

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD103123\
 Data File : VD077466.D
 Acq On : 31 Oct 2023 17:37
 Operator : JC/SY
 Sample : 05167-01
 Misc : 5.01G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-1

Quant Time: Nov 01 06:09:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D103023S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 31 04:19:17 2023
 Response via : Initial Calibration

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

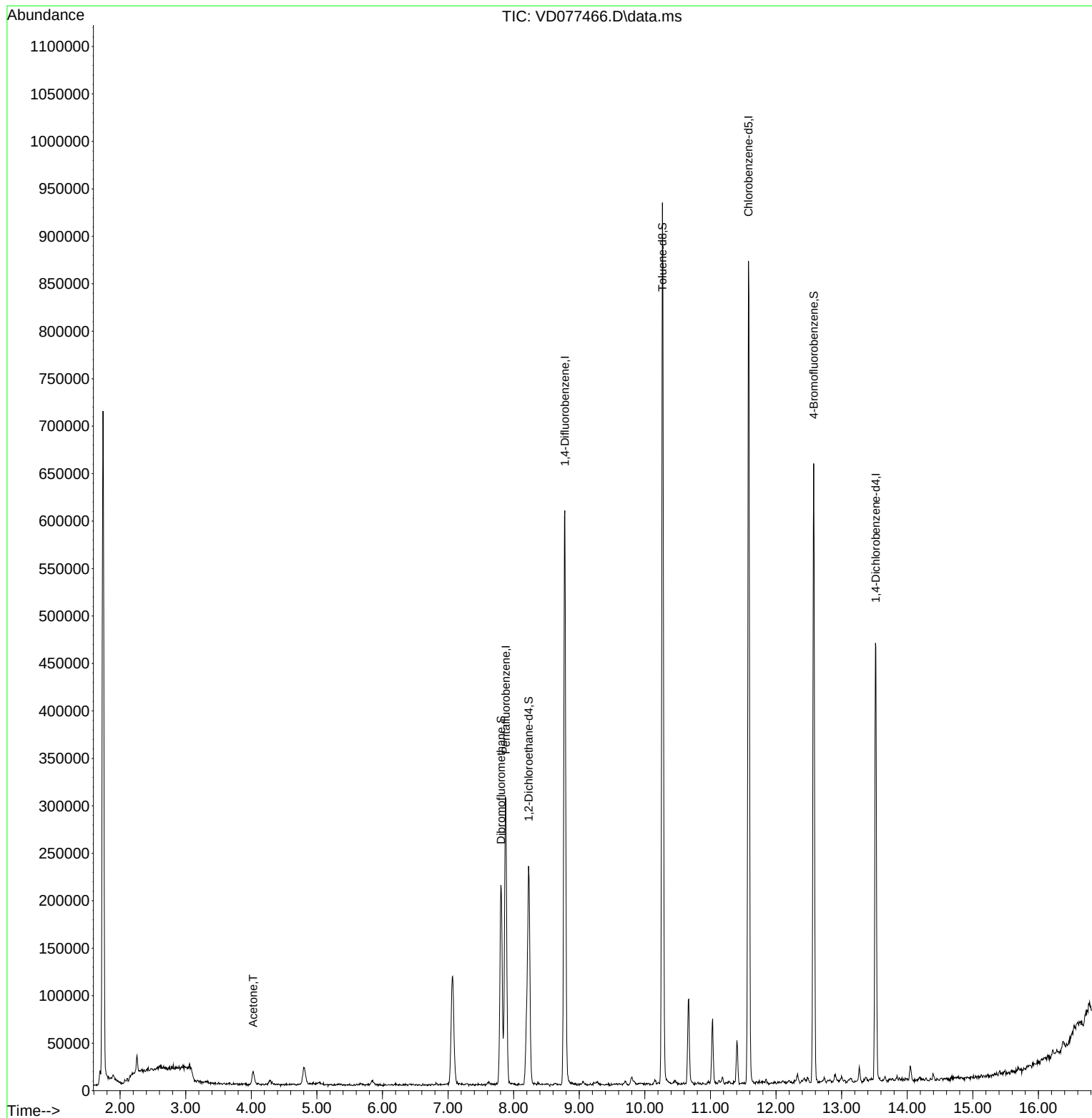
Internal Standards						
1) Pentafluorobenzene	7.881	168	221274	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	491466	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.580	117	446298	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	119327	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	165137	52.778	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.560%
35) Dibromofluoromethane	7.810	113	155271	45.711	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.420%
50) Toluene-d8	10.269	98	602915	45.696	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	91.400%
62) 4-Bromofluorobenzene	12.574	95	193770	43.604	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	87.200%
Target Compounds						
16) Acetone	4.028	43	23018	27.801	ug/l	# 80

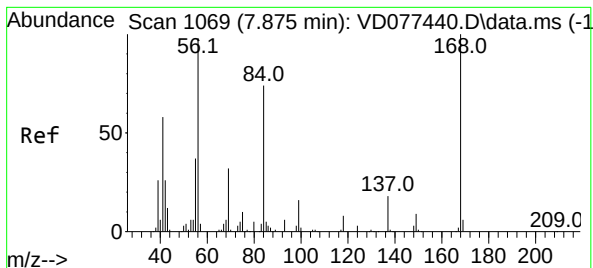
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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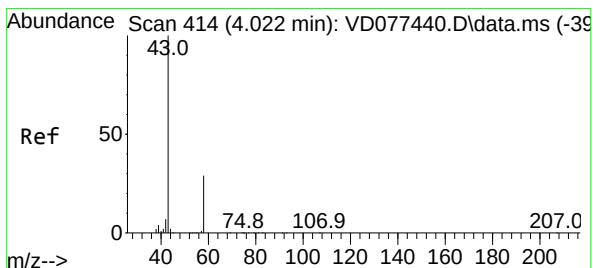
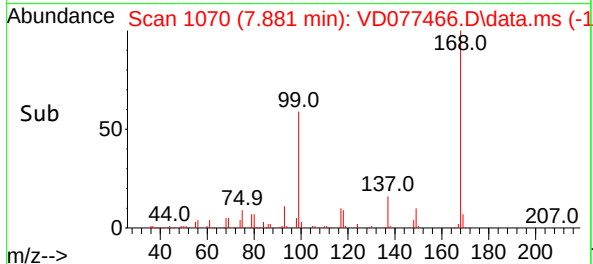
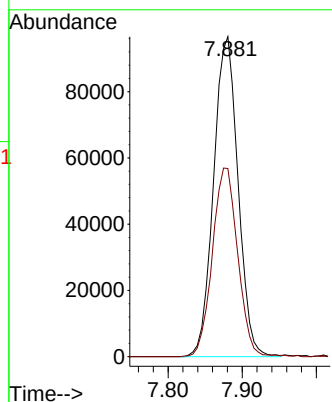
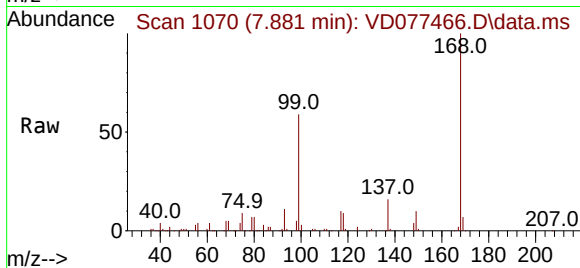




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD077466.D
Acq: 31 Oct 2023 17:37

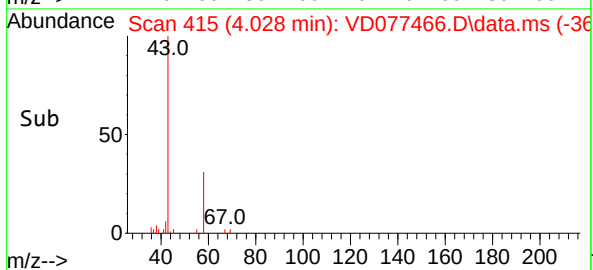
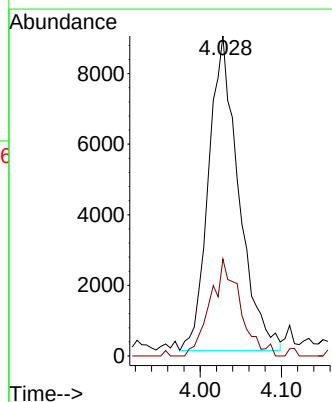
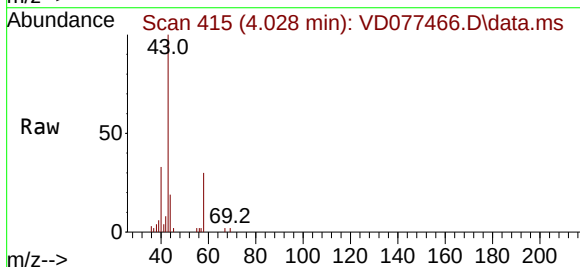
Instrument :
MSVOA_D
ClientSampleId :
WC-1

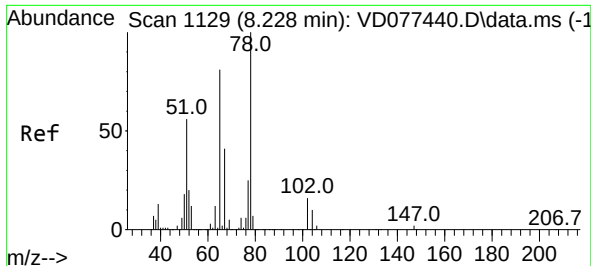
Tgt Ion:168 Resp: 221274
Ion Ratio Lower Upper
168 100
99 58.8 36.7 55.1#



#16
Acetone
Concen: 27.801 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.006 min
Lab File: VD077466.D
Acq: 31 Oct 2023 17:37

Tgt Ion: 43 Resp: 23018
Ion Ratio Lower Upper
43 100
58 30.8 34.7 52.1#





#33

1,2-Dichloroethane-d4

Concen: 52.778 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD077466.D

Acq: 31 Oct 2023 17:37

Instrument :

MSVOA_D

ClientSampleId :

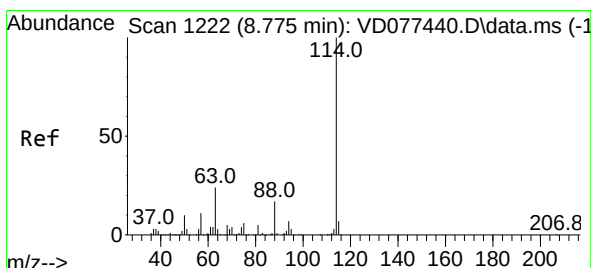
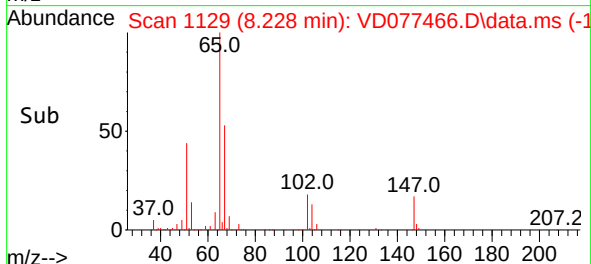
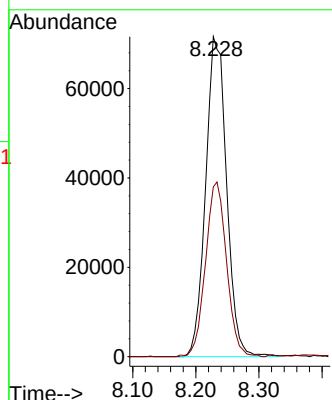
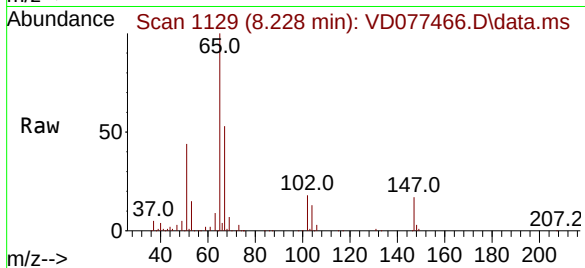
WC-1

Tgt Ion: 65 Resp: 165137

Ion Ratio Lower Upper

65 100

67 54.8 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD077466.D

Acq: 31 Oct 2023 17:37

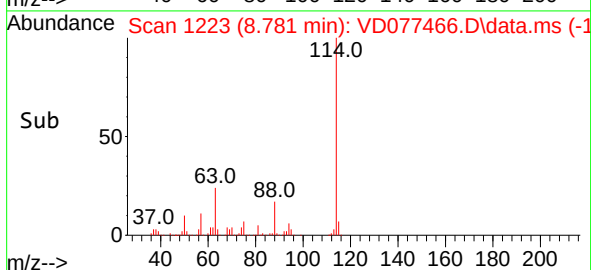
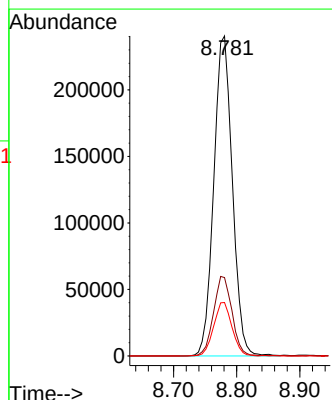
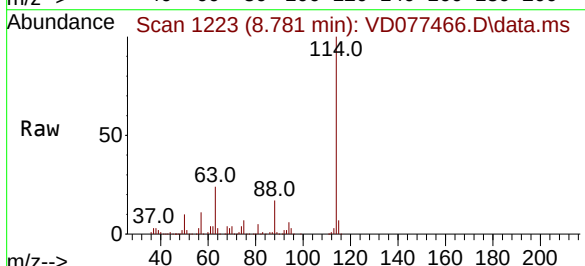
Tgt Ion: 114 Resp: 491466

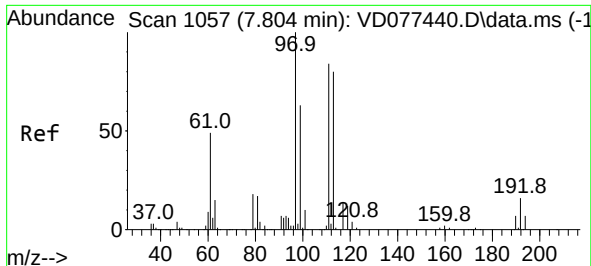
Ion Ratio Lower Upper

114 100

63 24.5 0.0 33.4

88 16.7 0.0 26.2





#35

Dibromofluoromethane

Concen: 45.711 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD077466.D

Acq: 31 Oct 2023 17:37

Instrument :

MSVOA_D

ClientSampleId :

WC-1

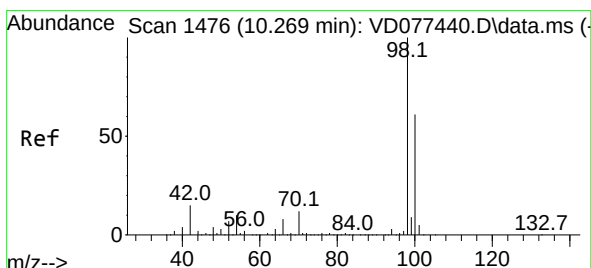
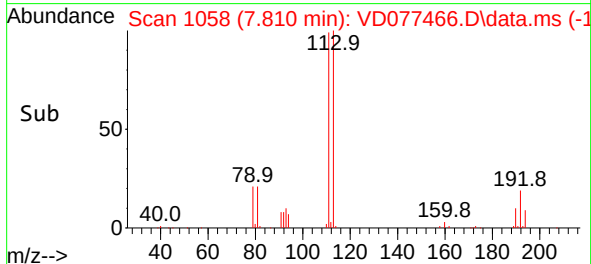
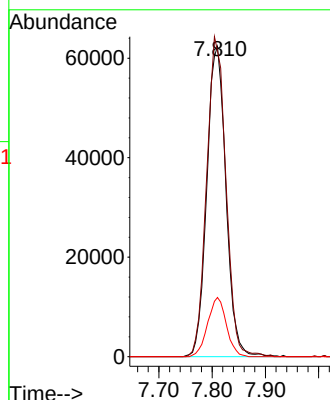
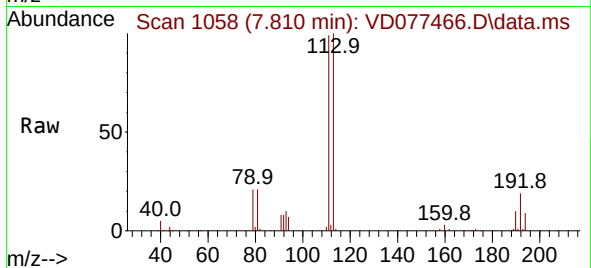
Tgt Ion:113 Resp: 155271

Ion Ratio Lower Upper

113 100

111 104.2 84.7 127.1

192 18.7 16.8 25.2



#50

Toluene-d8

Concen: 45.696 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD077466.D

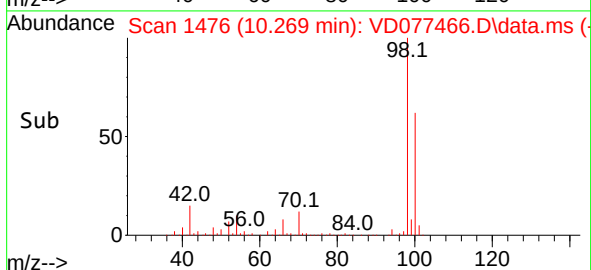
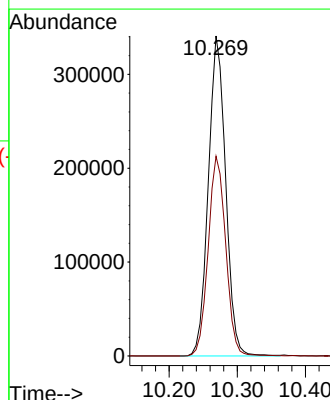
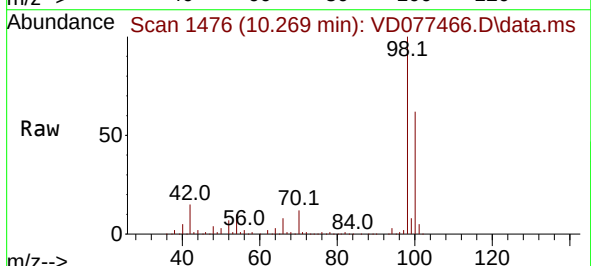
Acq: 31 Oct 2023 17:37

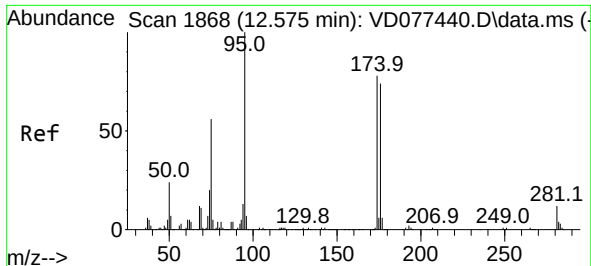
Tgt Ion: 98 Resp: 602915

Ion Ratio Lower Upper

98 100

100 63.2 50.3 75.5

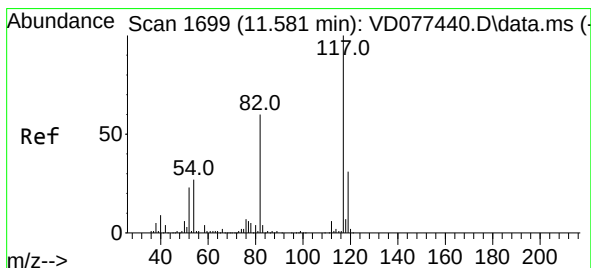
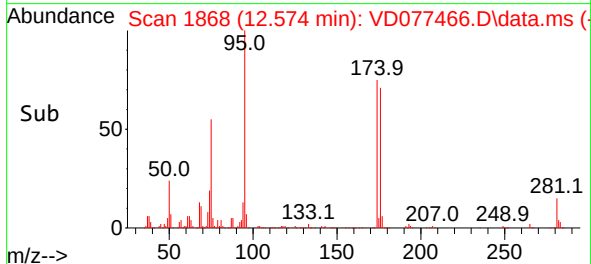
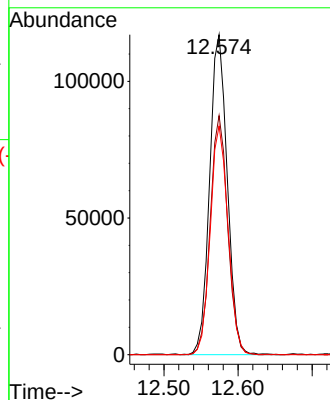
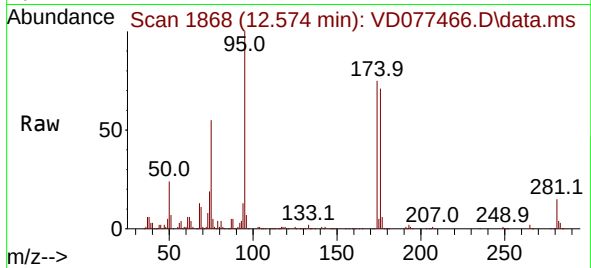




#62
4-Bromofluorobenzene
Concen: 43.604 ug/l
RT: 12.574 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077466.D
Acq: 31 Oct 2023 17:37

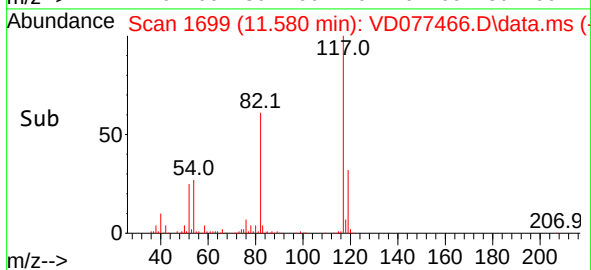
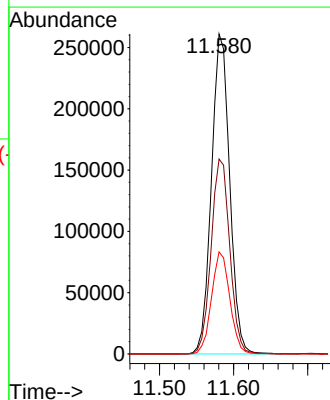
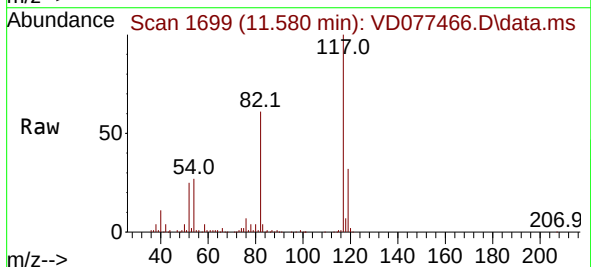
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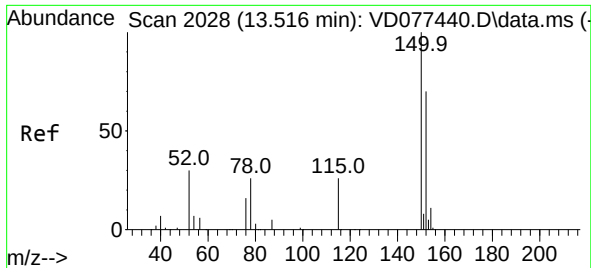
Tgt Ion: 95 Resp: 193770
Ion Ratio Lower Upper
95 100
174 73.8 0.0 201.8
176 71.9 0.0 191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.580 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD077466.D
Acq: 31 Oct 2023 17:37

Tgt Ion:117 Resp: 446298
Ion Ratio Lower Upper
117 100
82 60.9 38.3 57.5#
119 31.9 25.0 37.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.522 min Scan# 20

Delta R.T. 0.006 min

Lab File: VD077466.D

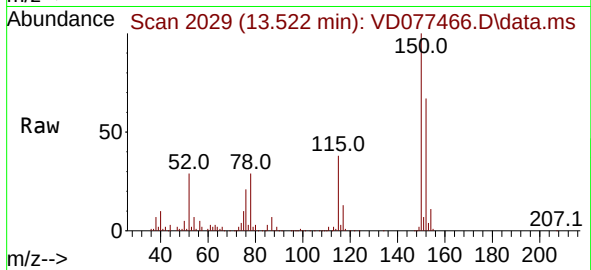
Acq: 31 Oct 2023 17:37

Instrument :

MSVOA_D

ClientSampleId :

WC-1



Tgt Ion:152 Resp: 119327

Ion Ratio Lower Upper

152 100

115 58.0 27.1 81.3

150 151.7 0.0 353.6

