

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062023\
 Data File : VD076487.D
 Acq On : 20 Jun 2023 12:46
 Operator : KP/SY
 Sample : 03289-16
 Misc : 5.04G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-06-12.0-14.0

Quant Time: Jun 21 06:45:01 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)

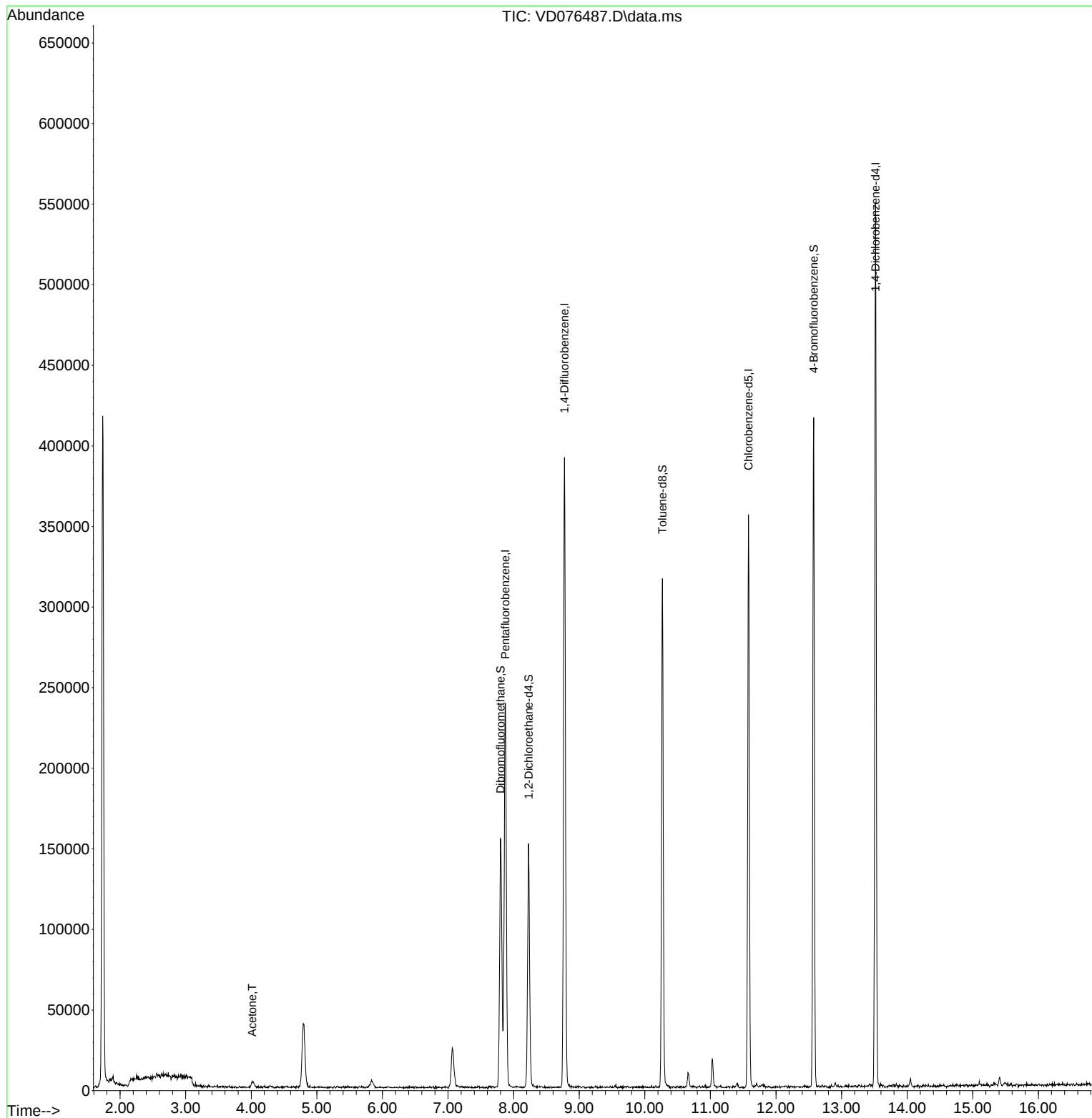
Internal Standards						
1) Pentafluorobenzene	7.875	168	191040	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	346068	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	198104	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	141052	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	102098	53.341	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.680%	
35) Dibromofluoromethane	7.799	113	107612	52.344	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.680%	
50) Toluene-d8	10.269	98	213802	27.422	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 54.840%#	
62) 4-Bromofluorobenzene	12.575	95	121441	47.993	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 95.980%	
Target Compounds						
16) Acetone	4.017	43	6550	14.381	ug/l	Qvalue # 75

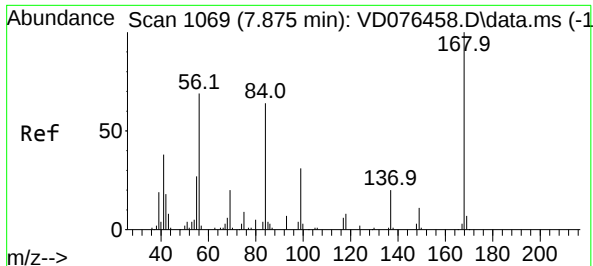
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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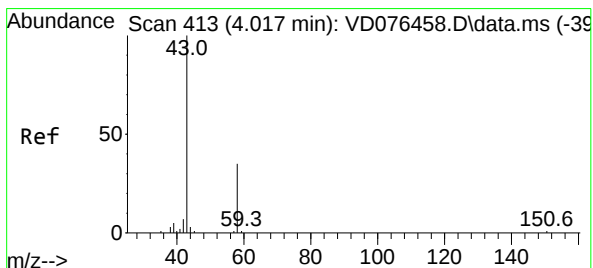
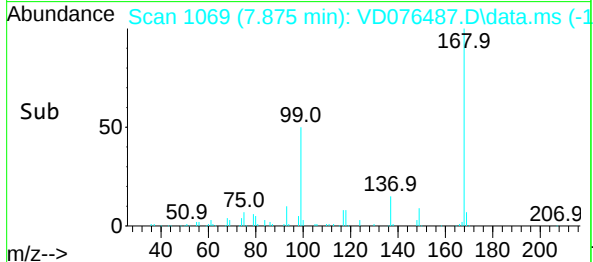
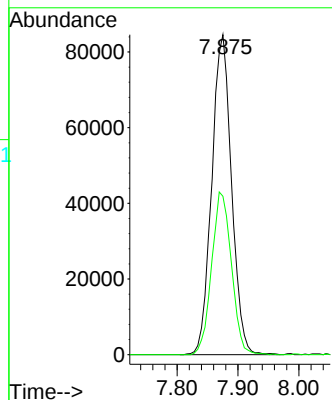
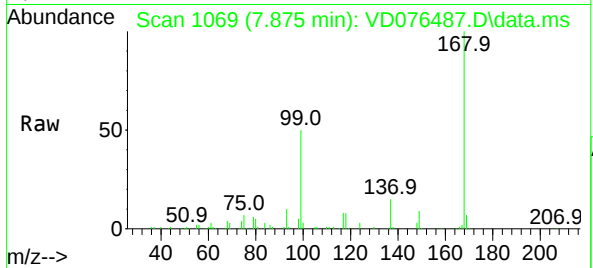




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076487.D
Acq: 20 Jun 2023 12:46

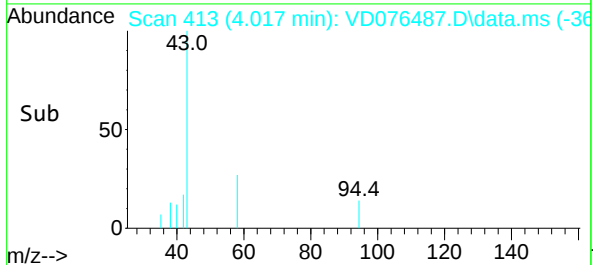
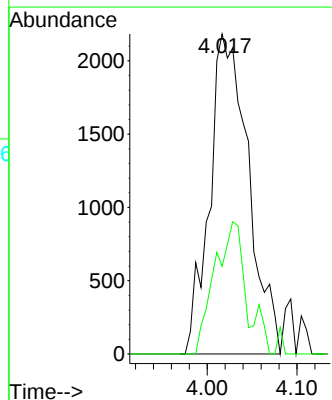
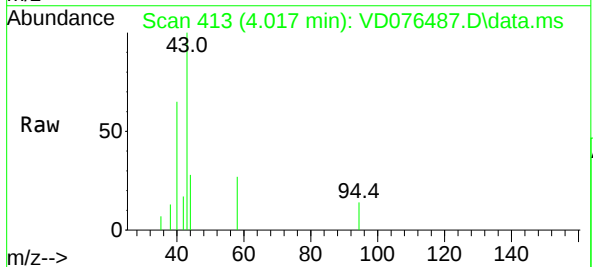
Instrument :
MSVOA_D
ClientSampleId :
SB-06-12.0-14.0

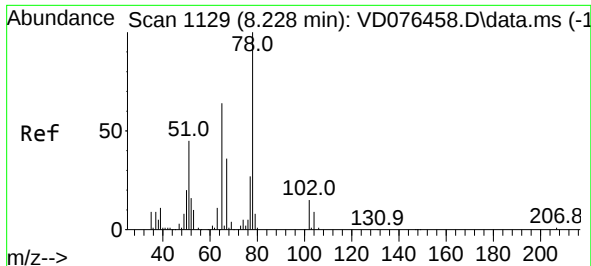
Tgt Ion:168 Resp: 191040
Ion Ratio Lower Upper
168 100
99 49.5 36.7 55.1



#16
Acetone
Concen: 14.381 ug/l
RT: 4.017 min Scan# 413
Delta R.T. 0.000 min
Lab File: VD076487.D
Acq: 20 Jun 2023 12:46

Tgt Ion: 43 Resp: 6550
Ion Ratio Lower Upper
43 100
58 27.4 34.7 52.1#





#33

1,2-Dichloroethane-d4

Concen: 53.341 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD076487.D

Acq: 20 Jun 2023 12:46

Instrument :

MSVOA_D

ClientSampleId :

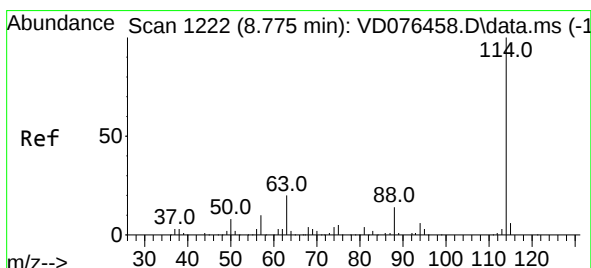
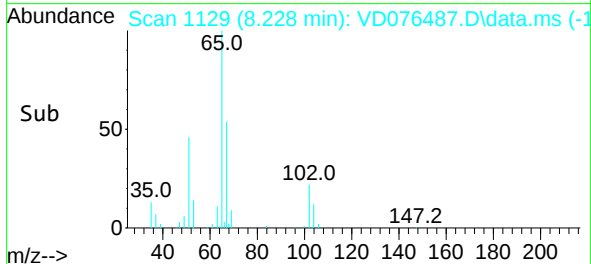
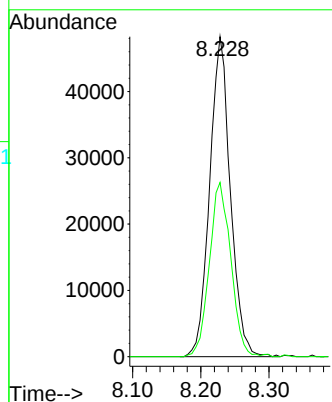
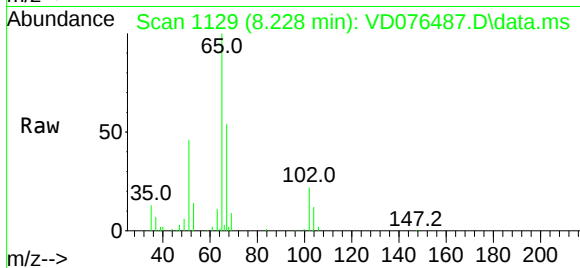
SB-06-12.0-14.0

Tgt Ion: 65 Resp: 102098

Ion Ratio Lower Upper

65 100

67 56.3 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: VD076487.D

Acq: 20 Jun 2023 12:46

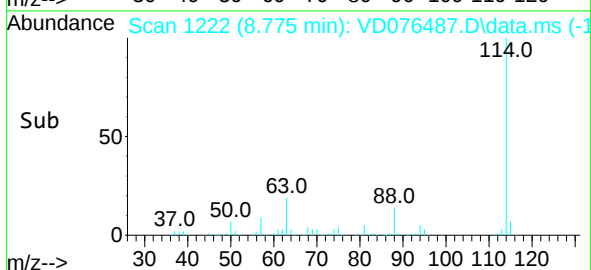
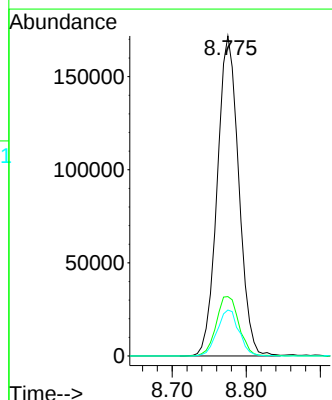
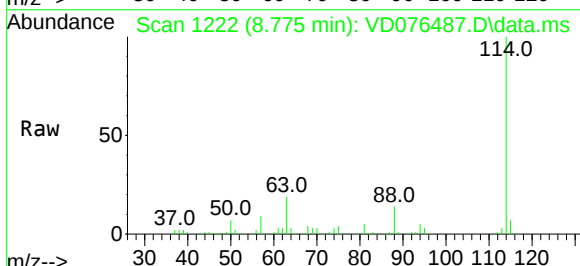
Tgt Ion: 114 Resp: 346068

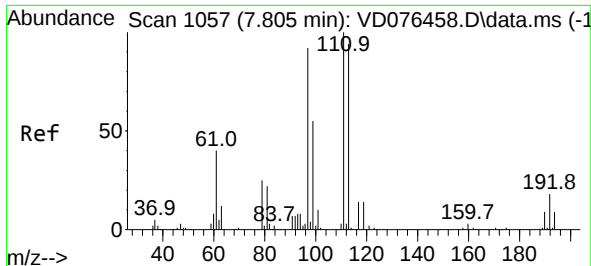
Ion Ratio Lower Upper

114 100

63 18.5 0.0 33.4

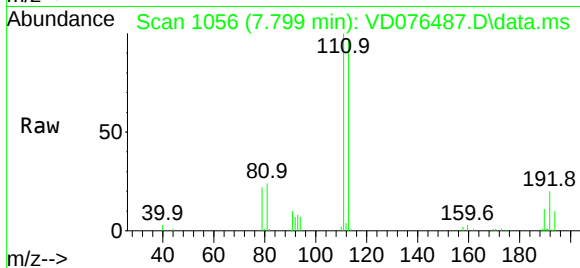
88 14.3 0.0 26.2



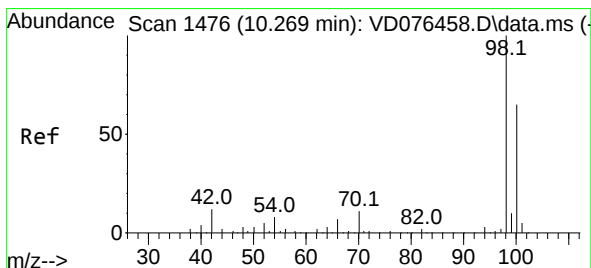
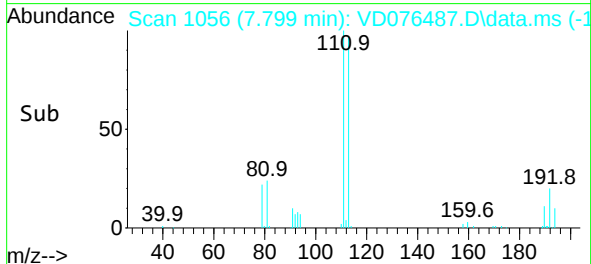
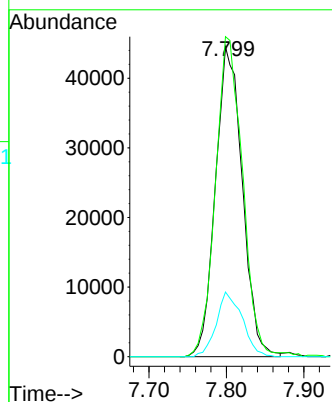


#35
 Dibromofluoromethane
 Concen: 52.344 ug/l
 RT: 7.799 min Scan# 1056
 Delta R.T. -0.006 min
 Lab File: VD076487.D
 Acq: 20 Jun 2023 12:46

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-06-12.0-14.0

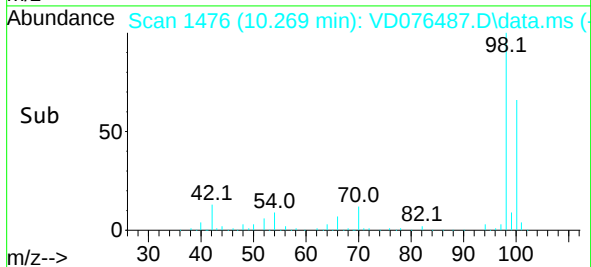
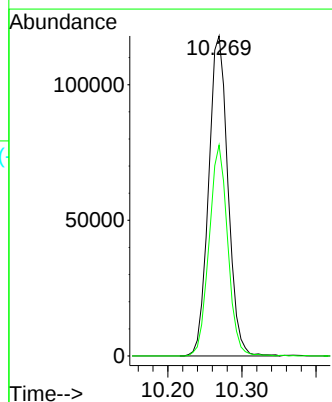
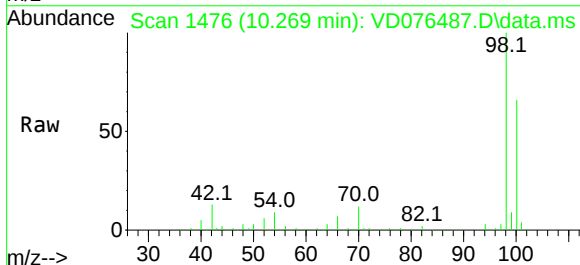


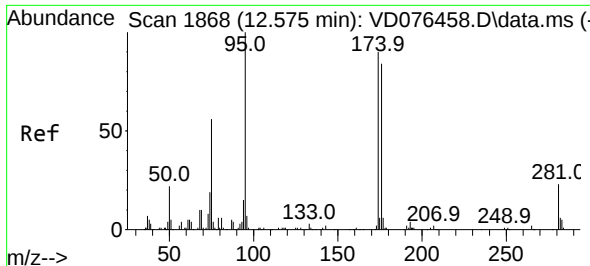
Tgt Ion:113 Resp: 107612
 Ion Ratio Lower Upper
 113 100
 111 104.0 84.7 127.1
 192 20.1 16.8 25.2



#50
 Toluene-d8
 Concen: 27.422 ug/l
 RT: 10.269 min Scan# 1476
 Delta R.T. 0.000 min
 Lab File: VD076487.D
 Acq: 20 Jun 2023 12:46

Tgt Ion: 98 Resp: 213802
 Ion Ratio Lower Upper
 98 100
 100 63.3 50.3 75.5

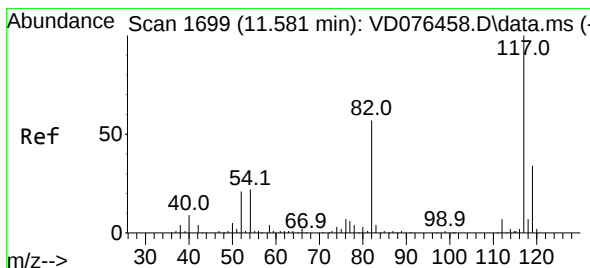
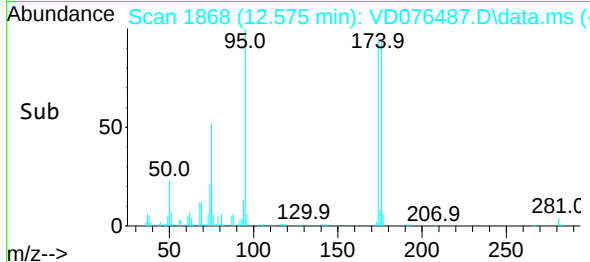
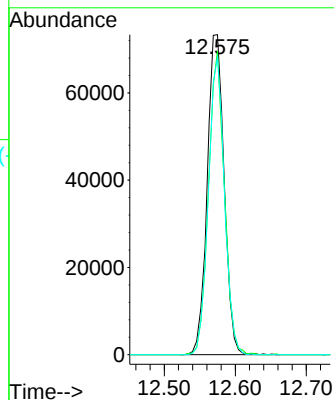
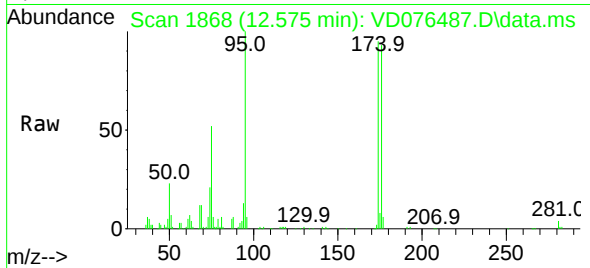




#62
4-Bromofluorobenzene
Concen: 47.993 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD076487.D
Acq: 20 Jun 2023 12:46

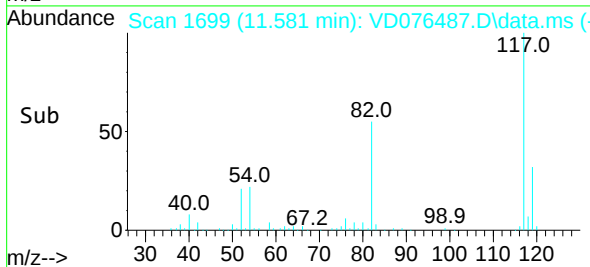
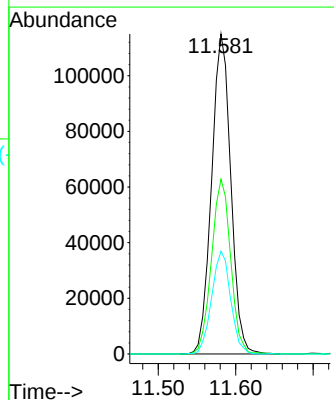
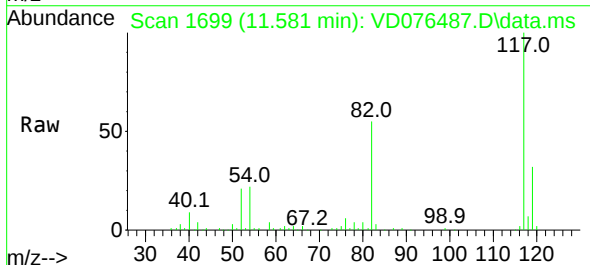
Instrument :
MSVOA_D
ClientSampleId :
SB-06-12.0-14.0

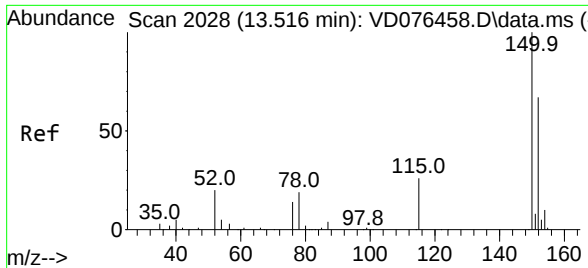
Tgt Ion: 95 Resp: 121441
Ion Ratio Lower Upper
95 100
174 89.4 0.0 201.8
176 88.4 0.0 191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD076487.D
Acq: 20 Jun 2023 12:46

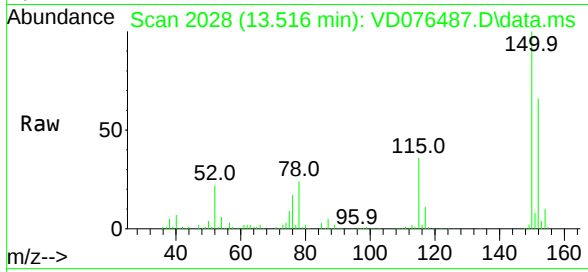
Tgt Ion: 117 Resp: 198104
Ion Ratio Lower Upper
117 100
82 54.6 38.3 57.5
119 32.1 25.0 37.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VD076487.D
 Acq: 20 Jun 2023 12:46

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-06-12.0-14.0



Tgt Ion:152 Resp: 141052
 Ion Ratio Lower Upper
 152 100
 115 56.7 27.1 81.3
 150 157.8 0.0 353.6

