

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102023\
 Data File : VD077371.D
 Acq On : 20 Oct 2023 18:13
 Operator : JC/SY
 Sample : 04980-01
 Misc : 2.73G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EXHAUST-VENT

Quant Time: Oct 21 05:31:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 18 03:02:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	100074	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	187057	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	140804	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	33259	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	50713	56.751	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.500%
35) Dibromofluoromethane	7.804	113	61540	46.828	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.660%
50) Toluene-d8	10.269	98	161453	34.305	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	68.600%
62) 4-Bromofluorobenzene	12.575	95	28862	21.304	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	42.600%

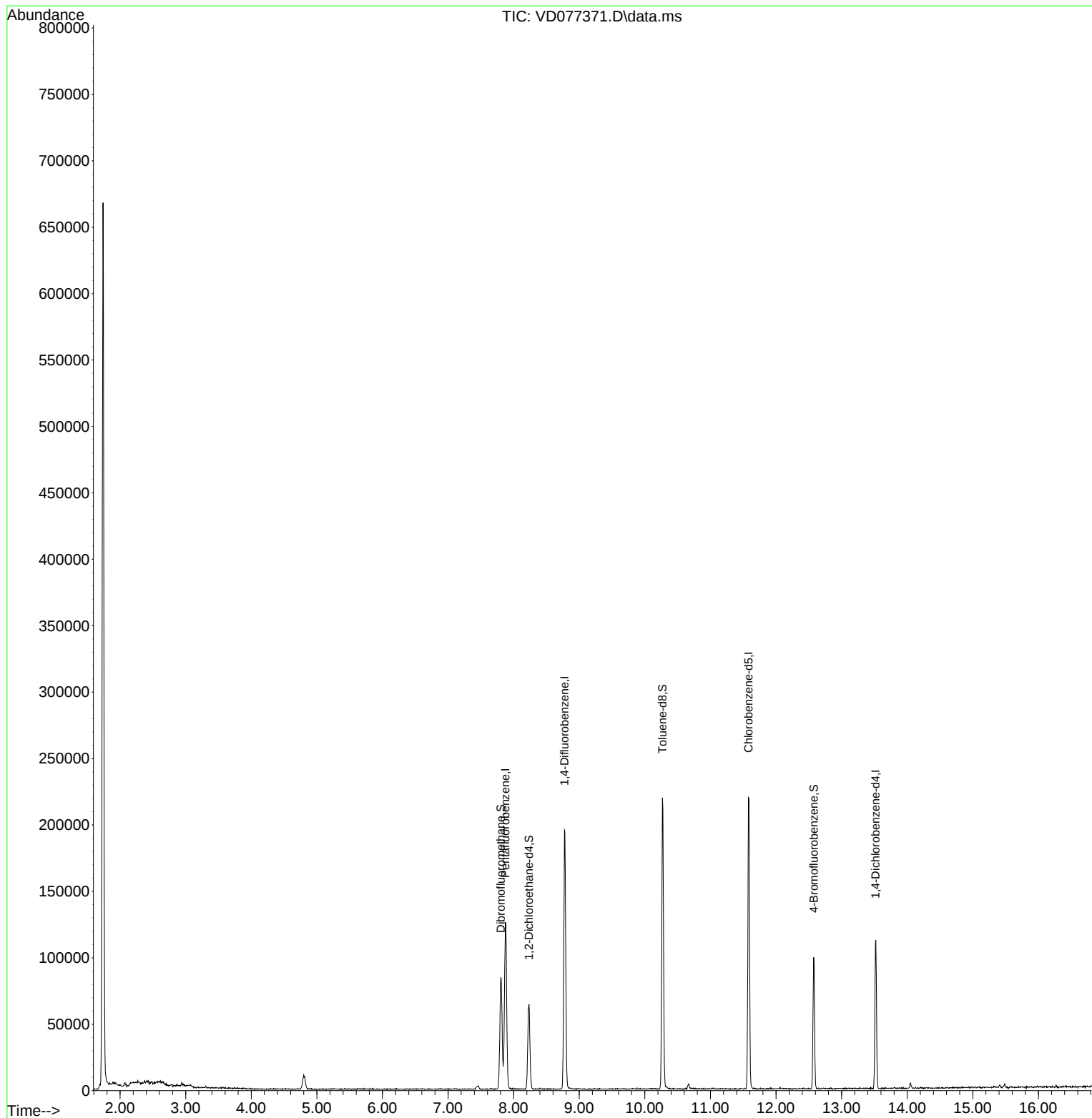
Target Compounds	Qvalue

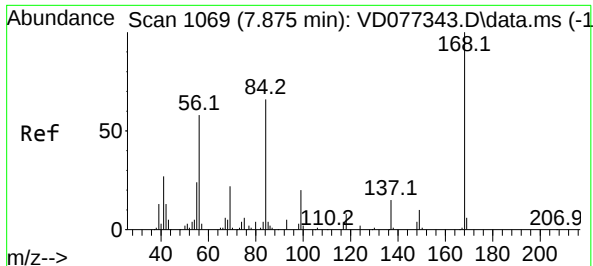
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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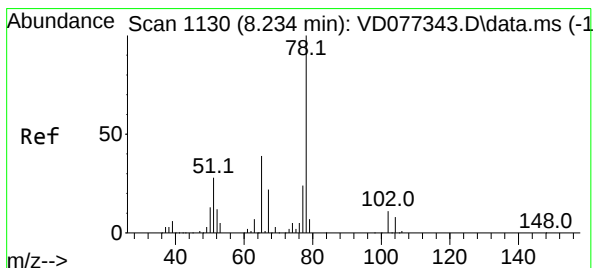
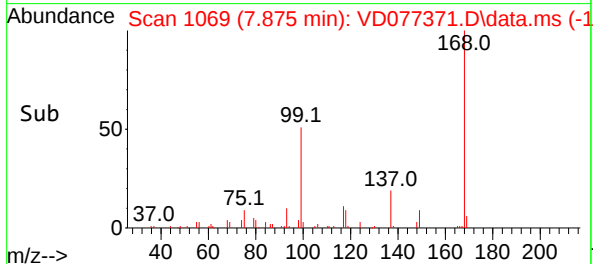
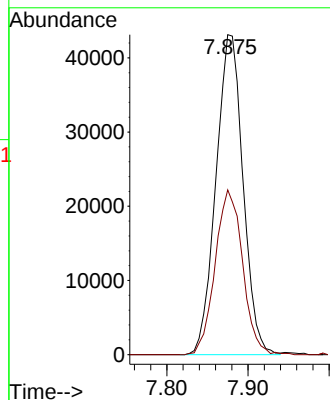
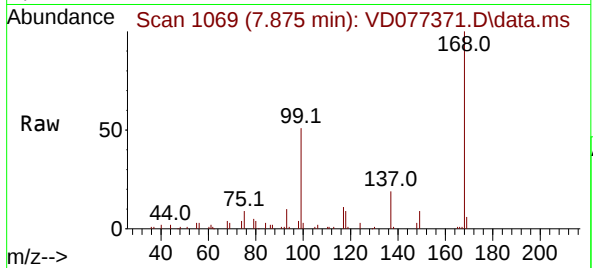




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD077371.D
Acq: 20 Oct 2023 18:13

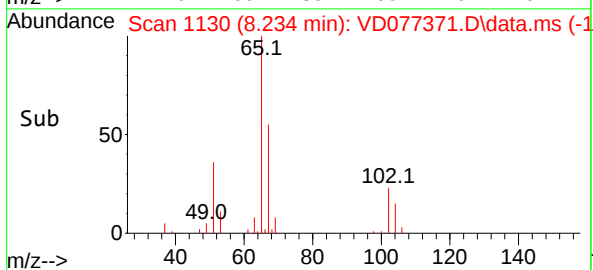
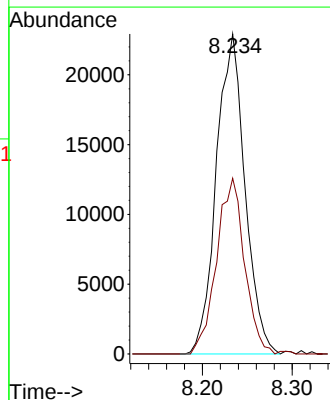
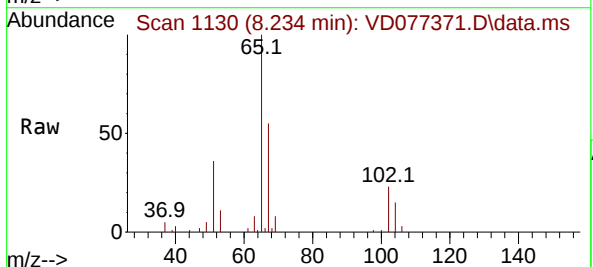
Instrument :
MSVOA_D
ClientSampleId :
EXHAUST-VENT

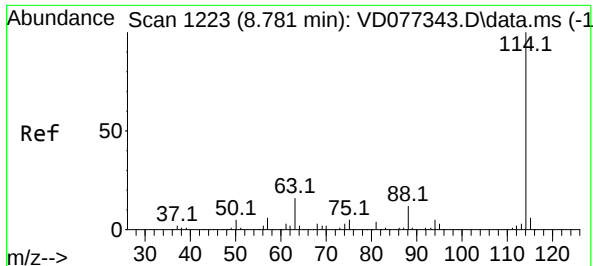
Tgt Ion:168 Resp: 100074
Ion Ratio Lower Upper
168 100
99 51.5 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 56.751 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VD077371.D
Acq: 20 Oct 2023 18:13

Tgt Ion: 65 Resp: 50713
Ion Ratio Lower Upper
65 100
67 53.6 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: VD077371.D

Acq: 20 Oct 2023 18:13

Instrument :

MSVOA_D

ClientSampleId :

EXHAUST-VENT

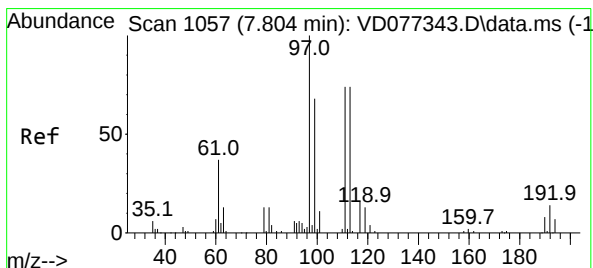
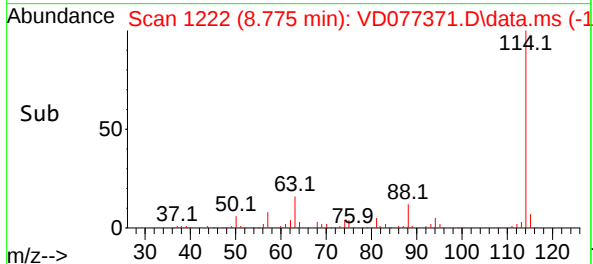
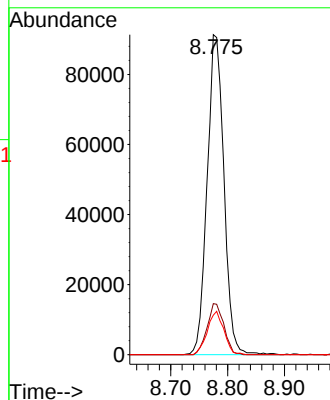
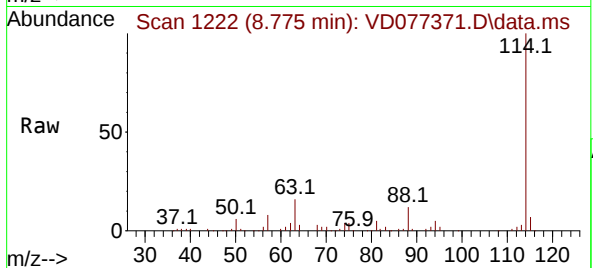
Tgt Ion:114 Resp: 187057

Ion Ratio Lower Upper

114 100

63 15.9 0.0 33.4

88 12.3 0.0 26.2



#35

Dibromofluoromethane

Concen: 46.828 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD077371.D

Acq: 20 Oct 2023 18:13

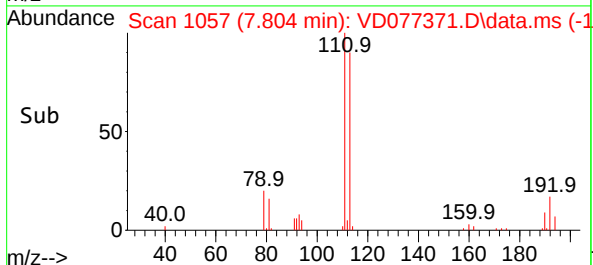
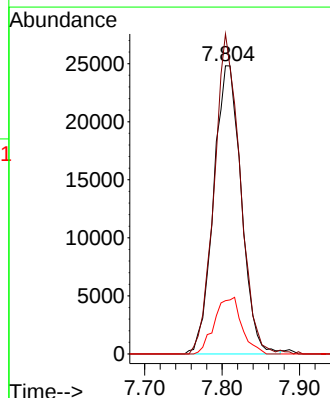
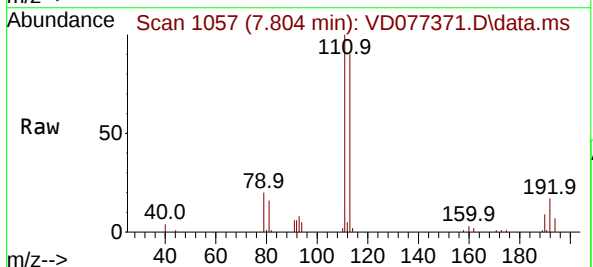
Tgt Ion:113 Resp: 61540

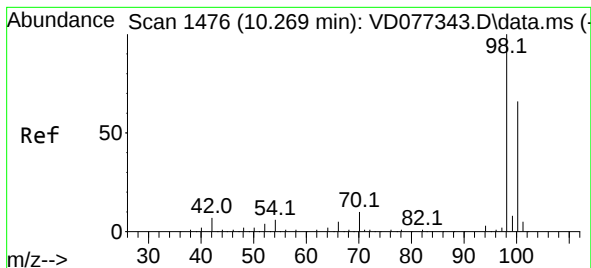
Ion Ratio Lower Upper

113 100

111 104.2 84.7 127.1

192 19.3 16.8 25.2

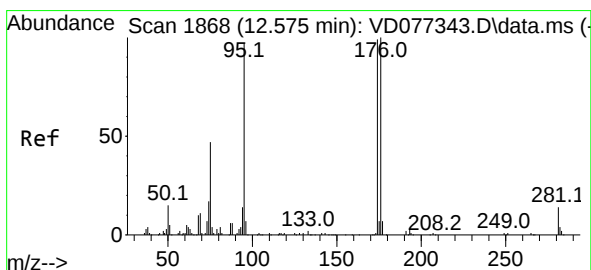
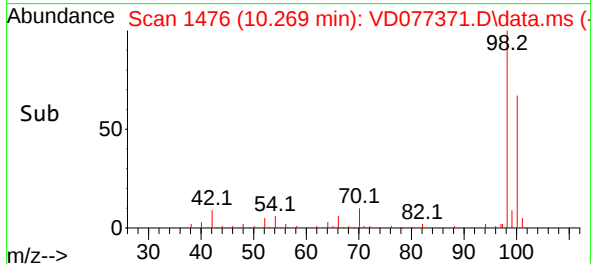
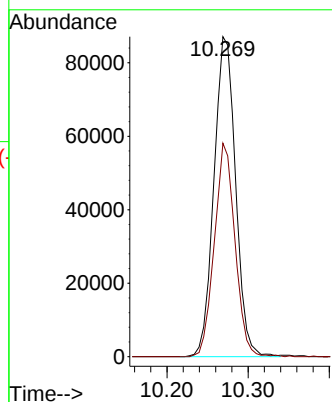
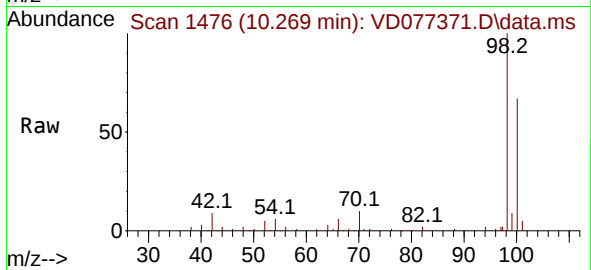




#50
Toluene-d8
Concen: 34.305 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD077371.D
Acq: 20 Oct 2023 18:13

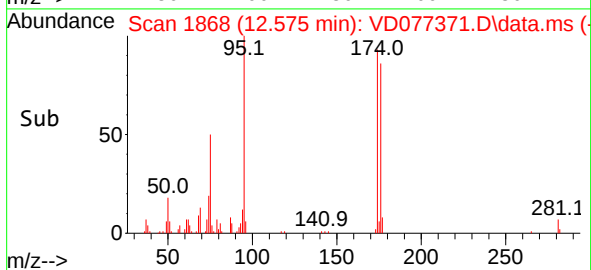
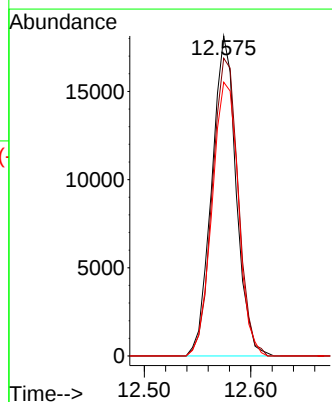
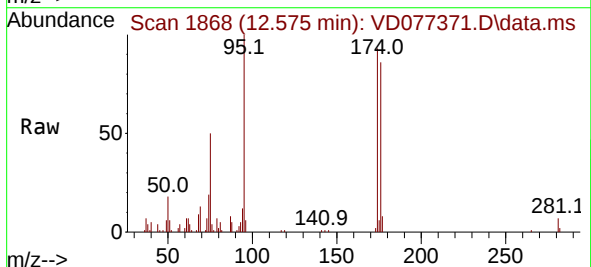
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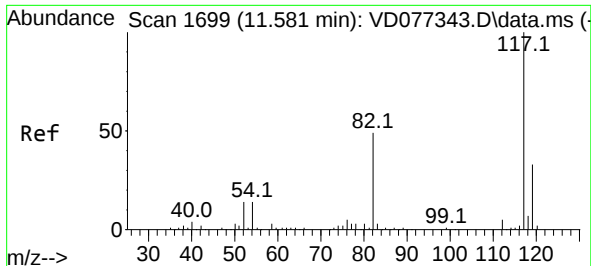
Tgt Ion: 98 Resp: 161453
Ion Ratio Lower Upper
98 100
100 63.7 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 21.304 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077371.D
Acq: 20 Oct 2023 18:13

Tgt Ion: 95 Resp: 28862
Ion Ratio Lower Upper
95 100
174 98.4 0.0 201.8
176 92.0 0.0 191.8

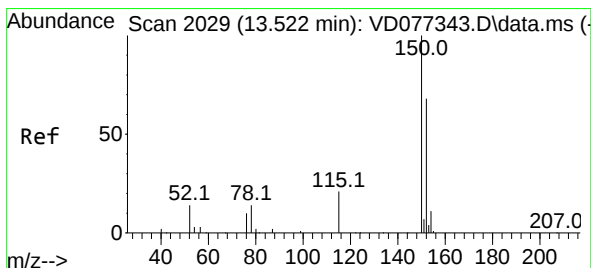
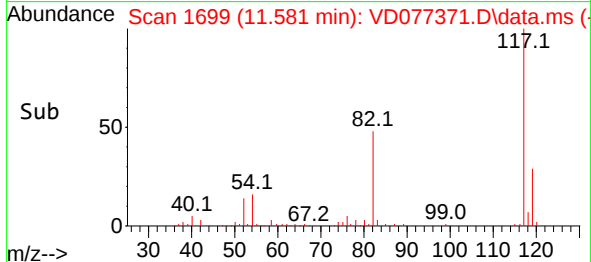
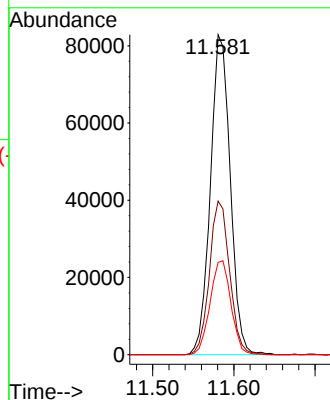
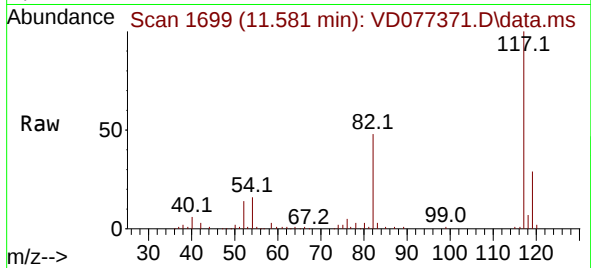




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD077371.D
Acq: 20 Oct 2023 18:13

Instrument :
MSVOA_D
ClientSampleId :
EXHAUST-VENT

Tgt Ion:117 Resp: 140804
Ion Ratio Lower Upper
117 100
82 48.0 38.3 57.5
119 28.9 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD077371.D
Acq: 20 Oct 2023 18:13

Tgt Ion:152 Resp: 33259
Ion Ratio Lower Upper
152 100
115 57.0 27.1 81.3
150 158.7 0.0 353.6

