

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082923\
 Data File : VD077061.D
 Acq On : 29 Aug 2023 14:52
 Operator : JC/SY
 Sample : 04196-24
 Misc : 3.22G/5.2ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OR-345-VOC-04

Quant Time: Aug 29 21:00:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D082823S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 29 02:15:23 2023
 Response via : Initial Calibration

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

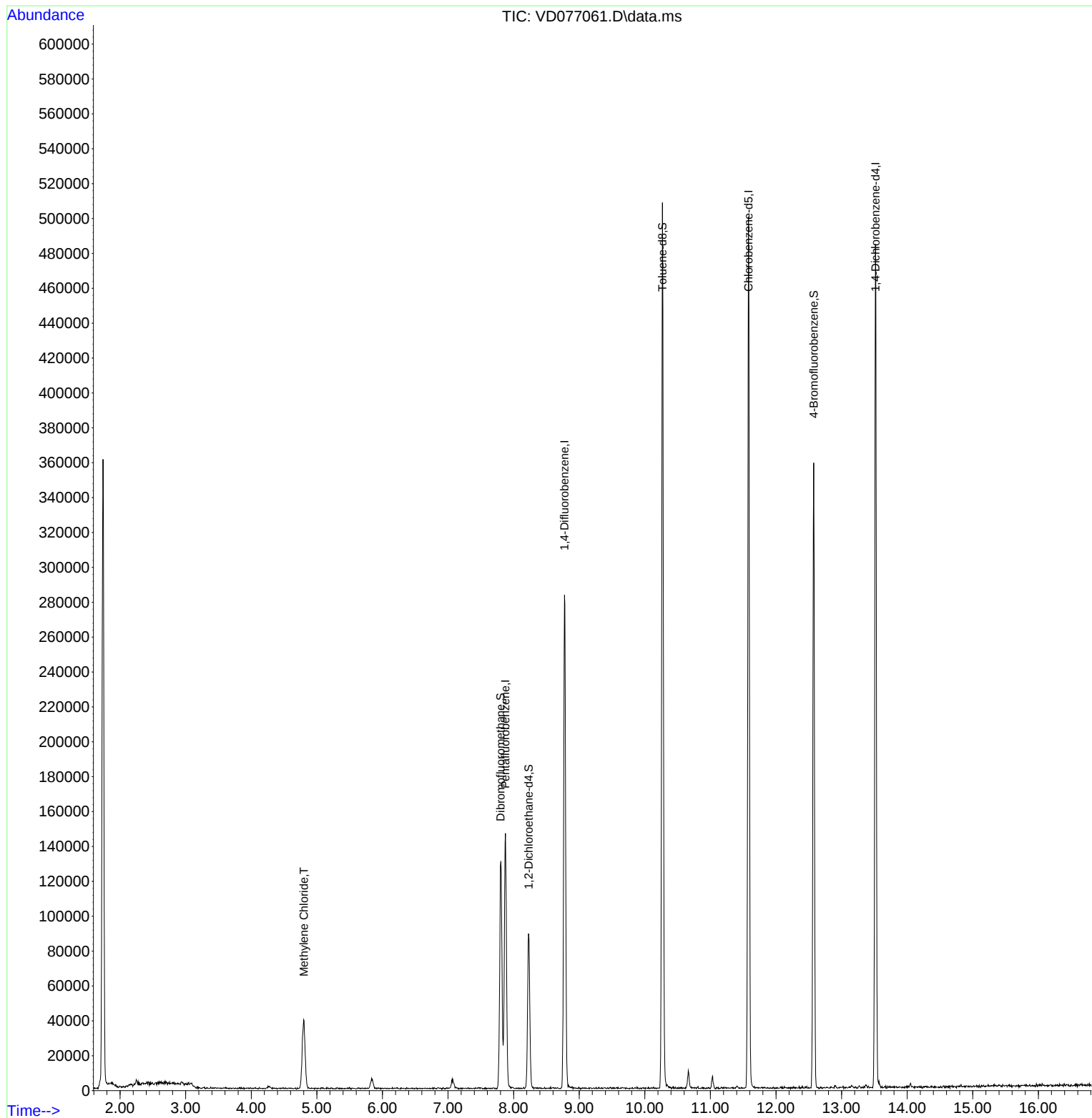
Internal Standards						
1) Pentafluorobenzene	7.875	168	116120	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	268391	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	297494	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	135772	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	70485	61.652	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 123.300%	
35) Dibromofluoromethane	7.799	113	96829	54.003	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.000%	
50) Toluene-d8	10.269	98	351859	54.243	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 108.480%	
62) 4-Bromofluorobenzene	12.575	95	108077	56.511	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 113.020%	
Target Compounds						
20) Methylene Chloride	4.805	84	33598	18.055	ug/l	Qvalue 96

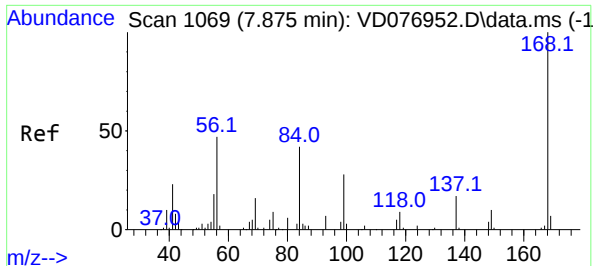
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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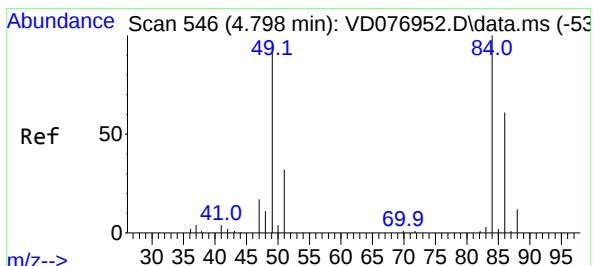
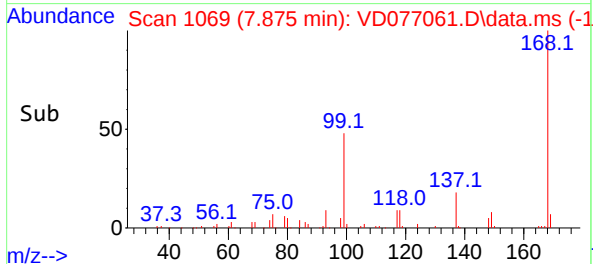
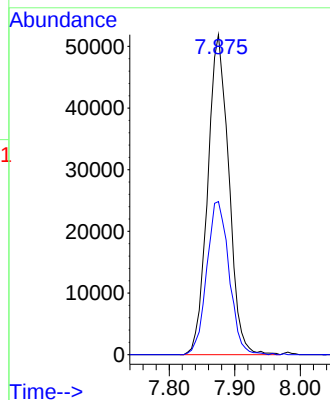
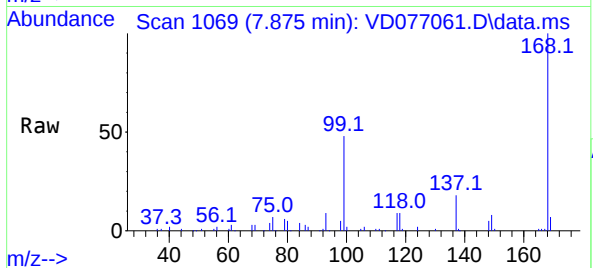




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD077061.D
Acq: 29 Aug 2023 14:52

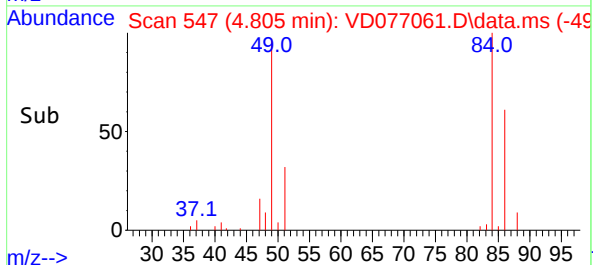
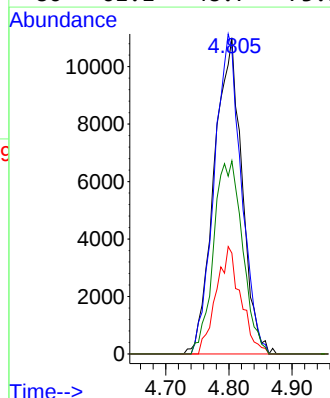
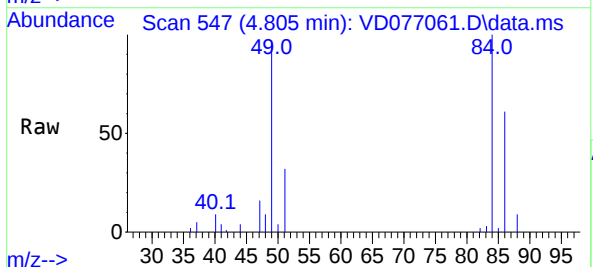
Instrument :
MSVOA_D
ClientSampleId :
OR-345-VOC-04

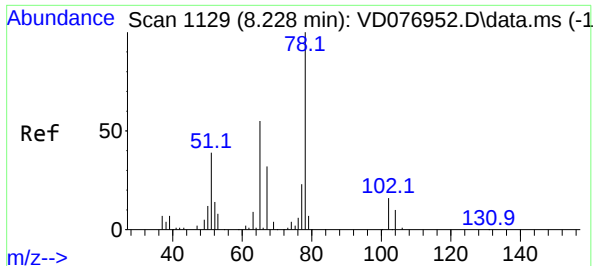
Tgt Ion:168 Resp: 116120
Ion Ratio Lower Upper
168 100
99 47.9 36.7 55.1



#20
Methylene Chloride
Concen: 18.055 ug/l
RT: 4.805 min Scan# 547
Delta R.T. 0.007 min
Lab File: VD077061.D
Acq: 29 Aug 2023 14:52

Tgt Ion: 84 Resp: 33598
Ion Ratio Lower Upper
84 100
49 96.5 71.4 107.2
51 31.9 24.5 36.7
86 61.1 48.7 73.1





#33

1,2-Dichloroethane-d4

Concen: 61.652 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD077061.D

Acq: 29 Aug 2023 14:52

Instrument :

MSVOA_D

ClientSampleId :

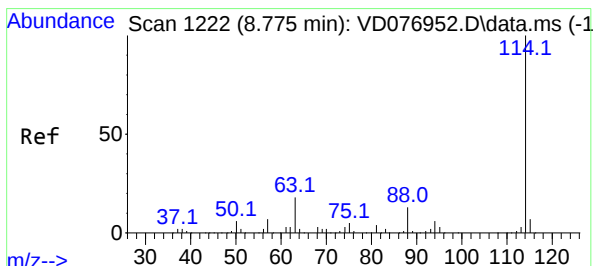
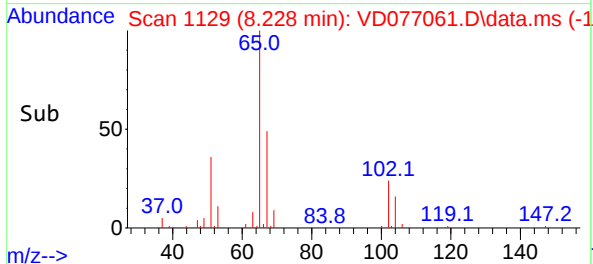
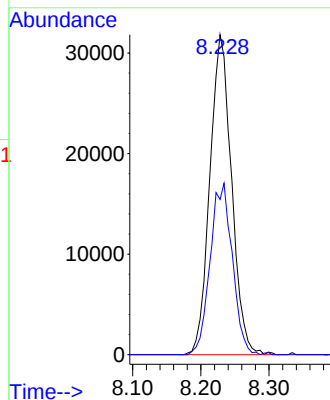
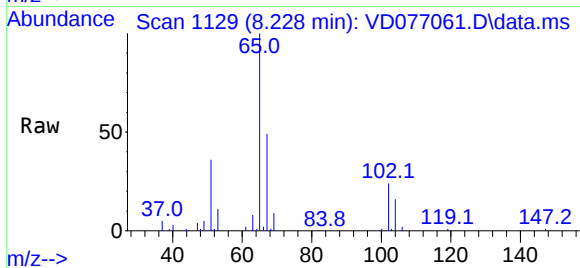
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Tgt Ion: 65 Resp: 70485

Ion Ratio Lower Upper

65 100

67 54.6 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD077061.D

Acq: 29 Aug 2023 14:52

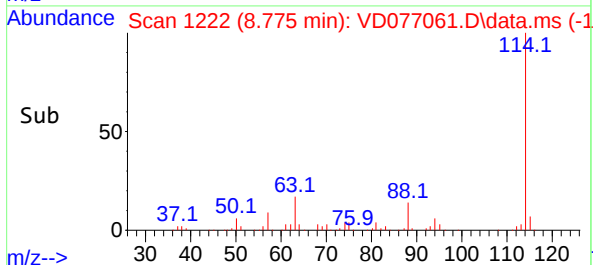
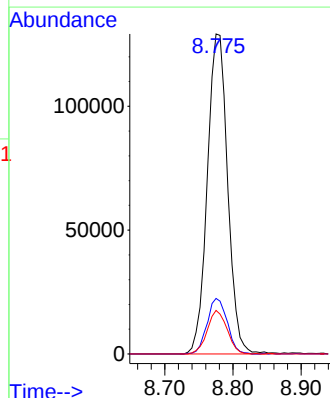
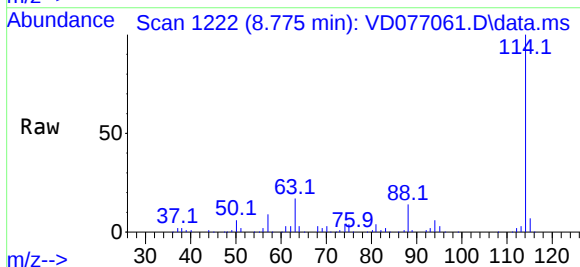
Tgt Ion: 114 Resp: 268391

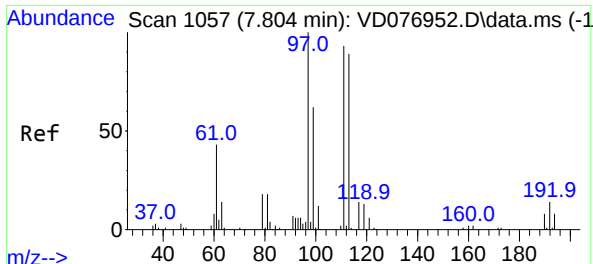
Ion Ratio Lower Upper

114 100

63 17.4 0.0 33.4

88 13.6 0.0 26.2

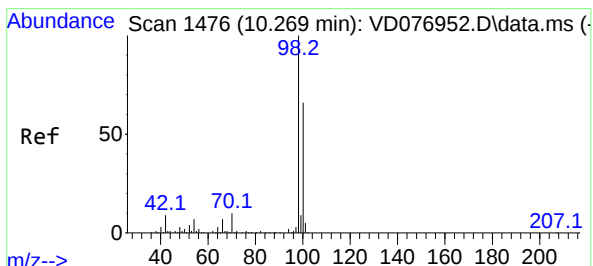
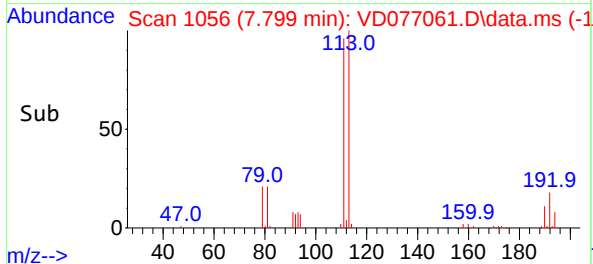
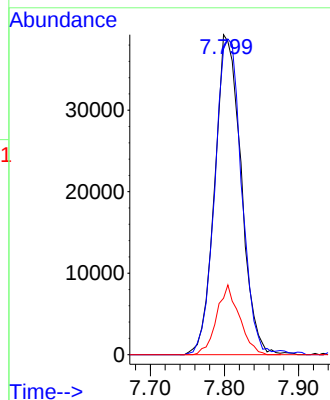
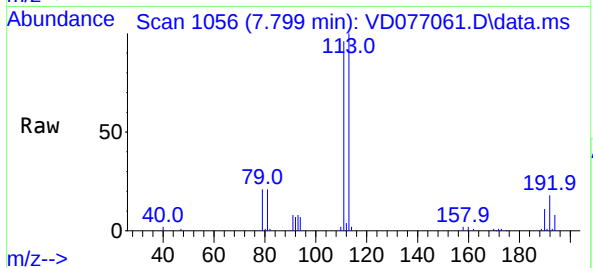




#35
Dibromofluoromethane
Concen: 54.003 ug/l
RT: 7.799 min Scan# 1056
Delta R.T. -0.005 min
Lab File: VD077061.D
Acq: 29 Aug 2023 14:52

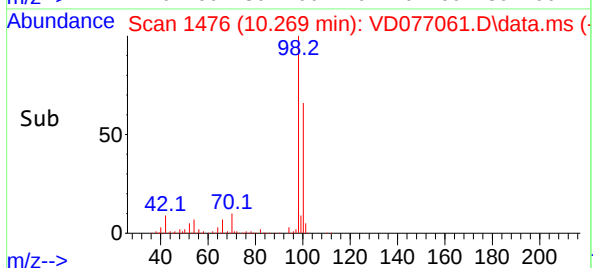
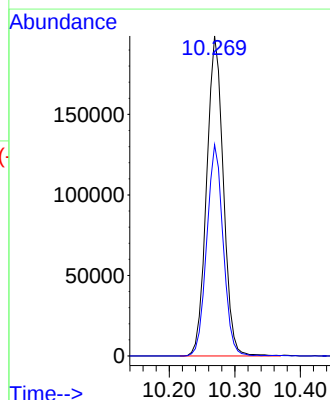
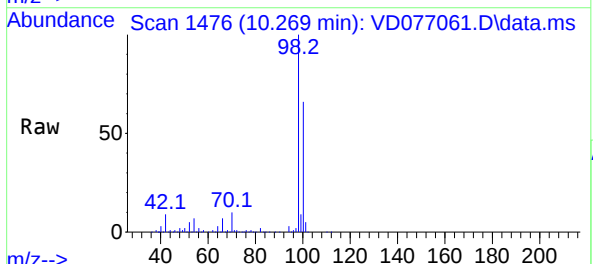
Instrument :
MSVOA_D
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OR-345-VOC-04

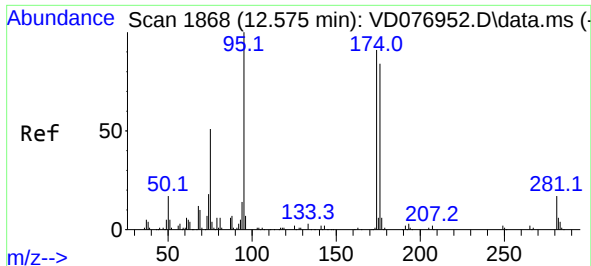
Tgt Ion:113 Resp: 96829
Ion Ratio Lower Upper
113 100
111 99.9 84.7 127.1
192 18.8 16.8 25.2



#50
Toluene-d8
Concen: 54.243 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD077061.D
Acq: 29 Aug 2023 14:52

Tgt Ion: 98 Resp: 351859
Ion Ratio Lower Upper
98 100
100 65.1 50.3 75.5

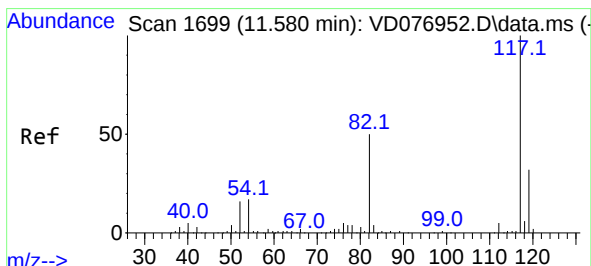
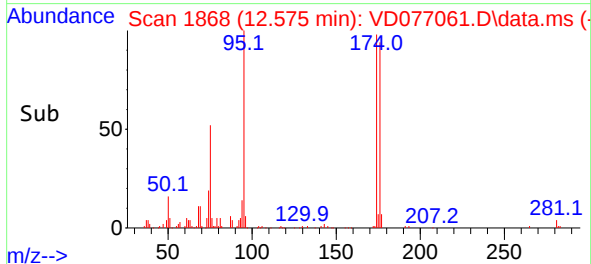
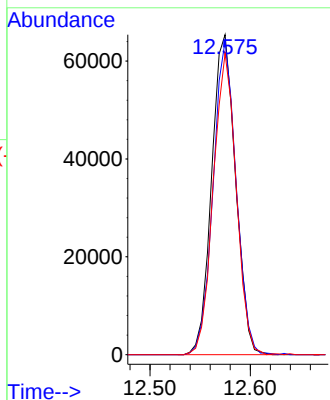
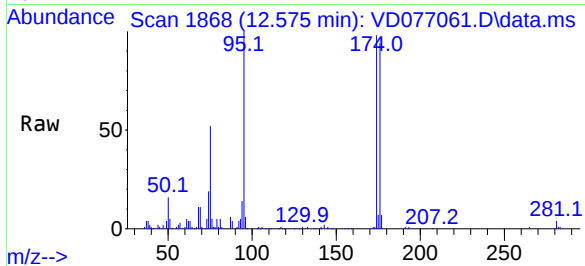




#62
4-Bromofluorobenzene
Concen: 56.511 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077061.D
Acq: 29 Aug 2023 14:52

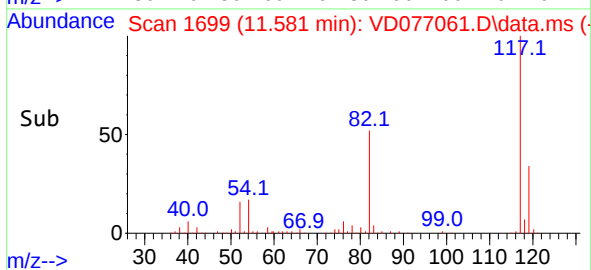
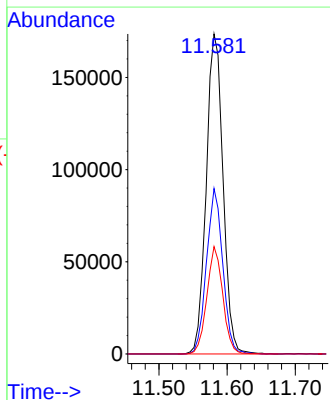
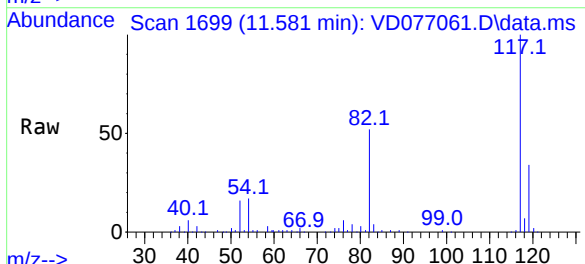
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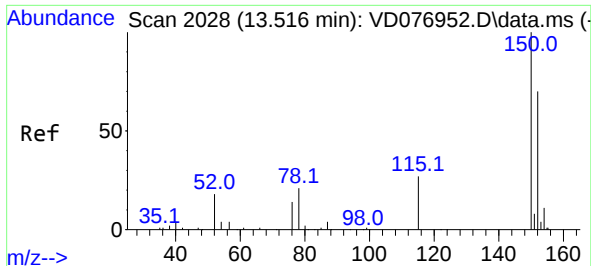
Tgt Ion: 95 Resp: 108077
Ion Ratio Lower Upper
95 100
174 94.3 0.0 201.8
176 90.4 0.0 191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.001 min
Lab File: VD077061.D
Acq: 29 Aug 2023 14:52

Tgt Ion: 117 Resp: 297494
Ion Ratio Lower Upper
117 100
82 51.7 38.3 57.5
119 33.6 25.0 37.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 20

Delta R.T. 0.000 min

Lab File: VD077061.D

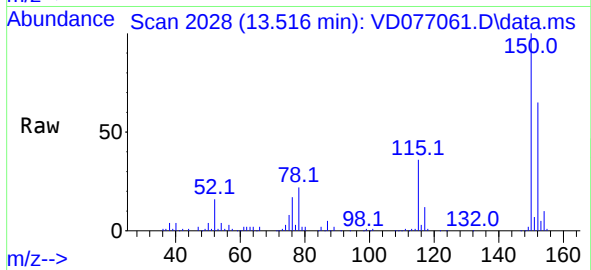
Acq: 29 Aug 2023 14:52

Instrument :

MSVOA_D

ClientSampleId :

OR-345-VOC-04



Tgt Ion:152 Resp: 135772

Ion Ratio Lower Upper

152 100

115 56.8 27.1 81.3

150 157.4 0.0 353.6

