

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062623\
 Data File : VD076581.D
 Acq On : 26 Jun 2023 15:27
 Operator : KP/SY
 Sample : 03361-11
 Misc : 12.69G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TOTAL-VOC-SB-31-36-SB-31-GRAB-5

Quant Time: Jun 27 04:27:35 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)

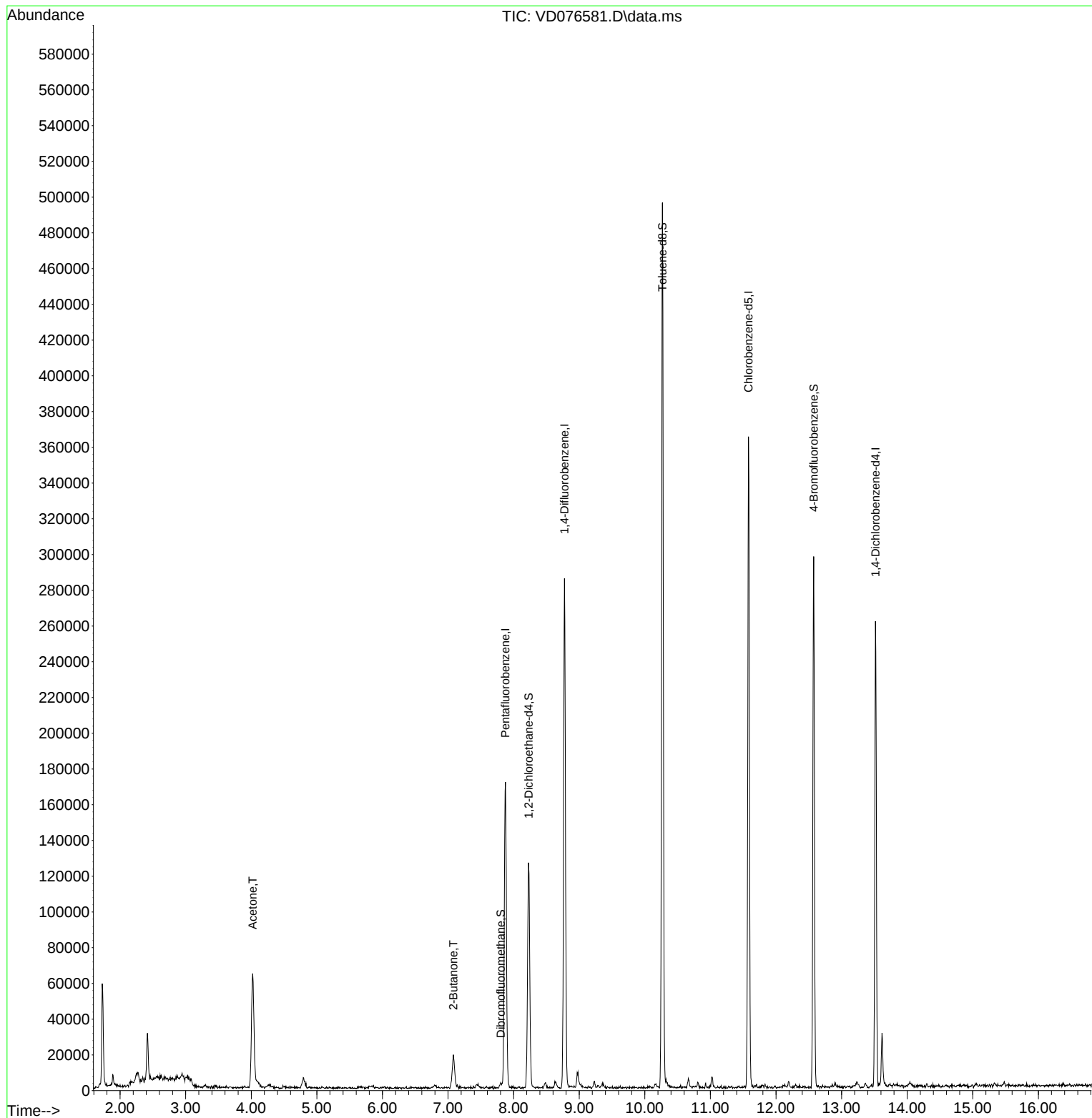
Internal Standards						
1) Pentafluorobenzene	7.875	168	132551	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	242066	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	202015	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	67457	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	97874	73.698	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	147.400%
35) Dibromofluoromethane	7.805	113	2250	1.565	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	3.120%#
50) Toluene-d8	10.269	98	335067	61.438	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	122.880%
62) 4-Bromofluorobenzene	12.575	95	88275	49.874	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	99.740%
Target Compounds						
					Qvalue	
16) Acetone	4.022	43	112400	355.669	ug/l #	81
25) 2-Butanone	7.081	43	25755	52.691	ug/l #	75

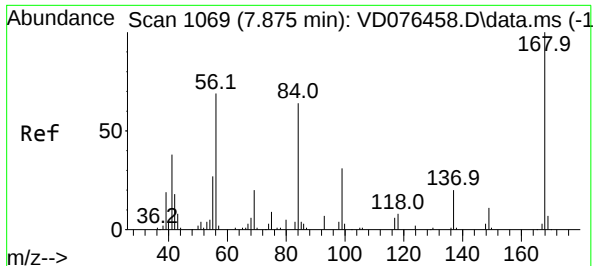
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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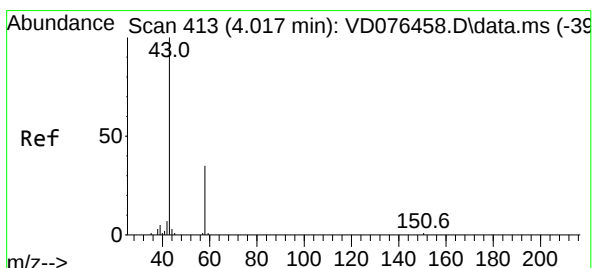
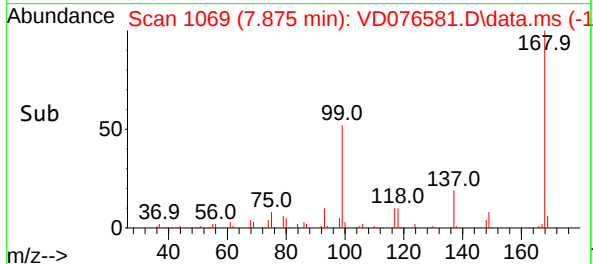
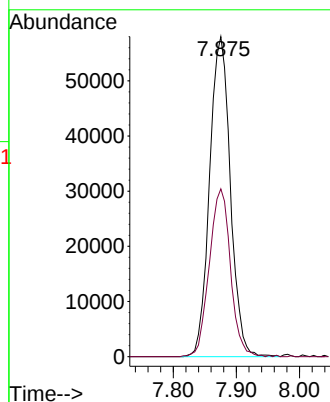
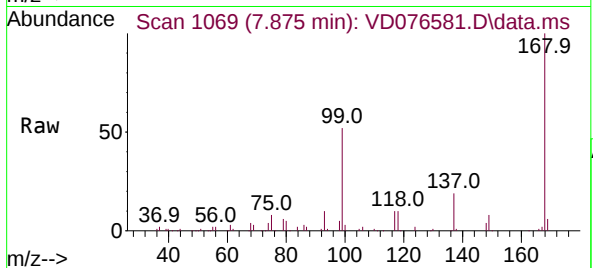




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076581.D
Acq: 26 Jun 2023 15:27

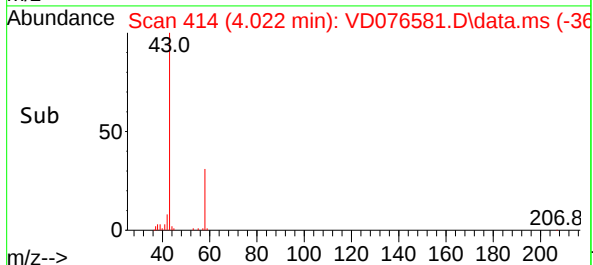
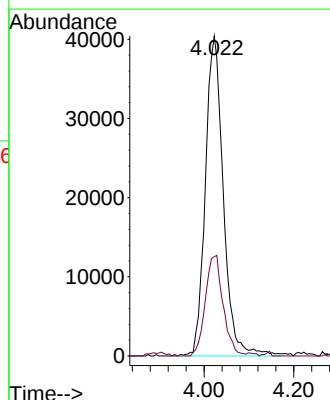
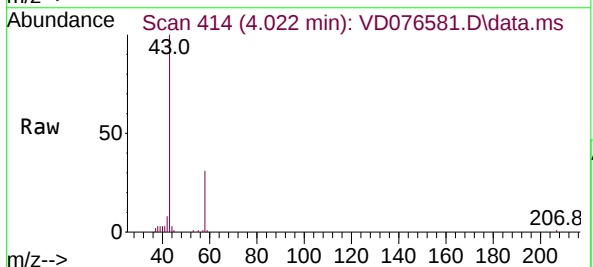
Instrument :
MSVOA_D
ClientSampleId :
TOTAL-VOC-SB-31-36-SB-31-GRAB-5

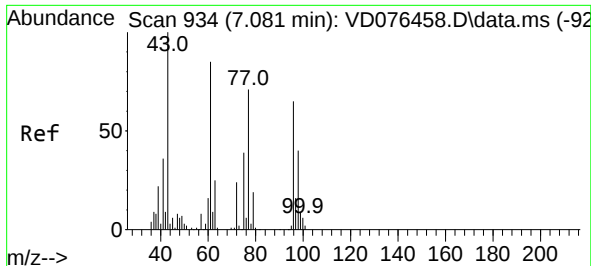
Tgt Ion:168 Resp: 132551
Ion Ratio Lower Upper
168 100
99 52.5 36.7 55.1



#16
Acetone
Concen: 355.669 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.006 min
Lab File: VD076581.D
Acq: 26 Jun 2023 15:27

Tgt Ion: 43 Resp: 112400
Ion Ratio Lower Upper
43 100
58 31.0 34.7 52.1#

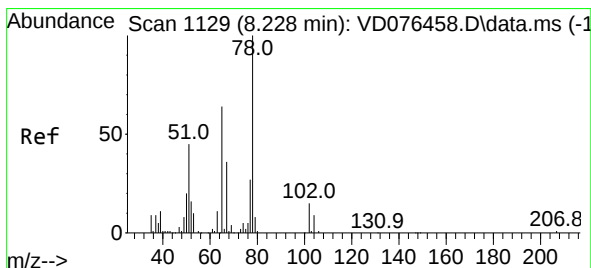
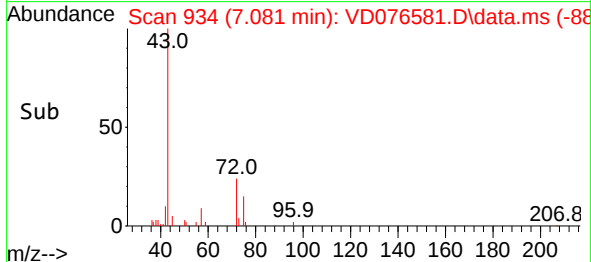
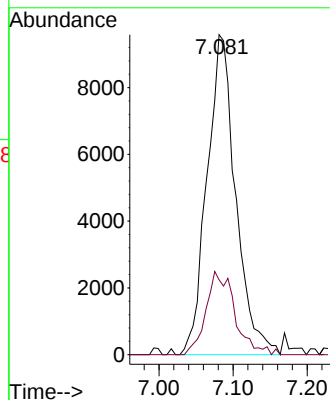
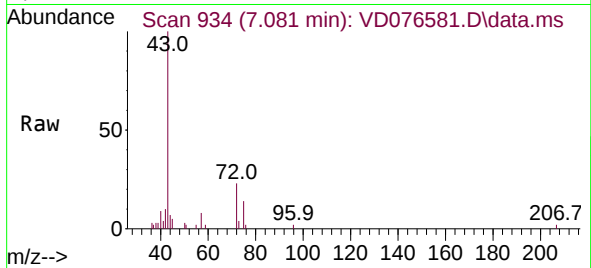




#25
2-Butanone
Concen: 52.691 ug/l
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD076581.D
Acq: 26 Jun 2023 15:27

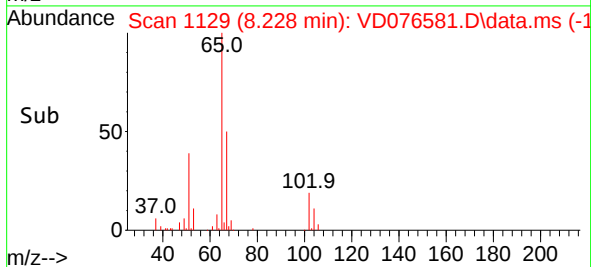
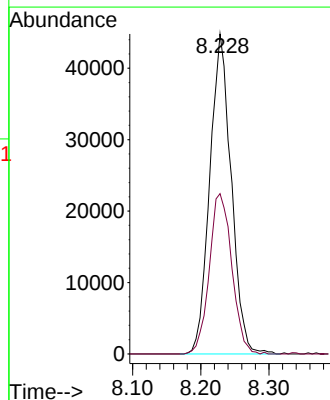
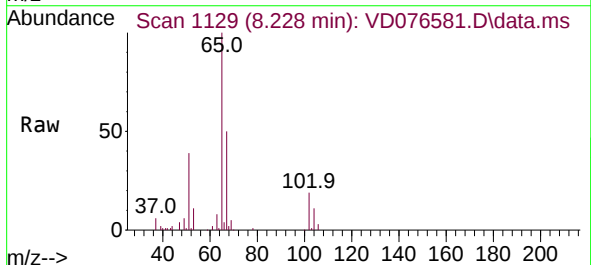
Instrument :
MSVOA_D
ClientSampleId :
TOTAL-VOC-SB-31-36-SB-31-GRAB-5

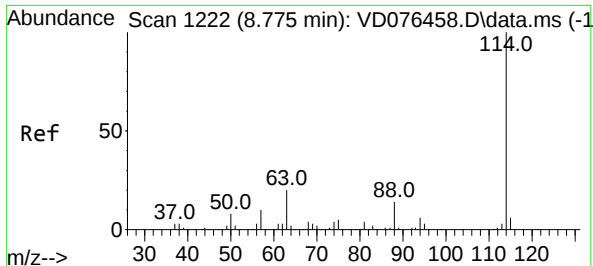
Tgt Ion: 43 Resp: 25755
Ion Ratio Lower Upper
43 100
72 23.4 30.7 46.1#



#33
1,2-Dichloroethane-d4
Concen: 73.698 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD076581.D
Acq: 26 Jun 2023 15:27

Tgt Ion: 65 Resp: 97874
Ion Ratio Lower Upper
65 100
67 52.7 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: VD076581.D

Acq: 26 Jun 2023 15:27

Instrument :

MSVOA_D

ClientSampleId :

TOTAL-VOC-SB-31-36-SB-31-GRAB-5

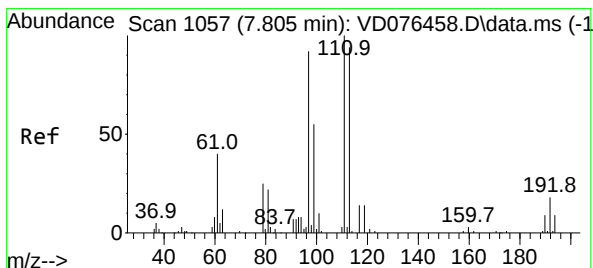
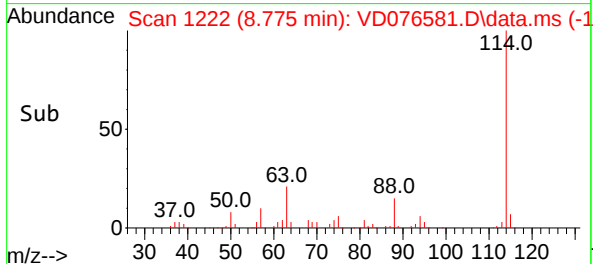
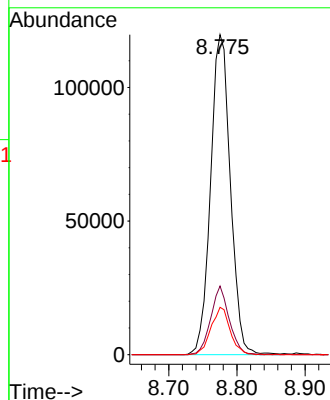
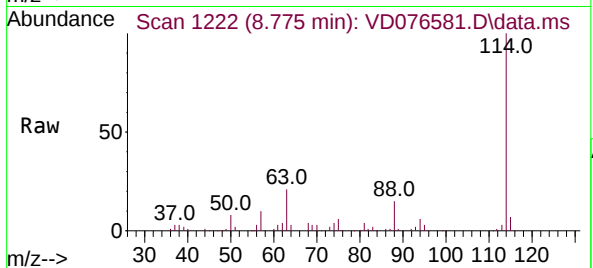
Tgt Ion:114 Resp: 242066

Ion Ratio Lower Upper

114 100

63 21.5 0.0 33.4

88 14.8 0.0 26.2



#35

Dibromofluoromethane

Concen: 1.565 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD076581.D

Acq: 26 Jun 2023 15:27

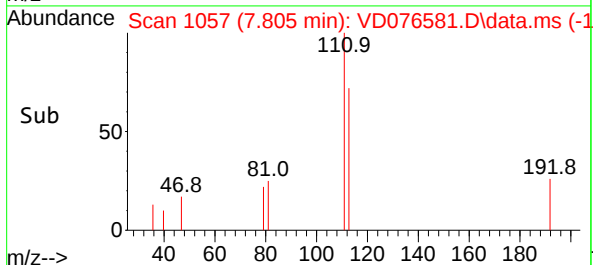
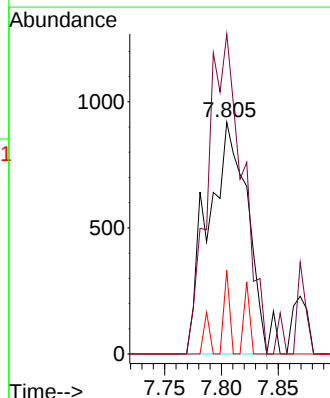
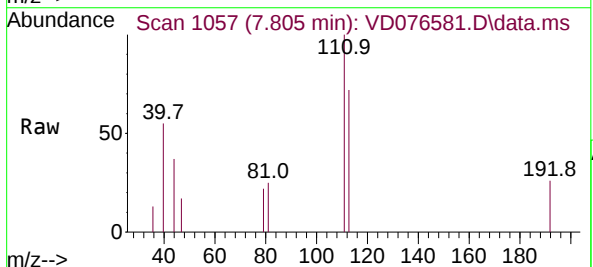
Tgt Ion:113 Resp: 2250

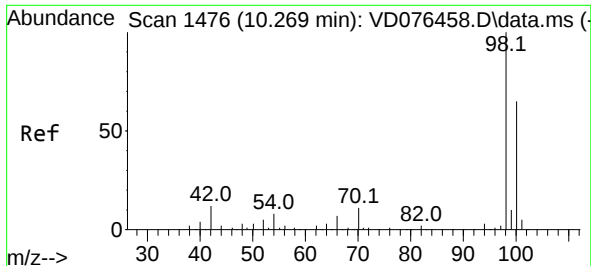
Ion Ratio Lower Upper

113 100

111 121.0 84.7 127.1

192 5.2 16.8 25.2#

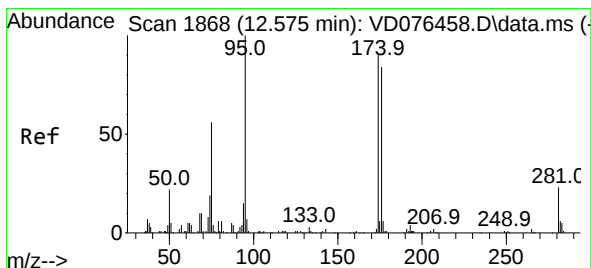
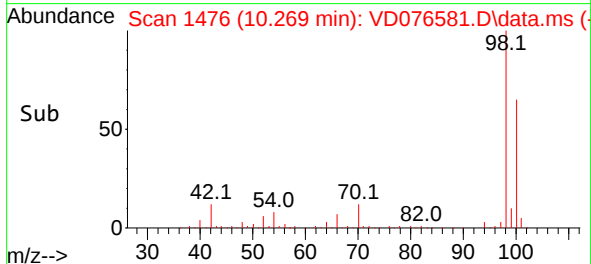
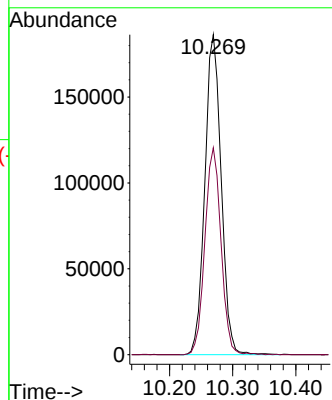
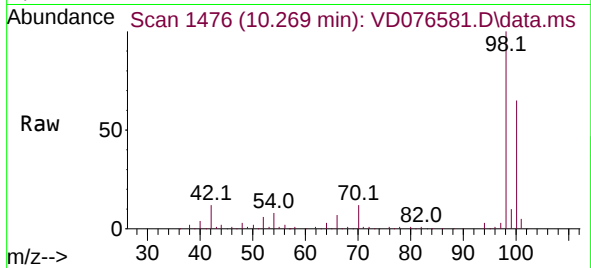




#50
Toluene-d8
Concen: 61.438 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076581.D
Acq: 26 Jun 2023 15:27

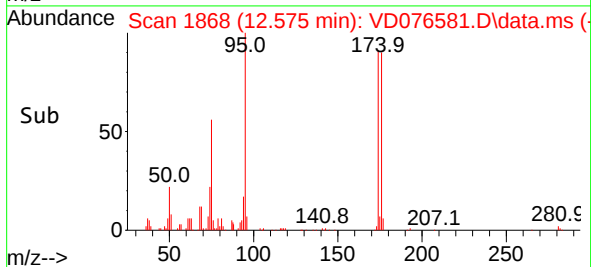
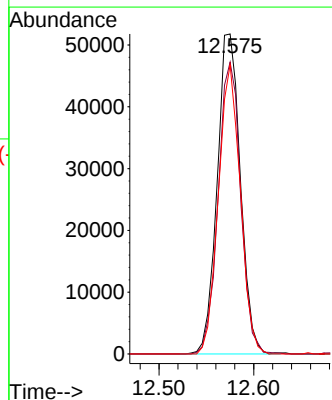
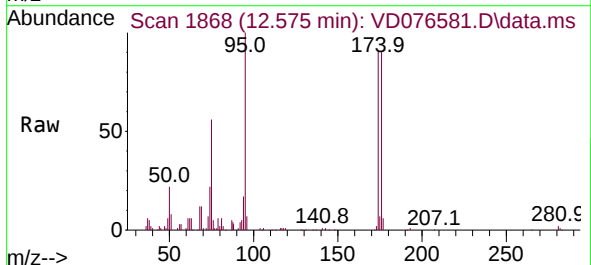
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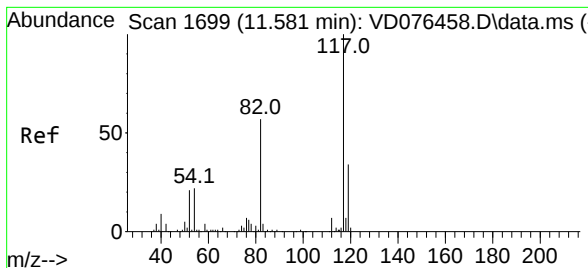
Tgt Ion: 98 Resp: 335067
Ion Ratio Lower Upper
98 100
100 63.9 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 49.874 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD076581.D
Acq: 26 Jun 2023 15:27

Tgt Ion: 95 Resp: 88275
Ion Ratio Lower Upper
95 100
174 88.1 0.0 201.8
176 85.2 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: VD076581.D

Acq: 26 Jun 2023 15:27

Instrument :

MSVOA_D

ClientSampleId :

TOTAL-VOC-SB-31-36-SB-31-GRAB-5

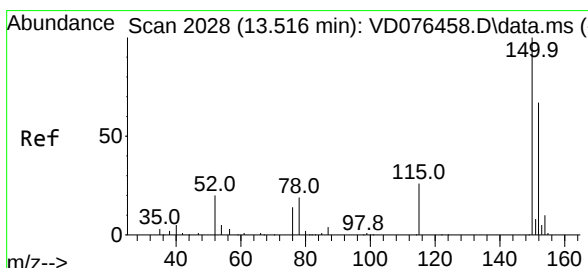
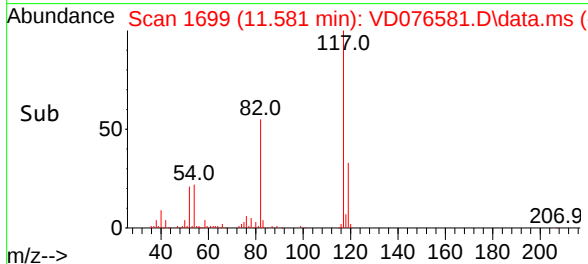
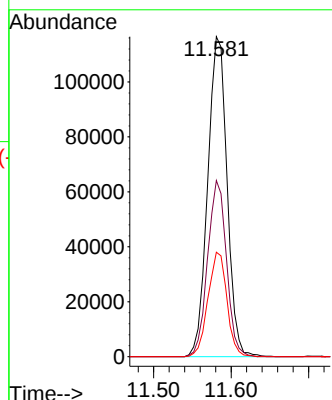
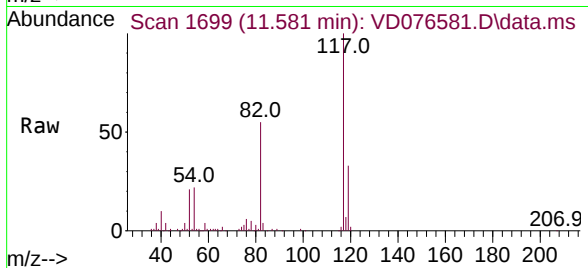
Tgt Ion:117 Resp: 202015

Ion Ratio Lower Upper

117 100

82 55.1 38.3 57.5

119 32.7 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: VD076581.D

Acq: 26 Jun 2023 15:27

Tgt Ion:152 Resp: 67457

Ion Ratio Lower Upper

152 100

115 56.7 27.1 81.3

150 157.3 0.0 353.6

