

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062123\
 Data File : VD076511.D
 Acq On : 21 Jun 2023 14:22
 Operator : KP/SY
 Sample : 03336-07
 Misc : 5.28G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-4

Quant Time: Jun 22 01:58:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061623S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 19 04:51:45 2023
 Response via : Initial Calibration

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

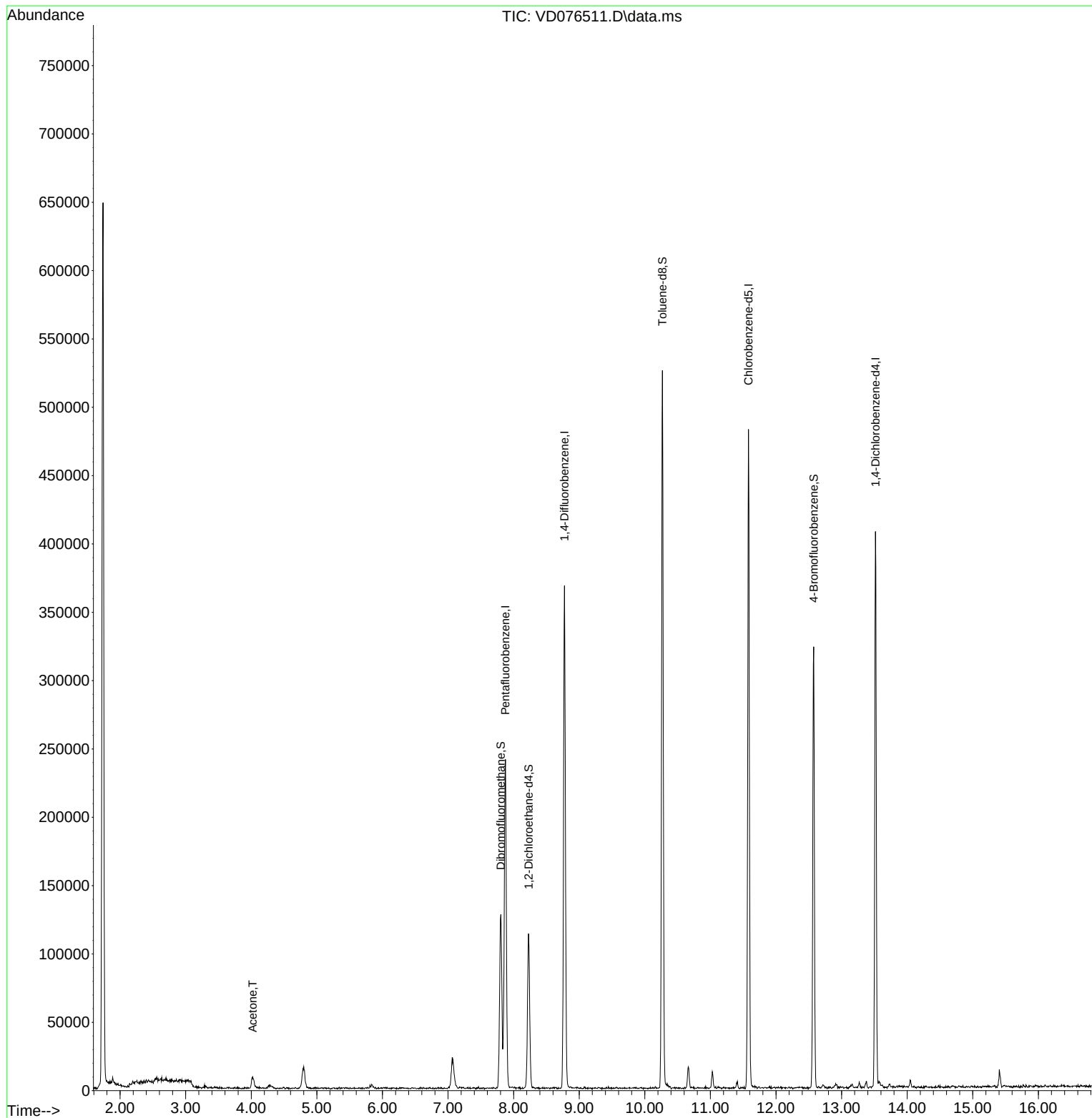
Internal Standards						
1) Pentafluorobenzene	7.875	168	185005	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	317756	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	264148	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	104003	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	84290	45.474	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.940%
35) Dibromofluoromethane	7.805	113	91082	48.251	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.500%
50) Toluene-d8	10.269	98	352496	49.238	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.480%
62) 4-Bromofluorobenzene	12.575	95	94210	40.548	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	81.100%
Target Compounds						
16) Acetone	4.023	43	14256	32.320	ug/l	Qvalue # 81

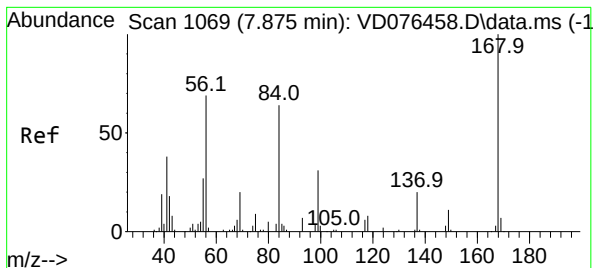
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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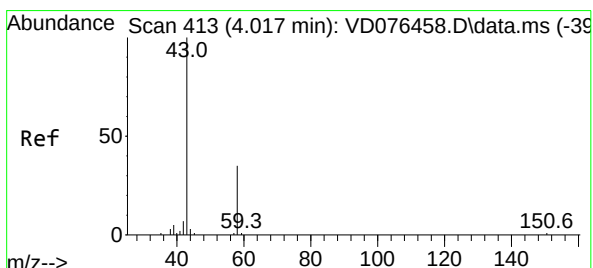
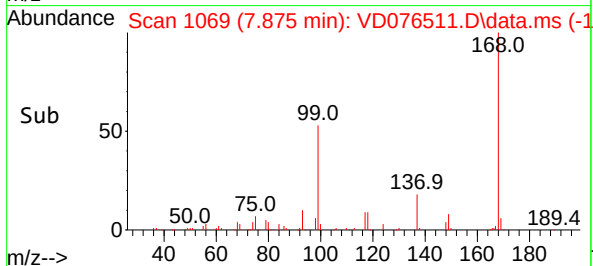
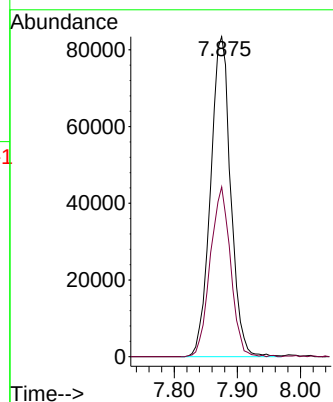
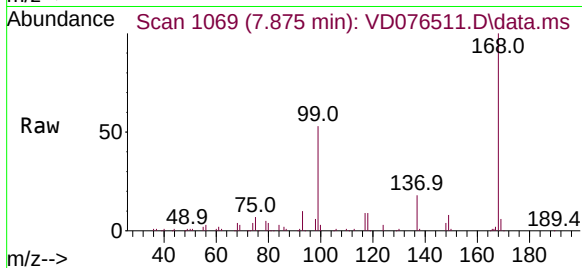




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076511.D
Acq: 21 Jun 2023 14:22

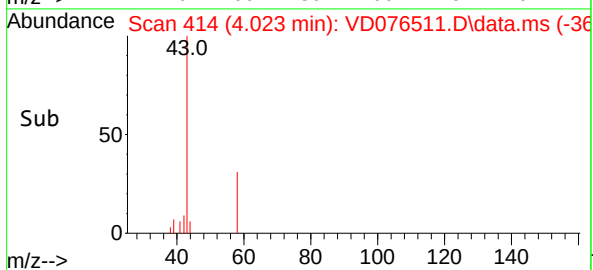
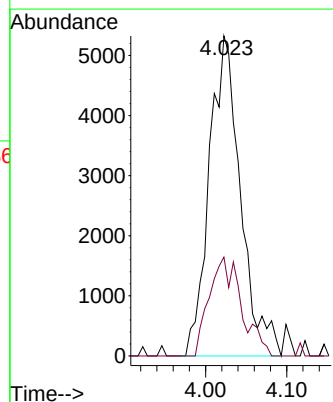
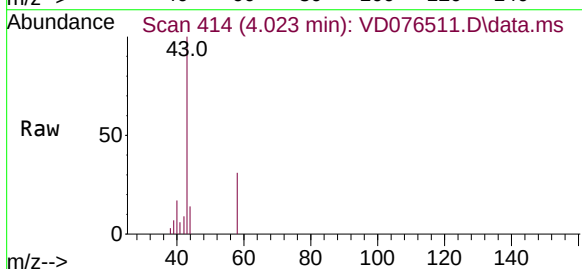
Instrument :
MSVOA_D
ClientSampleId :
WC-4

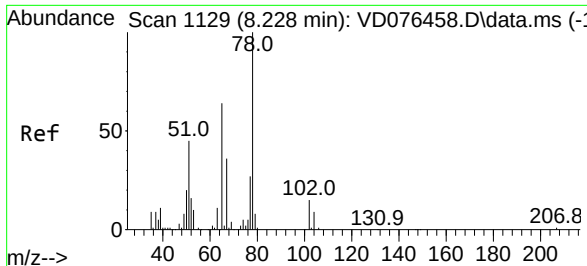
Tgt Ion:168 Resp: 185005
Ion Ratio Lower Upper
168 100
99 53.1 36.7 55.1



#16
Acetone
Concen: 32.320 ug/l
RT: 4.023 min Scan# 414
Delta R.T. 0.006 min
Lab File: VD076511.D
Acq: 21 Jun 2023 14:22

Tgt Ion: 43 Resp: 14256
Ion Ratio Lower Upper
43 100
58 30.9 34.7 52.1#





#33

1,2-Dichloroethane-d4

Concen: 45.474 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD076511.D

Acq: 21 Jun 2023 14:22

Instrument :

MSVOA_D

ClientSampleId :

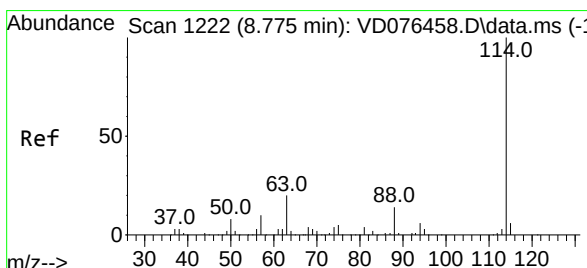
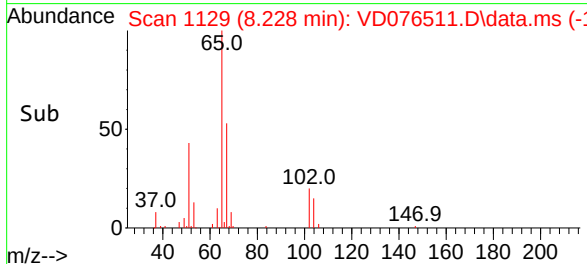
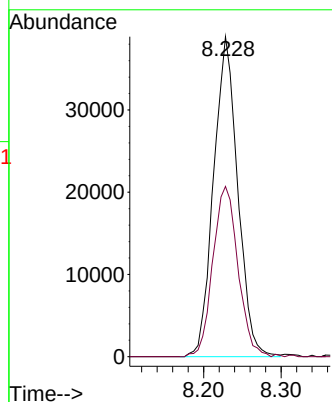
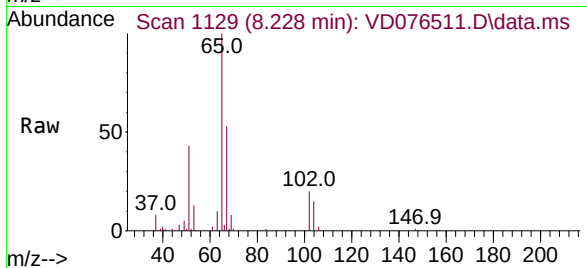
WC-4

Tgt Ion: 65 Resp: 84290

Ion Ratio Lower Upper

65 100

67 55.3 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD076511.D

Acq: 21 Jun 2023 14:22

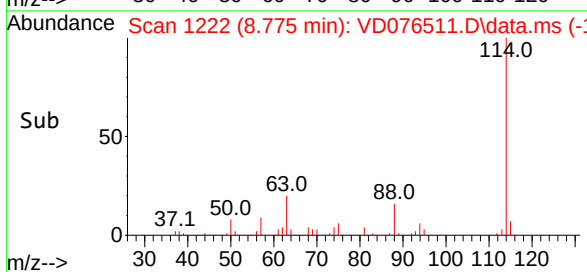
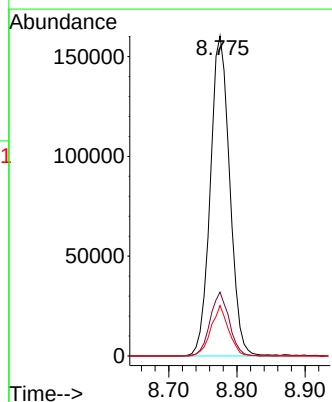
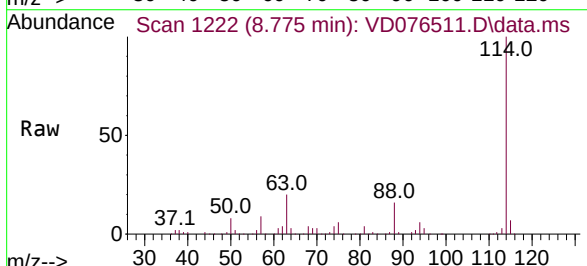
Tgt Ion: 114 Resp: 317756

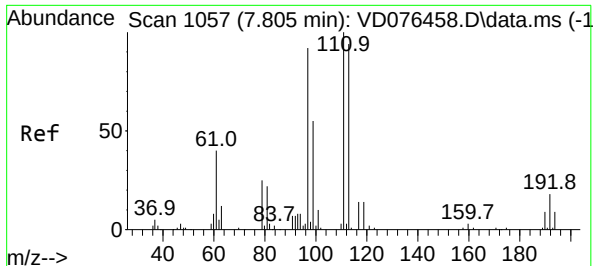
Ion Ratio Lower Upper

114 100

63 19.9 0.0 33.4

88 15.8 0.0 26.2





#35

Dibromofluoromethane

Concen: 48.251 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD076511.D

Acq: 21 Jun 2023 14:22

Instrument :

MSVOA_D

ClientSampleId :

WC-4

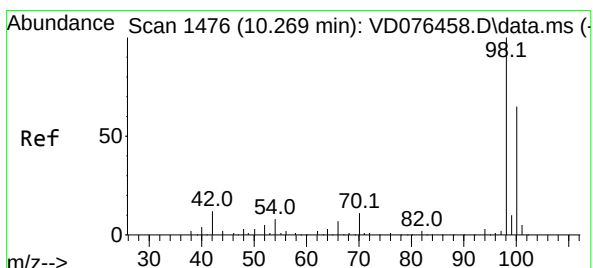
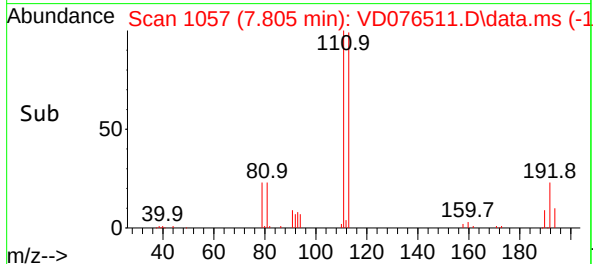
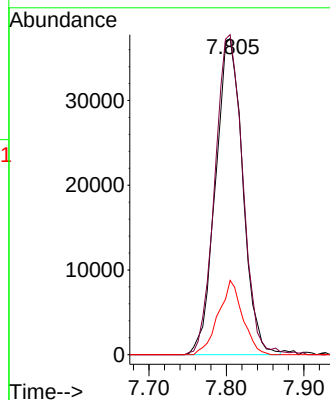
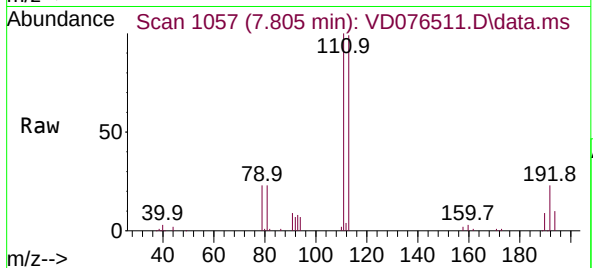
Tgt Ion:113 Resp: 91082

Ion Ratio Lower Upper

113 100

111 103.7 84.7 127.1

192 20.9 16.8 25.2



#50

Toluene-d8

Concen: 49.238 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD076511.D

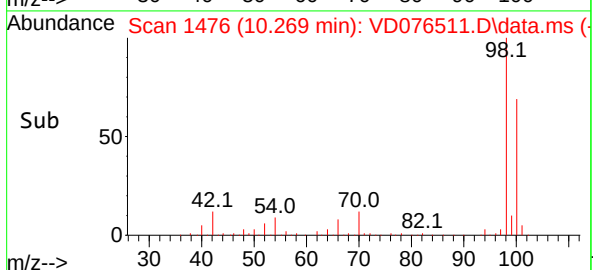
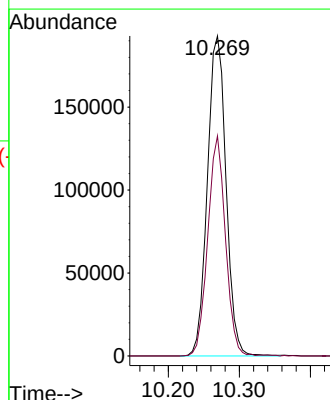
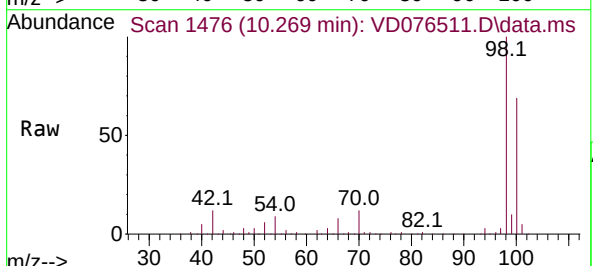
Acq: 21 Jun 2023 14:22

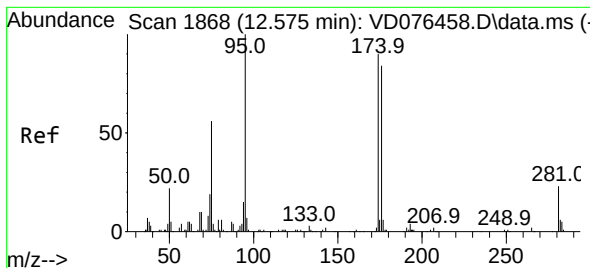
Tgt Ion: 98 Resp: 352496

Ion Ratio Lower Upper

98 100

100 65.2 50.3 75.5

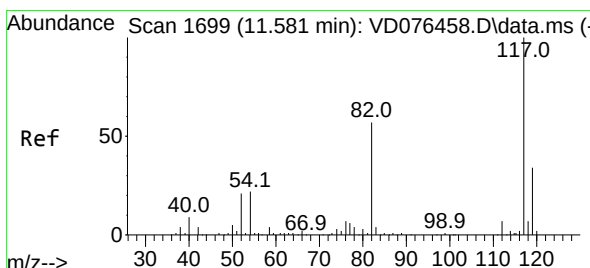
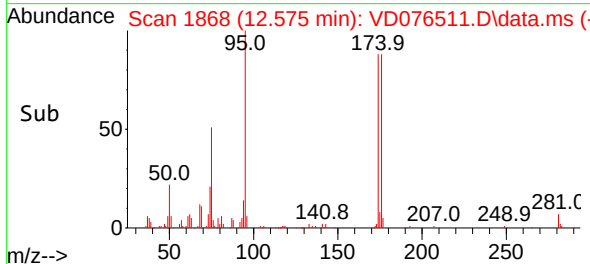
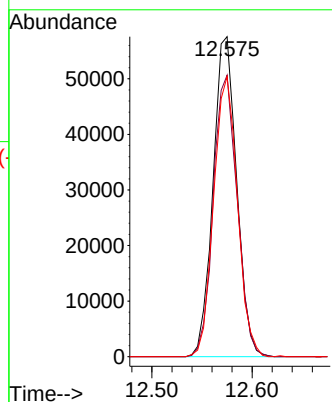
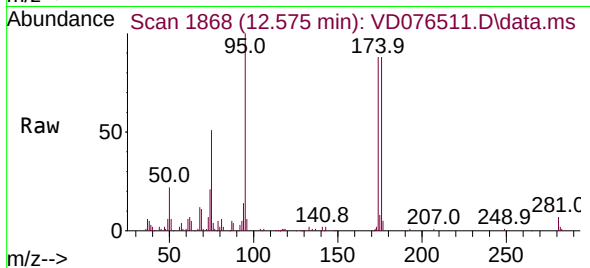




#62
4-Bromofluorobenzene
Concen: 40.548 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD076511.D
Acq: 21 Jun 2023 14:22

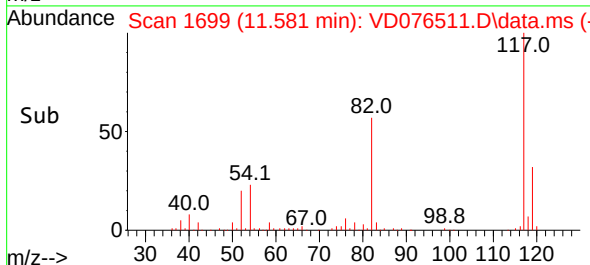
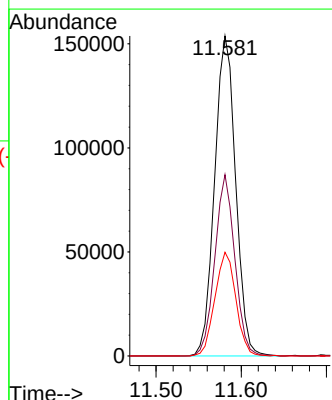
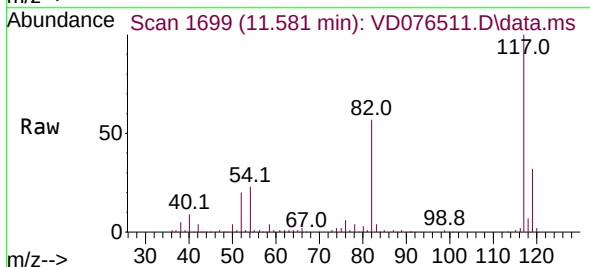
Instrument :
MSVOA_D
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WC-4

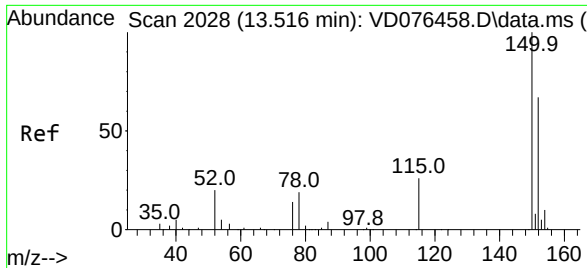
Tgt Ion: 95 Resp: 94210
Ion Ratio Lower Upper
95 100
174 88.9 0.0 201.8
176 88.0 0.0 191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD076511.D
Acq: 21 Jun 2023 14:22

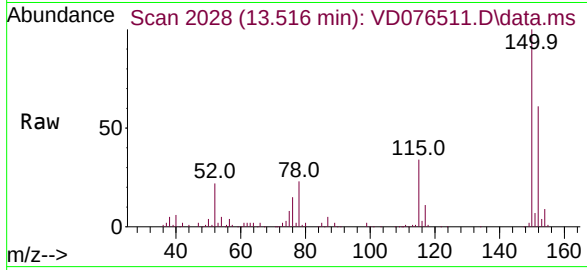
Tgt Ion: 117 Resp: 264148
Ion Ratio Lower Upper
117 100
82 56.6 38.3 57.5
119 32.4 25.0 37.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VD076511.D
 Acq: 21 Jun 2023 14:22

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-4



Tgt Ion:152 Resp: 104003
 Ion Ratio Lower Upper
 152 100
 115 57.1 27.1 81.3
 150 164.6 0.0 353.6

