

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030424\
 Data File : VD078592.D
 Acq On : 04 Mar 2024 17:35
 Operator : RP/MD
 Sample : P1669-07
 Misc : 4.92G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-11-VOC

Quant Time: Mar 05 04:16:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D030124S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 02 03:50:17 2024
 Response via : Initial Calibration

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

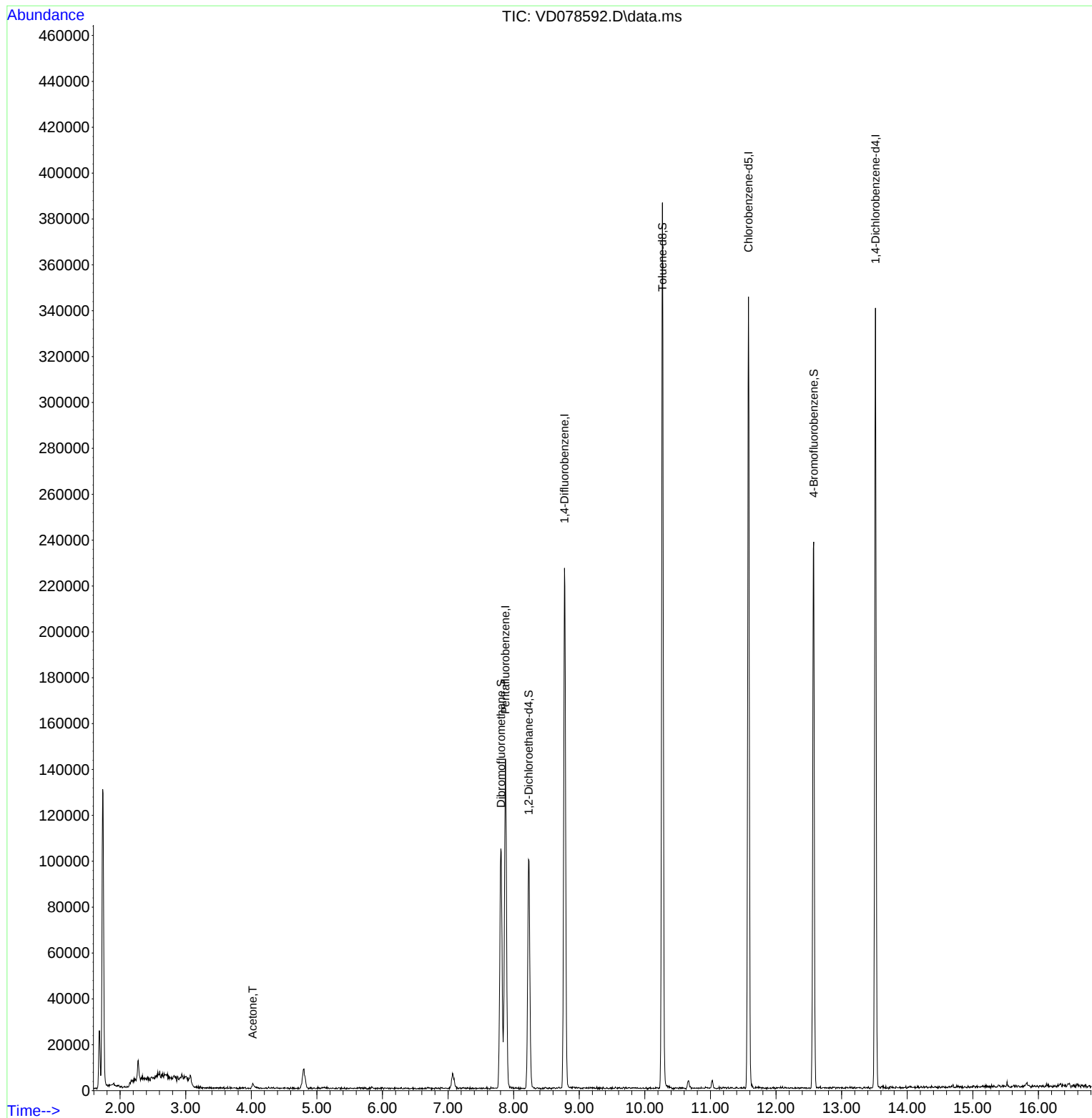
Internal Standards						
1) Pentafluorobenzene	7.875	168	110230	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	208065	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.580	117	205384	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	89574	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	75325	68.935	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	137.860%
35) Dibromofluoromethane	7.810	113	75886	56.069	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.140%
50) Toluene-d8	10.269	98	261168	49.659	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.320%
62) 4-Bromofluorobenzene	12.575	95	73207	48.735	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	97.480%
Target Compounds						
16) Acetone	4.022	43	3142	15.009	ug/l	Qvalue # 71

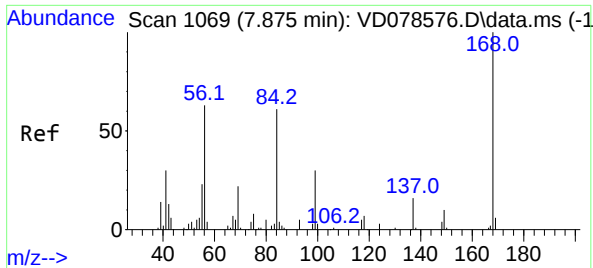
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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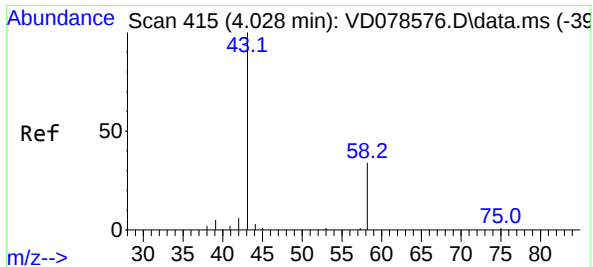
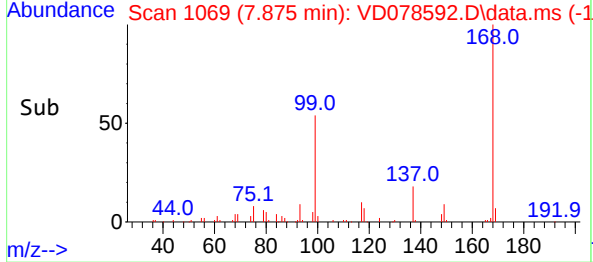
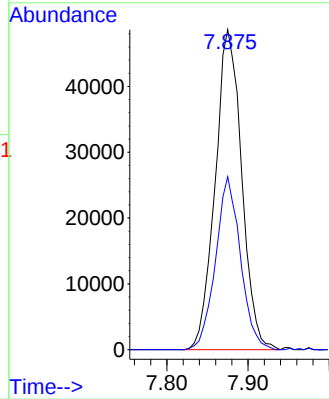
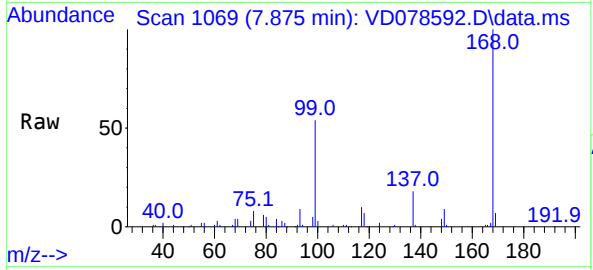




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD078592.D
Acq: 04 Mar 2024 17:35

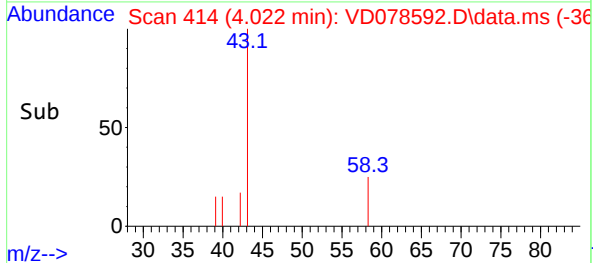
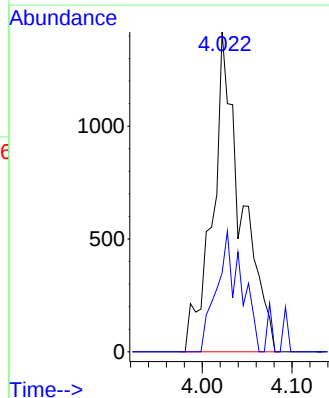
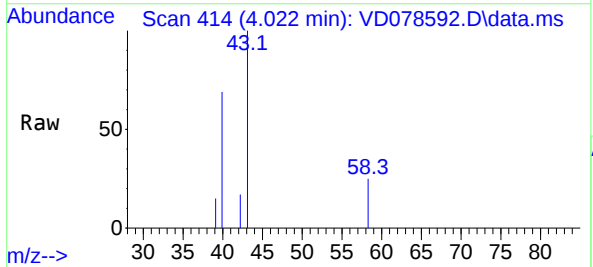
Instrument :
MSVOA_D
ClientSampleId :
TP-11-VOC

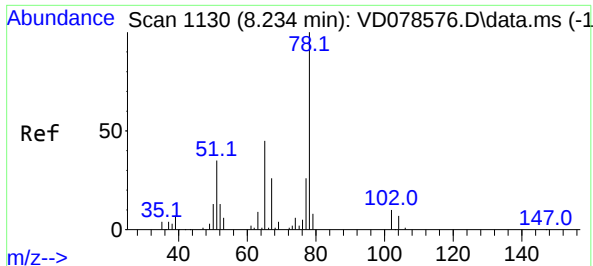
Tgt Ion:168 Resp: 110230
Ion Ratio Lower Upper
168 100
99 54.1 36.7 55.1



#16
Acetone
Concen: 15.009 ug/l
RT: 4.022 min Scan# 414
Delta R.T. -0.006 min
Lab File: VD078592.D
Acq: 04 Mar 2024 17:35

Tgt Ion: 43 Resp: 3142
Ion Ratio Lower Upper
43 100
58 24.7 34.7 52.1#





#33

1,2-Dichloroethane-d4

Concen: 68.935 ug/l

RT: 8.228 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD078592.D

Acq: 04 Mar 2024 17:35

Instrument :

MSVOA_D

ClientSampleId :

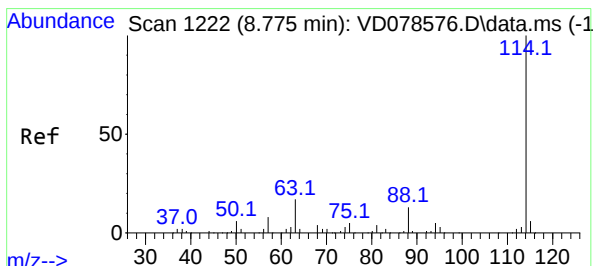
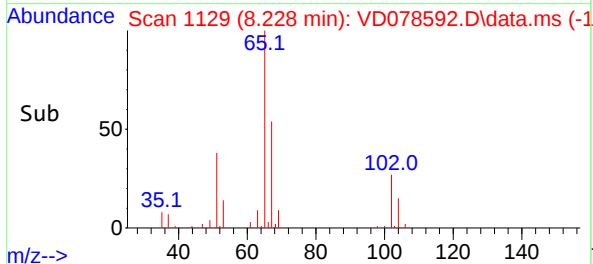
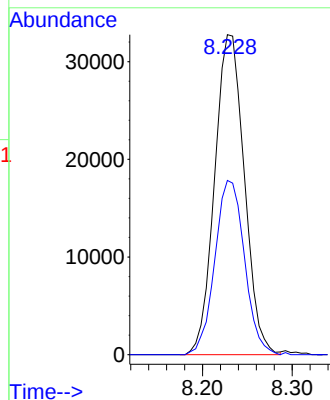
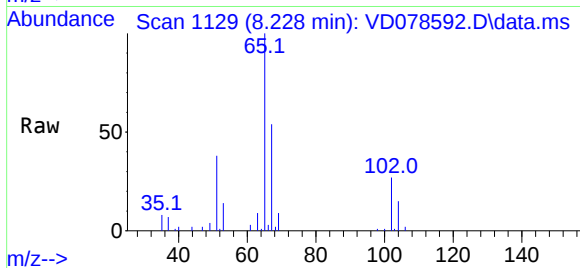
TP-11-VOC

Tgt Ion: 65 Resp: 75325

Ion Ratio Lower Upper

65 100

67 54.4 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD078592.D

Acq: 04 Mar 2024 17:35

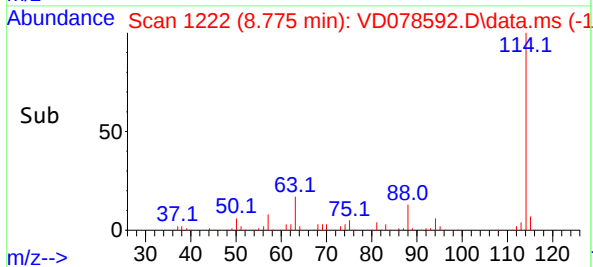
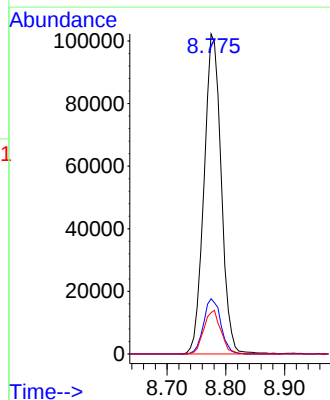
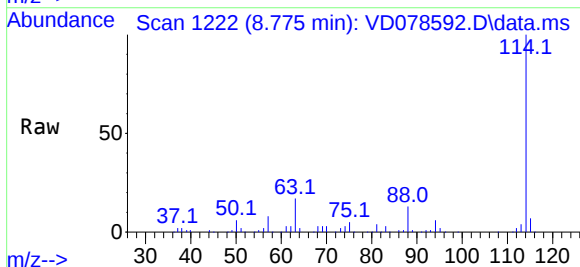
Tgt Ion:114 Resp: 208065

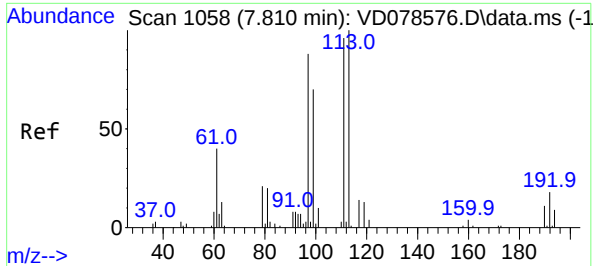
Ion Ratio Lower Upper

114 100

63 17.2 0.0 33.4

88 12.9 0.0 26.2



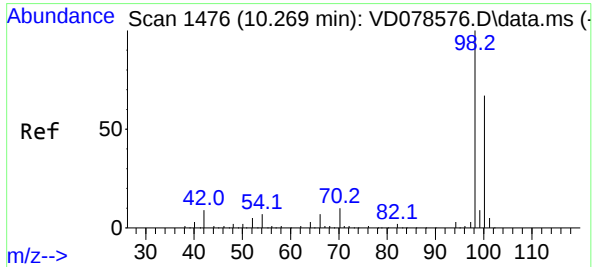
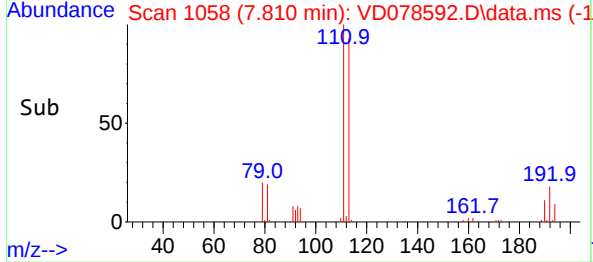
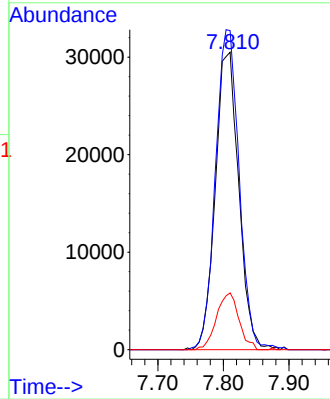
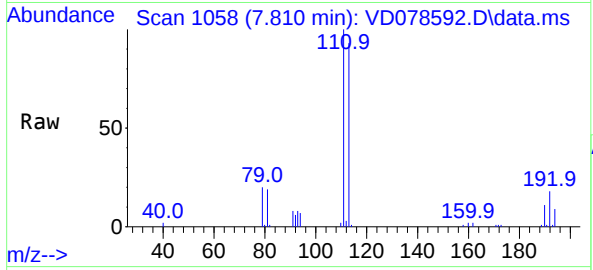


#35
Dibromofluoromethane
Concen: 56.069 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VD078592.D
Acq: 04 Mar 2024 17:35

Instrument :
MSVOA_D
ClientSampleId :
TP-11-VOC

Tgt Ion:113 Resp: 75886

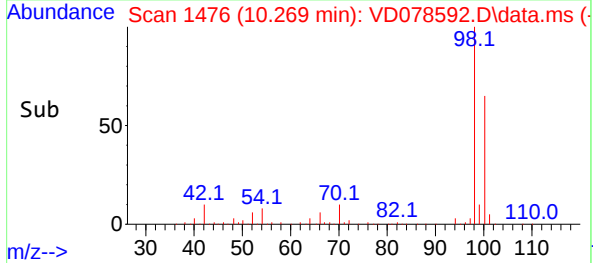
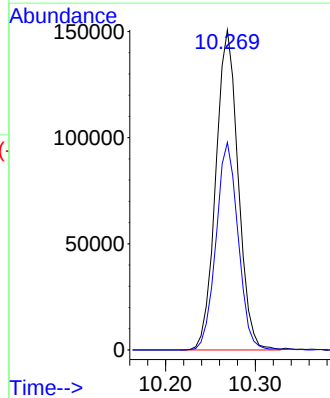
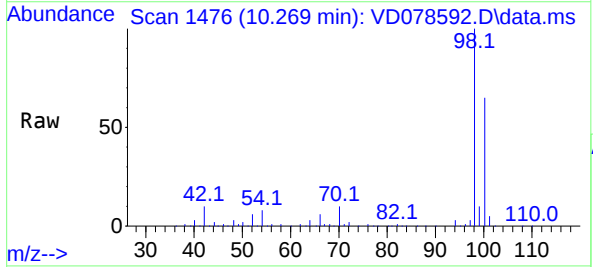
Ion	Ratio	Lower	Upper
113	100		
111	108.0	84.7	127.1
192	18.2	16.8	25.2

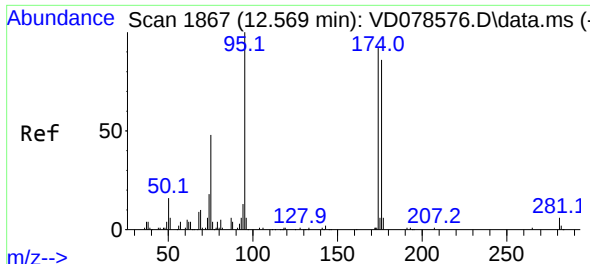


#50
Toluene-d8
Concen: 49.659 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078592.D
Acq: 04 Mar 2024 17:35

Tgt Ion: 98 Resp: 261168

Ion	Ratio	Lower	Upper
98	100		
100	63.9	50.3	75.5

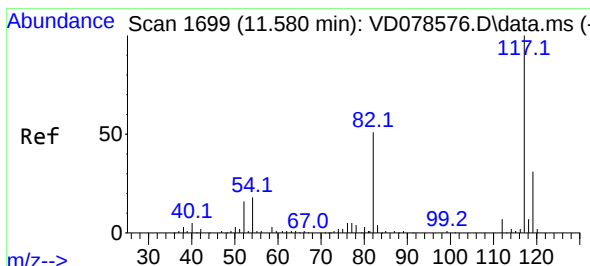
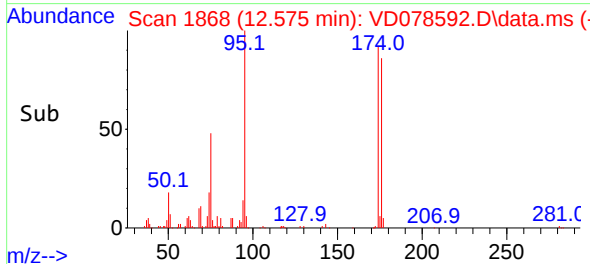
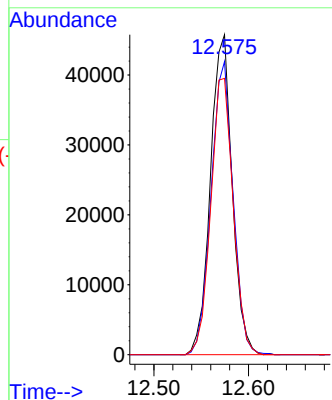
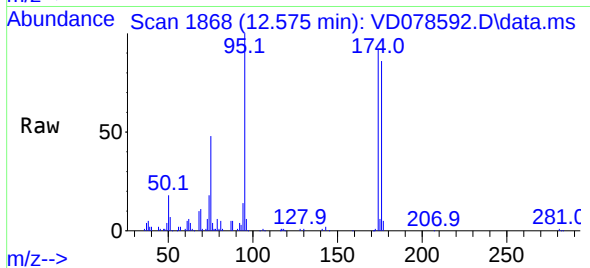




#62
4-Bromofluorobenzene
Concen: 48.735 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD078592.D
Acq: 04 Mar 2024 17:35

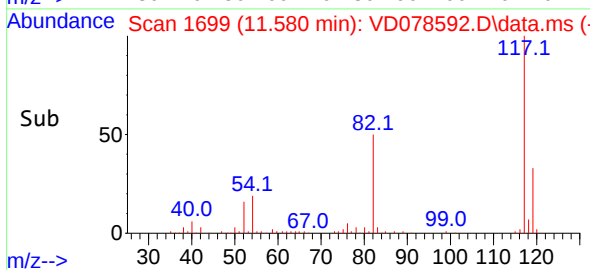
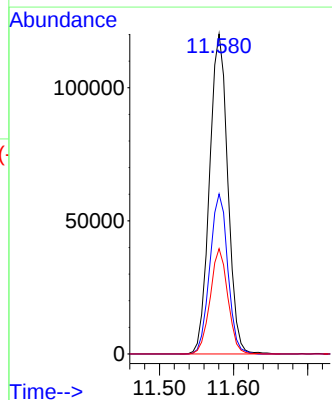
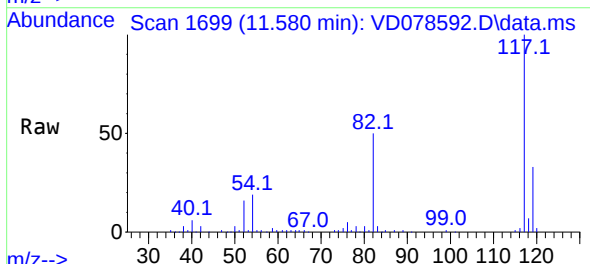
Instrument :
MSVOA_D
ClientSampleId :
TP-11-VOC

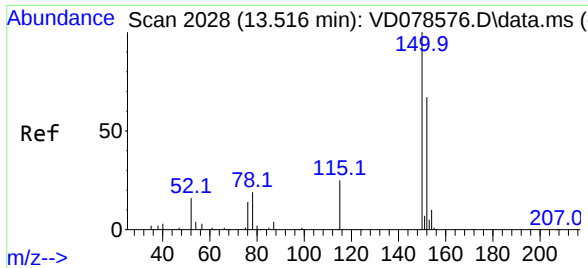
Tgt Ion: 95 Resp: 73207
Ion Ratio Lower Upper
95 100
174 92.4 0.0 201.8
176 88.9 0.0 191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.580 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD078592.D
Acq: 04 Mar 2024 17:35

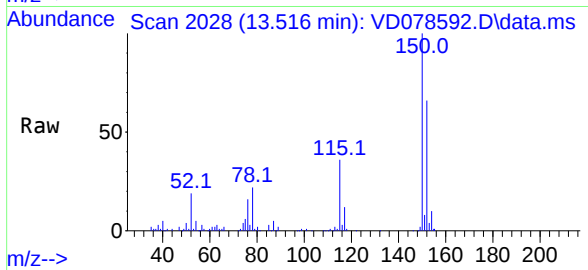
Tgt Ion: 117 Resp: 205384
Ion Ratio Lower Upper
117 100
82 50.0 38.3 57.5
119 32.9 25.0 37.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VD078592.D
 Acq: 04 Mar 2024 17:35

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-11-VOC



Tgt Ion:152 Resp: 89574

Ion	Ratio	Lower	Upper
152	100		
115	53.4	27.1	81.3
150	154.9	0.0	353.6

