

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062323\
 Data File : VD076567.D
 Acq On : 23 Jun 2023 19:33
 Operator : KP/SY
 Sample : 03361-12
 Misc : 13.31G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

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

Quant Time: Jun 24 01:00:00 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)

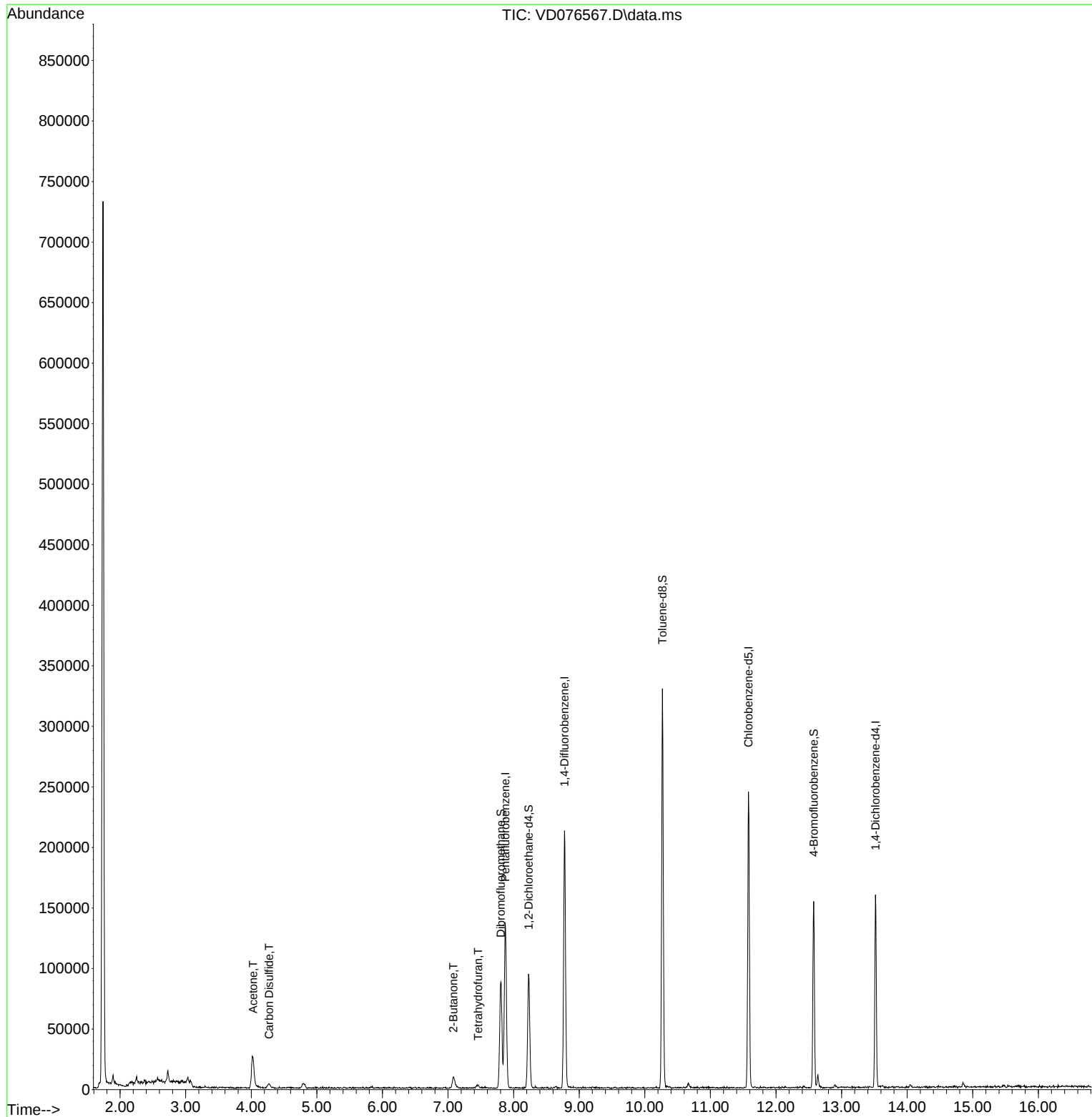
Internal Standards						
1) Pentafluorobenzene	7.875	168	108725	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	184337	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	136219	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	40509	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	70712	64.913	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 129.820%			
35) Dibromofluoromethane	7.805	113	65412	59.732	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 119.460%			
50) Toluene-d8	10.269	98	215870	51.978	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 103.960%			
62) 4-Bromofluorobenzene	12.575	95	43761	32.467	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 64.940%			
Target Compounds						
16) Acetone	4.028	43	45840	176.839	ug/l	87
17) Carbon Disulfide	4.269	76	6514	2.396	ug/l	100
25) 2-Butanone	7.081	43	17068	42.571	ug/l #	71
29) Tetrahydrofuran	7.457	42	1680	6.520	ug/l #	53

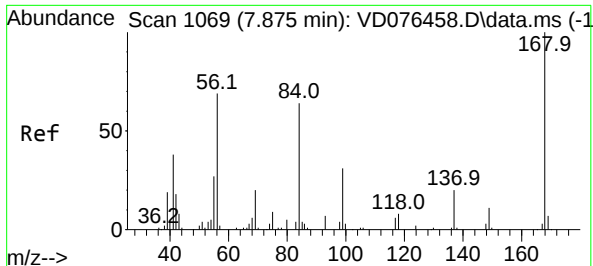
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

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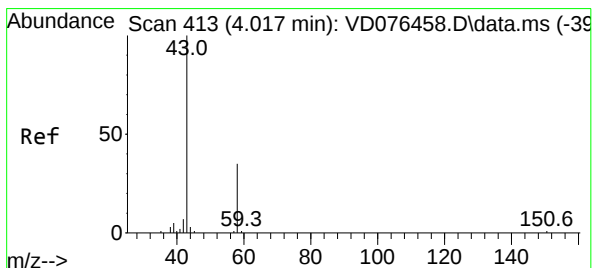
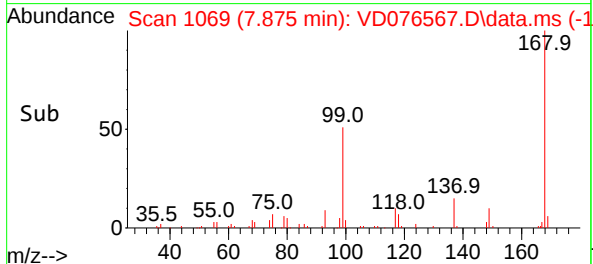
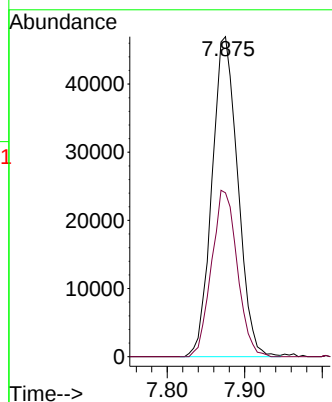
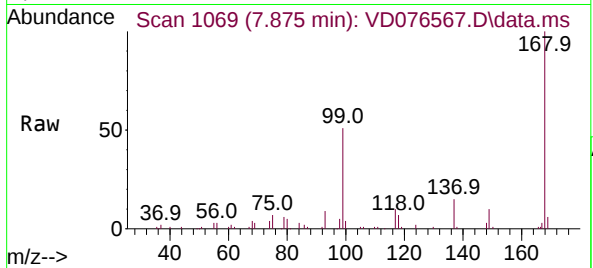




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076567.D
Acq: 23 Jun 2023 19:33

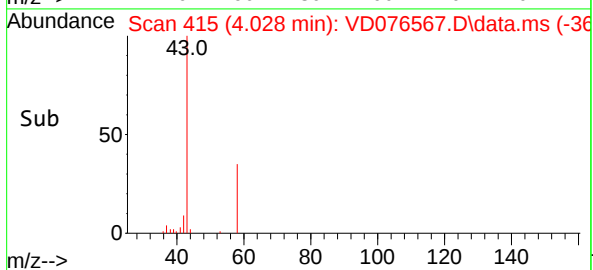
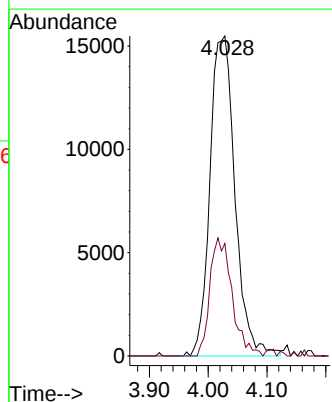
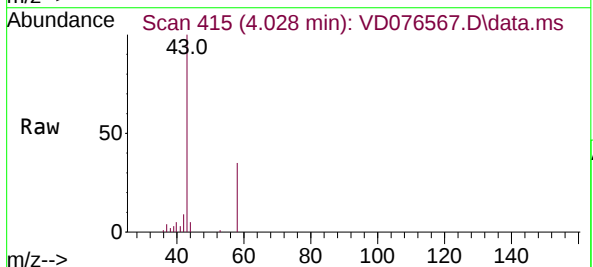
Instrument :
MSVOA_D
ClientSampleId :
TOTAL-VOC-SB-31-36-SB-36-GRAB-5

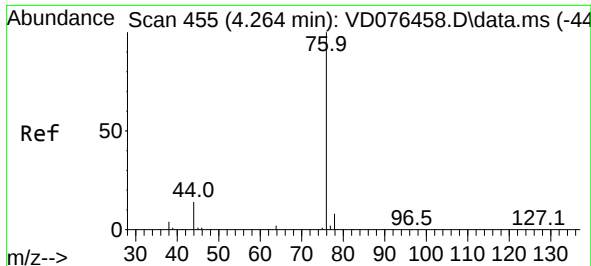
Tgt Ion:168 Resp: 108725
Ion Ratio Lower Upper
168 100
99 51.2 36.7 55.1



#16
Acetone
Concen: 176.839 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.012 min
Lab File: VD076567.D
Acq: 23 Jun 2023 19:33

Tgt Ion: 43 Resp: 45840
Ion Ratio Lower Upper
43 100
58 35.2 34.7 52.1

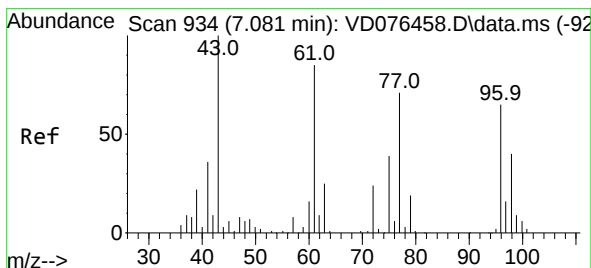
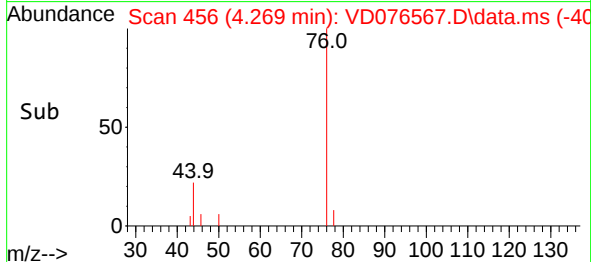
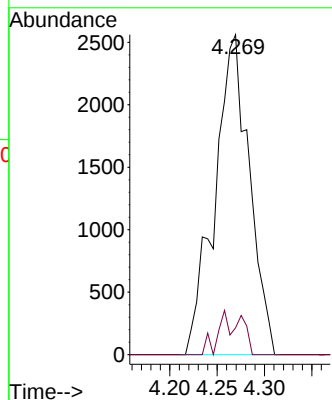
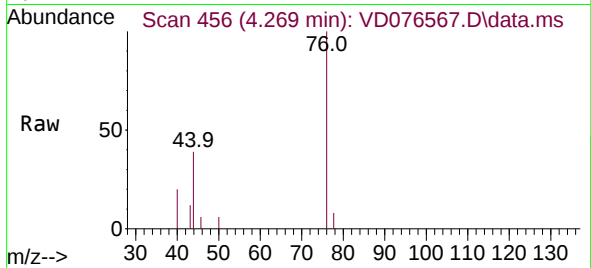




#17
Carbon Disulfide
Concen: 2.396 ug/l
RT: 4.269 min Scan# 41
Delta R.T. 0.006 min
Lab File: VD076567.D
Acq: 23 Jun 2023 19:33

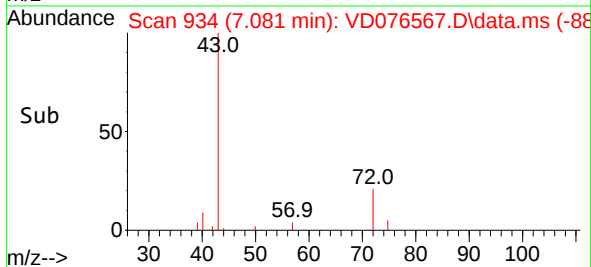
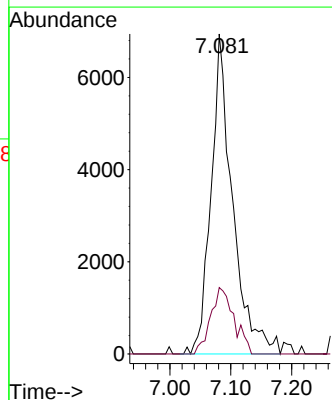
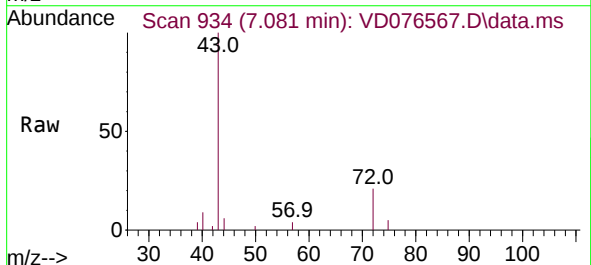
Instrument : MSVOA_D
ClientSampleId : TOTAL-VOC-SB-31-36-SB-36-GRAB-5

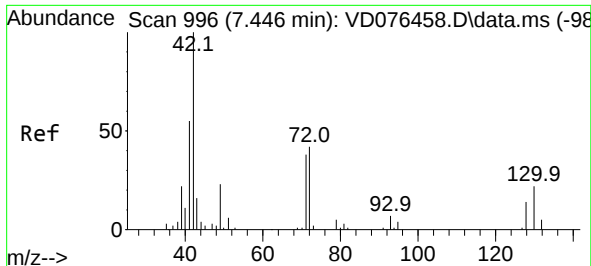
Tgt Ion: 76 Resp: 6514
Ion Ratio Lower Upper
76 100
78 8.4 6.8 10.2



#25
2-Butanone
Concen: 42.571 ug/l
RT: 7.081 min Scan# 934
Delta R.T. -0.000 min
Lab File: VD076567.D
Acq: 23 Jun 2023 19:33

Tgt Ion: 43 Resp: 17068
Ion Ratio Lower Upper
43 100
72 20.8 30.7 46.1#

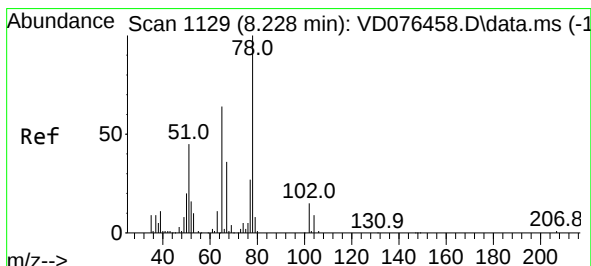
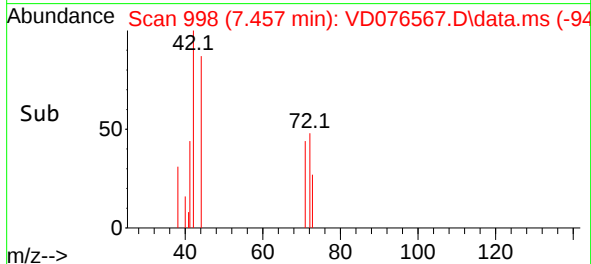
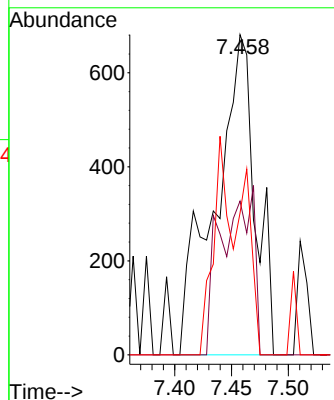
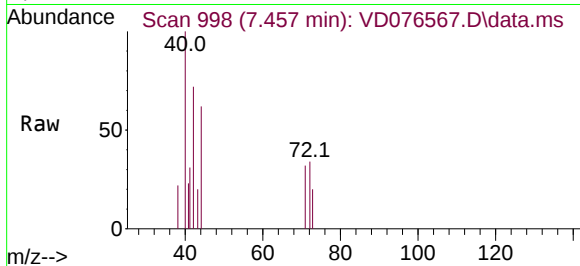




#29
Tetrahydrofuran
Concen: 6.520 ug/l
RT: 7.457 min Scan# 998
Delta R.T. 0.011 min
Lab File: VD076567.D
Acq: 23 Jun 2023 19:33

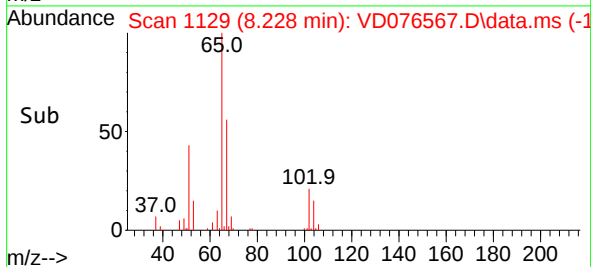
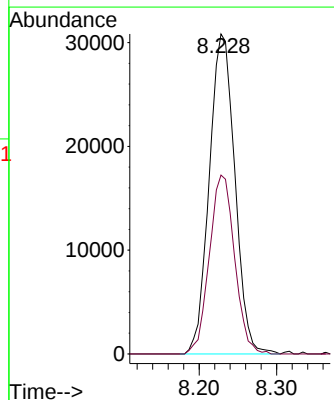
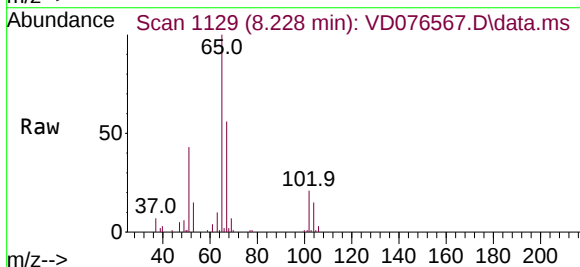
Instrument :
MSVOA_D
ClientSampleId :
TOTAL-VOC-SB-31-36-SB-36-GRAB-5

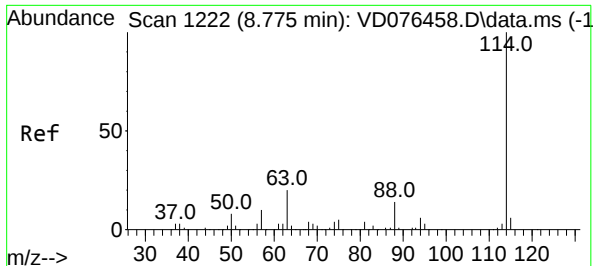
Tgt Ion: 42 Resp: 1680
Ion Ratio Lower Upper
42 100
72 26.0 46.5 69.7#
71 18.6 44.5 66.7#



#33
1,2-Dichloroethane-d4
Concen: 64.913 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD076567.D
Acq: 23 Jun 2023 19:33

Tgt Ion: 65 Resp: 70712
Ion Ratio Lower Upper
65 100
67 55.2 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: VD076567.D

Acq: 23 Jun 2023 19:33

Instrument :

MSVOA_D

ClientSampleId :

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

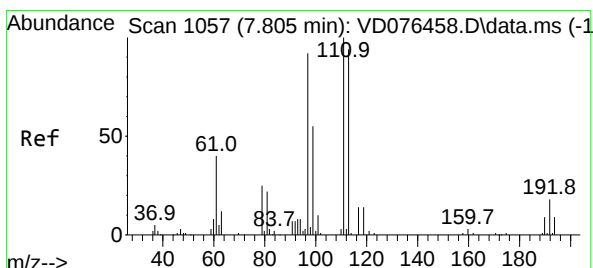
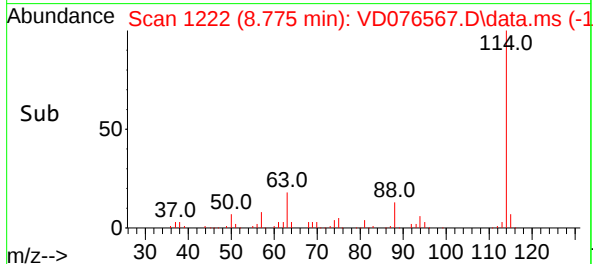
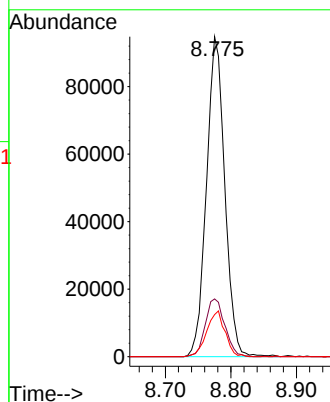
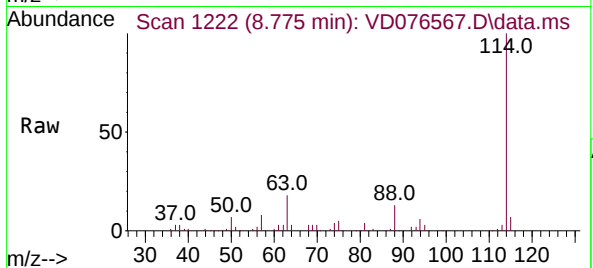
Tgt Ion:114 Resp: 184337

Ion Ratio Lower Upper

114 100

63 18.1 0.0 33.4

88 13.2 0.0 26.2



#35

Dibromofluoromethane

Concen: 59.732 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD076567.D

Acq: 23 Jun 2023 19:33

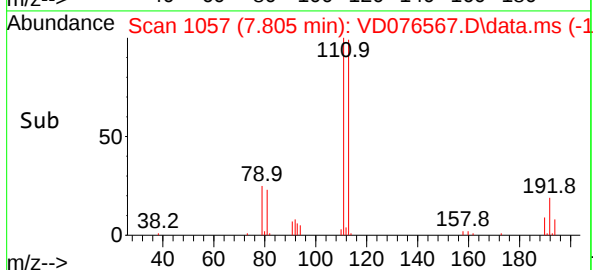
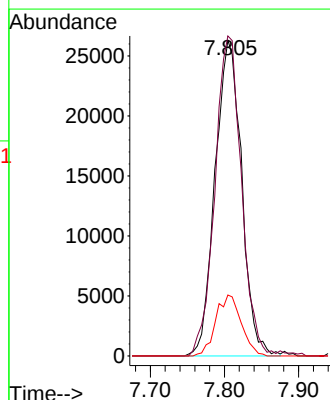
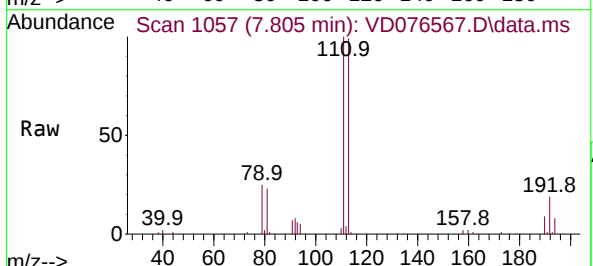
Tgt Ion:113 Resp: 65412

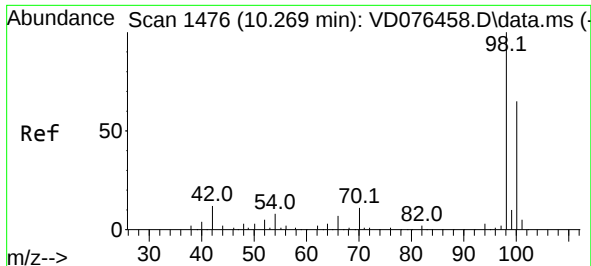
Ion Ratio Lower Upper

113 100

111 100.8 84.7 127.1

192 18.5 16.8 25.2

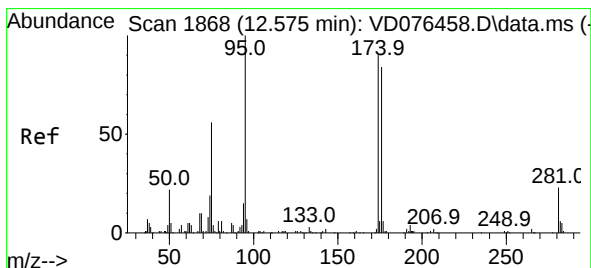
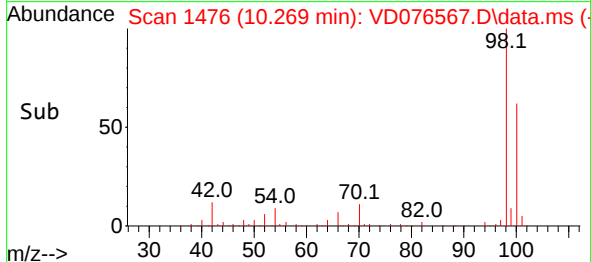
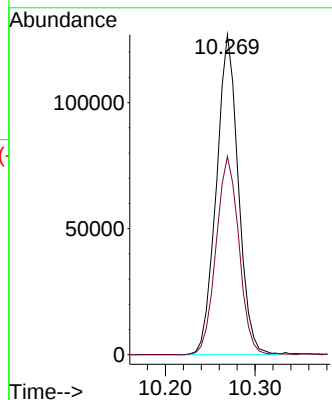
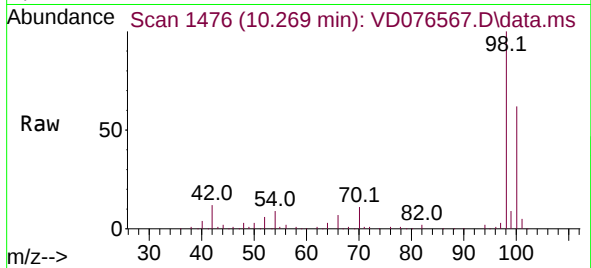




#50
Toluene-d8
Concen: 51.978 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD076567.D
Acq: 23 Jun 2023 19:33

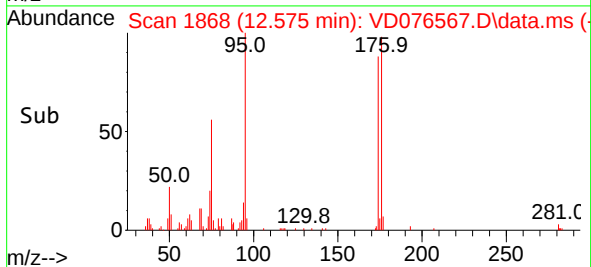
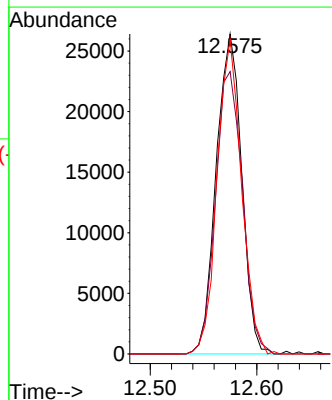
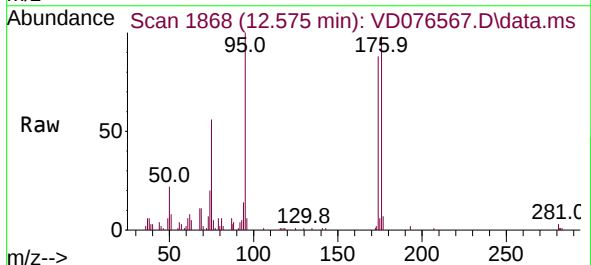
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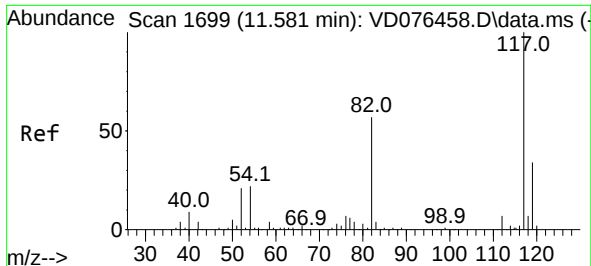
Tgt Ion: 98 Resp: 215870
Ion Ratio Lower Upper
98 100
100 64.5 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 32.467 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076567.D
Acq: 23 Jun 2023 19:33

Tgt Ion: 95 Resp: 43761
Ion Ratio Lower Upper
95 100
174 93.2 0.0 201.8
176 94.5 0.0 191.8

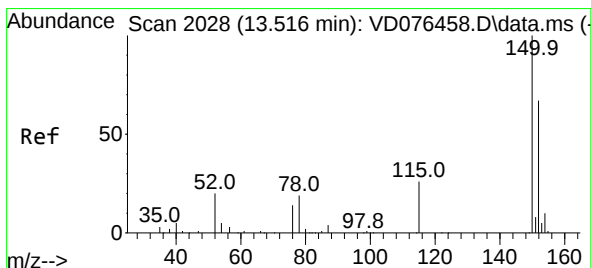
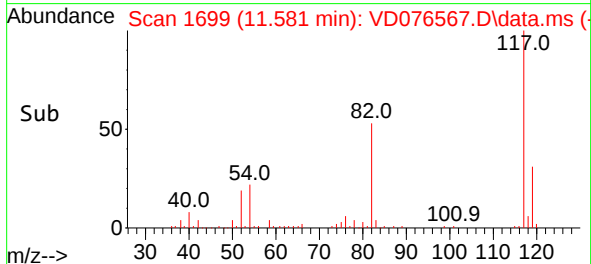
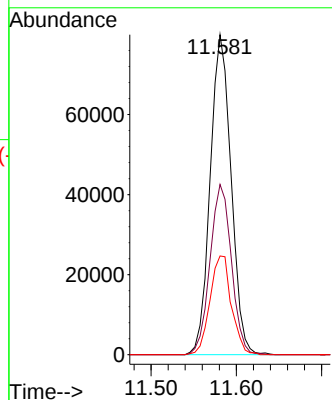
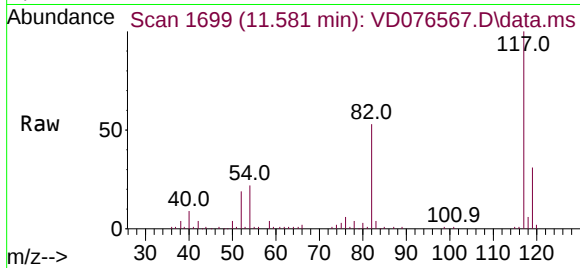




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD076567.D
Acq: 23 Jun 2023 19:33

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

Tgt Ion:117 Resp: 136219
Ion Ratio Lower Upper
117 100
82 53.2 38.3 57.5
119 30.8 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: VD076567.D
Acq: 23 Jun 2023 19:33

Tgt Ion:152 Resp: 40509
Ion Ratio Lower Upper
152 100
115 54.5 27.1 81.3
150 152.8 0.0 353.6

