

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110823\
 Data File : VD077519.D
 Acq On : 08 Nov 2023 14:38
 Operator : JC/SY
 Sample : 05279-03
 Misc : 5.11G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1-VOC

Quant Time: Nov 09 01:37:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D103023S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 31 04:19:17 2023
 Response via : Initial Calibration

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

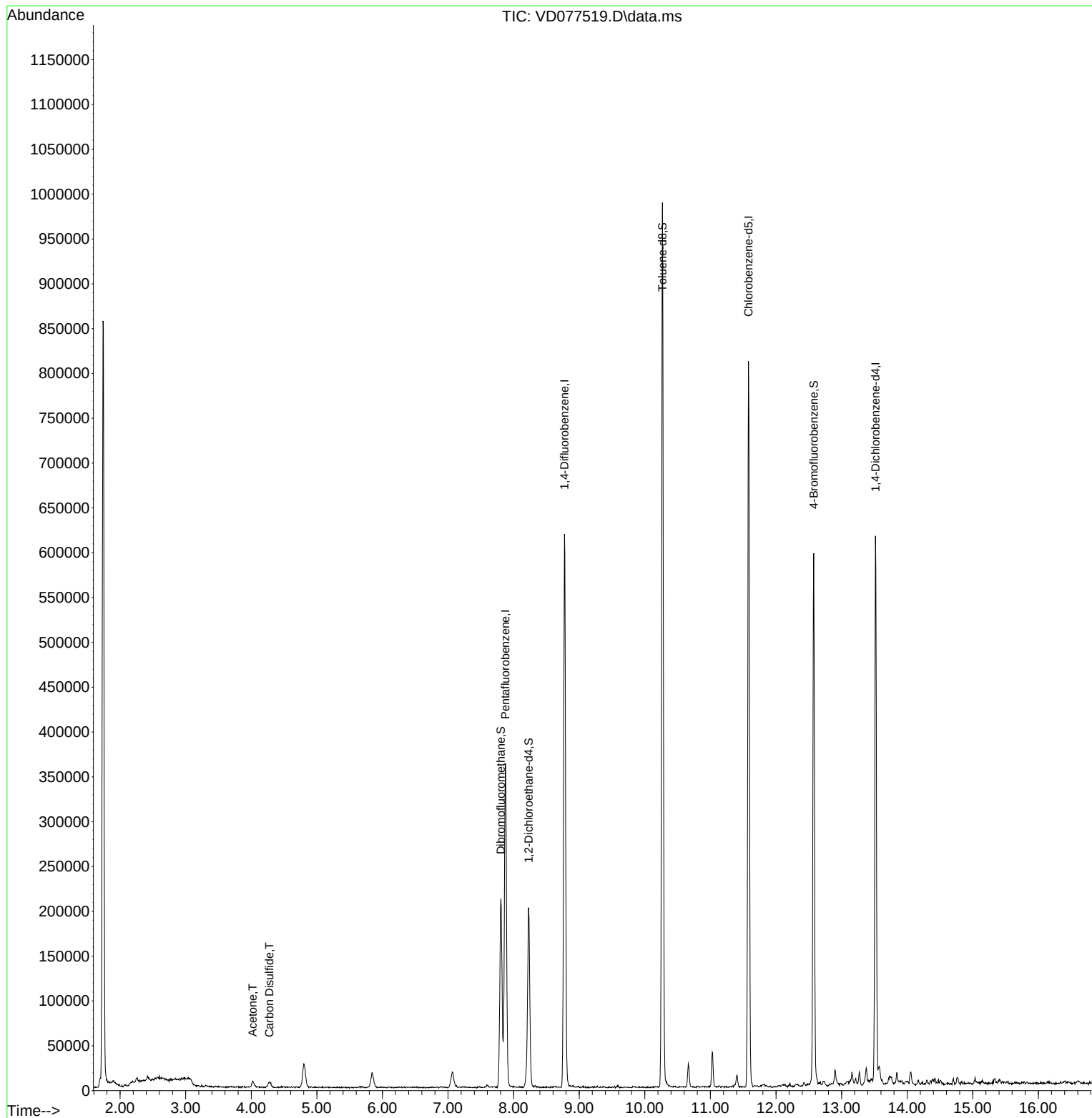
Internal Standards						
1) Pentafluorobenzene	7.875	168	267510	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	512962	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	440778	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	153536	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	154636	40.880	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	81.760%
35) Dibromofluoromethane	7.805	113	149767	42.243	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	84.480%
50) Toluene-d8	10.269	98	659548	47.893	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.780%
62) 4-Bromofluorobenzene	12.575	95	175323	37.799	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	75.600%
Target Compounds						
					Qvalue	
16) Acetone	4.022	43	12162	12.150	ug/l	# 79
17) Carbon Disulfide	4.275	76	10302	4.912	ug/l	# 86

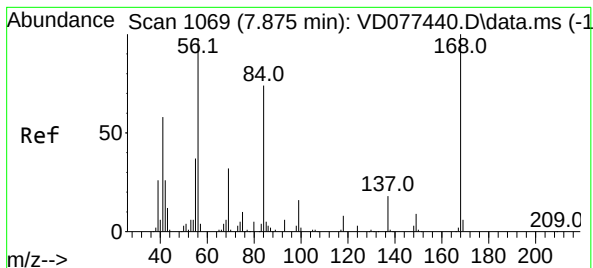
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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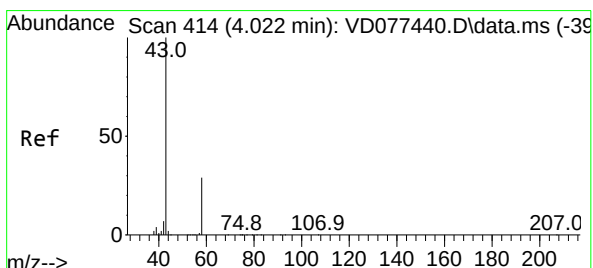
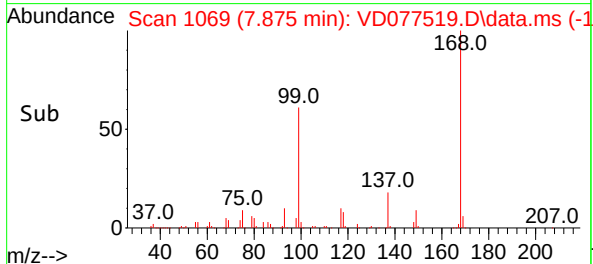
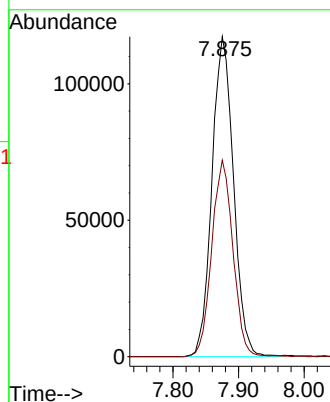
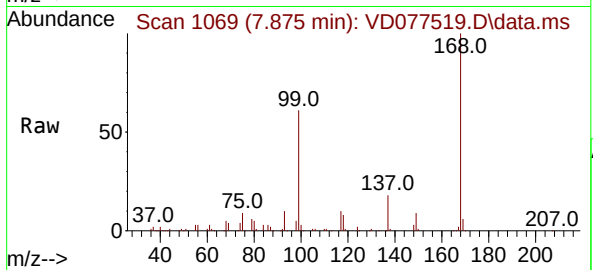




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD077519.D
Acq: 08 Nov 2023 14:38

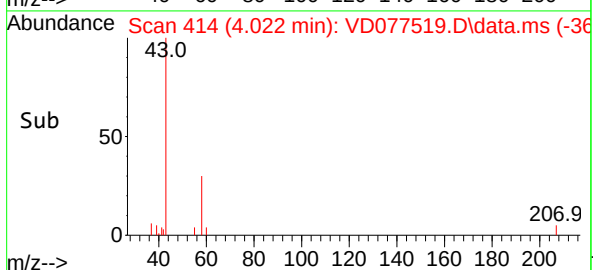
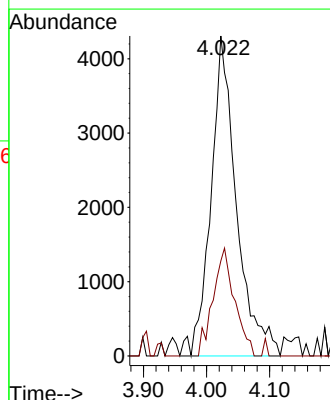
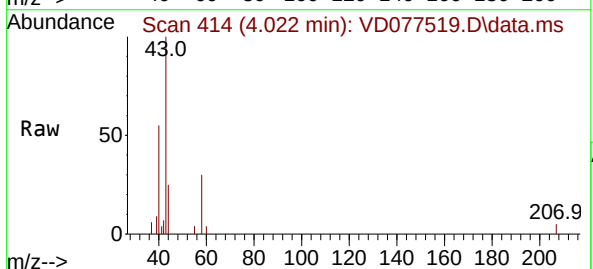
Instrument :
MSVOA_D
ClientSampleId :
TP-1-VOC

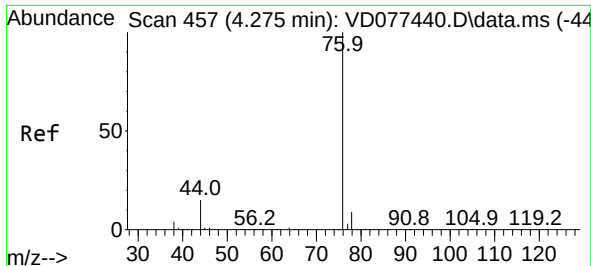
Tgt Ion:168 Resp: 267510
Ion Ratio Lower Upper
168 100
99 61.4 36.7 55.1#



#16
Acetone
Concen: 12.150 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD077519.D
Acq: 08 Nov 2023 14:38

Tgt Ion: 43 Resp: 12162
Ion Ratio Lower Upper
43 100
58 29.7 34.7 52.1#

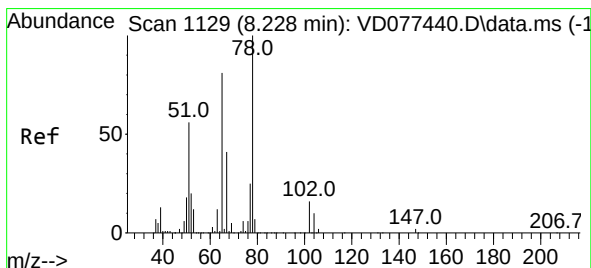
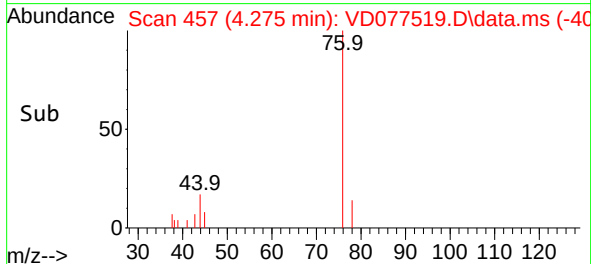
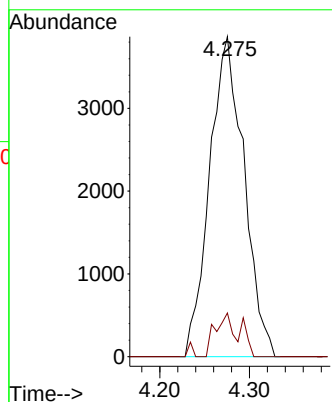
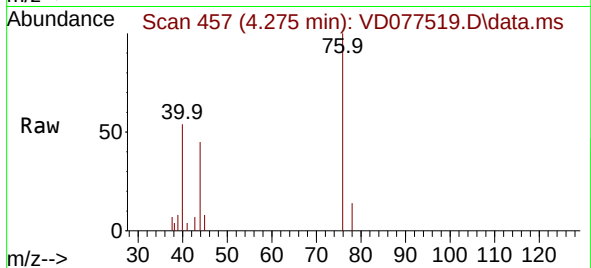




#17
Carbon Disulfide
Concen: 4.912 ug/l
RT: 4.275 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD077519.D
Acq: 08 Nov 2023 14:38

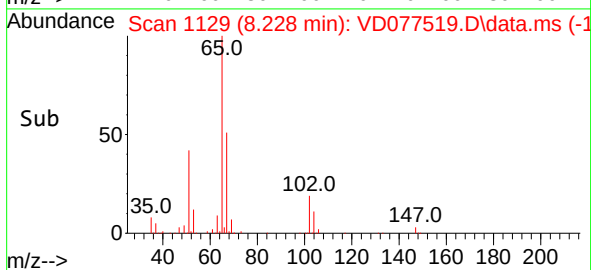
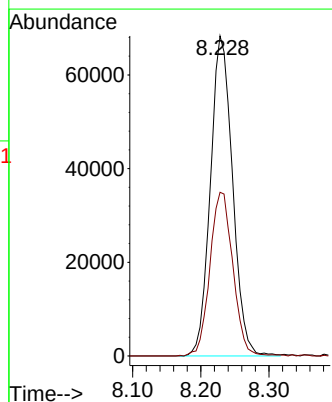
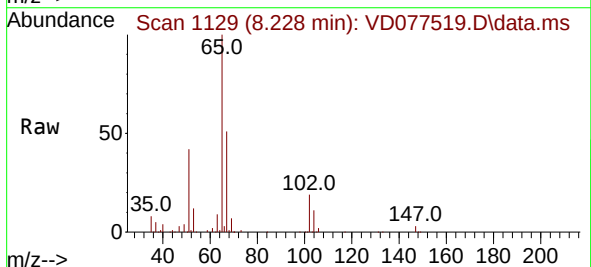
Instrument :
MSVOA_D
ClientSampleId :
TP-1-VOC

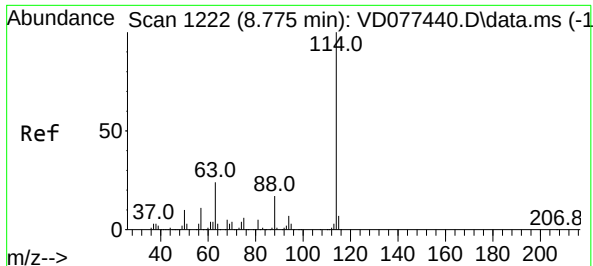
Tgt Ion: 76 Resp: 10302
Ion Ratio Lower Upper
76 100
78 13.7 6.8 10.2#



#33
1,2-Dichloroethane-d4
Concen: 40.880 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD077519.D
Acq: 08 Nov 2023 14:38

Tgt Ion: 65 Resp: 154636
Ion Ratio Lower Upper
65 100
67 53.0 0.0 115.0

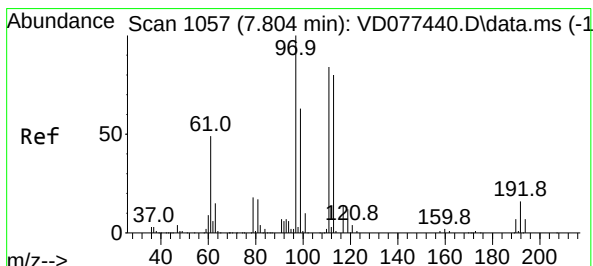
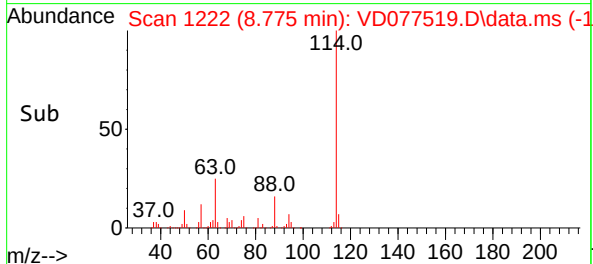
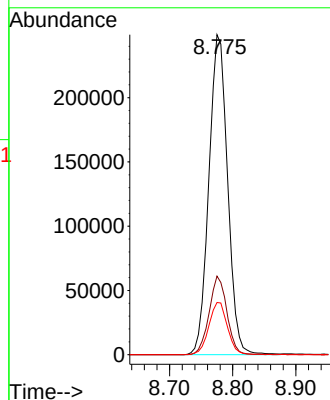
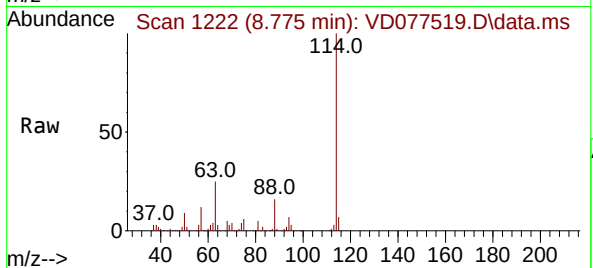




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD077519.D
Acq: 08 Nov 2023 14:38

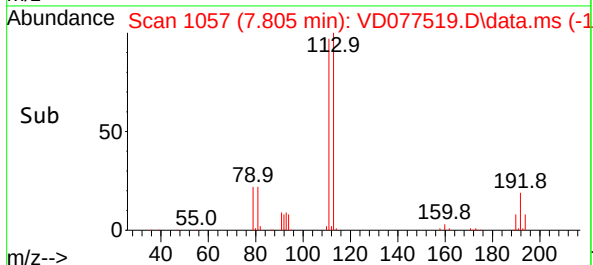
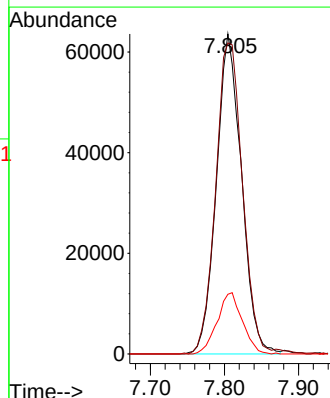
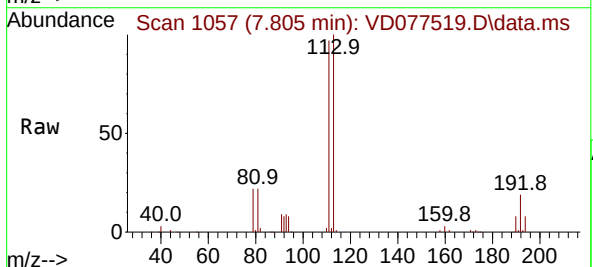
Instrument :
MSVOA_D
ClientSampleId :
TP-1-VOC

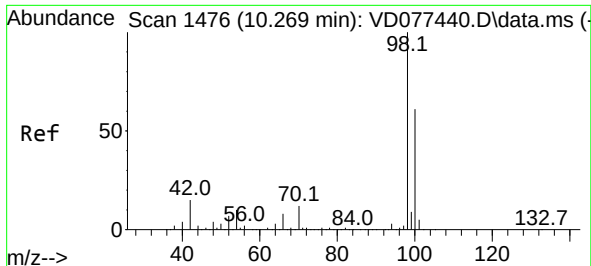
Tgt Ion:114 Resp: 512962
Ion Ratio Lower Upper
114 100
63 24.6 0.0 33.4
88 16.3 0.0 26.2



#35
Dibromofluoromethane
Concen: 42.243 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD077519.D
Acq: 08 Nov 2023 14:38

Tgt Ion:113 Resp: 149767
Ion Ratio Lower Upper
113 100
111 104.3 84.7 127.1
192 19.2 16.8 25.2

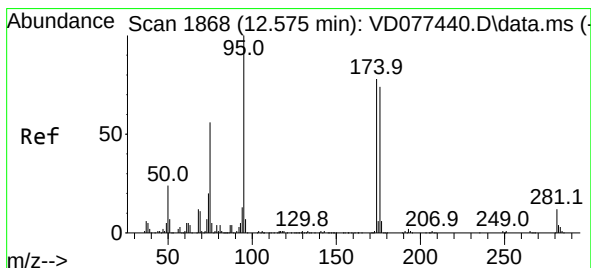
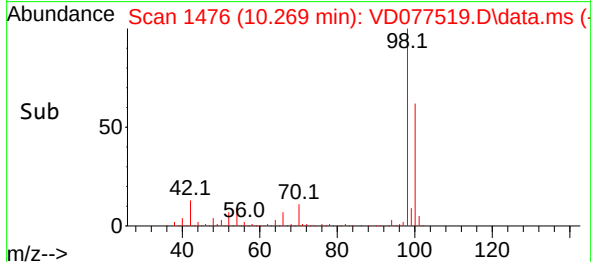
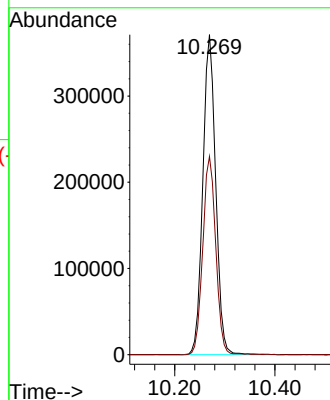
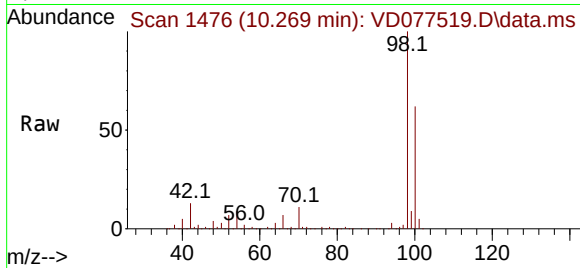




#50
Toluene-d8
Concen: 47.893 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD077519.D
Acq: 08 Nov 2023 14:38

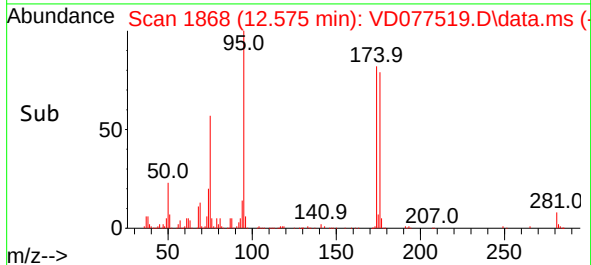
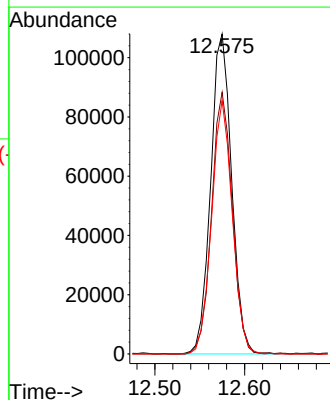
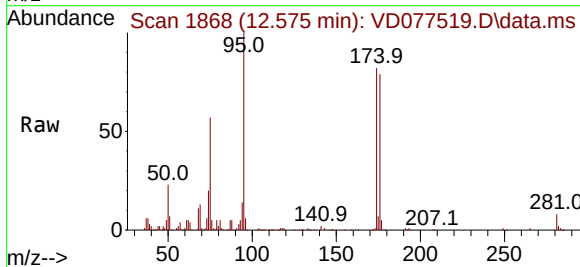
Instrument :
MSVOA_D
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TP-1-VOC

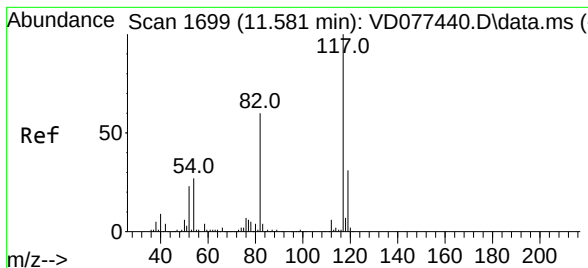
Tgt Ion: 98 Resp: 659548
Ion Ratio Lower Upper
98 100
100 62.7 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 37.799 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD077519.D
Acq: 08 Nov 2023 14:38

Tgt Ion: 95 Resp: 175323
Ion Ratio Lower Upper
95 100
174 80.8 0.0 201.8
176 77.9 0.0 191.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD077519.D

Acq: 08 Nov 2023 14:38

Instrument :

MSVOA_D

ClientSampleId :

TP-1-VOC

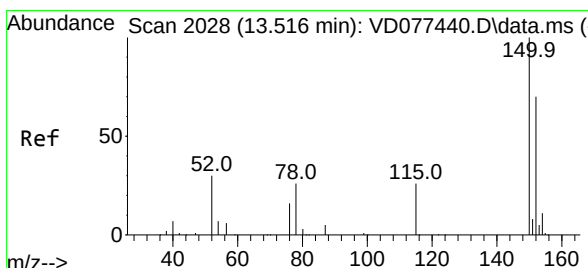
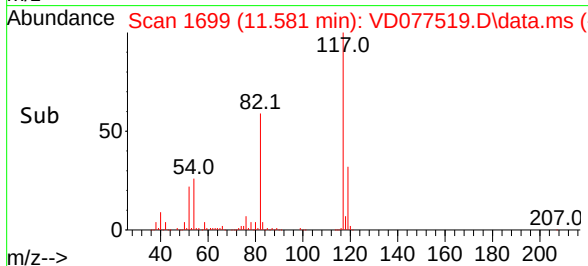
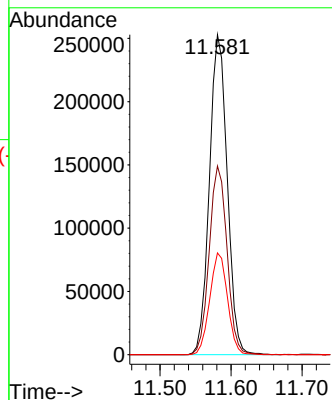
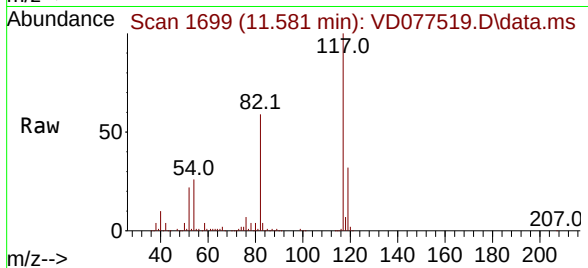
Tgt Ion:117 Resp: 440778

Ion Ratio Lower Upper

117 100

82 58.9 38.3 57.5#

119 31.8 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: VD077519.D

Acq: 08 Nov 2023 14:38

Tgt Ion:152 Resp: 153536

Ion Ratio Lower Upper

152 100

115 60.3 27.1 81.3

150 158.2 0.0 353.6

