

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041624\
 Data File : VD078824.D
 Acq On : 16 Apr 2024 15:27
 Operator : RP/MD
 Sample : P2123-02
 Misc : 2.47G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RPI-SS-02

Quant Time: Apr 16 22:34:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031424S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 15 05:38:03 2024
 Response via : Initial Calibration

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

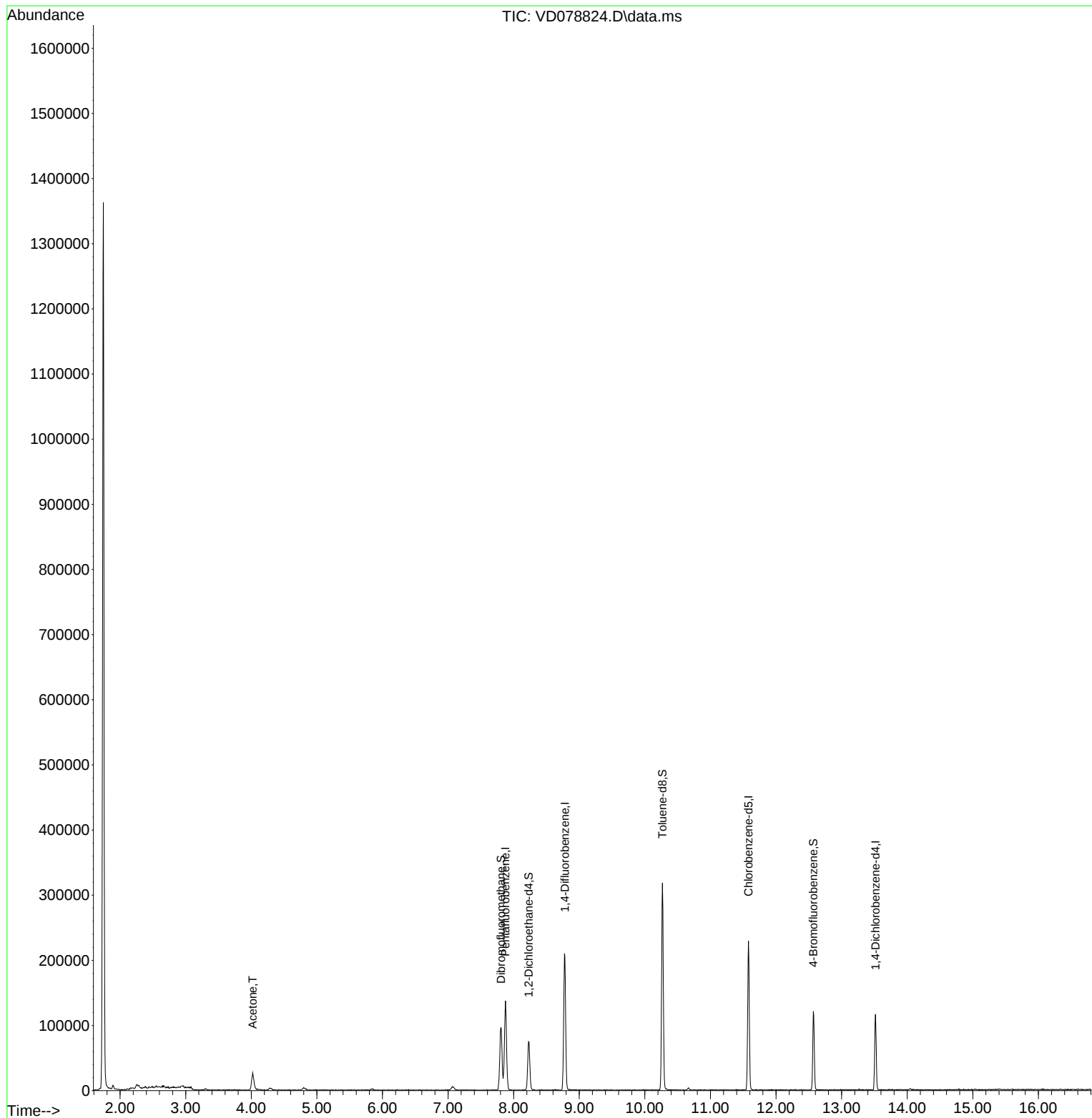
Internal Standards						
1) Pentafluorobenzene	7.875	168	103488	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	192508	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	134192	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	32260	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	59017	60.852	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	121.700%
35) Dibromofluoromethane	7.810	113	70141	56.590	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	113.180%
50) Toluene-d8	10.269	98	224210	49.187	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.380%
62) 4-Bromofluorobenzene	12.569	95	34791	26.089	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	52.180%
Target Compounds						
16) Acetone	4.022	43	40405	215.443	ug/l	Qvalue 90

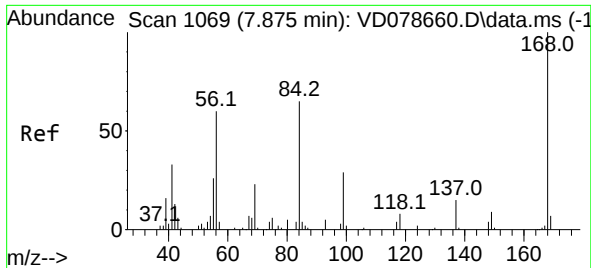
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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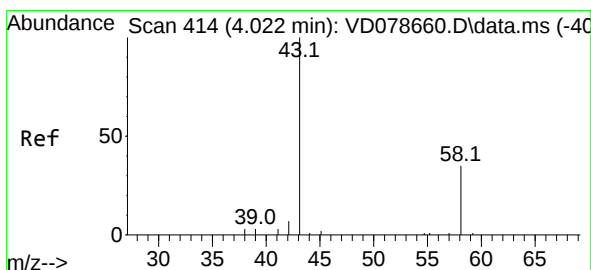
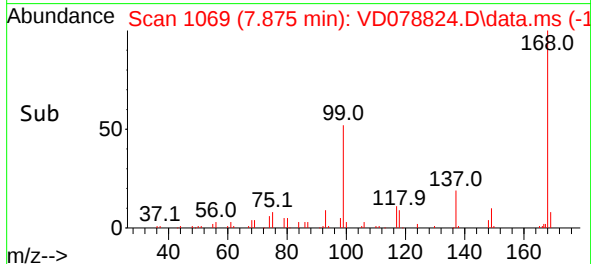
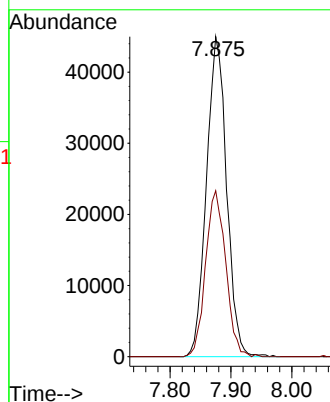
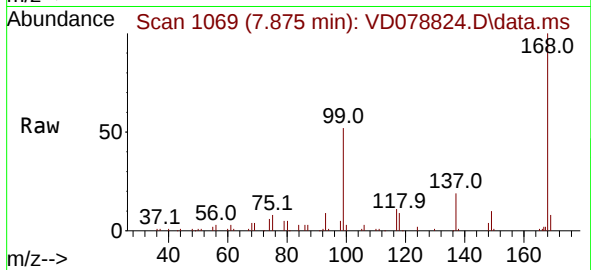




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD078824.D
Acq: 16 Apr 2024 15:27

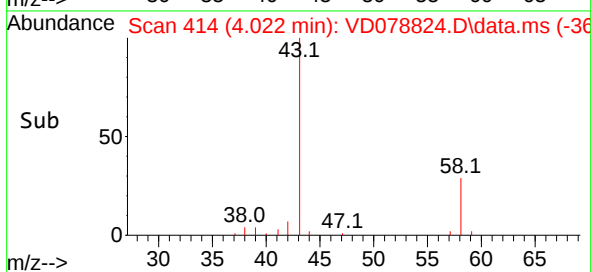
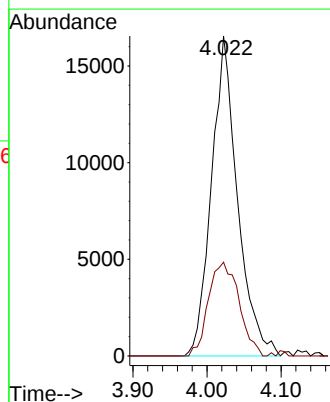
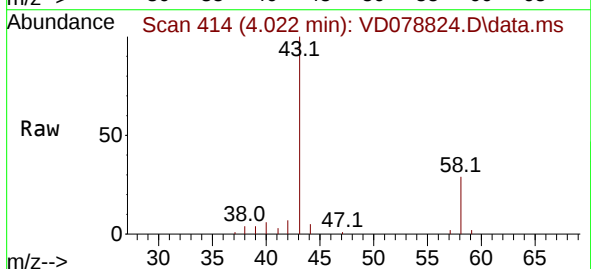
Instrument :
MSVOA_D
ClientSampleId :
RPI-SS-02

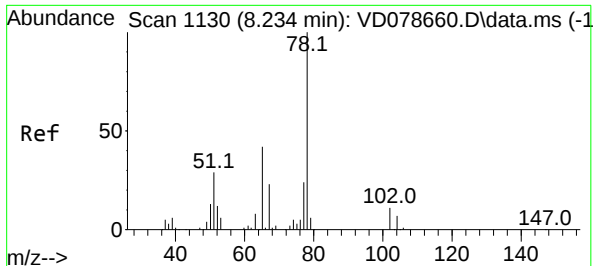
Tgt Ion:168 Resp: 103488
Ion Ratio Lower Upper
168 100
99 51.8 38.8 58.2



#16
Acetone
Concen: 215.443 ug/l
RT: 4.022 min Scan# 414
Delta R.T. -0.000 min
Lab File: VD078824.D
Acq: 16 Apr 2024 15:27

Tgt Ion: 43 Resp: 40405
Ion Ratio Lower Upper
43 100
58 29.3 28.2 42.4





#33

1,2-Dichloroethane-d4

Concen: 60.852 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD078824.D

Acq: 16 Apr 2024 15:27

Instrument :

MSVOA_D

ClientSampleId :

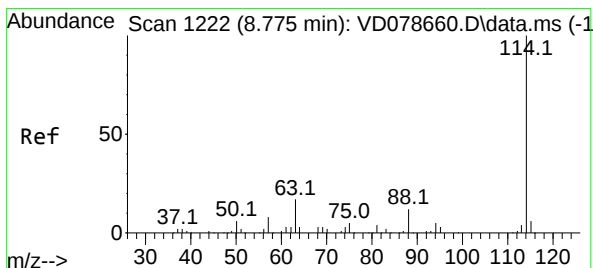
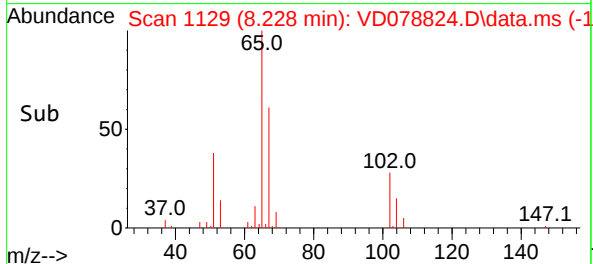
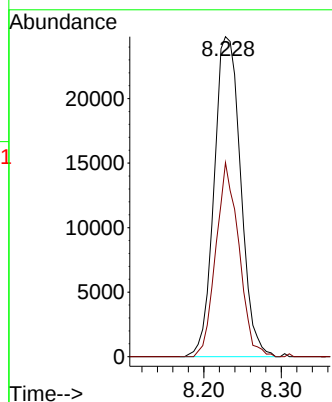
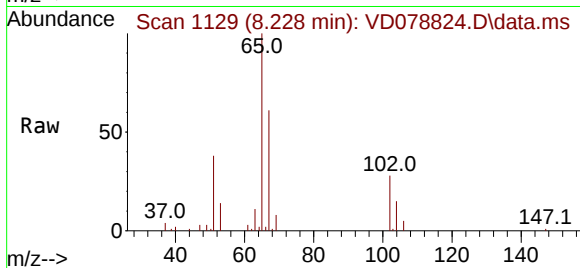
RPI-SS-02

Tgt Ion: 65 Resp: 59017

Ion Ratio Lower Upper

65 100

67 52.8 0.0 110.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD078824.D

Acq: 16 Apr 2024 15:27

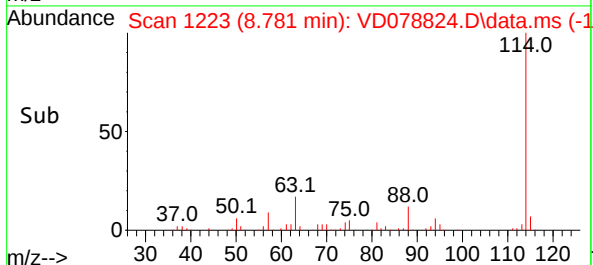
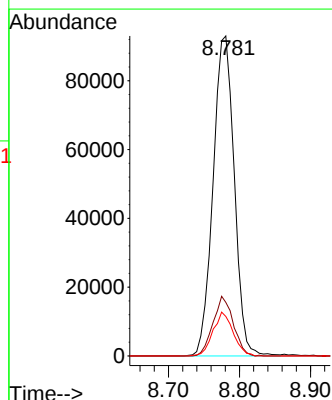
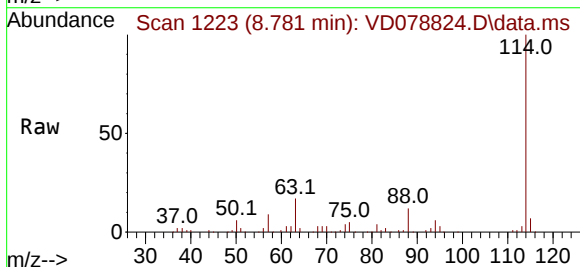
Tgt Ion: 114 Resp: 192508

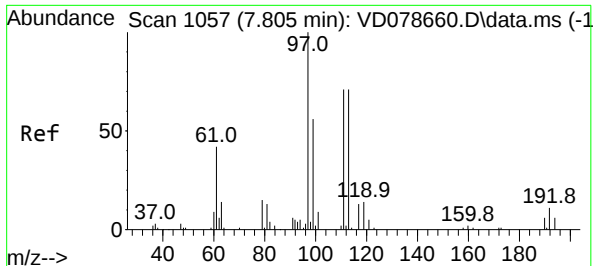
Ion Ratio Lower Upper

114 100

63 16.7 0.0 33.4

88 12.3 0.0 24.6





#35

Dibromofluoromethane

Concen: 56.590 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD078824.D

Acq: 16 Apr 2024 15:27

Instrument :

MSVOA_D

ClientSampleId :

RPI-SS-02

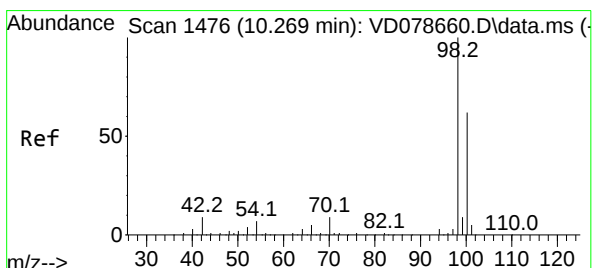
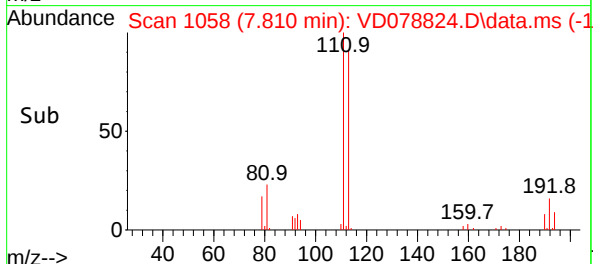
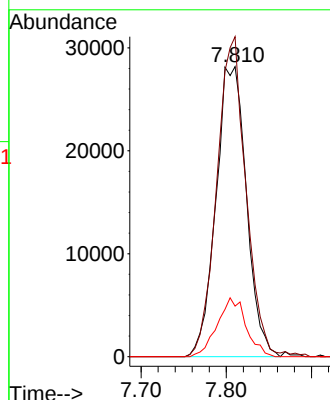
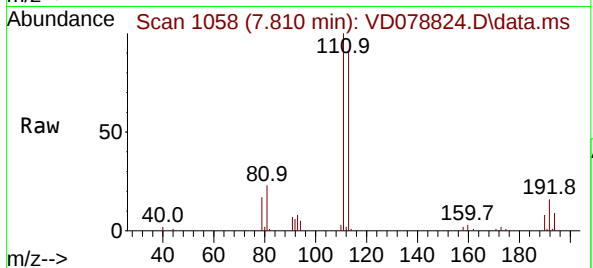
Tgt Ion:113 Resp: 70141

Ion Ratio Lower Upper

113 100

111 105.5 81.9 122.9

192 19.2 15.4 23.0



#50

Toluene-d8

Concen: 49.187 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD078824.D

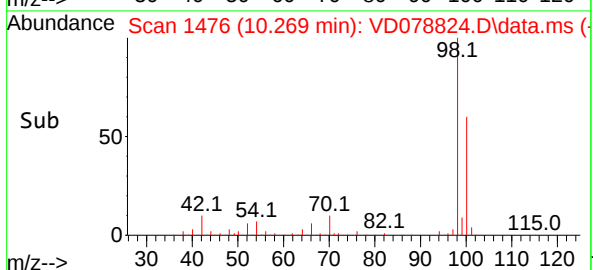
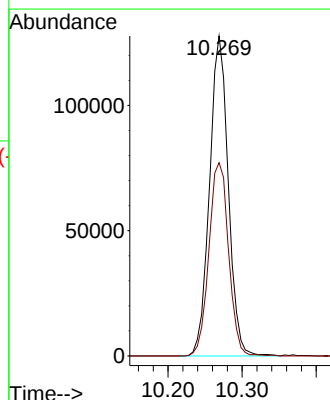
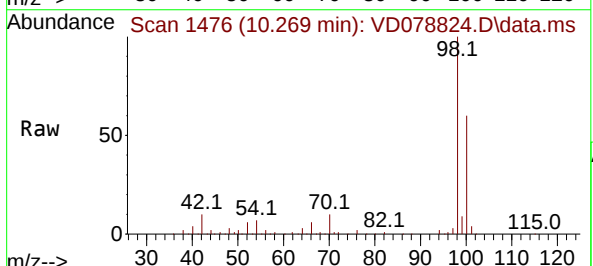
Acq: 16 Apr 2024 15:27

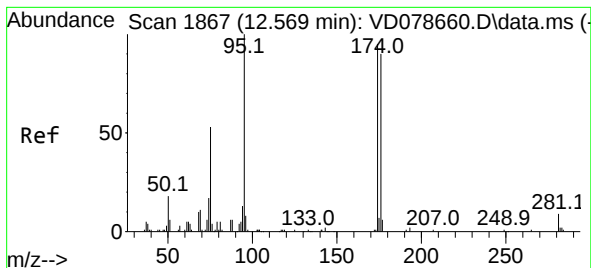
Tgt Ion: 98 Resp: 224210

Ion Ratio Lower Upper

98 100

100 63.5 50.5 75.7

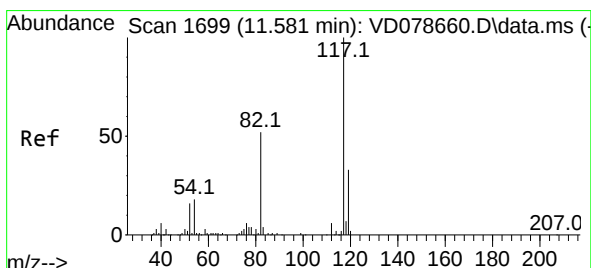
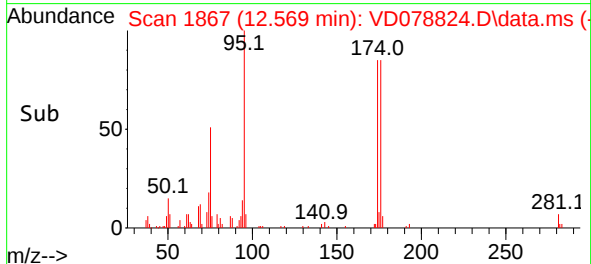
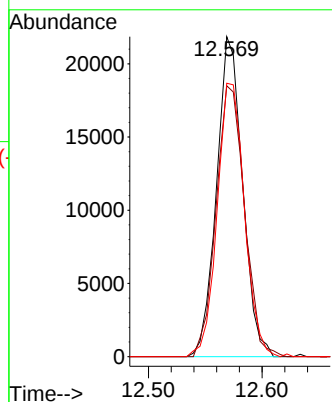
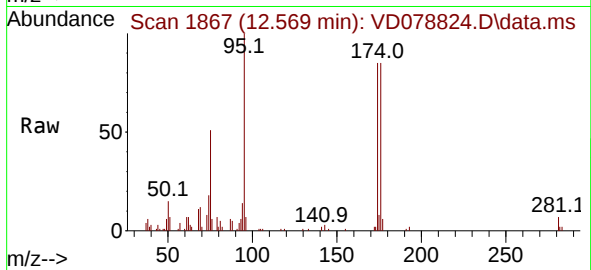




#62
4-Bromofluorobenzene
Concen: 26.089 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD078824.D
Acq: 16 Apr 2024 15:27

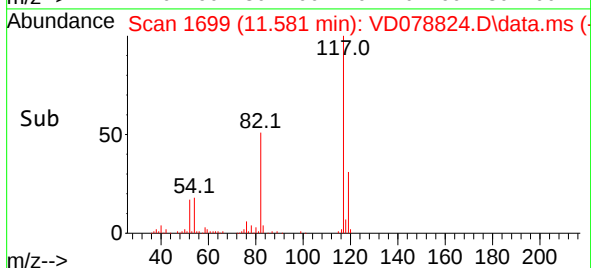
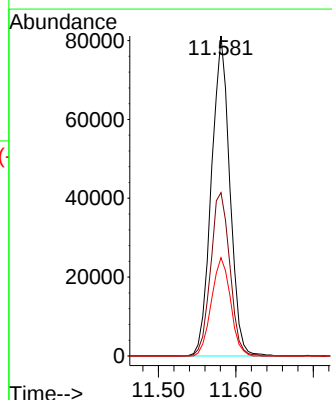
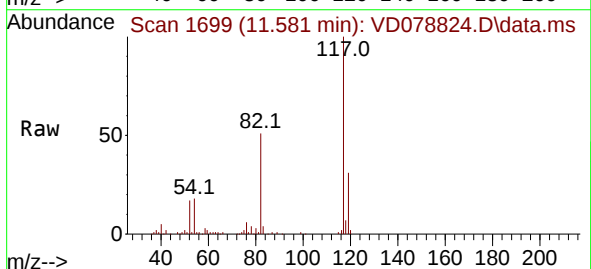
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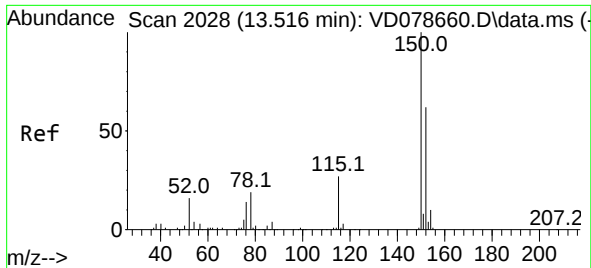
Tgt Ion: 95 Resp: 34791
Ion Ratio Lower Upper
95 100
174 92.3 0.0 195.2
176 89.6 0.0 188.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD078824.D
Acq: 16 Apr 2024 15:27

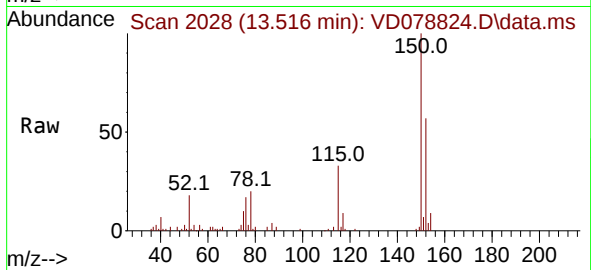
Tgt Ion: 117 Resp: 134192
Ion Ratio Lower Upper
117 100
82 51.1 41.4 62.2
119 30.7 26.5 39.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VD078824.D
 Acq: 16 Apr 2024 15:27

Instrument :
 MSVOA_D
 ClientSampleId :
 RPI-SS-02



Tgt Ion:152 Resp: 32260
 Ion Ratio Lower Upper
 152 100
 115 54.2 27.1 81.2
 150 154.8 0.0 350.2

