

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020924\
 Data File : VD078393.D
 Acq On : 09 Feb 2024 18:52
 Operator : RP/MD
 Sample : P1453-07
 Misc : 5.02G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-2-VOC

Quant Time: Feb 09 23:03:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D013024S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 01 03:58:19 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	90817	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	206150	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	238758	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	106608	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	60020	53.386	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.780%	
35) Dibromofluoromethane	7.805	113	71011	48.385	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 96.760%	
50) Toluene-d8	10.269	98	283080	50.945	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.900%	
62) 4-Bromofluorobenzene	12.575	95	97415	58.542	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 117.080%	

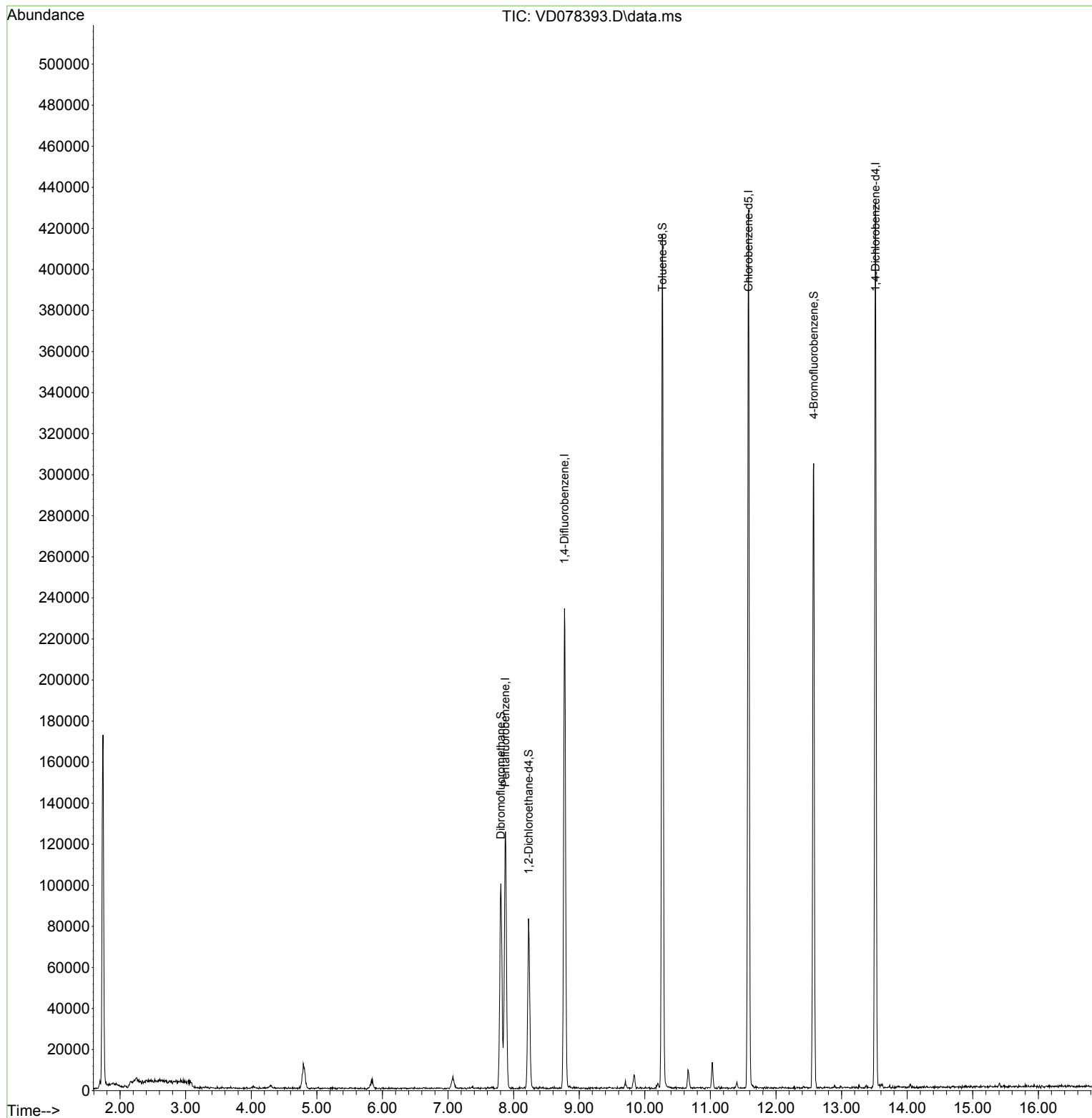
Target Compounds	Qvalue

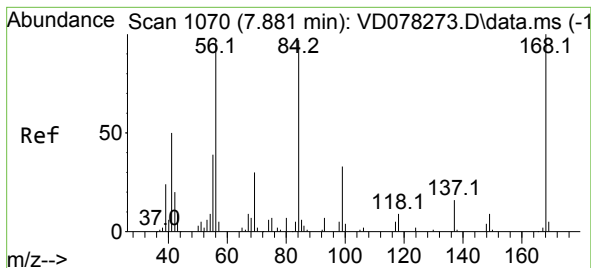
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020924\
Data File : VD078393.D
Acq On : 09 Feb 2024 18:52
Operator : RP/MD
Sample : P1453-07
Misc : 5.02G/5ml/MSVOA_D/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TP-2-VOC

Quant Time: Feb 09 23:03:54 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D013024S.M
Quant Title : SW846 8260
QLast Update : Thu Feb 01 03:58:19 2024
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD078393.D

Acq: 09 Feb 2024 18:52

Instrument :

MSVOA_D

ClientSampleId :

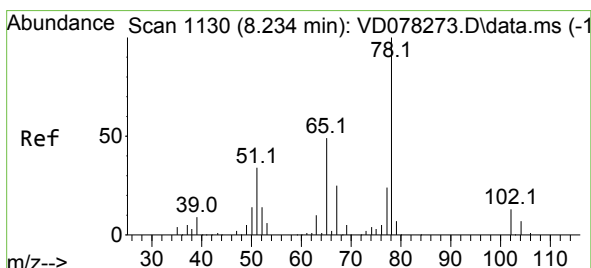
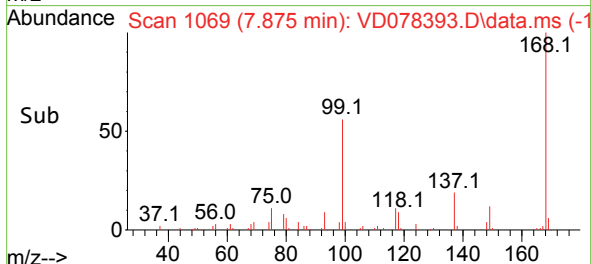
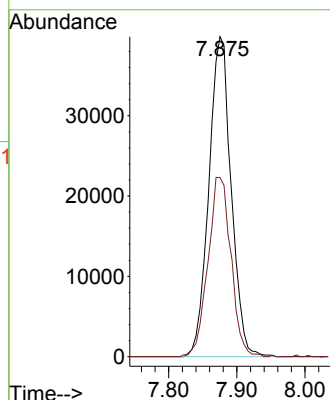
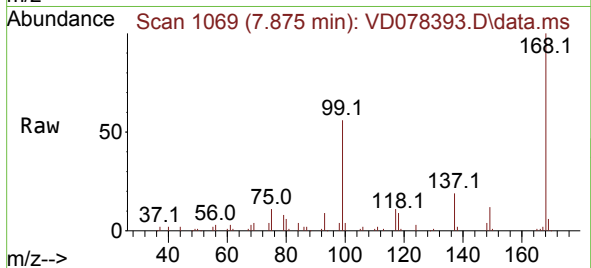
TP-2-VOC

Tgt Ion:168 Resp: 90817

Ion Ratio Lower Upper

168 100

99 56.0 36.7 55.1#



#33

1,2-Dichloroethane-d4

Concen: 53.386 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD078393.D

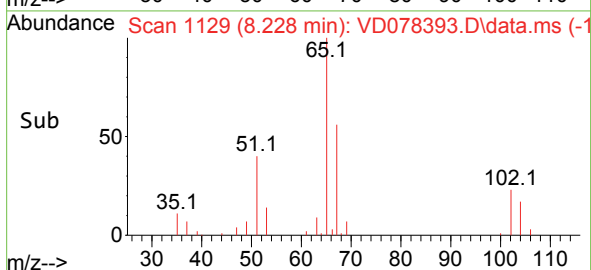
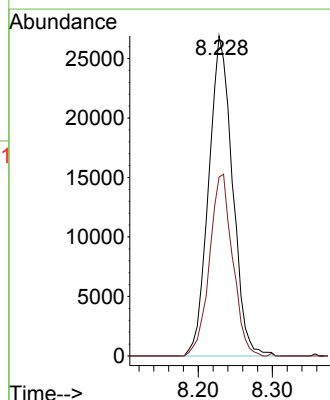
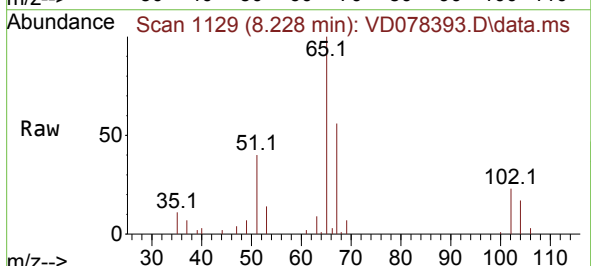
Acq: 09 Feb 2024 18:52

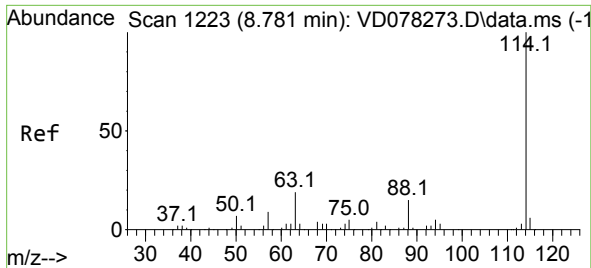
Tgt Ion: 65 Resp: 60020

Ion Ratio Lower Upper

65 100

67 55.1 0.0 115.0

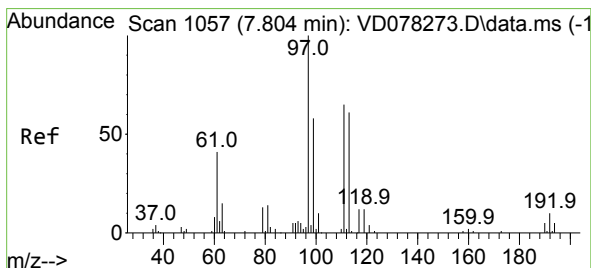
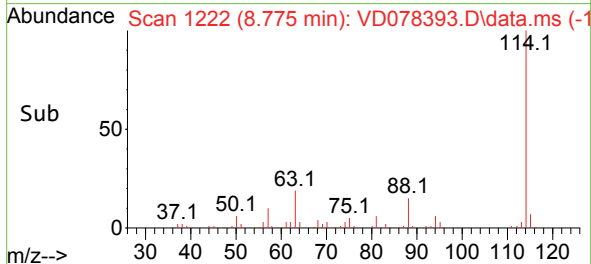
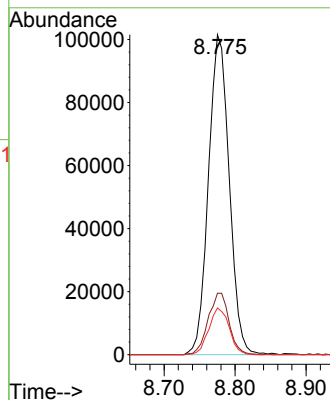
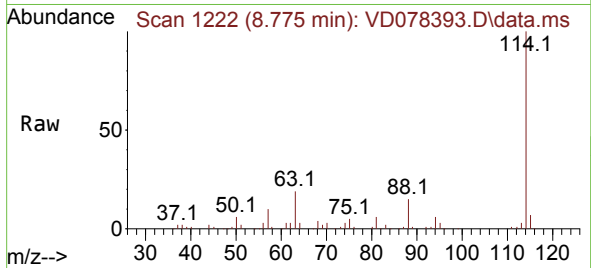




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD078393.D
Acq: 09 Feb 2024 18:52

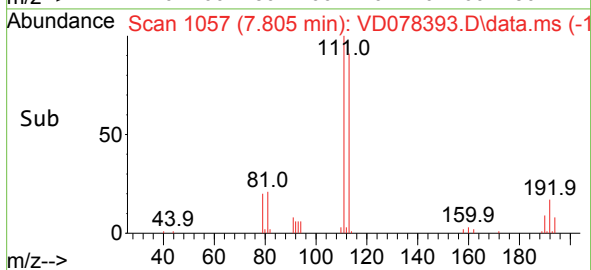
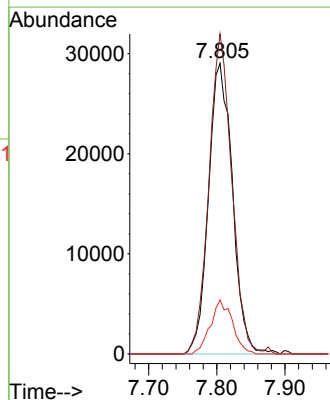
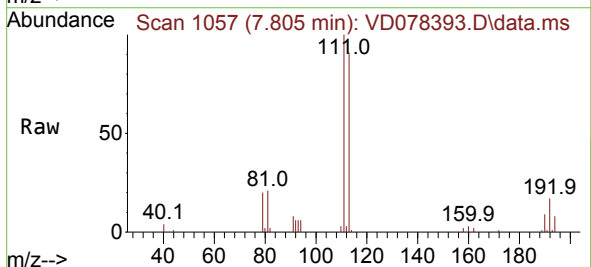
Instrument :
MSVOA_D
ClientSampleId :
TP-2-VOC

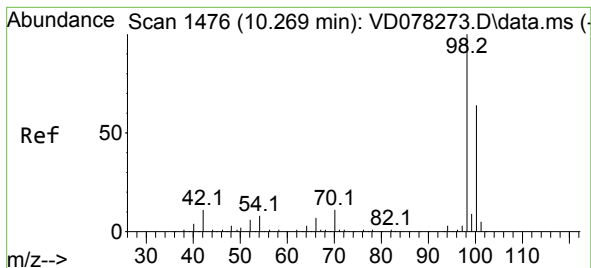
Tgt Ion:114 Resp: 206150
Ion Ratio Lower Upper
114 100
63 19.2 0.0 33.4
88 14.6 0.0 26.2



#35
Dibromofluoromethane
Concen: 48.385 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD078393.D
Acq: 09 Feb 2024 18:52

Tgt Ion:113 Resp: 71011
Ion Ratio Lower Upper
113 100
111 105.0 84.7 127.1
192 17.1 16.8 25.2





#50

Toluene-d8

Concen: 50.945 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD078393.D

Acq: 09 Feb 2024 18:52

Instrument :

MSVOA_D

ClientSampleId :

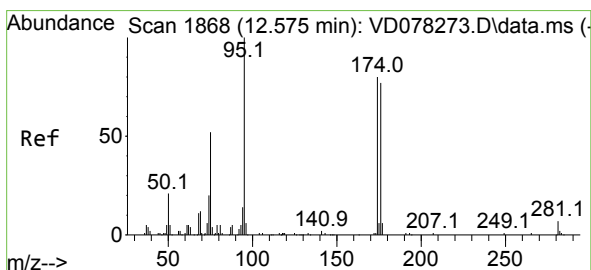
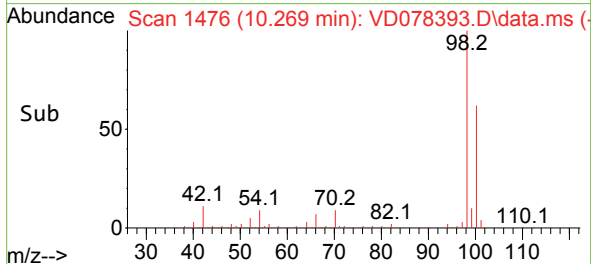
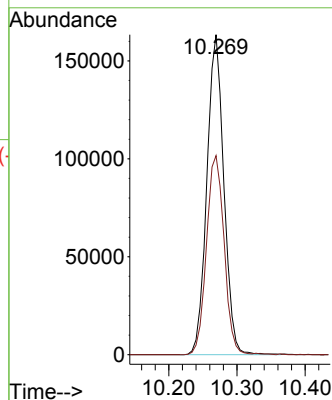
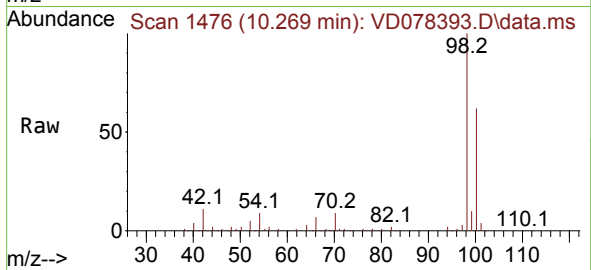
TP-2-VOC

Tgt Ion: 98 Resp: 283080

Ion Ratio Lower Upper

98 100

100 64.4 50.3 75.5



#62

4-Bromofluorobenzene

Concen: 58.542 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. 0.000 min

Lab File: VD078393.D

Acq: 09 Feb 2024 18:52

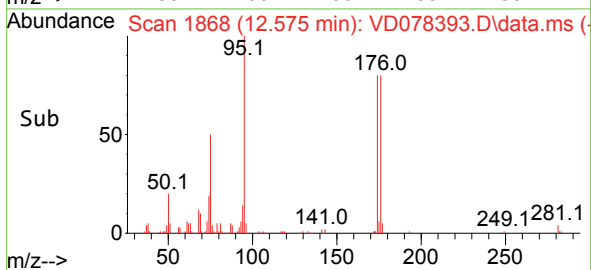
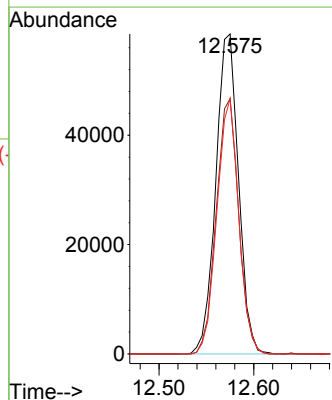
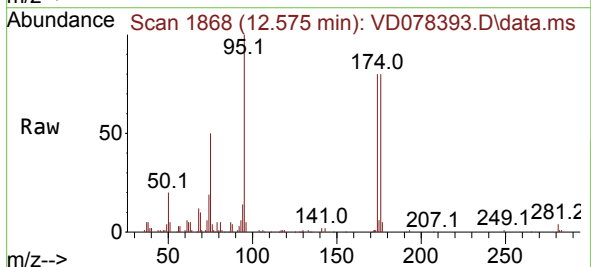
Tgt Ion: 95 Resp: 97415

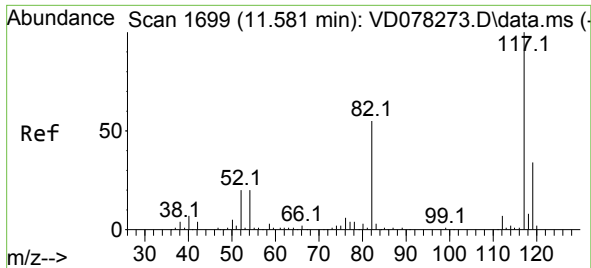
Ion Ratio Lower Upper

95 100

174 78.7 0.0 201.8

176 76.7 0.0 191.8

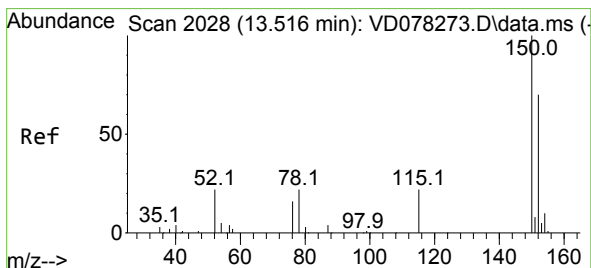
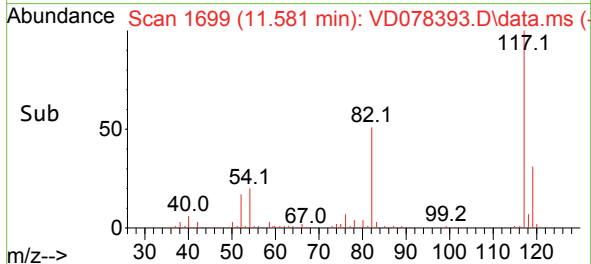
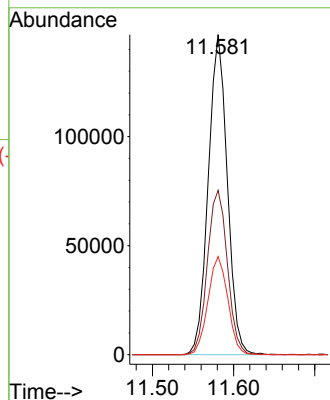
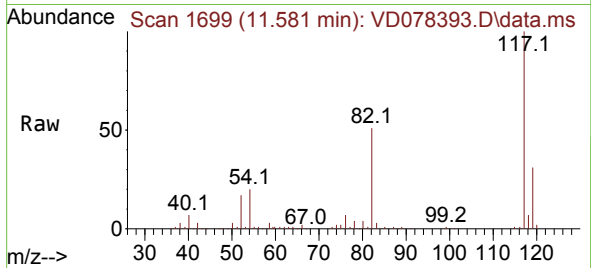




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD078393.D
Acq: 09 Feb 2024 18:52

Instrument :
MSVOA_D
ClientSampleId :
TP-2-VOC

Tgt Ion:117 Resp: 238758
Ion Ratio Lower Upper
117 100
82 51.4 38.3 57.5
119 30.7 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: VD078393.D
Acq: 09 Feb 2024 18:52

Tgt Ion:152 Resp: 106608
Ion Ratio Lower Upper
152 100
115 59.8 27.1 81.3
150 159.9 0.0 353.6

