

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060122\
 Data File : VX029125.D
 Acq On : 01 Jun 2022 17:54
 Operator : JC/MD
 Sample : N3087-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-09

Quant Time: Jun 02 09:12:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 01 04:45:42 2022
 Response via : Initial Calibration

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

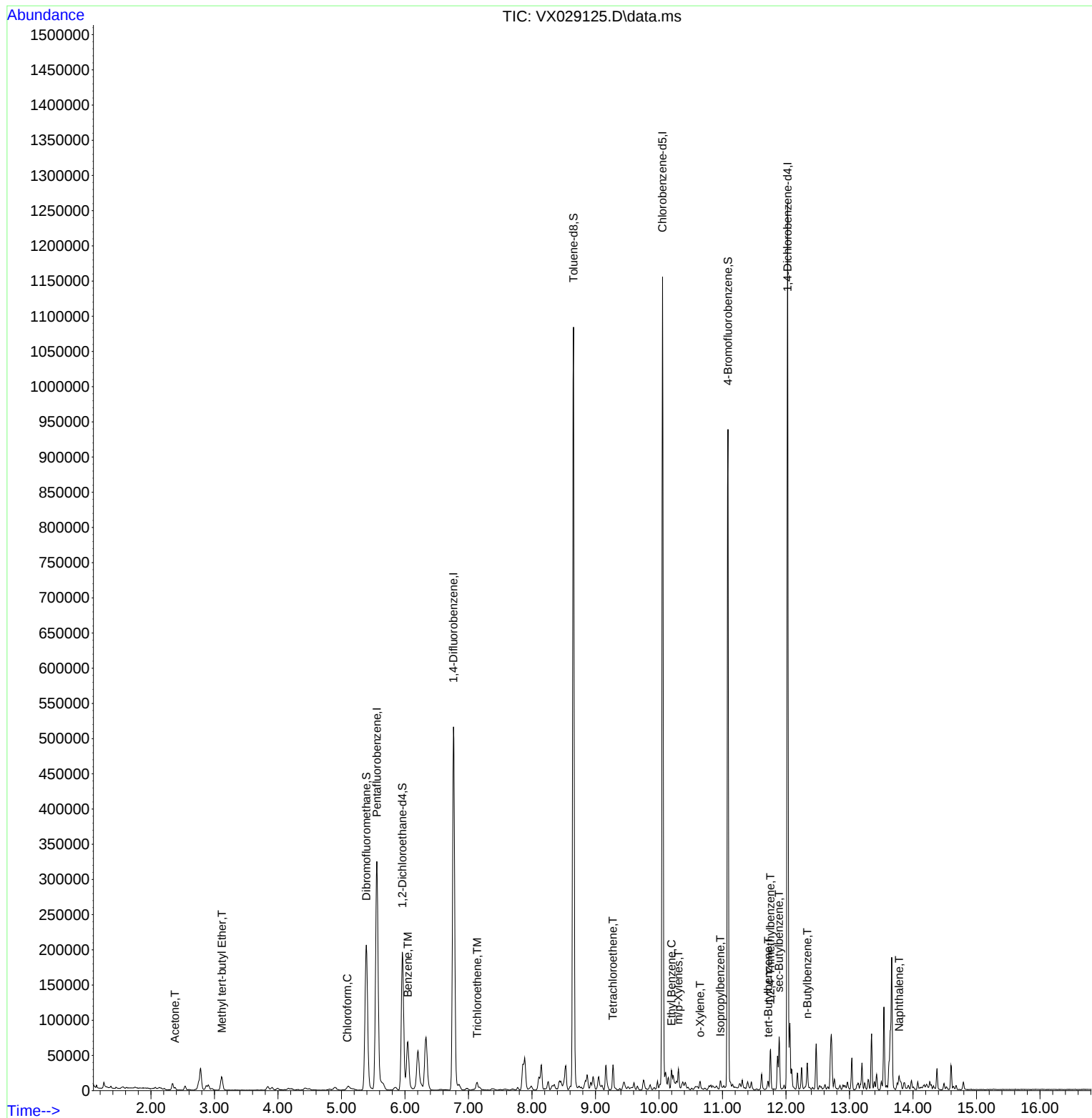
Internal Standards						
1) Pentafluorobenzene	5.556	168	322448	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	568196	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	551271	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	269659	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	184892	50.850	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 101.700%	
35) Dibromofluoromethane	5.391	113	186352	49.377	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 98.760%	
50) Toluene-d8	8.653	98	672093	48.690	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 97.380%	
62) 4-Bromofluorobenzene	11.085	95	260343	48.792	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 97.580%	
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	3508	2.450	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	16614	1.685	ug/l #	73
30) Chloroform	5.093	83	3748	0.626	ug/l #	83
40) Benzene	6.044	78	88331	6.141	ug/l	99
44) Trichloroethene	7.135	130	4442	0.344	ug/l	97
64) Tetrachloroethene	9.275	164	7177	1.729	ug/l	95
67) Ethyl Benzene	10.195	91	22334	1.174	ug/l	100
68) m/p-Xylenes	10.305	106	6491	0.849	ug/l	99
69) o-Xylene	10.647	106	1813	0.240	ug/l	91
73) Isopropylbenzene	10.964	105	4637	0.256	ug/l	96
83) tert-Butylbenzene	11.720	119	4872	0.307	ug/l	88
84) 1,2,4-Trimethylbenzene	11.756	105	26686	1.723	ug/l	98
85) sec-Butylbenzene	11.890	105	39339	2.113	ug/l	99
89) n-Butylbenzene	12.335	91	14634	1.108	ug/l	93
95) Naphthalene	13.780	128	13701	0.766	ug/l #	93

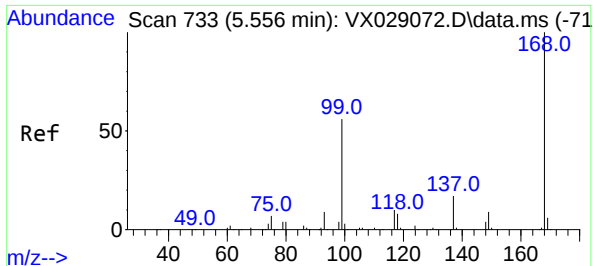
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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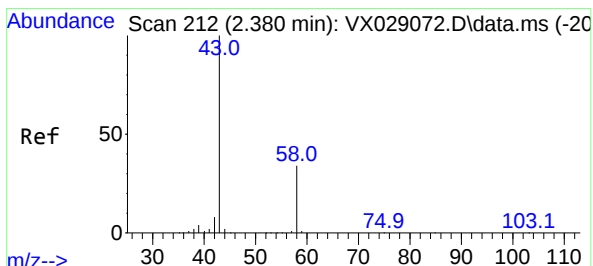
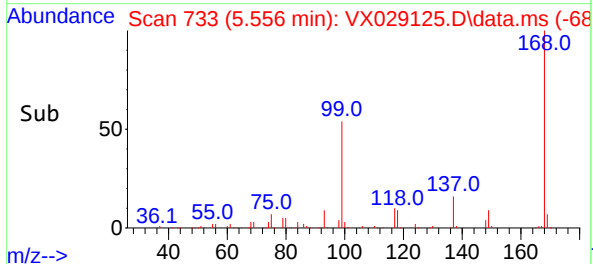
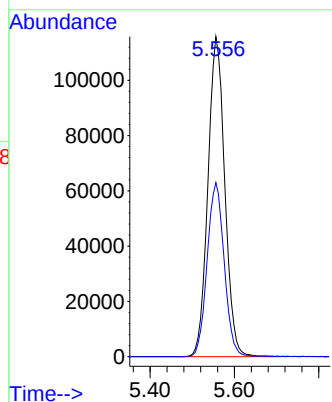
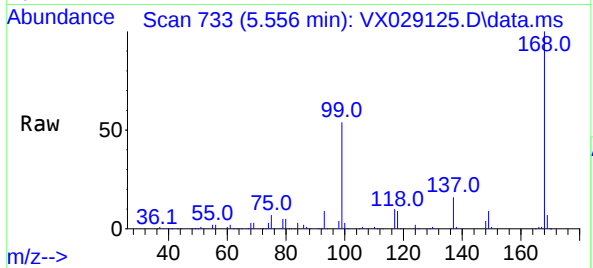




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029125.D
Acq: 01 Jun 2022 17:54

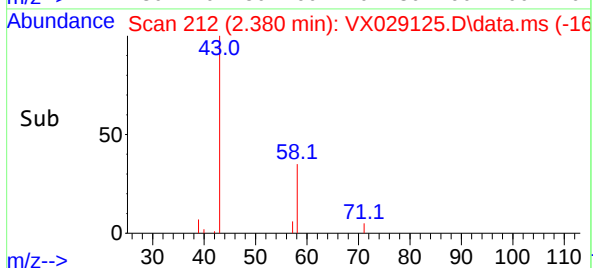
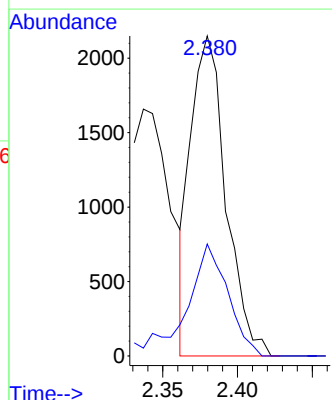
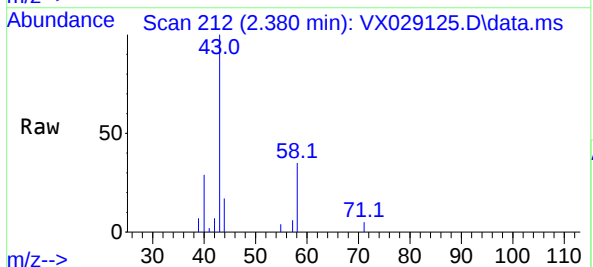
Instrument :
MSVOA_X
ClientSampleId :
MW-09

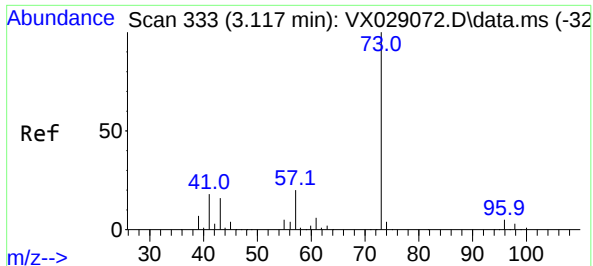
Tgt Ion:168 Resp: 322448
Ion Ratio Lower Upper
168 100
99 54.4 41.7 62.5



#16
Acetone
Concen: 2.450 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX029125.D
Acq: 01 Jun 2022 17:54

Tgt Ion: 43 Resp: 3508
Ion Ratio Lower Upper
43 100
58 35.0 28.8 43.2





#19

Methyl tert-butyl Ether

Concen: 1.685 ug/l

RT: 3.117 min Scan# 31

Delta R.T. 0.000 min

Lab File: VX029125.D

Acq: 01 Jun 2022 17:54

Instrument :

MSVOA_X

ClientSampleId :

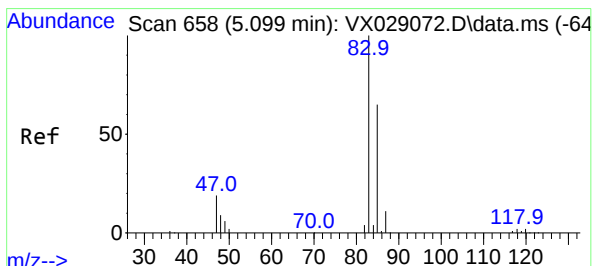
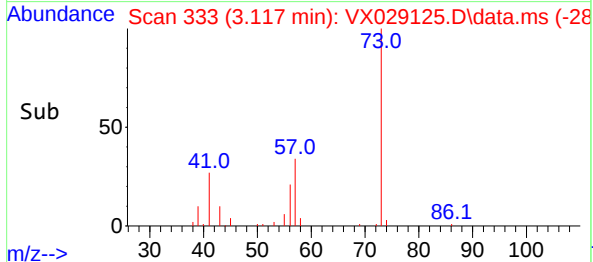
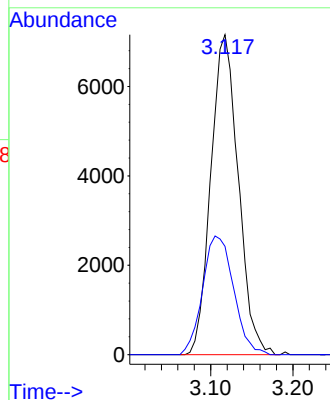
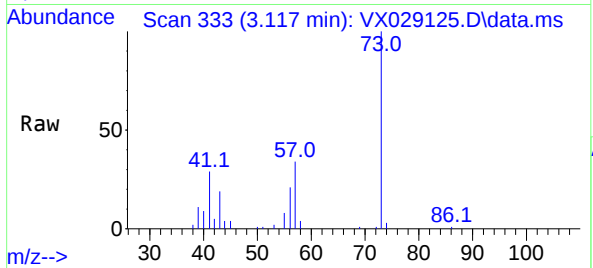
MW-09

Tgt Ion: 73 Resp: 16614

Ion Ratio Lower Upper

73 100

57 33.8 16.8 25.2#



#30

Chloroform

Concen: 0.626 ug/l

RT: 5.093 min Scan# 657

Delta R.T. -0.006 min

Lab File: VX029125.D

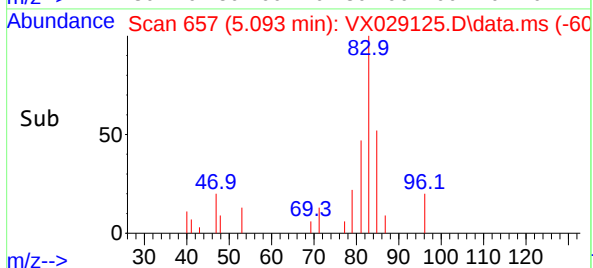
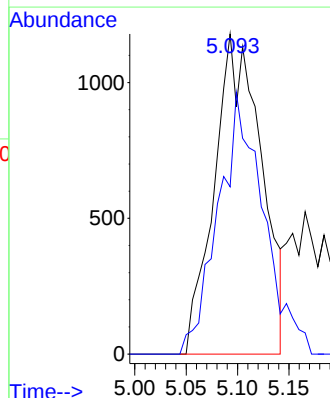
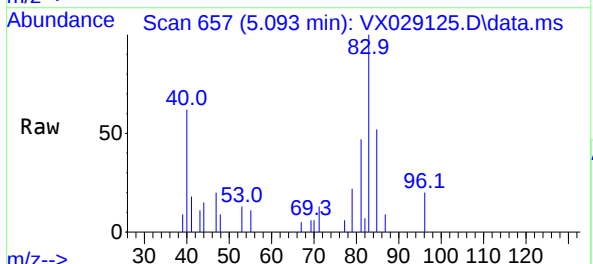
Acq: 01 Jun 2022 17:54

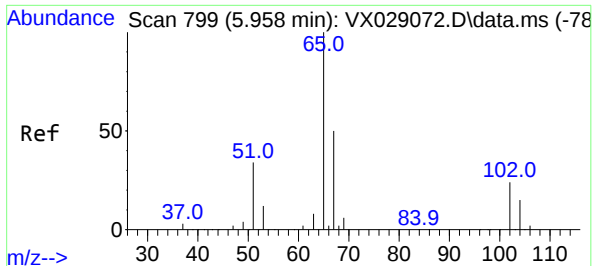
Tgt Ion: 83 Resp: 3748

Ion Ratio Lower Upper

83 100

85 52.2 52.7 79.1#

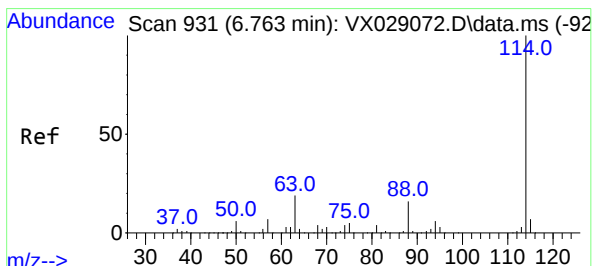
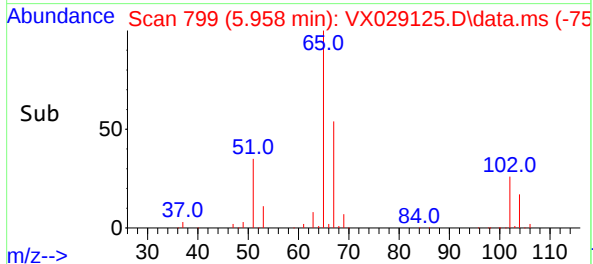
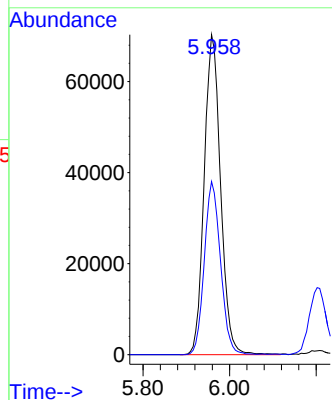
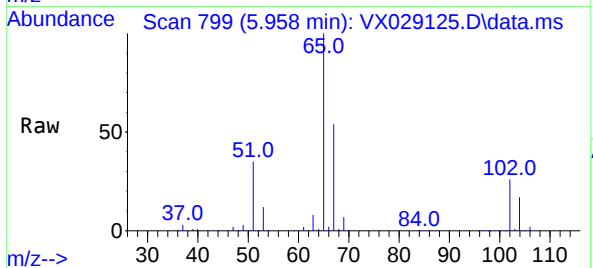




#33
1,2-Dichloroethane-d4
Concen: 50.850 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX029125.D
Acq: 01 Jun 2022 17:54

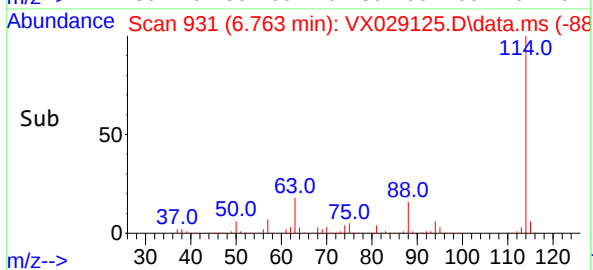
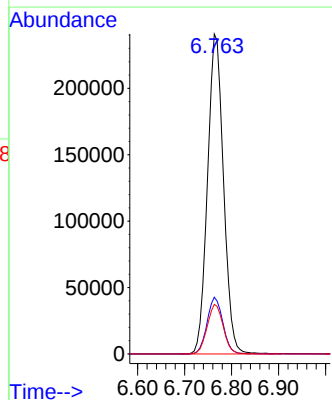
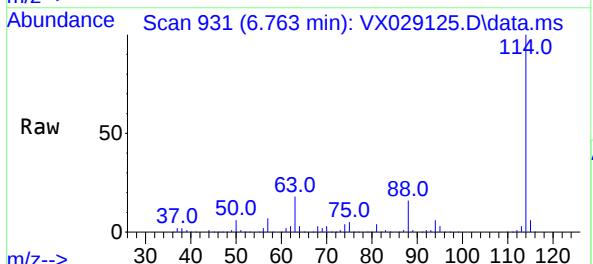
Instrument :
MSVOA_X
ClientSampleId :
MW-09

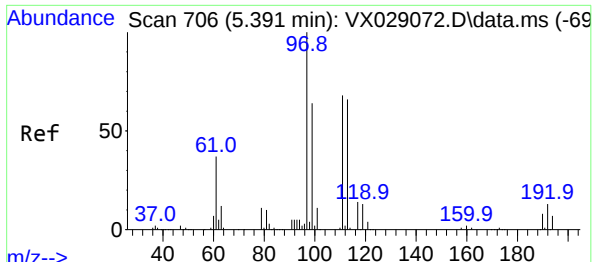
Tgt Ion: 65 Resp: 184892
Ion Ratio Lower Upper
65 100
67 53.4 0.0 107.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX029125.D
Acq: 01 Jun 2022 17:54

Tgt Ion: 114 Resp: 568196
Ion Ratio Lower Upper
114 100
63 17.7 0.0 36.8
88 15.5 0.0 32.4



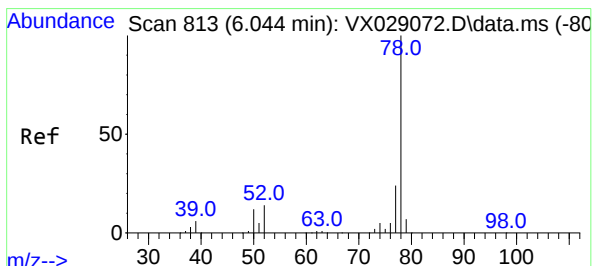
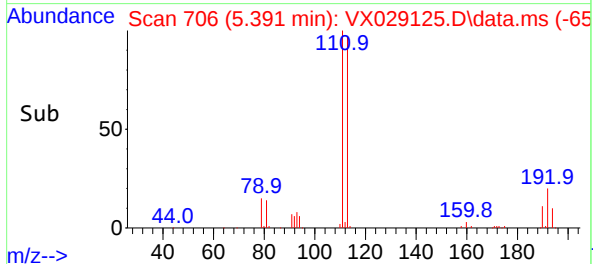
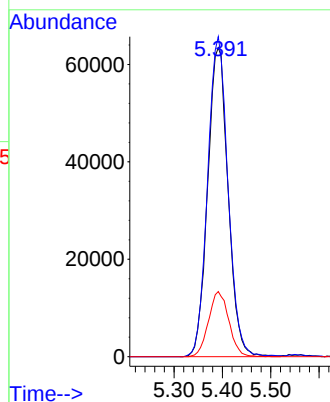
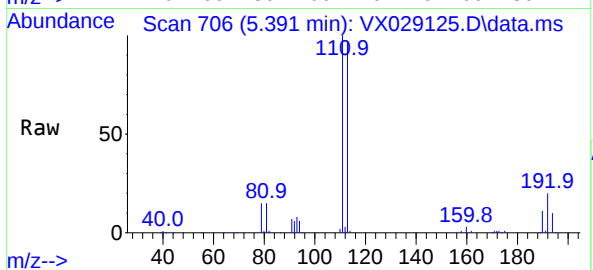


#35
 Dibromofluoromethane
 Concen: 49.377 ug/l
 RT: 5.391 min Scan# 706
 Delta R.T. 0.000 min
 Lab File: VX029125.D
 Acq: 01 Jun 2022 17:54

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-09

Tgt Ion:113 Resp: 186352

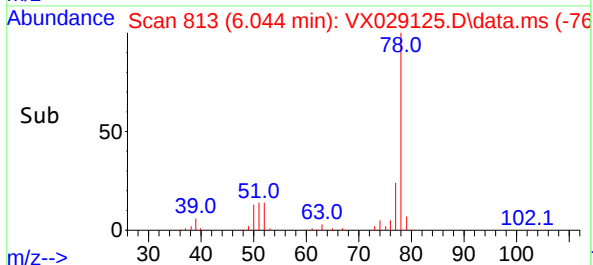
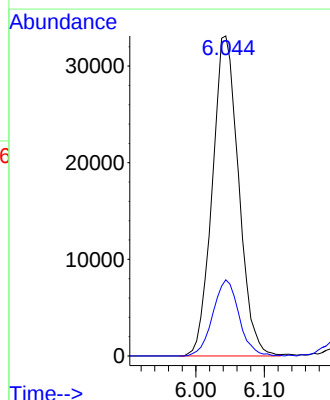
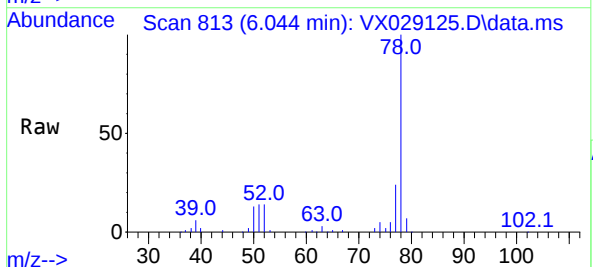
Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.8	124.2
192	20.9	16.9	25.3

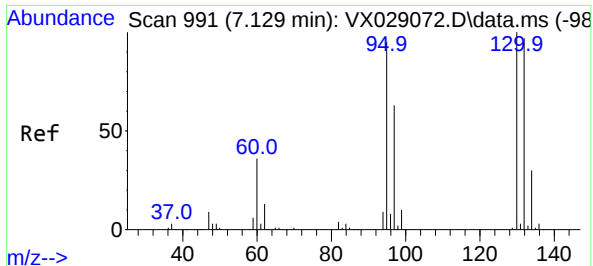


#40
 Benzene
 Concen: 6.141 ug/l
 RT: 6.044 min Scan# 813
 Delta R.T. -0.000 min
 Lab File: VX029125.D
 Acq: 01 Jun 2022 17:54

Tgt Ion: 78 Resp: 88331

Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.3	28.9

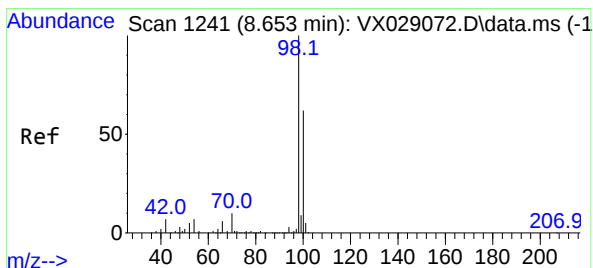
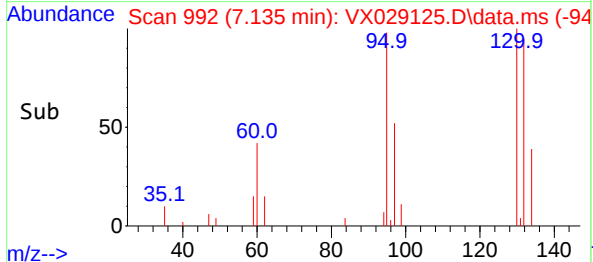
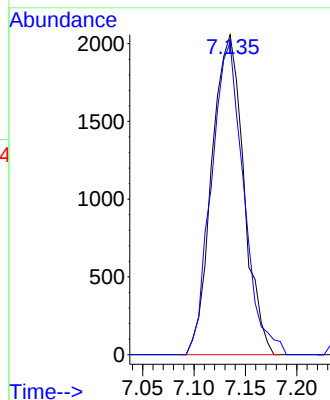
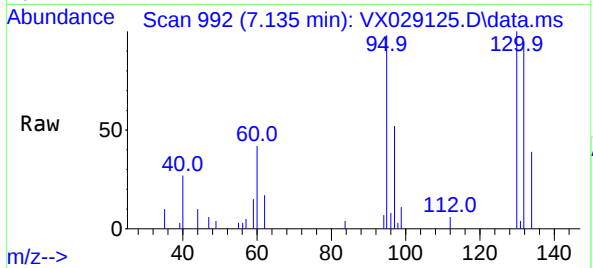




#44
Trichloroethene
Concen: 0.344 ug/l
RT: 7.135 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX029125.D
Acq: 01 Jun 2022 17:54

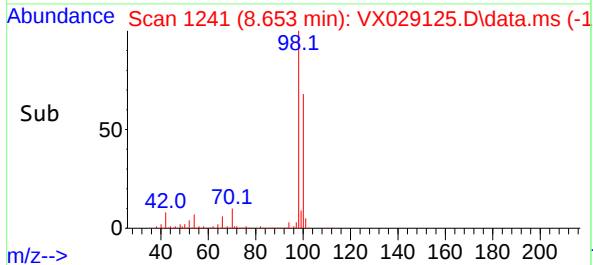
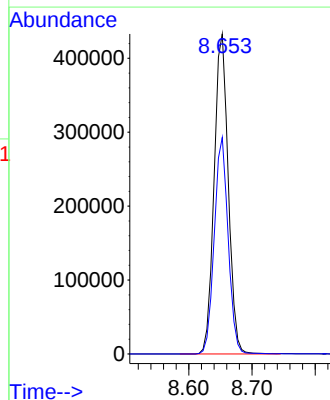
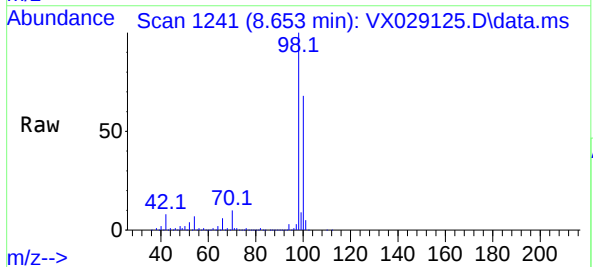
Instrument :
MSVOA_X
ClientSampleId :
MW-09

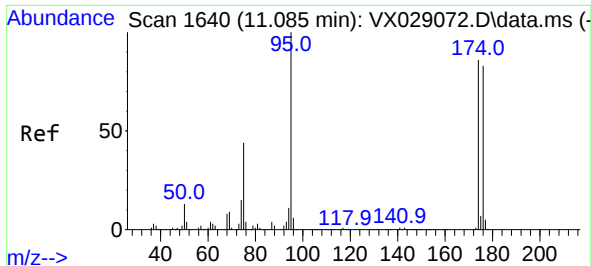
Tgt Ion:130 Resp: 4442
Ion Ratio Lower Upper
130 100
95 97.6 0.0 188.8



#50
Toluene-d8
Concen: 48.690 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX029125.D
Acq: 01 Jun 2022 17:54

Tgt Ion: 98 Resp: 672093
Ion Ratio Lower Upper
98 100
100 66.5 52.6 78.8

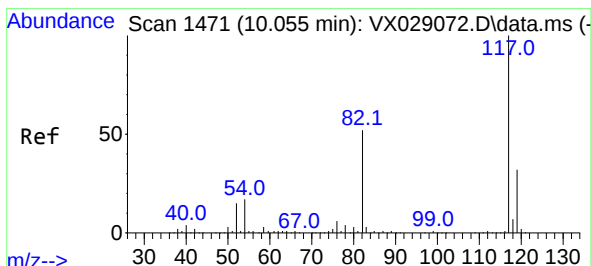
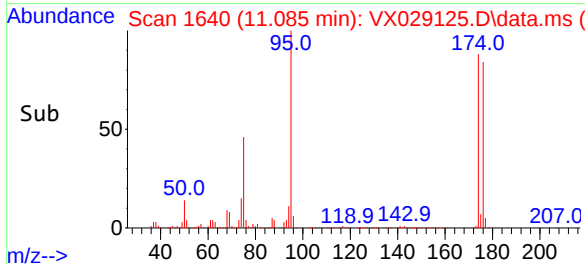
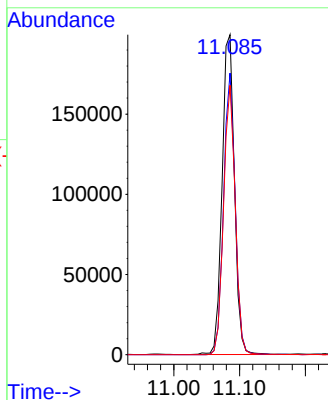
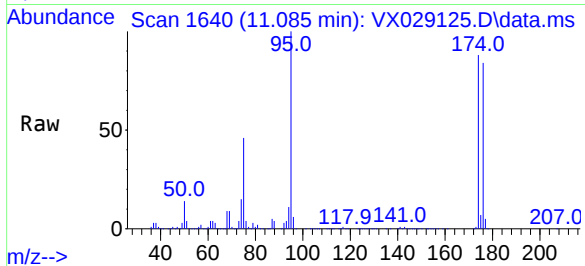




#62
4-Bromofluorobenzene
Concen: 48.792 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX029125.D
Acq: 01 Jun 2022 17:54

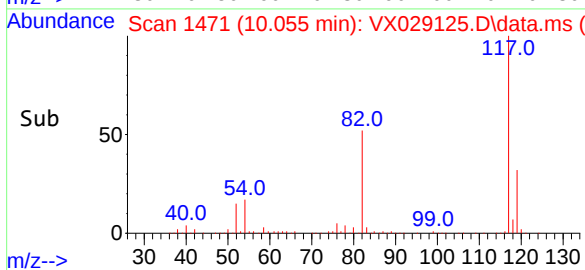
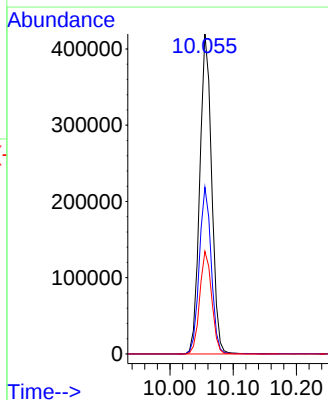
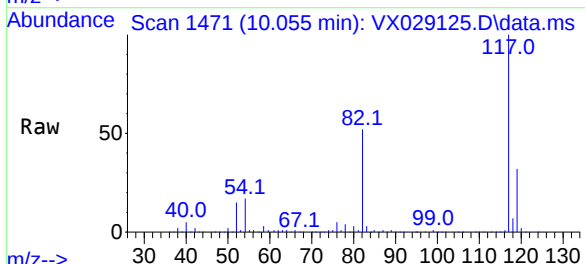
Instrument :
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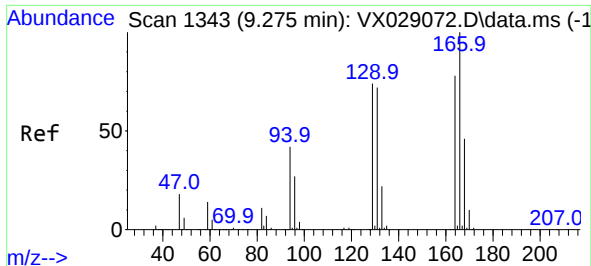
Tgt Ion: 95 Resp: 260343
Ion Ratio Lower Upper
95 100
174 82.6 0.0 163.0
176 79.9 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX029125.D
Acq: 01 Jun 2022 17:54

Tgt Ion: 117 Resp: 551271
Ion Ratio Lower Upper
117 100
82 52.1 41.8 62.8
119 32.1 24.8 37.2



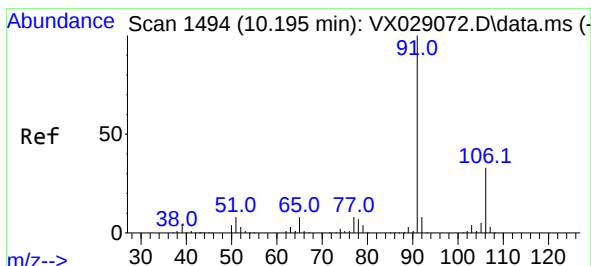
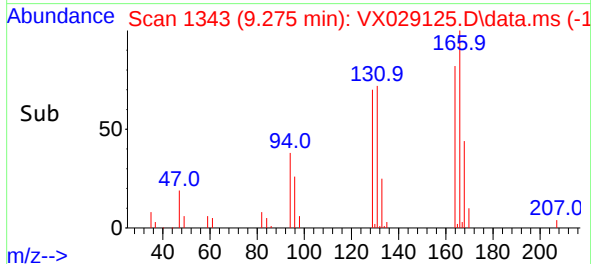
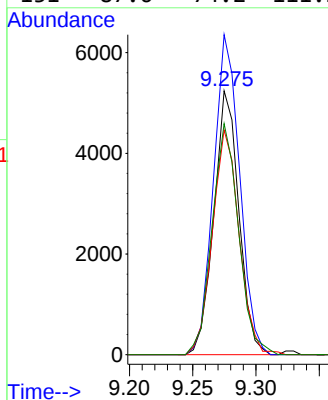
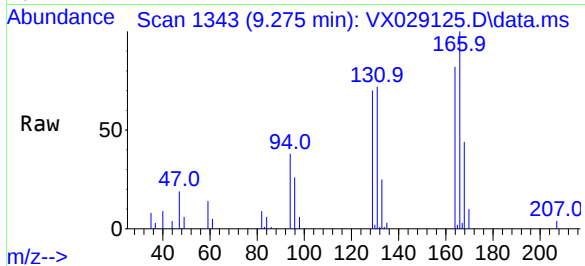


#64
Tetrachloroethene
Concen: 1.729 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029125.D
Acq: 01 Jun 2022 17:54

Instrument :
MSVOA_X
ClientSampleId :
MW-09

Tgt Ion:164 Resp: 7177

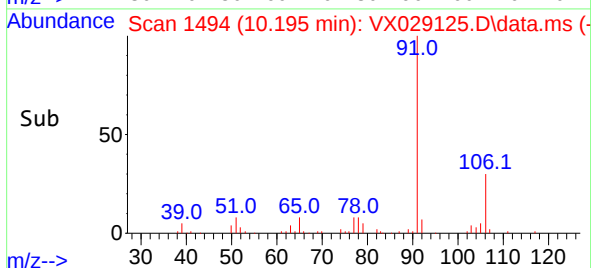
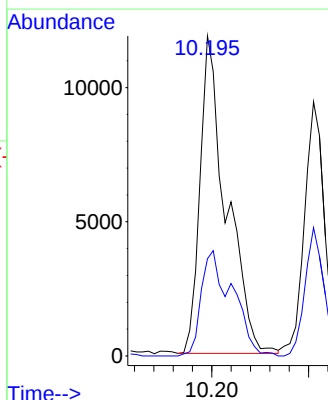
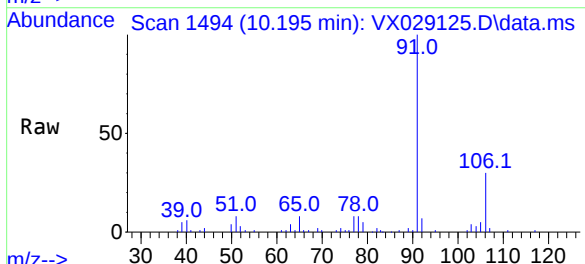
Ion	Ratio	Lower	Upper
164	100		
166	121.3	101.2	151.8
129	85.2	73.0	109.4
131	87.6	74.2	111.2

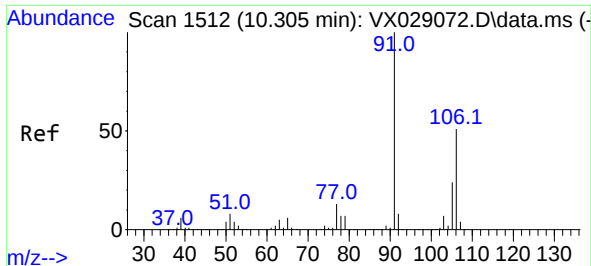


#67
Ethyl Benzene
Concen: 1.174 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX029125.D
Acq: 01 Jun 2022 17:54

Tgt Ion: 91 Resp: 22334

Ion	Ratio	Lower	Upper
91	100		
106	30.6	24.6	36.8

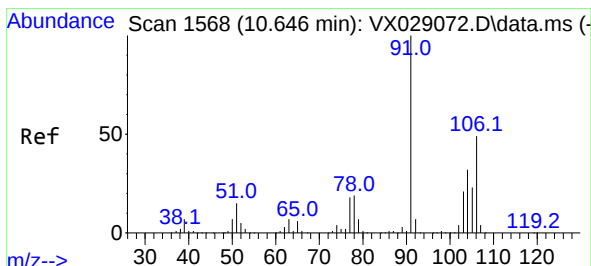
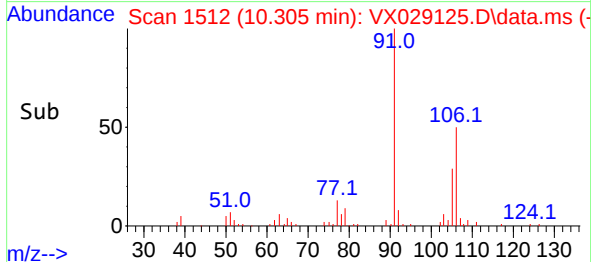
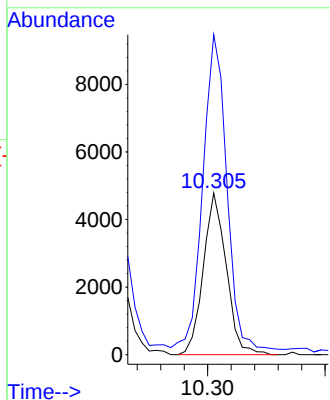
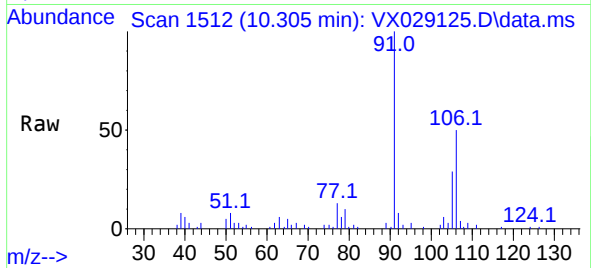




#68
m/p-Xylenes
Concen: 0.849 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX029125.D
Acq: 01 Jun 2022 17:54

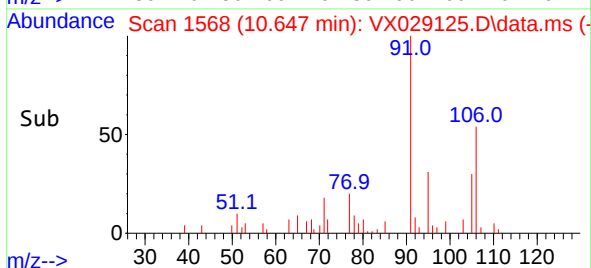
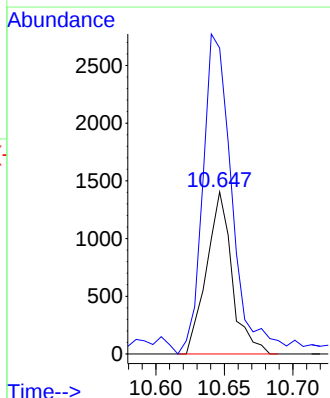
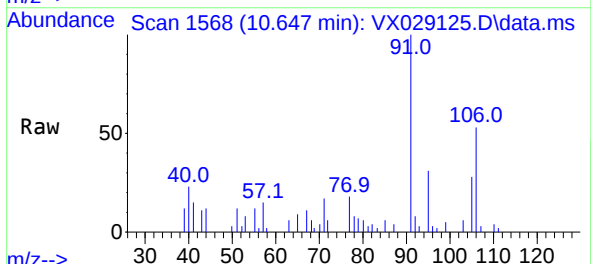
Instrument :
MSVOA_X
ClientSampleId :
MW-09

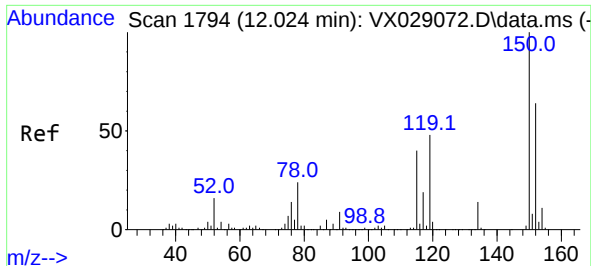
Tgt Ion:106 Resp: 6491
Ion Ratio Lower Upper
106 100
91 201.4 160.4 240.6



#69
o-Xylene
Concen: 0.240 ug/l
RT: 10.647 min Scan# 1568
Delta R.T. 0.001 min
Lab File: VX029125.D
Acq: 01 Jun 2022 17:54

Tgt Ion:106 Resp: 1813
Ion Ratio Lower Upper
106 100
91 225.9 106.1 318.1

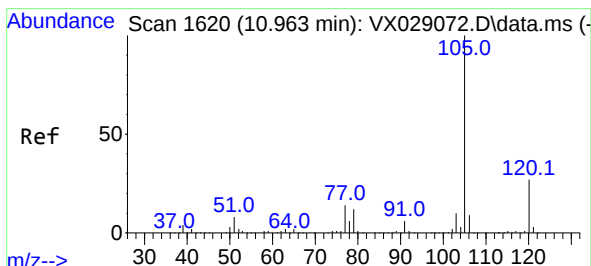
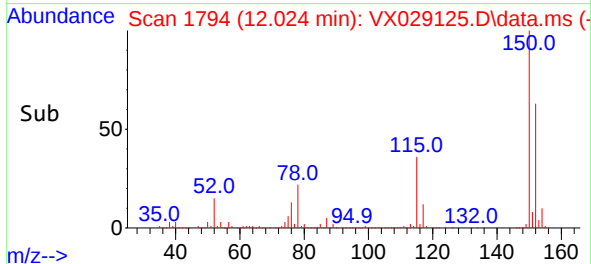
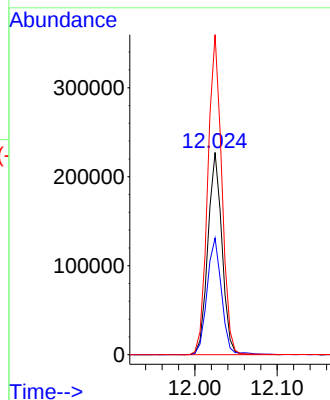
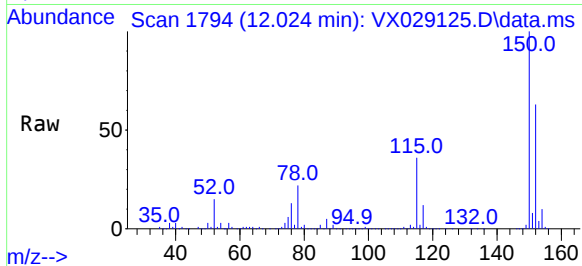




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX029125.D
Acq: 01 Jun 2022 17:54

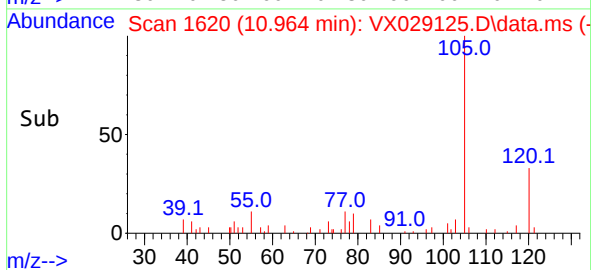
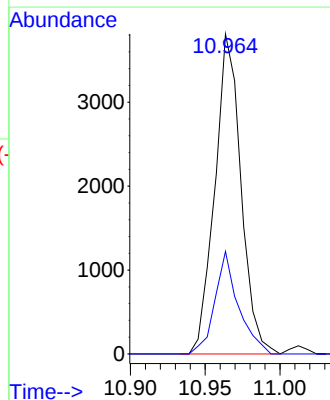
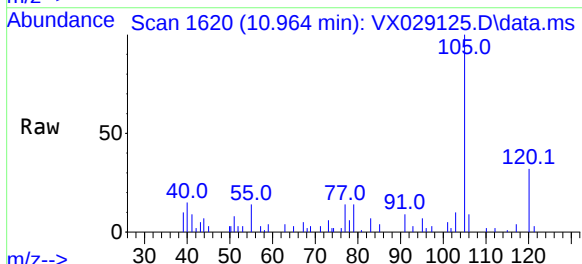
Instrument :
MSVOA_X
ClientSampleId :
MW-09

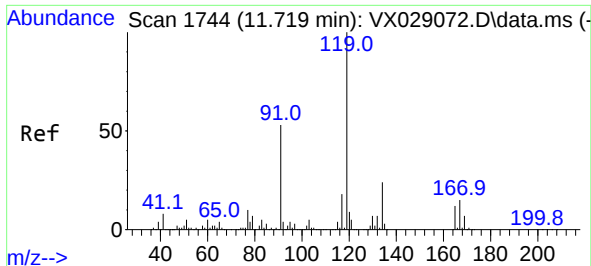
Tgt Ion:152 Resp: 269659
Ion Ratio Lower Upper
152 100
115 59.8 37.5 112.7
150 157.7 0.0 338.2



#73
Isopropylbenzene
Concen: 0.256 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.001 min
Lab File: VX029125.D
Acq: 01 Jun 2022 17:54

Tgt Ion:105 Resp: 4637
Ion Ratio Lower Upper
105 100
120 28.9 13.5 40.5

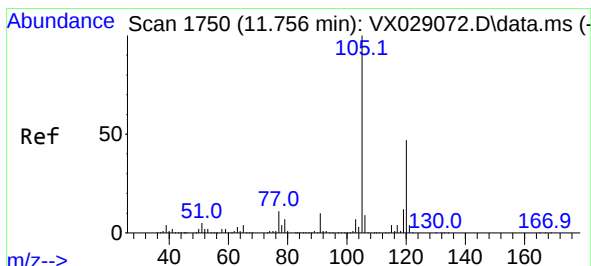
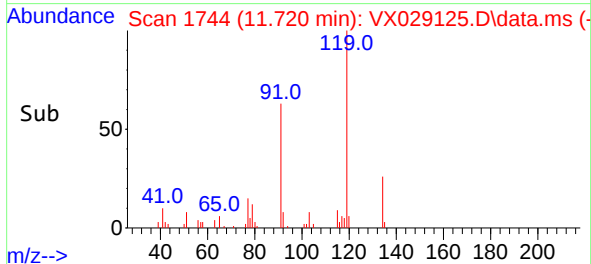
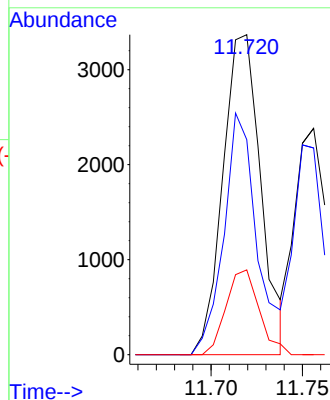
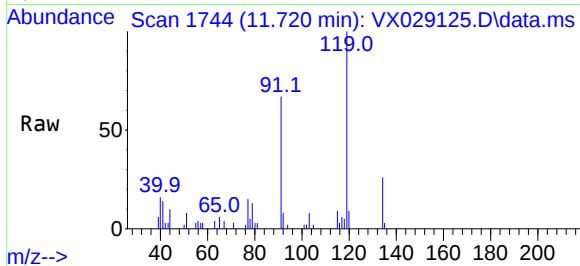




#83
tert-Butylbenzene
Concen: 0.307 ug/l
RT: 11.720 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX029125.D
Acq: 01 Jun 2022 17:54

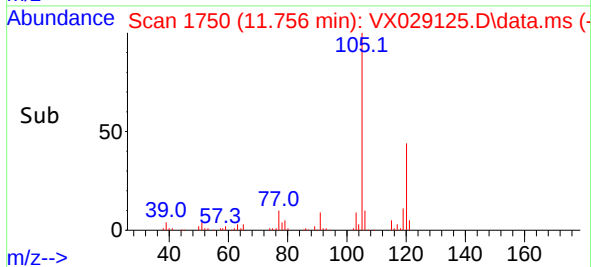
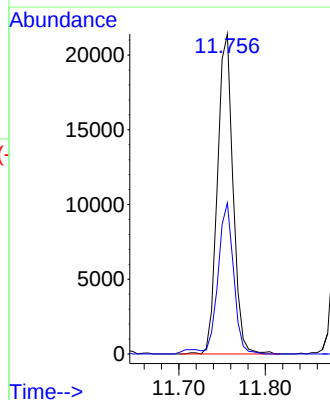
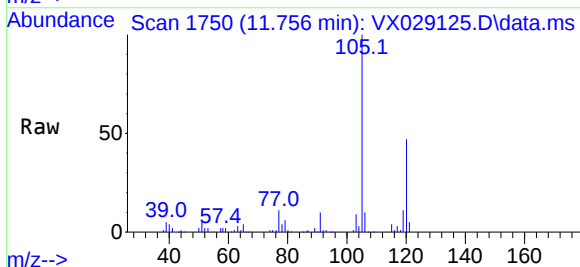
Instrument :
MSVOA_X
ClientSampleId :
MW-09

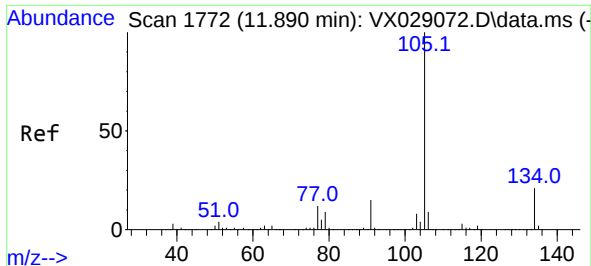
Tgt Ion:119 Resp: 4872
Ion Ratio Lower Upper
119 100
91 66.0 26.9 80.6
134 23.1 11.4 34.2



#84
1,2,4-Trimethylbenzene
Concen: 1.723 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX029125.D
Acq: 01 Jun 2022 17:54

Tgt Ion:105 Resp: 26686
Ion Ratio Lower Upper
105 100
120 46.7 22.6 67.8

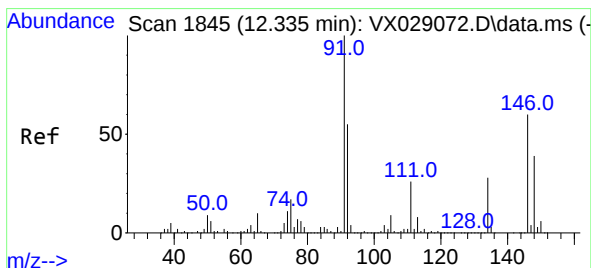
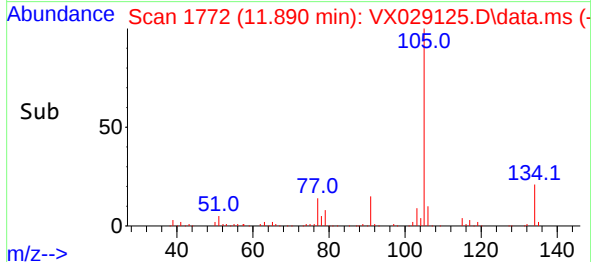
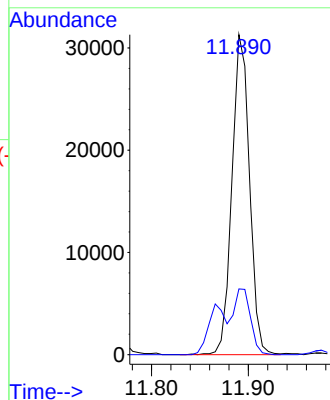
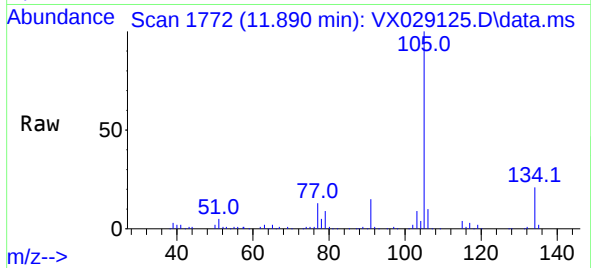




#85
 sec-Butylbenzene
 Concen: 2.113 ug/l
 RT: 11.890 min Scan# 11772
 Delta R.T. 0.000 min
 Lab File: VX029125.D
 Acq: 01 Jun 2022 17:54

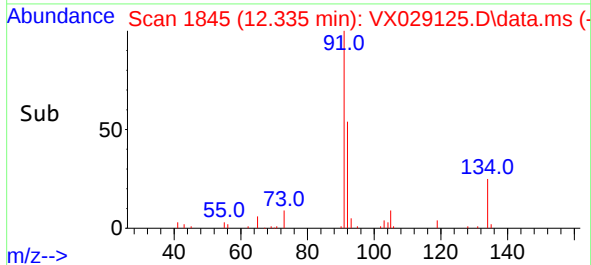
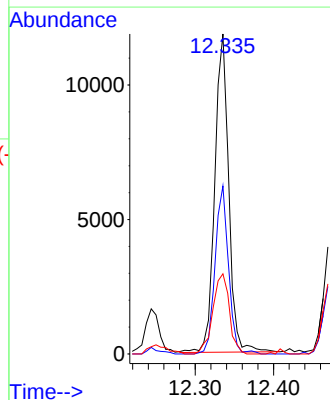
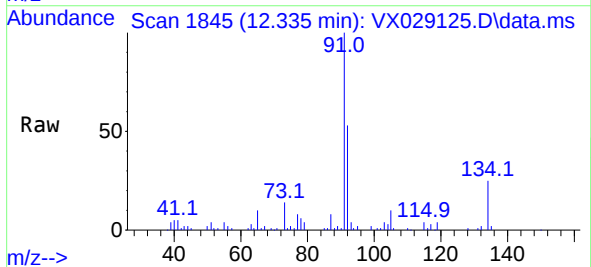
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-09

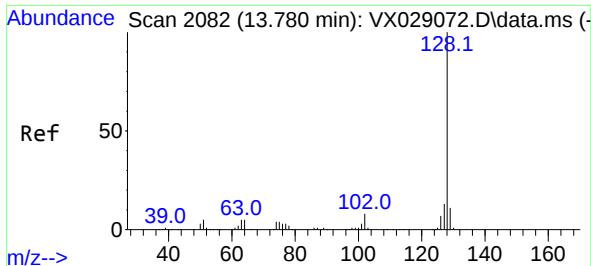
Tgt Ion:105 Resp: 39339
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.2 30.4



#89
 n-Butylbenzene
 Concen: 1.108 ug/l
 RT: 12.335 min Scan# 1845
 Delta R.T. 0.000 min
 Lab File: VX029125.D
 Acq: 01 Jun 2022 17:54

Tgt Ion: 91 Resp: 14634
 Ion Ratio Lower Upper
 91 100
 92 50.7 27.8 83.3
 134 29.8 13.3 39.8





#95

Naphthalene

Concen: 0.766 ug/l

RT: 13.780 min Scan# 20

Delta R.T. 0.000 min

Lab File: VX029125.D

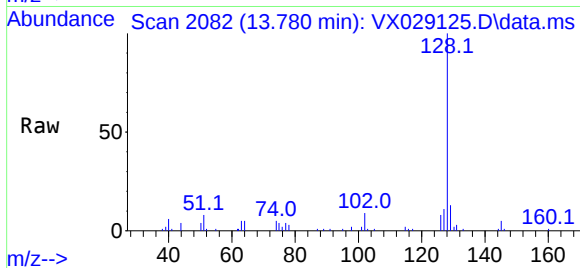
Acq: 01 Jun 2022 17:54

Instrument :

MSVOA_X

ClientSampleId :

MW-09



Tgt Ion:128 Resp: 13701

Ion Ratio Lower Upper

128 100

127 15.4 10.2 15.4#

129 14.0 8.7 13.1#

