

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062322\
 Data File : VX029744.D
 Acq On : 23 Jun 2022 15:17
 Operator : JC/MD
 Sample : N3202-11RE
 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)

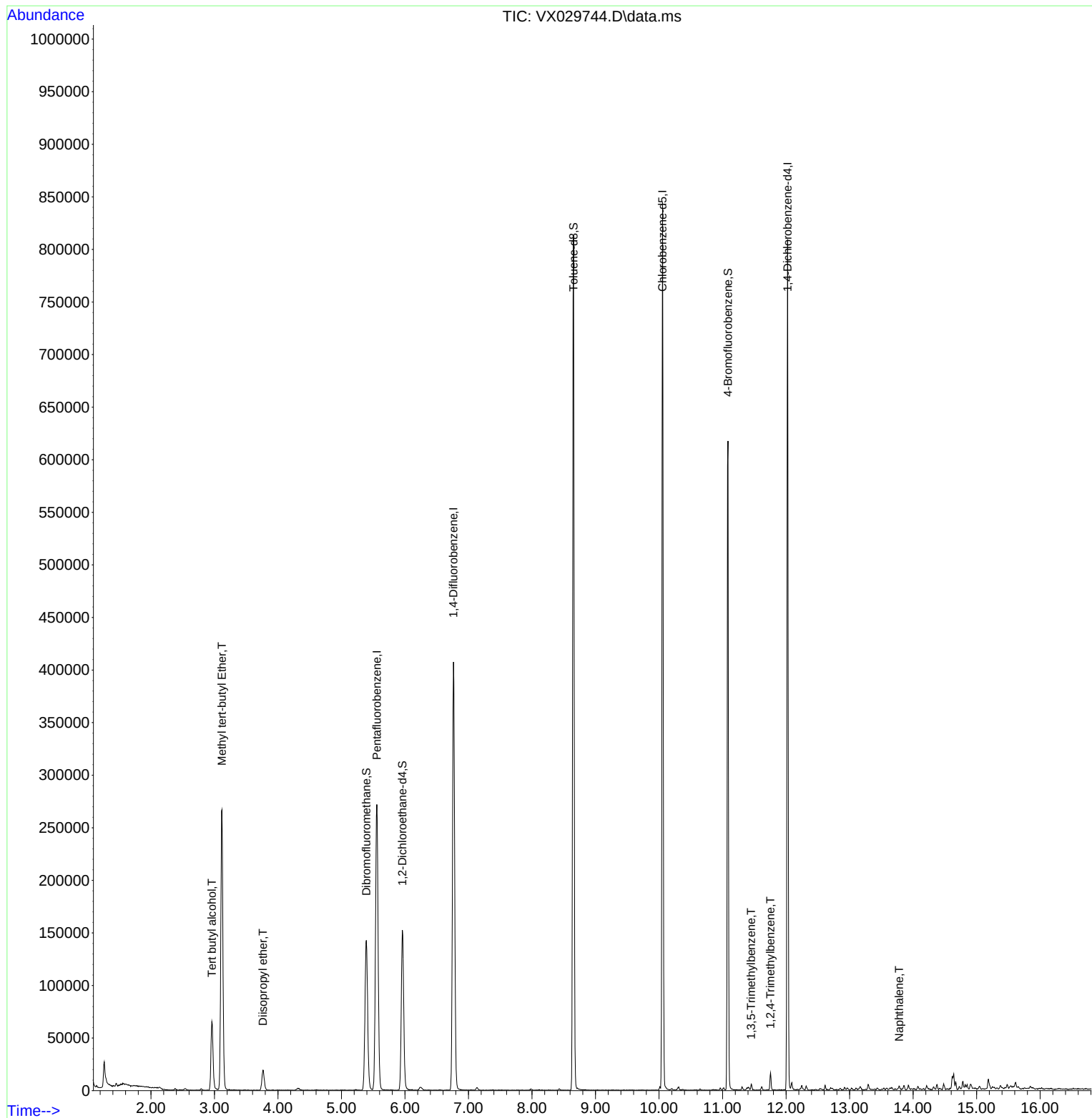
Internal Standards						
1) Pentafluorobenzene	5.556	168	268290	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	446003	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	380858	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	169891	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	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	
11) Tert butyl alcohol	2.959	59	85443	105.036	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	322785	34.207	ug/l	97
22) Diisopropyl ether	3.763	45	20452	2.356	ug/l	91
80) 1,3,5-Trimethylbenzene	11.451	105	2800	0.261	ug/l	98
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

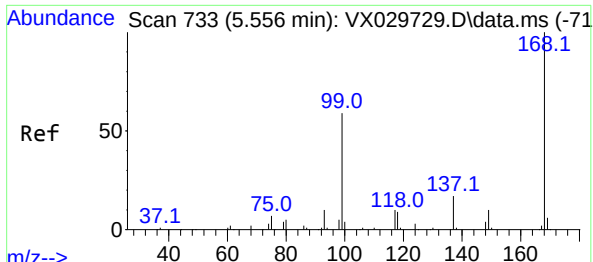
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
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Response via : Initial Calibration

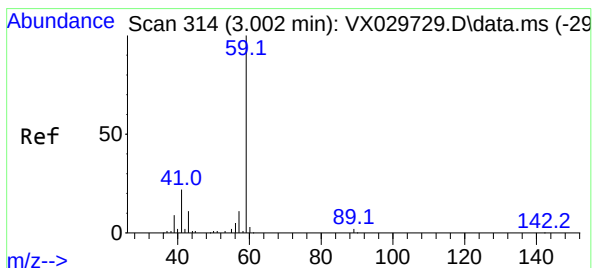
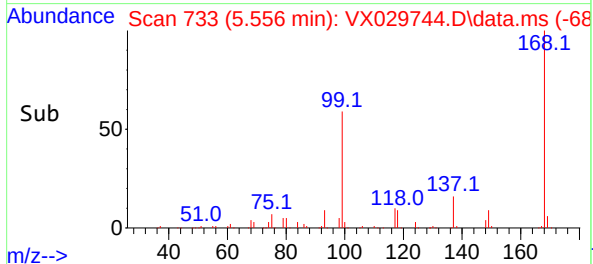
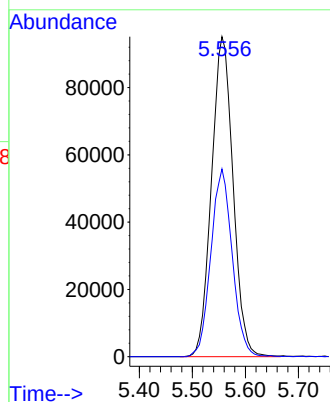
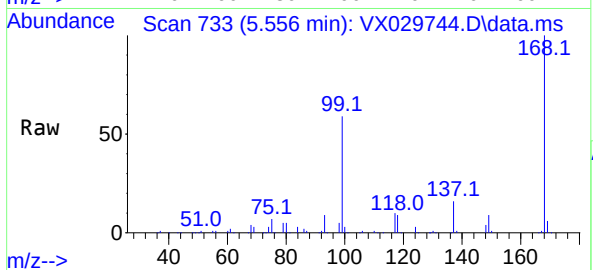




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029744.D
Acq: 23 Jun 2022 15:17

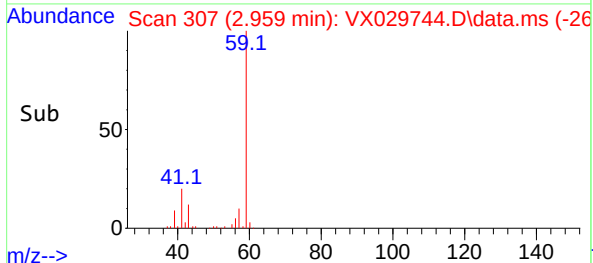
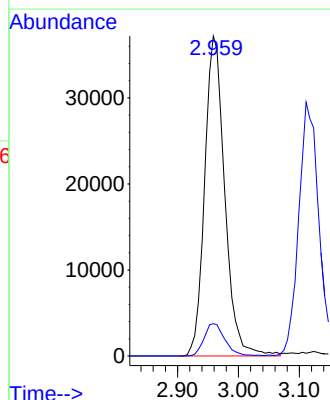
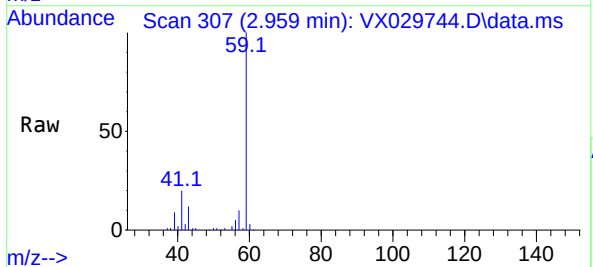
Instrument :
MSVOA_X
ClientSampleId :
MW-25RE

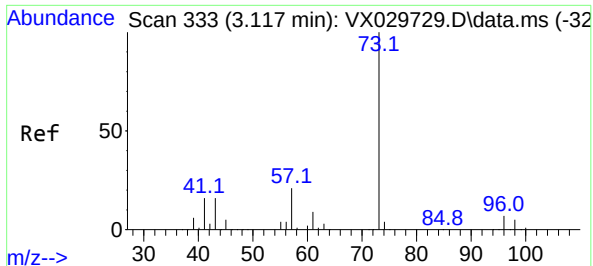
Tgt Ion:168 Resp: 268290
Ion Ratio Lower Upper
168 100
99 58.7 41.7 62.5



#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





#19

Methyl tert-butyl Ether

Concen: 34.207 ug/l

RT: 3.117 min Scan# 31

Delta R.T. 0.000 min

Lab File: VX029744.D

Acq: 23 Jun 2022 15:17

Instrument :

MSVOA_X

ClientSampleId :

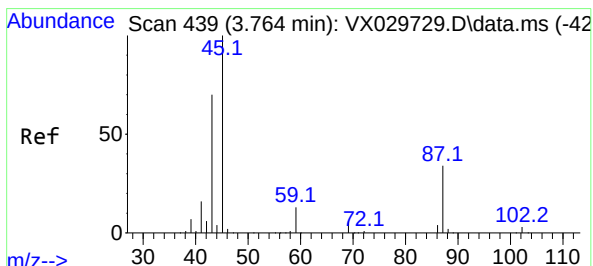
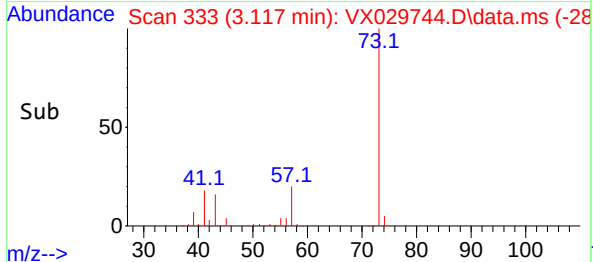
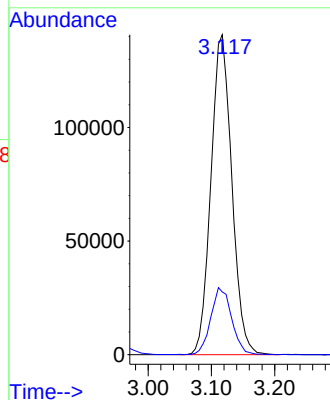
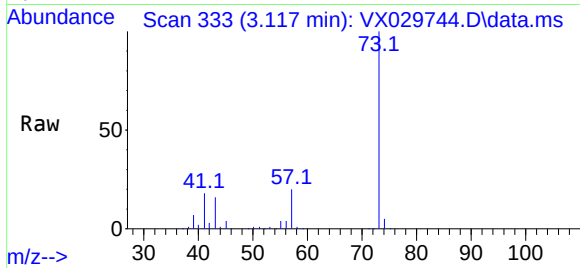
MW-25RE

Tgt Ion: 73 Resp: 322785

Ion Ratio Lower Upper

73 100

57 19.6 16.8 25.2



#22

Diisopropyl ether

Concen: 2.356 ug/l

RT: 3.763 min Scan# 439

Delta R.T. 0.000 min

Lab File: VX029744.D

Acq: 23 Jun 2022 15:17

Tgt Ion: 45 Resp: 20452

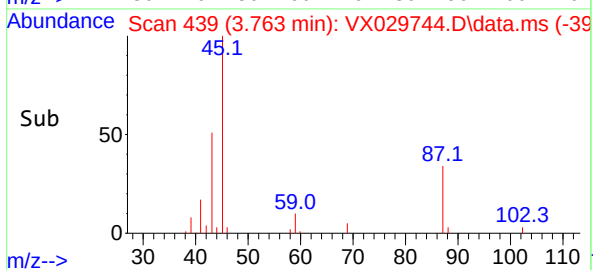
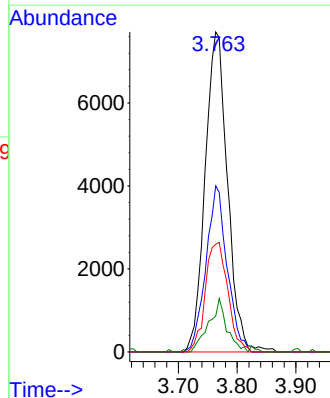
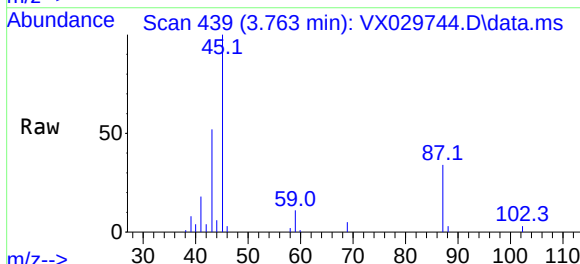
Ion Ratio Lower Upper

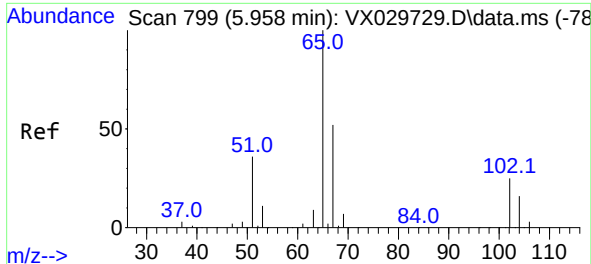
45 100

43 51.9 50.8 76.2

87 33.7 26.6 39.8

59 11.2 10.5 15.7

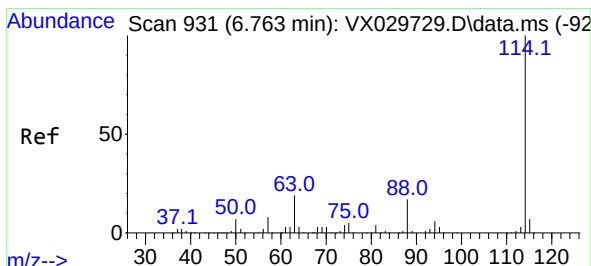
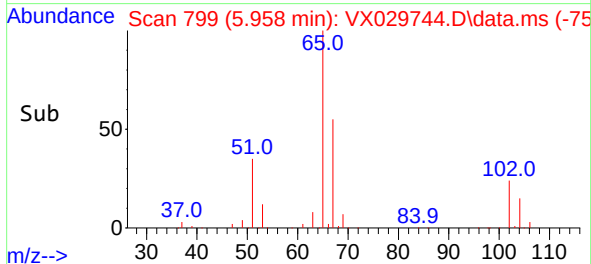
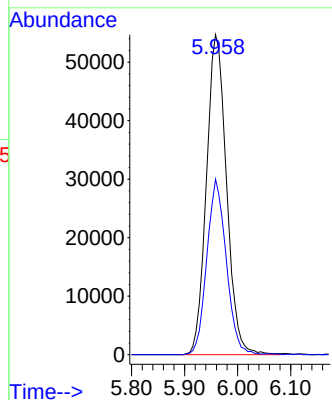
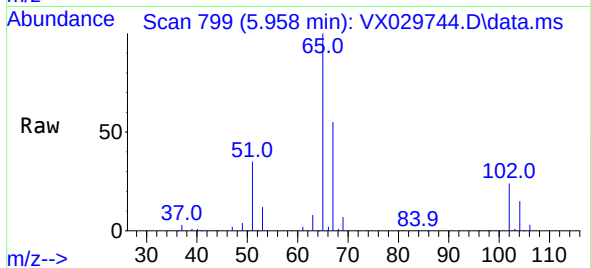




#33
1,2-Dichloroethane-d4
Concen: 40.567 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX029744.D
Acq: 23 Jun 2022 15:17

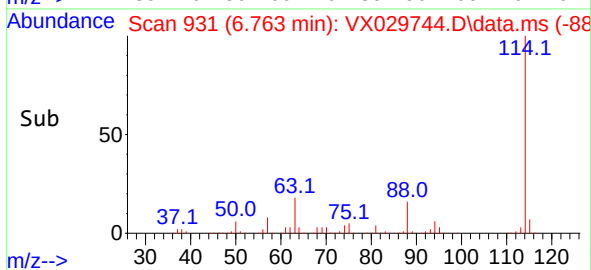
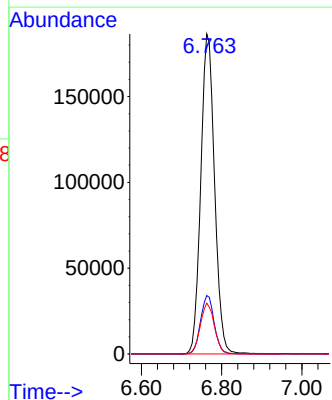
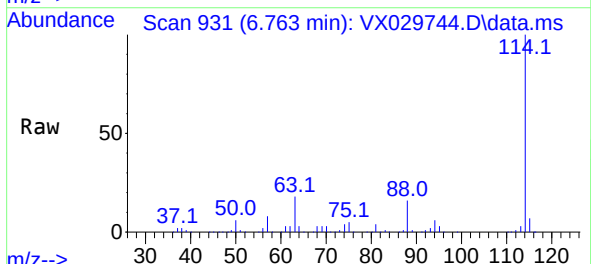
Instrument :
MSVOA_X
ClientSampleId :
MW-25RE

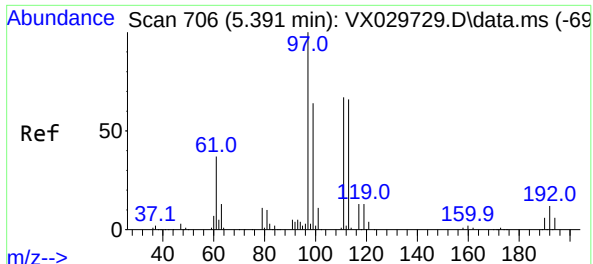
Tgt Ion: 65 Resp: 144069
Ion Ratio Lower Upper
65 100
67 53.0 0.0 107.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX029744.D
Acq: 23 Jun 2022 15:17

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

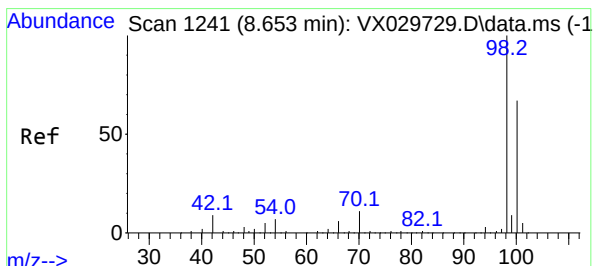
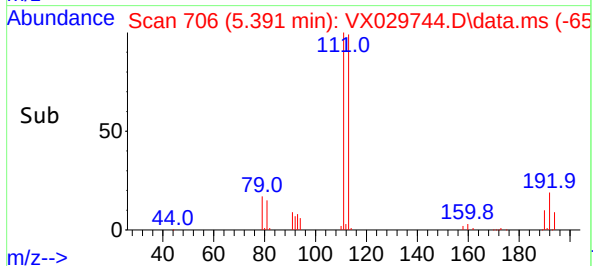
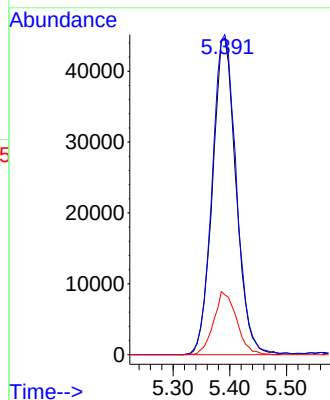
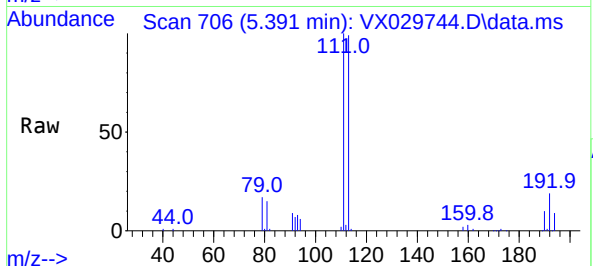




#35
Dibromofluoromethane
Concen: 44.323 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX029744.D
Acq: 23 Jun 2022 15:17

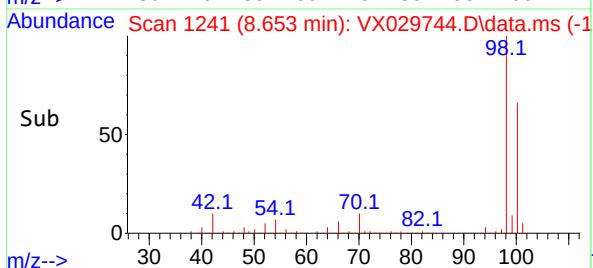
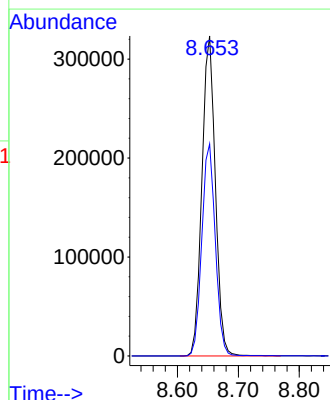
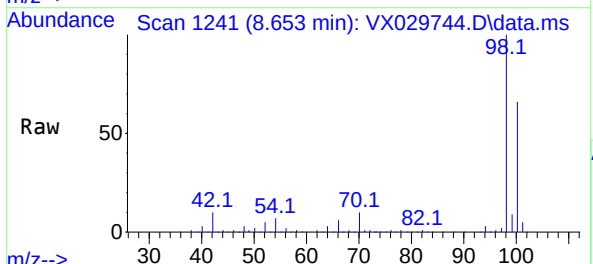
Instrument :
MSVOA_X
ClientSampleId :
MW-25RE

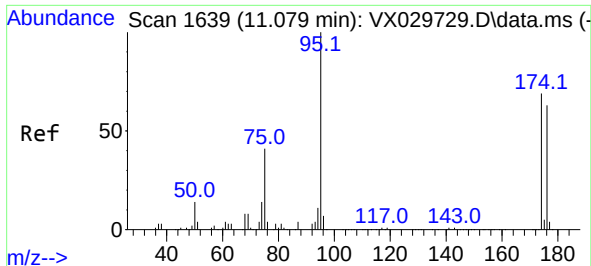
Tgt Ion:113 Resp: 128825
Ion Ratio Lower Upper
113 100
111 103.6 82.8 124.2
192 19.4 16.9 25.3



#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

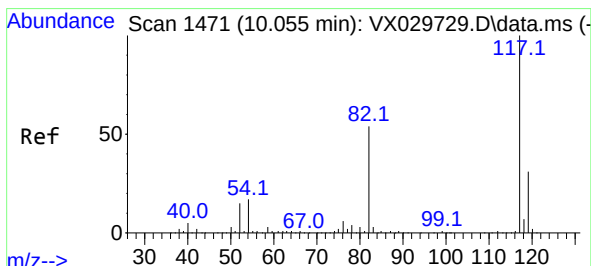
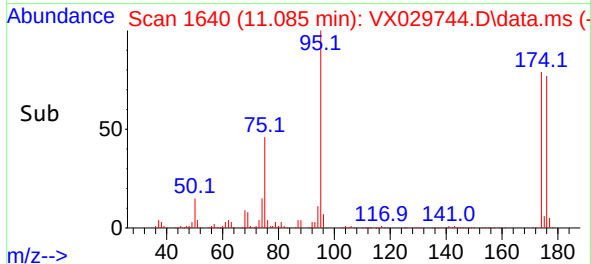
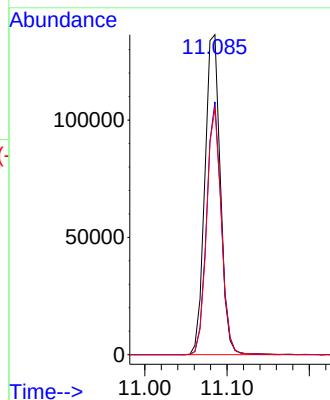
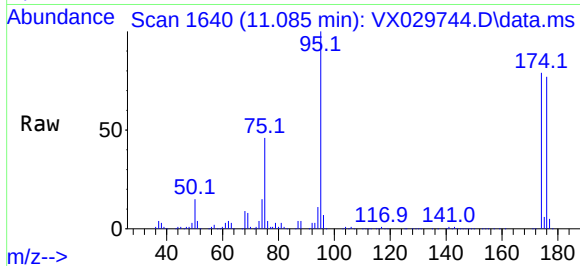




#62
4-Bromofluorobenzene
Concen: 44.674 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX029744.D
Acq: 23 Jun 2022 15:17

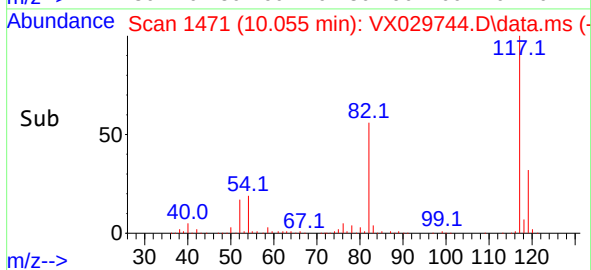
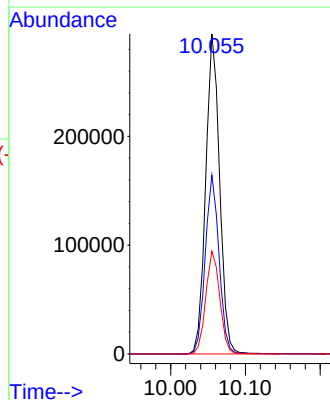
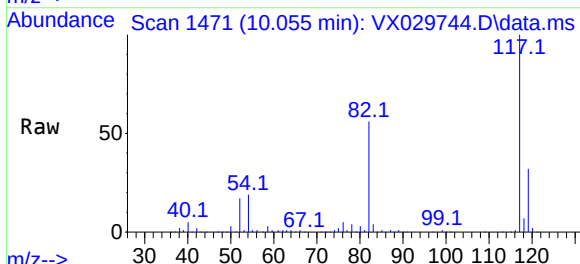
Instrument :
MSVOA_X
ClientSampleId :
MW-25RE

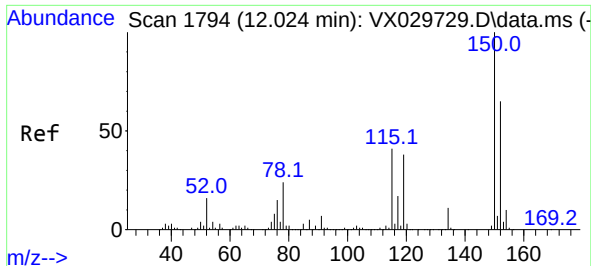
Tgt Ion: 95 Resp: 178886
Ion Ratio Lower Upper
95 100
174 74.3 0.0 163.0
176 72.9 0.0 155.0



#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

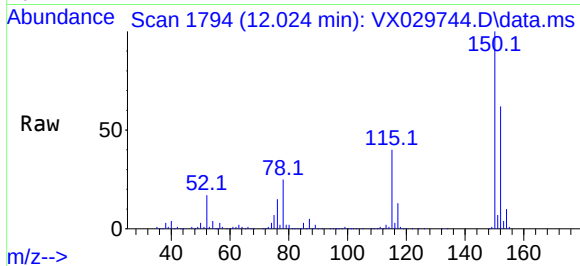
Tgt Ion: 117 Resp: 380858
Ion Ratio Lower Upper
117 100
82 55.9 41.8 62.8
119 32.1 24.8 37.2





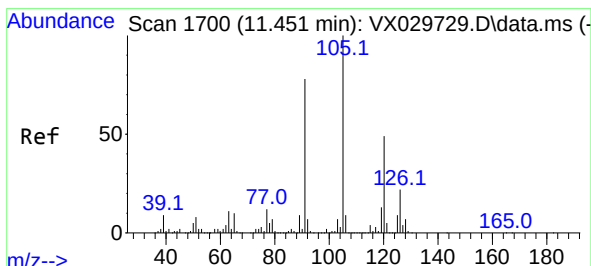
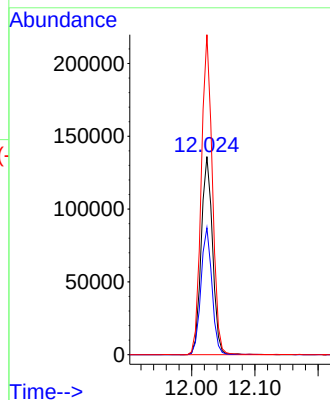
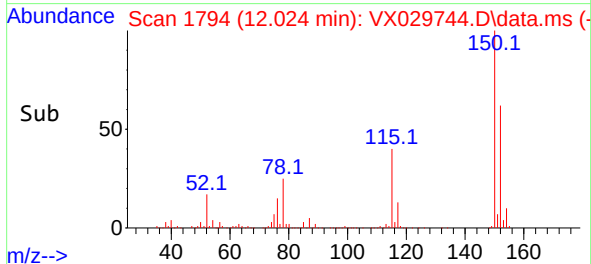
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX029744.D
 Acq: 23 Jun 2022 15:17

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-25RE

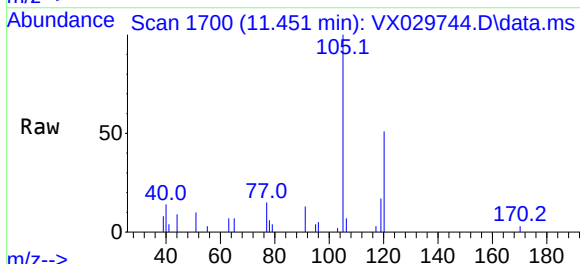


Tgt Ion:152 Resp: 169891

Ion	Ratio	Lower	Upper
152	100		
115	62.2	37.5	112.7
150	157.8	0.0	338.2

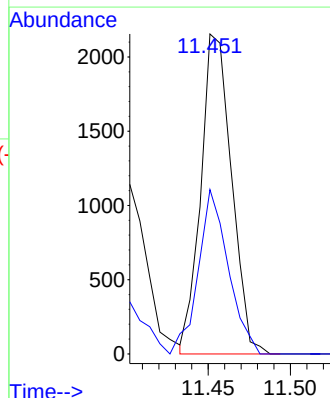
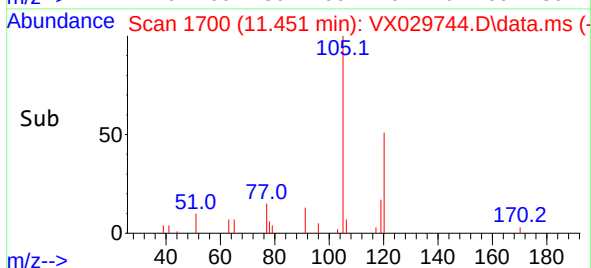


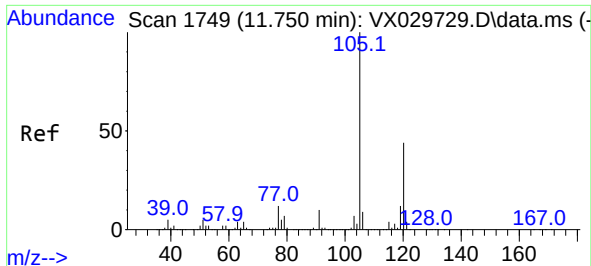
#80
 1,3,5-Trimethylbenzene
 Concen: 0.261 ug/l
 RT: 11.451 min Scan# 1700
 Delta R.T. 0.000 min
 Lab File: VX029744.D
 Acq: 23 Jun 2022 15:17



Tgt Ion:105 Resp: 2800

Ion	Ratio	Lower	Upper
105	100		
120	50.1	24.3	72.9

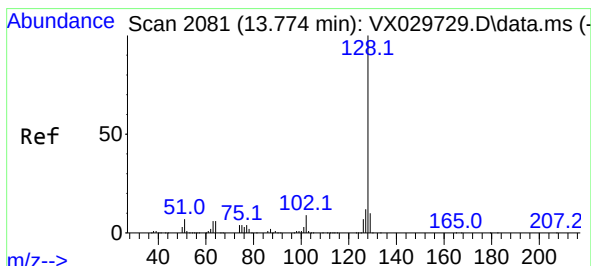
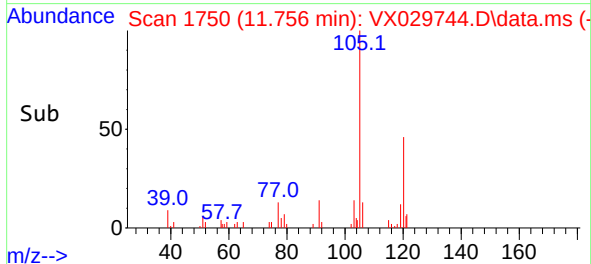
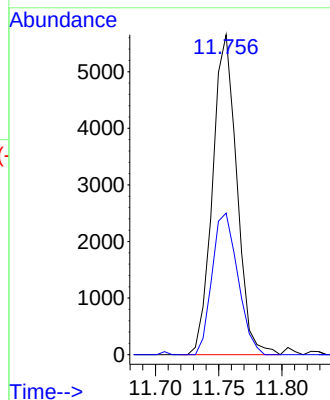
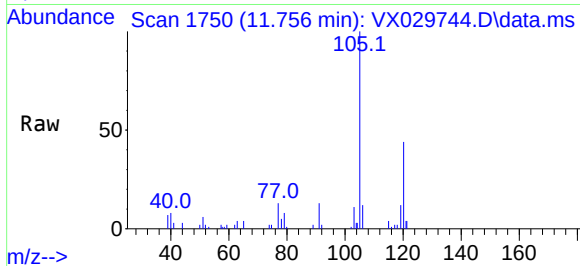




#84
1,2,4-Trimethylbenzene
Concen: 0.704 ug/l
RT: 11.756 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029744.D
Acq: 23 Jun 2022 15:17

Instrument :
MSVOA_X
ClientSampleId :
MW-25RE

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# 2082
Delta R.T. 0.006 min
Lab File: VX029744.D
Acq: 23 Jun 2022 15:17

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

