

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062123\
 Data File : VD076519.D
 Acq On : 21 Jun 2023 18:21
 Operator : KP/SY
 Sample : 03355-01
 Misc : 5.05G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-01-6.5-7.0

Quant Time: Jun 22 02:01:58 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)

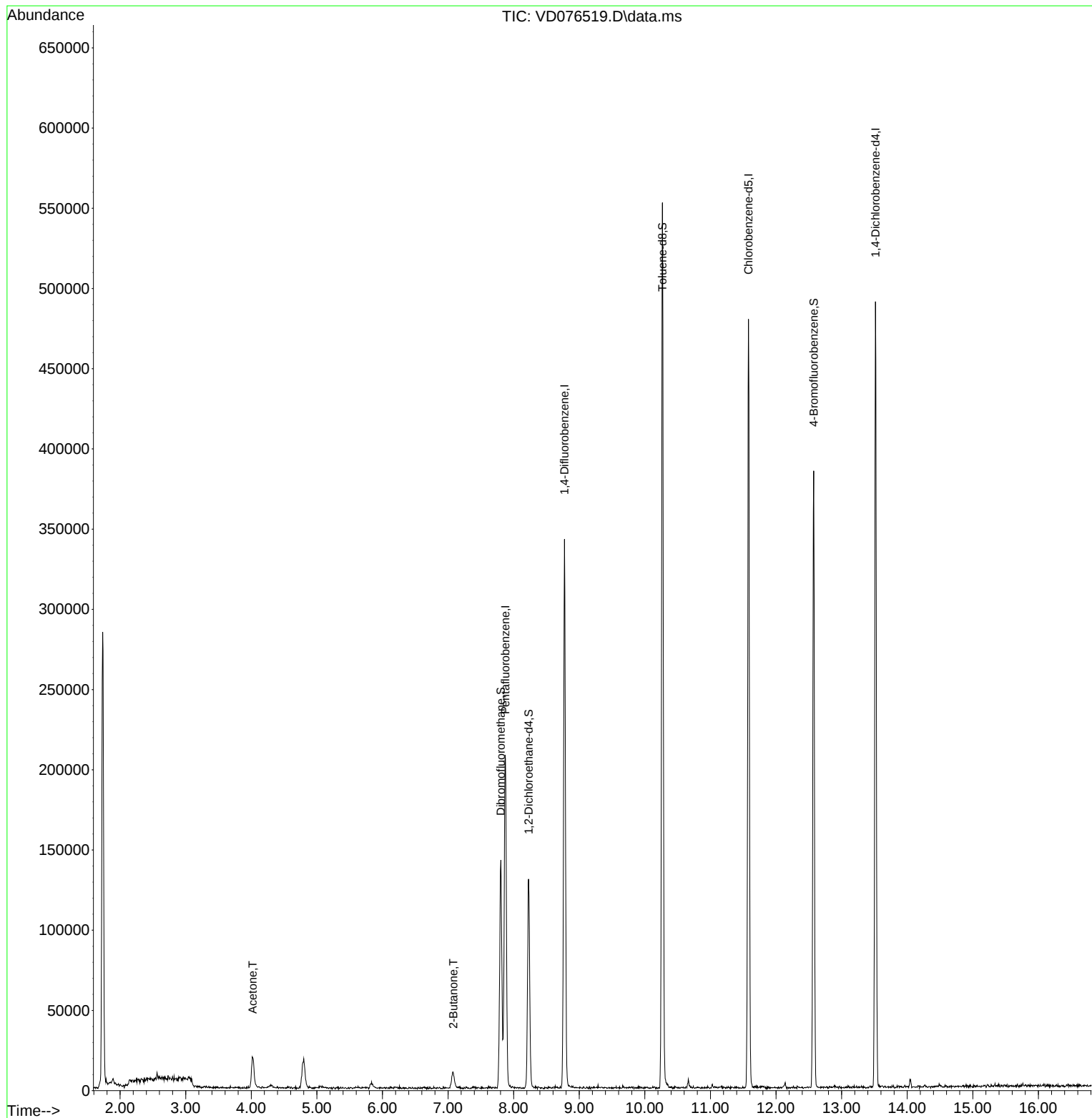
Internal Standards						
1) Pentafluorobenzene	7.875	168	168570	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	292661	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.580	117	272638	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	129242	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	96758	57.290	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.580%
35) Dibromofluoromethane	7.804	113	98334	56.559	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	113.120%
50) Toluene-d8	10.269	98	371094	56.281	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	112.560%
62) 4-Bromofluorobenzene	12.574	95	114446	53.482	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	106.960%
Target Compounds						
						Qvalue
16) Acetone	4.022	43	33624	83.663	ug/l #	82
25) 2-Butanone	7.081	43	3539	5.693	ug/l	97

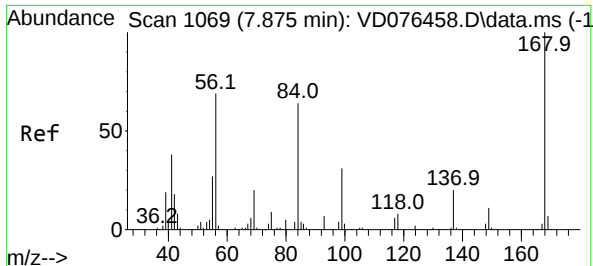
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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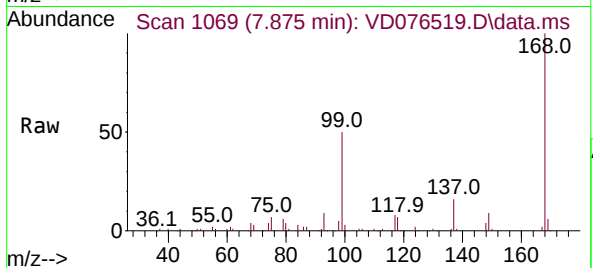
Quant Time: Jun 22 02:01:58 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061623S.M
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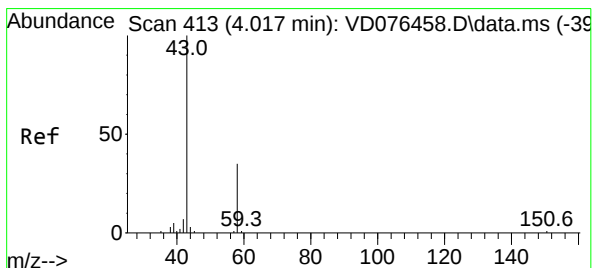
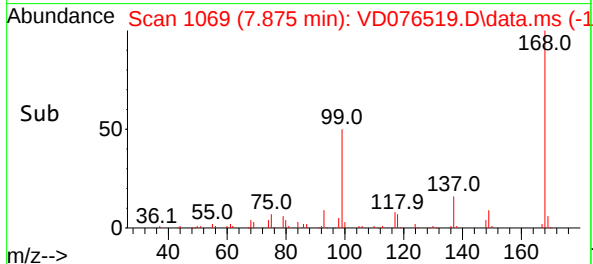
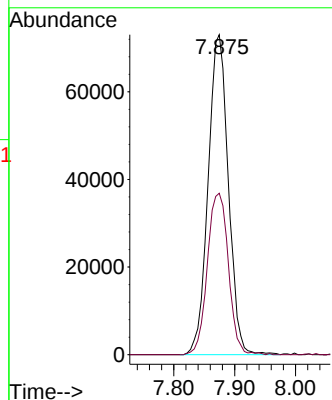


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD076519.D
Acq: 21 Jun 2023 18:21

Instrument :
MSVOA_D
ClientSampleId :
SB-01-6.5-7.0

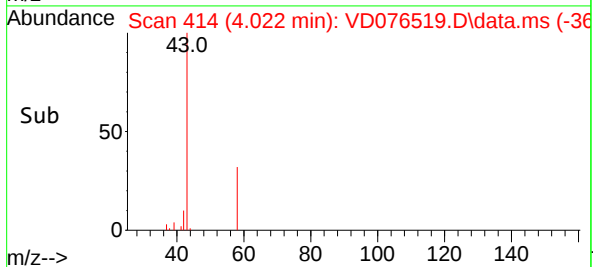
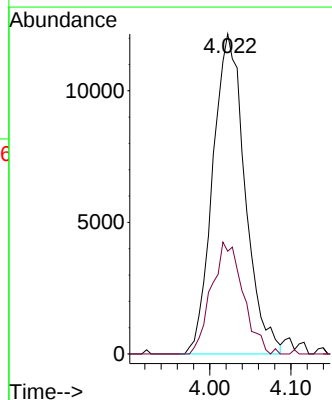
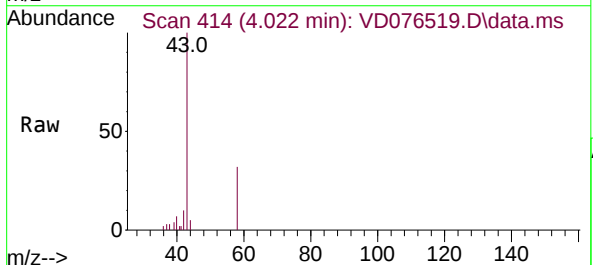


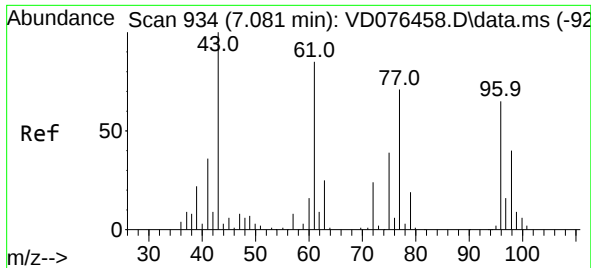
Tgt Ion:168 Resp: 168570
Ion Ratio Lower Upper
168 100
99 50.5 36.7 55.1



#16
Acetone
Concen: 83.663 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.005 min
Lab File: VD076519.D
Acq: 21 Jun 2023 18:21

Tgt Ion: 43 Resp: 33624
Ion Ratio Lower Upper
43 100
58 32.1 34.7 52.1#

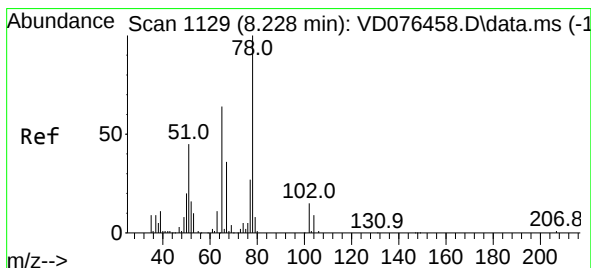
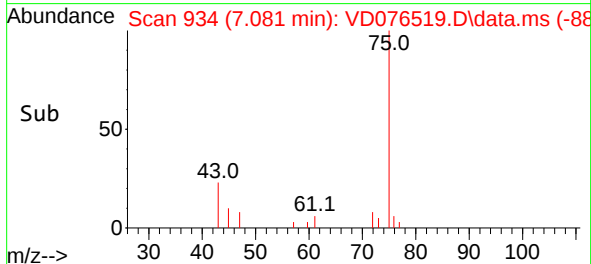
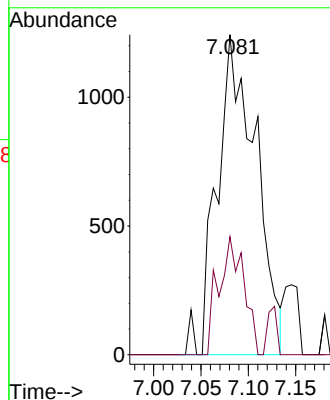
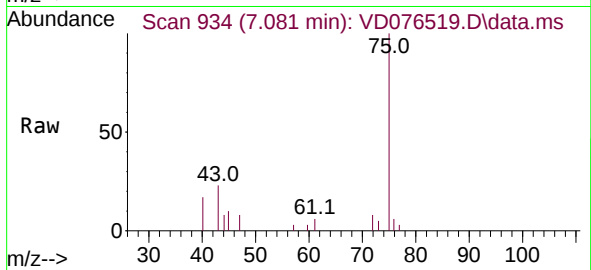




#25
2-Butanone
Concen: 5.693 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD076519.D
Acq: 21 Jun 2023 18:21

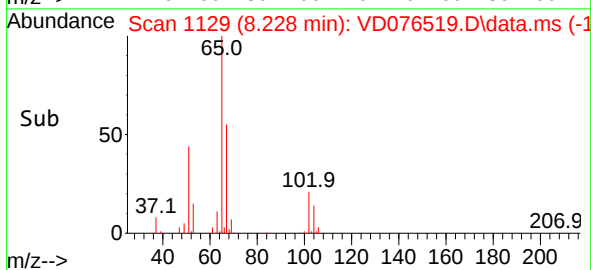
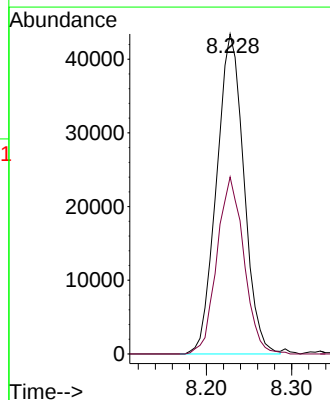
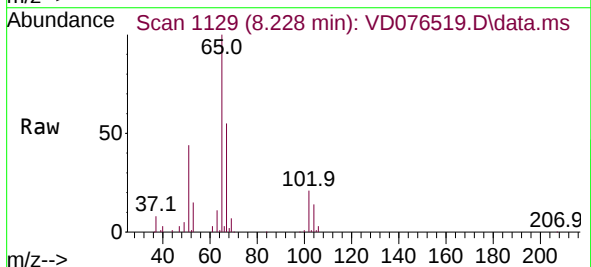
Instrument :
MSVOA_D
ClientSampleId :
SB-01-6.5-7.0

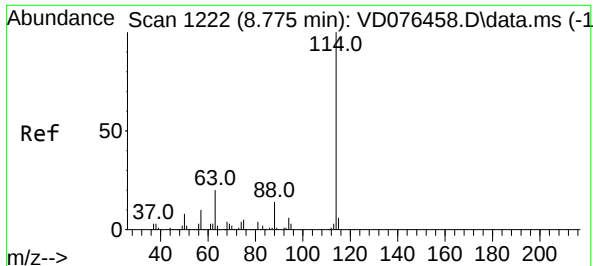
Tgt Ion: 43 Resp: 3539
Ion Ratio Lower Upper
43 100
72 36.8 30.7 46.1



#33
1,2-Dichloroethane-d4
Concen: 57.290 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD076519.D
Acq: 21 Jun 2023 18:21

Tgt Ion: 65 Resp: 96758
Ion Ratio Lower Upper
65 100
67 54.7 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD076519.D

Acq: 21 Jun 2023 18:21

Instrument :

MSVOA_D

ClientSampleId :

SB-01-6.5-7.0

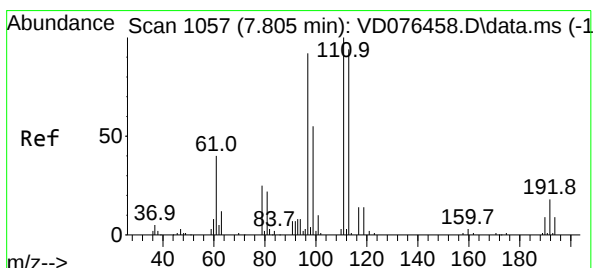
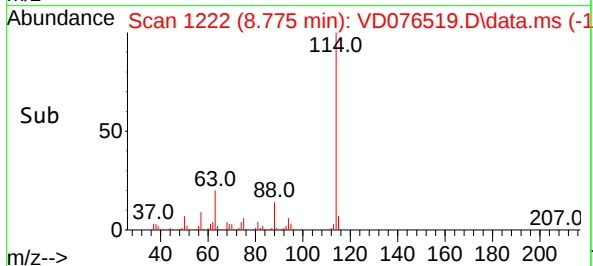
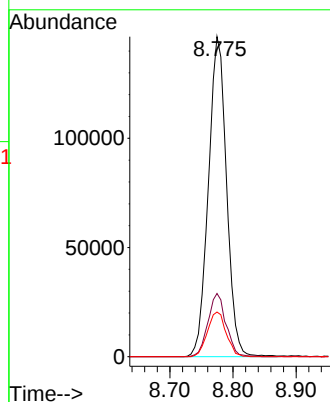
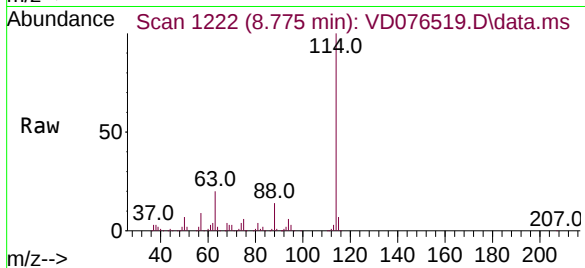
Tgt Ion:114 Resp: 292661

Ion Ratio Lower Upper

114 100

63 19.8 0.0 33.4

88 14.0 0.0 26.2



#35

Dibromofluoromethane

Concen: 56.559 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD076519.D

Acq: 21 Jun 2023 18:21

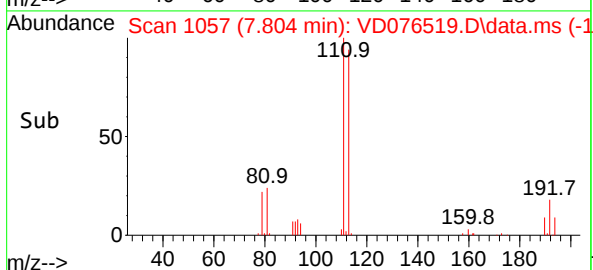
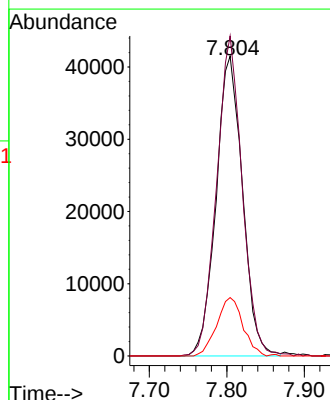
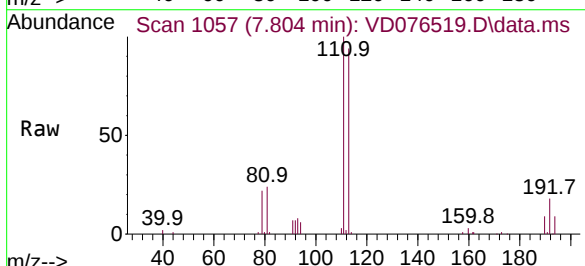
Tgt Ion:113 Resp: 98334

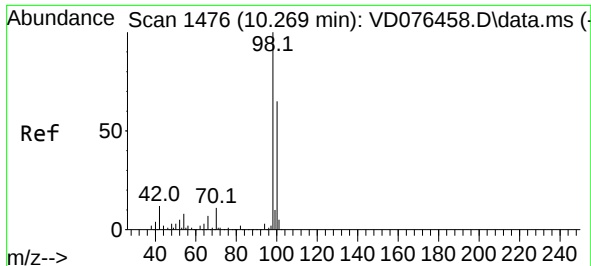
Ion Ratio Lower Upper

113 100

111 103.2 84.7 127.1

192 19.4 16.8 25.2

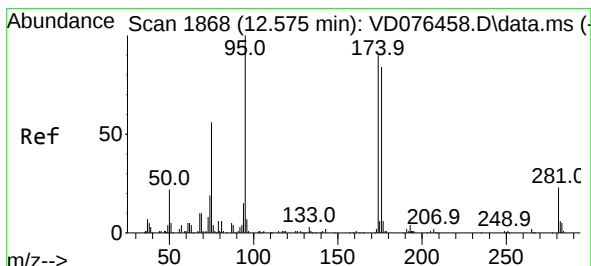
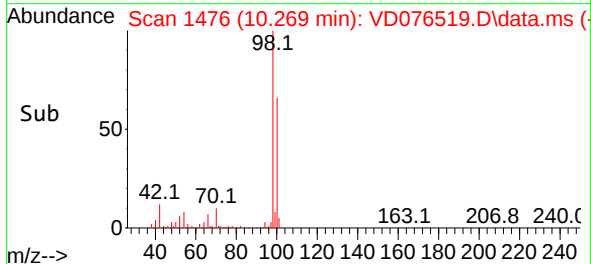
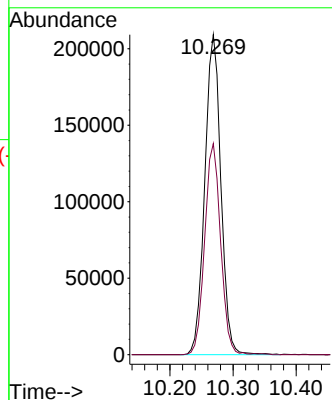
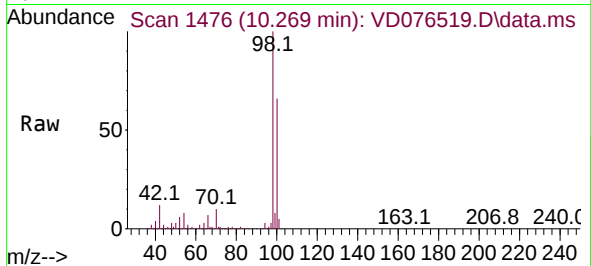




#50
Toluene-d8
Concen: 56.281 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD076519.D
Acq: 21 Jun 2023 18:21

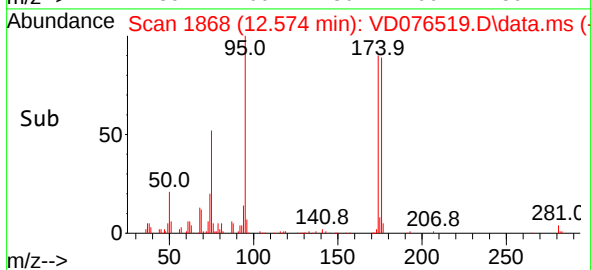
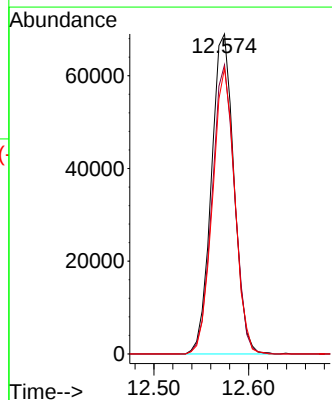
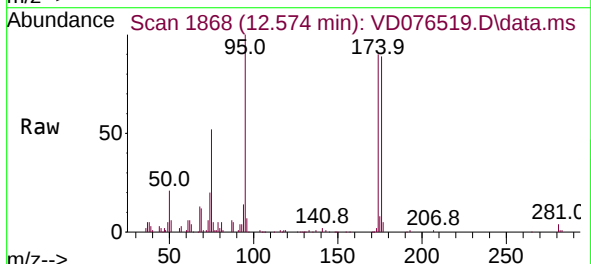
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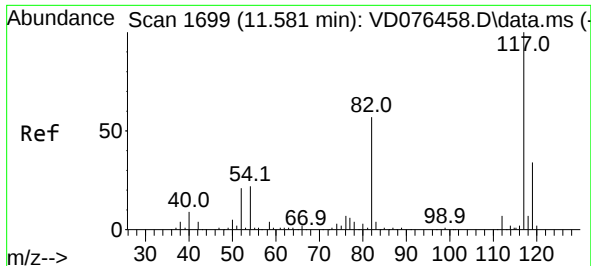
Tgt Ion: 98 Resp: 371094
Ion Ratio Lower Upper
98 100
100 65.1 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 53.482 ug/l
RT: 12.574 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076519.D
Acq: 21 Jun 2023 18:21

Tgt Ion: 95 Resp: 114446
Ion Ratio Lower Upper
95 100
174 89.7 0.0 201.8
176 87.6 0.0 191.8

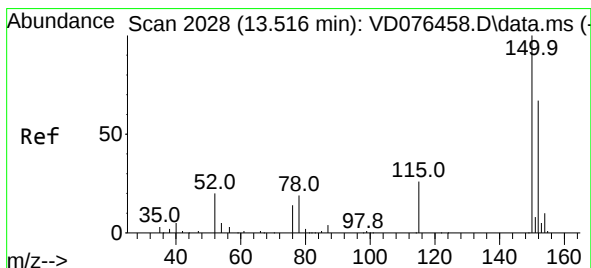
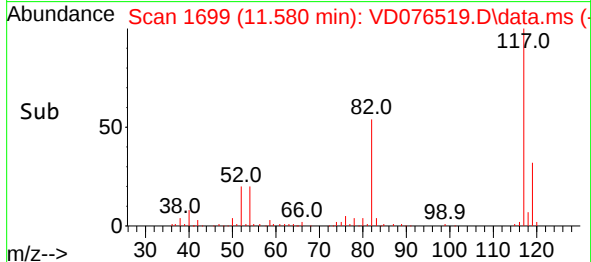
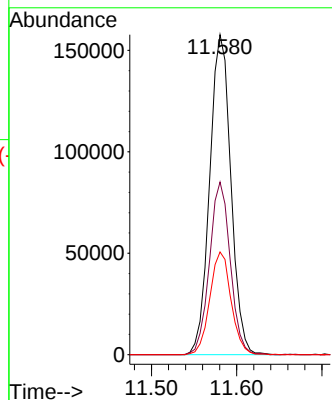
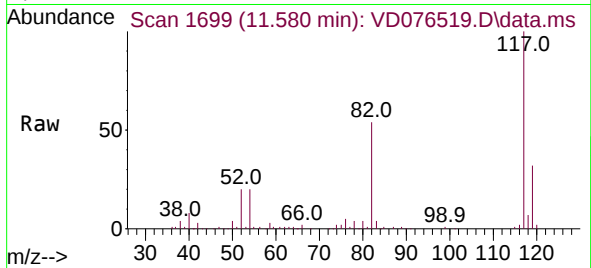




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.580 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076519.D
Acq: 21 Jun 2023 18:21

Instrument :
MSVOA_D
ClientSampleId :
SB-01-6.5-7.0

Tgt Ion:117 Resp: 272638
Ion Ratio Lower Upper
117 100
82 54.0 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# 2028
Delta R.T. -0.000 min
Lab File: VD076519.D
Acq: 21 Jun 2023 18:21

Tgt Ion:152 Resp: 129242
Ion Ratio Lower Upper
152 100
115 55.1 27.1 81.3
150 155.3 0.0 353.6

