

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012523\
 Data File : VD075202.D
 Acq On : 25 Jan 2023 14:08
 Operator : KP/SY
 Sample : 01251-05
 Misc : 3.98G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TOT-VOC-1

Quant Time: Jan 25 15:57:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 19 01:32:27 2023
 Response via : Initial Calibration

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

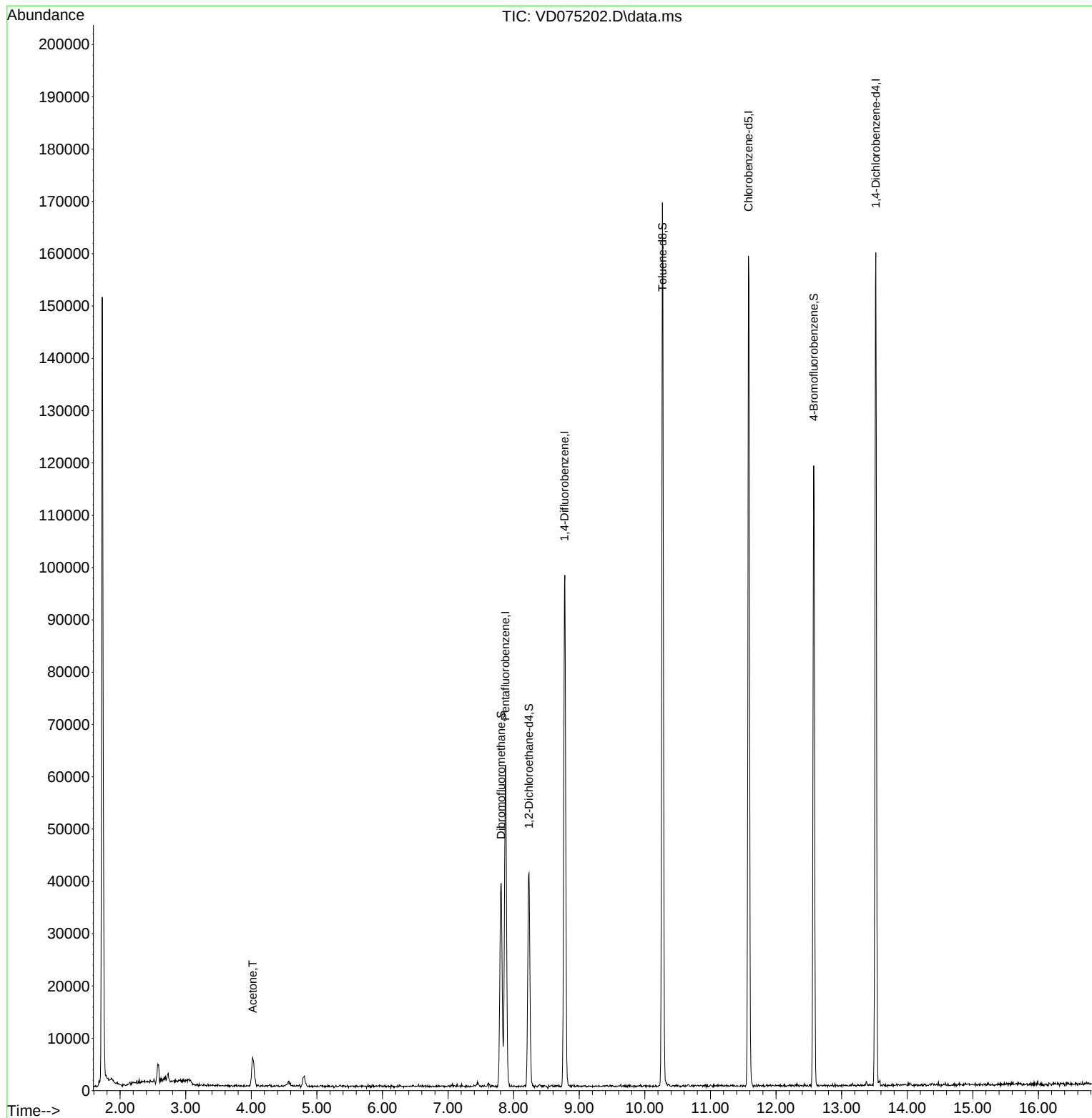
Internal Standards						
1) Pentafluorobenzene	7.875	168	45753	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	88017	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	87856	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	40405	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	32686	70.010	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 140.020%		
35) Dibromofluoromethane	7.810	113	29512	55.488	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 110.980%		
50) Toluene-d8	10.269	98	111717	53.348	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 106.700%		
62) 4-Bromofluorobenzene	12.575	95	39189	58.965	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 117.940%		
Target Compounds						
16) Acetone	4.022	43	9752	79.197	ug/l	Qvalue 98

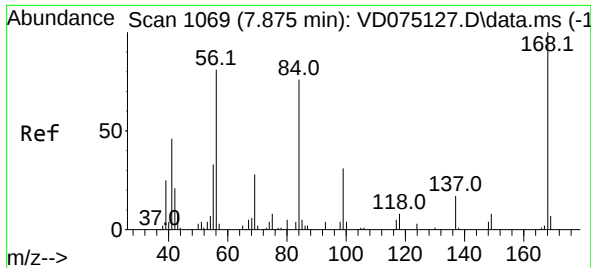
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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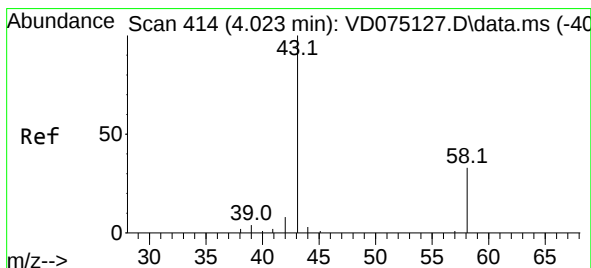
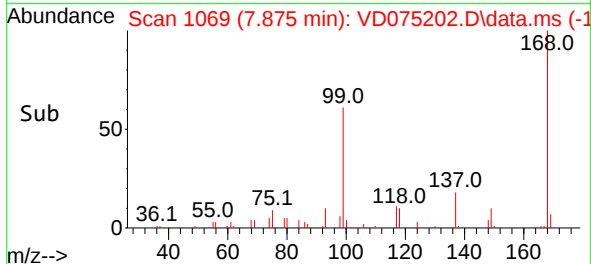
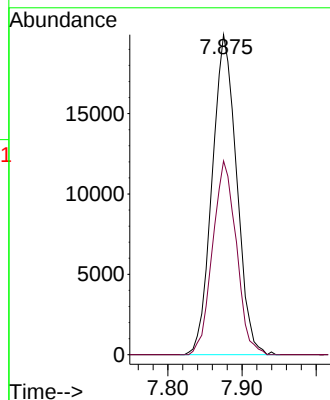
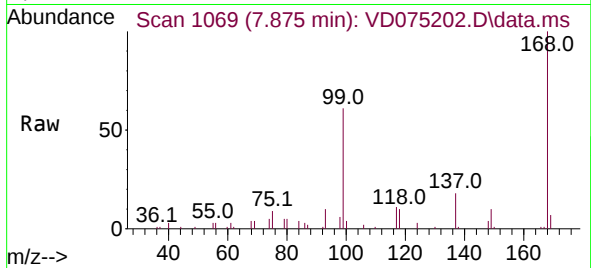




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD075202.D
Acq: 25 Jan 2023 14:08

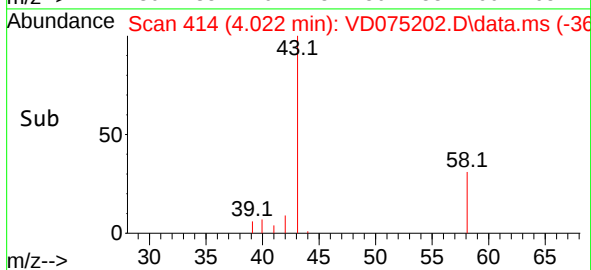
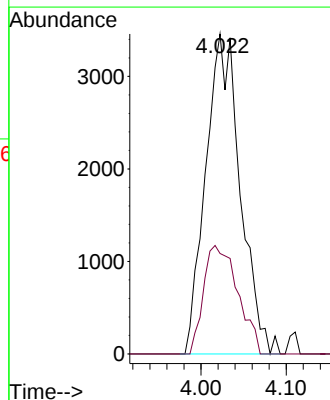
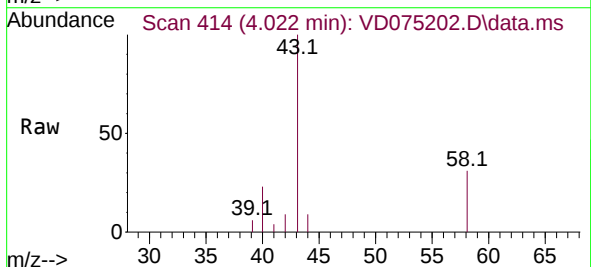
Instrument :
MSVOA_D
ClientSampleId :
TOT-VOC-1

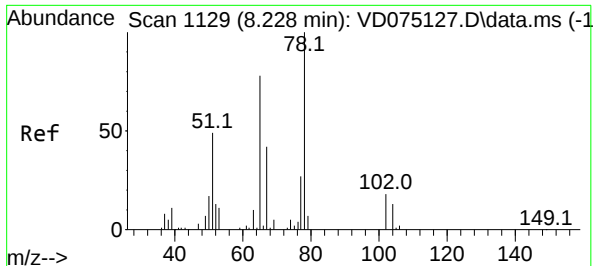
Tgt Ion:168 Resp: 45753
Ion Ratio Lower Upper
168 100
99 60.6 45.2 67.8



#16
Acetone
Concen: 79.197 ug/l
RT: 4.022 min Scan# 414
Delta R.T. -0.000 min
Lab File: VD075202.D
Acq: 25 Jan 2023 14:08

Tgt Ion: 43 Resp: 9752
Ion Ratio Lower Upper
43 100
58 31.4 26.0 39.0





#33

1,2-Dichloroethane-d4

Concen: 70.010 ug/l

RT: 8.234 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VD075202.D

Acq: 25 Jan 2023 14:08

Instrument :

MSVOA_D

ClientSampleId :

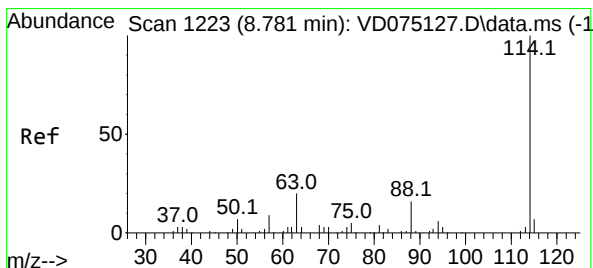
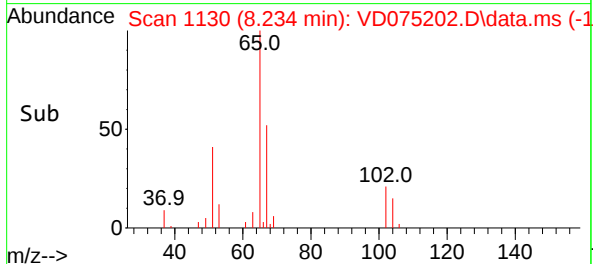
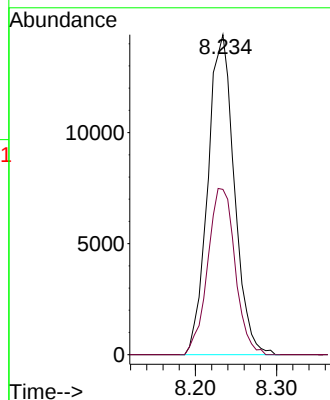
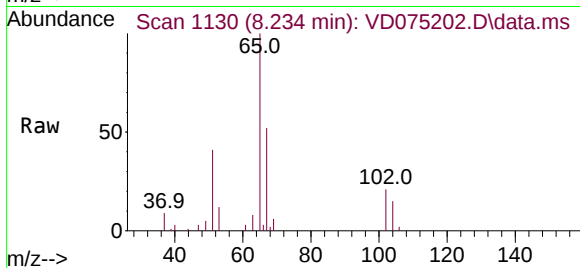
TOT-VOC-1

Tgt Ion: 65 Resp: 32686

Ion Ratio Lower Upper

65 100

67 53.8 0.0 105.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.006 min

Lab File: VD075202.D

Acq: 25 Jan 2023 14:08

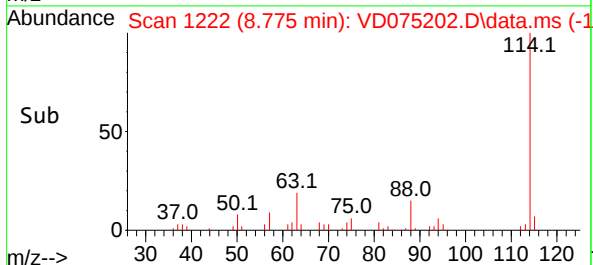
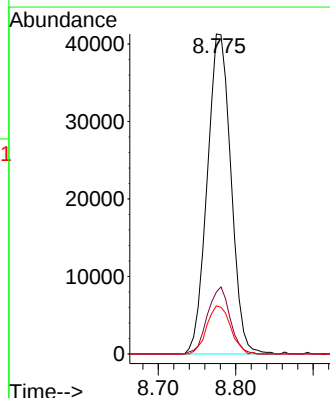
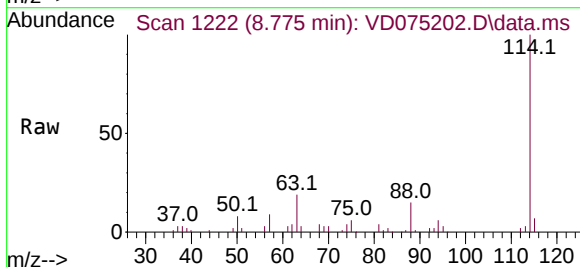
Tgt Ion: 114 Resp: 88017

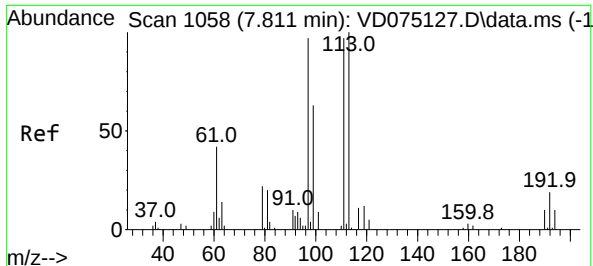
Ion Ratio Lower Upper

114 100

63 19.4 0.0 40.2

88 15.0 0.0 32.2



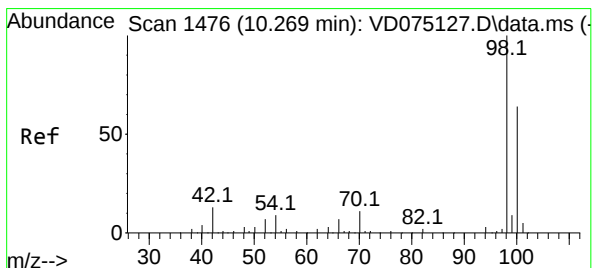
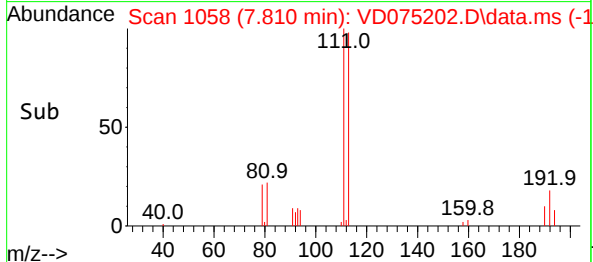
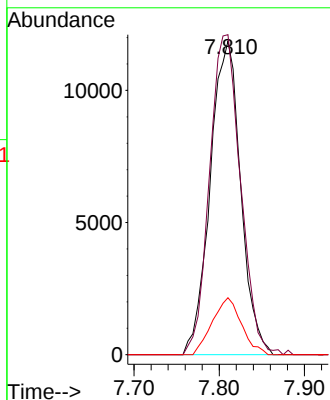
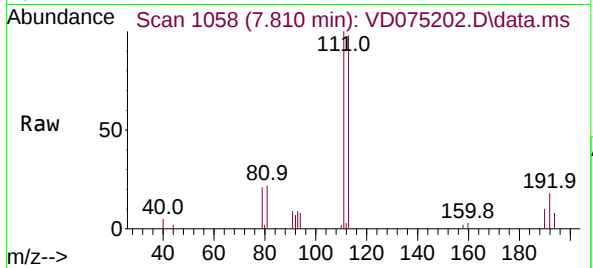


#35
 Dibromofluoromethane
 Concen: 55.488 ug/l
 RT: 7.810 min Scan# 1058
 Delta R.T. -0.000 min
 Lab File: VD075202.D
 Acq: 25 Jan 2023 14:08

Instrument :
 MSVOA_D
 ClientSampleId :
 TOT-VOC-1

Tgt Ion:113 Resp: 29512

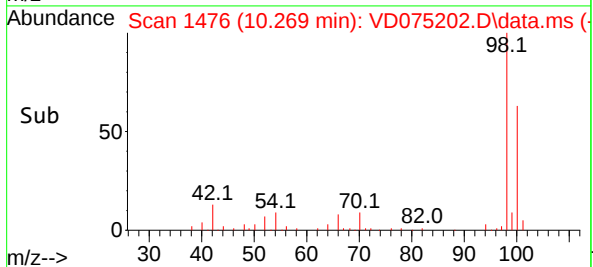
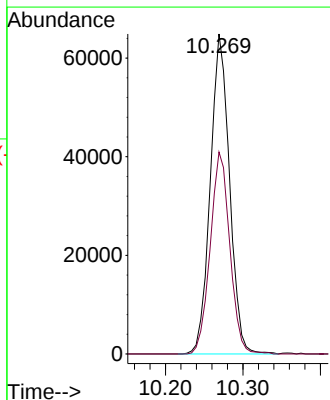
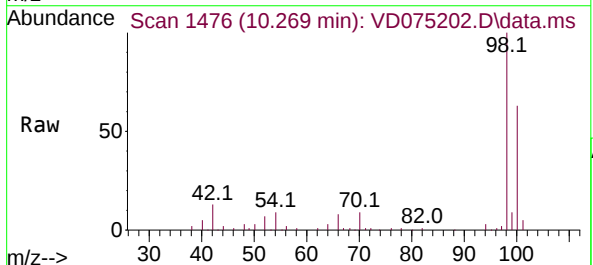
Ion	Ratio	Lower	Upper
113	100		
111	103.7	80.1	120.1
192	17.4	15.4	23.0

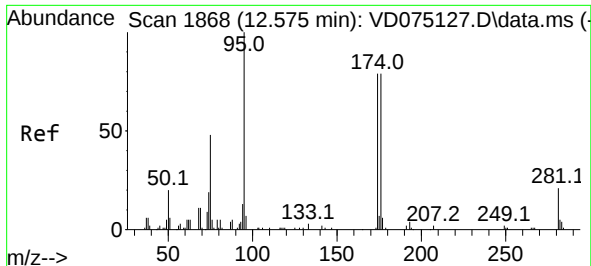


#50
 Toluene-d8
 Concen: 53.348 ug/l
 RT: 10.269 min Scan# 1476
 Delta R.T. -0.000 min
 Lab File: VD075202.D
 Acq: 25 Jan 2023 14:08

Tgt Ion: 98 Resp: 111717

Ion	Ratio	Lower	Upper
98	100		
100	64.3	52.7	79.1

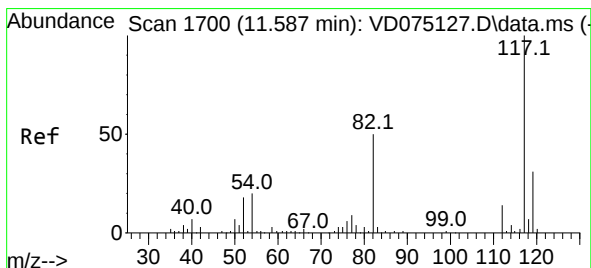
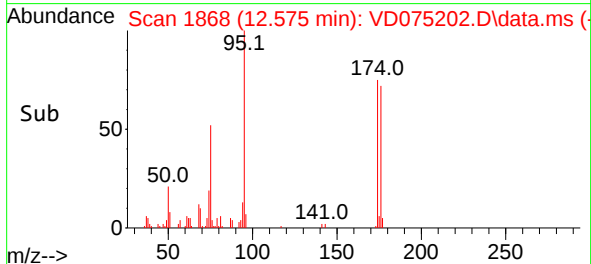
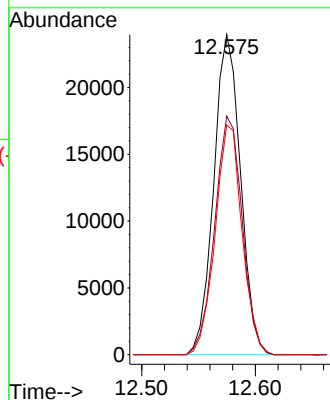
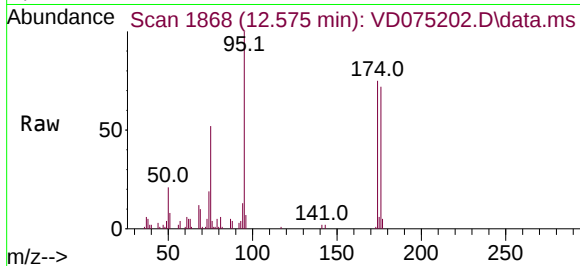




#62
4-Bromofluorobenzene
Concen: 58.965 ug/l
RT: 12.575 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VD075202.D
Acq: 25 Jan 2023 14:08

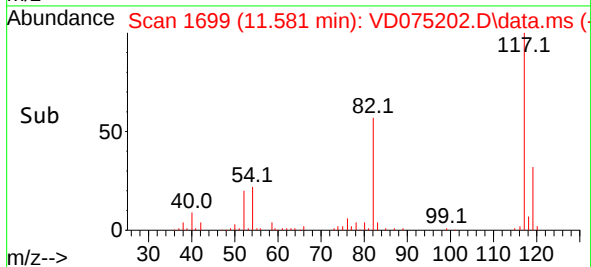
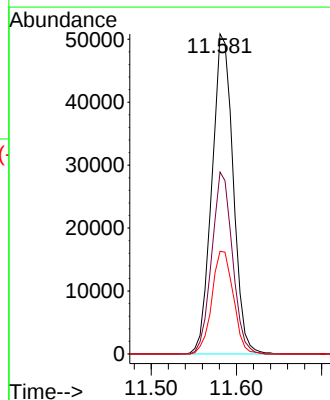
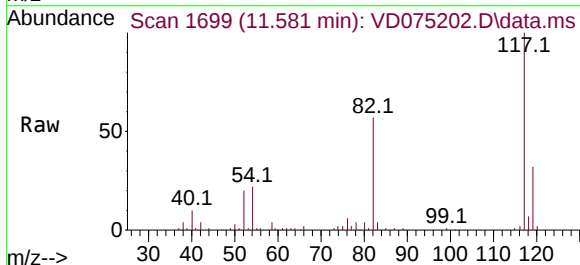
Instrument :
MSVOA_D
ClientSampleId :
TOT-VOC-1

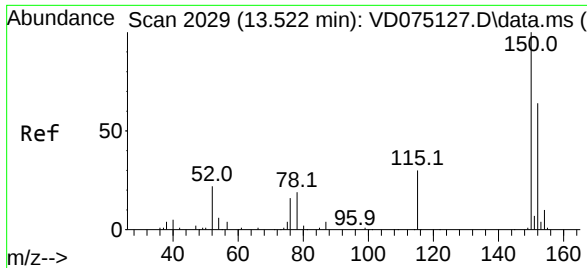
Tgt Ion: 95 Resp: 39189
Ion Ratio Lower Upper
95 100
174 76.5 0.0 161.2
176 72.4 0.0 160.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.006 min
Lab File: VD075202.D
Acq: 25 Jan 2023 14:08

Tgt Ion: 117 Resp: 87856
Ion Ratio Lower Upper
117 100
82 56.9 39.6 59.4
119 32.1 24.6 37.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.522 min Scan# 20

Delta R.T. -0.000 min

Lab File: VD075202.D

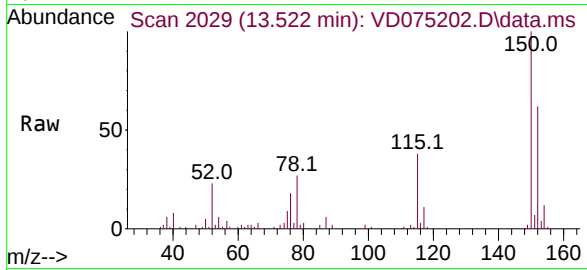
Acq: 25 Jan 2023 14:08

Instrument :

MSVOA_D

ClientSampleId :

TOT-VOC-1



Tgt Ion:152 Resp: 40405

Ion Ratio Lower Upper

152 100

115 59.6 28.8 86.4

150 160.3 0.0 348.6

