

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030424\
 Data File : VD078589.D
 Acq On : 04 Mar 2024 16:12
 Operator : RP/MD
 Sample : P1672-07
 Misc : 5.15G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-3-VOC

Quant Time: Mar 05 04:15:15 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)

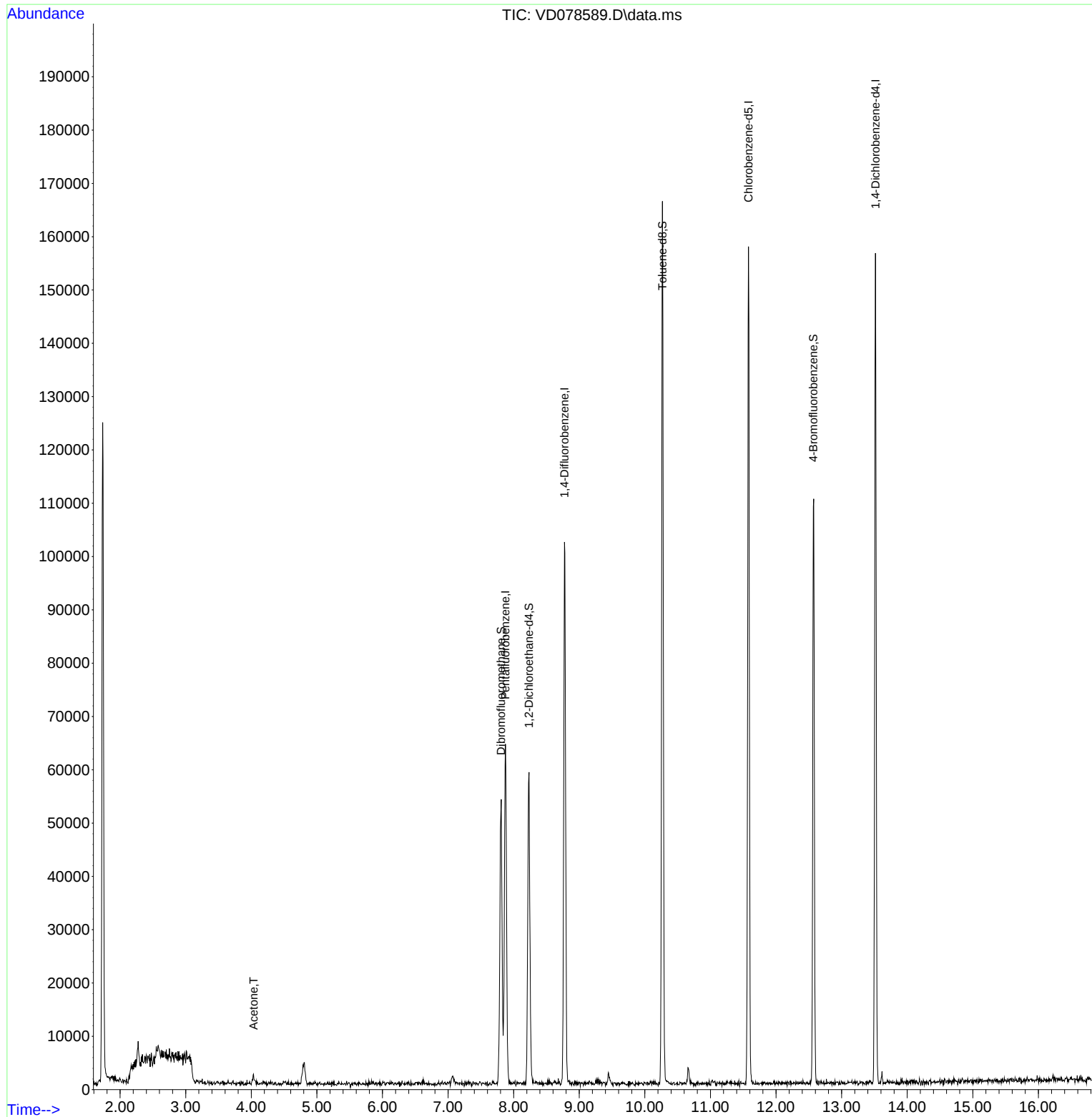
Internal Standards						
1) Pentafluorobenzene	7.875	168	50098	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	91238	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.580	117	95857	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	41916	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.233	65	43735	88.066	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 176.140%#	
35) Dibromofluoromethane	7.810	113	38019	64.059	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 128.120%	
50) Toluene-d8	10.269	98	117626	51.004	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.000%	
62) 4-Bromofluorobenzene	12.569	95	34041	51.679	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 103.360%	
Target Compounds						
16) Acetone	4.034	43	1830	19.234	ug/l	Qvalue 97

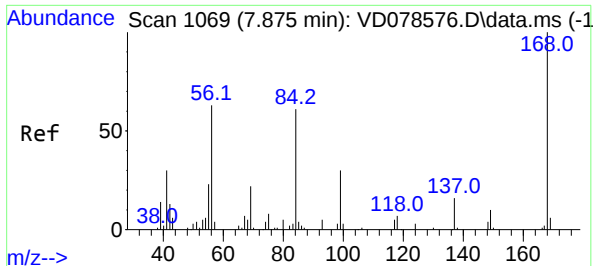
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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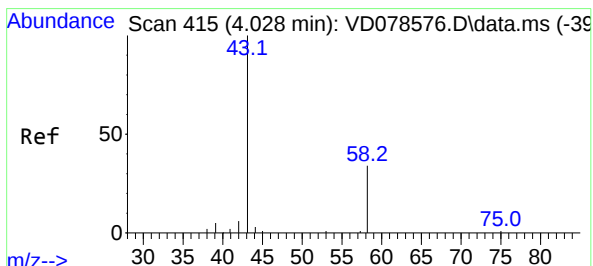
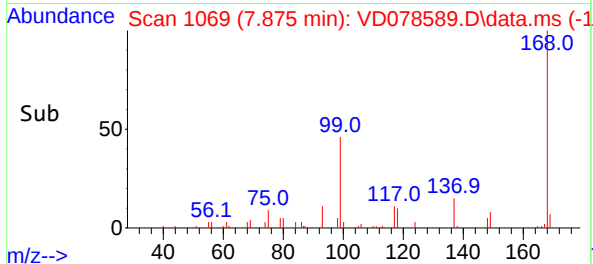
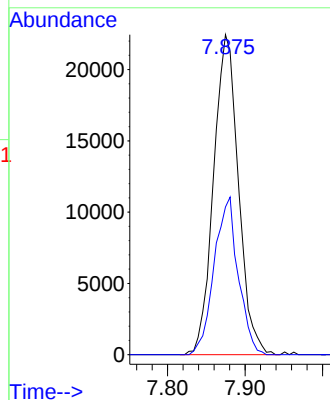
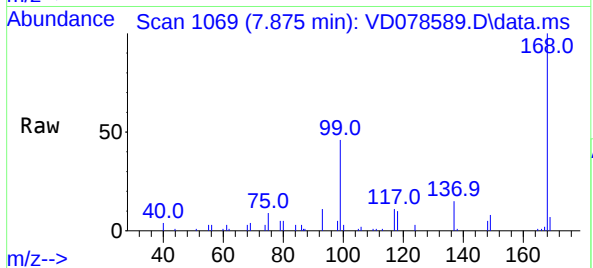




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD078589.D
Acq: 04 Mar 2024 16:12

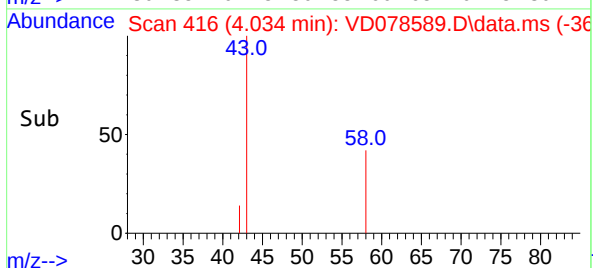
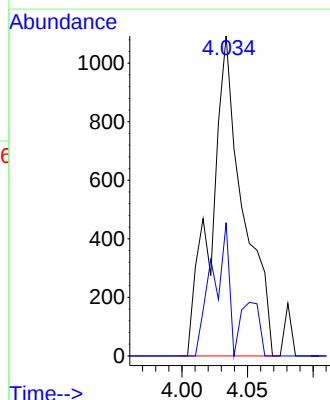
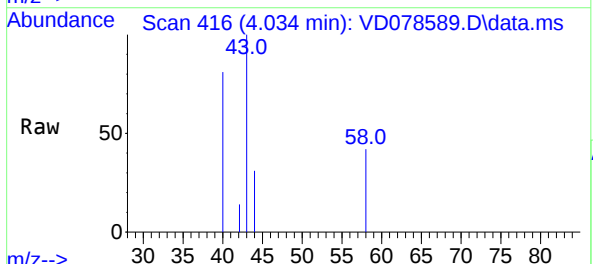
Instrument :
MSVOA_D
ClientSampleId :
TP-3-VOC

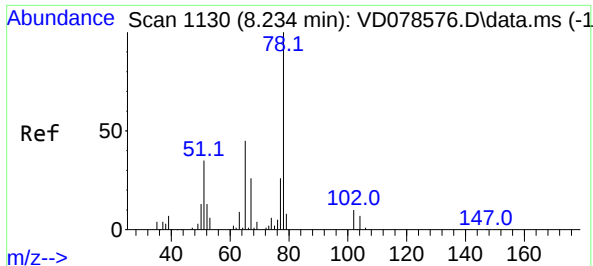
Tgt Ion:168 Resp: 50098
Ion Ratio Lower Upper
168 100
99 46.2 36.7 55.1



#16
Acetone
Concen: 19.234 ug/l
RT: 4.034 min Scan# 416
Delta R.T. 0.006 min
Lab File: VD078589.D
Acq: 04 Mar 2024 16:12

Tgt Ion: 43 Resp: 1830
Ion Ratio Lower Upper
43 100
58 41.6 34.7 52.1

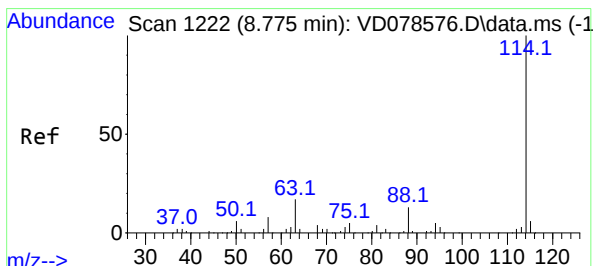
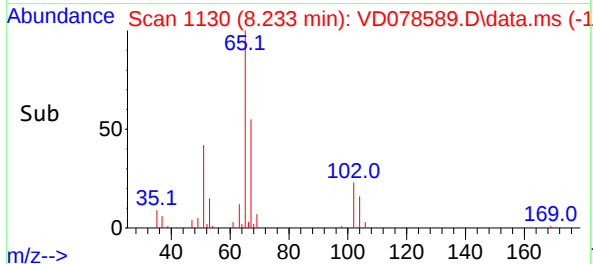
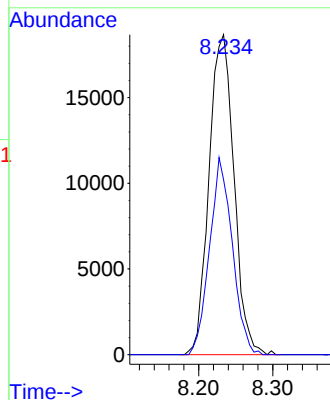
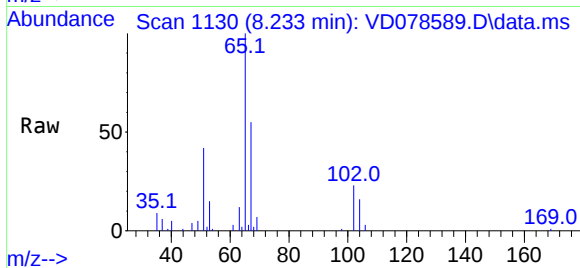




#33
1,2-Dichloroethane-d4
Concen: 88.066 ug/l
RT: 8.233 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VD078589.D
Acq: 04 Mar 2024 16:12

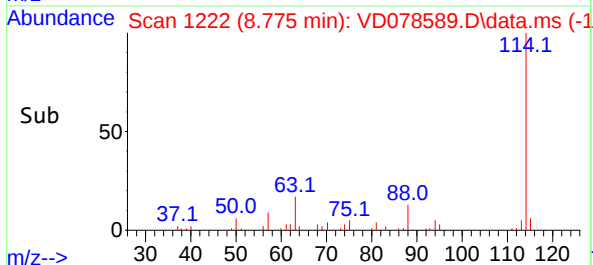
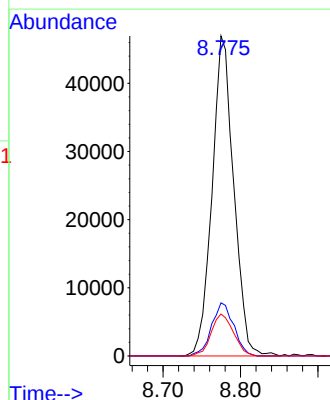
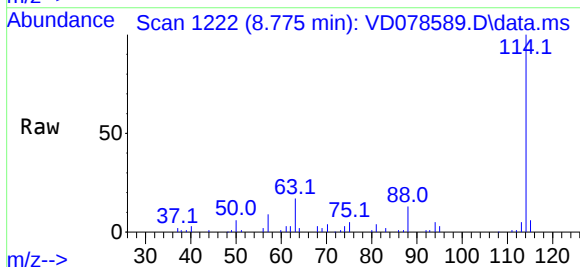
Instrument :
MSVOA_D
ClientSampleId :
TP-3-VOC

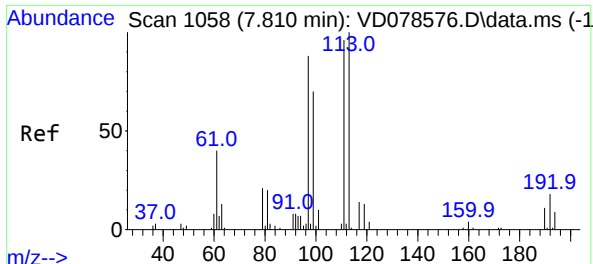
Tgt Ion: 65 Resp: 43735
Ion Ratio Lower Upper
65 100
67 56.2 0.0 115.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VD078589.D
Acq: 04 Mar 2024 16:12

Tgt Ion: 114 Resp: 91238
Ion Ratio Lower Upper
114 100
63 16.6 0.0 33.4
88 13.1 0.0 26.2

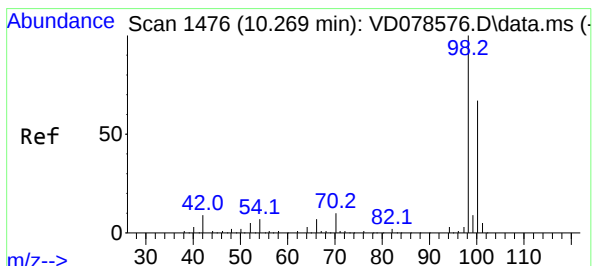
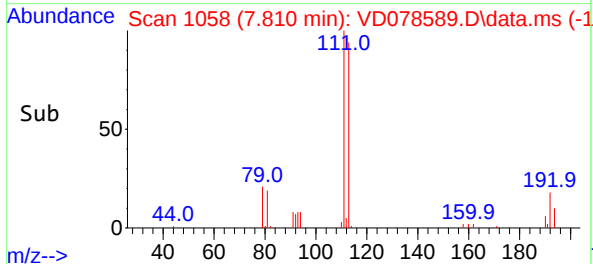
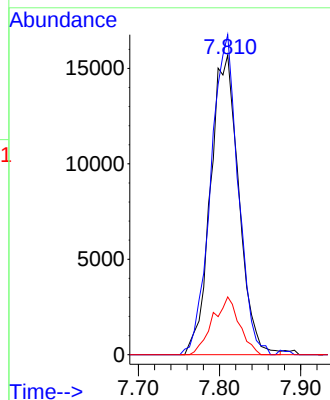
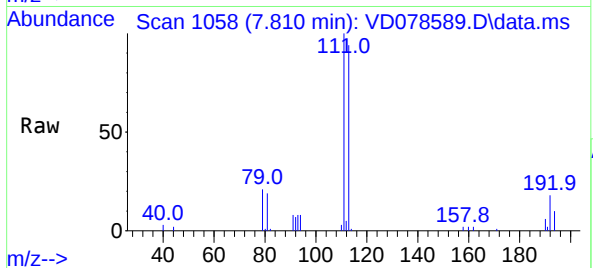




#35
Dibromofluoromethane
Concen: 64.059 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VD078589.D
Acq: 04 Mar 2024 16:12

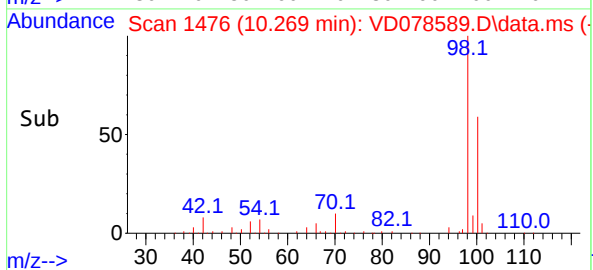
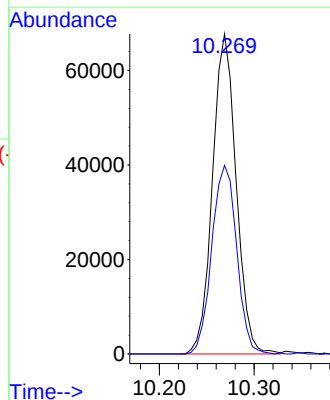
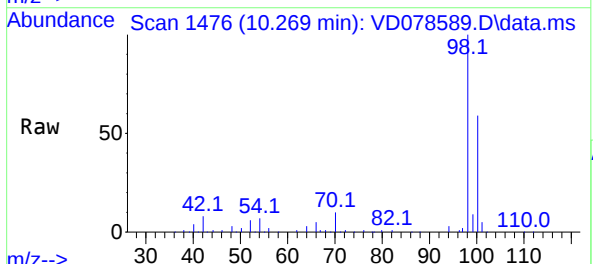
Instrument :
MSVOA_D
ClientSampleId :
TP-3-VOC

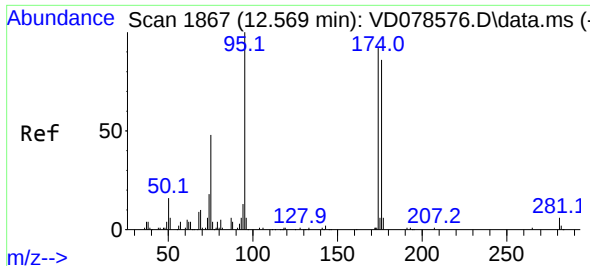
Tgt Ion:113 Resp: 38019
Ion Ratio Lower Upper
113 100
111 103.2 84.7 127.1
192 18.2 16.8 25.2



#50
Toluene-d8
Concen: 51.004 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD078589.D
Acq: 04 Mar 2024 16:12

Tgt Ion: 98 Resp: 117626
Ion Ratio Lower Upper
98 100
100 62.0 50.3 75.5

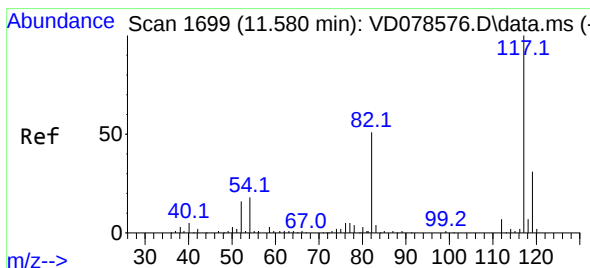
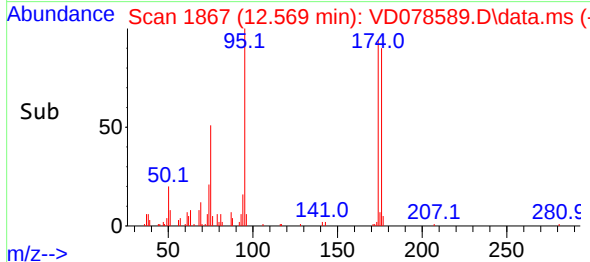
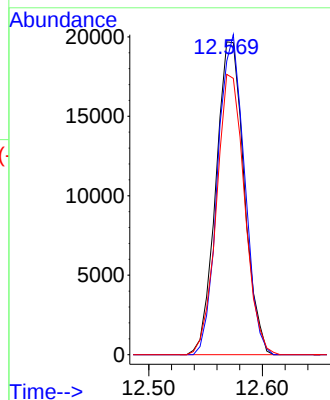
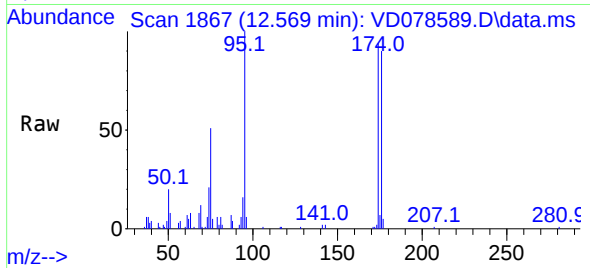




#62
4-Bromofluorobenzene
Concen: 51.679 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD078589.D
Acq: 04 Mar 2024 16:12

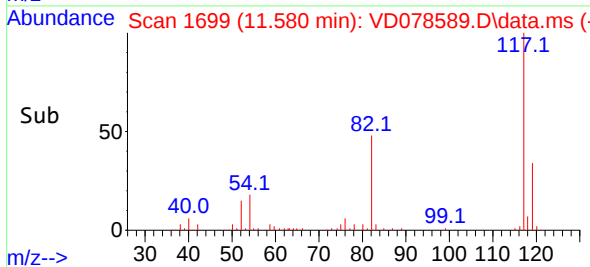
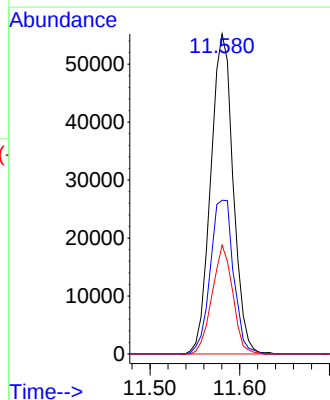
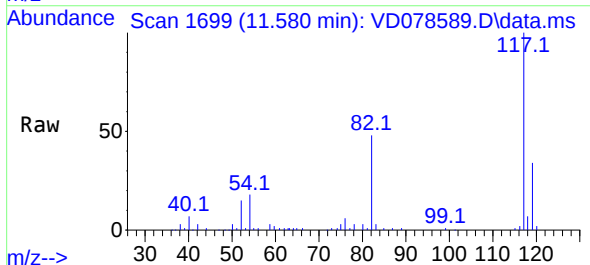
Instrument :
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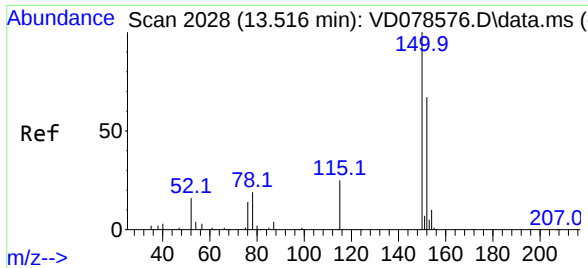
Tgt Ion: 95 Resp: 34041
Ion Ratio Lower Upper
95 100
174 96.5 0.0 201.8
176 88.9 0.0 191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.580 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD078589.D
Acq: 04 Mar 2024 16:12

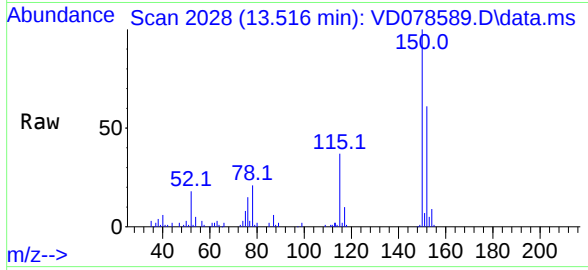
Tgt Ion: 117 Resp: 95857
Ion Ratio Lower Upper
117 100
82 48.1 38.3 57.5
119 34.0 25.0 37.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VD078589.D
 Acq: 04 Mar 2024 16:12

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-3-VOC



Tgt Ion:152 Resp: 41916

Ion	Ratio	Lower	Upper
152	100		
115	58.2	27.1	81.3
150	161.5	0.0	353.6

