

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD103123\
 Data File : VD077467.D
 Acq On : 31 Oct 2023 18:04
 Operator : JC/SY
 Sample : 05141-06
 Misc : 5.02G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PE-1D

Quant Time: Nov 01 06:10:20 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)

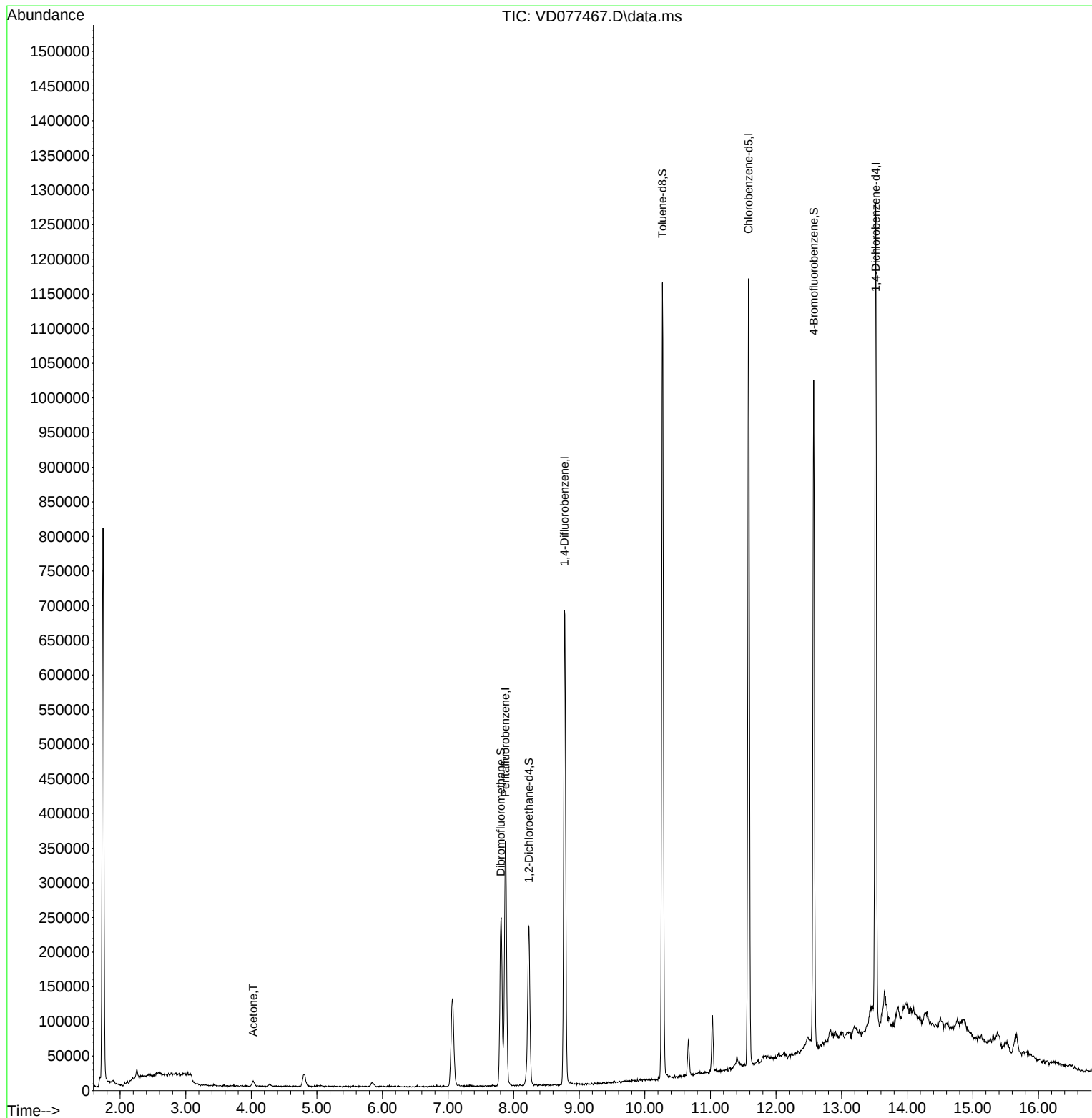
Internal Standards						
1) Pentafluorobenzene	7.875	168	258445	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	561172	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	596857	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	297680	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	180736	49.455	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.920%
35) Dibromofluoromethane	7.805	113	178183	45.940	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.880%
50) Toluene-d8	10.269	98	762907	50.639	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.280%
62) 4-Bromofluorobenzene	12.575	95	296388	58.411	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	116.820%
Target Compounds						
16) Acetone	4.028	43	13468	13.927	ug/l	# 75

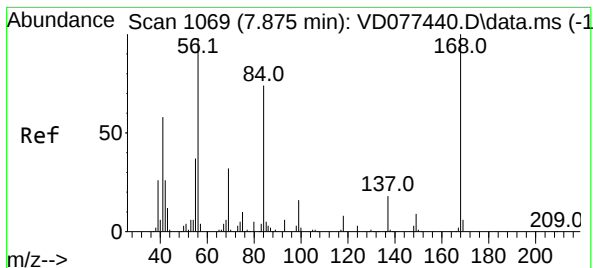
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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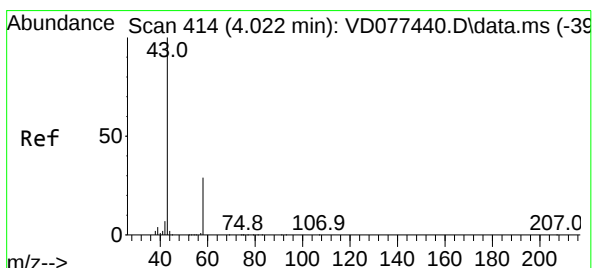
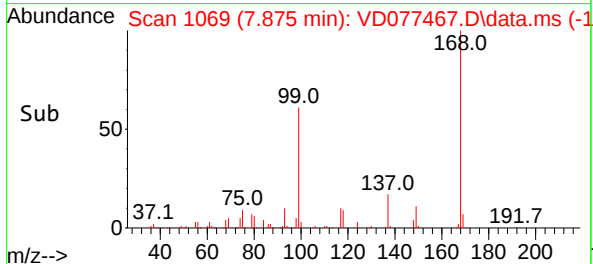
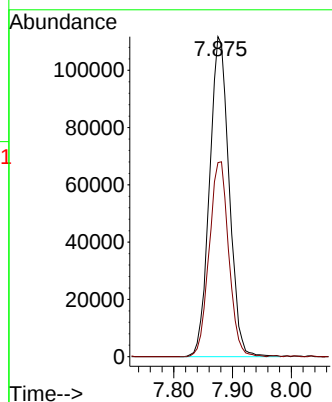
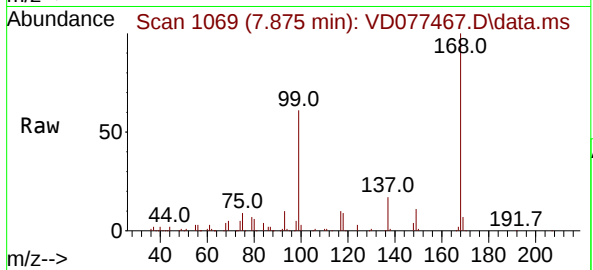




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD077467.D
Acq: 31 Oct 2023 18:04

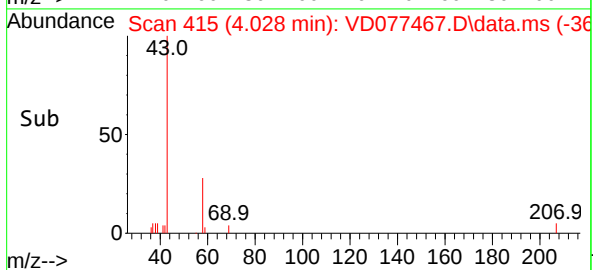
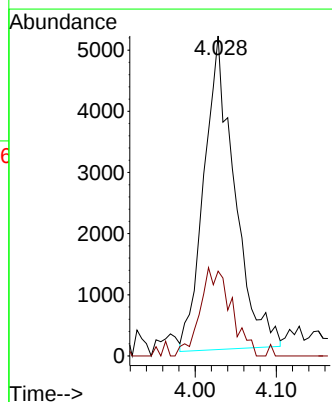
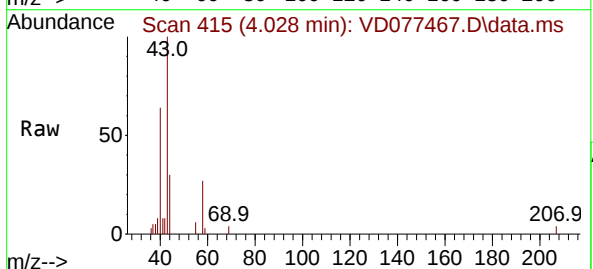
Instrument :
MSVOA_D
ClientSampleId :
PE-1D

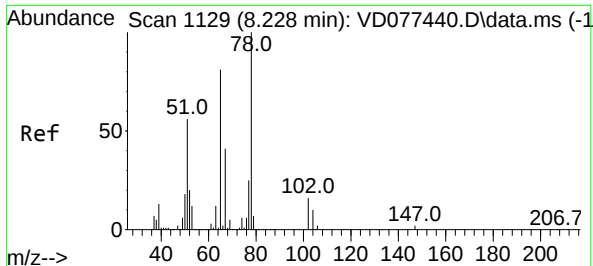
Tgt Ion:168 Resp: 258445
Ion Ratio Lower Upper
168 100
99 60.6 36.7 55.1#



#16
Acetone
Concen: 13.927 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.006 min
Lab File: VD077467.D
Acq: 31 Oct 2023 18:04

Tgt Ion: 43 Resp: 13468
Ion Ratio Lower Upper
43 100
58 27.6 34.7 52.1#





#33

1,2-Dichloroethane-d4

Concen: 49.455 ug/l

RT: 8.234 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VD077467.D

Acq: 31 Oct 2023 18:04

Instrument :

MSVOA_D

ClientSampleId :

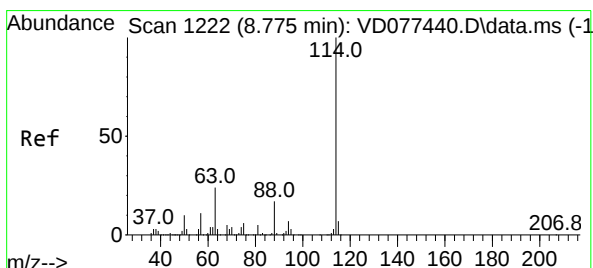
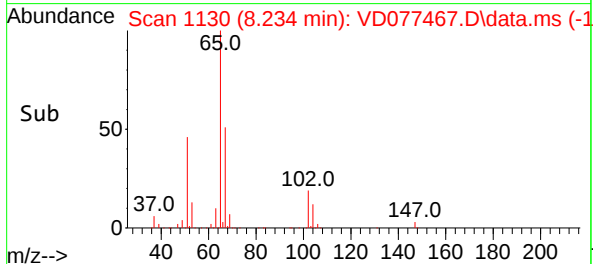
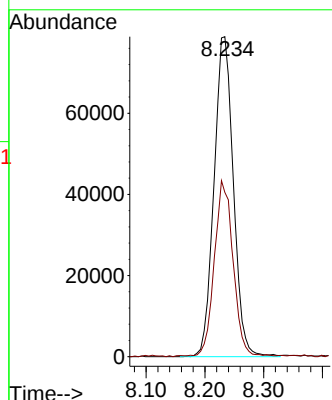
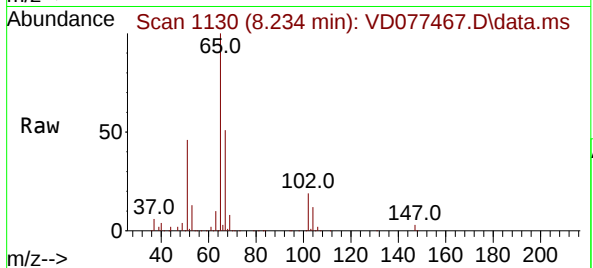
PE-1D

Tgt Ion: 65 Resp: 180736

Ion Ratio Lower Upper

65 100

67 52.4 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: VD077467.D

Acq: 31 Oct 2023 18:04

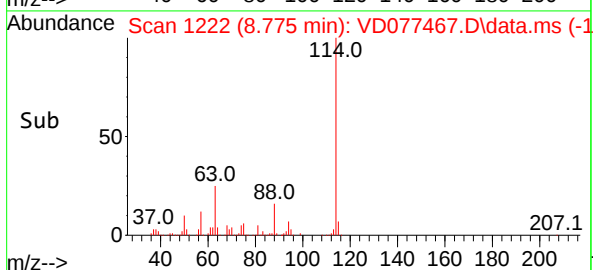
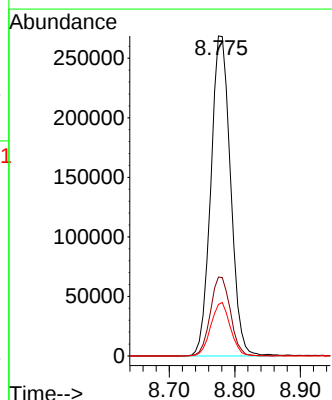
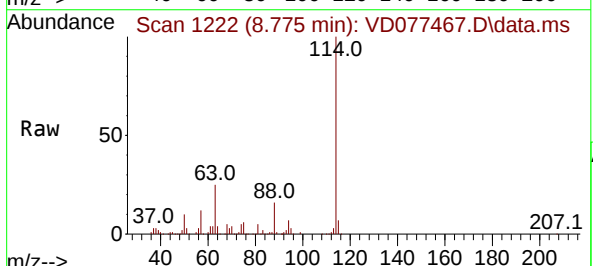
Tgt Ion: 114 Resp: 561172

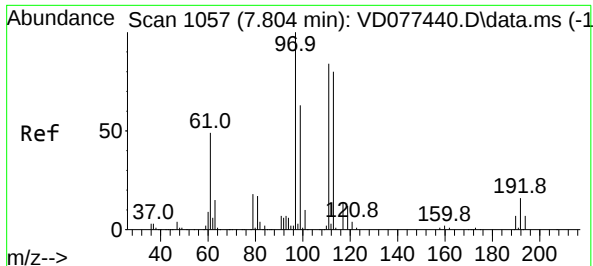
Ion Ratio Lower Upper

114 100

63 24.7 0.0 33.4

88 16.1 0.0 26.2





#35

Dibromofluoromethane

Concen: 45.940 ug/l

RT: 7.805 min Scan# 113

Delta R.T. 0.000 min

Lab File: VD077467.D

Acq: 31 Oct 2023 18:04

Instrument :

MSVOA_D

ClientSampleId :

PE-1D

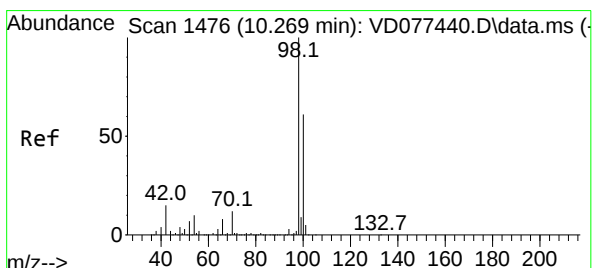
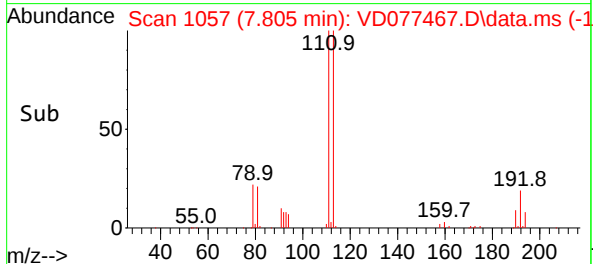
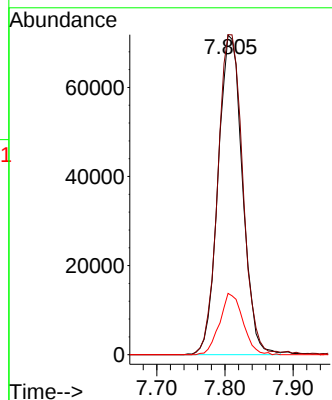
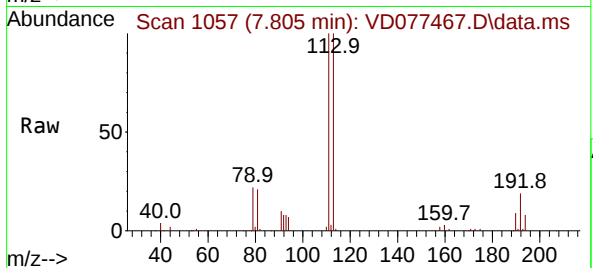
Tgt Ion:113 Resp: 178183

Ion Ratio Lower Upper

113 100

111 103.1 84.7 127.1

192 18.4 16.8 25.2



#50

Toluene-d8

Concen: 50.639 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD077467.D

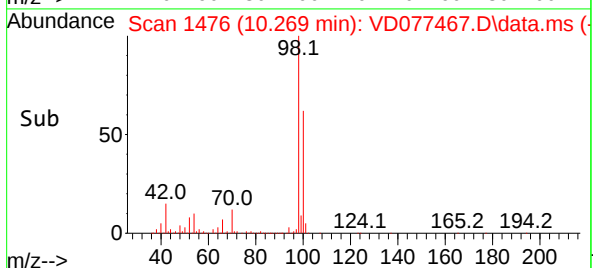
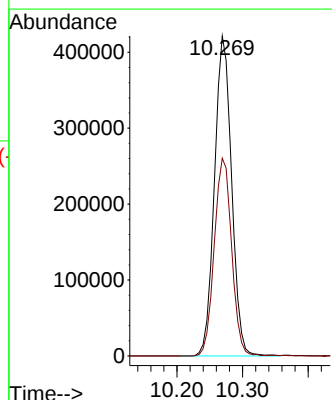
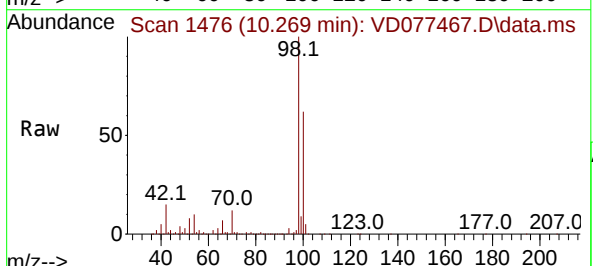
Acq: 31 Oct 2023 18:04

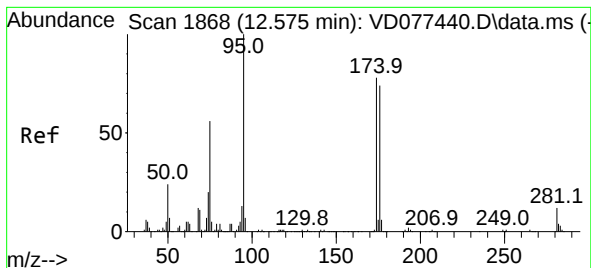
Tgt Ion: 98 Resp: 762907

Ion Ratio Lower Upper

98 100

100 62.7 50.3 75.5

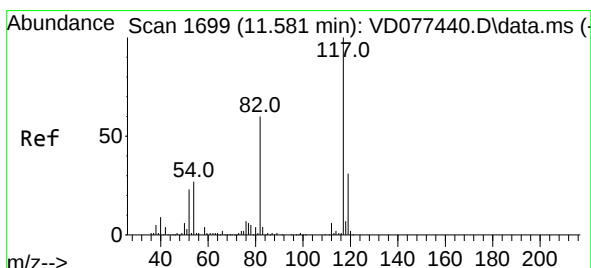
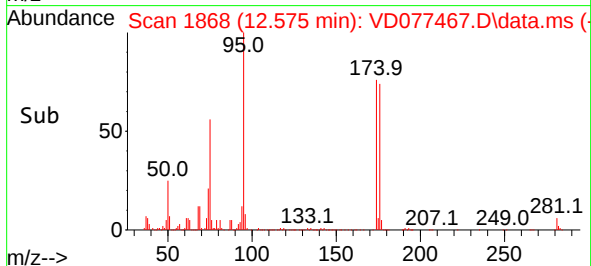
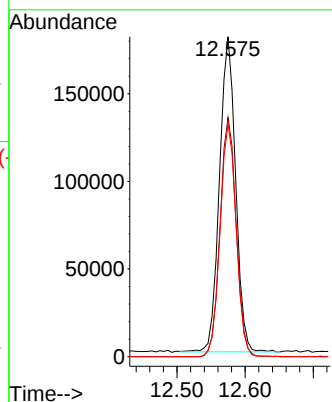
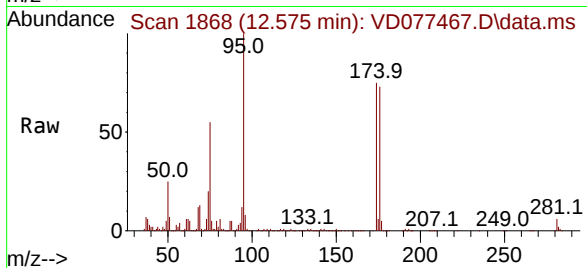




#62
4-Bromofluorobenzene
Concen: 58.411 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD077467.D
Acq: 31 Oct 2023 18:04

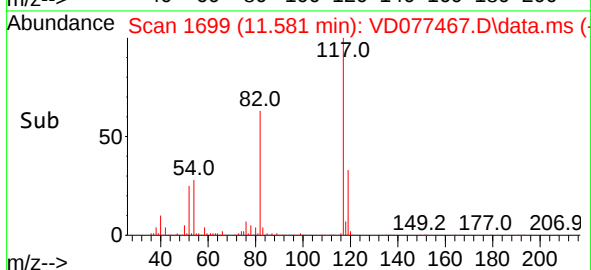
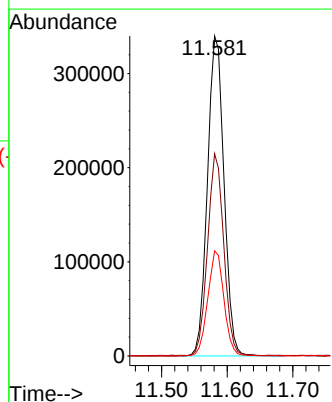
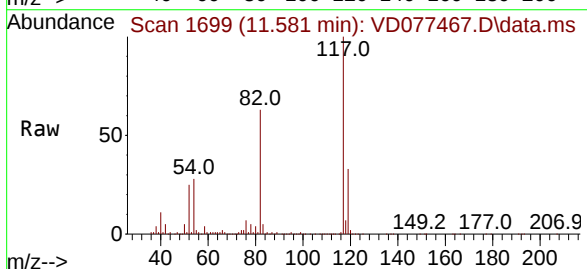
Instrument :
MSVOA_D
ClientSampleId :
PE-1D

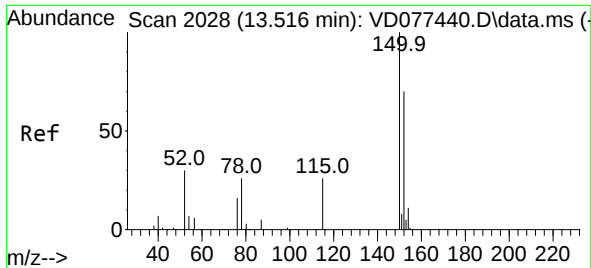
Tgt Ion: 95 Resp: 296388
Ion Ratio Lower Upper
95 100
174 75.6 0.0 201.8
176 73.2 0.0 191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD077467.D
Acq: 31 Oct 2023 18:04

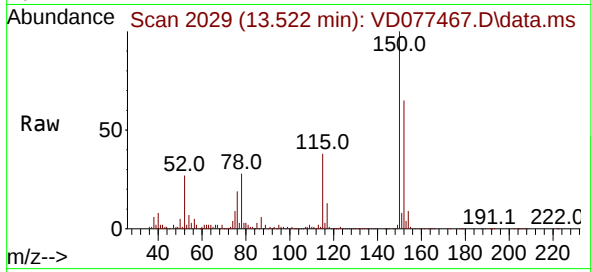
Tgt Ion: 117 Resp: 596857
Ion Ratio Lower Upper
117 100
82 63.0 38.3 57.5#
119 32.8 25.0 37.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.522 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VD077467.D
 Acq: 31 Oct 2023 18:04

Instrument :
 MSVOA_D
 ClientSampleId :
 PE-1D



Tgt Ion:152 Resp: 297680

Ion	Ratio	Lower	Upper
152	100		
115	61.2	27.1	81.3
150	156.2	0.0	353.6

