

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062123\
 Data File : VD076520.D
 Acq On : 21 Jun 2023 18:51
 Operator : KP/SY
 Sample : 03355-03
 Misc : 5.05G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-02-6.5-7.0

Quant Time: Jun 22 02:02:20 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)

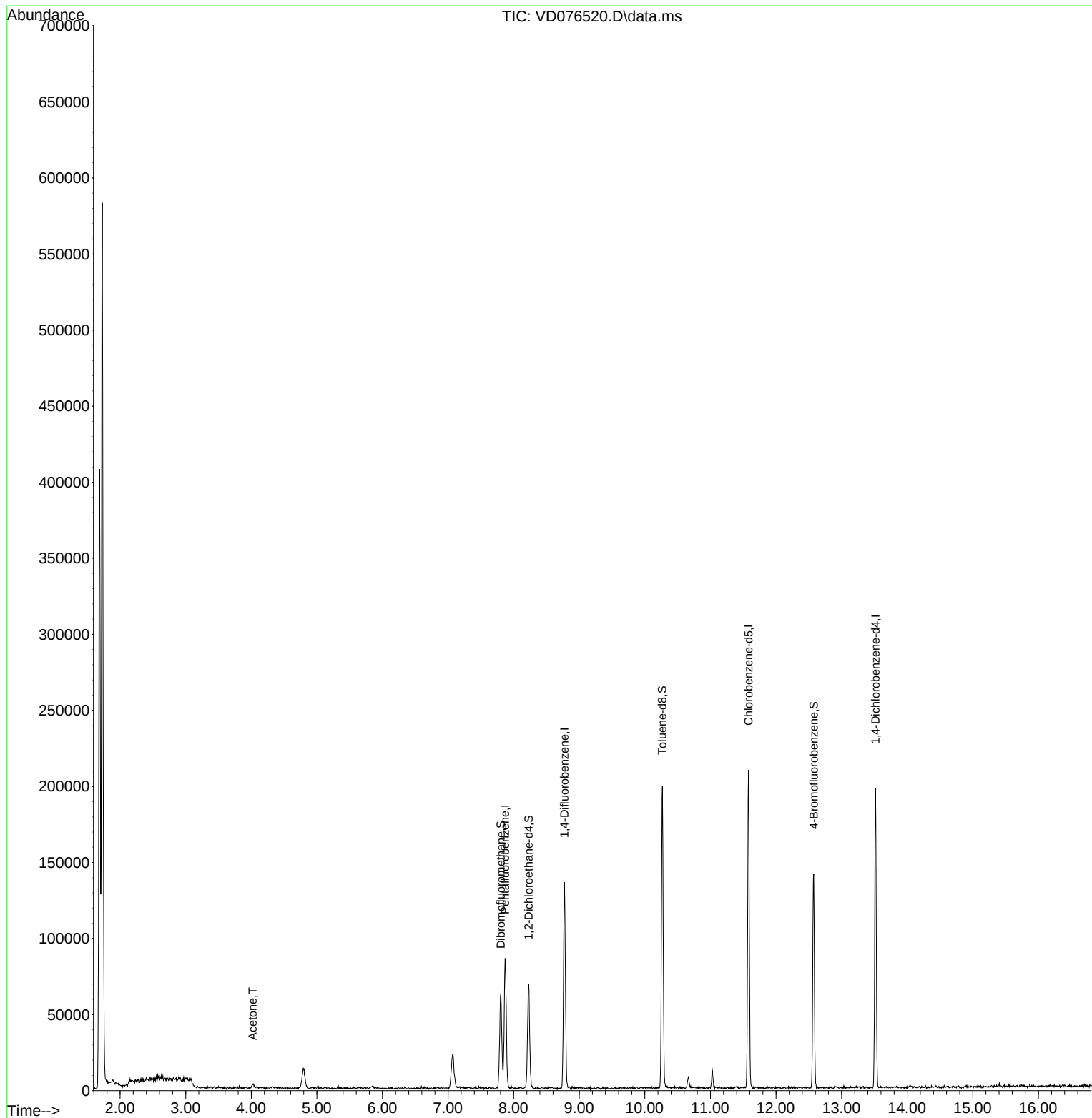
Internal Standards						
1) Pentafluorobenzene	7.869	168	65863	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	116156	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	116203	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	50667	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	52306	79.265	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 158.520%	
35) Dibromofluoromethane	7.804	113	42901	62.171	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 124.340%	
50) Toluene-d8	10.263	98	136593	52.195	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 104.400%	
62) 4-Bromofluorobenzene	12.575	95	42656	50.224	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 100.440%	
Target Compounds						
16) Acetone	4.022	43	4297	27.364	ug/l	Qvalue # 84

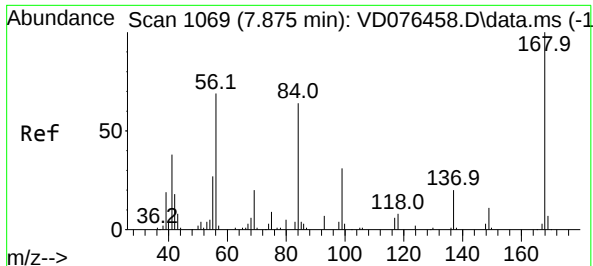
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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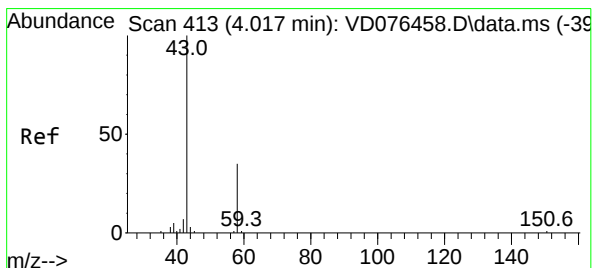
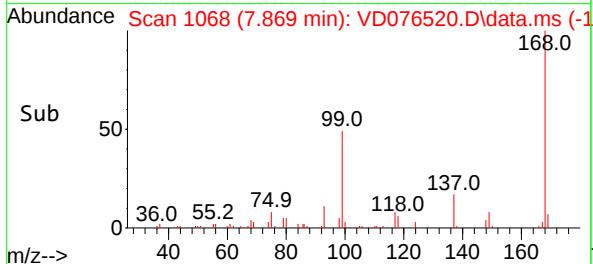
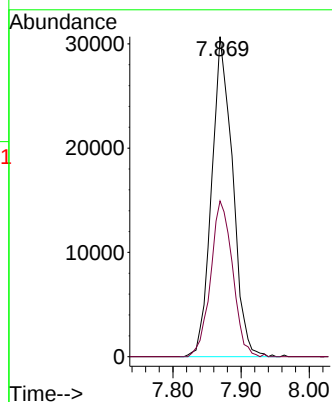
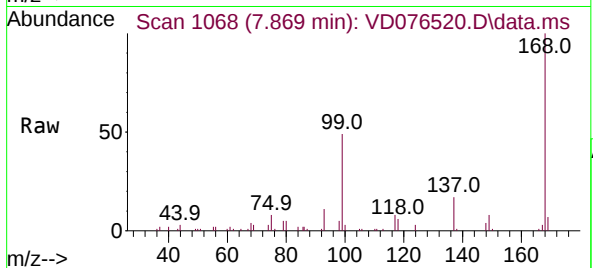




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VD076520.D
Acq: 21 Jun 2023 18:51

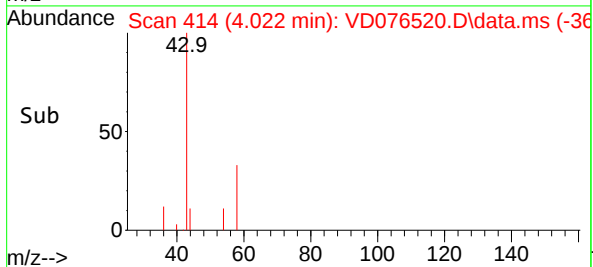
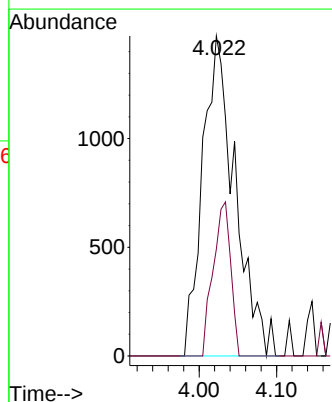
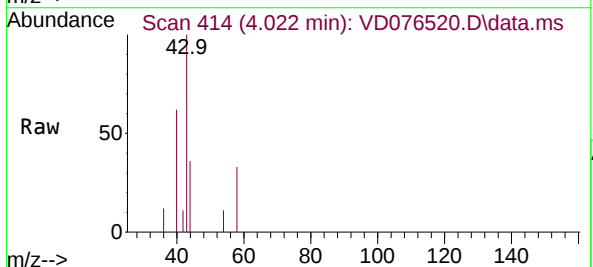
Instrument :
MSVOA_D
ClientSampleId :
SB-02-6.5-7.0

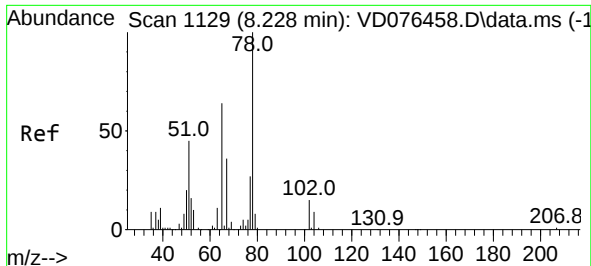
Tgt Ion:168 Resp: 65863
Ion Ratio Lower Upper
168 100
99 48.7 36.7 55.1



#16
Acetone
Concen: 27.364 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.006 min
Lab File: VD076520.D
Acq: 21 Jun 2023 18:51

Tgt Ion: 43 Resp: 4297
Ion Ratio Lower Upper
43 100
58 33.4 34.7 52.1#





#33

1,2-Dichloroethane-d4

Concen: 79.265 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD076520.D

Acq: 21 Jun 2023 18:51

Instrument :

MSVOA_D

ClientSampleId :

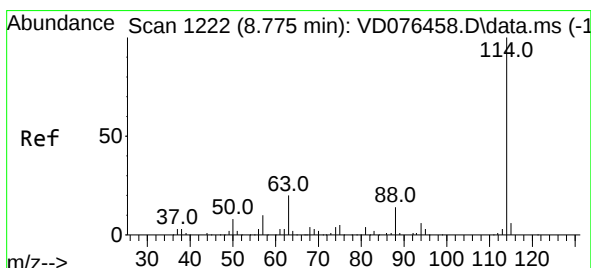
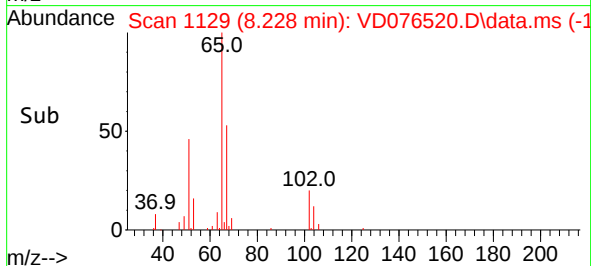
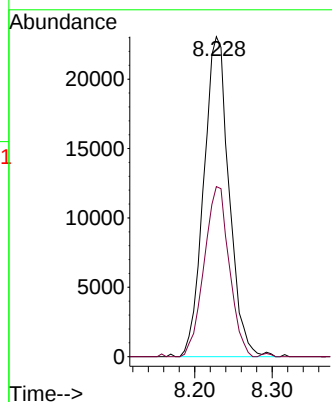
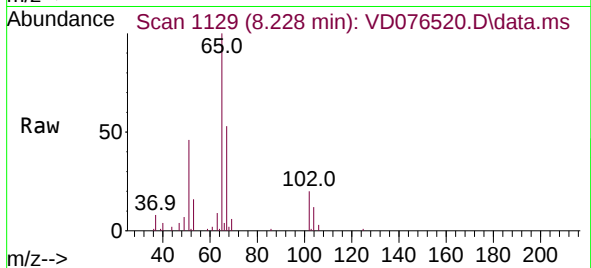
SB-02-6.5-7.0

Tgt Ion: 65 Resp: 52306

Ion Ratio Lower Upper

65 100

67 52.6 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: VD076520.D

Acq: 21 Jun 2023 18:51

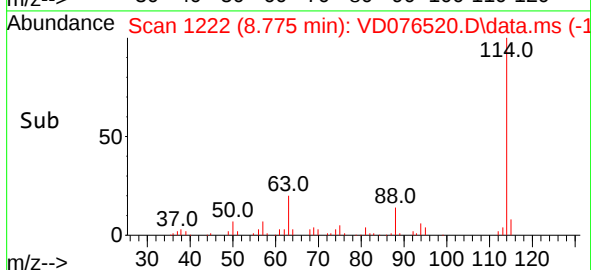
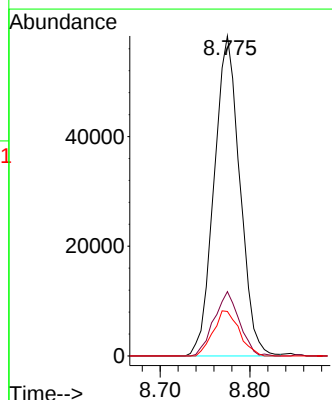
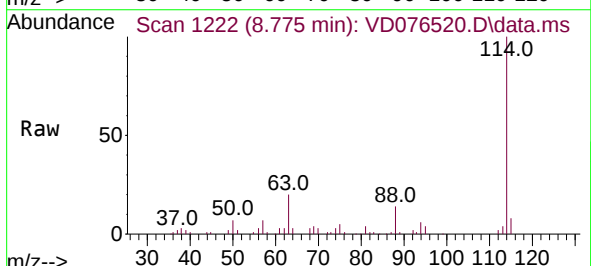
Tgt Ion: 114 Resp: 116156

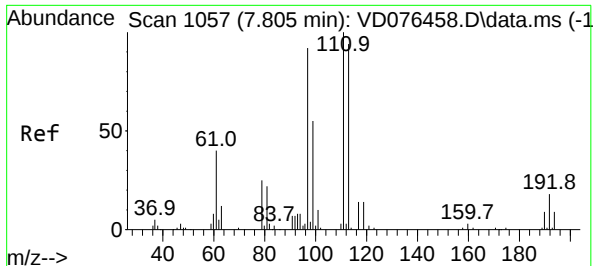
Ion Ratio Lower Upper

114 100

63 20.1 0.0 33.4

88 13.9 0.0 26.2

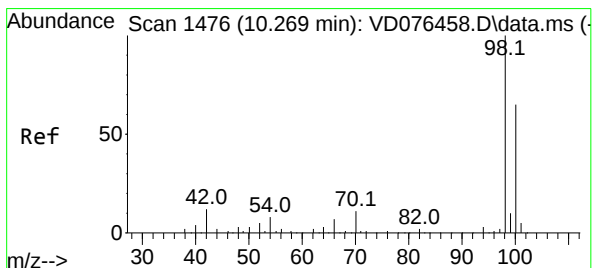
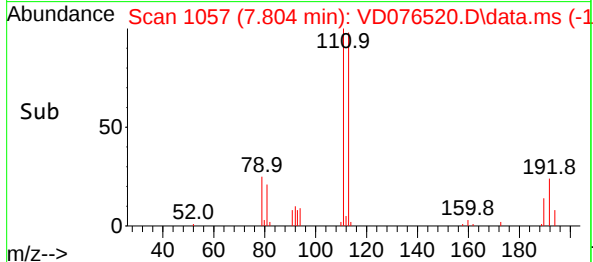
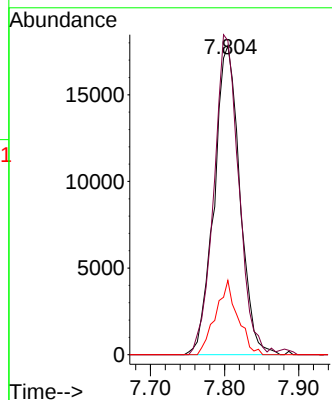
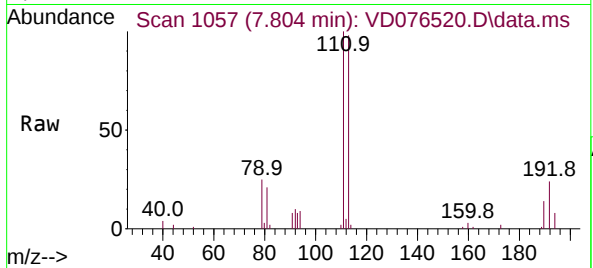




#35
 Dibromofluoromethane
 Concen: 62.171 ug/l
 RT: 7.804 min Scan# 1057
 Delta R.T. -0.000 min
 Lab File: VD076520.D
 Acq: 21 Jun 2023 18:51

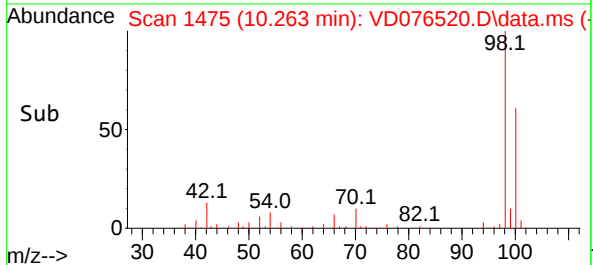
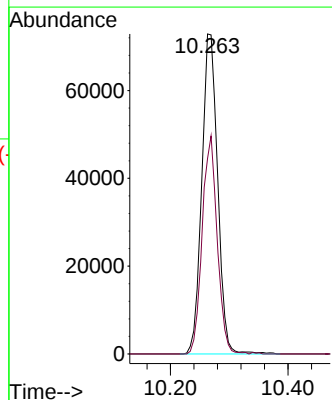
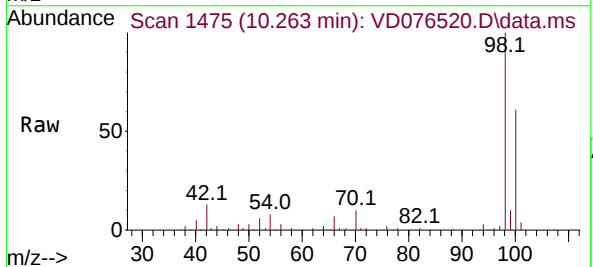
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-02-6.5-7.0

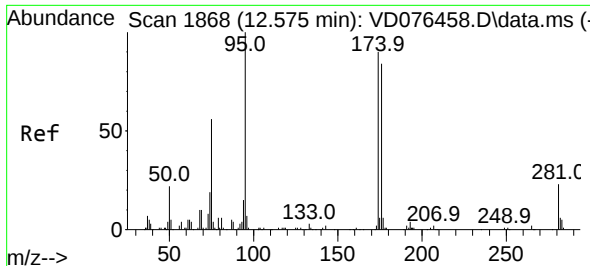
Tgt Ion:	113	Resp:	42901
Ion	Ratio	Lower	Upper
113	100		
111	100.6	84.7	127.1
192	20.7	16.8	25.2



#50
 Toluene-d8
 Concen: 52.195 ug/l
 RT: 10.263 min Scan# 1475
 Delta R.T. -0.006 min
 Lab File: VD076520.D
 Acq: 21 Jun 2023 18:51

Tgt Ion:	98	Resp:	136593
Ion	Ratio	Lower	Upper
98	100		
100	64.5	50.3	75.5

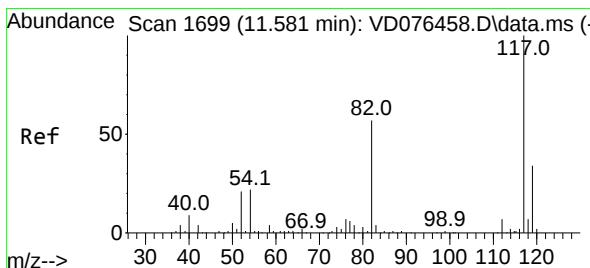
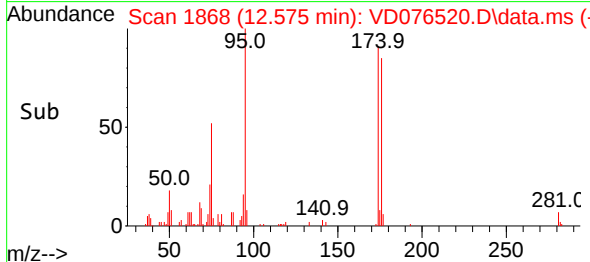
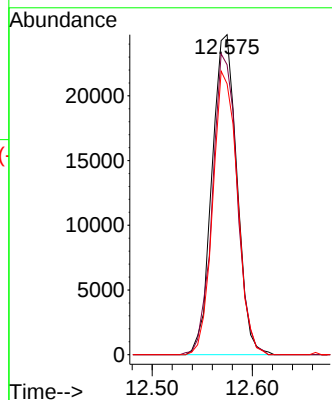
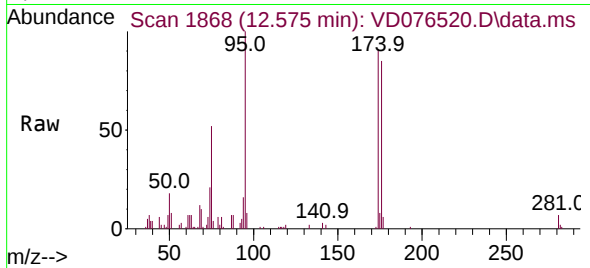




#62
4-Bromofluorobenzene
Concen: 50.224 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076520.D
Acq: 21 Jun 2023 18:51

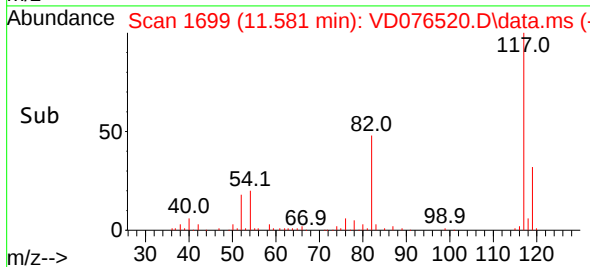
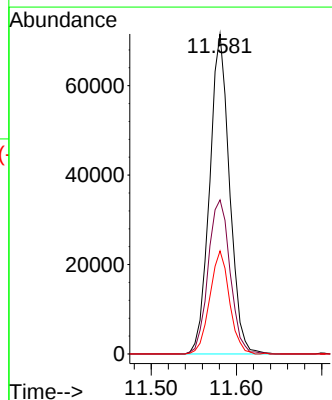
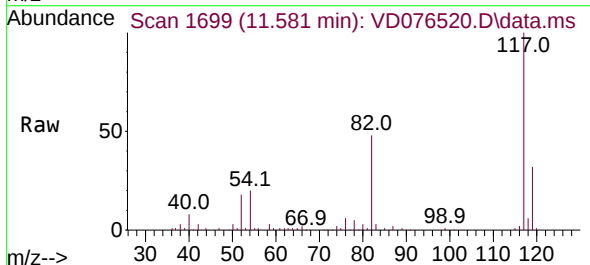
Instrument :
MSVOA_D
ClientSampleId :
SB-02-6.5-7.0

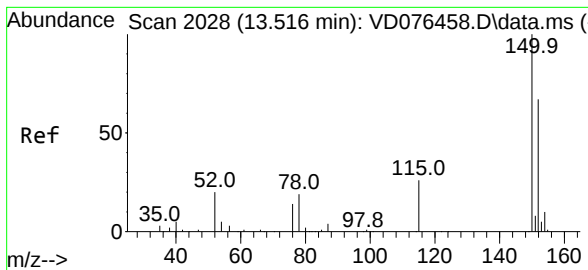
Tgt Ion: 95 Resp: 42656
Ion Ratio Lower Upper
95 100
174 92.8 0.0 201.8
176 87.2 0.0 191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076520.D
Acq: 21 Jun 2023 18:51

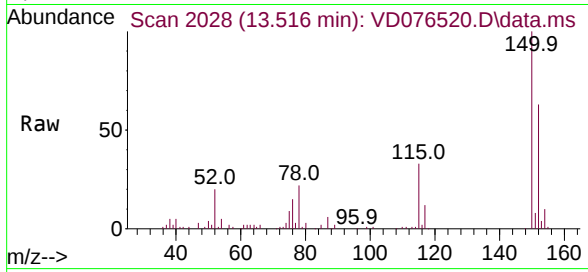
Tgt Ion: 117 Resp: 116203
Ion Ratio Lower Upper
117 100
82 48.1 38.3 57.5
119 32.2 25.0 37.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VD076520.D
 Acq: 21 Jun 2023 18:51

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-02-6.5-7.0



Tgt Ion:152 Resp: 50667
 Ion Ratio Lower Upper
 152 100
 115 57.0 27.1 81.3
 150 161.9 0.0 353.6

