

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012623\
 Data File : VD075214.D
 Acq On : 26 Jan 2023 16:50
 Operator : KP/SY
 Sample : 01289-01
 Misc : 5.97G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VNJ209-STOCK

Quant Time: Jan 27 00:26:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 19 01:32:27 2023
 Response via : Initial Calibration

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

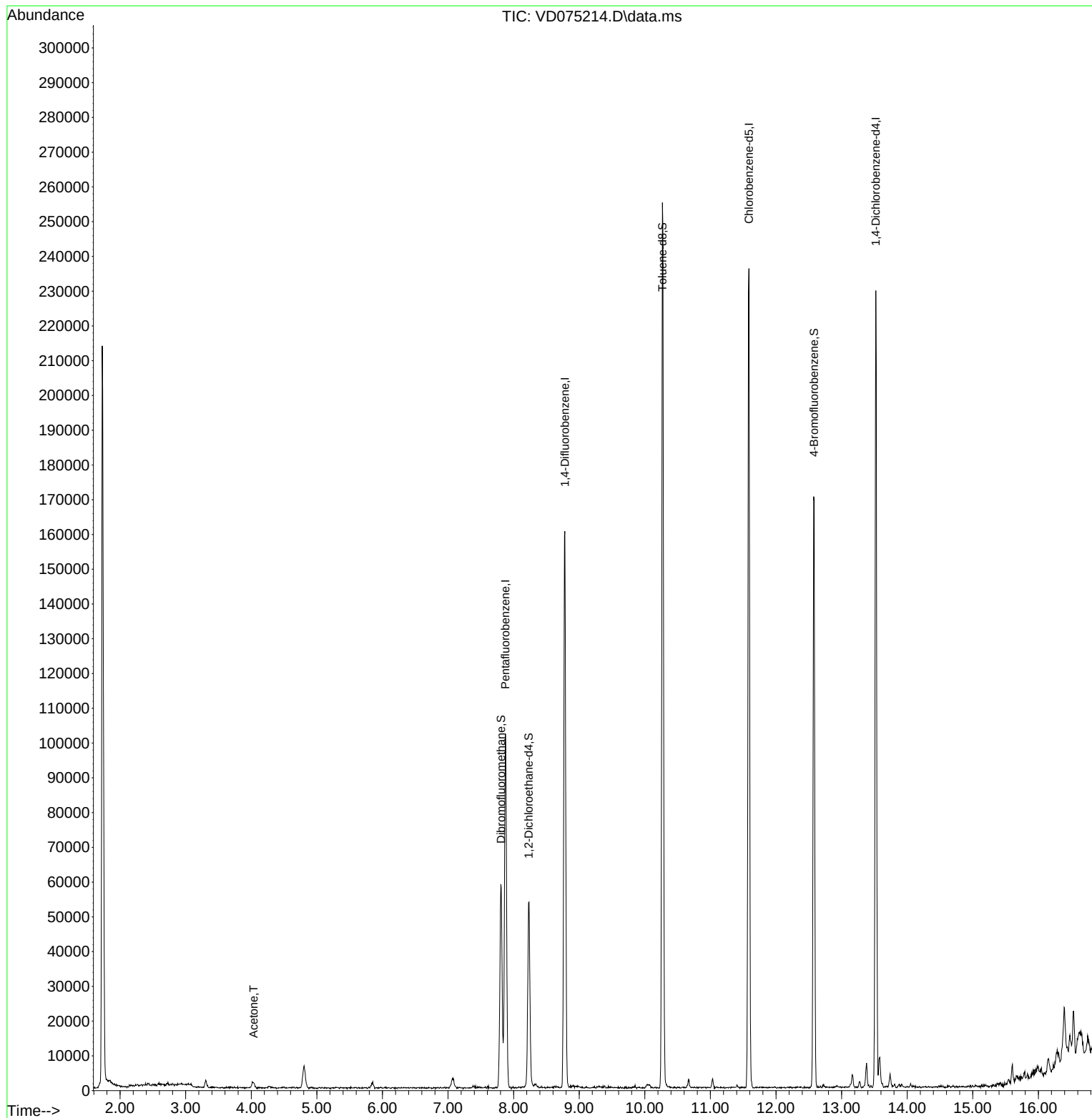
Internal Standards						
1) Pentafluorobenzene	7.875	168	72732	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	140913	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	133012	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	58121	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	40657	54.781	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.560%	
35) Dibromofluoromethane	7.810	113	41886	49.191	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.380%	
50) Toluene-d8	10.269	98	174105	51.931	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.860%	
62) 4-Bromofluorobenzene	12.581	95	54103	50.847	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 101.700%	
Target Compounds						Qvalue
16) Acetone	4.034	43	3376	17.247	ug/l	99

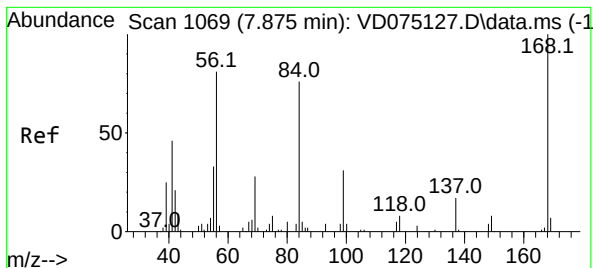
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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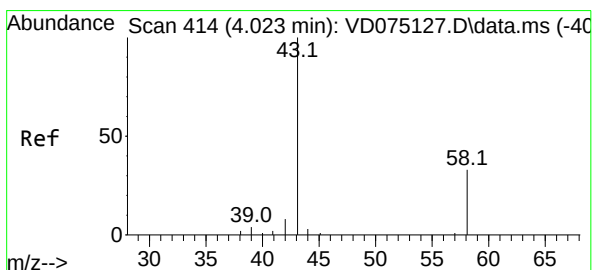
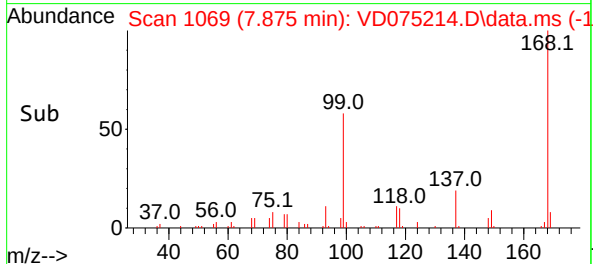
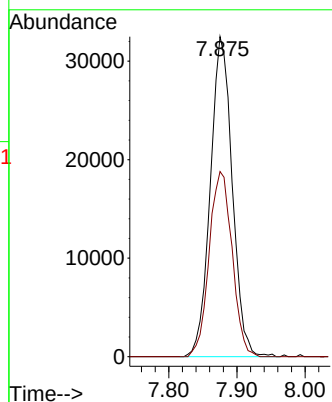
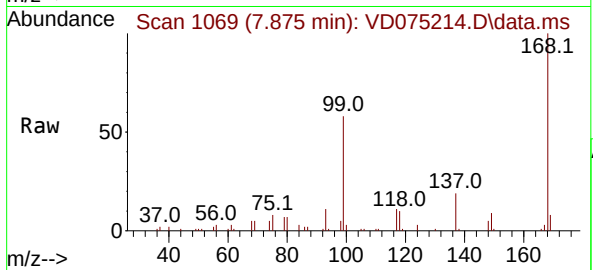




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD075214.D
Acq: 26 Jan 2023 16:50

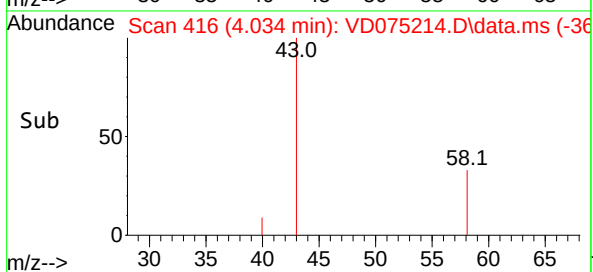
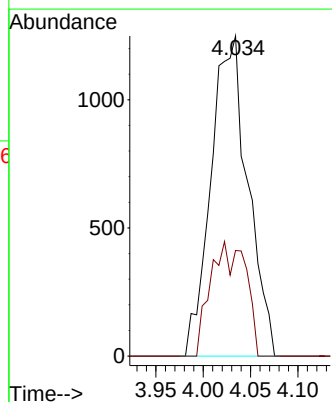
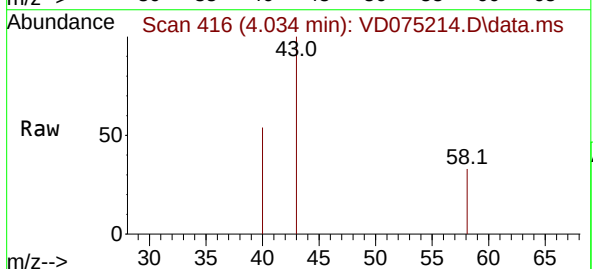
Instrument :
MSVOA_D
ClientSampleId :
VNJ209-STOCK

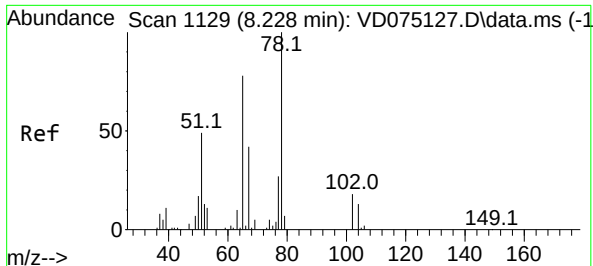
Tgt Ion:168 Resp: 72732
Ion Ratio Lower Upper
168 100
99 57.8 45.2 67.8



#16
Acetone
Concen: 17.247 ug/l
RT: 4.034 min Scan# 416
Delta R.T. 0.012 min
Lab File: VD075214.D
Acq: 26 Jan 2023 16:50

Tgt Ion: 43 Resp: 3376
Ion Ratio Lower Upper
43 100
58 33.0 26.0 39.0





#33

1,2-Dichloroethane-d4

Concen: 54.781 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD075214.D

Acq: 26 Jan 2023 16:50

Instrument :

MSVOA_D

ClientSampleId :

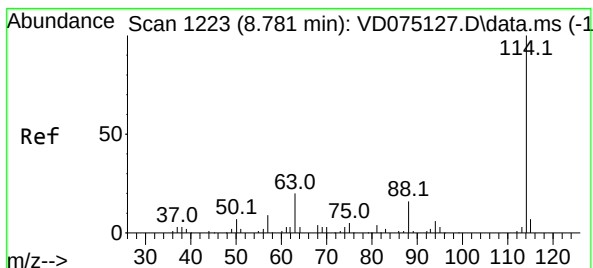
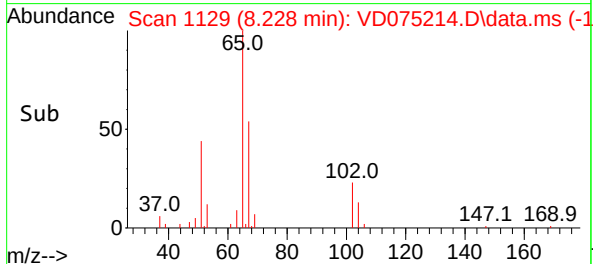
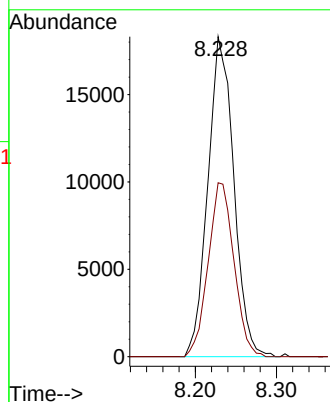
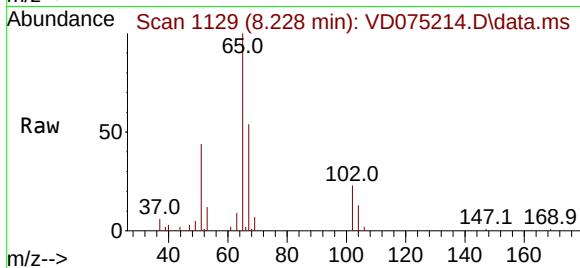
VNJ209-STOCK

Tgt Ion: 65 Resp: 40657

Ion Ratio Lower Upper

65 100

67 54.1 0.0 105.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. -0.000 min

Lab File: VD075214.D

Acq: 26 Jan 2023 16:50

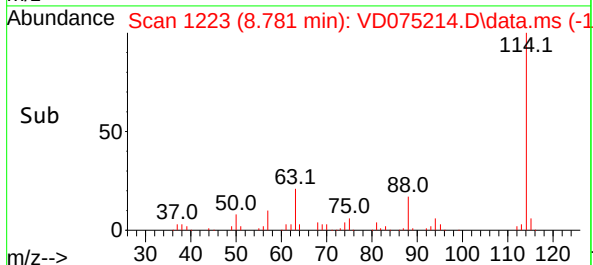
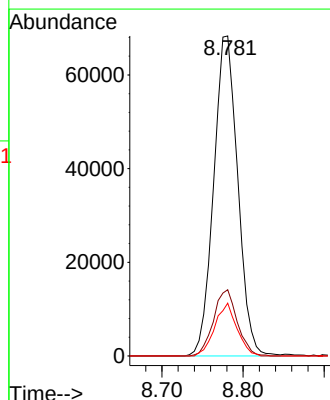
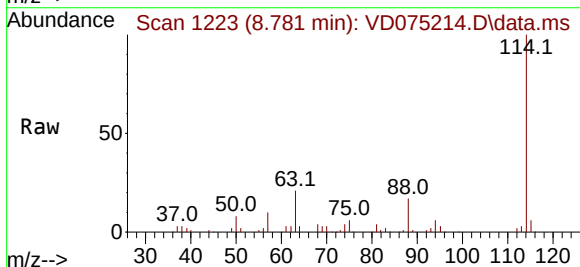
Tgt Ion: 114 Resp: 140913

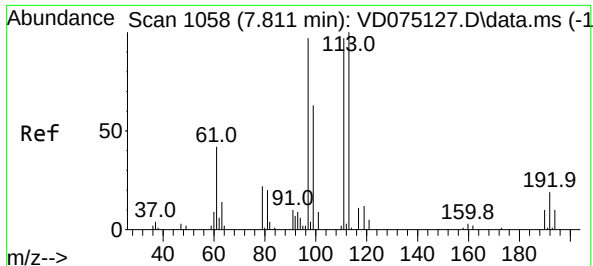
Ion Ratio Lower Upper

114 100

63 20.7 0.0 40.2

88 16.5 0.0 32.2





#35

Dibromofluoromethane

Concen: 49.191 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VD075214.D

Acq: 26 Jan 2023 16:50

Instrument :

MSVOA_D

ClientSampleId :

VNJ209-STOCK

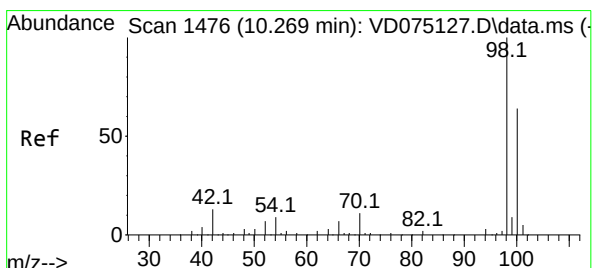
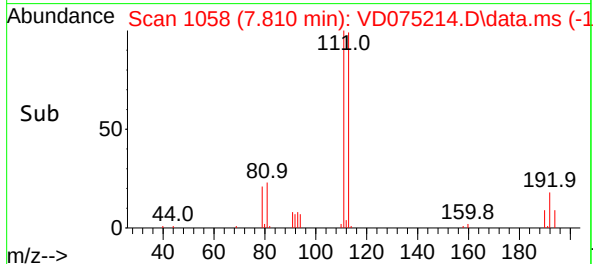
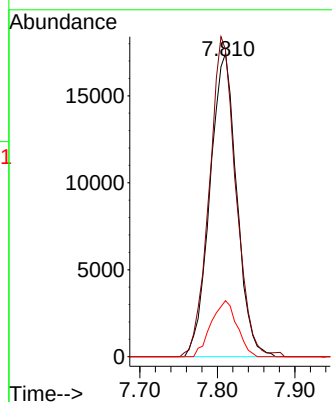
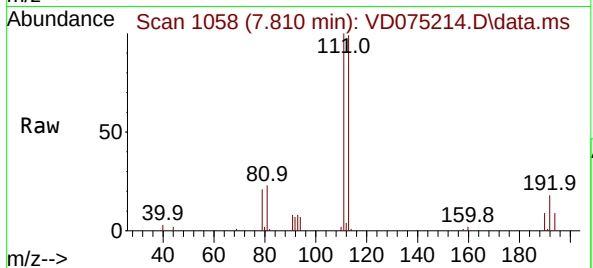
Tgt Ion:113 Resp: 41886

Ion Ratio Lower Upper

113 100

111 104.7 80.1 120.1

192 17.8 15.4 23.0



#50

Toluene-d8

Concen: 51.931 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD075214.D

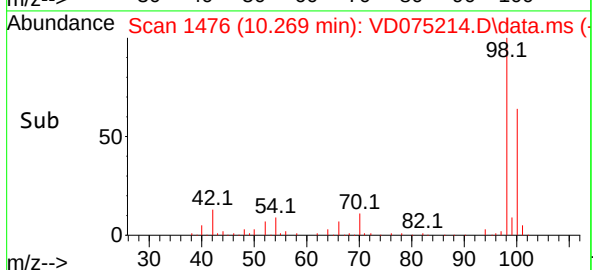
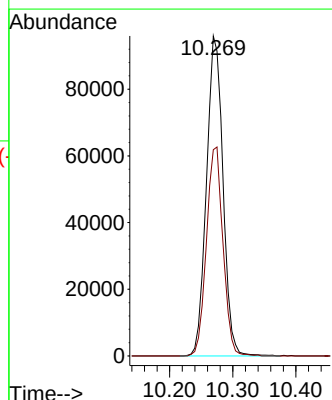
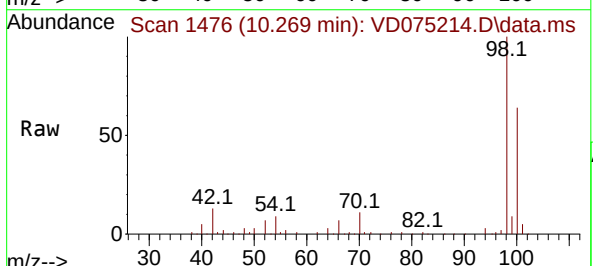
Acq: 26 Jan 2023 16:50

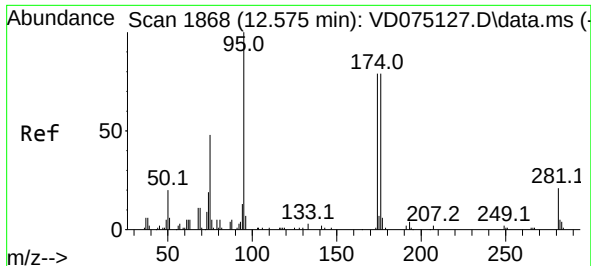
Tgt Ion: 98 Resp: 174105

Ion Ratio Lower Upper

98 100

100 65.3 52.7 79.1

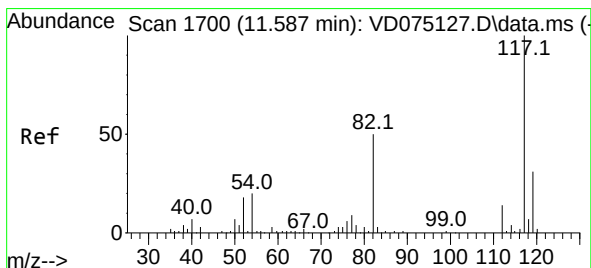
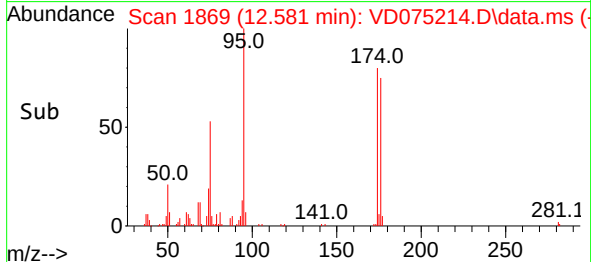
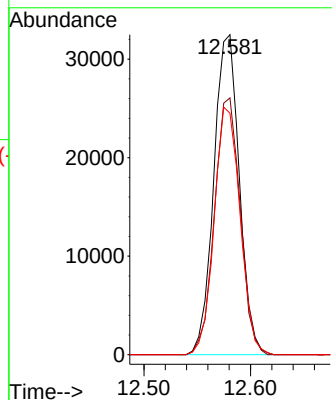
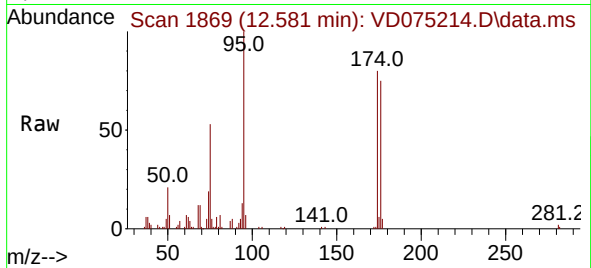




#62
4-Bromofluorobenzene
Concen: 50.847 ug/l
RT: 12.581 min Scan# 1869
Delta R.T. 0.006 min
Lab File: VD075214.D
Acq: 26 Jan 2023 16:50

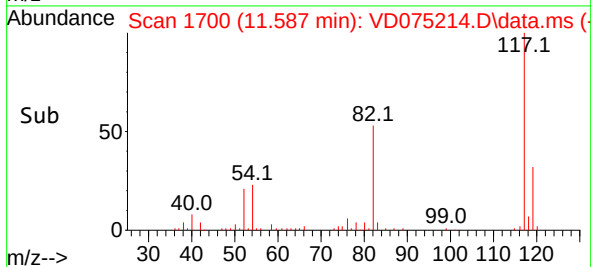
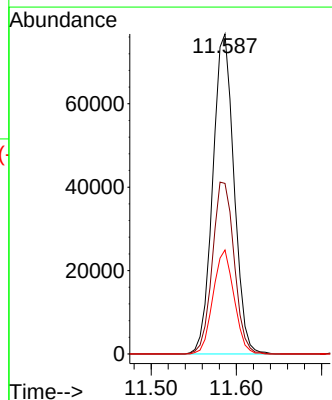
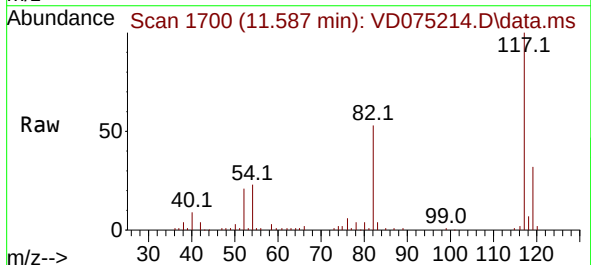
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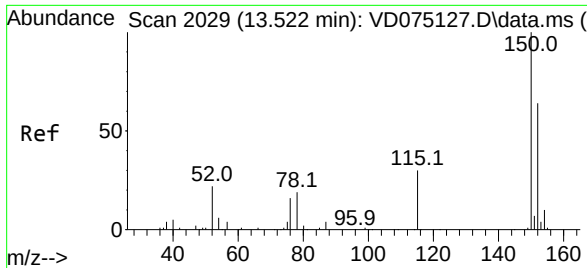
Tgt Ion: 95 Resp: 54103
Ion Ratio Lower Upper
95 100
174 80.7 0.0 161.2
176 78.3 0.0 160.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VD075214.D
Acq: 26 Jan 2023 16:50

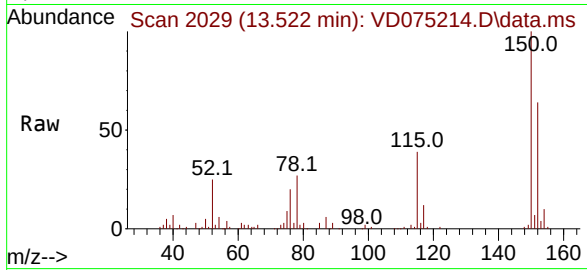
Tgt Ion: 117 Resp: 133012
Ion Ratio Lower Upper
117 100
82 53.3 39.6 59.4
119 32.5 24.6 37.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.522 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VD075214.D
 Acq: 26 Jan 2023 16:50

Instrument :
 MSVOA_D
 ClientSampleId :
 VNJ209-STOCK



Tgt Ion:152 Resp: 58121
 Ion Ratio Lower Upper
 152 100
 115 59.6 28.8 86.4
 150 157.2 0.0 348.6

