

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062323\
 Data File : VD076566.D
 Acq On : 23 Jun 2023 19:03
 Operator : KP/SY
 Sample : 03361-11
 Misc : 12.61G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

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

Quant Time: Jun 24 00:59:17 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)

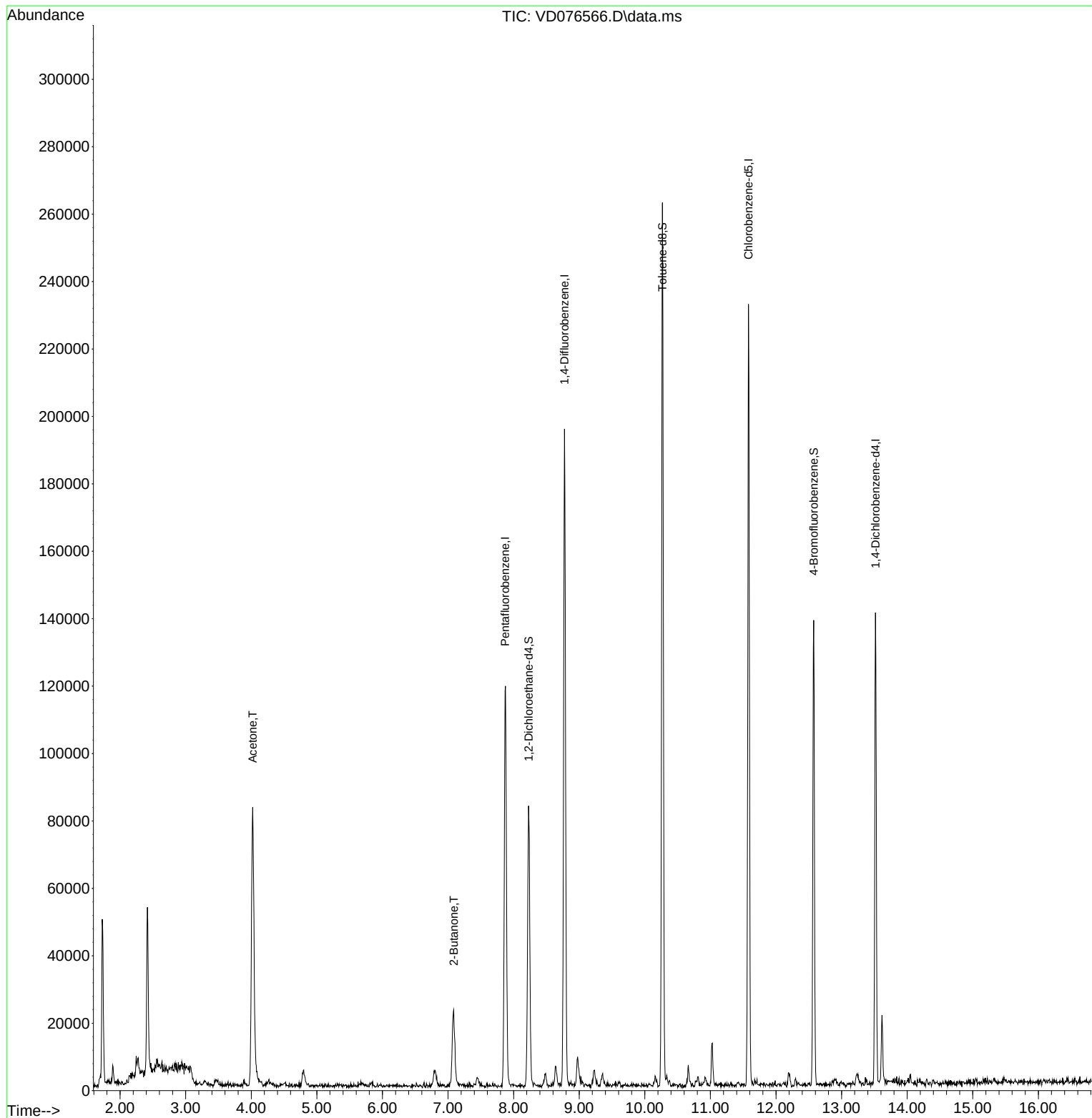
Internal Standards						
1) Pentafluorobenzene	7.869	168	94362	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	168603	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	127673	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	36266	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	62936	66.569	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	133.140%
35) Dibromofluoromethane	0.000	113	0	0.000	ug/l	
Spiked Amount	50.000	Range	54 - 147	Recovery	=	0.000%#
50) Toluene-d8	10.269	98	178376	46.958	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.920%
62) 4-Bromofluorobenzene	12.575	95	41409	33.589	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	67.180%
Target Compounds						
					Qvalue	
16) Acetone	4.022	43	143825	639.292	ug/l #	83
25) 2-Butanone	7.087	43	35565	102.208	ug/l #	72

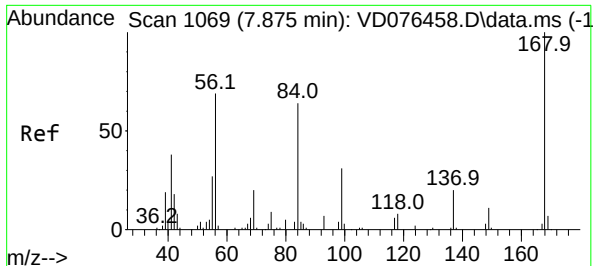
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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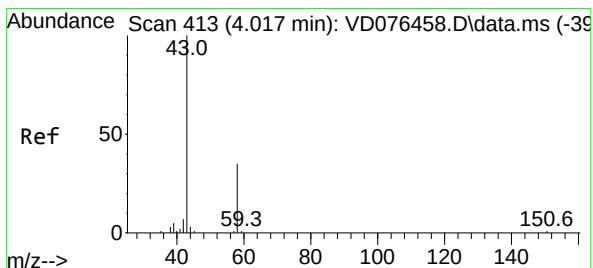
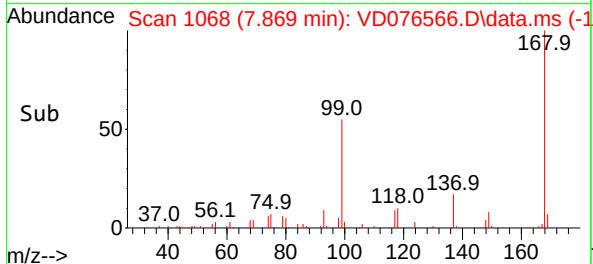
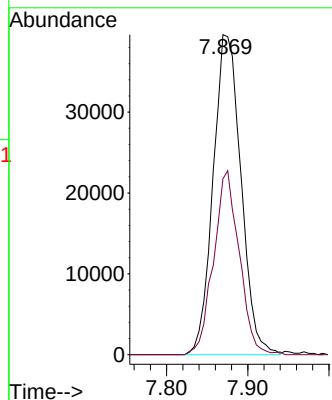
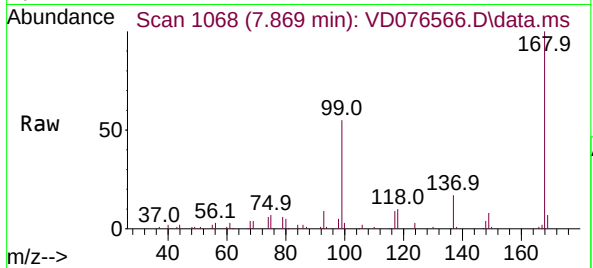




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VD076566.D
Acq: 23 Jun 2023 19:03

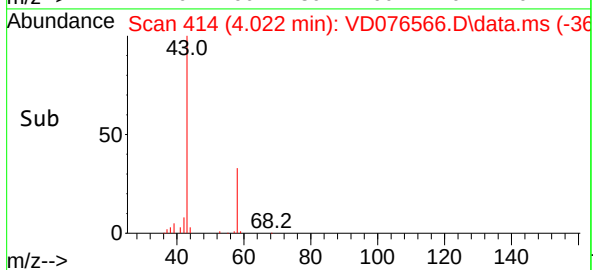
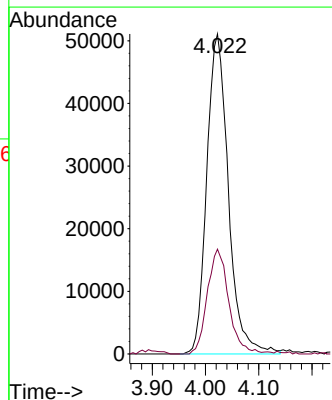
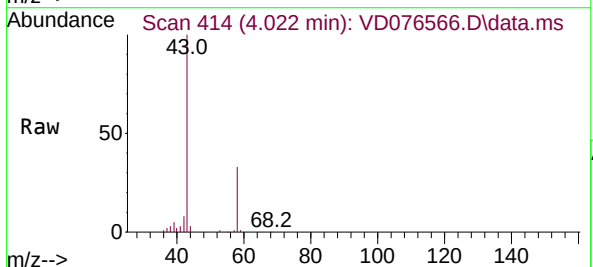
Instrument :
MSVOA_D
ClientSampleId :
TOTAL-VOC-SB-31-36-SB-31-GRAB-5

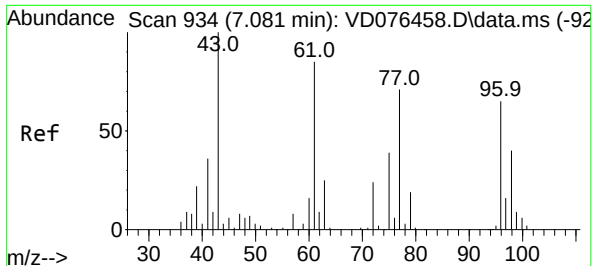
Tgt Ion:168 Resp: 94362
Ion Ratio Lower Upper
168 100
99 55.0 36.7 55.1



#16
Acetone
Concen: 639.292 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.006 min
Lab File: VD076566.D
Acq: 23 Jun 2023 19:03

Tgt Ion: 43 Resp: 143825
Ion Ratio Lower Upper
43 100
58 32.7 34.7 52.1#





#25

2-Butanone

Concen: 102.208 ug/l

RT: 7.087 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD076566.D

Acq: 23 Jun 2023 19:03

Instrument :

MSVOA_D

ClientSampleId :

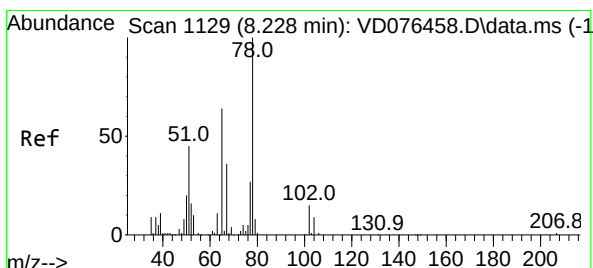
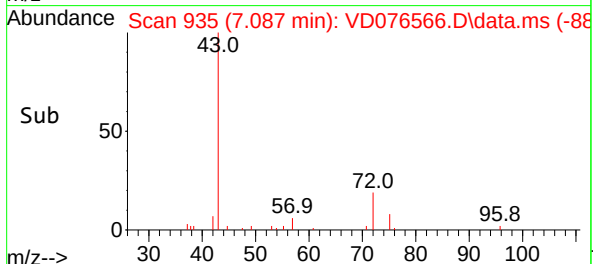
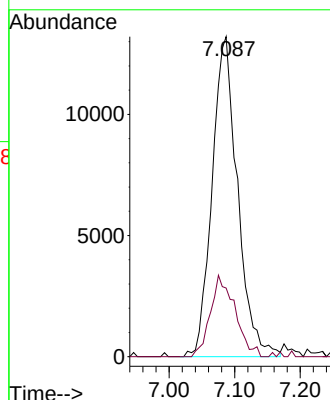
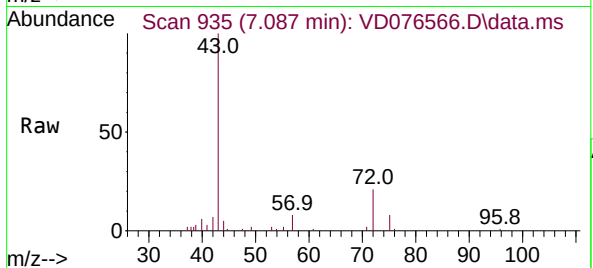
TOTAL-VOC-SB-31-36-SB-31-GRAB-5

Tgt Ion: 43 Resp: 35565

Ion Ratio Lower Upper

43 100

72 21.4 30.7 46.1#



#33

1,2-Dichloroethane-d4

Concen: 66.569 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD076566.D

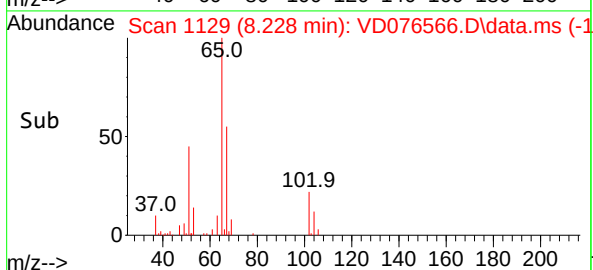
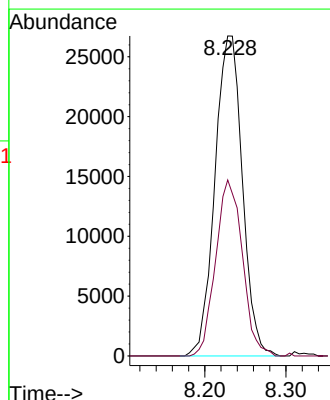
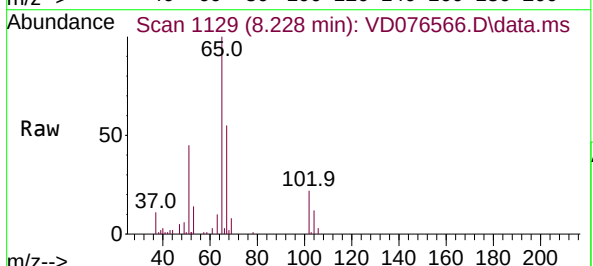
Acq: 23 Jun 2023 19:03

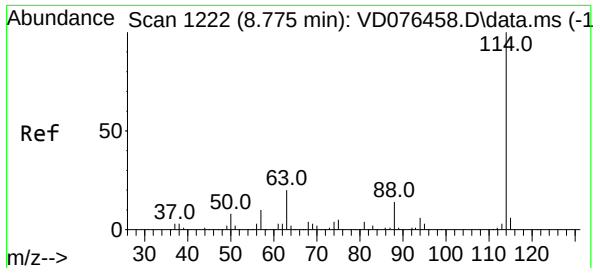
Tgt Ion: 65 Resp: 62936

Ion Ratio Lower Upper

65 100

67 53.5 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: VD076566.D

Acq: 23 Jun 2023 19:03

Instrument :

MSVOA_D

ClientSampleId :

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

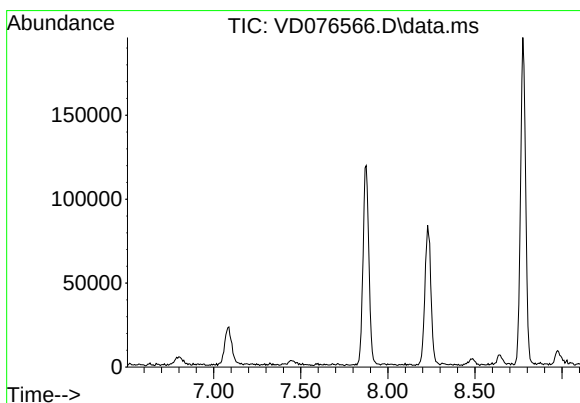
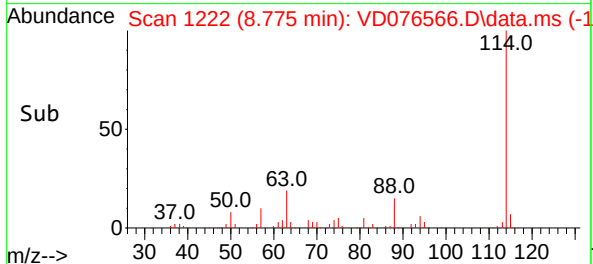
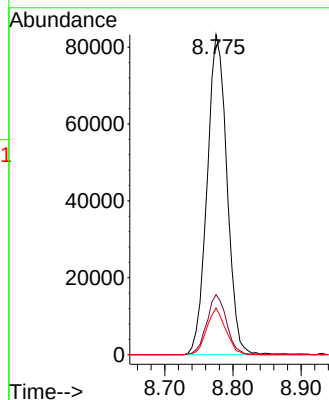
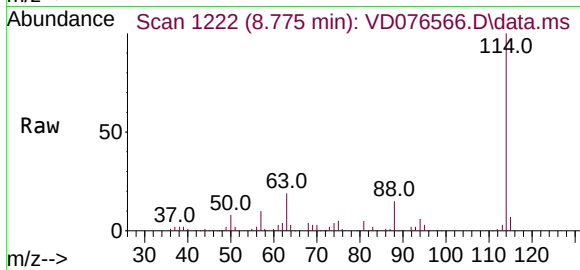
Tgt Ion:114 Resp: 168603

Ion Ratio Lower Upper

114 100

63 18.8 0.0 33.4

88 14.6 0.0 26.2



#35

Dibromofluoromethane

Concen: 0.000 ug/l

Expected RT: 7.80 min

Lab File: VD076566.D

Acq: 23 Jun 2023 19:03

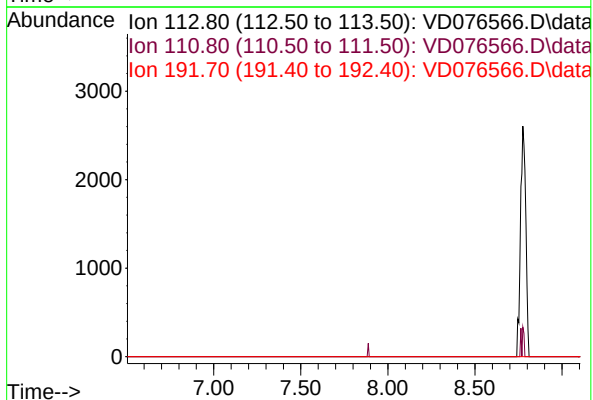
Tgt Ion: 113

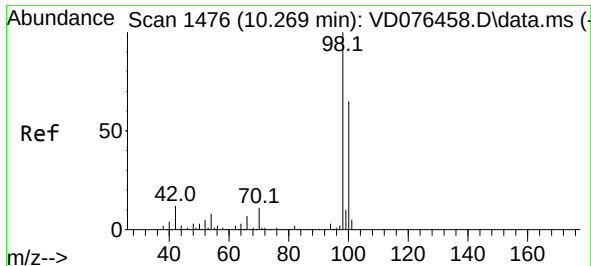
Sig Exp Ratio

113 100

111 105.9

192 21.0

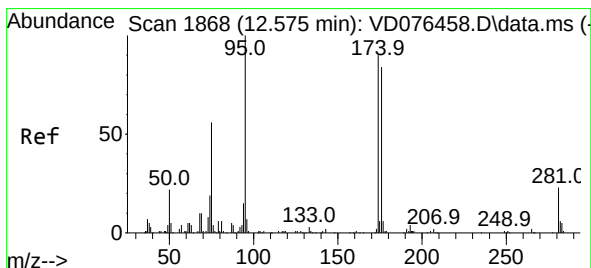
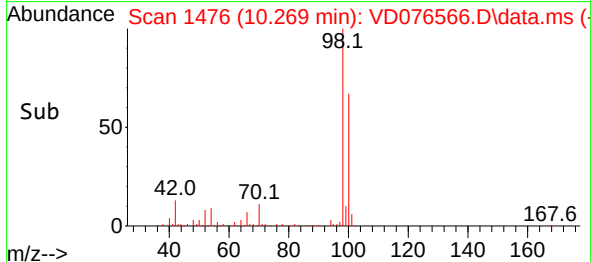
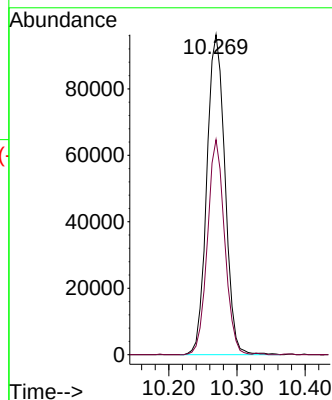
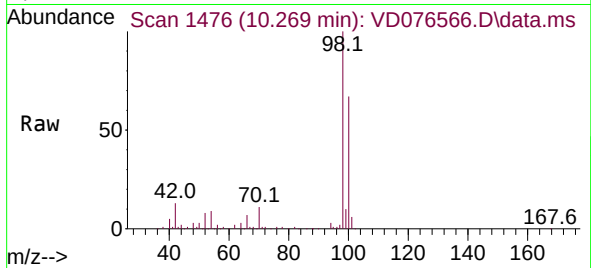




#50
Toluene-d8
Concen: 46.958 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076566.D
Acq: 23 Jun 2023 19:03

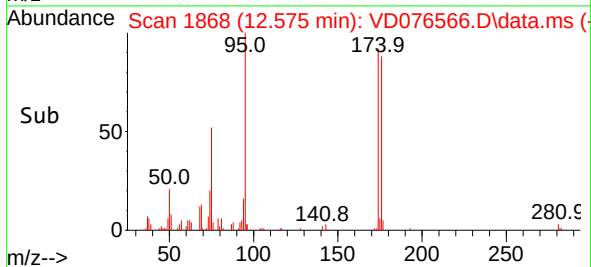
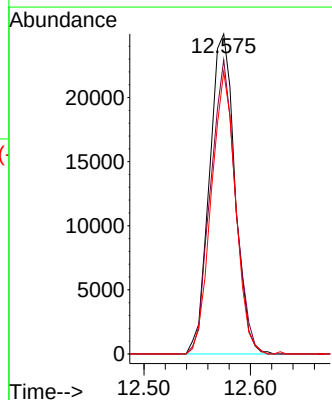
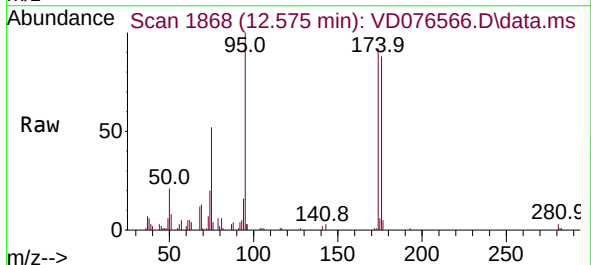
Instrument : MSVOA_D
ClientSampleId : TOTAL-VOC-SB-31-36-SB-31-GRAB-5

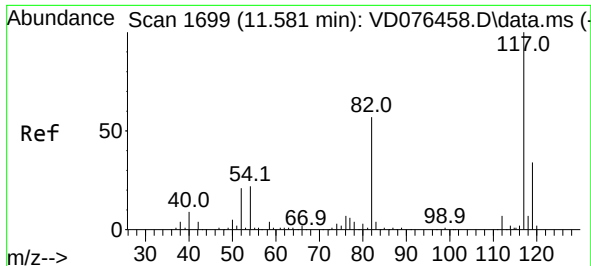
Tgt Ion: 98 Resp: 178376
Ion Ratio Lower Upper
98 100
100 63.6 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 33.589 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD076566.D
Acq: 23 Jun 2023 19:03

Tgt Ion: 95 Resp: 41409
Ion Ratio Lower Upper
95 100
174 90.0 0.0 201.8
176 84.0 0.0 191.8

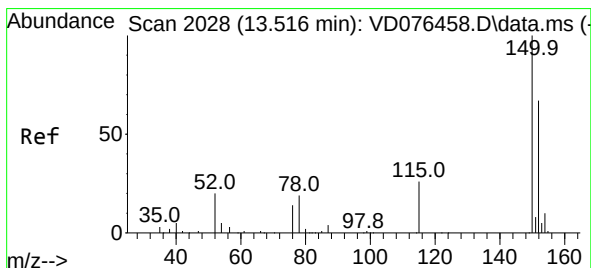
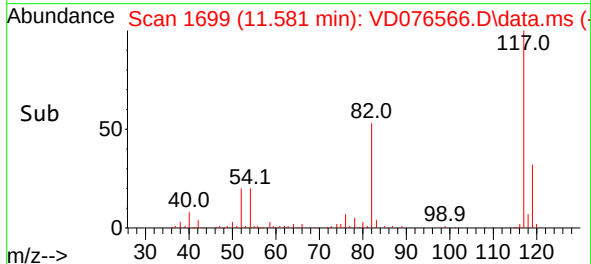
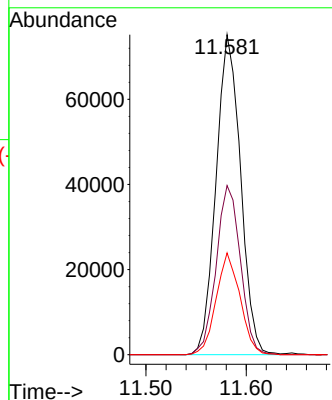
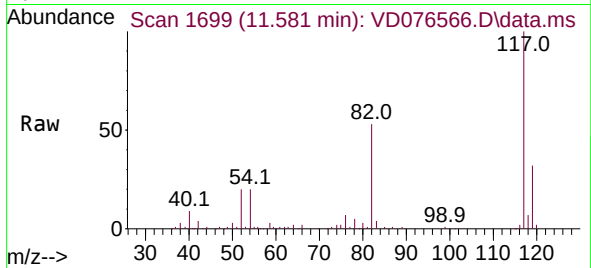




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD076566.D
Acq: 23 Jun 2023 19:03

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

Tgt Ion:117 Resp: 127673
Ion Ratio Lower Upper
117 100
82 52.9 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: VD076566.D
Acq: 23 Jun 2023 19:03

Tgt Ion:152 Resp: 36266
Ion Ratio Lower Upper
152 100
115 57.3 27.1 81.3
150 156.5 0.0 353.6

