

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062123\
 Data File : VD076522.D
 Acq On : 21 Jun 2023 19:52
 Operator : KP/SY
 Sample : 03355-07
 Misc : 5.08G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-04-6.5-7.0

Quant Time: Jun 22 02:03:06 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)

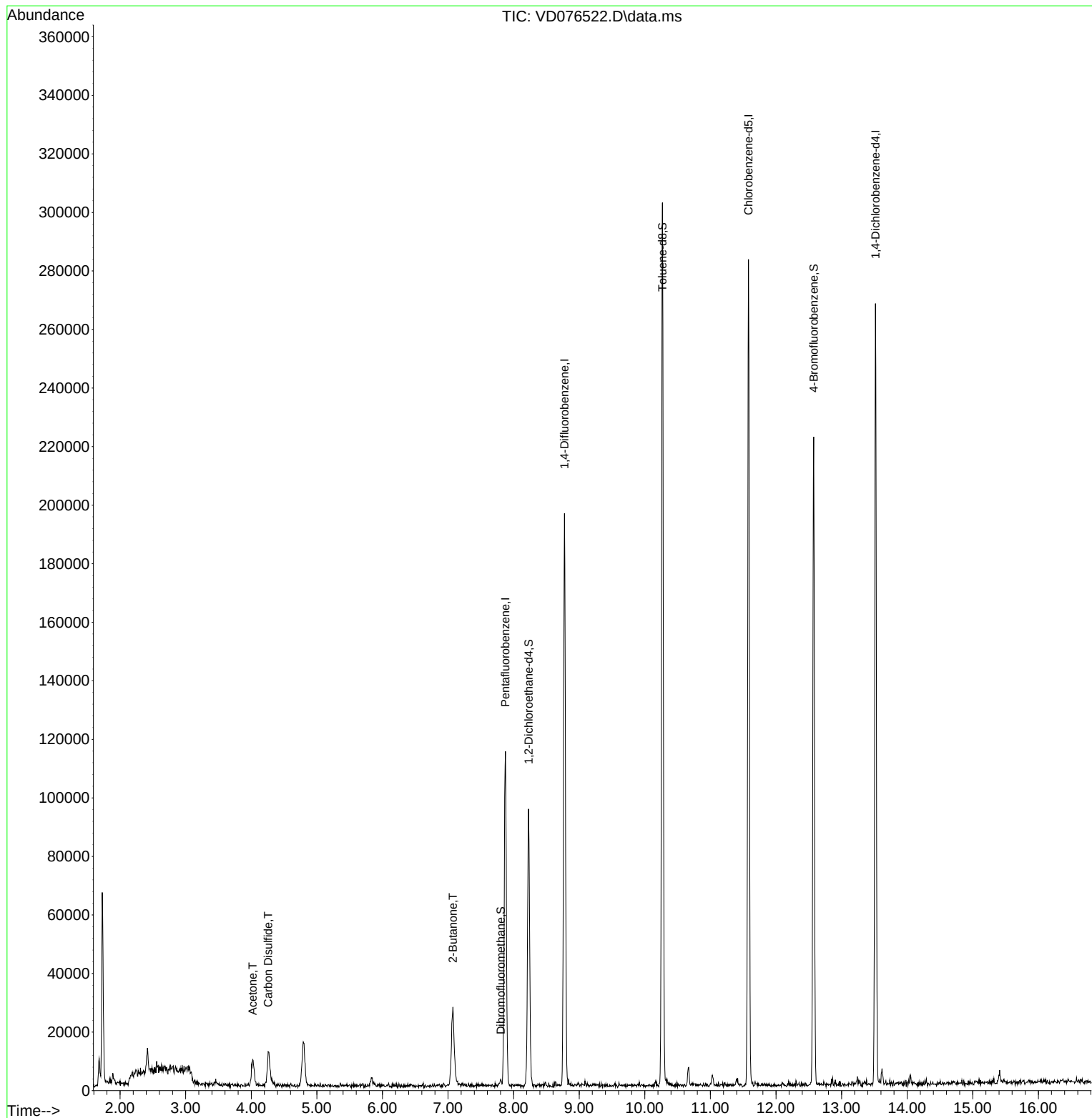
Internal Standards						
1) Pentafluorobenzene	7.875	168	87653	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	166825	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	157981	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	70472	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	70079	79.798	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	159.600%
35) Dibromofluoromethane	7.805	113	1713	1.728	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	3.460%#
50) Toluene-d8	10.269	98	208207	55.396	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	110.800%
62) 4-Bromofluorobenzene	12.575	95	64930	53.230	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	106.460%
Target Compounds						
					Qvalue	
16) Acetone	4.022	43	16255	77.783	ug/l #	84
17) Carbon Disulfide	4.258	76	21937	10.010	ug/l #	87
25) 2-Butanone	7.075	43	5764	17.833	ug/l	99

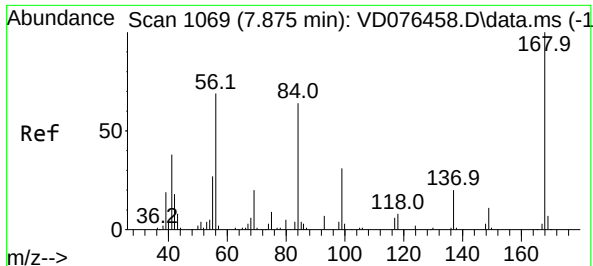
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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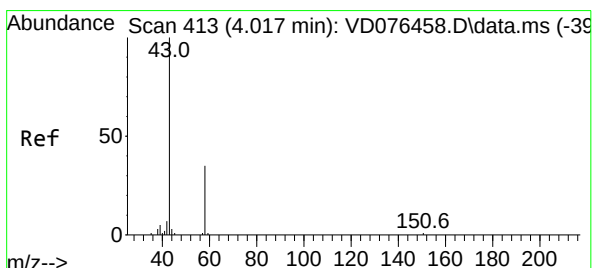
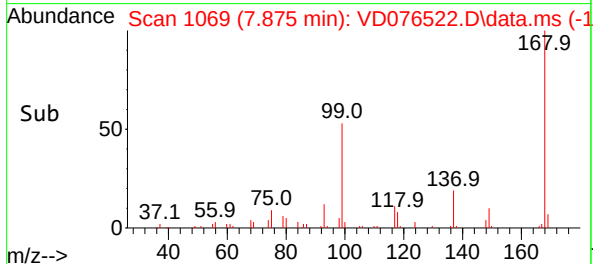
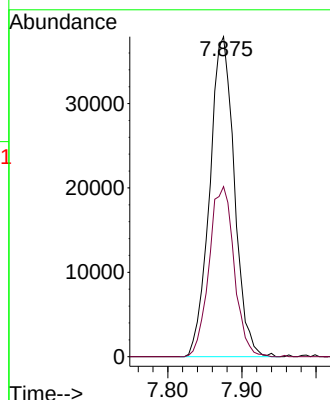
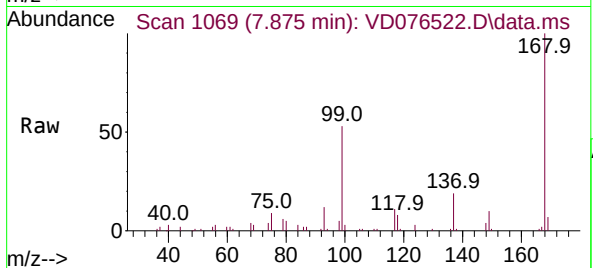




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076522.D
Acq: 21 Jun 2023 19:52

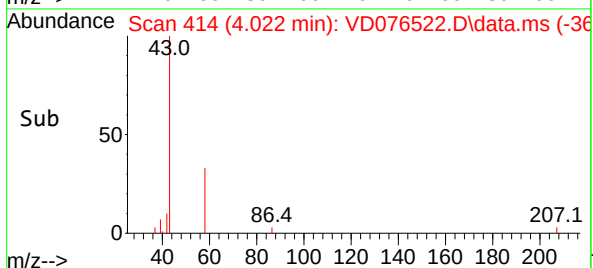
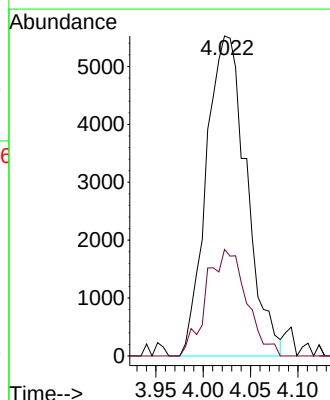
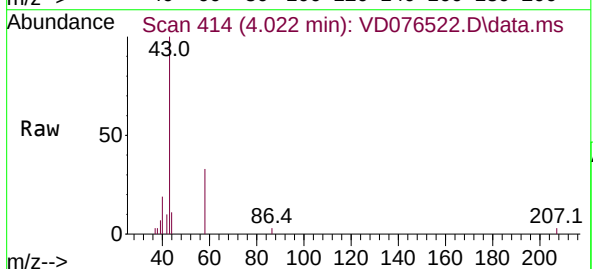
Instrument :
MSVOA_D
ClientSampleId :
SB-04-6.5-7.0

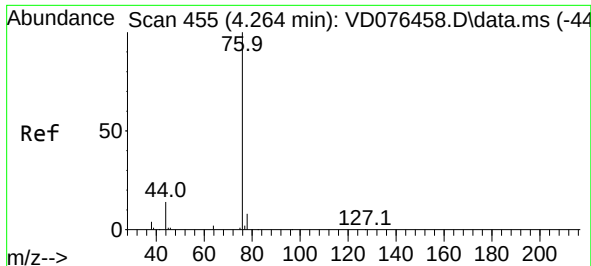
Tgt Ion:168 Resp: 87653
Ion Ratio Lower Upper
168 100
99 53.2 36.7 55.1



#16
Acetone
Concen: 77.783 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.006 min
Lab File: VD076522.D
Acq: 21 Jun 2023 19:52

Tgt Ion: 43 Resp: 16255
Ion Ratio Lower Upper
43 100
58 33.3 34.7 52.1#

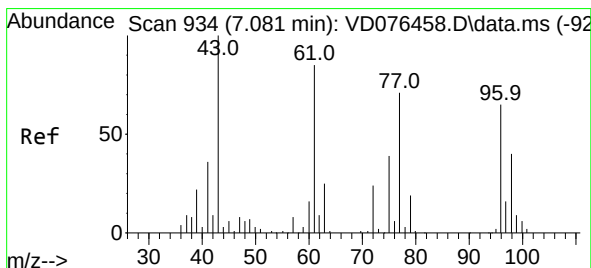
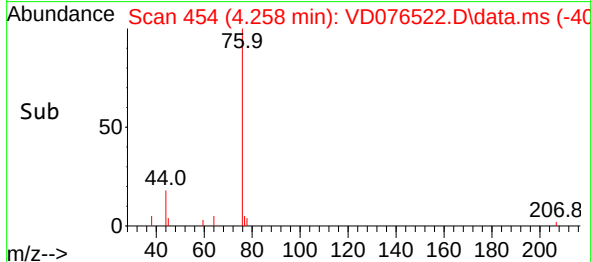
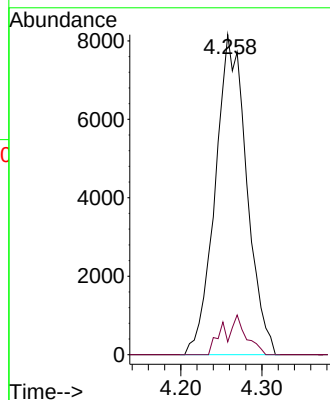
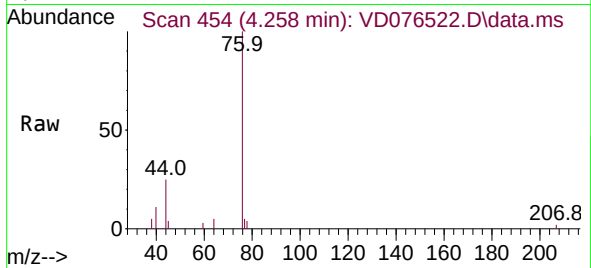




#17
Carbon Disulfide
Concen: 10.010 ug/l
RT: 4.258 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD076522.D
Acq: 21 Jun 2023 19:52

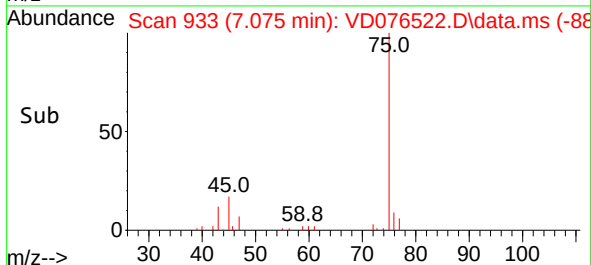
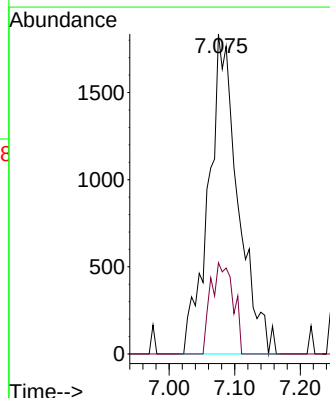
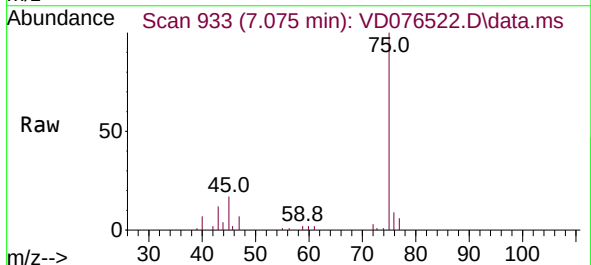
Instrument :
MSVOA_D
ClientSampleId :
SB-04-6.5-7.0

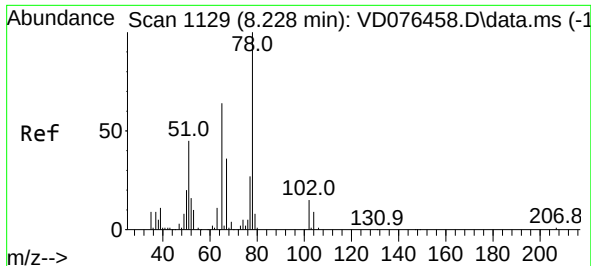
Tgt Ion: 76 Resp: 21937
Ion Ratio Lower Upper
76 100
78 4.0 6.8 10.2#



#25
2-Butanone
Concen: 17.833 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.006 min
Lab File: VD076522.D
Acq: 21 Jun 2023 19:52

Tgt Ion: 43 Resp: 5764
Ion Ratio Lower Upper
43 100
72 37.9 30.7 46.1





#33

1,2-Dichloroethane-d4

Concen: 79.798 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD076522.D

Acq: 21 Jun 2023 19:52

Instrument :

MSVOA_D

ClientSampleId :

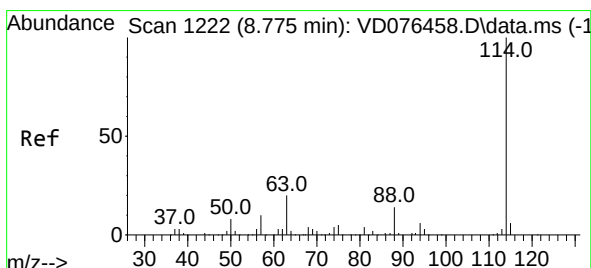
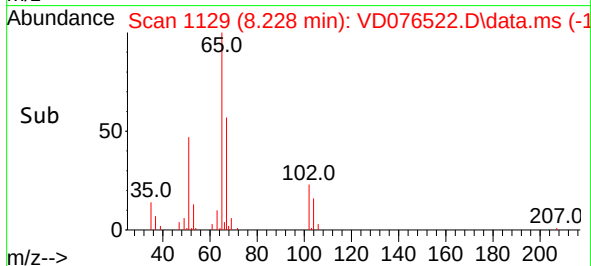
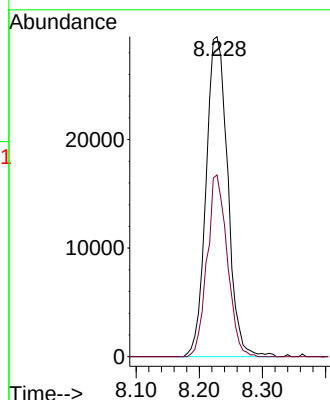
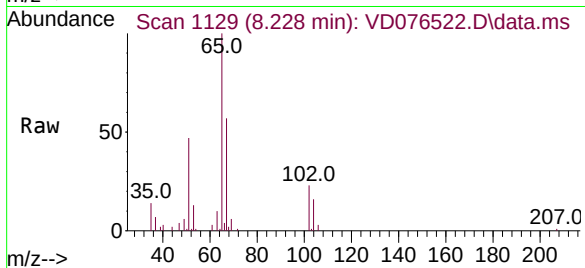
SB-04-6.5-7.0

Tgt Ion: 65 Resp: 70079

Ion Ratio Lower Upper

65 100

67 52.9 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: VD076522.D

Acq: 21 Jun 2023 19:52

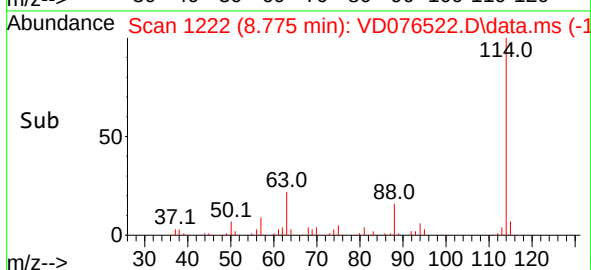
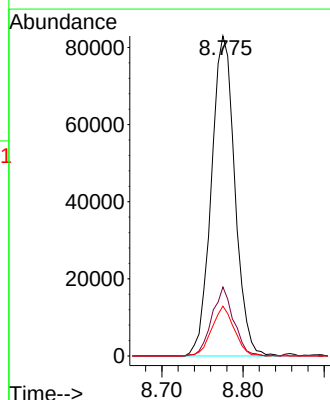
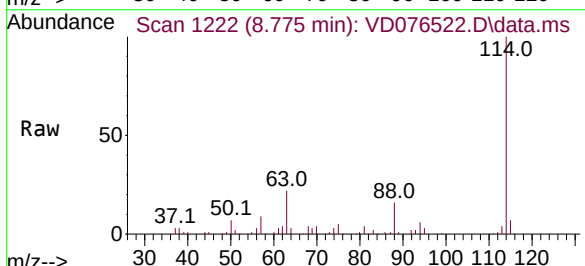
Tgt Ion: 114 Resp: 166825

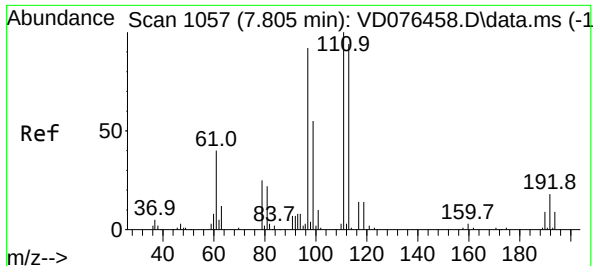
Ion Ratio Lower Upper

114 100

63 21.6 0.0 33.4

88 15.5 0.0 26.2

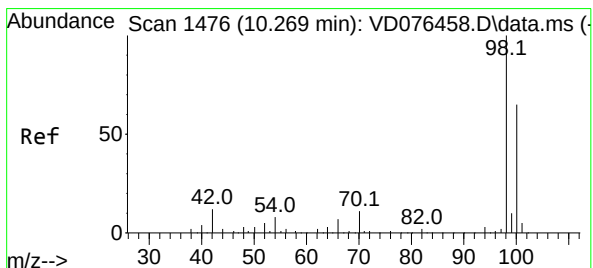
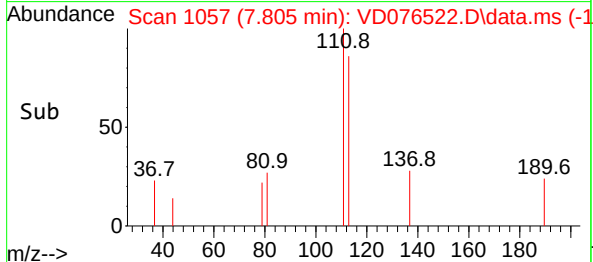
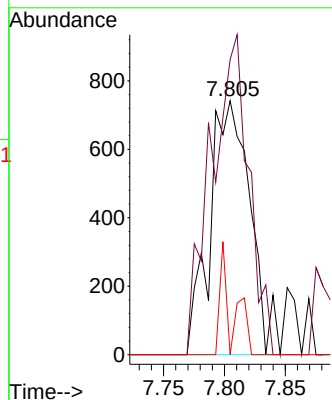
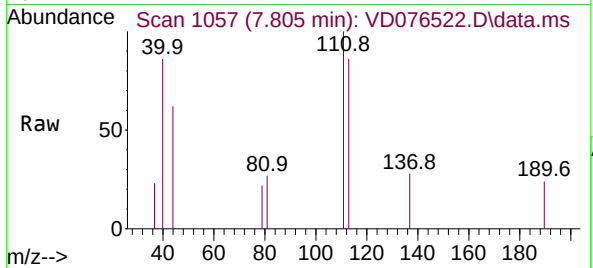




#35
 Dibromofluoromethane
 Concen: 1.728 ug/l
 RT: 7.805 min Scan# 1057
 Delta R.T. 0.000 min
 Lab File: VD076522.D
 Acq: 21 Jun 2023 19:52

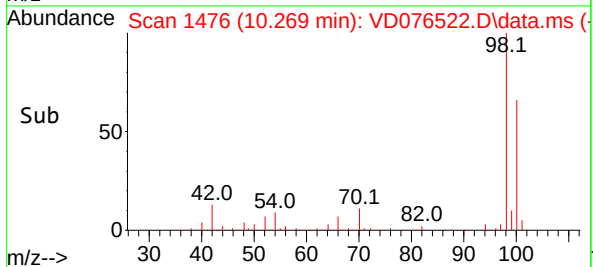
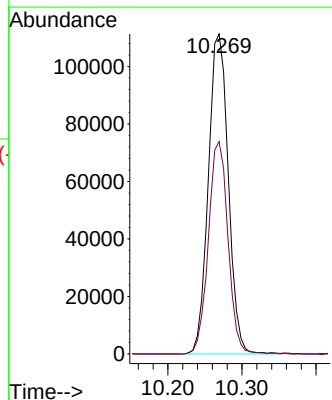
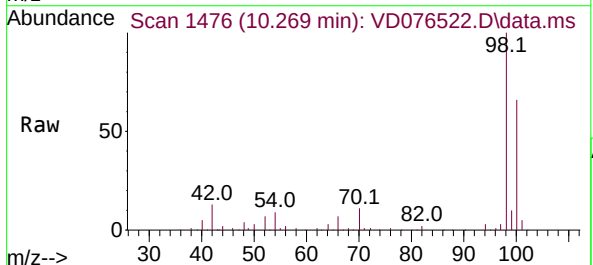
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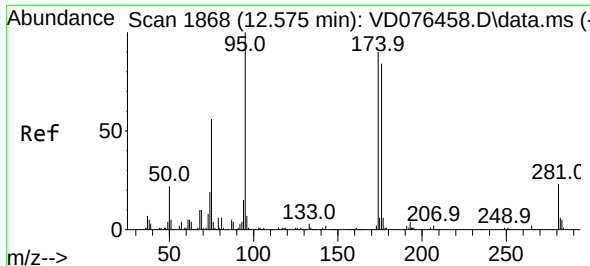
Tgt Ion:113 Resp: 1713
 Ion Ratio Lower Upper
 113 100
 111 117.9 84.7 127.1
 192 13.3 16.8 25.2#



#50
 Toluene-d8
 Concen: 55.396 ug/l
 RT: 10.269 min Scan# 1476
 Delta R.T. -0.000 min
 Lab File: VD076522.D
 Acq: 21 Jun 2023 19:52

Tgt Ion: 98 Resp: 208207
 Ion Ratio Lower Upper
 98 100
 100 65.3 50.3 75.5

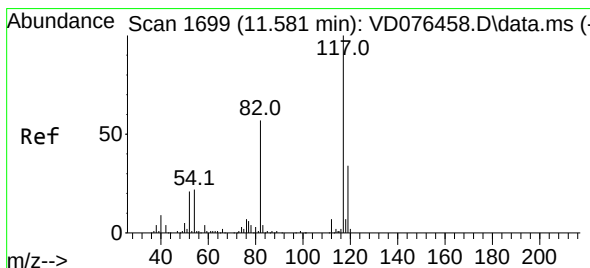
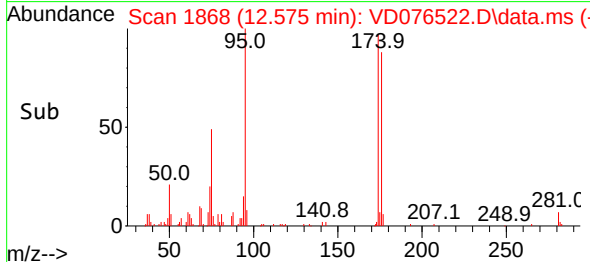
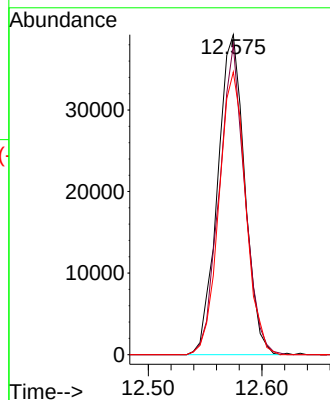
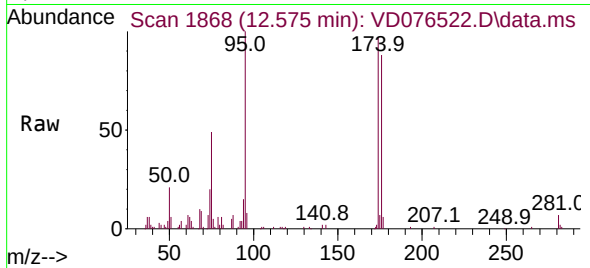




#62
4-Bromofluorobenzene
Concen: 53.230 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD076522.D
Acq: 21 Jun 2023 19:52

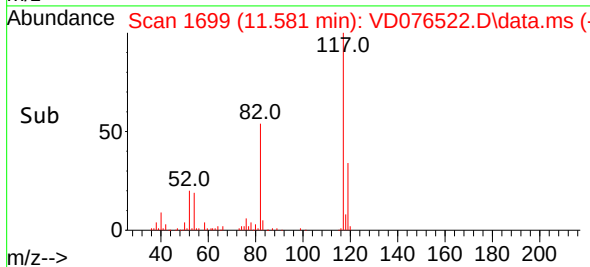
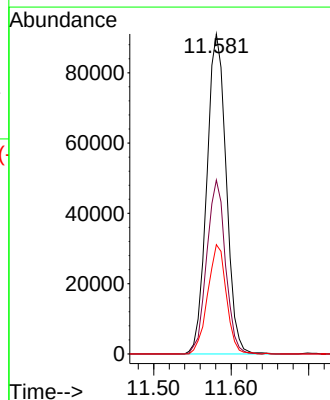
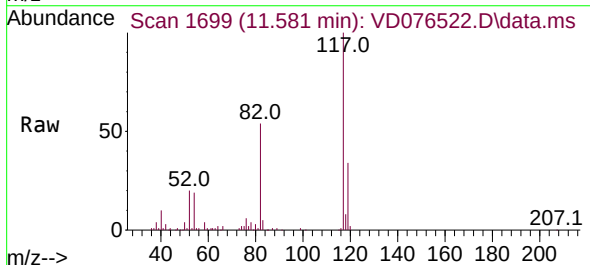
Instrument :
MSVOA_D
ClientSampleId :
SB-04-6.5-7.0

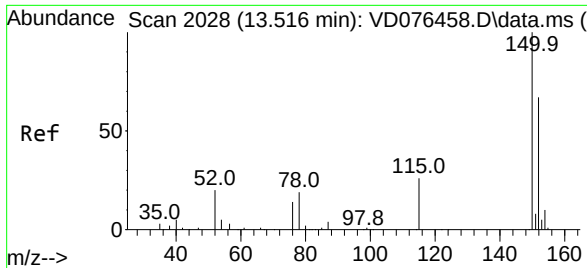
Tgt Ion: 95 Resp: 64930
Ion Ratio Lower Upper
95 100
174 91.3 0.0 201.8
176 87.1 0.0 191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD076522.D
Acq: 21 Jun 2023 19:52

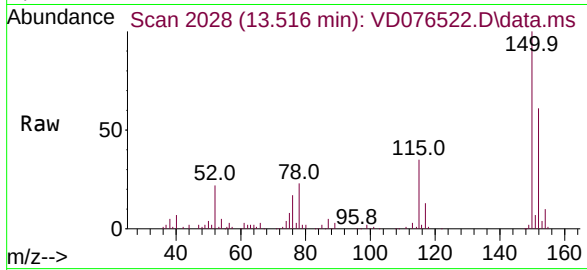
Tgt Ion: 117 Resp: 157981
Ion Ratio Lower Upper
117 100
82 54.3 38.3 57.5
119 34.1 25.0 37.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VD076522.D
 Acq: 21 Jun 2023 19:52

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-04-6.5-7.0



Tgt Ion:152 Resp: 70472
 Ion Ratio Lower Upper
 152 100
 115 53.9 27.1 81.3
 150 155.0 0.0 353.6

