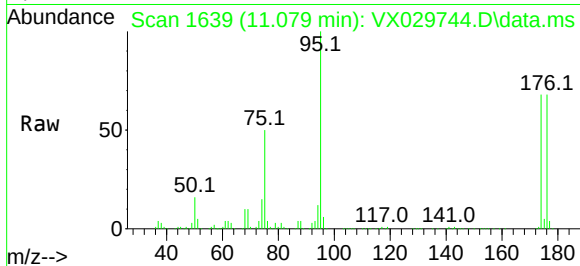




#81
trans-1,4-Dichloro-2-butene
Concen: 77.752 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX029744.D
Acq: 23 Jun 2022 15:17

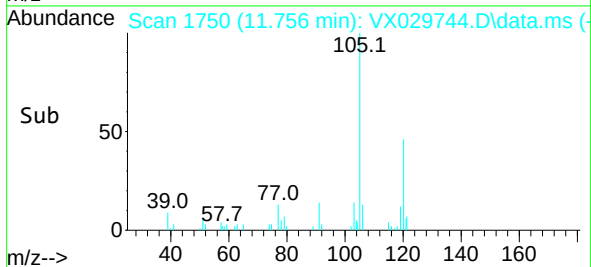
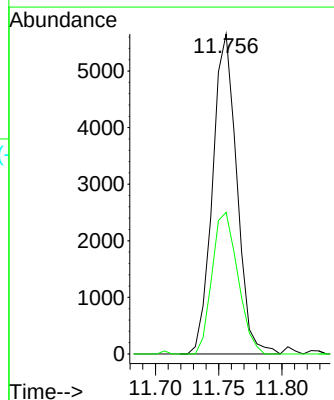
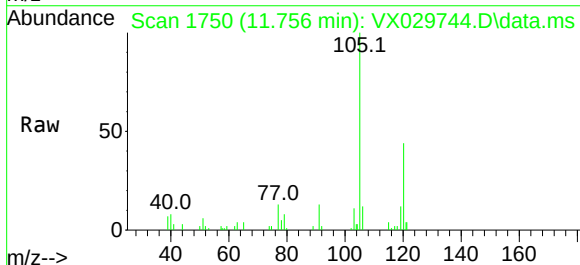
Instrument :
MSVOA_X
ClientSampleId :
MW-25RE

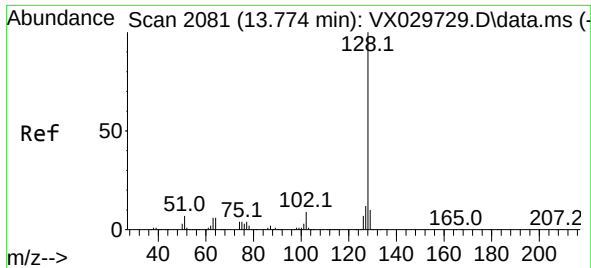
Tgt Ion: 75 Resp: 86500
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.1 37.0 55.6#



#84
1,2,4-Trimethylbenzene
Concen: 0.704 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX029744.D
Acq: 23 Jun 2022 15:17

Tgt Ion: 105 Resp: 7536
Ion Ratio Lower Upper
105 100
120 47.0 22.6 67.8





#95

Naphthalene

Concen: 0.262 ug/l

RT: 13.780 min Scan# 20

Delta R.T. 0.006 min

Lab File: VX029744.D

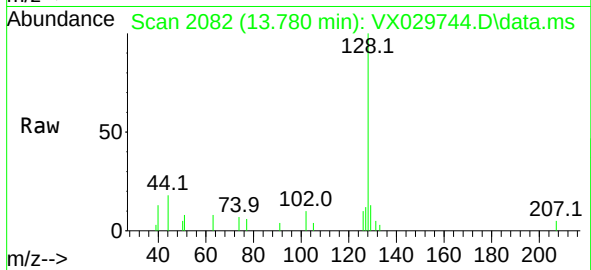
Acq: 23 Jun 2022 15:17

Instrument :

MSVOA_X

ClientSampleId :

MW-25RE



Tgt Ion:128 Resp: 3117

Ion Ratio Lower Upper

128 100

127 9.1 10.2 15.4#

129 10.9 8.7 13.1

