

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030424\
 Data File : VD078590.D
 Acq On : 04 Mar 2024 16:40
 Operator : RP/MD
 Sample : P1672-11
 Misc : 4.33G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-5-VOC

Quant Time: Mar 05 04:15:35 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	130943	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	261039	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	200665	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	61005	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	84123	64.809	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	129.620%
35) Dibromofluoromethane	7.804	113	90562	53.333	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.660%
50) Toluene-d8	10.269	98	276168	41.855	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	83.700%
62) 4-Bromofluorobenzene	12.575	95	62179	32.994	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	65.980%

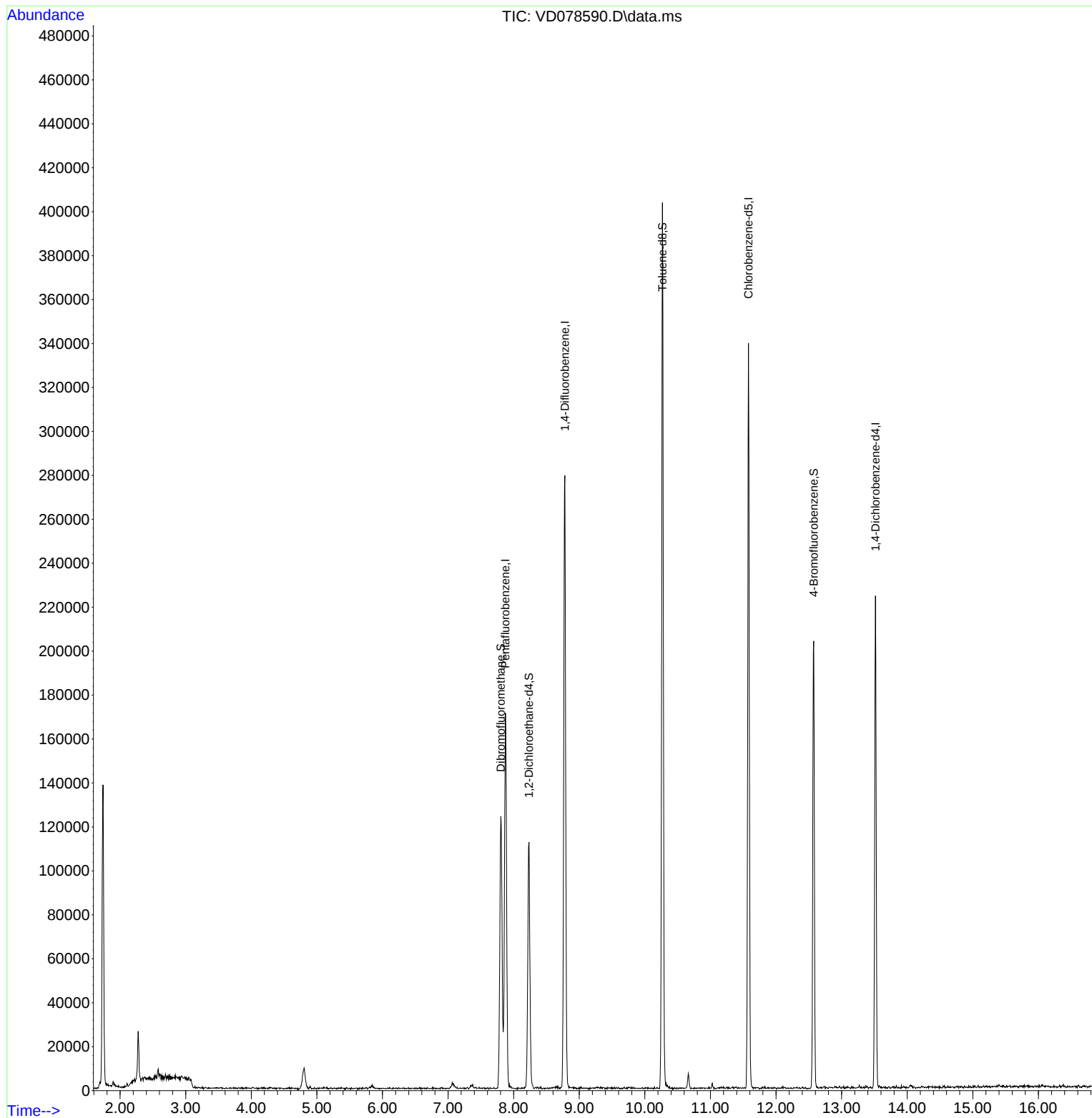
Target Compounds	Qvalue

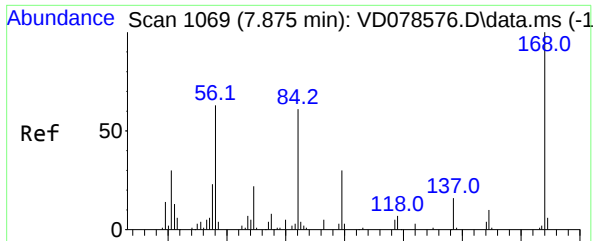
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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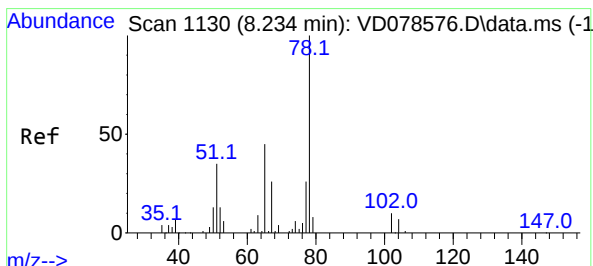
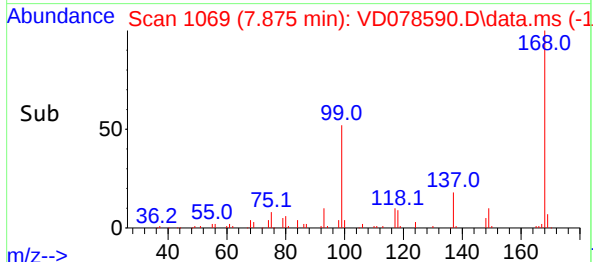
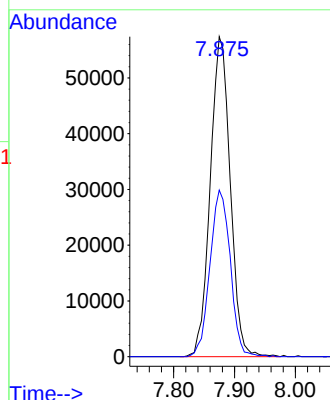
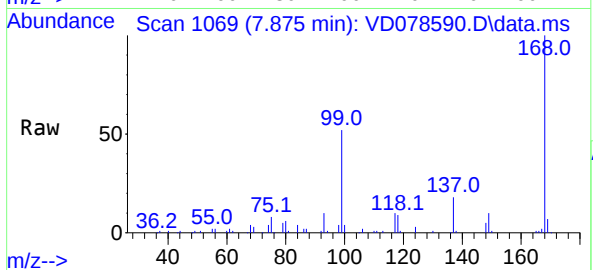




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD078590.D
Acq: 04 Mar 2024 16:40

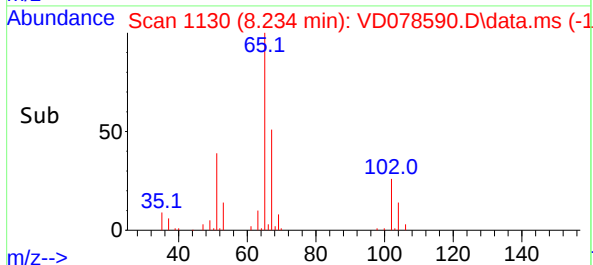
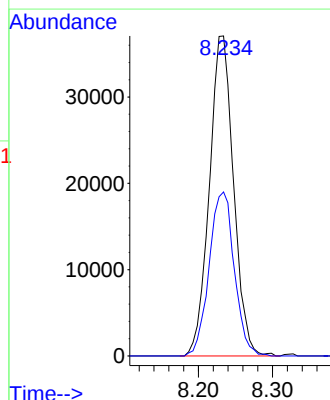
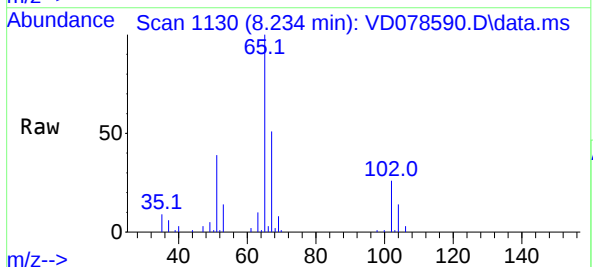
Instrument :
MSVOA_D
ClientSampleId :
TP-5-VOC

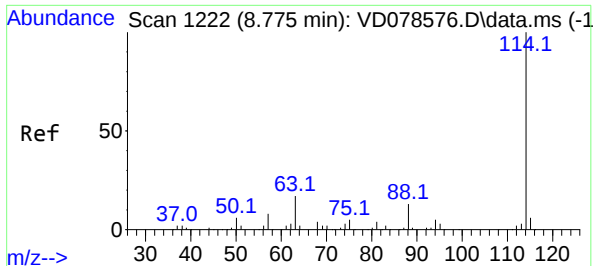
Tgt Ion:168 Resp: 130943
Ion Ratio Lower Upper
168 100
99 52.1 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 64.809 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VD078590.D
Acq: 04 Mar 2024 16:40

Tgt Ion: 65 Resp: 84123
Ion Ratio Lower Upper
65 100
67 53.2 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD078590.D

Acq: 04 Mar 2024 16:40

Instrument :

MSVOA_D

ClientSampleId :

TP-5-VOC

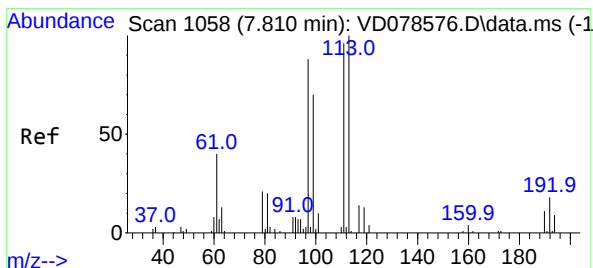
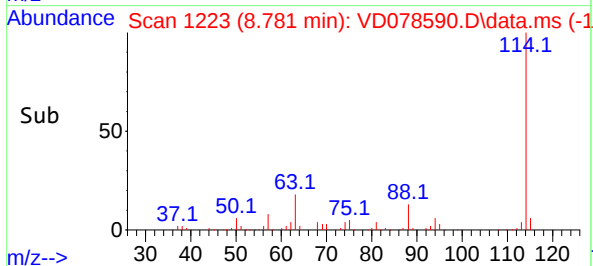
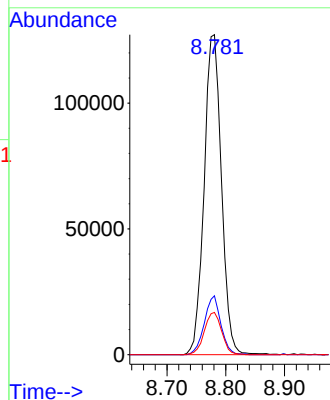
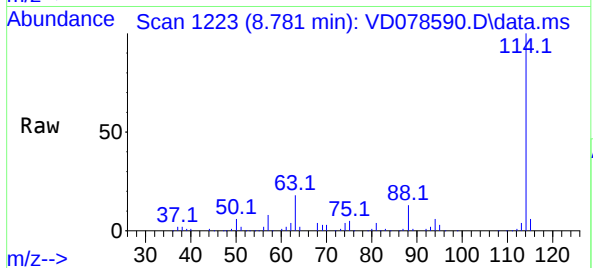
Tgt Ion:114 Resp: 261039

Ion Ratio Lower Upper

114 100

63 18.4 0.0 33.4

88 13.2 0.0 26.2



#35

Dibromofluoromethane

Concen: 53.333 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VD078590.D

Acq: 04 Mar 2024 16:40

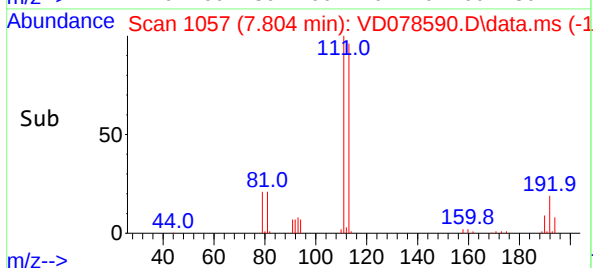
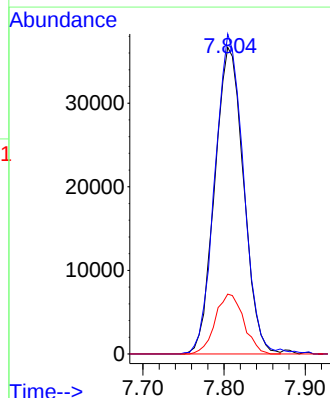
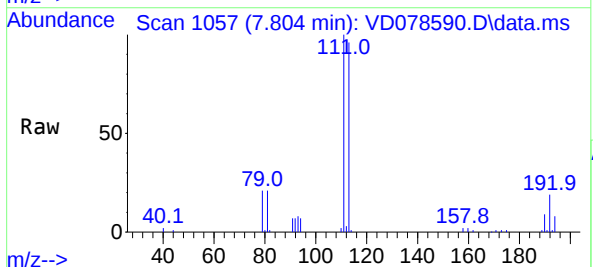
Tgt Ion:113 Resp: 90562

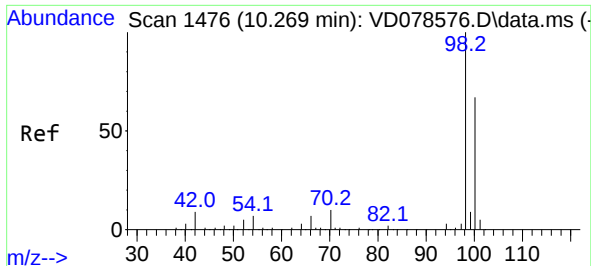
Ion Ratio Lower Upper

113 100

111 103.4 84.7 127.1

192 19.2 16.8 25.2

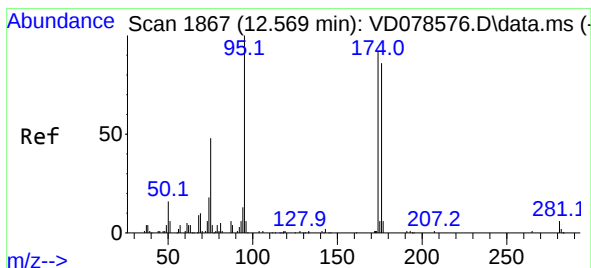
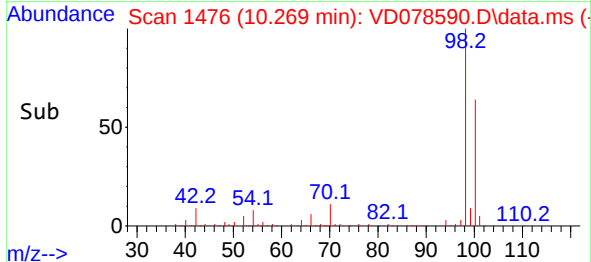
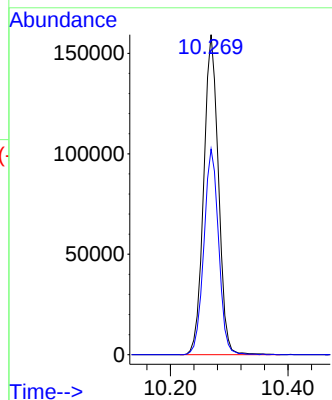
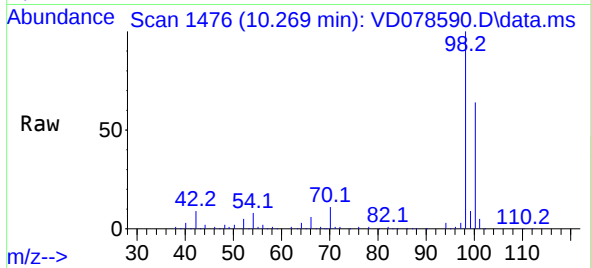




#50
Toluene-d8
Concen: 41.855 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078590.D
Acq: 04 Mar 2024 16:40

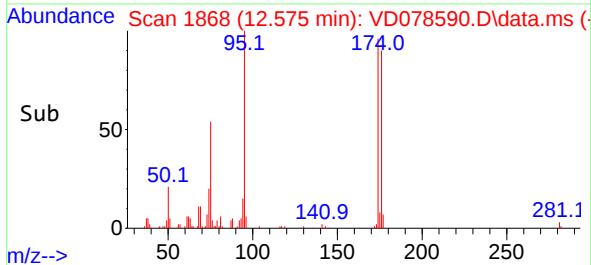
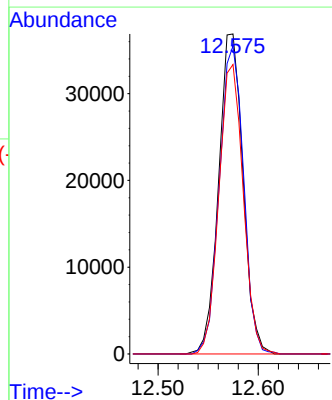
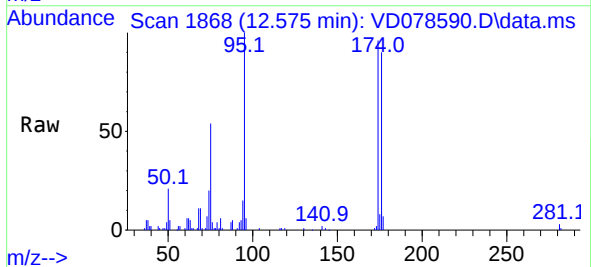
Instrument :
MSVOA_D
ClientSampleId :
TP-5-VOC

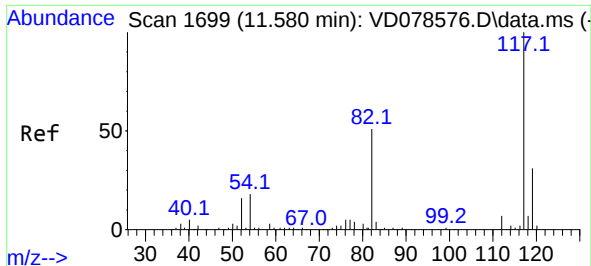
Tgt Ion: 98 Resp: 276168
Ion Ratio Lower Upper
98 100
100 64.3 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 32.994 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD078590.D
Acq: 04 Mar 2024 16:40

Tgt Ion: 95 Resp: 62179
Ion Ratio Lower Upper
95 100
174 95.4 0.0 201.8
176 90.1 0.0 191.8

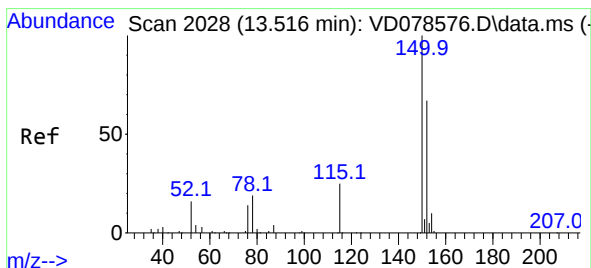
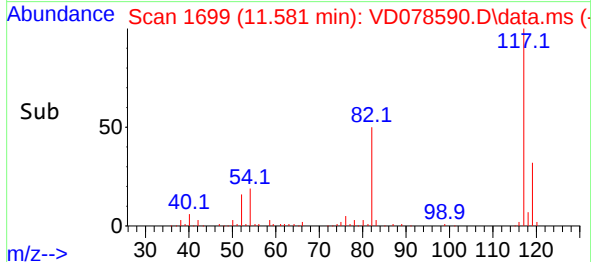
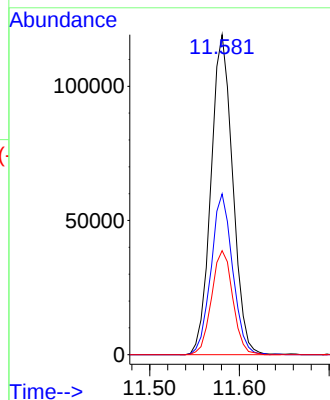
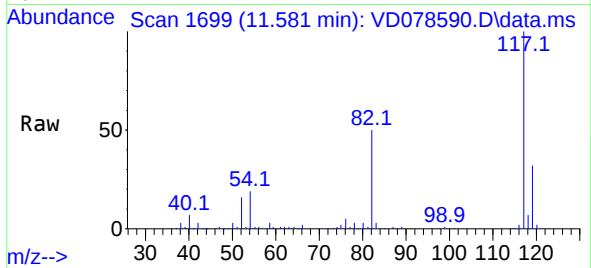




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD078590.D
Acq: 04 Mar 2024 16:40

Instrument :
MSVOA_D
ClientSampleId :
TP-5-VOC

Tgt Ion:117 Resp: 200665
Ion Ratio Lower Upper
117 100
82 50.3 38.3 57.5
119 32.5 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: VD078590.D
Acq: 04 Mar 2024 16:40

Tgt Ion:152 Resp: 61005
Ion Ratio Lower Upper
152 100
115 54.2 27.1 81.3
150 155.4 0.0 353.6

