

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD103123\
 Data File : VD077464.D
 Acq On : 31 Oct 2023 16:42
 Operator : JC/SY
 Sample : 05162-01
 Misc : 5.01G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HD-01-10302023

Quant Time: Nov 01 06:09:12 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)

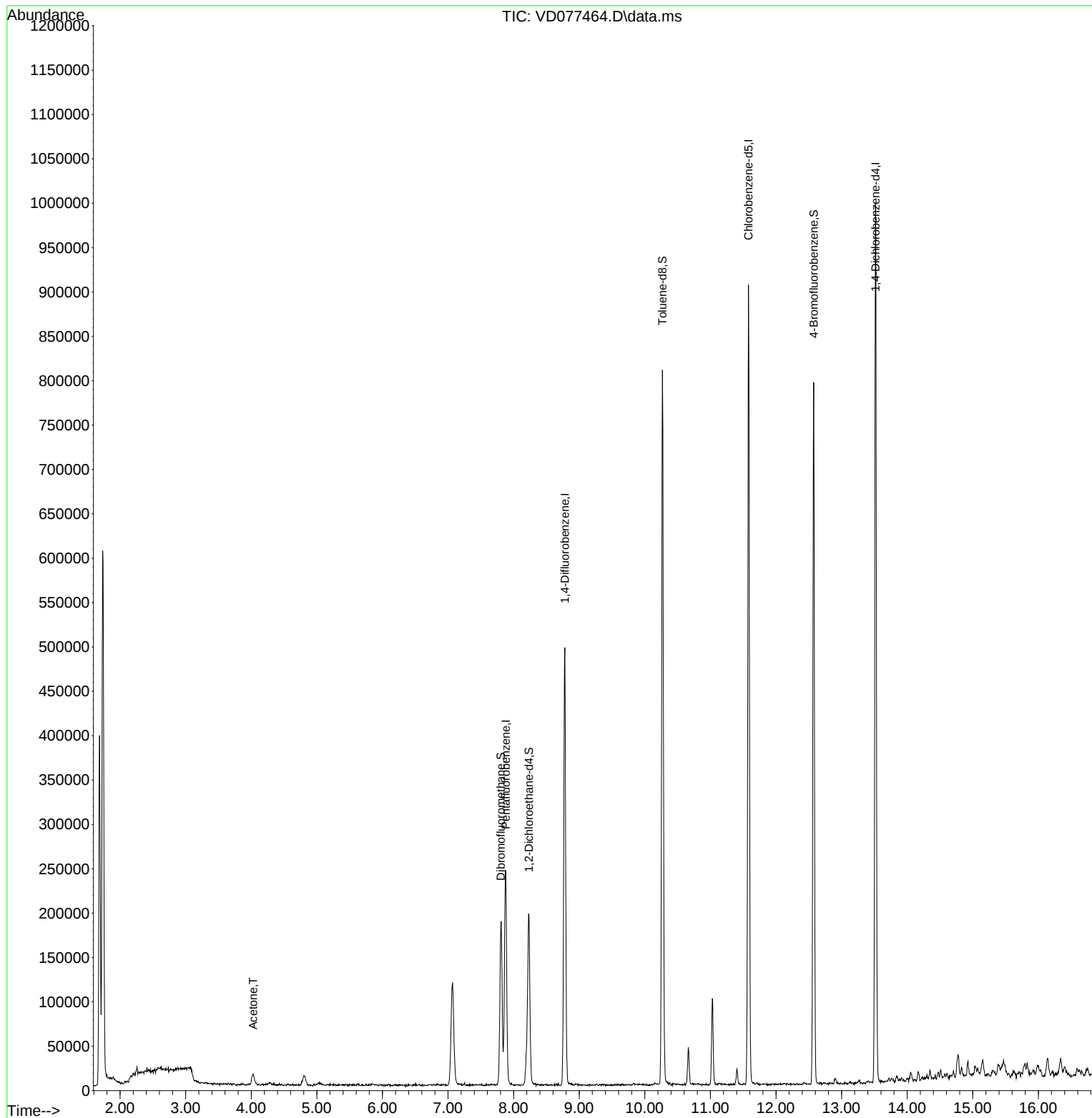
Internal Standards						
1) Pentafluorobenzene	7.881	168	177177	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	399236	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	458237	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	241994	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	146570	58.502	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.000%
35) Dibromofluoromethane	7.805	113	132446	47.999	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.000%
50) Toluene-d8	10.269	98	535457	49.958	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.920%
62) 4-Bromofluorobenzene	12.575	95	242254	67.108	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	134.220%
Target Compounds						
16) Acetone	4.028	43	21943	33.099	ug/l	# 77

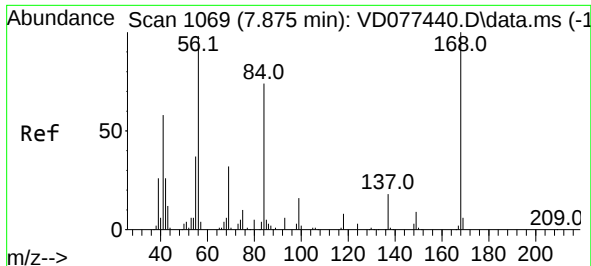
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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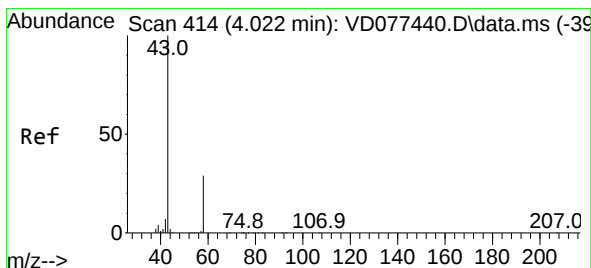
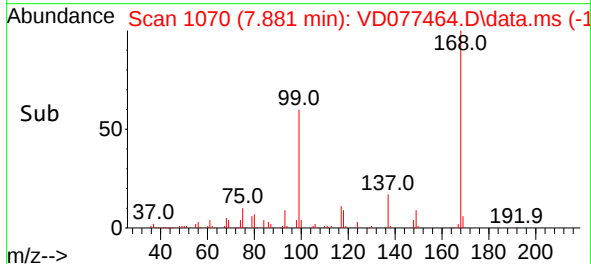
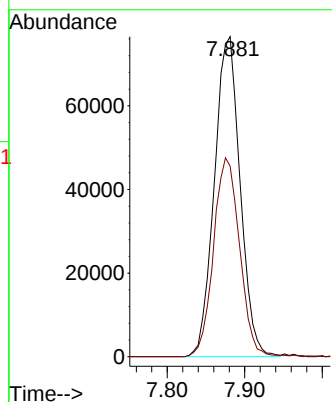
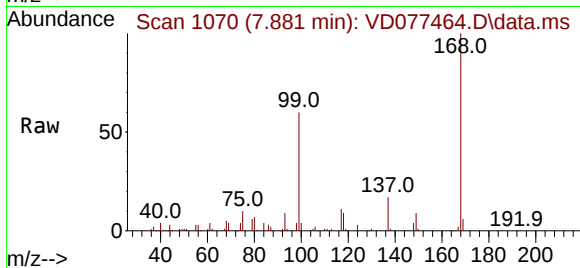




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD077464.D
Acq: 31 Oct 2023 16:42

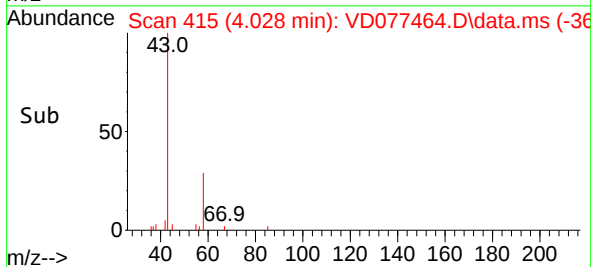
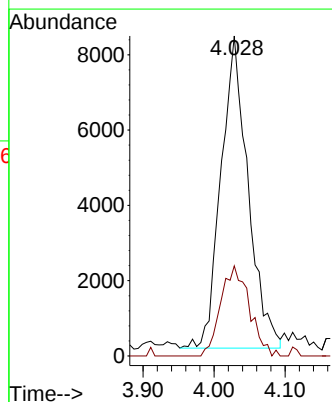
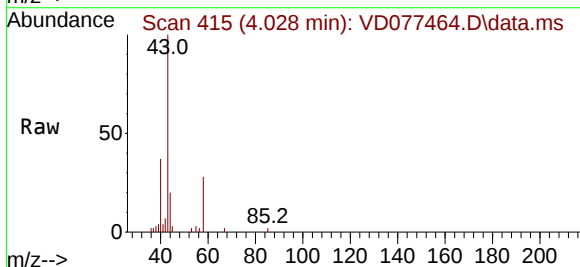
Instrument :
MSVOA_D
ClientSampleId :
HD-01-10302023

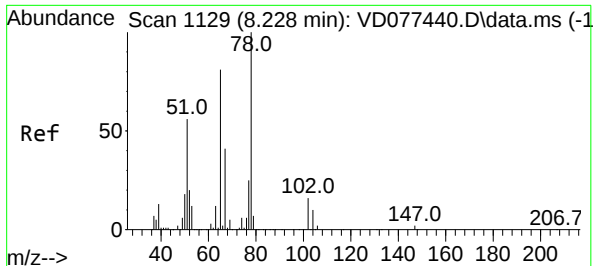
Tgt Ion:168 Resp: 177177
Ion Ratio Lower Upper
168 100
99 59.5 36.7 55.1#



#16
Acetone
Concen: 33.099 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.006 min
Lab File: VD077464.D
Acq: 31 Oct 2023 16:42

Tgt Ion: 43 Resp: 21943
Ion Ratio Lower Upper
43 100
58 28.9 34.7 52.1#





#33

1,2-Dichloroethane-d4

Concen: 58.502 ug/l

RT: 8.234 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VD077464.D

Acq: 31 Oct 2023 16:42

Instrument :

MSVOA_D

ClientSampleId :

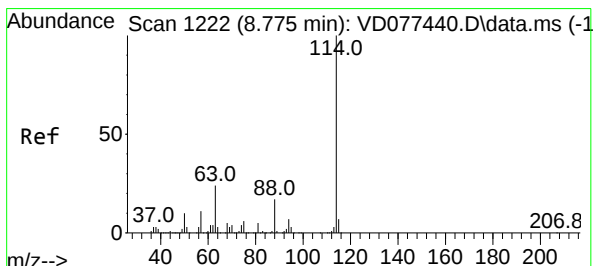
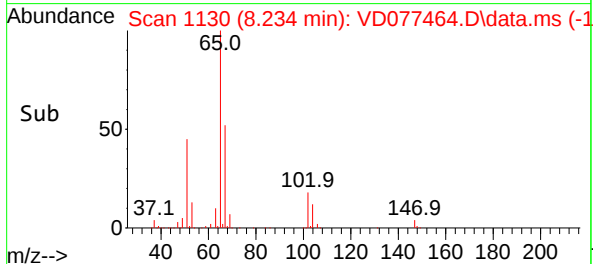
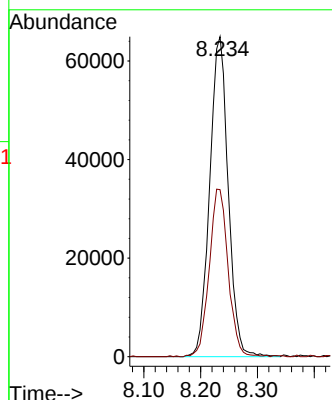
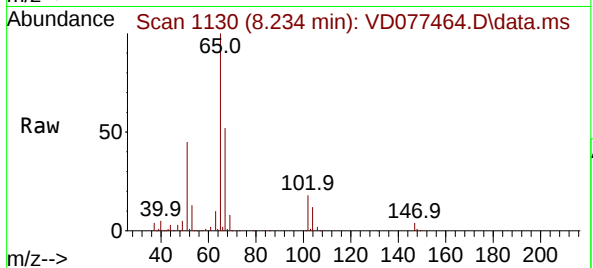
HD-01-10302023

Tgt Ion: 65 Resp: 146570

Ion Ratio Lower Upper

65 100

67 53.4 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: VD077464.D

Acq: 31 Oct 2023 16:42

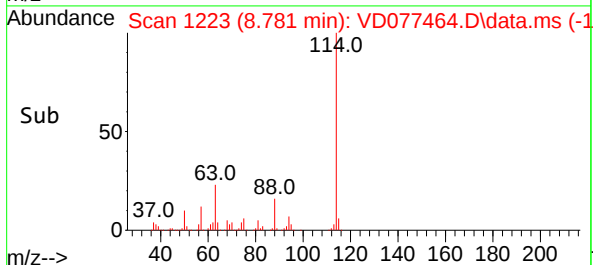
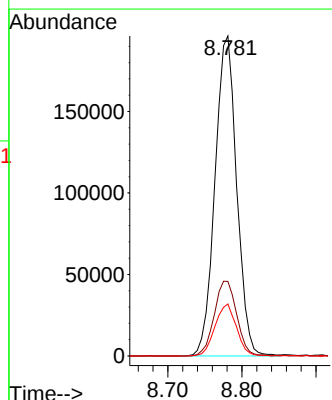
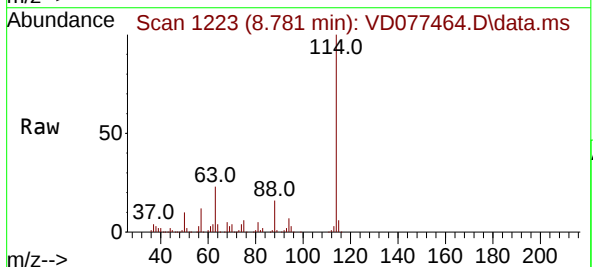
Tgt Ion: 114 Resp: 399236

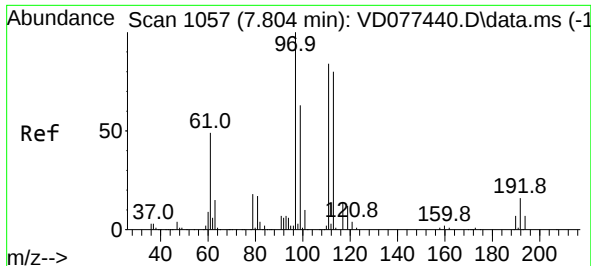
Ion Ratio Lower Upper

114 100

63 23.3 0.0 33.4

88 16.2 0.0 26.2

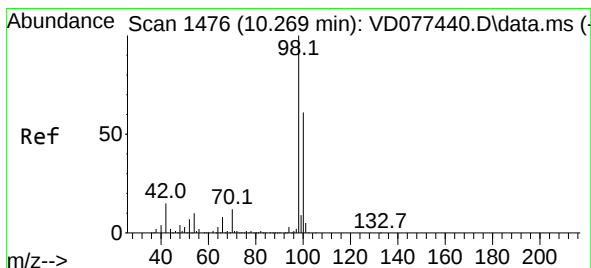
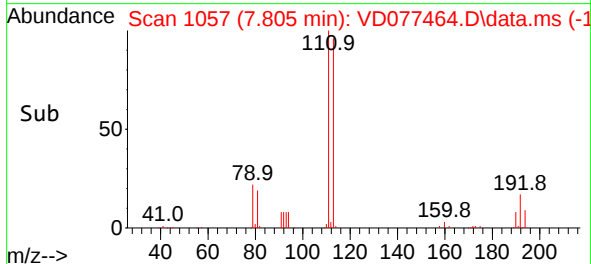
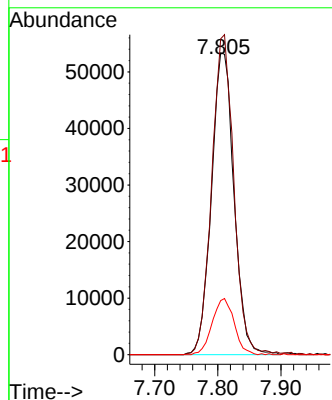
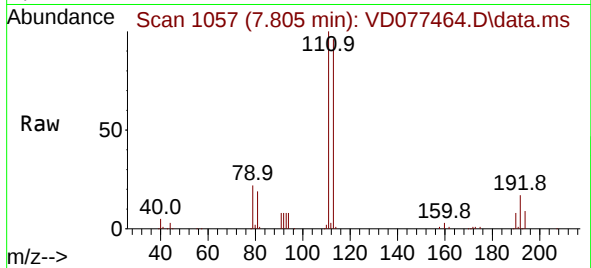




#35
Dibromofluoromethane
Concen: 47.999 ug/l
RT: 7.805 min Scan# 113
Delta R.T. 0.000 min
Lab File: VD077464.D
Acq: 31 Oct 2023 16:42

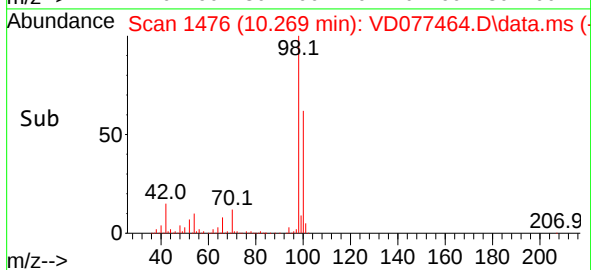
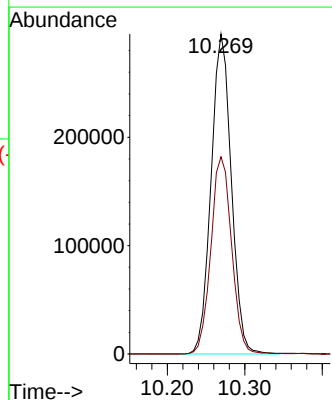
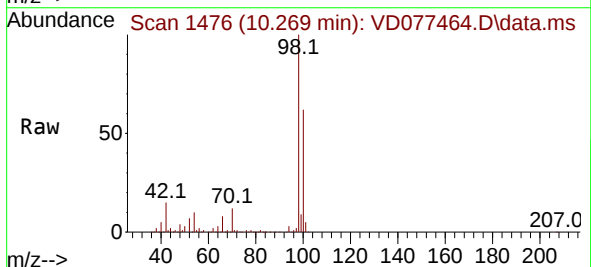
Instrument :
MSVOA_D
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HD-01-10302023

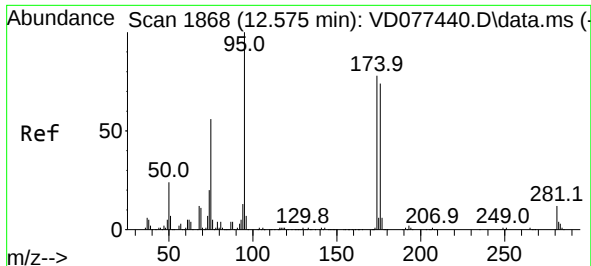
Tgt Ion:113 Resp: 132446
Ion Ratio Lower Upper
113 100
111 104.0 84.7 127.1
192 18.1 16.8 25.2



#50
Toluene-d8
Concen: 49.958 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD077464.D
Acq: 31 Oct 2023 16:42

Tgt Ion: 98 Resp: 535457
Ion Ratio Lower Upper
98 100
100 63.1 50.3 75.5

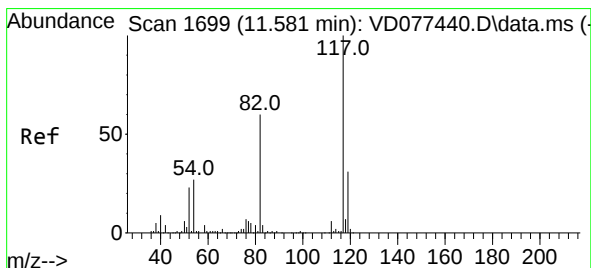
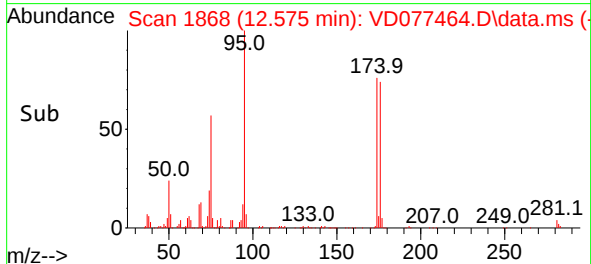
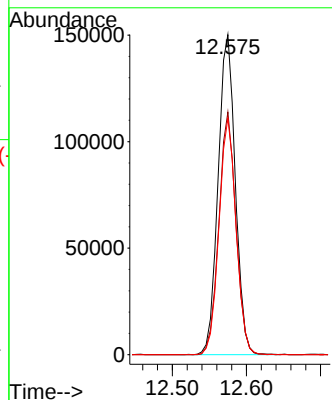
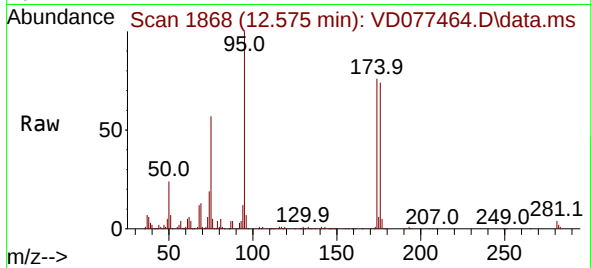




#62
4-Bromofluorobenzene
Concen: 67.108 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD077464.D
Acq: 31 Oct 2023 16:42

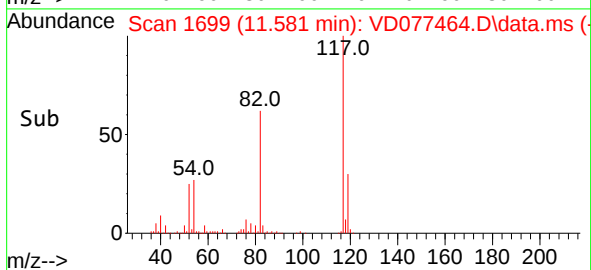
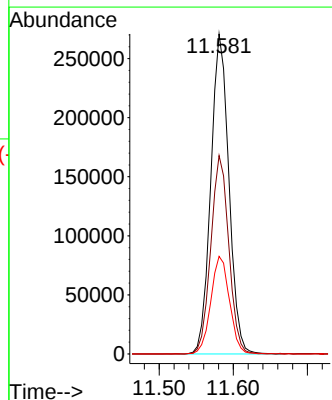
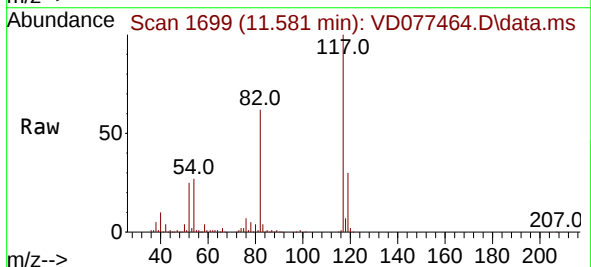
Instrument :
MSVOA_D
ClientSampleId :
HD-01-10302023

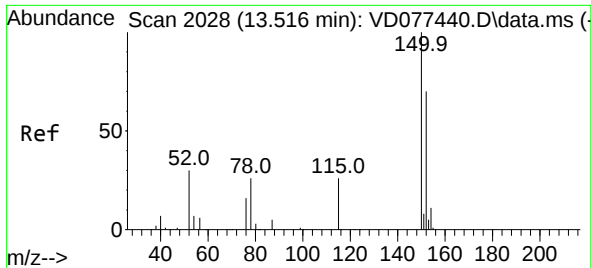
Tgt Ion: 95 Resp: 242254
Ion Ratio Lower Upper
95 100
174 75.0 0.0 201.8
176 73.2 0.0 191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD077464.D
Acq: 31 Oct 2023 16:42

Tgt Ion: 117 Resp: 458237
Ion Ratio Lower Upper
117 100
82 62.0 38.3 57.5#
119 30.5 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: VD077464.D

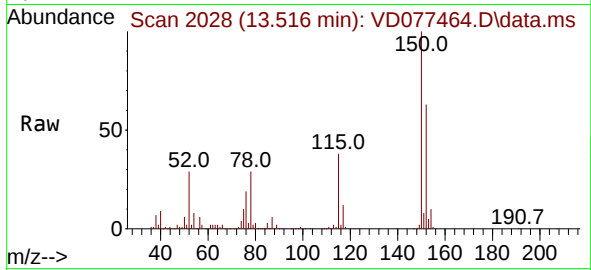
Acq: 31 Oct 2023 16:42

Instrument :

MSVOA_D

ClientSampleId :

HD-01-10302023



Tgt Ion:152 Resp: 241994

Ion Ratio Lower Upper

152 100

115 61.0 27.1 81.3

150 157.5 0.0 353.6

