

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012623\
 Data File : VD075215.D
 Acq On : 26 Jan 2023 17:18
 Operator : KP/SY
 Sample : 01318-03
 Misc : 6.09G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 DR-1-012523

Quant Time: Jan 27 00:26:18 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)

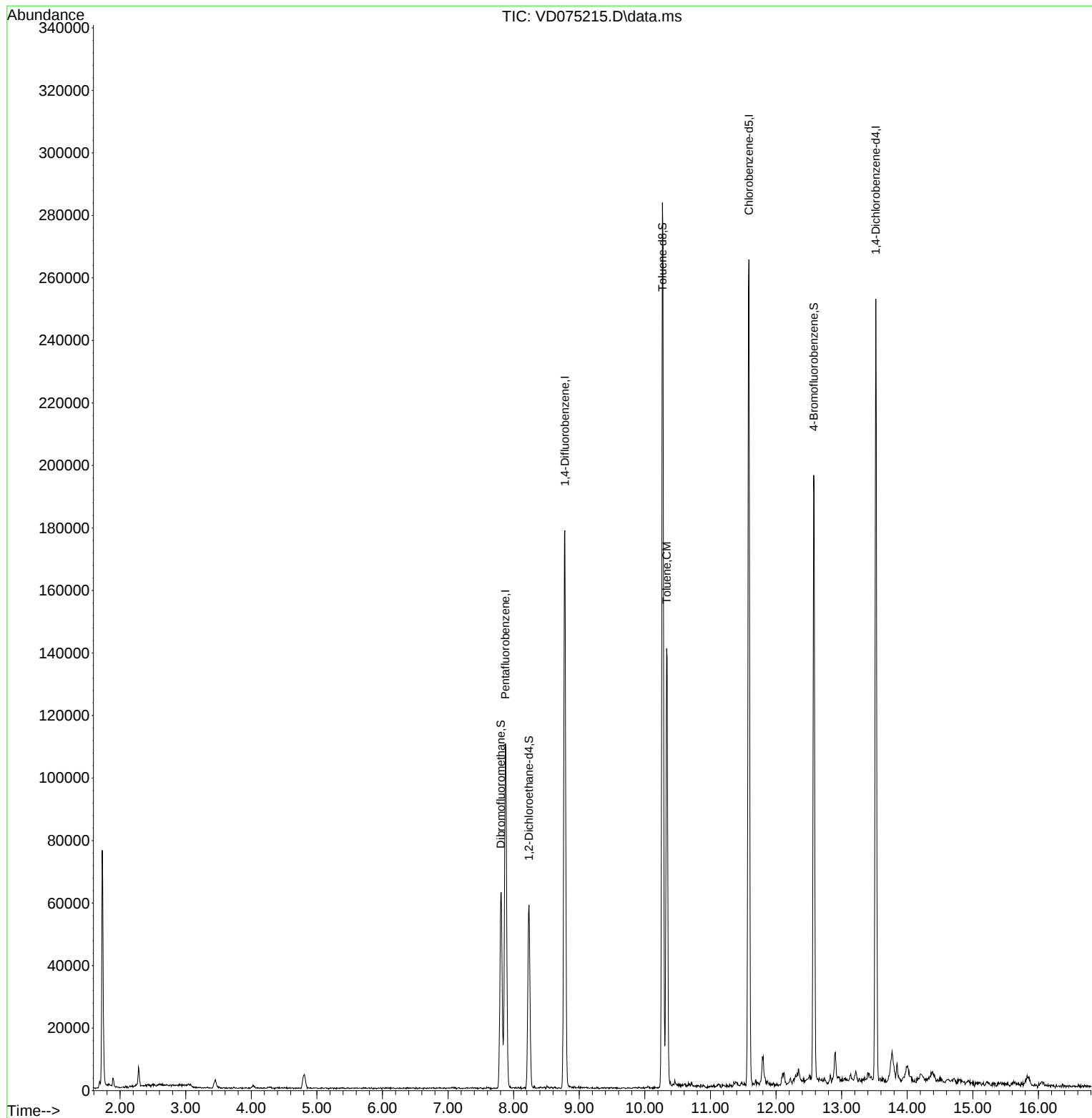
Internal Standards						
1) Pentafluorobenzene	7.875	168	83378	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	156191	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	146851	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	61428	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	46625	54.801	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.600%	
35) Dibromofluoromethane	7.804	113	45815	48.542	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 97.080%	
50) Toluene-d8	10.269	98	192004	51.667	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.340%	
62) 4-Bromofluorobenzene	12.575	95	61942	52.520	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 105.040%	
Target Compounds						
52) Toluene	10.334	92	60506	22.140	ug/l	Qvalue 98

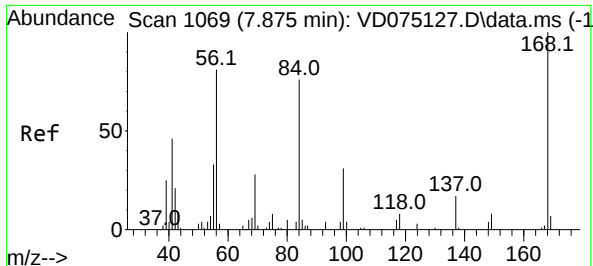
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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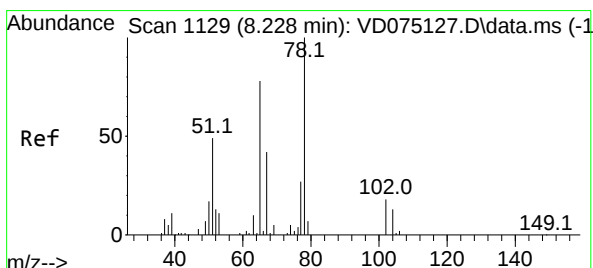
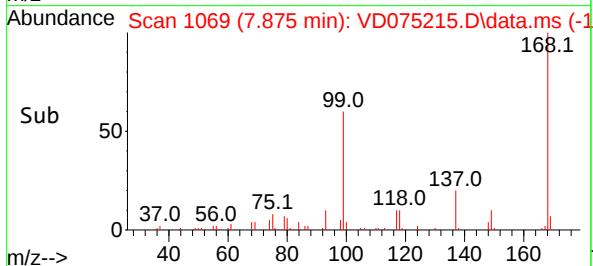
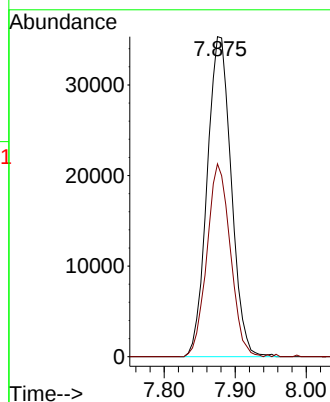
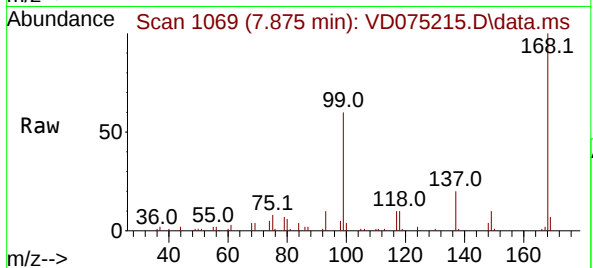




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 110
Delta R.T. 0.000 min
Lab File: VD075215.D
Acq: 26 Jan 2023 17:18

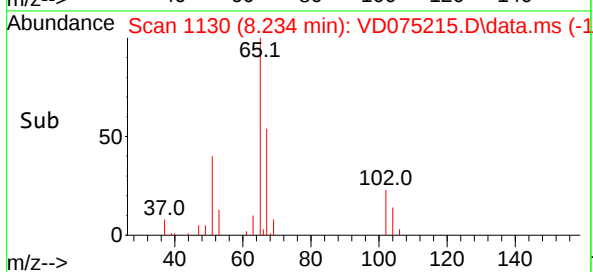
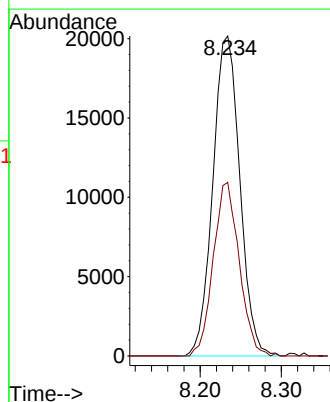
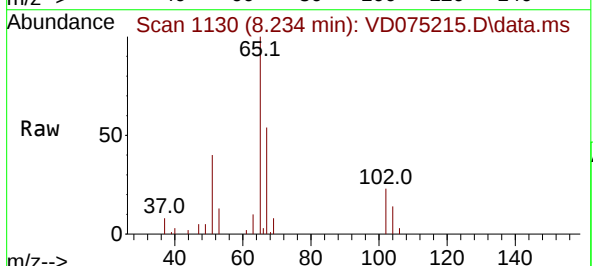
Instrument :
MSVOA_D
ClientSampleId :
DR-1-012523

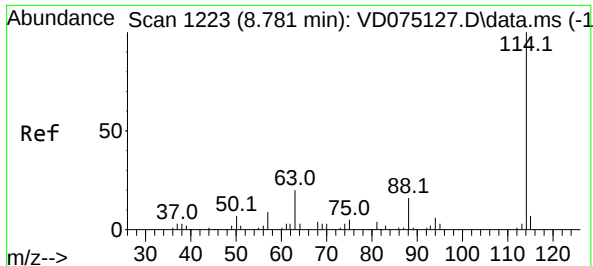
Tgt Ion:168 Resp: 83378
Ion Ratio Lower Upper
168 100
99 60.3 45.2 67.8



#33
1,2-Dichloroethane-d4
Concen: 54.801 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD075215.D
Acq: 26 Jan 2023 17:18

Tgt Ion: 65 Resp: 46625
Ion Ratio Lower Upper
65 100
67 52.2 0.0 105.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 114

Delta R.T. -0.000 min

Lab File: VD075215.D

Acq: 26 Jan 2023 17:18

Instrument :

MSVOA_D

ClientSampleId :

DR-1-012523

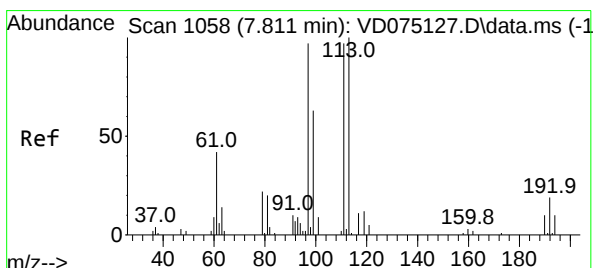
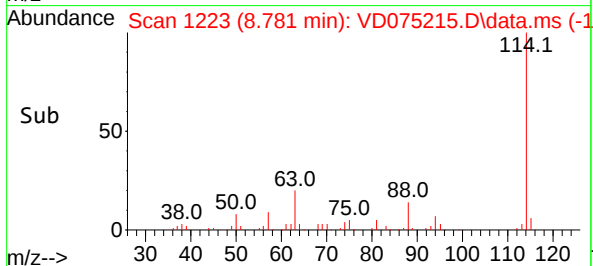
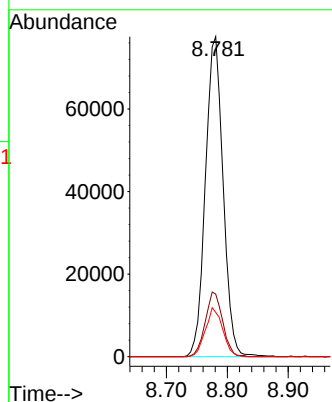
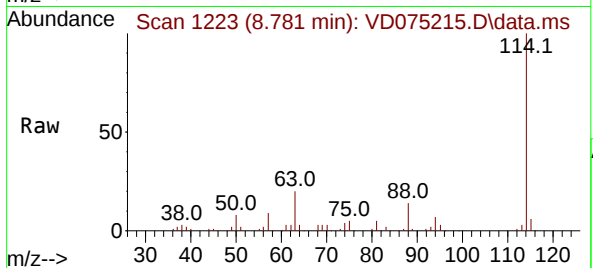
Tgt Ion:114 Resp: 156191

Ion Ratio Lower Upper

114 100

63 19.6 0.0 40.2

88 13.9 0.0 32.2



#35

Dibromofluoromethane

Concen: 48.542 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VD075215.D

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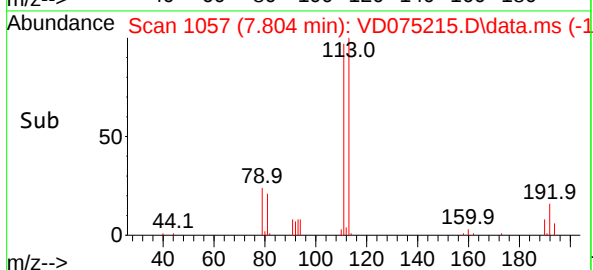
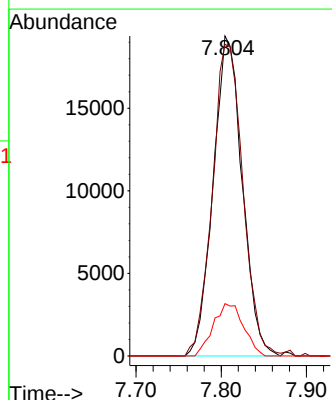
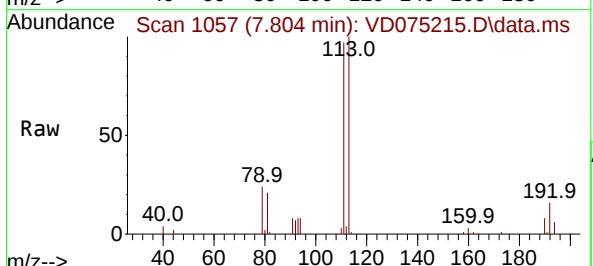
Tgt Ion:113 Resp: 45815

Ion Ratio Lower Upper

113 100

111 102.0 80.1 120.1

192 17.0 15.4 23.0

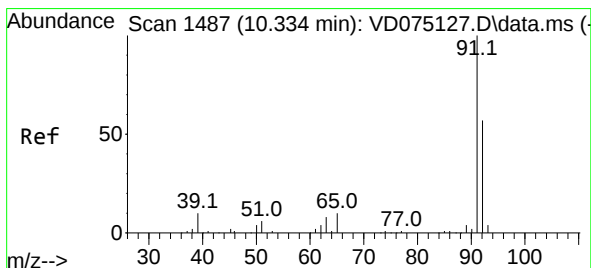
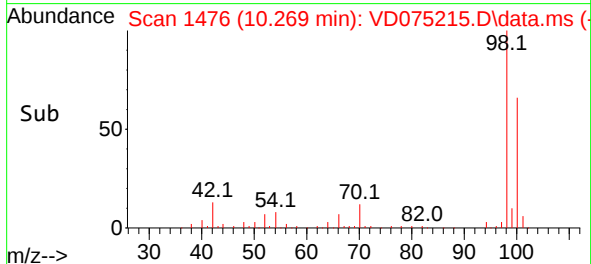
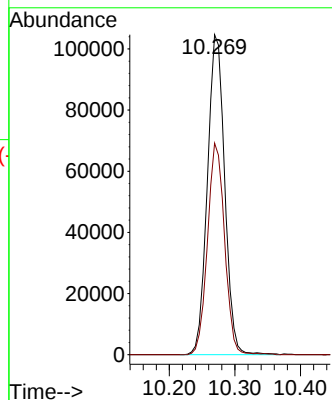
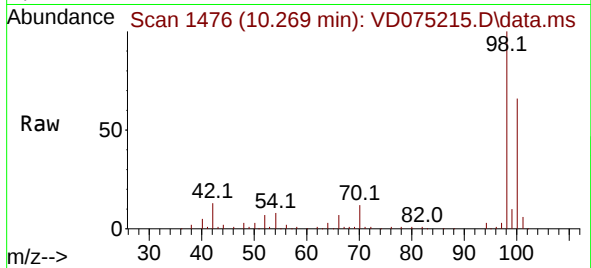




#50
Toluene-d8
Concen: 51.667 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD075215.D
Acq: 26 Jan 2023 17:18

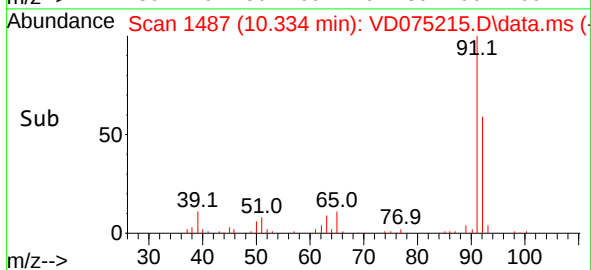
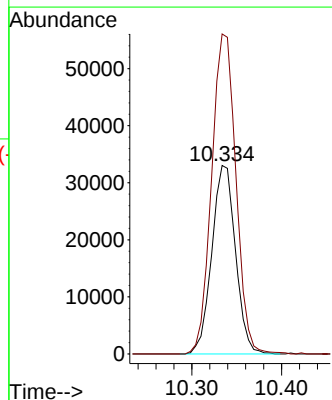
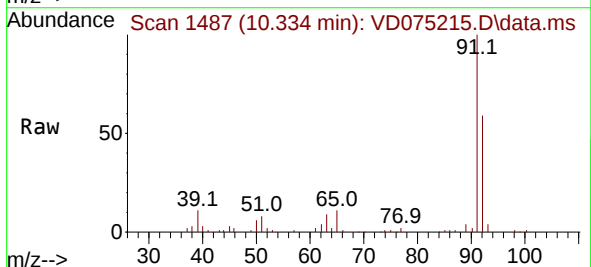
Instrument :
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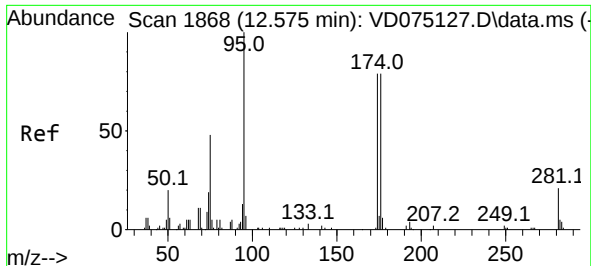
Tgt Ion: 98 Resp: 192004
Ion Ratio Lower Upper
98 100
100 65.3 52.7 79.1



#52
Toluene
Concen: 22.140 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD075215.D
Acq: 26 Jan 2023 17:18

Tgt Ion: 92 Resp: 60506
Ion Ratio Lower Upper
92 100
91 174.4 137.0 205.4

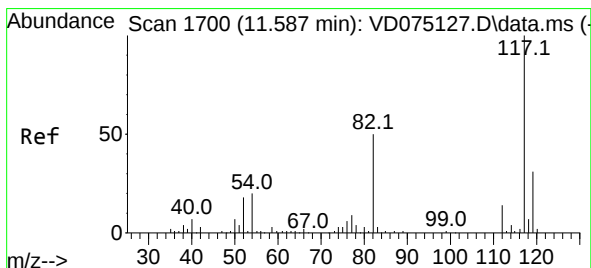
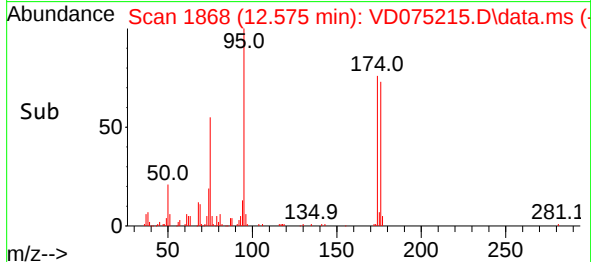
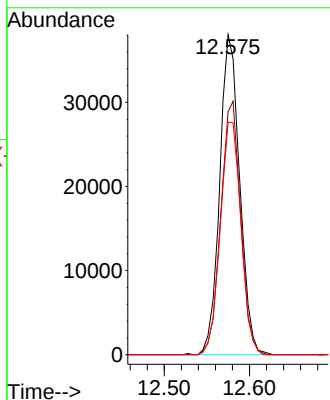
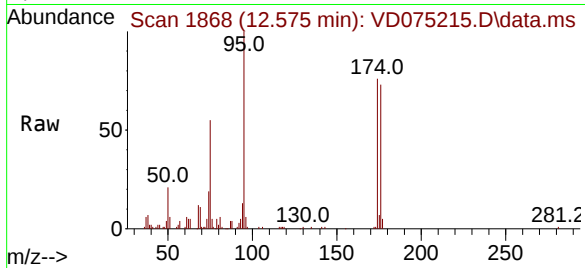




#62
4-Bromofluorobenzene
Concen: 52.520 ug/l
RT: 12.575 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075215.D
Acq: 26 Jan 2023 17:18

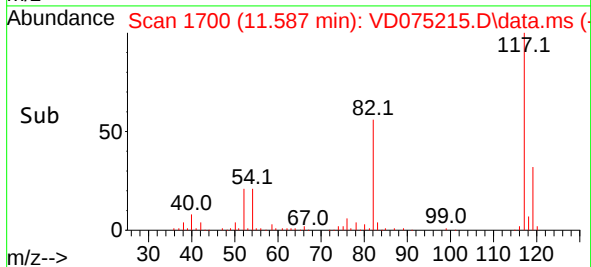
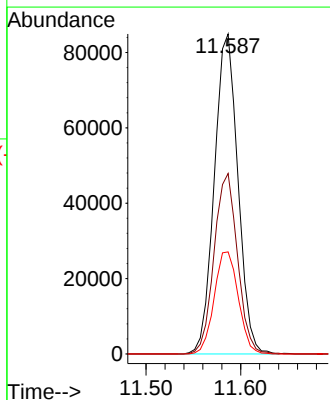
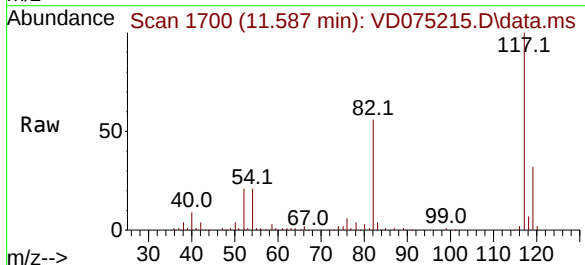
Instrument :
MSVOA_D
ClientSampleId :
DR-1-012523

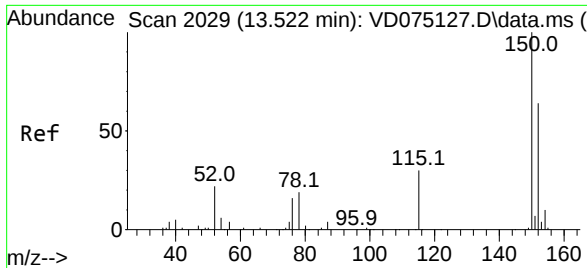
Tgt Ion: 95 Resp: 61942
Ion Ratio Lower Upper
95 100
174 78.6 0.0 161.2
176 75.3 0.0 160.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VD075215.D
Acq: 26 Jan 2023 17:18

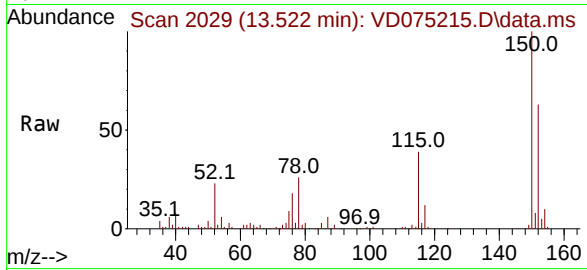
Tgt Ion: 117 Resp: 146851
Ion Ratio Lower Upper
117 100
82 56.4 39.6 59.4
119 31.9 24.6 37.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.522 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VD075215.D
 Acq: 26 Jan 2023 17:18

Instrument :
 MSVOA_D
 ClientSampleId :
 DR-1-012523



Tgt Ion:152 Resp: 61428
 Ion Ratio Lower Upper
 152 100
 115 60.9 28.8 86.4
 150 158.7 0.0 348.6

