

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102323\
 Data File : VD077383.D
 Acq On : 23 Oct 2023 16:09
 Operator : JC/SY
 Sample : 04976-02RE
 Misc : 5.40G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 NB-426-VOC-01RE

Quant Time: Oct 23 23:41:17 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)

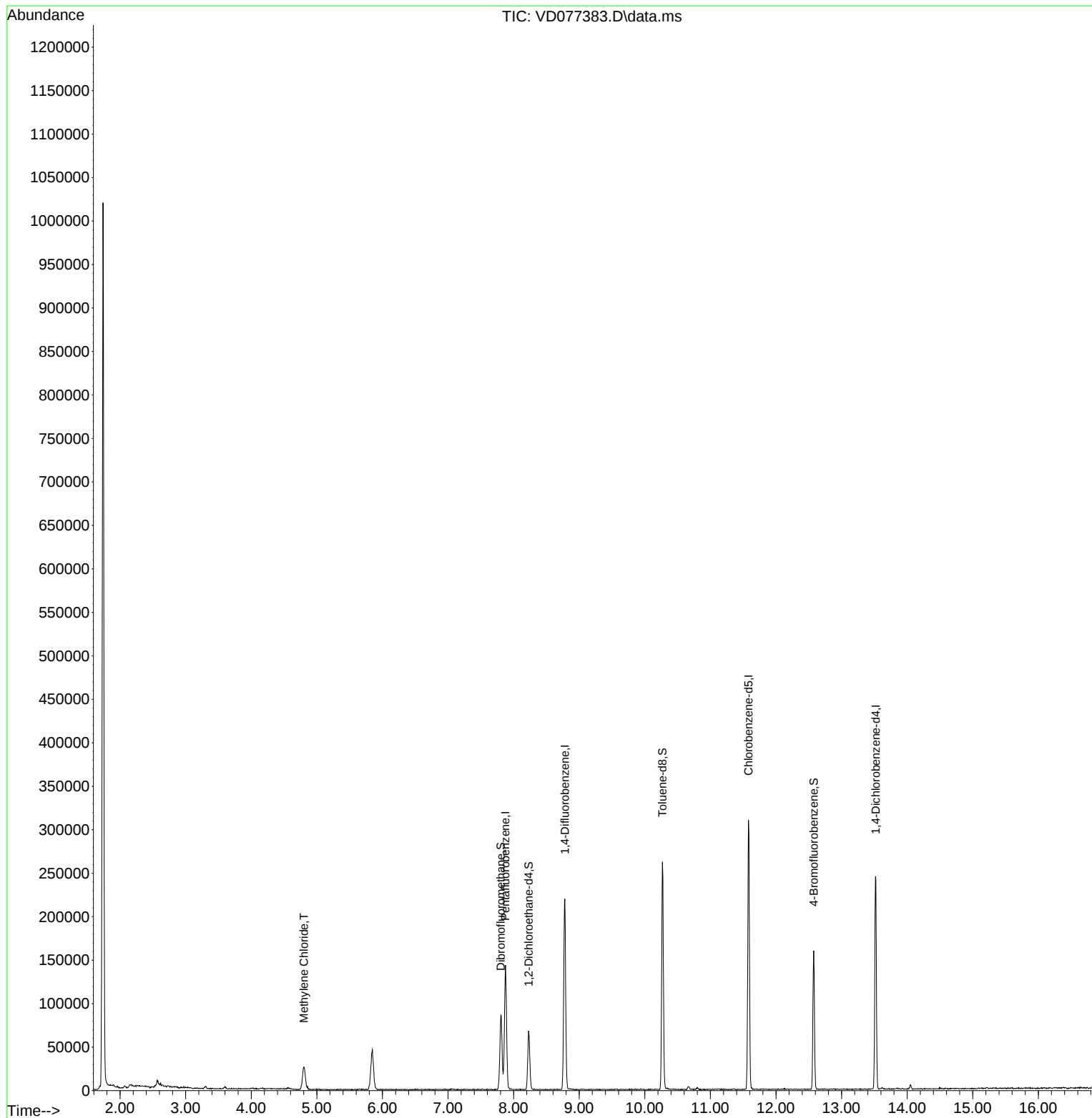
Internal Standards						
1) Pentafluorobenzene	7.875	168	111429	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	211373	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	196814	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	71631	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	50909	51.165	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	102.340%
35) Dibromofluoromethane	7.805	113	61912	41.692	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	83.380%
50) Toluene-d8	10.269	98	188994	35.537	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	71.080%
62) 4-Bromofluorobenzene	12.575	95	46805	30.574	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	61.140%
Target Compounds						
20) Methylene Chloride	4.805	84	21935	13.088	ug/l	92

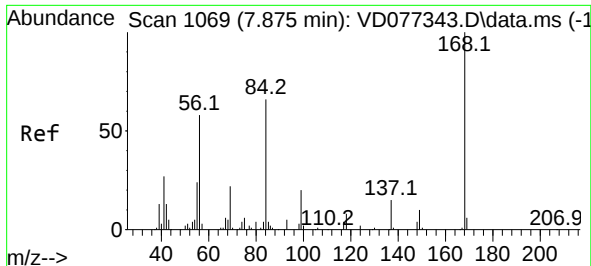
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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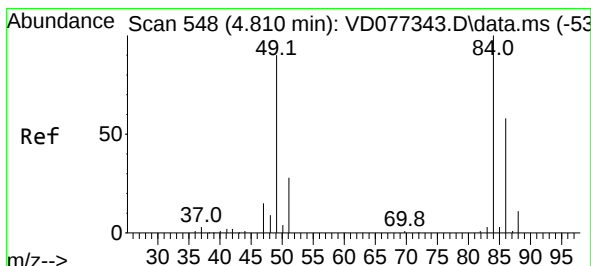
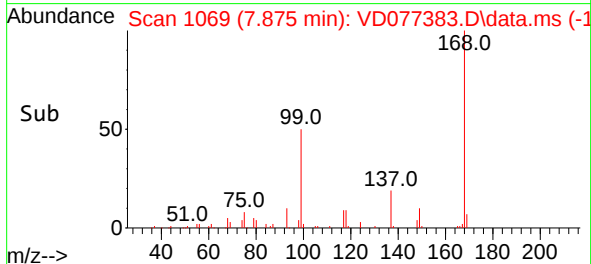
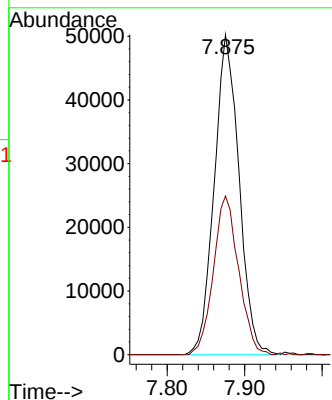
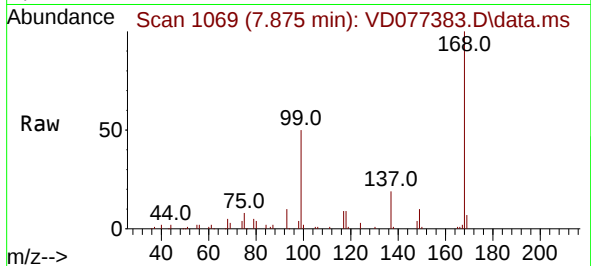




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD077383.D
Acq: 23 Oct 2023 16:09

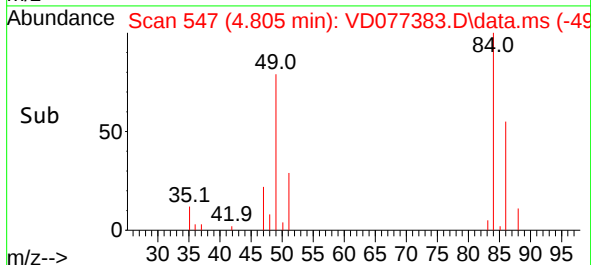
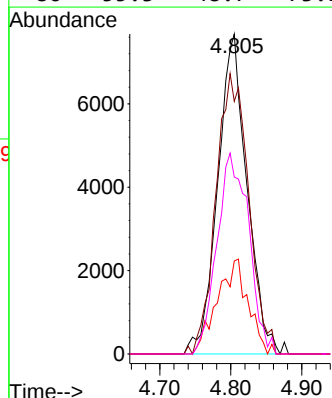
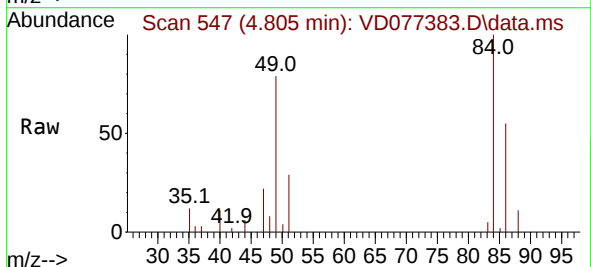
Instrument :
MSVOA_D
ClientSampleId :
NB-426-VOC-01RE

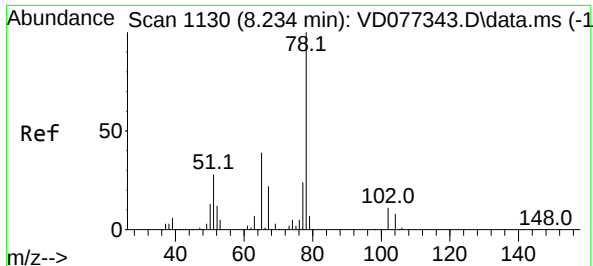
Tgt Ion:168 Resp: 111429
Ion Ratio Lower Upper
168 100
99 49.6 36.7 55.1



#20
Methylene Chloride
Concen: 13.088 ug/l
RT: 4.805 min Scan# 547
Delta R.T. -0.005 min
Lab File: VD077383.D
Acq: 23 Oct 2023 16:09

Tgt Ion: 84 Resp: 21935
Ion Ratio Lower Upper
84 100
49 79.0 71.4 107.2
51 29.0 24.5 36.7
86 55.3 48.7 73.1





#33

1,2-Dichloroethane-d4

Concen: 51.165 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD077383.D

Acq: 23 Oct 2023 16:09

Instrument :

MSVOA_D

ClientSampleId :

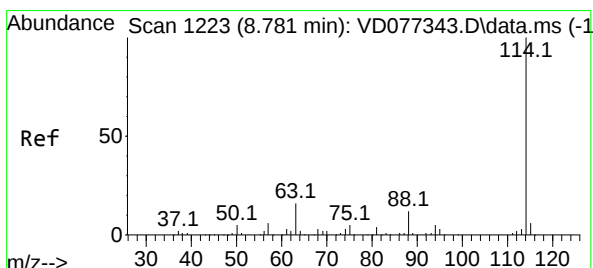
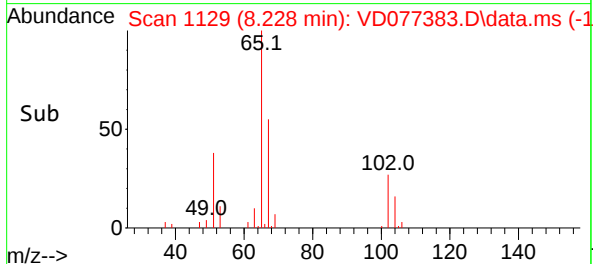
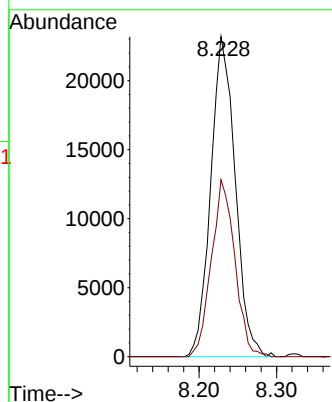
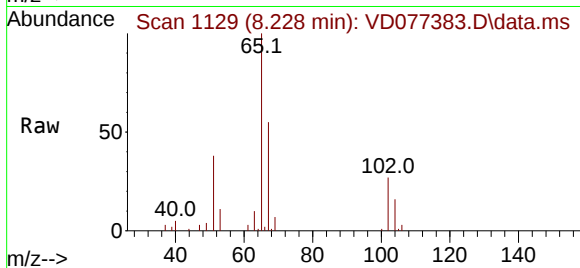
NB-426-VOC-01RE

Tgt Ion: 65 Resp: 50909

Ion Ratio Lower Upper

65 100

67 53.0 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.000 min

Lab File: VD077383.D

Acq: 23 Oct 2023 16:09

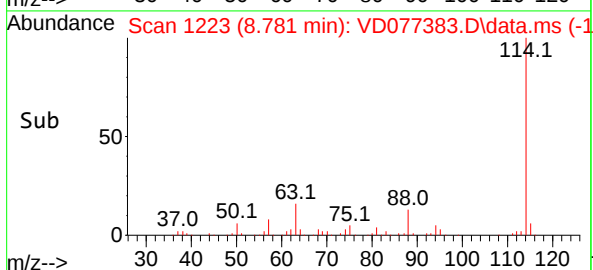
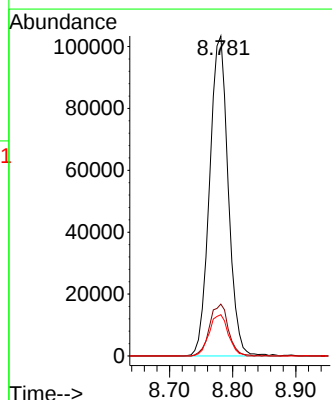
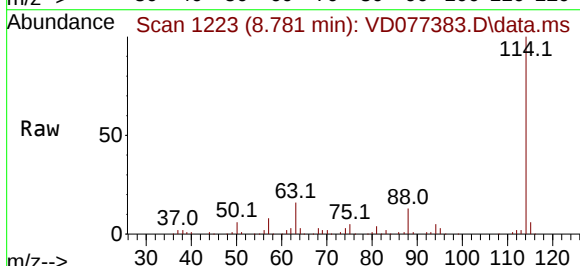
Tgt Ion: 114 Resp: 211373

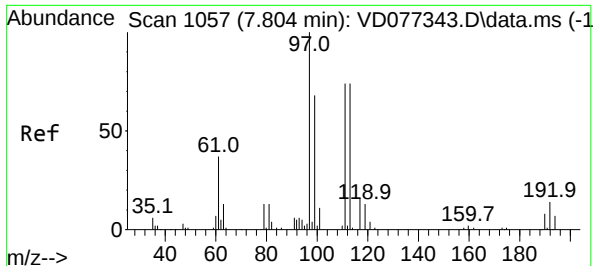
Ion Ratio Lower Upper

114 100

63 16.2 0.0 33.4

88 12.9 0.0 26.2





#35

Dibromofluoromethane

Concen: 41.692 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.001 min

Lab File: VD077383.D

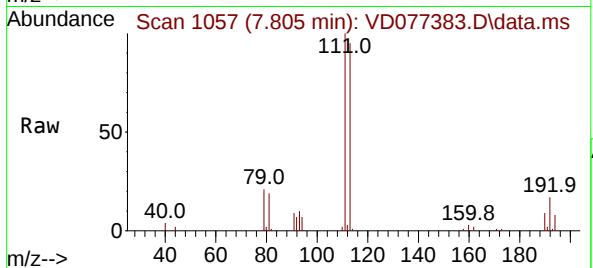
Acq: 23 Oct 2023 16:09

Instrument :

MSVOA_D

ClientSampleId :

NB-426-VOC-01RE



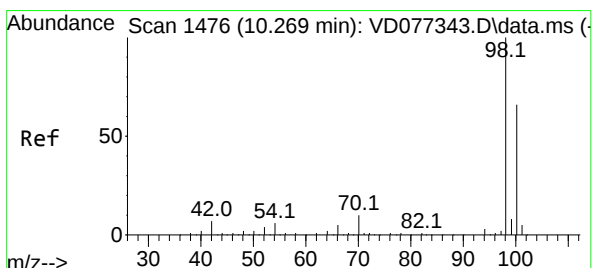
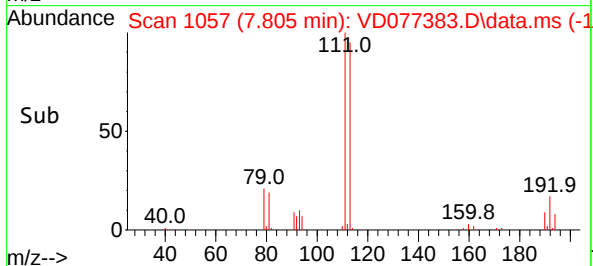
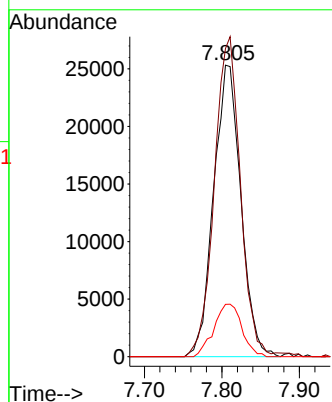
Tgt Ion:113 Resp: 61912

Ion Ratio Lower Upper

113 100

111 104.9 84.7 127.1

192 18.5 16.8 25.2



#50

Toluene-d8

Concen: 35.537 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD077383.D

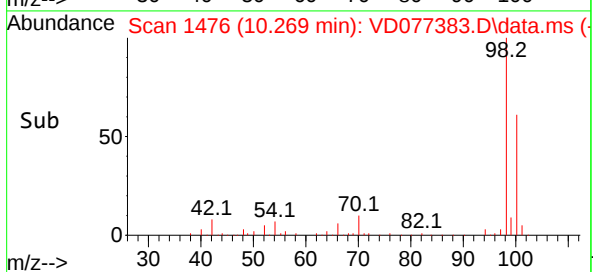
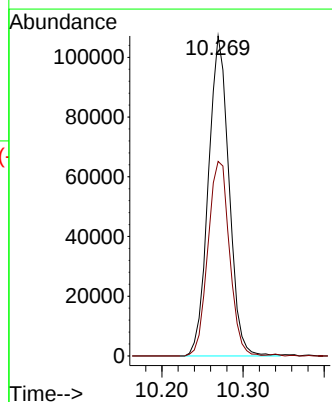
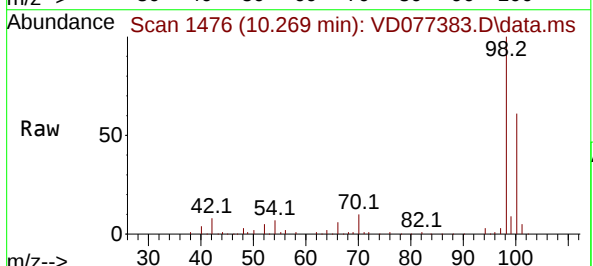
Acq: 23 Oct 2023 16:09

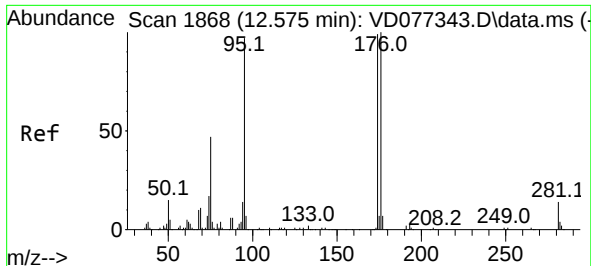
Tgt Ion: 98 Resp: 188994

Ion Ratio Lower Upper

98 100

100 63.4 50.3 75.5

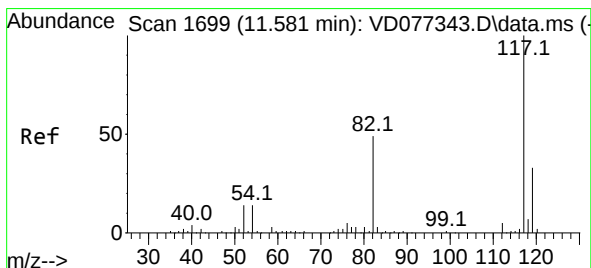
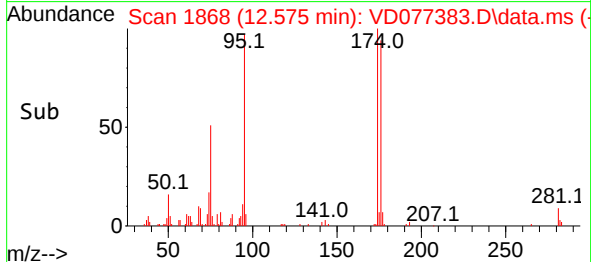
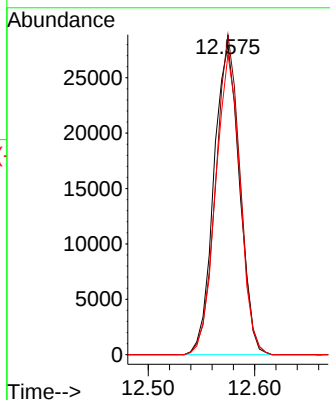
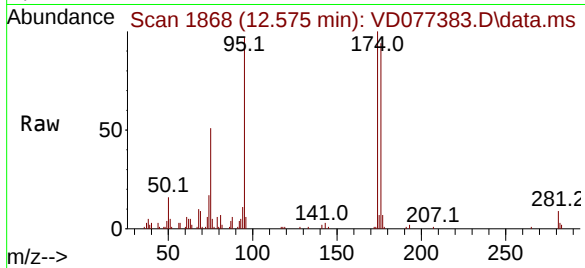




#62
4-Bromofluorobenzene
Concen: 30.574 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077383.D
Acq: 23 Oct 2023 16:09

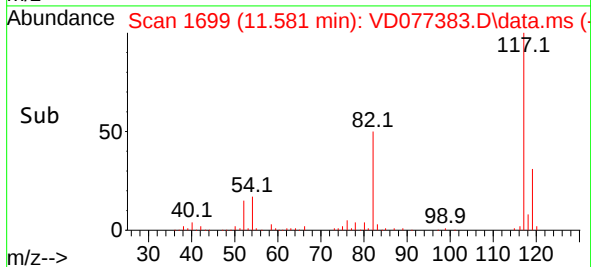
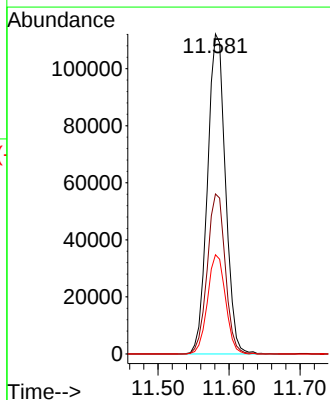
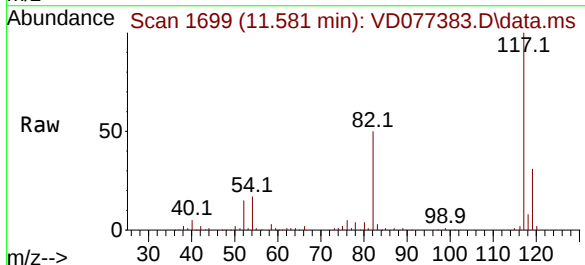
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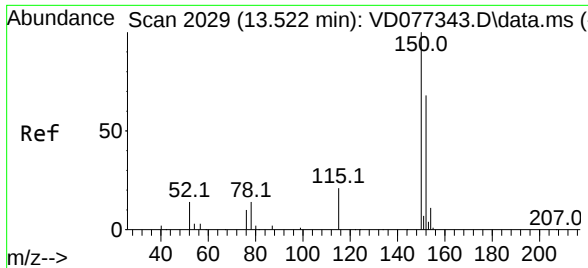
Tgt Ion: 95 Resp: 46805
Ion Ratio Lower Upper
95 100
174 97.8 0.0 201.8
176 92.6 0.0 191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD077383.D
Acq: 23 Oct 2023 16:09

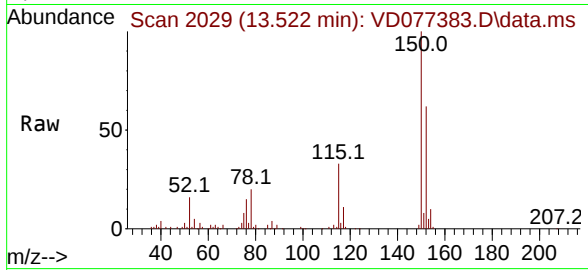
Tgt Ion: 117 Resp: 196814
Ion Ratio Lower Upper
117 100
82 50.0 38.3 57.5
119 31.0 25.0 37.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.522 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VD077383.D
 Acq: 23 Oct 2023 16:09

Instrument :
 MSVOA_D
 ClientSampleId :
 NB-426-VOC-01RE



Tgt Ion:152 Resp: 71631
 Ion Ratio Lower Upper
 152 100
 115 53.9 27.1 81.3
 150 159.5 0.0 353.6

