

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092823\
 Data File : VD077241.D
 Acq On : 28 Sep 2023 20:35
 Operator : JC/SY
 Sample : 04666-01
 Misc : 5.02G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VNJ-201

Quant Time: Sep 29 02:22:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091823S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 19 04:46:37 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	150591	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	343426	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	447101	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	223400	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	86964	57.221	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.440%
35) Dibromofluoromethane	7.805	113	113221	47.464	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.920%
50) Toluene-d8	10.269	98	450221	53.025	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	106.060%
62) 4-Bromofluorobenzene	12.575	95	188866	71.767	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	143.540%#

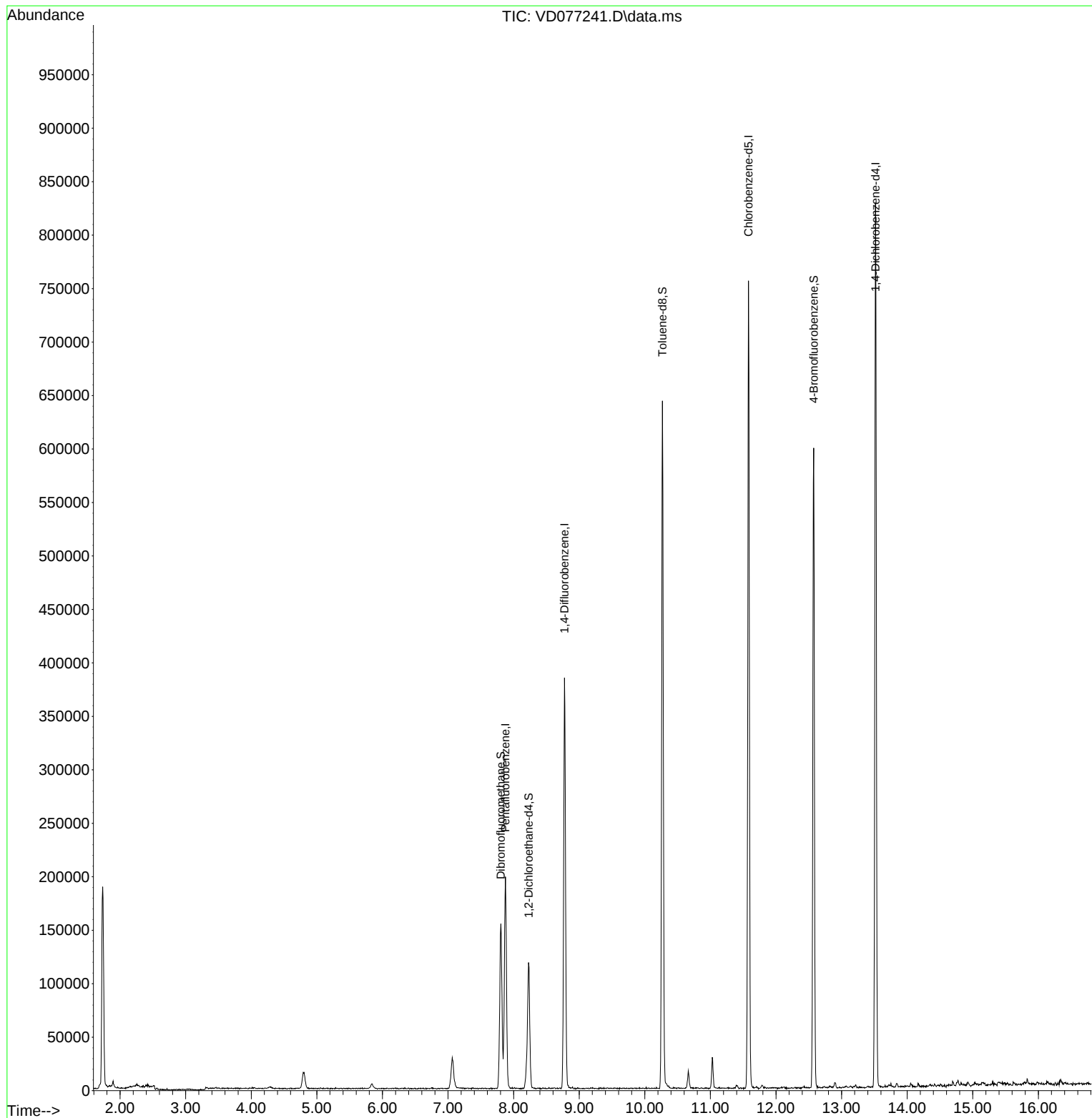
Target Compounds	Qvalue

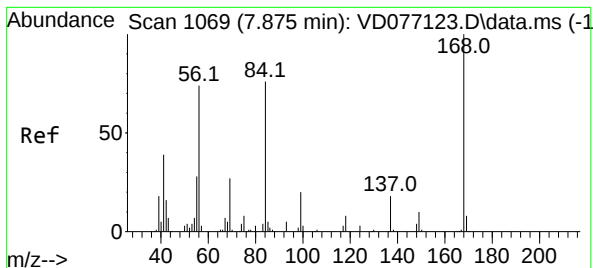
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD077241.D

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Instrument :

MSVOA_D

ClientSampleId :

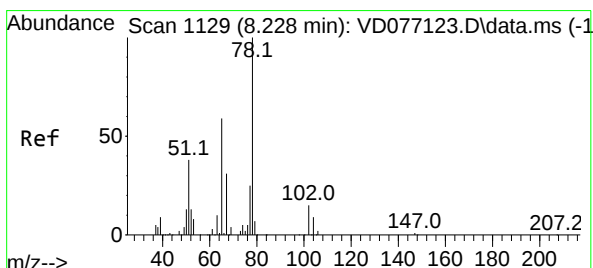
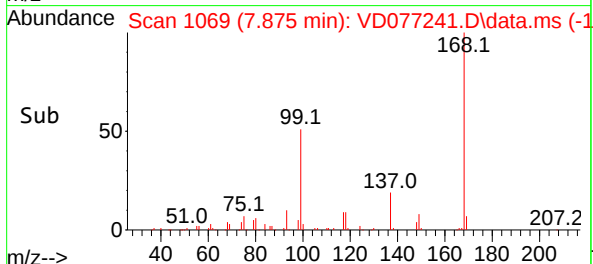
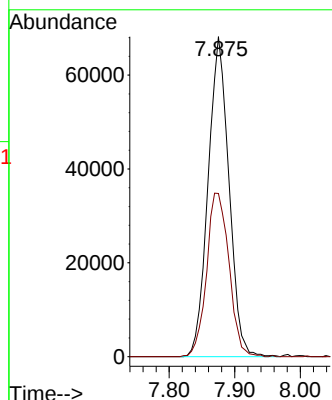
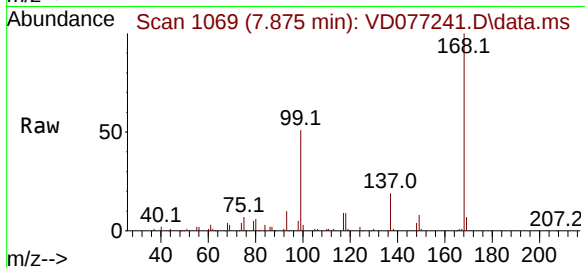
VNJ-201

Tgt Ion:168 Resp: 150591

Ion Ratio Lower Upper

168 100

99 51.0 36.7 55.1



#33

1,2-Dichloroethane-d4

Concen: 57.221 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD077241.D

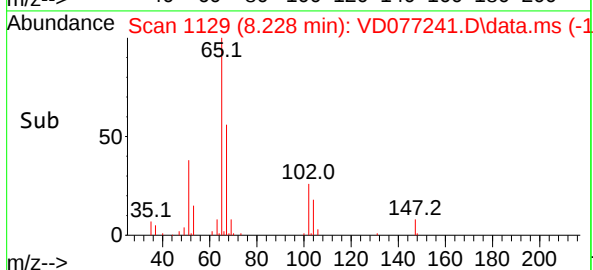
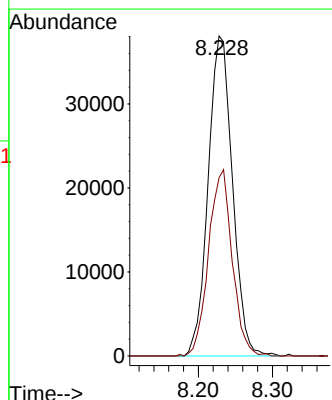
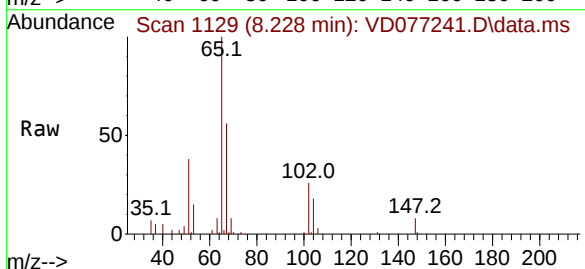
Acq: 28 Sep 2023 20:35

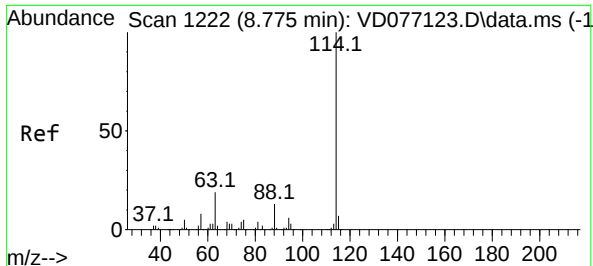
Tgt Ion: 65 Resp: 86964

Ion Ratio Lower Upper

65 100

67 56.6 0.0 115.0

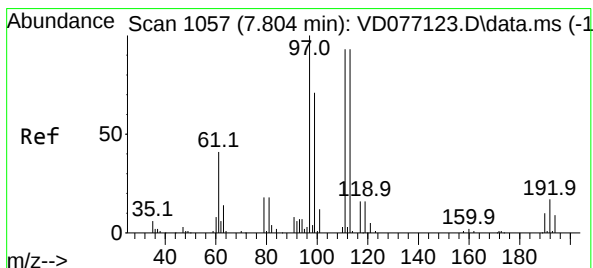
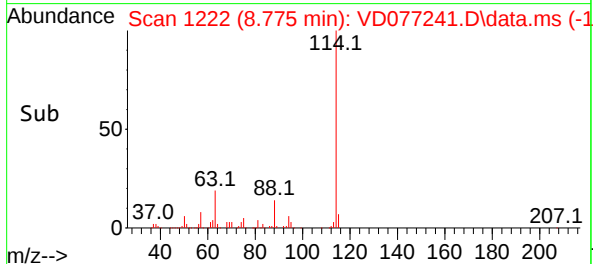
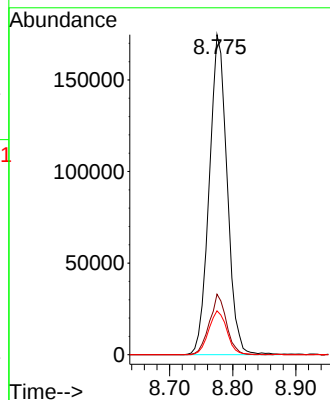
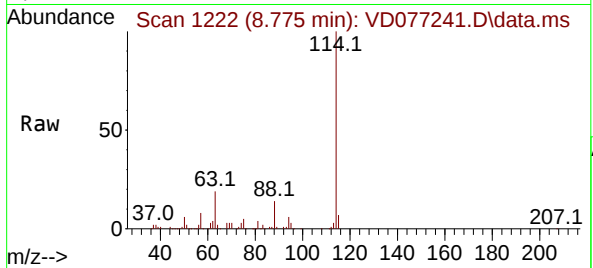




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD077241.D
Acq: 28 Sep 2023 20:35

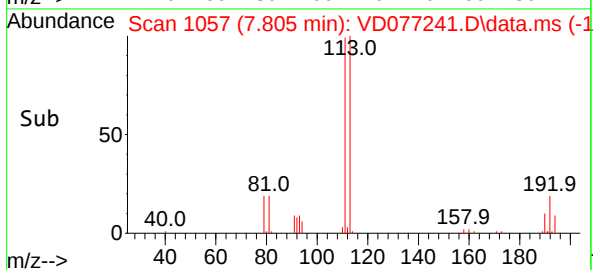
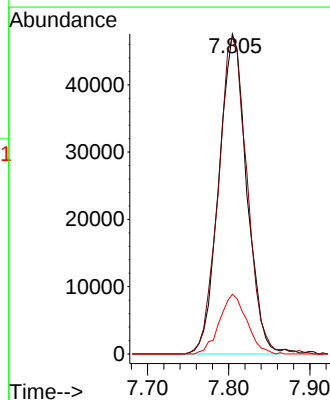
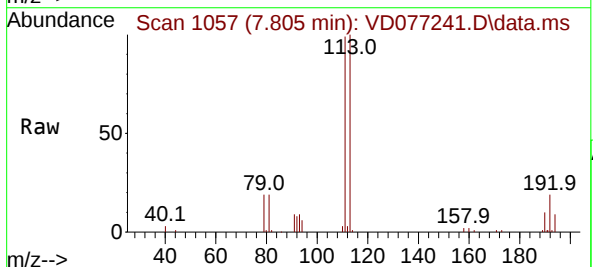
Instrument :
MSVOA_D
ClientSampleId :
VNJ-201

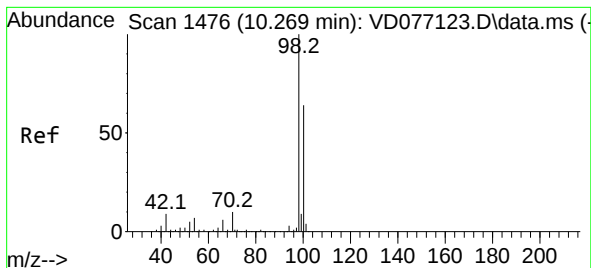
Tgt Ion:114 Resp: 343426
Ion Ratio Lower Upper
114 100
63 18.9 0.0 33.4
88 13.7 0.0 26.2



#35
Dibromofluoromethane
Concen: 47.464 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD077241.D
Acq: 28 Sep 2023 20:35

Tgt Ion:113 Resp: 113221
Ion Ratio Lower Upper
113 100
111 102.4 84.7 127.1
192 18.4 16.8 25.2





#50

Toluene-d8

Concen: 53.025 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD077241.D

Acq: 28 Sep 2023 20:35

Instrument :

MSVOA_D

ClientSampleId :

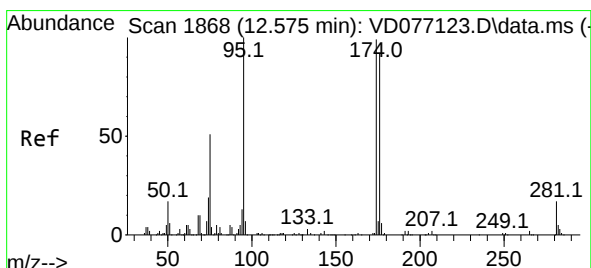
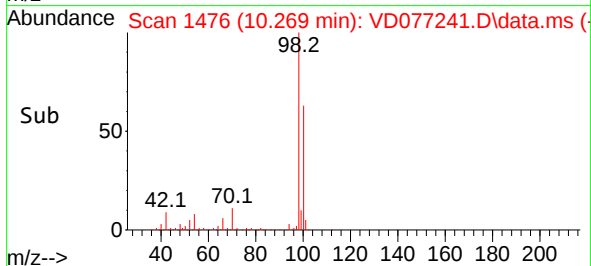
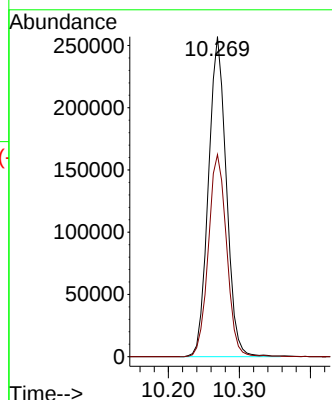
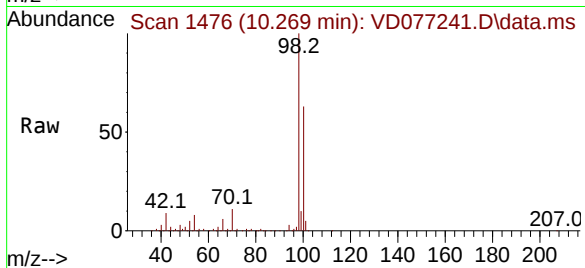
VNJ-201

Tgt Ion: 98 Resp: 450221

Ion Ratio Lower Upper

98 100

100 64.4 50.3 75.5



#62

4-Bromofluorobenzene

Concen: 71.767 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. 0.000 min

Lab File: VD077241.D

Acq: 28 Sep 2023 20:35

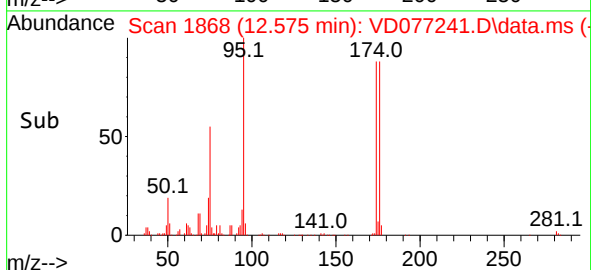
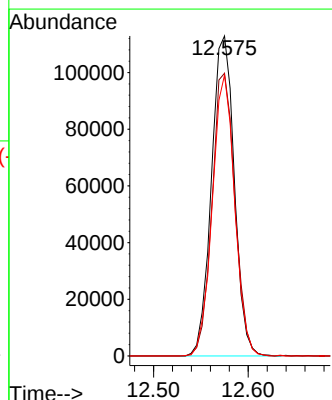
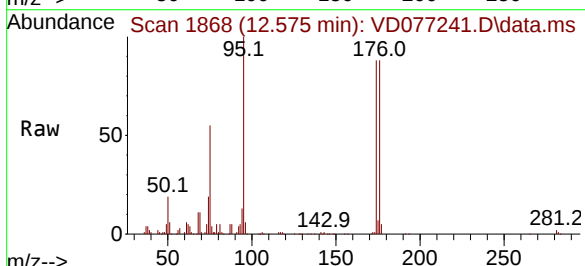
Tgt Ion: 95 Resp: 188866

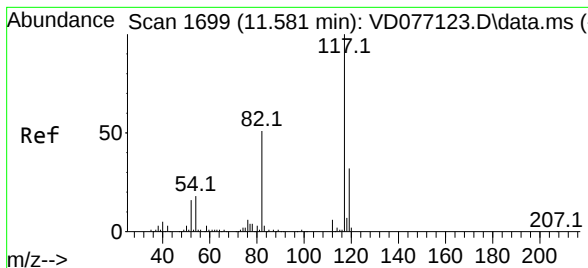
Ion Ratio Lower Upper

95 100

174 88.6 0.0 201.8

176 85.9 0.0 191.8

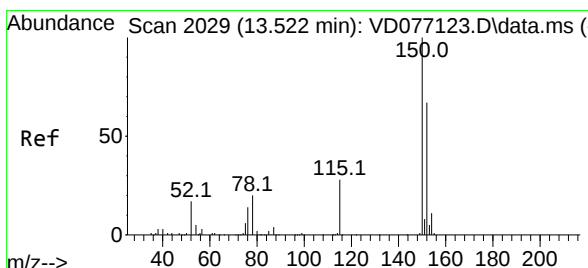
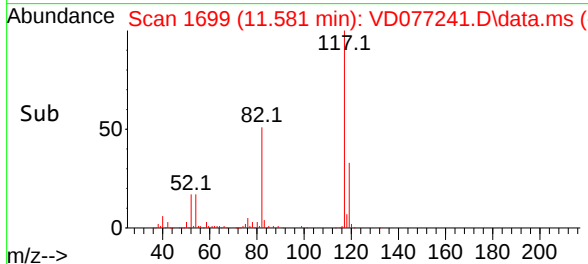
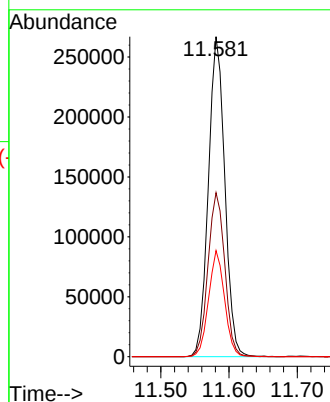
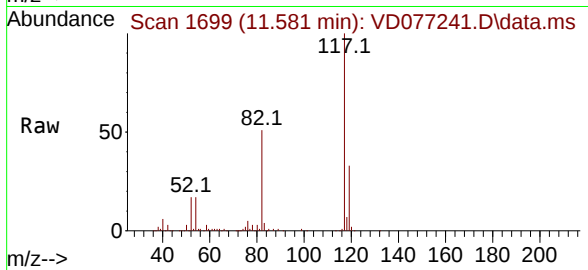




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD077241.D
Acq: 28 Sep 2023 20:35

Instrument :
MSVOA_D
ClientSampleId :
VNJ-201

Tgt Ion:117 Resp: 447101
Ion Ratio Lower Upper
117 100
82 51.3 38.3 57.5
119 33.2 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: VD077241.D
Acq: 28 Sep 2023 20:35

Tgt Ion:152 Resp: 223400
Ion Ratio Lower Upper
152 100
115 57.7 27.1 81.3
150 159.2 0.0 353.6

