

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122923\
 Data File : VD078109.D
 Acq On : 29 Dec 2023 15:37
 Operator : RP/MD
 Sample : 06039-01
 Misc : 8.71G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EC48-NORTH

Quant Time: Dec 29 22:36:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122623S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 27 03:40:16 2023
 Response via : Initial Calibration

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

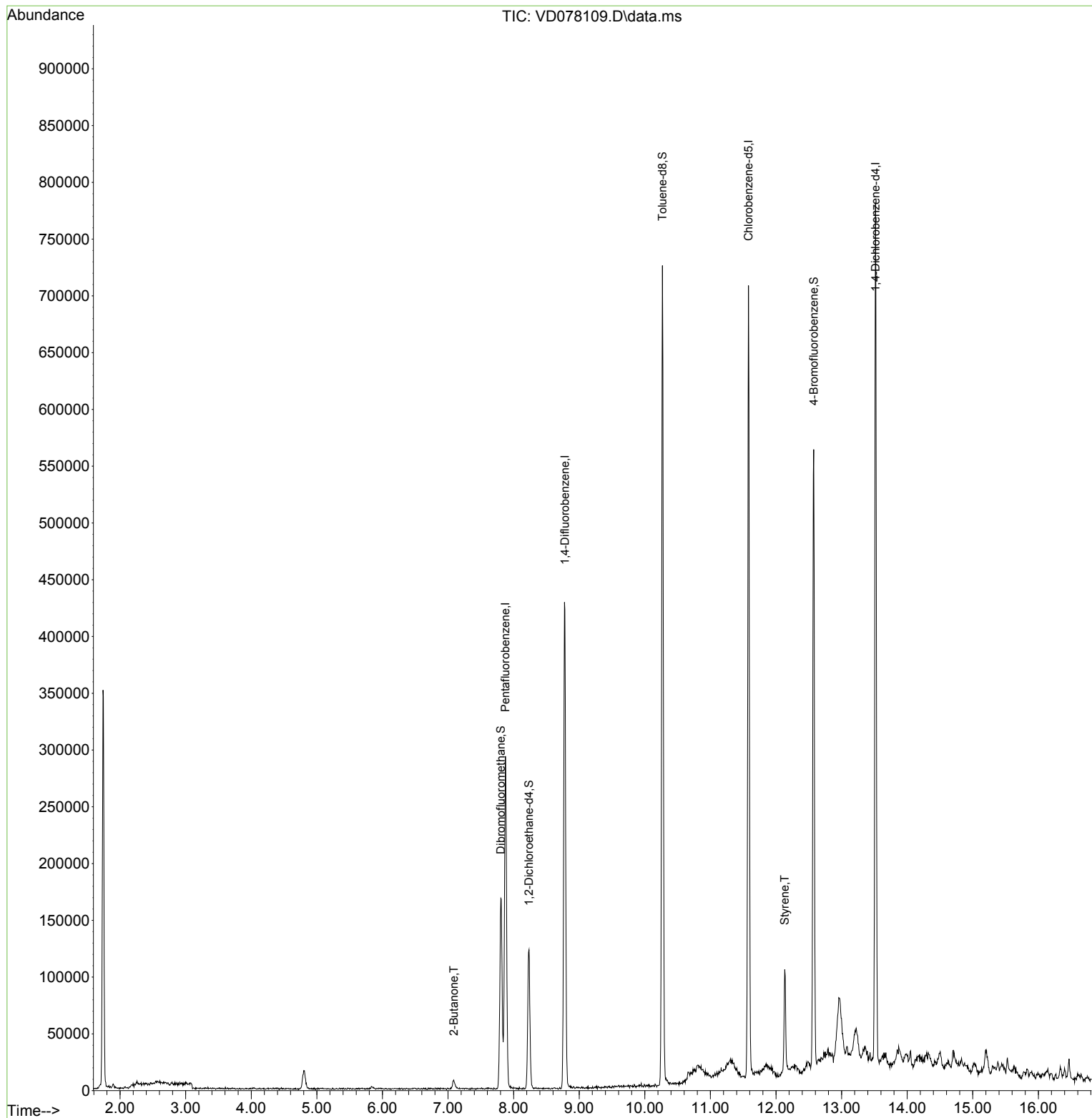
Internal Standards						
1) Pentafluorobenzene	7.875	168	235825	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	402607	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	415215	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	210915	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	97947	46.679	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.360%
35) Dibromofluoromethane	7.805	113	122785	47.398	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.800%
50) Toluene-d8	10.269	98	509210	55.864	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	111.720%
62) 4-Bromofluorobenzene	12.575	95	167730	57.190	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	114.380%
Target Compounds						Qvalue
25) 2-Butanone	7.087	43	10822	7.317	ug/l	88
70) Styrene	12.134	104	46387	5.632	ug/l	96

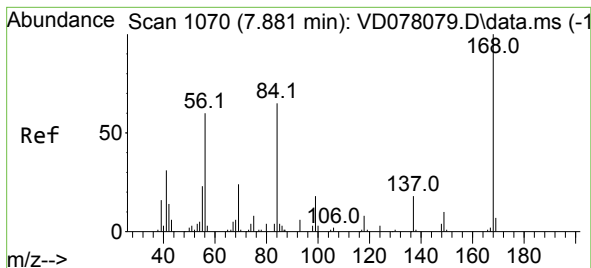
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.006 min

Lab File: VD078109.D

Acq: 29 Dec 2023 15:37

Instrument :

MSVOA_D

ClientSampleId :

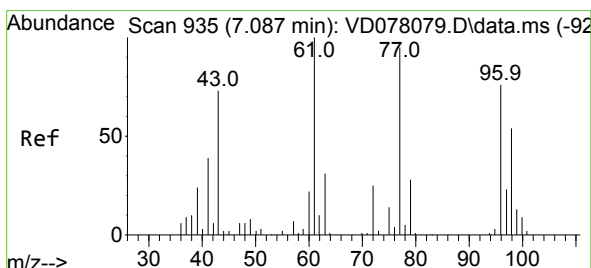
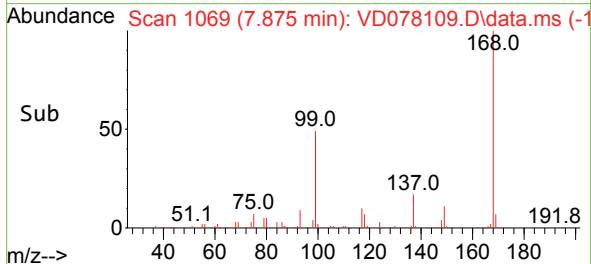
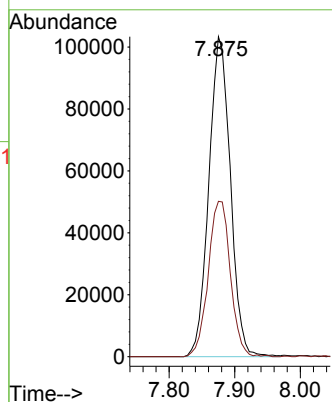
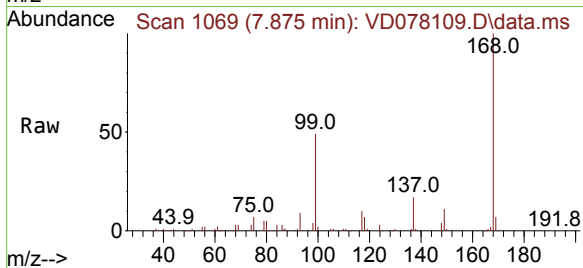
EC48-NORTH

Tgt Ion:168 Resp: 235825

Ion Ratio Lower Upper

168 100

99 48.6 36.7 55.1



#25

2-Butanone

Concen: 7.317 ug/l

RT: 7.087 min Scan# 935

Delta R.T. -0.000 min

Lab File: VD078109.D

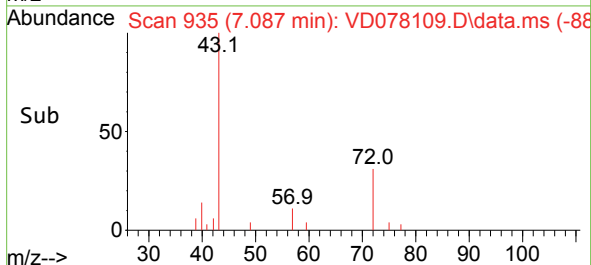
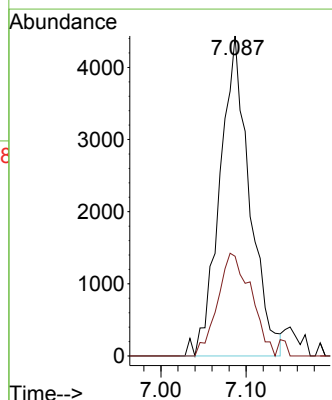
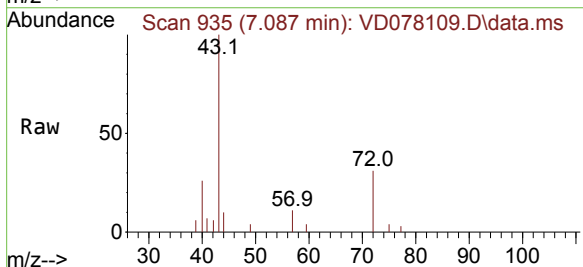
Acq: 29 Dec 2023 15:37

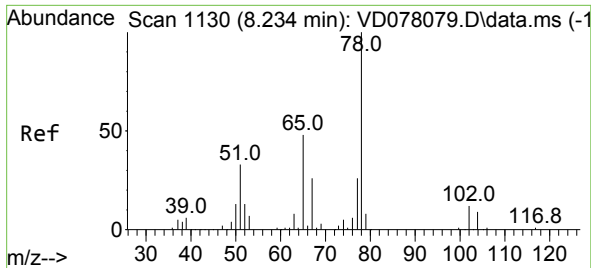
Tgt Ion: 43 Resp: 10822

Ion Ratio Lower Upper

43 100

72 31.1 30.7 46.1

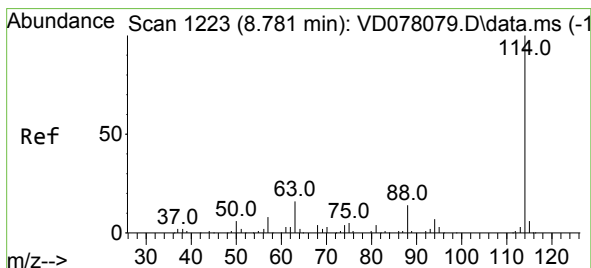
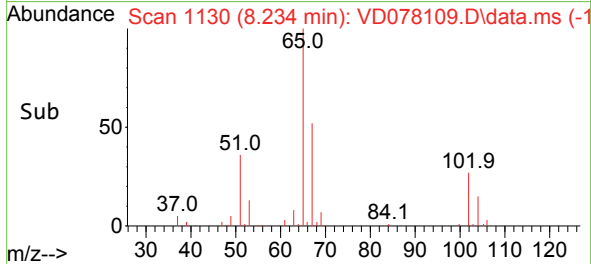
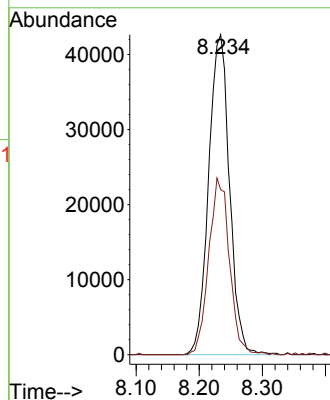
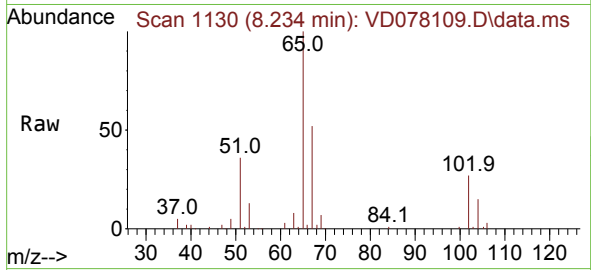




#33
1,2-Dichloroethane-d4
Concen: 46.679 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VD078109.D
Acq: 29 Dec 2023 15:37

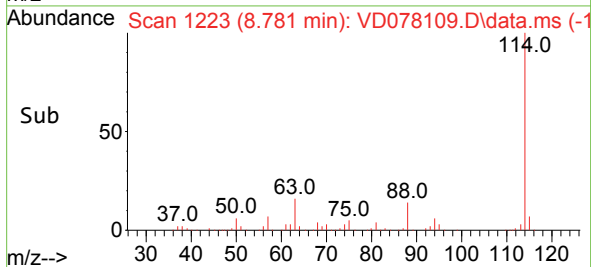
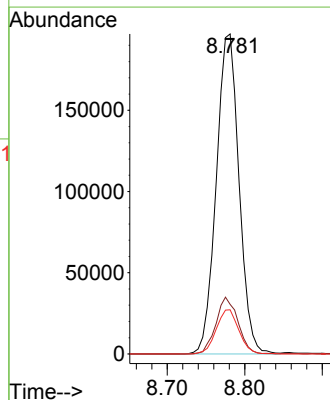
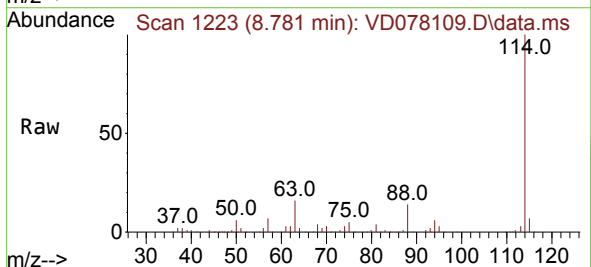
Instrument :
MSVOA_D
ClientSampleId :
EC48-NORTH

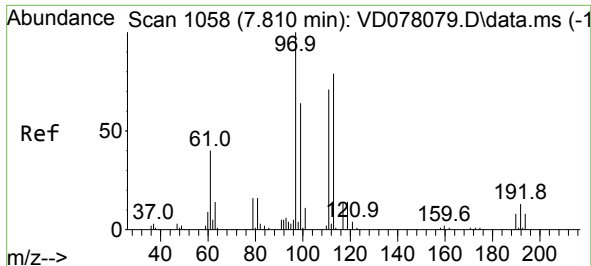
Tgt Ion: 65 Resp: 97947
Ion Ratio Lower Upper
65 100
67 54.8 0.0 115.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 1223
Delta R.T. 0.000 min
Lab File: VD078109.D
Acq: 29 Dec 2023 15:37

Tgt Ion:114 Resp: 402607
Ion Ratio Lower Upper
114 100
63 15.5 0.0 33.4
88 13.8 0.0 26.2

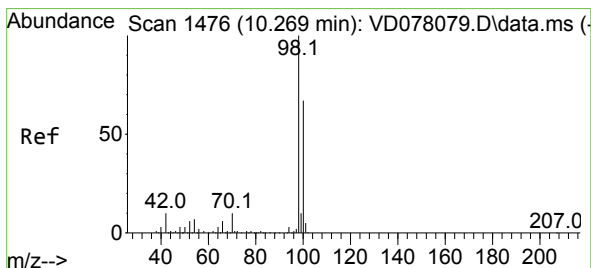
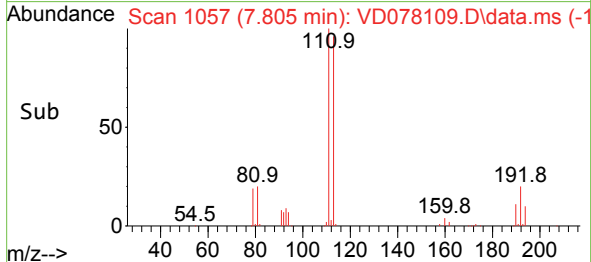
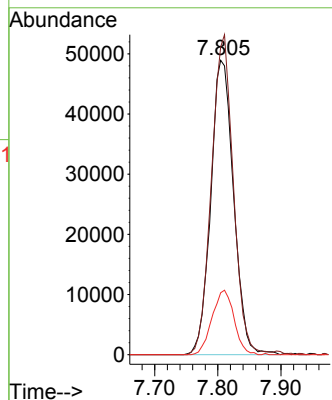
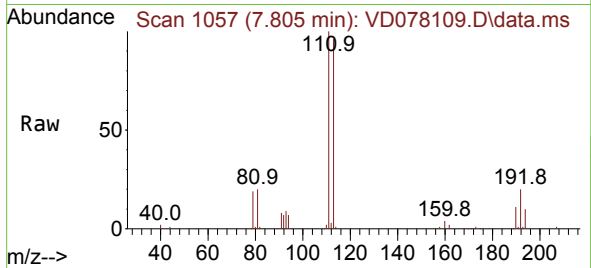




#35
 Dibromofluoromethane
 Concen: 47.398 ug/l
 RT: 7.805 min Scan# 1057
 Delta R.T. -0.006 min
 Lab File: VD078109.D
 Acq: 29 Dec 2023 15:37

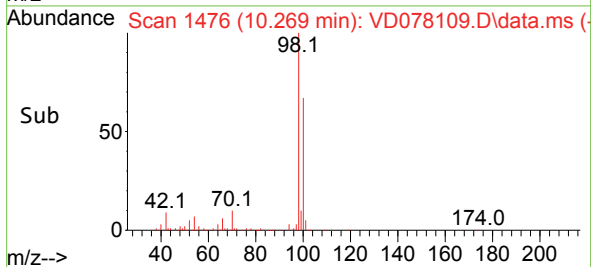
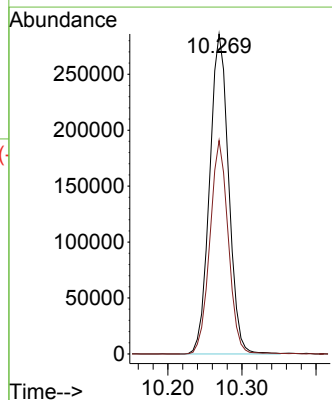
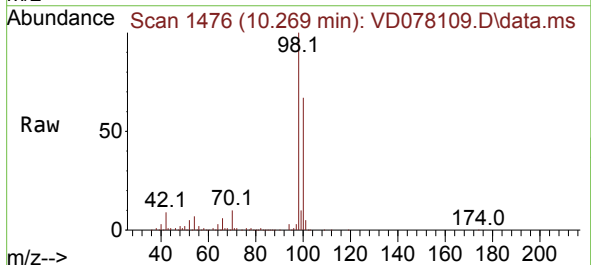
Instrument :
 MSVOA_D
 ClientSampleId :
 EC48-NORTH

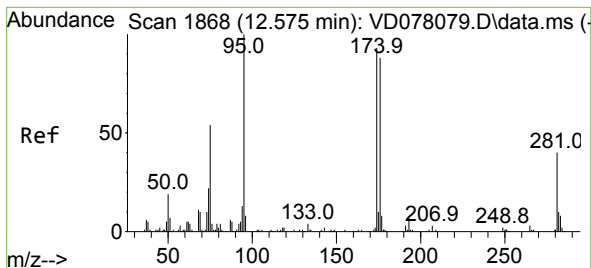
Tgt Ion:113 Resp: 122785
 Ion Ratio Lower Upper
 113 100
 111 104.0 84.7 127.1
 192 21.1 16.8 25.2



#50
 Toluene-d8
 Concen: 55.864 ug/l
 RT: 10.269 min Scan# 1476
 Delta R.T. 0.000 min
 Lab File: VD078109.D
 Acq: 29 Dec 2023 15:37

Tgt Ion: 98 Resp: 509210
 Ion Ratio Lower Upper
 98 100
 100 64.5 50.3 75.5

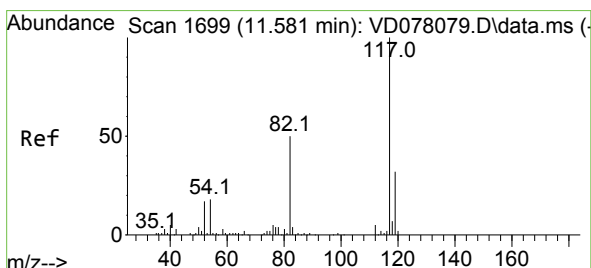
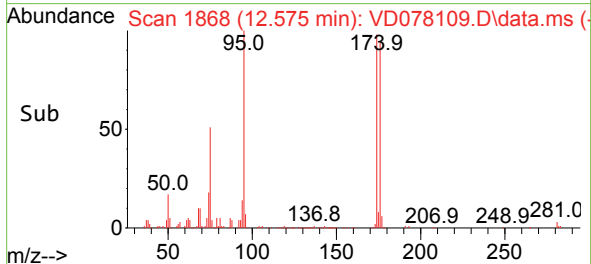
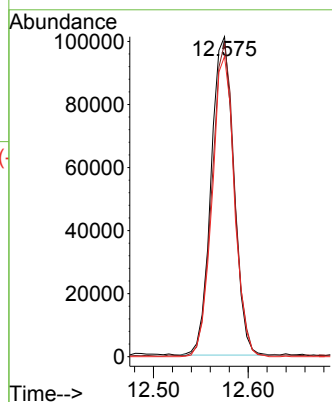
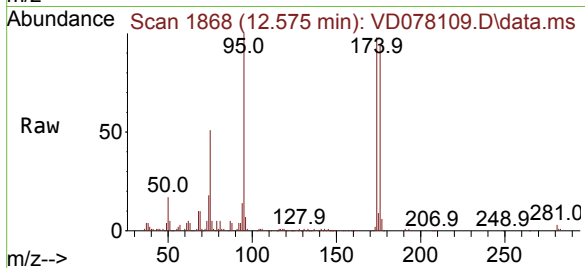




#62
4-Bromofluorobenzene
Concen: 57.190 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD078109.D
Acq: 29 Dec 2023 15:37

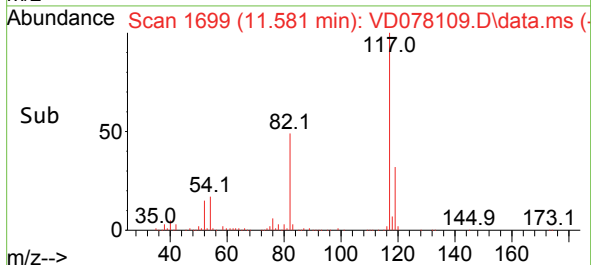
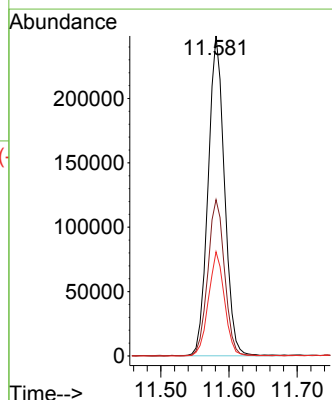
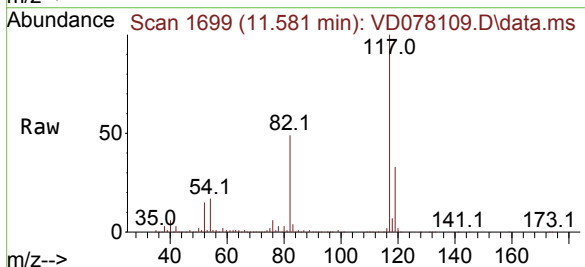
Instrument :
MSVOA_D
ClientSampleId :
EC48-NORTH

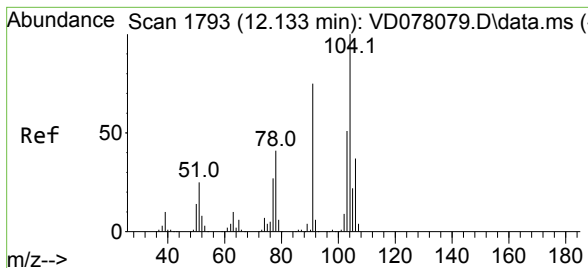
Tgt Ion: 95 Resp: 167730
Ion Ratio Lower Upper
95 100
174 97.2 0.0 201.8
176 92.9 0.0 191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD078109.D
Acq: 29 Dec 2023 15:37

Tgt Ion: 117 Resp: 415215
Ion Ratio Lower Upper
117 100
82 48.8 38.3 57.5
119 32.6 25.0 37.4





#70

Styrene

Concen: 5.632 ug/l

RT: 12.134 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD078109.D

Acq: 29 Dec 2023 15:37

Instrument :

MSVOA_D

ClientSampleId :

EC48-NORTH

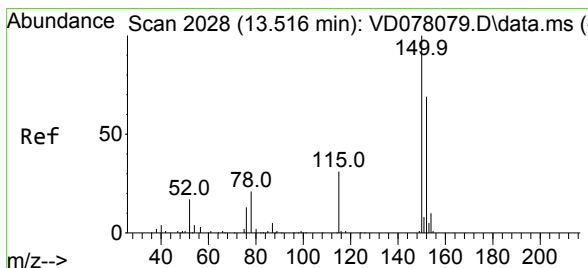
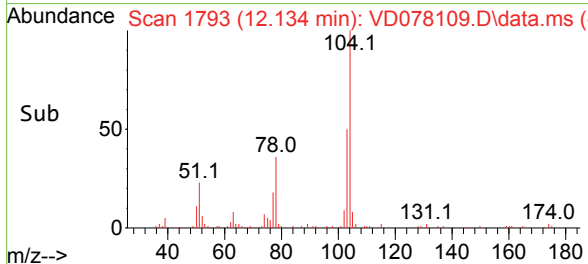
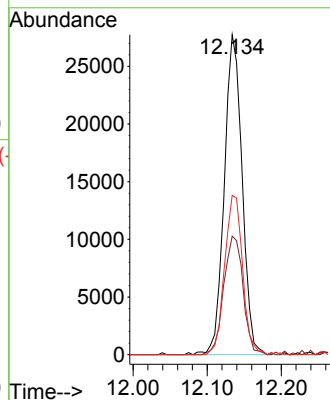
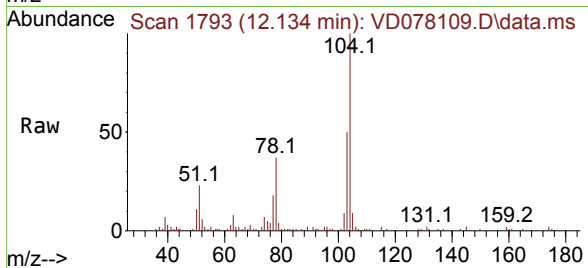
Tgt Ion:104 Resp: 46387

Ion Ratio Lower Upper

104 100

78 40.0 33.2 49.8

103 50.4 43.6 65.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 2028

Delta R.T. 0.000 min

Lab File: VD078109.D

Acq: 29 Dec 2023 15:37

Tgt Ion:152 Resp: 210915

Ion Ratio Lower Upper

152 100

115 56.3 27.1 81.3

150 156.9 0.0 353.6

