

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062022\
 Data File : VX029631.D
 Acq On : 20 Jun 2022 18:23
 Operator : JC/MD
 Sample : N3339-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WC-GW-20220613

Quant Time: Jun 21 01:52:55 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)

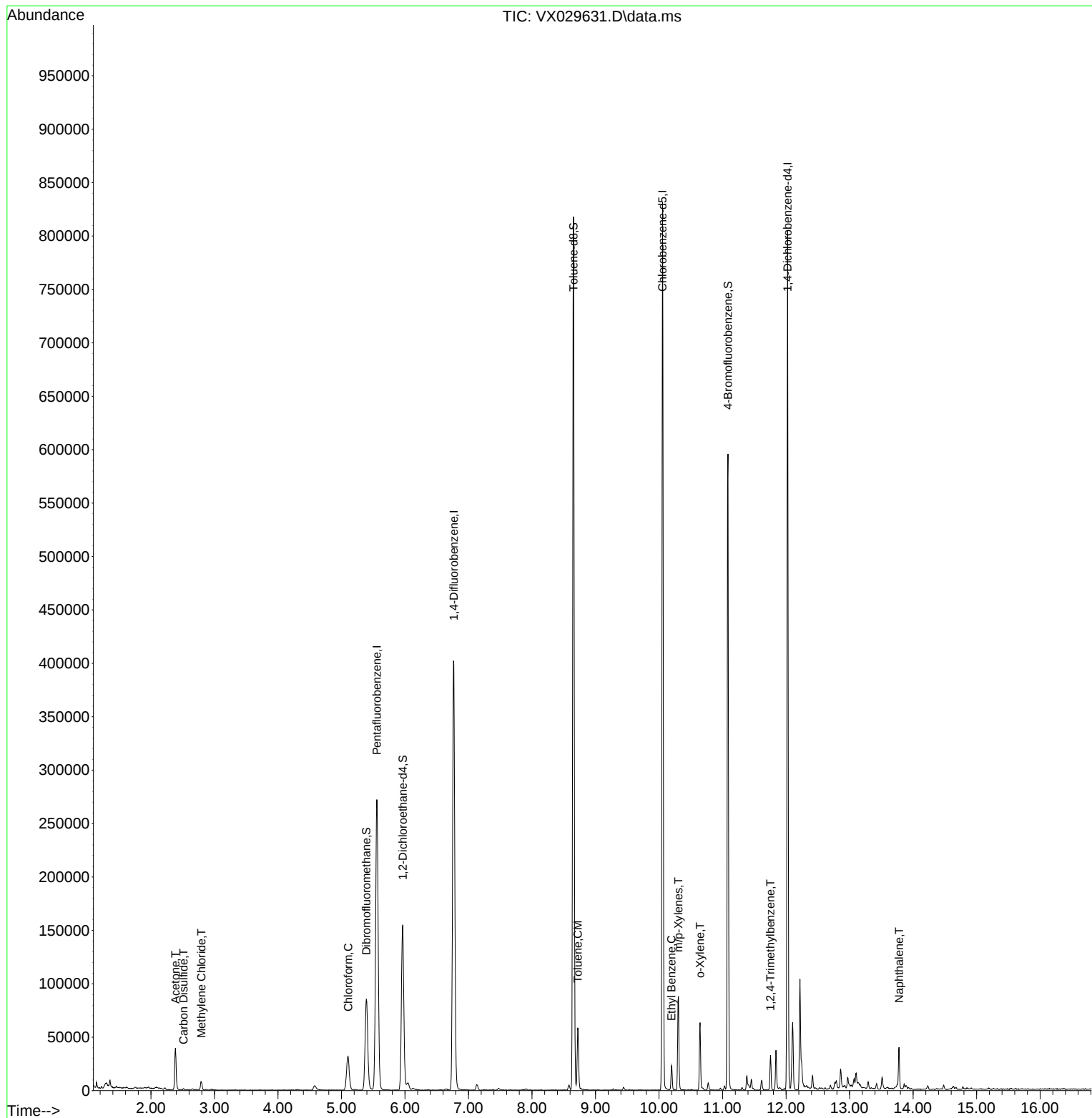
Internal Standards						
1) Pentafluorobenzene	5.556	168	260676	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	435384	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	378396	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	160985	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	148233	42.958	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	85.920%
35) Dibromofluoromethane	5.391	113	77381	27.272	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	54.540%#
50) Toluene-d8	8.652	98	494097	47.668	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.340%
62) 4-Bromofluorobenzene	11.085	95	174932	44.752	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.500%
Target Compounds						
					Qvalue	
16) Acetone	2.385	43	40581	29.505	ug/l	100
17) Carbon Disulfide	2.513	76	1564	0.228	ug/l #	95
20) Methylene Chloride	2.794	84	3798	1.240	ug/l	97
30) Chloroform	5.104	83	40382	7.522	ug/l	97
52) Toluene	8.720	92	22993	3.154	ug/l	100
67) Ethyl Benzene	10.195	91	14181	1.062	ug/l	99
68) m/p-Xylenes	10.305	106	20842	4.001	ug/l	93
69) o-Xylene	10.646	106	13843	2.690	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	14337	1.414	ug/l	94
95) Naphthalene	13.780	128	24340	2.155	ug/l	99

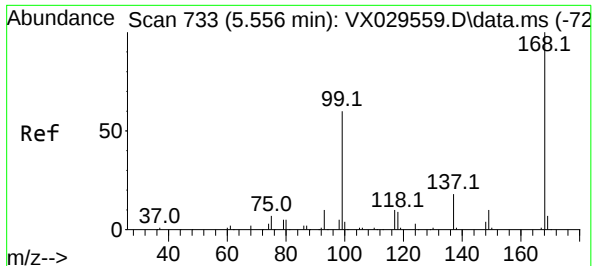
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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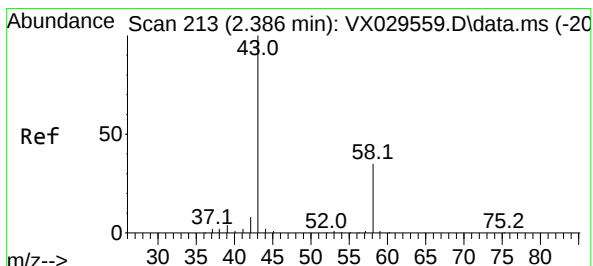
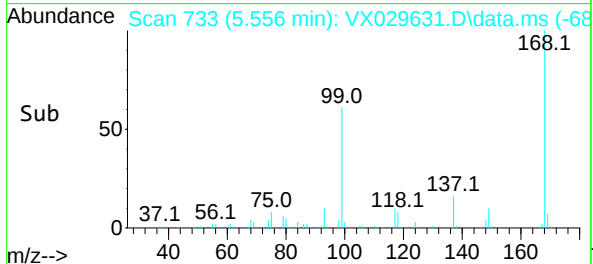
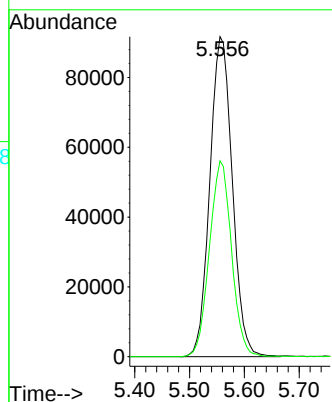
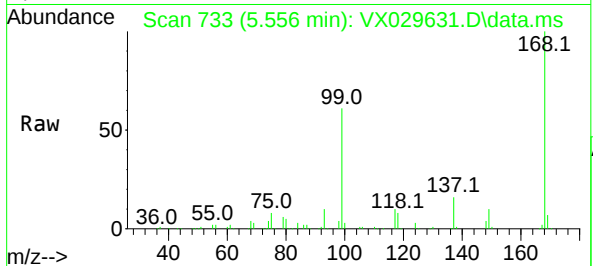




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029631.D
Acq: 20 Jun 2022 18:23

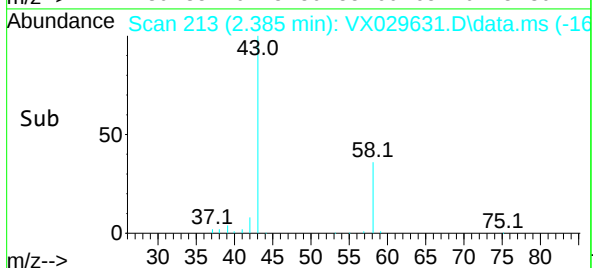
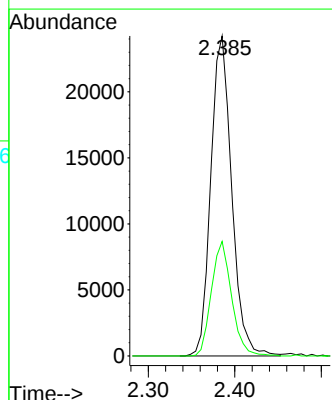
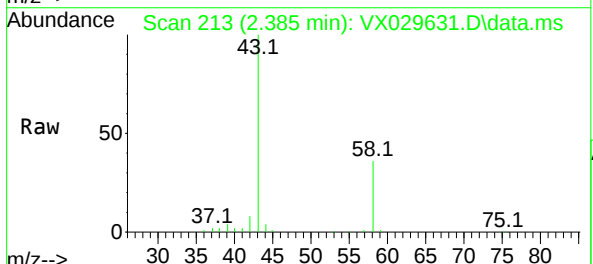
Instrument :
MSVOA_X
ClientSampleId :
WC-GW-20220613

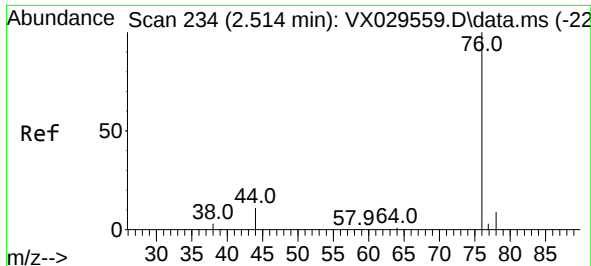
Tgt Ion:168 Resp: 260676
Ion Ratio Lower Upper
168 100
99 61.2 41.7 62.5



#16
Acetone
Concen: 29.505 ug/l
RT: 2.385 min Scan# 213
Delta R.T. -0.001 min
Lab File: VX029631.D
Acq: 20 Jun 2022 18:23

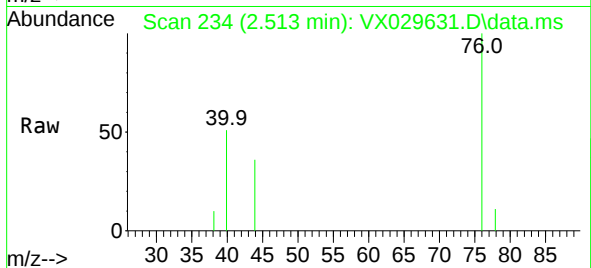
Tgt Ion: 43 Resp: 40581
Ion Ratio Lower Upper
43 100
58 35.8 28.8 43.2



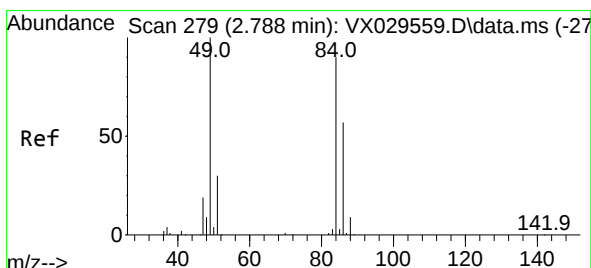
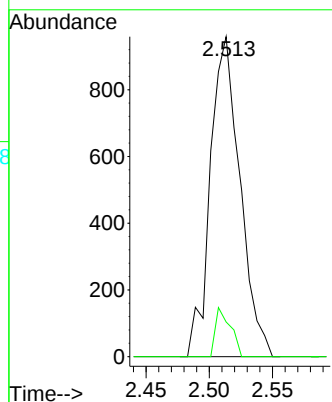
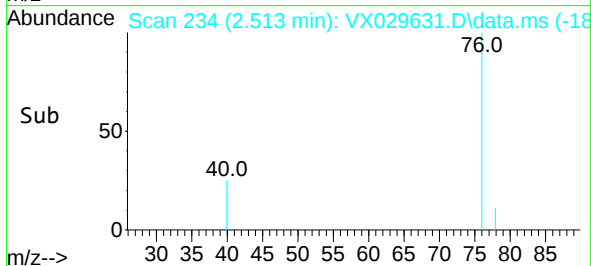


#17
Carbon Disulfide
Concen: 0.228 ug/l
RT: 2.513 min Scan# 21
Delta R.T. -0.001 min
Lab File: VX029631.D
Acq: 20 Jun 2022 18:23

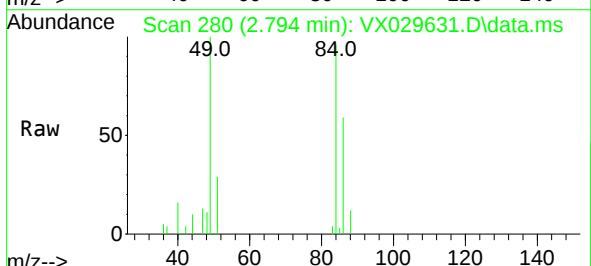
Instrument :
MSVOA_X
ClientSampleId :
WC-GW-20220613



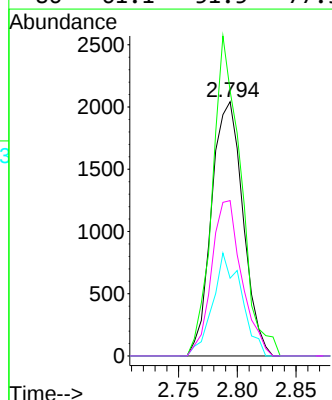
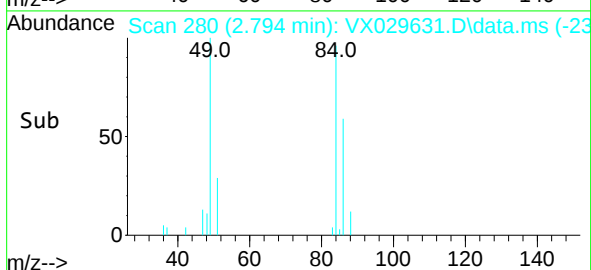
Tgt Ion: 76 Resp: 1564
Ion Ratio Lower Upper
76 100
78 10.8 7.2 10.8#

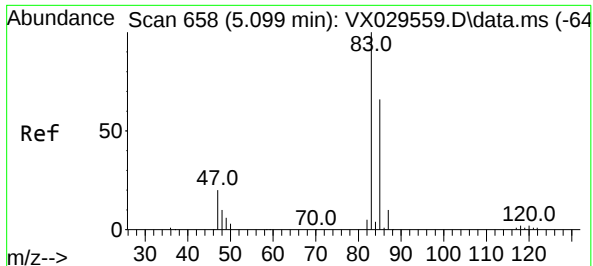


#20
Methylene Chloride
Concen: 1.240 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX029631.D
Acq: 20 Jun 2022 18:23



Tgt Ion: 84 Resp: 3798
Ion Ratio Lower Upper
84 100
49 104.2 85.5 128.3
51 30.6 26.6 39.8
86 61.1 51.5 77.3





#30

Chloroform

Concen: 7.522 ug/l

RT: 5.104 min Scan# 61

Delta R.T. 0.005 min

Lab File: VX029631.D

Acq: 20 Jun 2022 18:23

Instrument :

MSVOA_X

ClientSampleId :

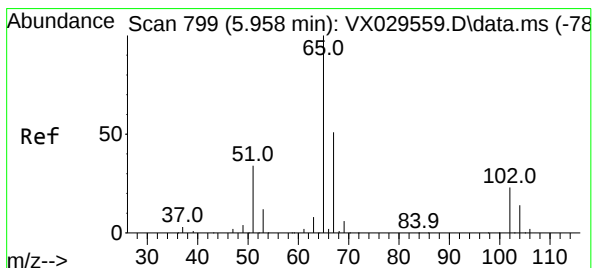
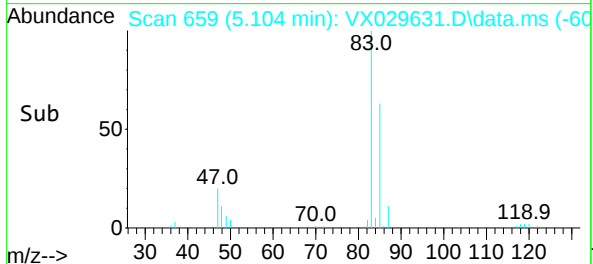
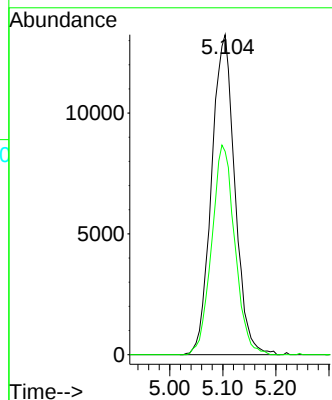
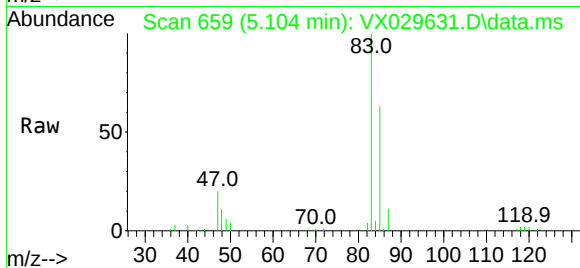
WC-GW-20220613

Tgt Ion: 83 Resp: 40382

Ion Ratio Lower Upper

83 100

85 63.5 52.7 79.1



#33

1,2-Dichloroethane-d4

Concen: 42.958 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.006 min

Lab File: VX029631.D

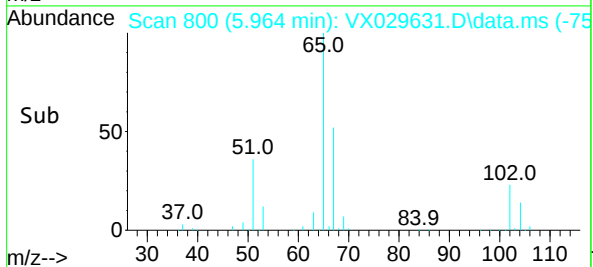
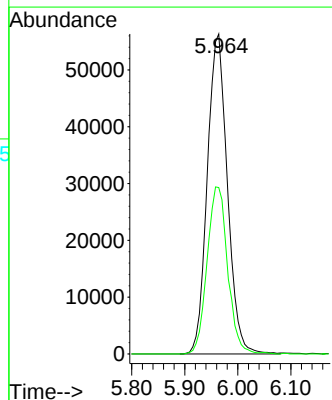
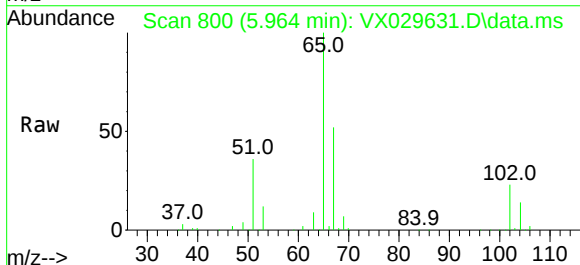
Acq: 20 Jun 2022 18:23

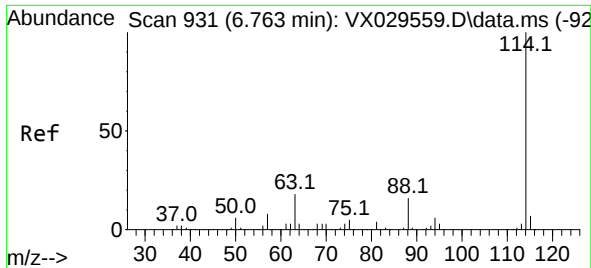
Tgt Ion: 65 Resp: 148233

Ion Ratio Lower Upper

65 100

67 53.3 0.0 107.4

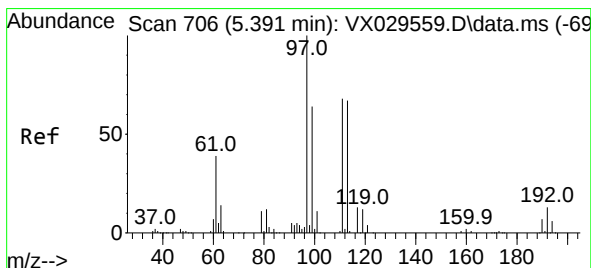
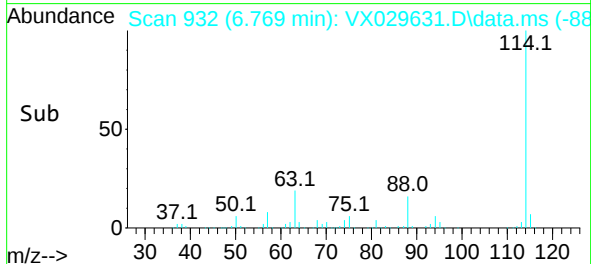
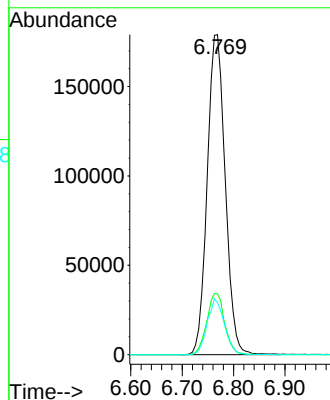
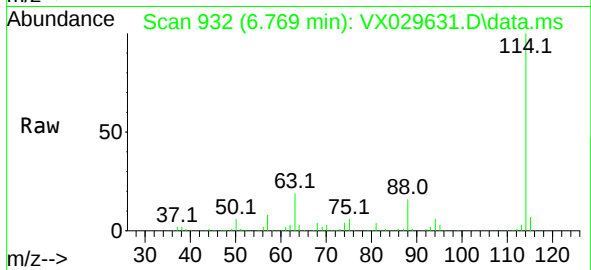




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX029631.D
Acq: 20 Jun 2022 18:23

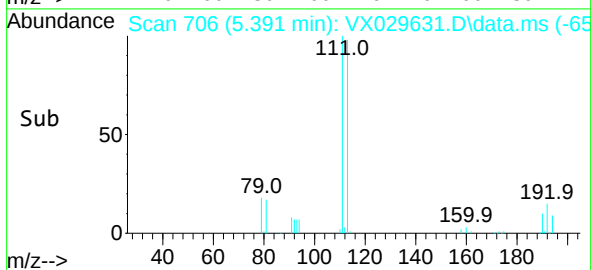
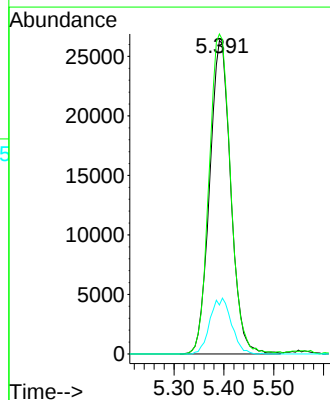
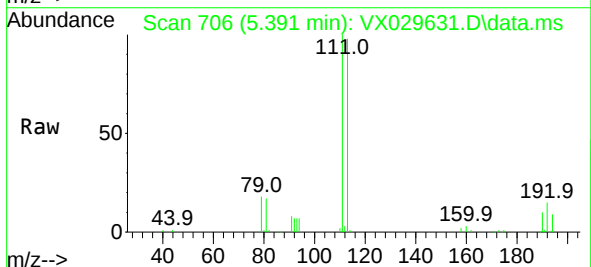
Instrument :
MSVOA_X
ClientSampleId :
WC-GW-20220613

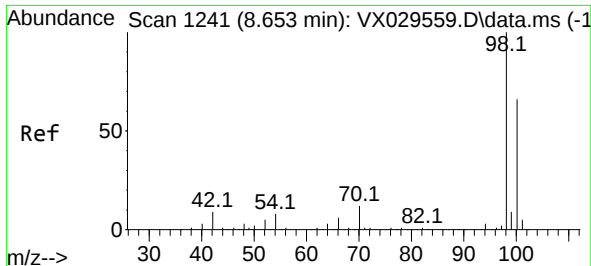
Tgt Ion:114 Resp: 435384
Ion Ratio Lower Upper
114 100
63 19.1 0.0 36.8
88 16.3 0.0 32.4



#35
Dibromofluoromethane
Concen: 27.272 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX029631.D
Acq: 20 Jun 2022 18:23

Tgt Ion:113 Resp: 77381
Ion Ratio Lower Upper
113 100
111 104.2 82.8 124.2
192 18.1 16.9 25.3

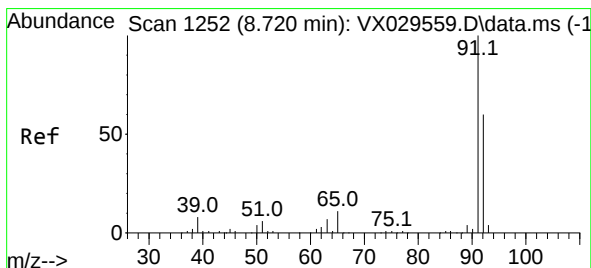
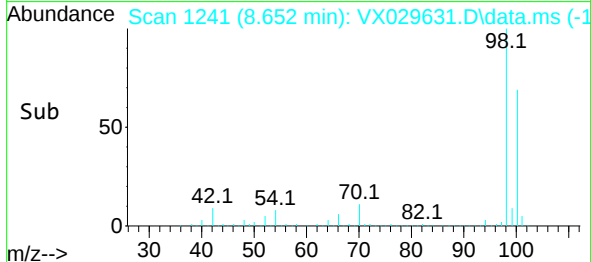
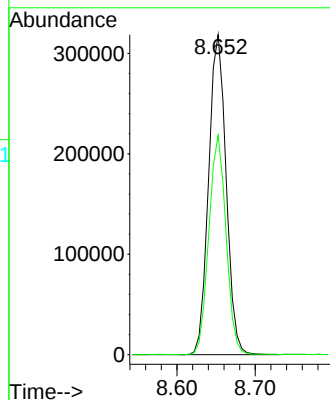
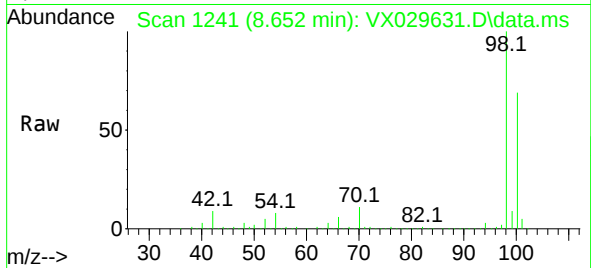




#50
Toluene-d8
Concen: 47.668 ug/l
RT: 8.652 min Scan# 11
Delta R.T. -0.001 min
Lab File: VX029631.D
Acq: 20 Jun 2022 18:23

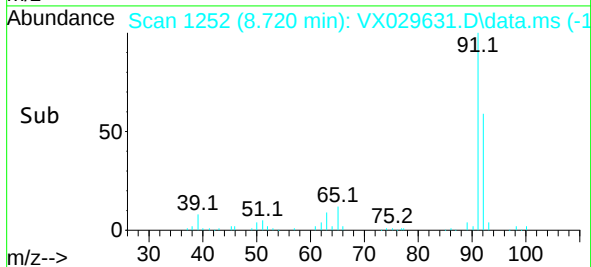
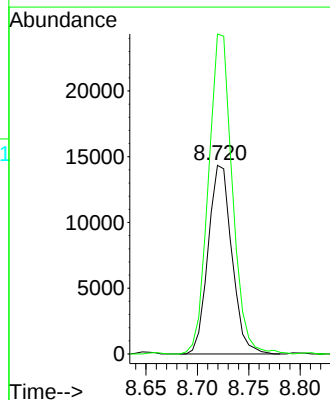
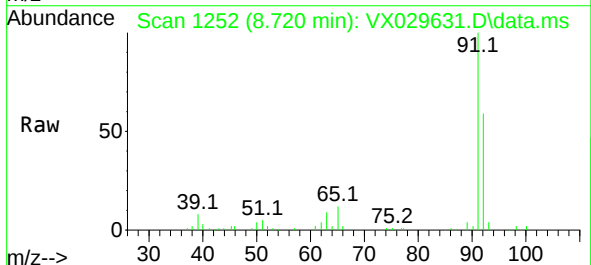
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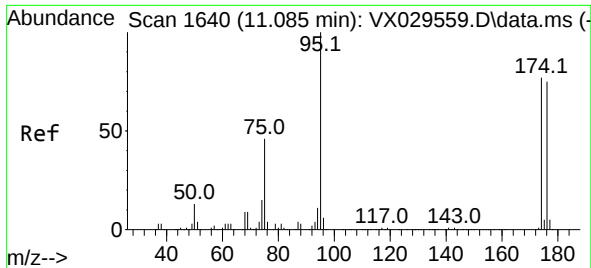
Tgt Ion: 98 Resp: 494097
Ion Ratio Lower Upper
98 100
100 67.5 52.6 78.8



#52
Toluene
Concen: 3.154 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX029631.D
Acq: 20 Jun 2022 18:23

Tgt Ion: 92 Resp: 22993
Ion Ratio Lower Upper
92 100
91 171.2 137.5 206.3

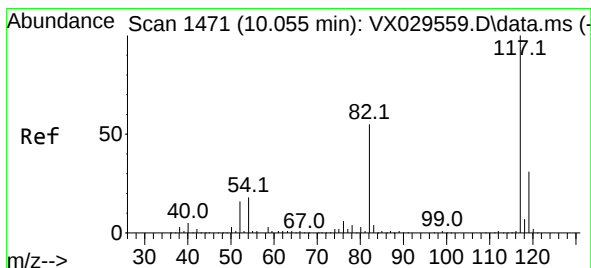
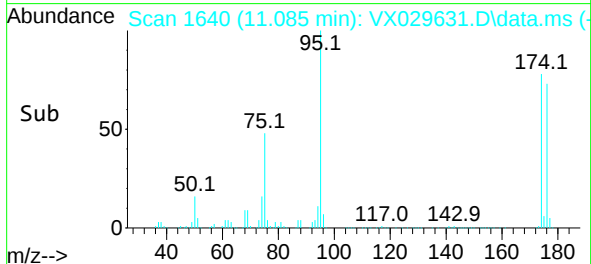
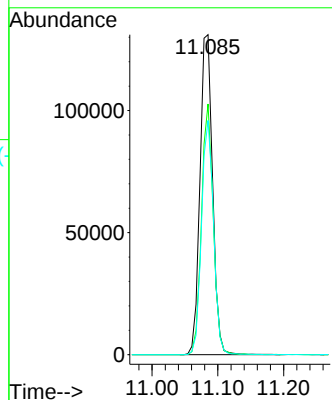
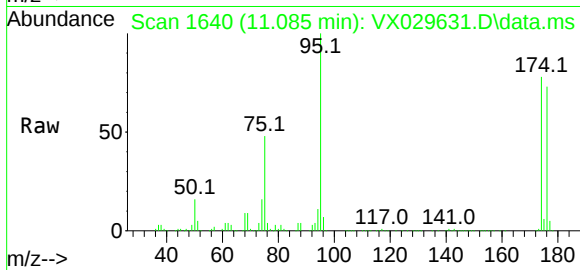




#62
4-Bromofluorobenzene
Concen: 44.752 ug/l
RT: 11.085 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX029631.D
Acq: 20 Jun 2022 18:23

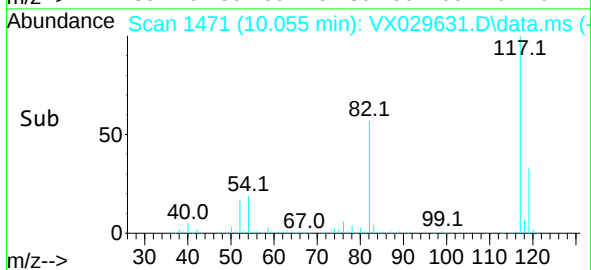
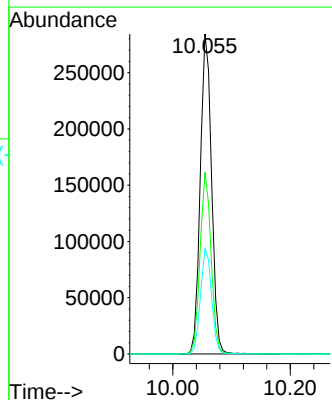
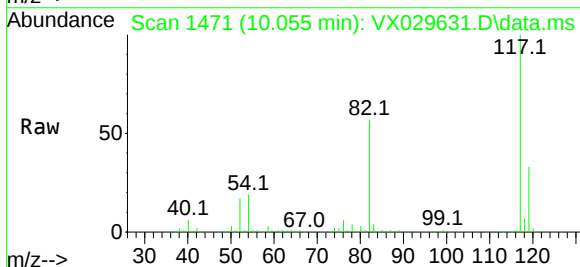
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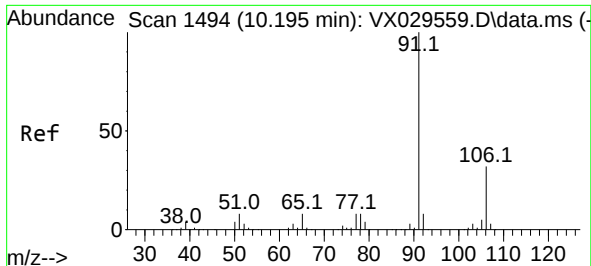
Tgt Ion: 95 Resp: 174932
Ion Ratio Lower Upper
95 100
174 72.8 0.0 163.0
176 69.8 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX029631.D
Acq: 20 Jun 2022 18:23

Tgt Ion: 117 Resp: 378396
Ion Ratio Lower Upper
117 100
82 56.8 41.8 62.8
119 32.9 24.8 37.2





#67

Ethyl Benzene

Concen: 1.062 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. -0.000 min

Lab File: VX029631.D

Acq: 20 Jun 2022 18:23

Instrument :

MSVOA_X

ClientSampleId :

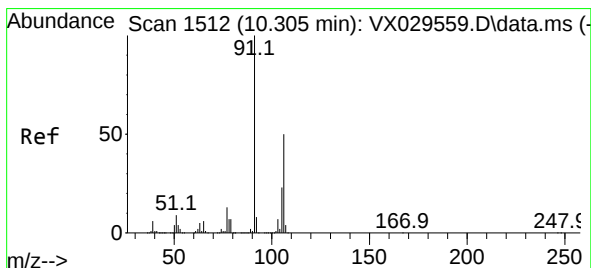
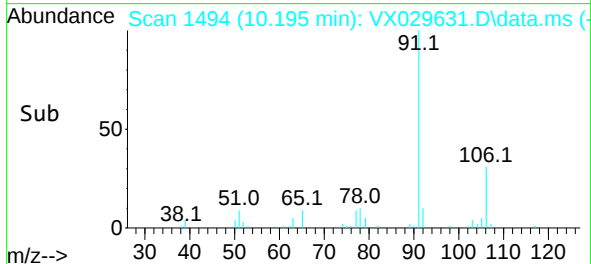
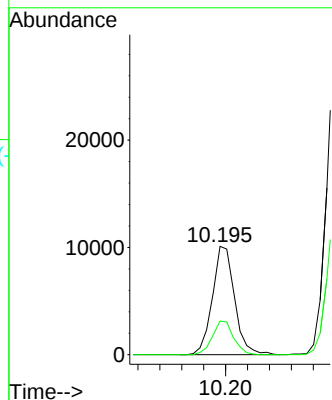
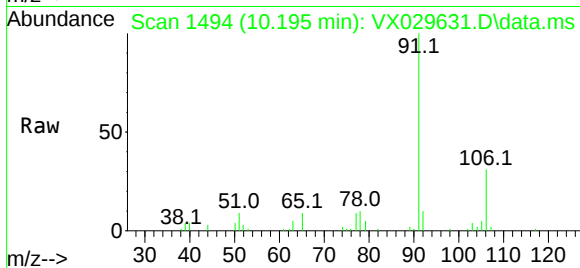
WC-GW-20220613

Tgt Ion: 91 Resp: 14181

Ion Ratio Lower Upper

91 100

106 31.0 24.6 36.8



#68

m/p-Xylenes

Concen: 4.001 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. -0.000 min

Lab File: VX029631.D

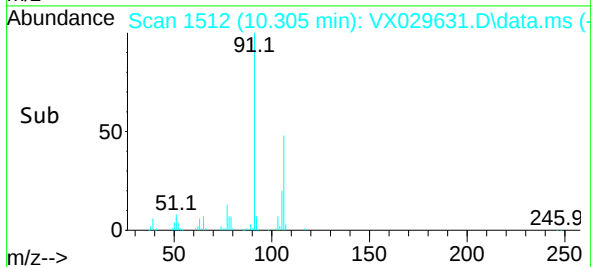
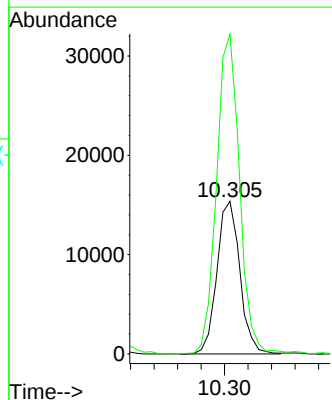
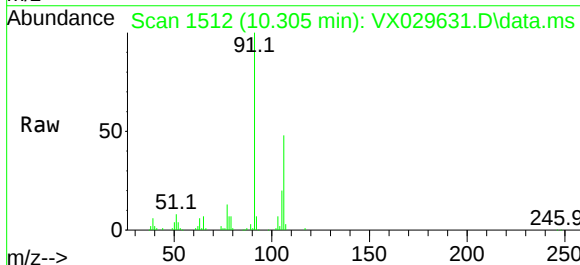
Acq: 20 Jun 2022 18:23

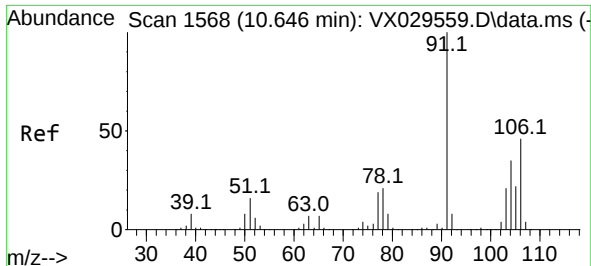
Tgt Ion: 106 Resp: 20842

Ion Ratio Lower Upper

106 100

91 211.1 160.4 240.6

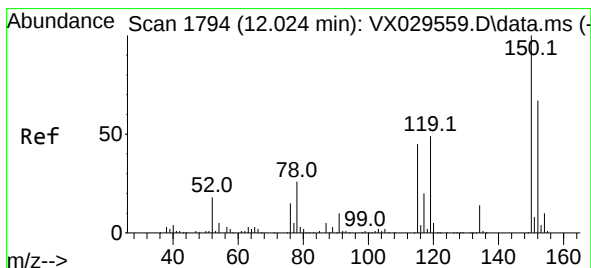
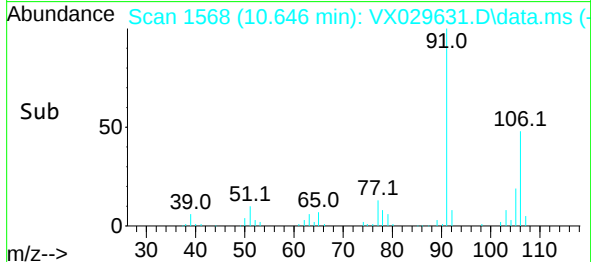
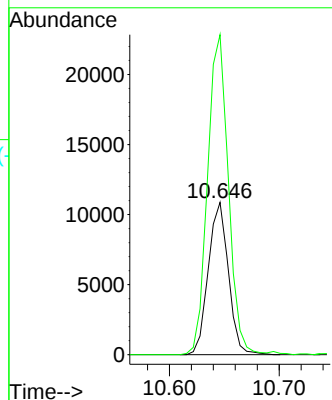
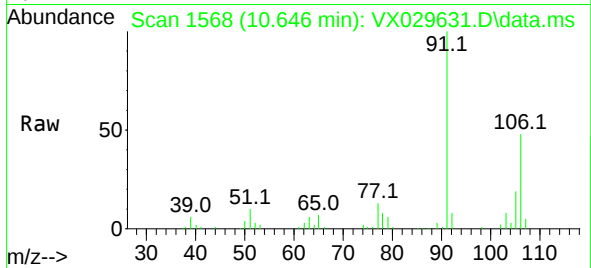




#69
o-Xylene
Concen: 2.690 ug/l
RT: 10.646 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX029631.D
Acq: 20 Jun 2022 18:23

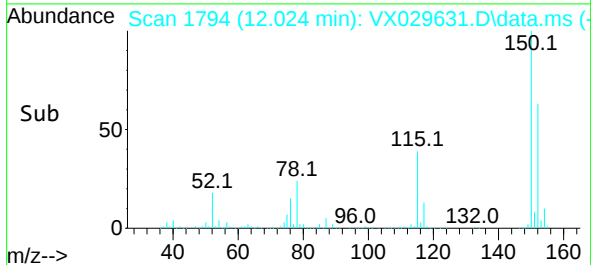
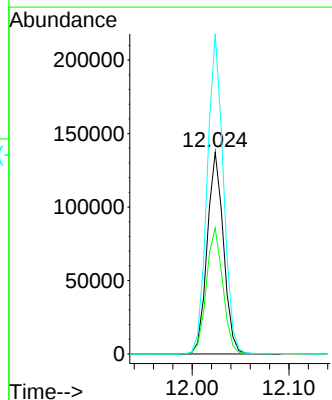
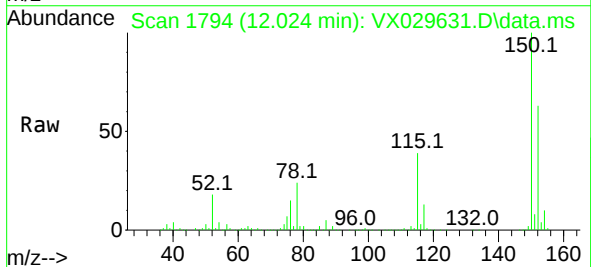
Instrument :
MSVOA_X
ClientSampleId :
WC-GW-20220613

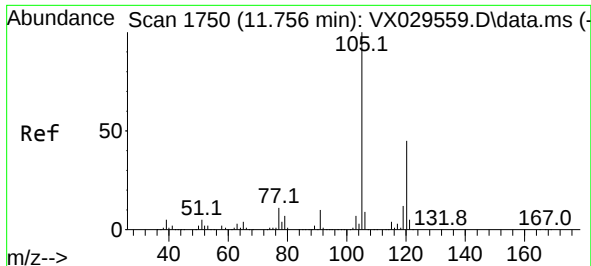
Tgt Ion:106 Resp: 13843
Ion Ratio Lower Upper
106 100
91 218.3 106.1 318.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX029631.D
Acq: 20 Jun 2022 18:23

Tgt Ion:152 Resp: 160985
Ion Ratio Lower Upper
152 100
115 63.2 37.5 112.7
150 157.8 0.0 338.2

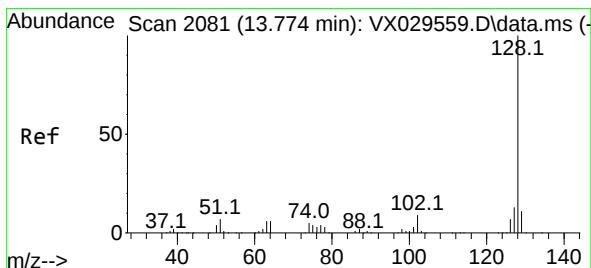
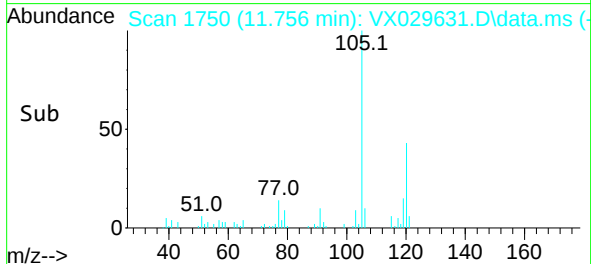
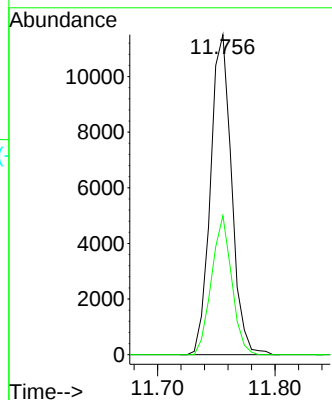
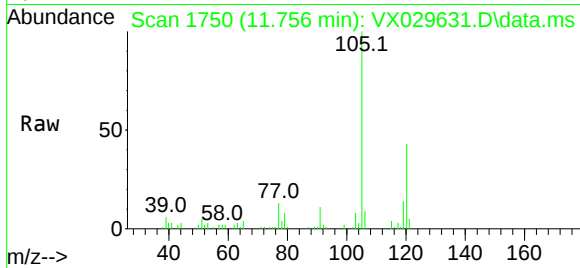




#84
1,2,4-Trimethylbenzene
Concen: 1.414 ug/l
RT: 11.756 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029631.D
Acq: 20 Jun 2022 18:23

Instrument :
MSVOA_X
ClientSampleId :
WC-GW-20220613

Tgt Ion:105 Resp: 14337
Ion Ratio Lower Upper
105 100
120 41.3 22.6 67.8



#95
Naphthalene
Concen: 2.155 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX029631.D
Acq: 20 Jun 2022 18:23

Tgt Ion:128 Resp: 24340
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.4
129 10.1 8.7 13.1

