

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060122\
 Data File : VX029127.D
 Acq On : 01 Jun 2022 18:41
 Operator : JC/MD
 Sample : N3087-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-04

Quant Time: Jun 02 09:13:27 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)

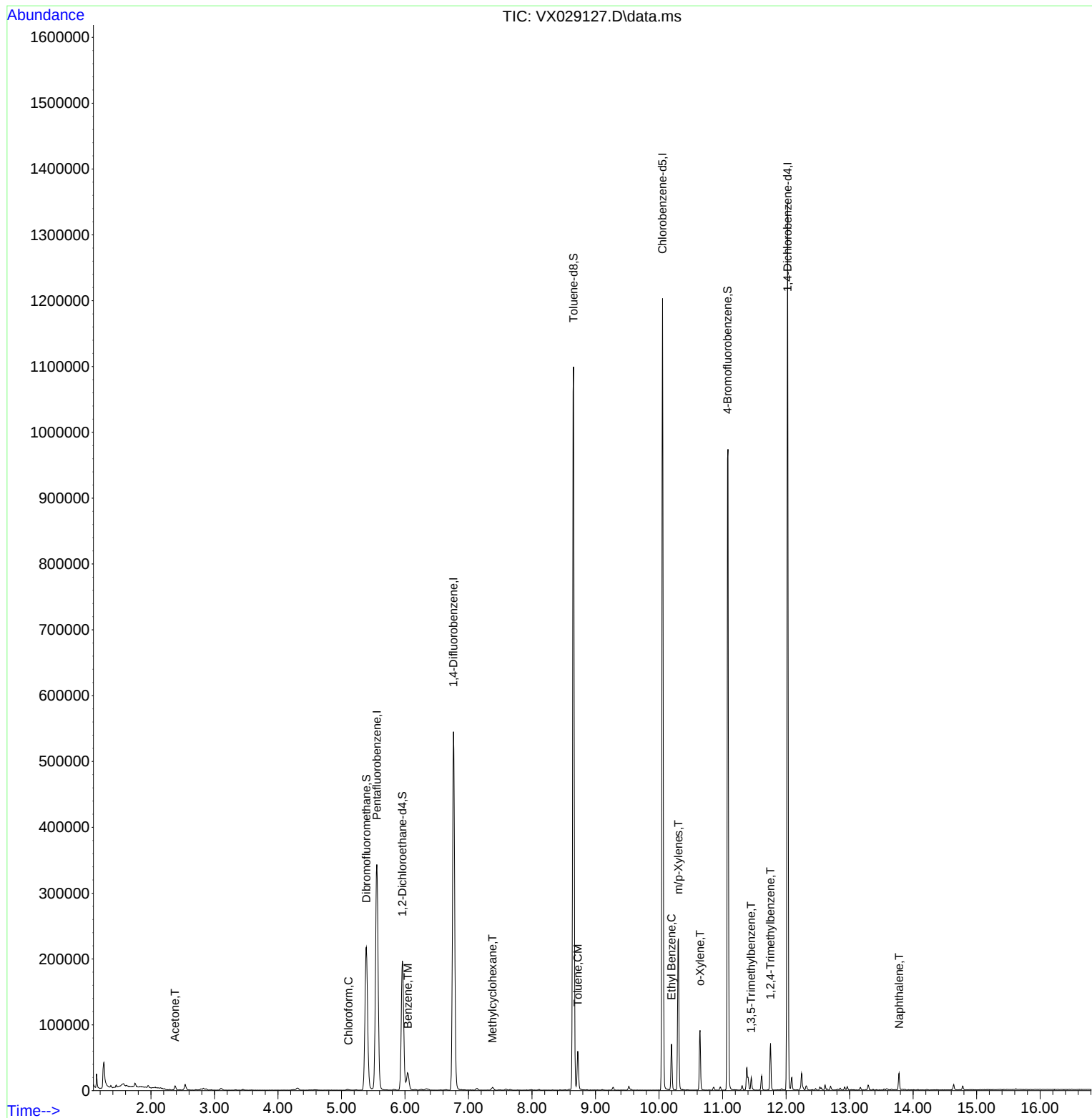
Internal Standards						
1) Pentafluorobenzene	5.556	168	358036	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	608700	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	594907	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	295163	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	186766	46.259	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	92.520%
35) Dibromofluoromethane	5.391	113	197455	48.837	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	97.680%
50) Toluene-d8	8.653	98	710159	48.025	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.040%
62) 4-Bromofluorobenzene	11.079	95	280085	48.999	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	98.000%
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	6704	4.217	ug/l	91
30) Chloroform	5.111	83	1740	0.262	ug/l #	61
39) Methylcyclohexane	7.379	83	1813	0.282	ug/l #	74
40) Benzene	6.044	78	33516	2.175	ug/l	97
52) Toluene	8.720	92	23592	2.292	ug/l	98
67) Ethyl Benzene	10.195	91	40032	1.949	ug/l	94
68) m/p-Xylenes	10.305	106	60021	7.278	ug/l	99
69) o-Xylene	10.646	106	20990	2.575	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	8489	0.500	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	32099	1.894	ug/l	97
95) Naphthalene	13.780	128	18074	0.923	ug/l	99

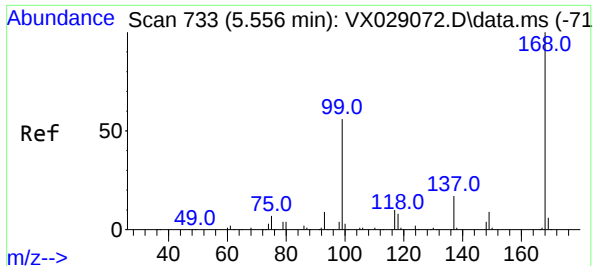
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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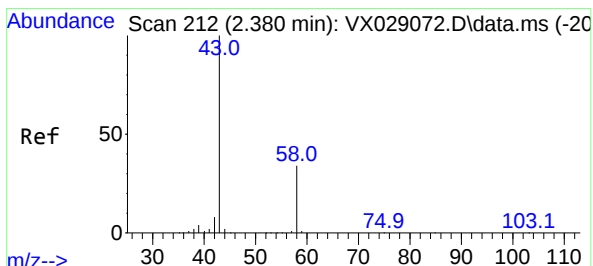
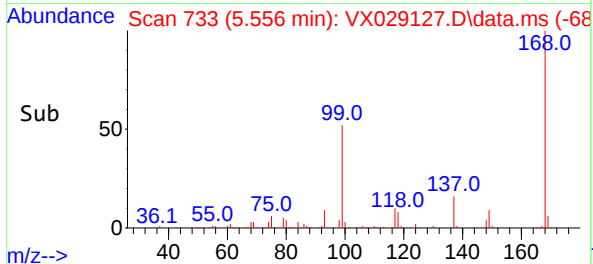
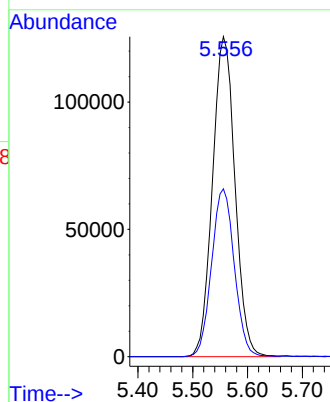
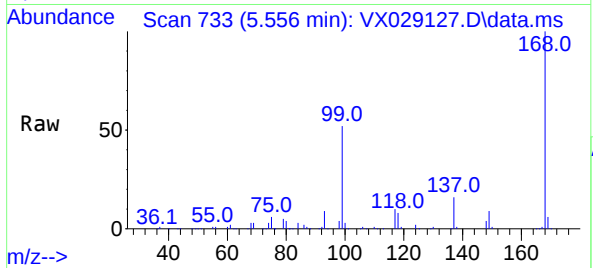




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029127.D
Acq: 01 Jun 2022 18:41

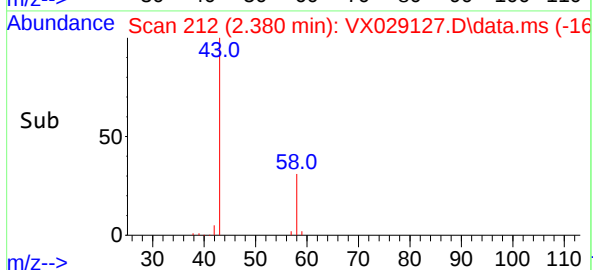
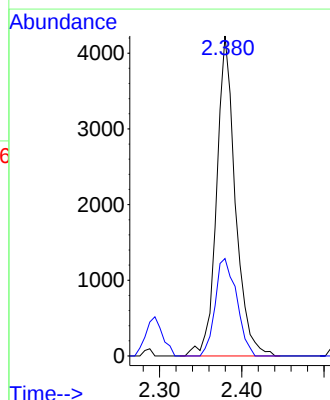
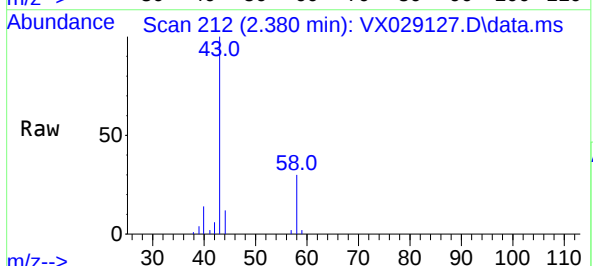
Instrument :
MSVOA_X
ClientSampleId :
MW-04

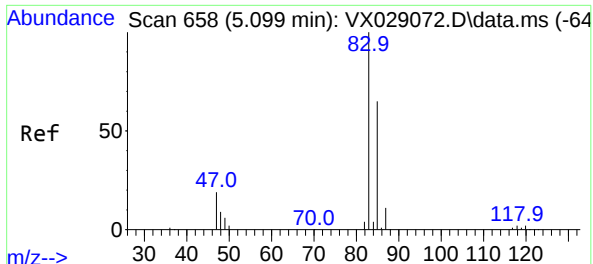
Tgt Ion:168 Resp: 358036
Ion Ratio Lower Upper
168 100
99 52.5 41.7 62.5



#16
Acetone
Concen: 4.217 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX029127.D
Acq: 01 Jun 2022 18:41

Tgt Ion: 43 Resp: 6704
Ion Ratio Lower Upper
43 100
58 30.5 28.8 43.2





#30

Chloroform

Concen: 0.262 ug/l

RT: 5.111 min Scan# 6

Delta R.T. 0.012 min

Lab File: VX029127.D

Acq: 01 Jun 2022 18:41

Instrument :

MSVOA_X

ClientSampleId :

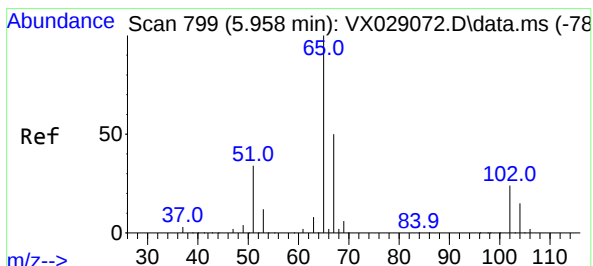
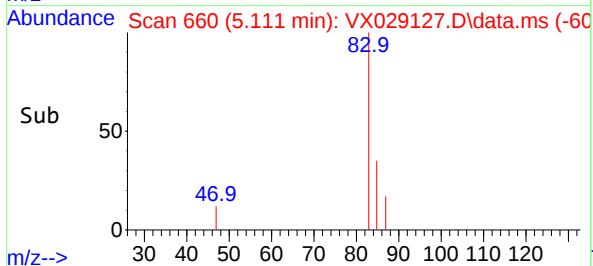
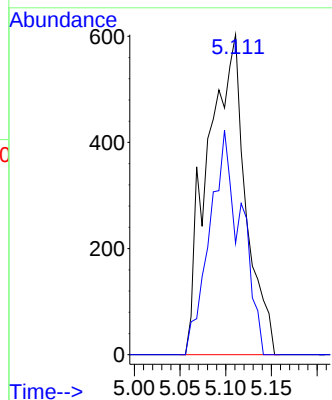
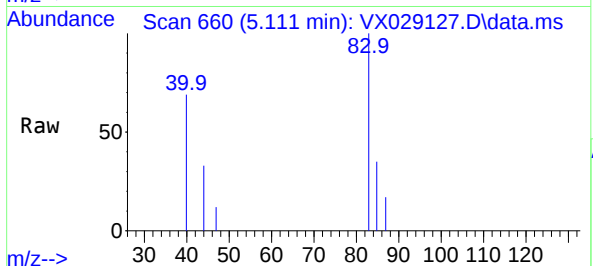
MW-04

Tgt Ion: 83 Resp: 1740

Ion Ratio Lower Upper

83 100

85 34.8 52.7 79.1#



#33

1,2-Dichloroethane-d4

Concen: 46.259 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX029127.D

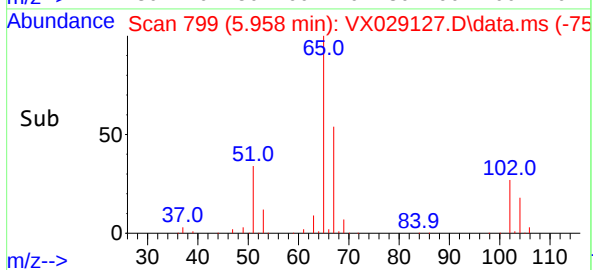
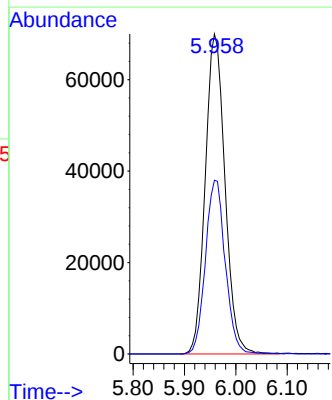
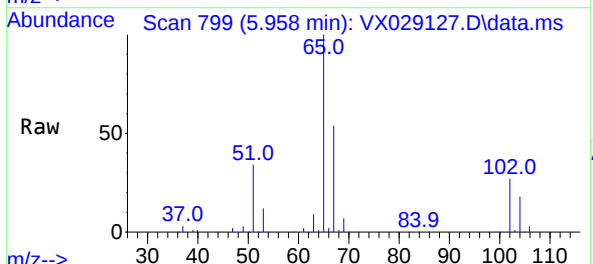
Acq: 01 Jun 2022 18:41

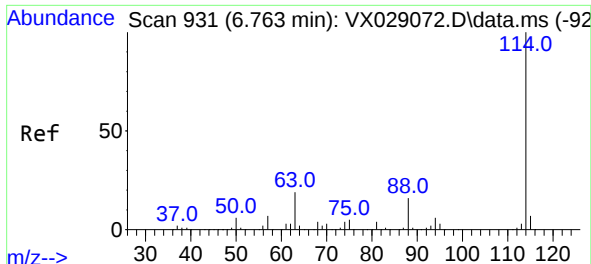
Tgt Ion: 65 Resp: 186766

Ion Ratio Lower Upper

65 100

67 54.4 0.0 107.4

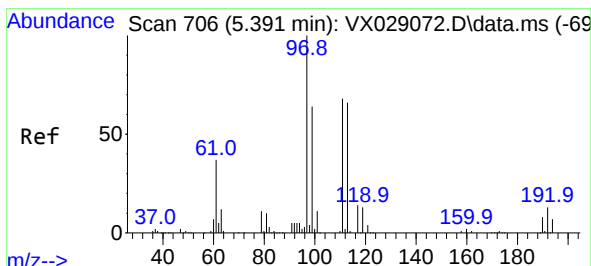
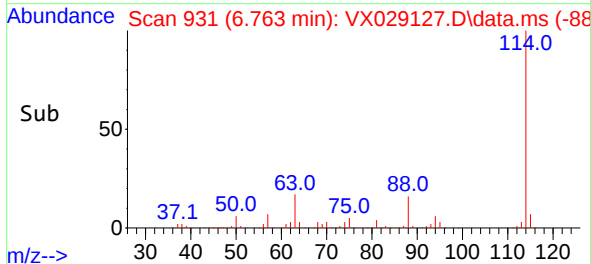
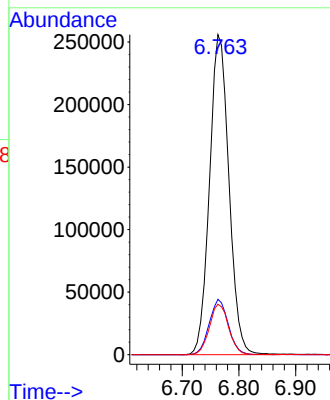
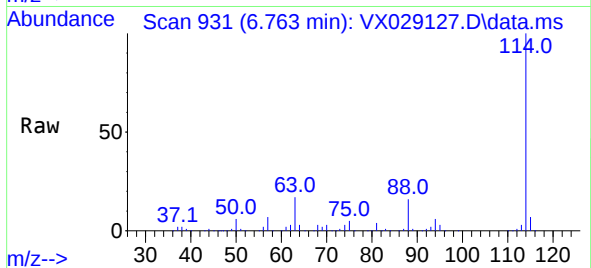




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX029127.D
Acq: 01 Jun 2022 18:41

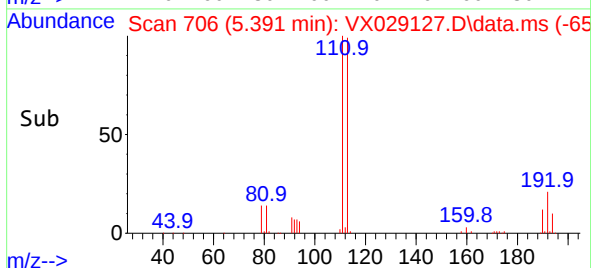
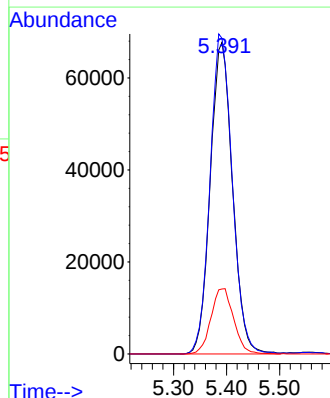
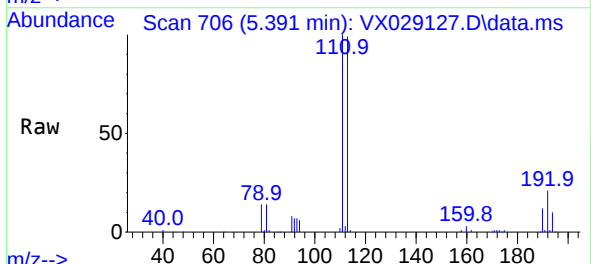
Instrument :
MSVOA_X
ClientSampleId :
MW-04

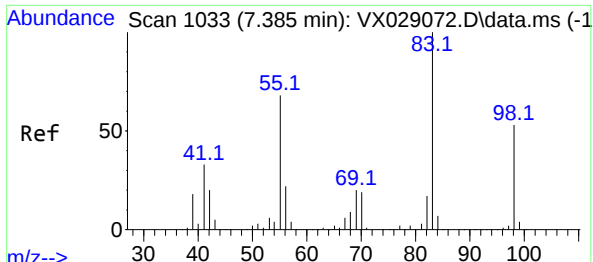
Tgt Ion:114 Resp: 608700
Ion Ratio Lower Upper
114 100
63 17.3 0.0 36.8
88 15.8 0.0 32.4



#35
Dibromofluoromethane
Concen: 48.837 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX029127.D
Acq: 01 Jun 2022 18:41

Tgt Ion:113 Resp: 197455
Ion Ratio Lower Upper
113 100
111 102.5 82.8 124.2
192 21.4 16.9 25.3





#39

Methylcyclohexane

Concen: 0.282 ug/l

RT: 7.379 min Scan# 10

Delta R.T. -0.006 min

Lab File: VX029127.D

Acq: 01 Jun 2022 18:41

Instrument :

MSVOA_X

ClientSampleId :

MW-04

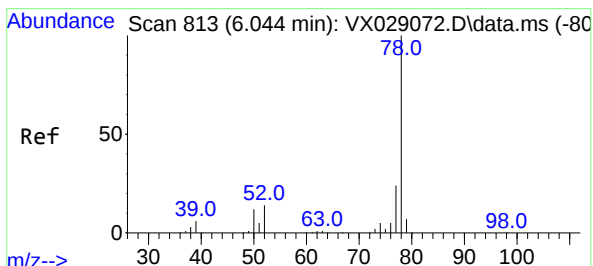
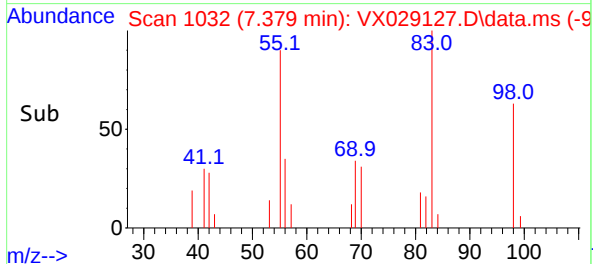
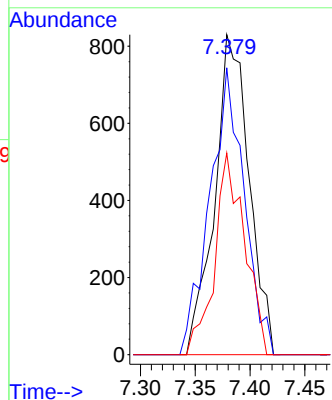
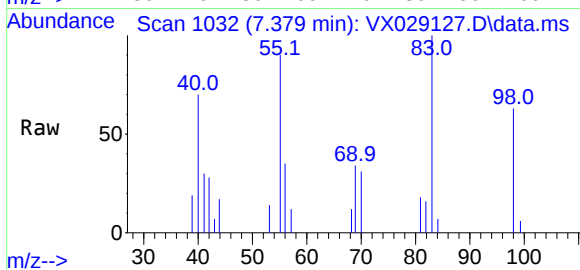
Tgt Ion: 83 Resp: 1813

Ion Ratio Lower Upper

83 100

55 89.6 54.6 81.8#

98 63.0 37.4 56.2#



#40

Benzene

Concen: 2.175 ug/l

RT: 6.044 min Scan# 813

Delta R.T. -0.000 min

Lab File: VX029127.D

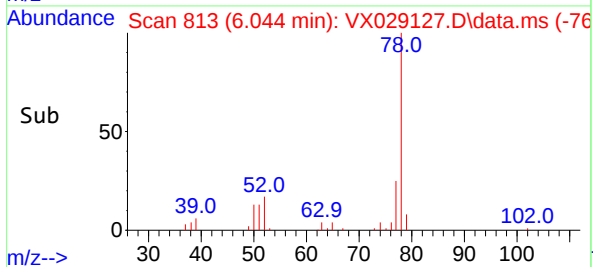
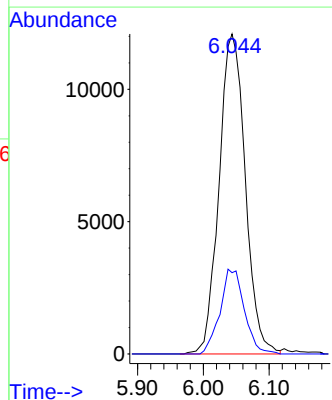
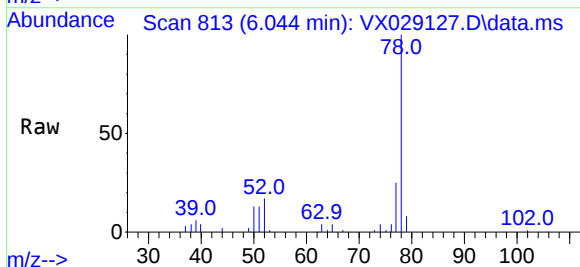
Acq: 01 Jun 2022 18:41

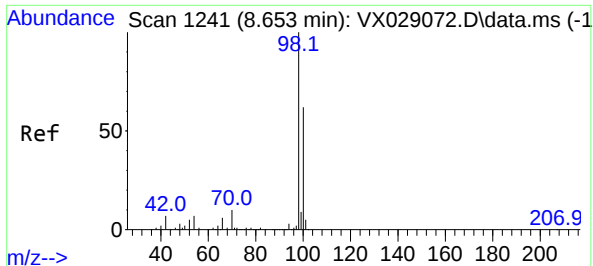
Tgt Ion: 78 Resp: 33516

Ion Ratio Lower Upper

78 100

77 25.4 19.3 28.9

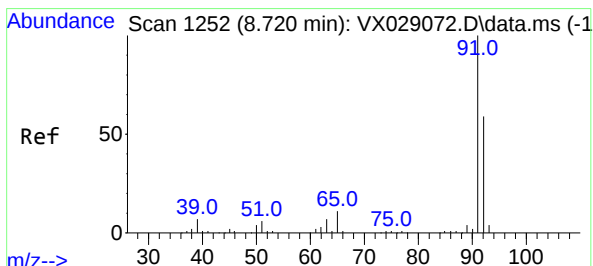
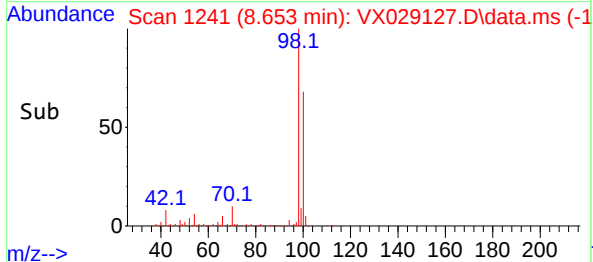
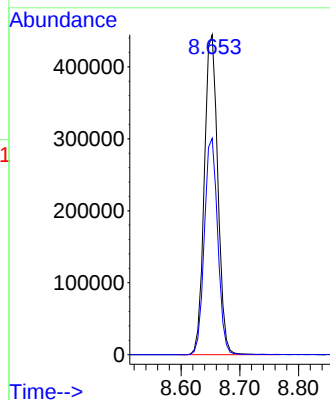
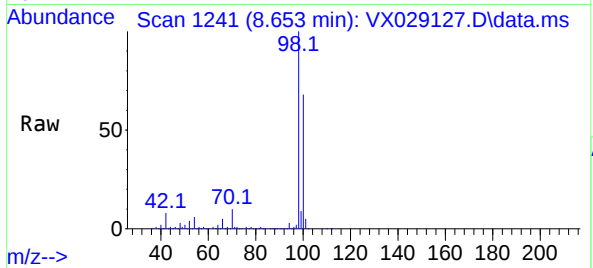




#50
Toluene-d8
Concen: 48.025 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX029127.D
Acq: 01 Jun 2022 18:41

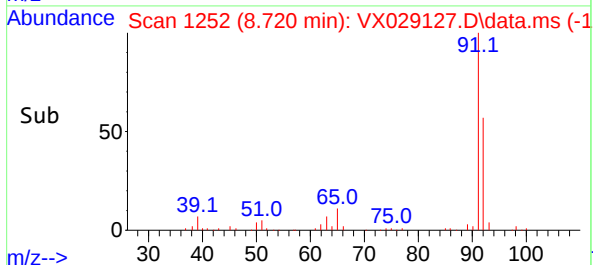
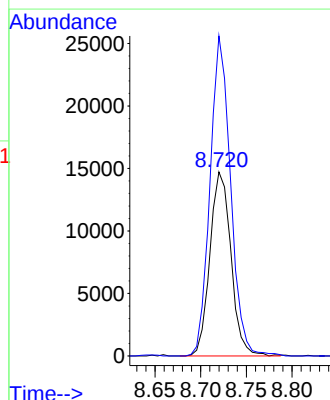
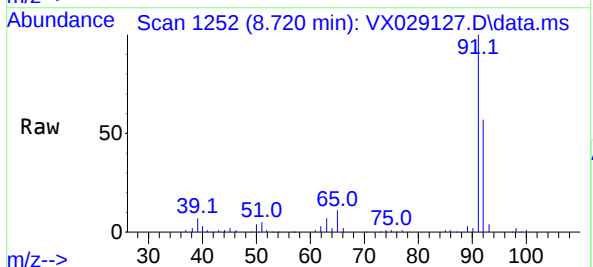
Instrument :
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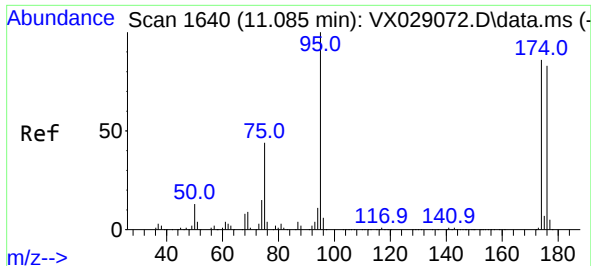
Tgt Ion: 98 Resp: 710159
Ion Ratio Lower Upper
98 100
100 67.1 52.6 78.8



#52
Toluene
Concen: 2.292 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX029127.D
Acq: 01 Jun 2022 18:41

Tgt Ion: 92 Resp: 23592
Ion Ratio Lower Upper
92 100
91 169.7 137.5 206.3

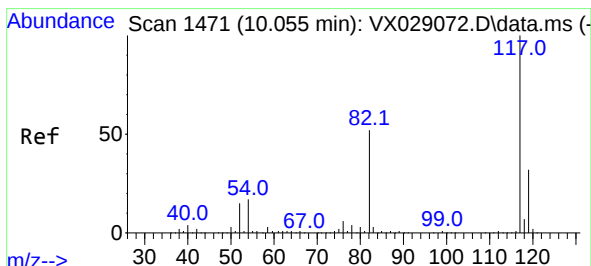
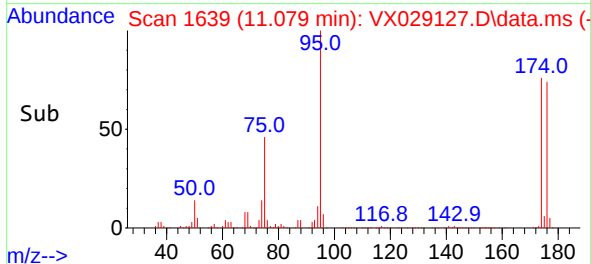
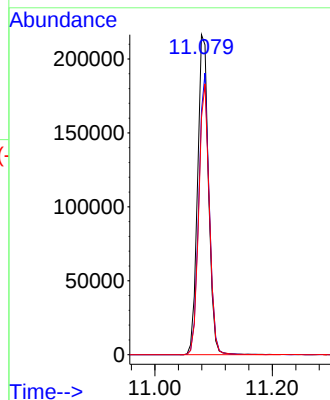
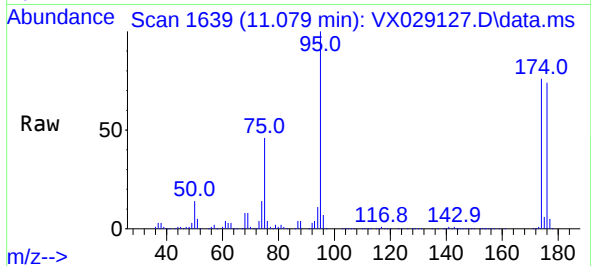




#62
4-Bromofluorobenzene
Concen: 48.999 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX029127.D
Acq: 01 Jun 2022 18:41

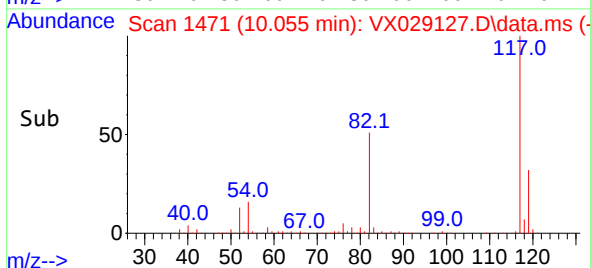
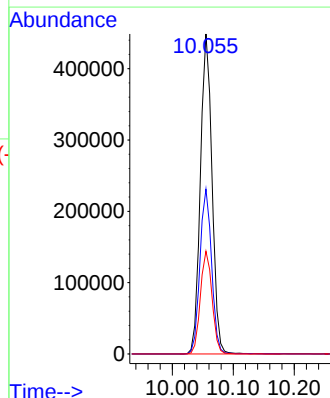
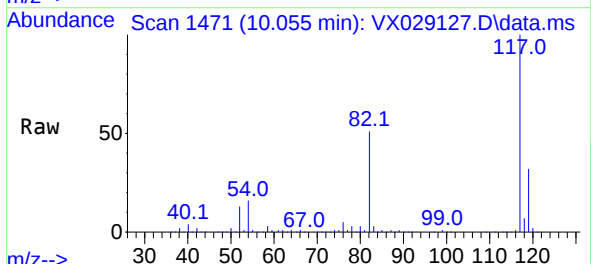
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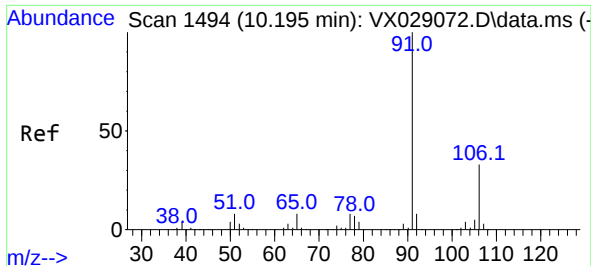
Tgt Ion: 95 Resp: 280085
Ion Ratio Lower Upper
95 100
174 84.1 0.0 163.0
176 81.6 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX029127.D
Acq: 01 Jun 2022 18:41

Tgt Ion: 117 Resp: 594907
Ion Ratio Lower Upper
117 100
82 51.5 41.8 62.8
119 32.1 24.8 37.2

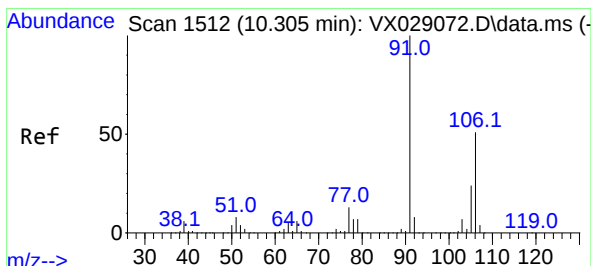
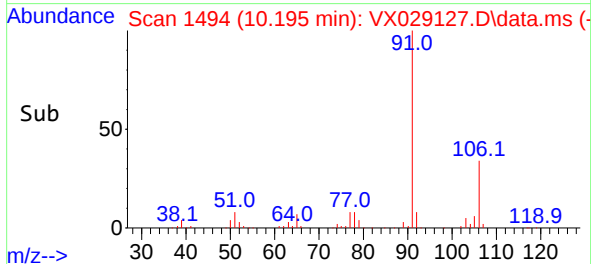
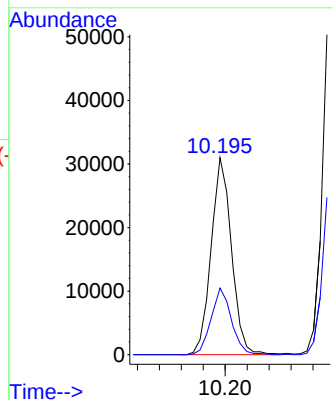
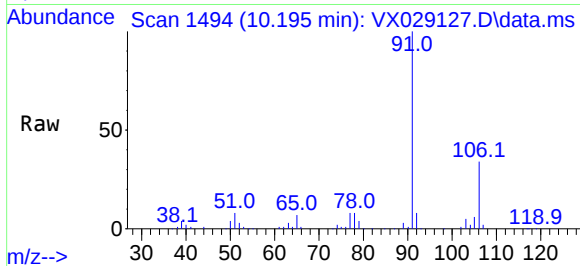




#67
Ethyl Benzene
Concen: 1.949 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX029127.D
Acq: 01 Jun 2022 18:41

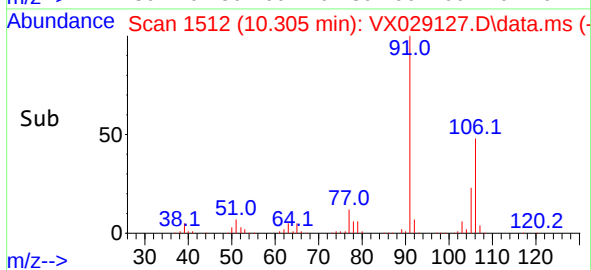
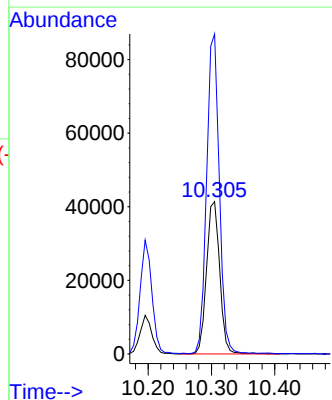
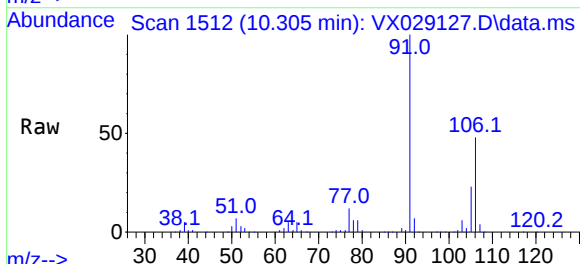
Instrument :
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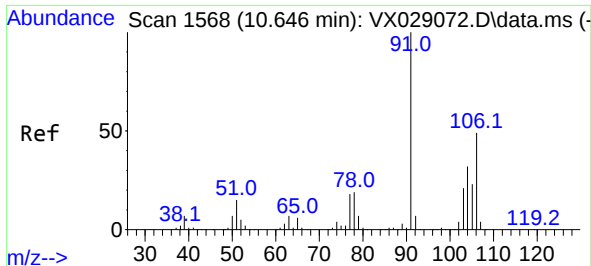
Tgt Ion: 91 Resp: 40032
Ion Ratio Lower Upper
91 100
106 33.8 24.6 36.8



#68
m/p-Xylenes
Concen: 7.278 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX029127.D
Acq: 01 Jun 2022 18:41

Tgt Ion: 106 Resp: 60021
Ion Ratio Lower Upper
106 100
91 201.3 160.4 240.6

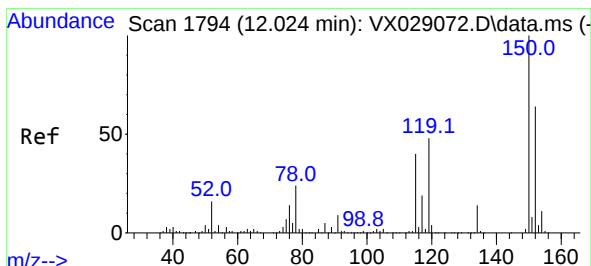
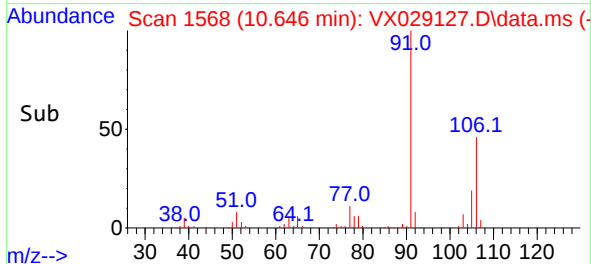
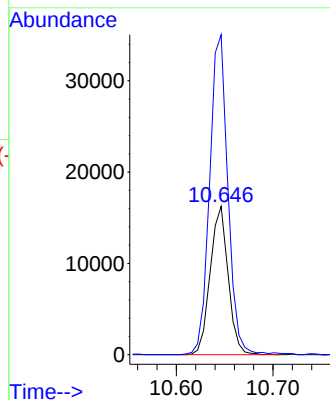
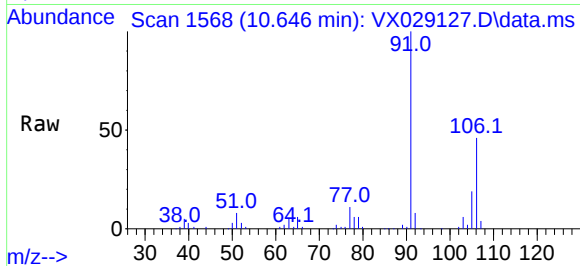




#69
o-Xylene
Concen: 2.575 ug/l
RT: 10.646 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX029127.D
Acq: 01 Jun 2022 18:41

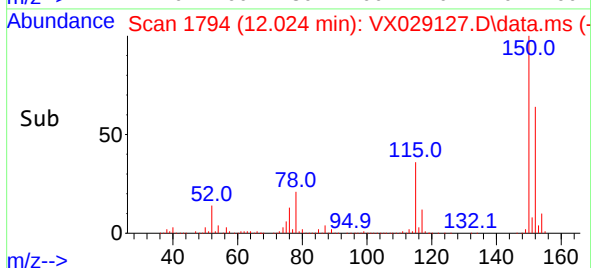
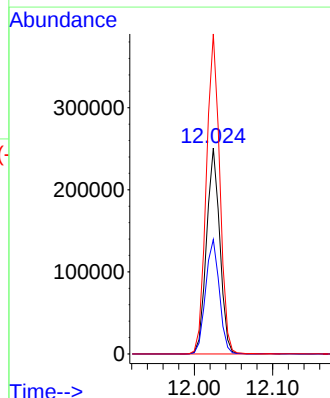
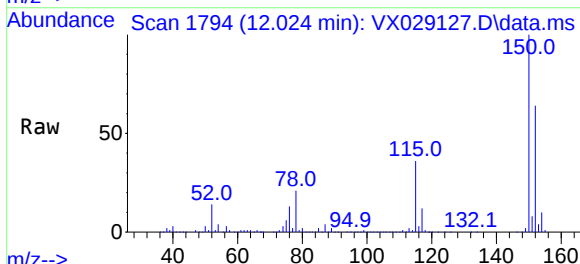
Instrument :
MSVOA_X
ClientSampleId :
MW-04

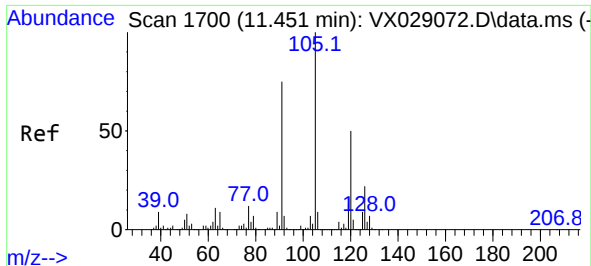
Tgt Ion:106 Resp: 20990
Ion Ratio Lower Upper
106 100
91 219.7 106.1 318.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX029127.D
Acq: 01 Jun 2022 18:41

Tgt Ion:152 Resp: 295163
Ion Ratio Lower Upper
152 100
115 57.4 37.5 112.7
150 156.8 0.0 338.2

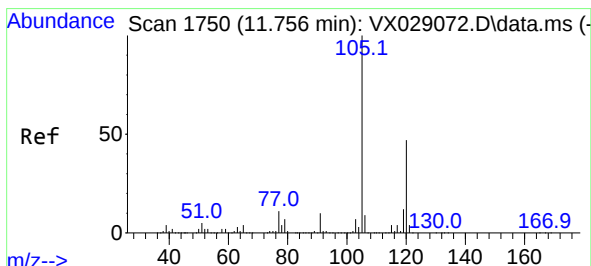
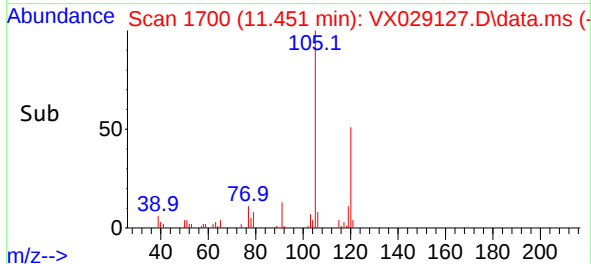
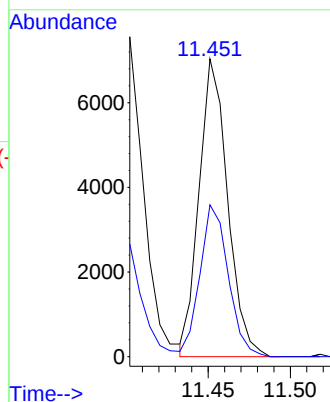
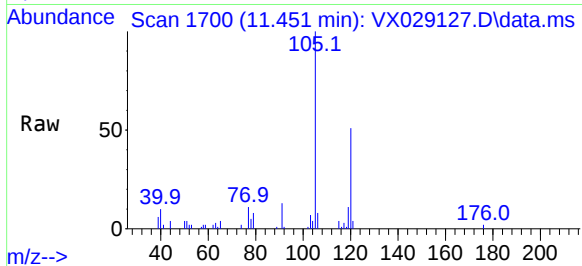




#80
1,3,5-Trimethylbenzene
Concen: 0.500 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX029127.D
Acq: 01 Jun 2022 18:41

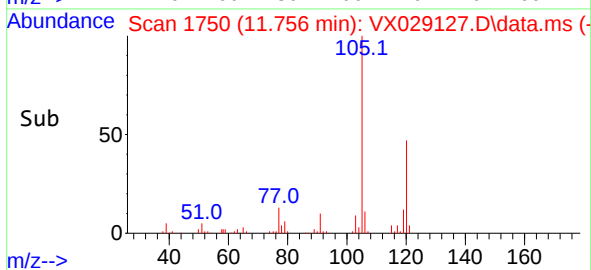
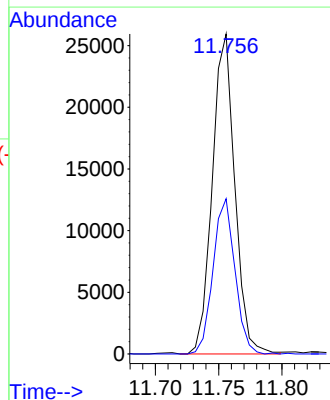
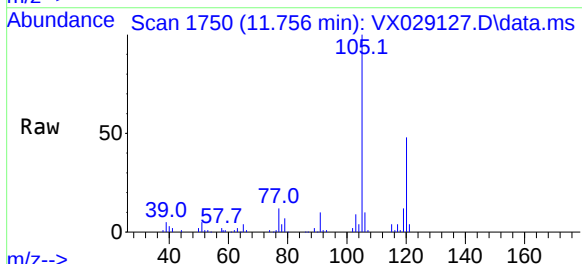
Instrument :
MSVOA_X
ClientSampleId :
MW-04

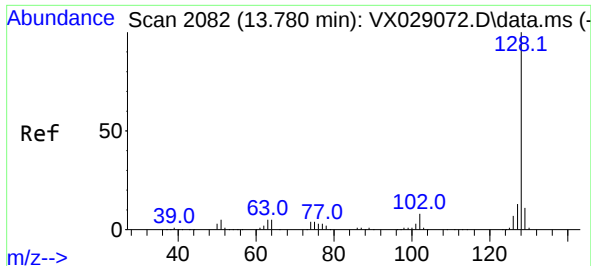
Tgt Ion:105 Resp: 8489
Ion Ratio Lower Upper
105 100
120 50.6 24.3 72.9



#84
1,2,4-Trimethylbenzene
Concen: 1.894 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX029127.D
Acq: 01 Jun 2022 18:41

Tgt Ion:105 Resp: 32099
Ion Ratio Lower Upper
105 100
120 47.2 22.6 67.8





#95

Naphthalene

Concen: 0.923 ug/l

RT: 13.780 min Scan# 2082

Delta R.T. -0.000 min

Lab File: VX029127.D

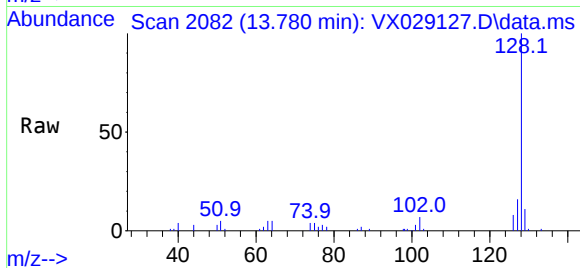
Acq: 01 Jun 2022 18:41

Instrument :

MSVOA_X

ClientSampleId :

MW-04



Tgt Ion:128 Resp: 18074

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.4

129 11.3 8.7 13.1

