

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102423\
 Data File : VD077392.D
 Acq On : 24 Oct 2023 14:07
 Operator : JC/SY
 Sample : 04980-01RE
 Misc : 3.66G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EXHAUST-VENTRE

Quant Time: Oct 25 04:04:40 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	106582	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	196496	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	136674	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	32986	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	57515	60.433	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	120.860%
35) Dibromofluoromethane	7.805	113	70148	50.815	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.620%
50) Toluene-d8	10.269	98	164459	33.265	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	66.540%
62) 4-Bromofluorobenzene	12.569	95	31720	22.289	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	44.580%

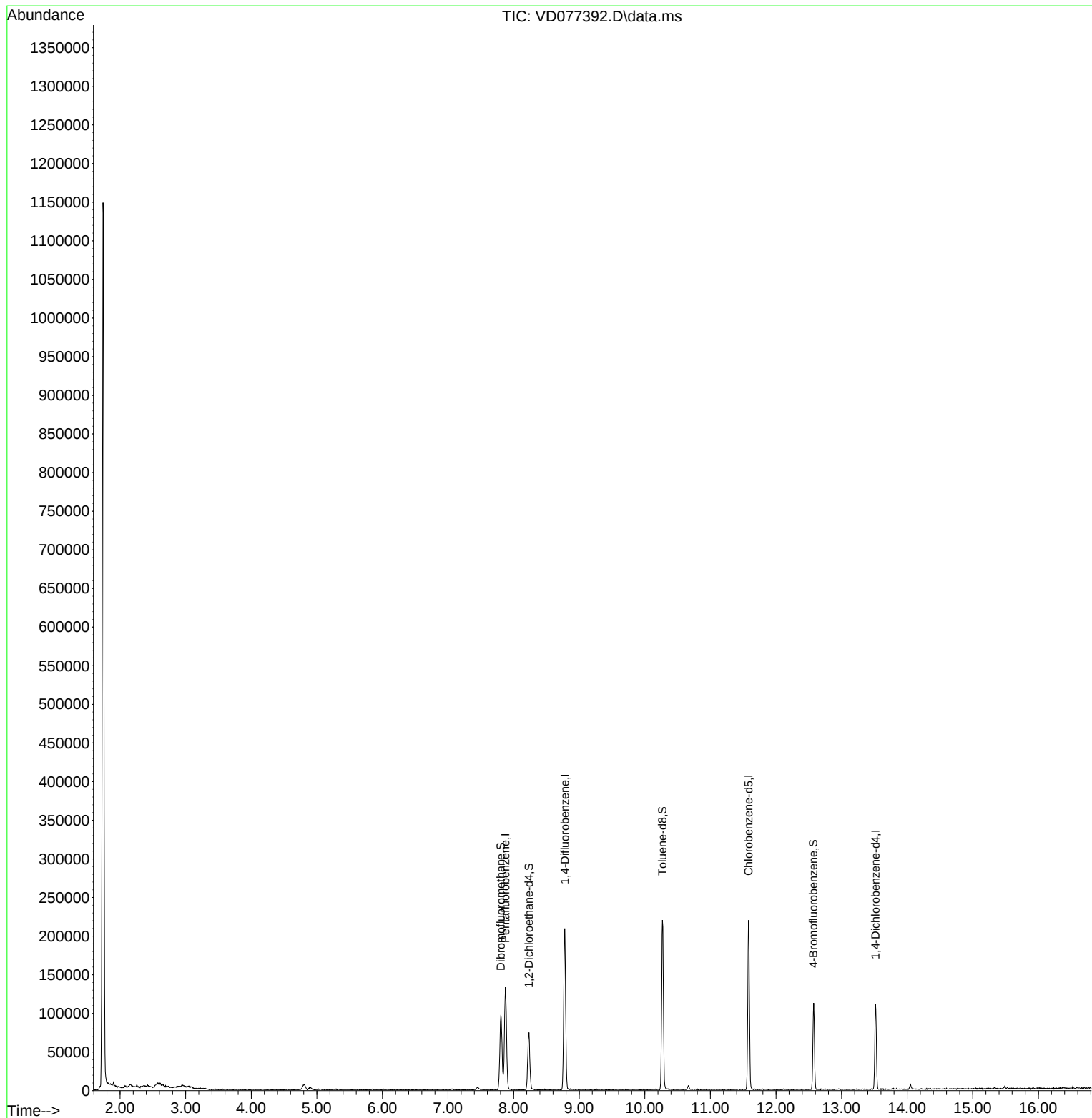
Target Compounds	Qvalue

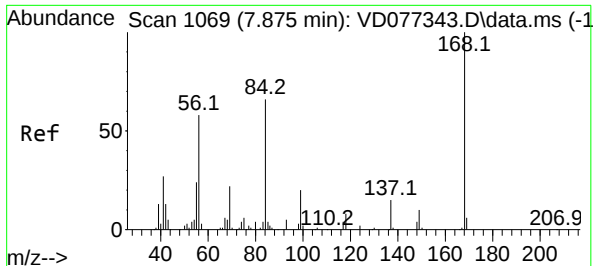
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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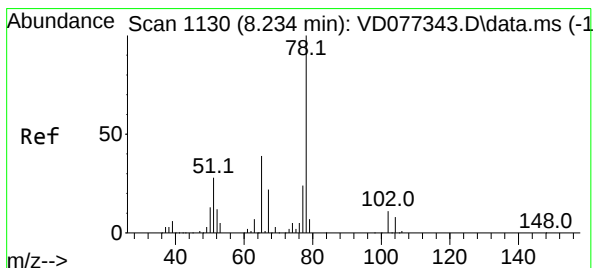
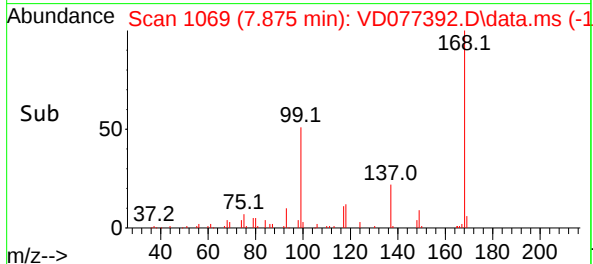
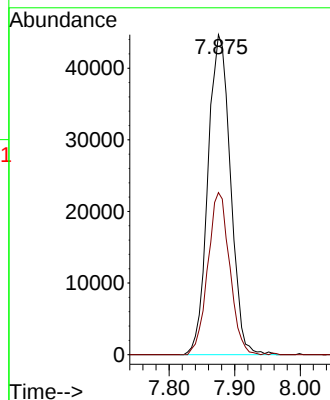
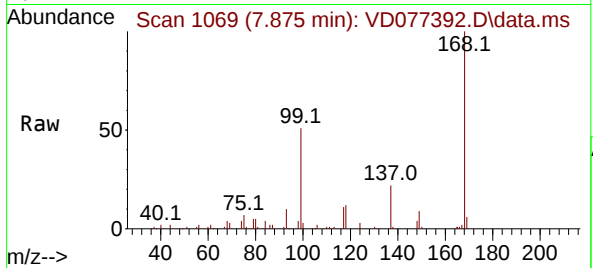




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD077392.D
Acq: 24 Oct 2023 14:07

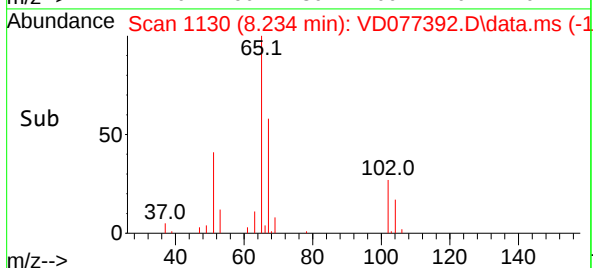
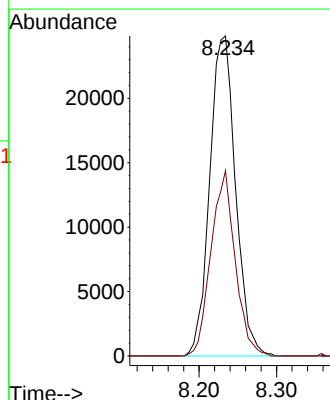
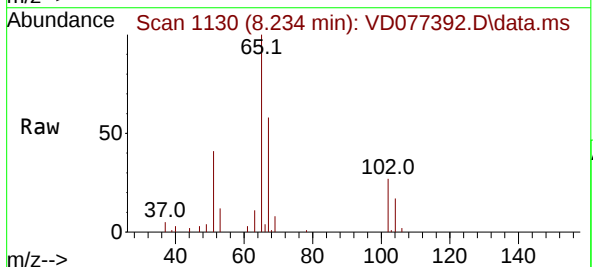
Instrument :
MSVOA_D
ClientSampleId :
EXHAUST-VENTRE

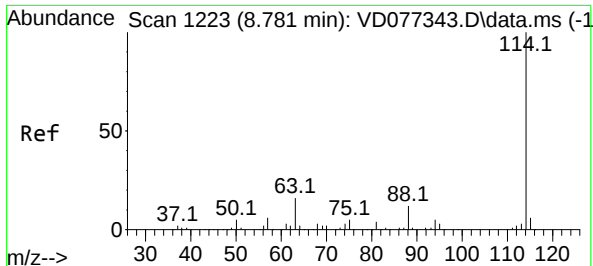
Tgt Ion:168 Resp: 106582
Ion Ratio Lower Upper
168 100
99 50.7 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 60.433 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VD077392.D
Acq: 24 Oct 2023 14:07

Tgt Ion: 65 Resp: 57515
Ion Ratio Lower Upper
65 100
67 54.2 0.0 115.0

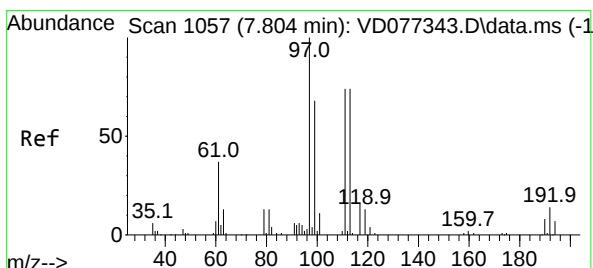
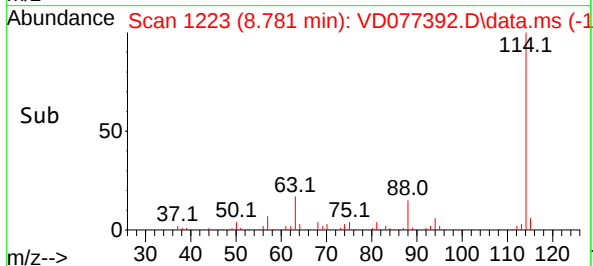
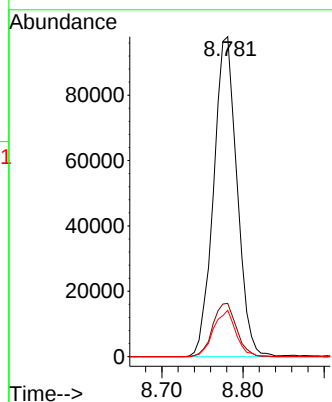
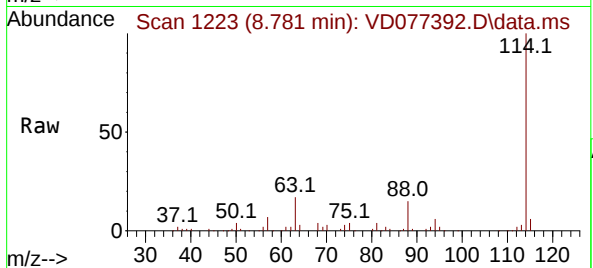




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD077392.D
Acq: 24 Oct 2023 14:07

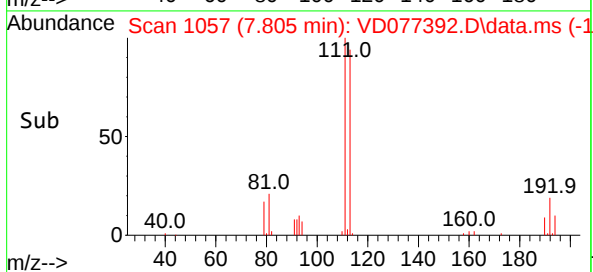
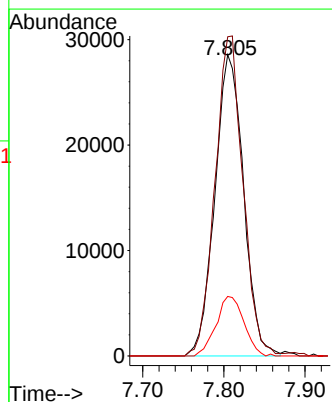
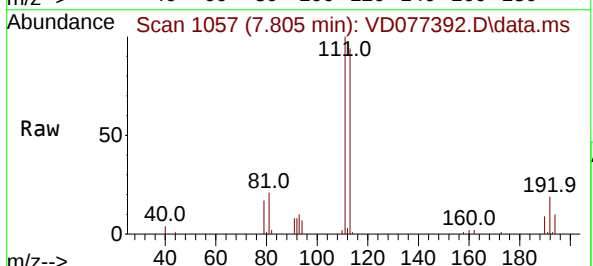
Instrument :
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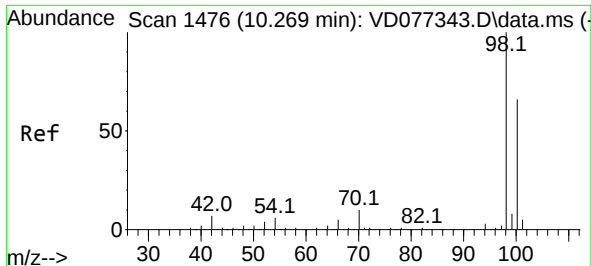
Tgt Ion:114 Resp: 196496
Ion Ratio Lower Upper
114 100
63 16.7 0.0 33.4
88 14.5 0.0 26.2



#35
Dibromofluoromethane
Concen: 50.815 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. 0.001 min
Lab File: VD077392.D
Acq: 24 Oct 2023 14:07

Tgt Ion:113 Resp: 70148
Ion Ratio Lower Upper
113 100
111 103.2 84.7 127.1
192 19.2 16.8 25.2

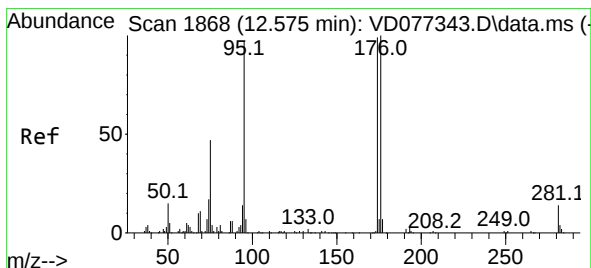
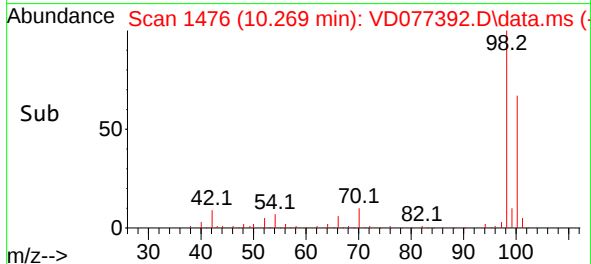
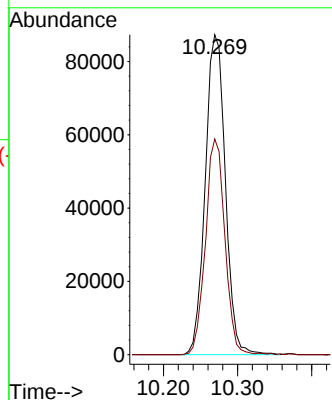
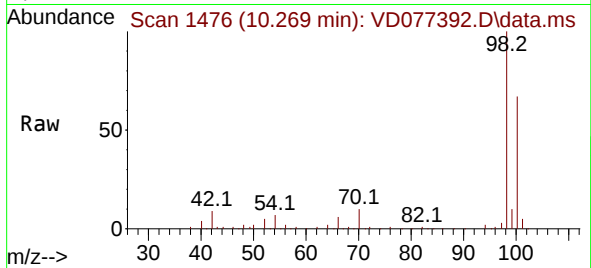




#50
Toluene-d8
Concen: 33.265 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD077392.D
Acq: 24 Oct 2023 14:07

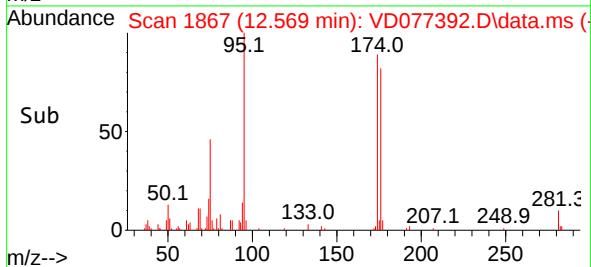
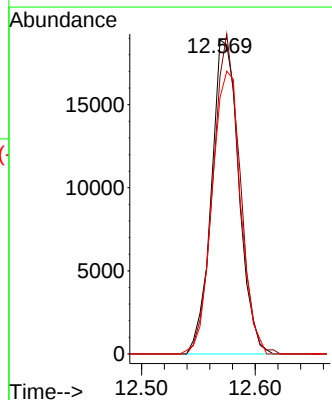
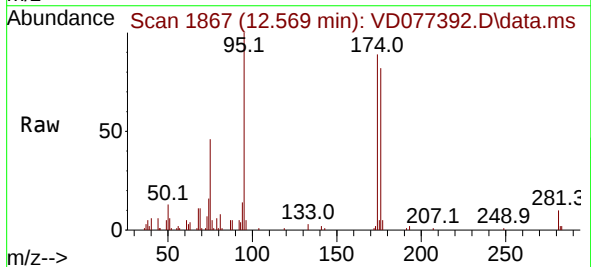
Instrument :
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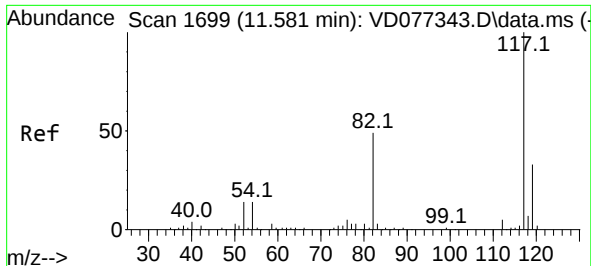
Tgt Ion: 98 Resp: 164459
Ion Ratio Lower Upper
98 100
100 65.1 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 22.289 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD077392.D
Acq: 24 Oct 2023 14:07

Tgt Ion: 95 Resp: 31720
Ion Ratio Lower Upper
95 100
174 99.1 0.0 201.8
176 93.7 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: VD077392.D

Acq: 24 Oct 2023 14:07

Instrument :

MSVOA_D

ClientSampleId :

EXHAUST-VENTRE

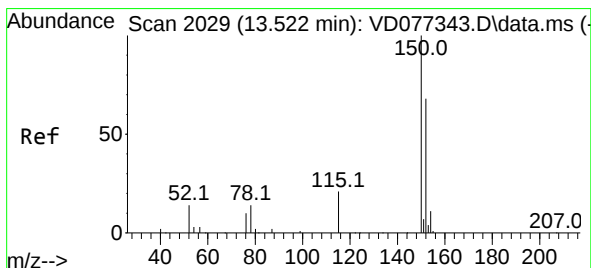
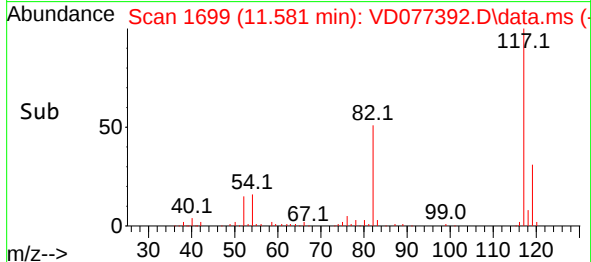
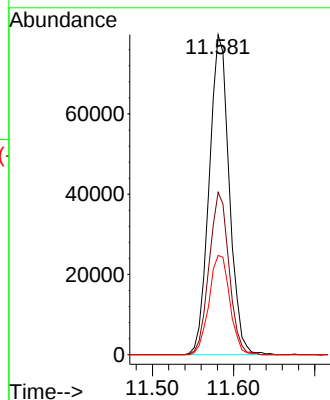
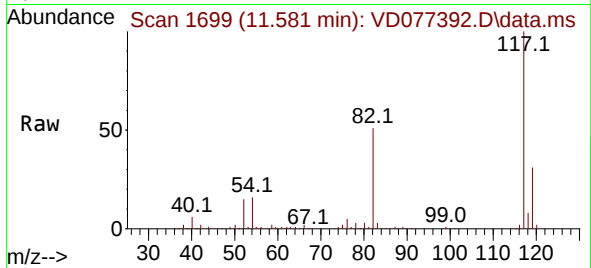
Tgt Ion:117 Resp: 136674

Ion Ratio Lower Upper

117 100

82 50.8 38.3 57.5

119 31.0 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: VD077392.D

Acq: 24 Oct 2023 14:07

Tgt Ion:152 Resp: 32986

Ion Ratio Lower Upper

152 100

115 54.4 27.1 81.3

150 153.0 0.0 353.6

