

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD103123\
 Data File : VD077463.D
 Acq On : 31 Oct 2023 16:15
 Operator : JC/SY
 Sample : 05169-01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SU-02-10302023

Quant Time: Nov 01 06:08:51 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)

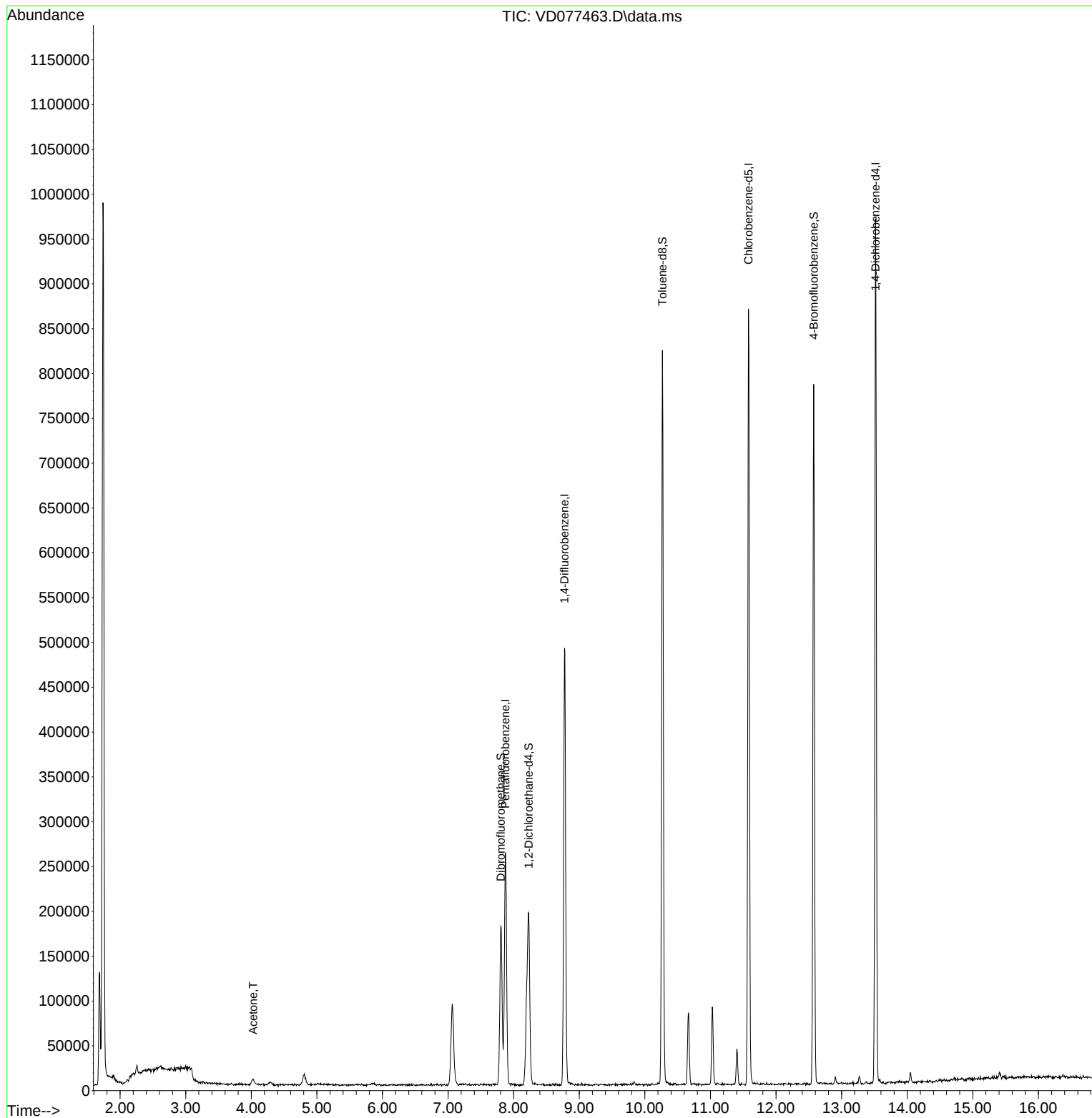
Internal Standards						
1) Pentafluorobenzene	7.875	168	189167	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	403844	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.580	117	454870	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	237317	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	134319	50.214	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.420%	
35) Dibromofluoromethane	7.804	113	129567	46.420	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 92.840%	
50) Toluene-d8	10.269	98	530173	48.901	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 97.800%	
62) 4-Bromofluorobenzene	12.575	95	236065	64.647	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 129.300%	
Target Compounds						
16) Acetone	4.028	43	11852	16.745	ug/l	# 70

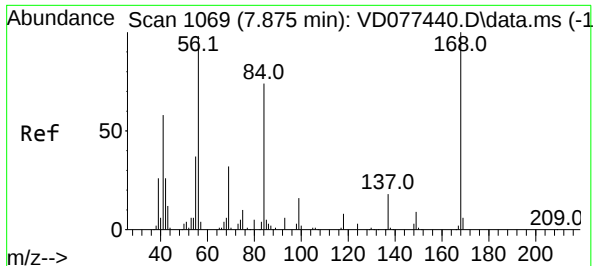
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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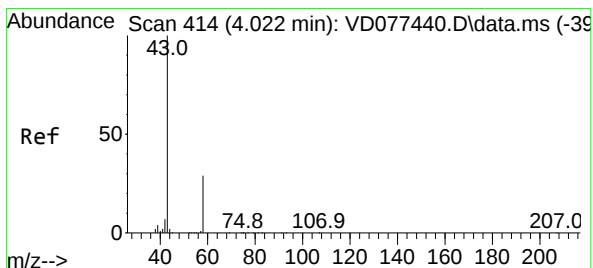
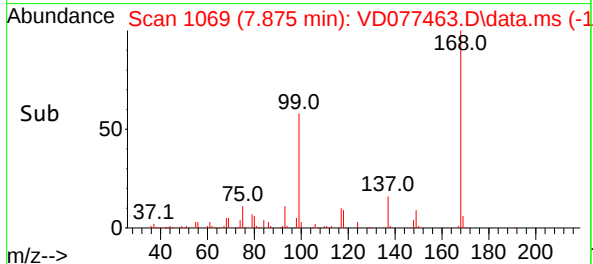
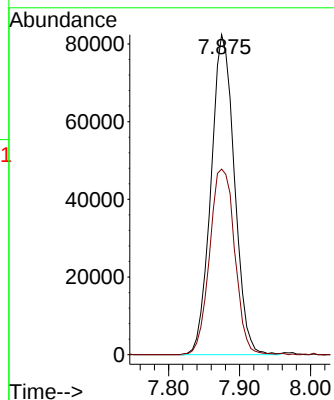
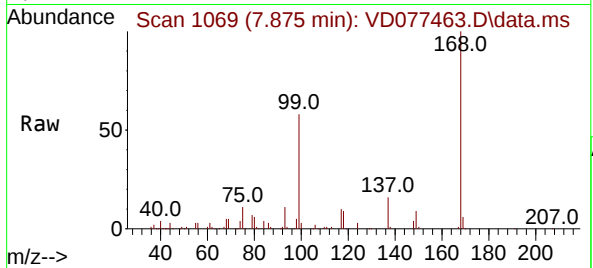




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD077463.D
Acq: 31 Oct 2023 16:15

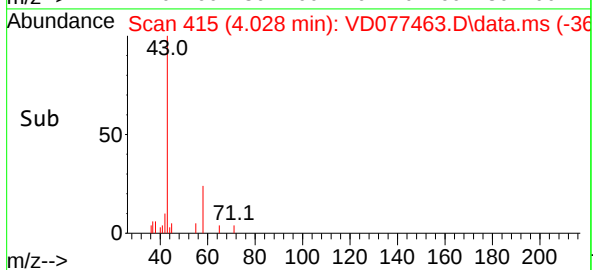
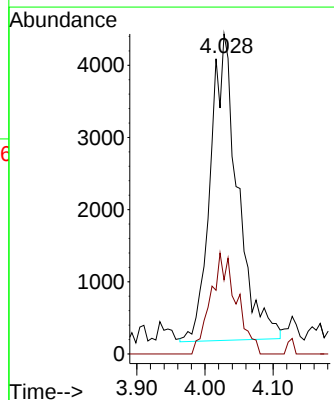
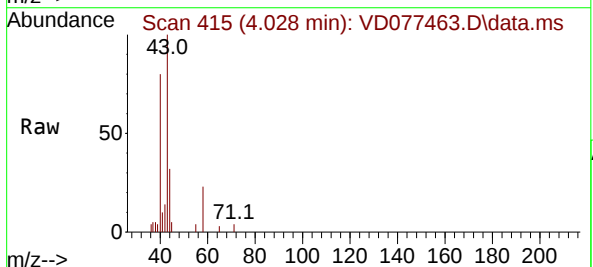
Instrument :
MSVOA_D
ClientSampleId :
SU-02-10302023

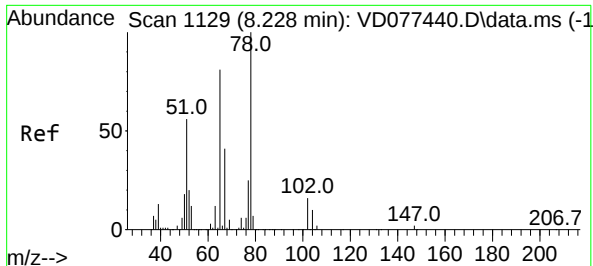
Tgt Ion:168 Resp: 189167
Ion Ratio Lower Upper
168 100
99 58.0 36.7 55.1#



#16
Acetone
Concen: 16.745 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.006 min
Lab File: VD077463.D
Acq: 31 Oct 2023 16:15

Tgt Ion: 43 Resp: 11852
Ion Ratio Lower Upper
43 100
58 24.3 34.7 52.1#





#33

1,2-Dichloroethane-d4

Concen: 50.214 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD077463.D

Acq: 31 Oct 2023 16:15

Instrument :

MSVOA_D

ClientSampleId :

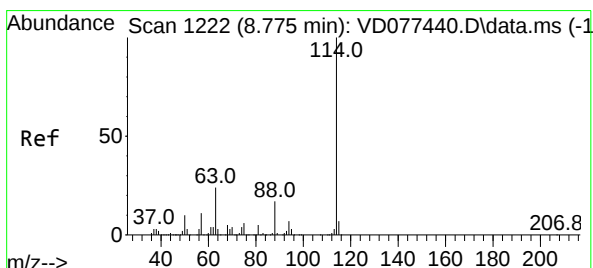
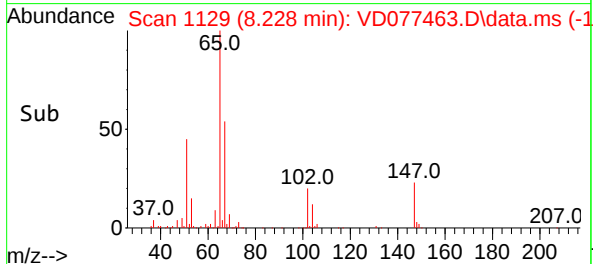
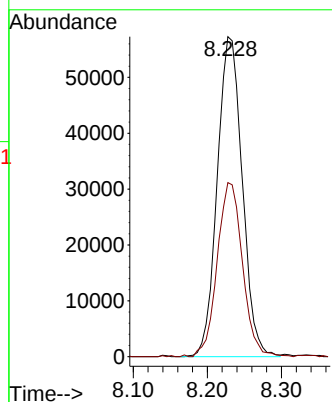
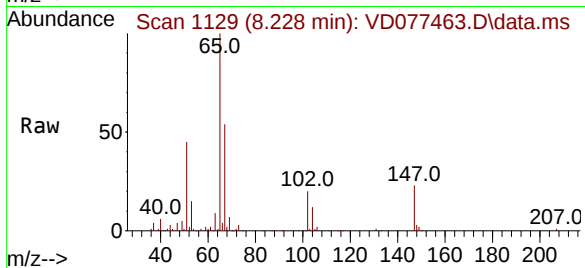
SU-02-10302023

Tgt Ion: 65 Resp: 134319

Ion Ratio Lower Upper

65 100

67 55.0 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: VD077463.D

Acq: 31 Oct 2023 16:15

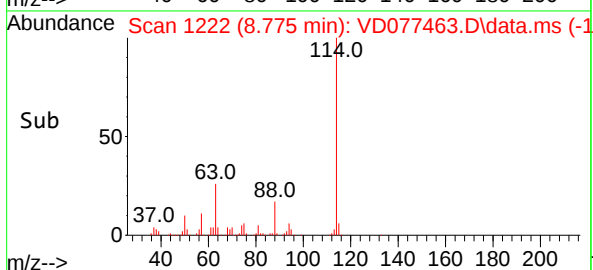
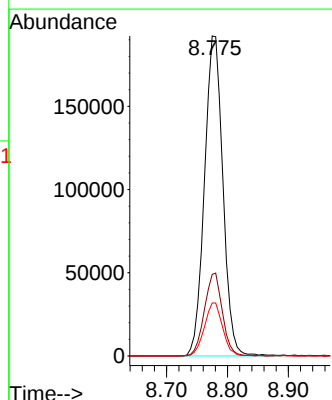
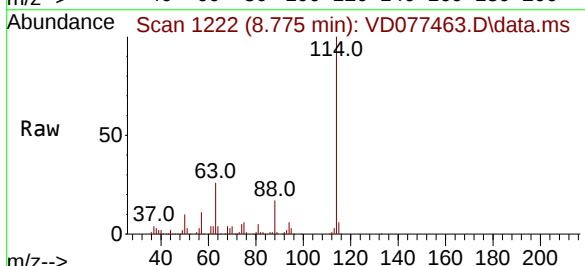
Tgt Ion: 114 Resp: 403844

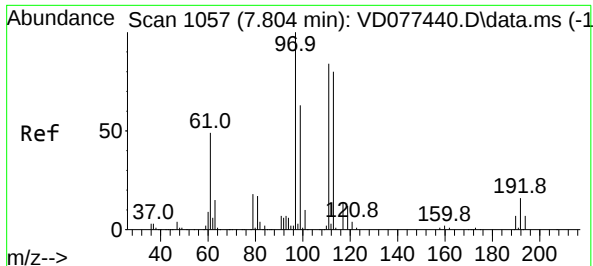
Ion Ratio Lower Upper

114 100

63 25.5 0.0 33.4

88 16.6 0.0 26.2

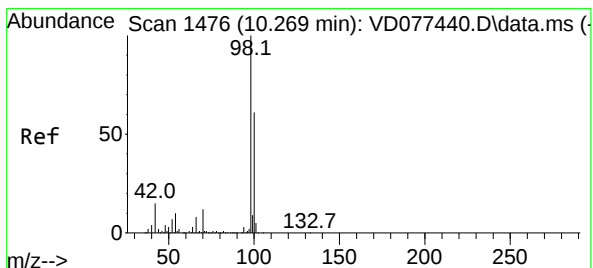
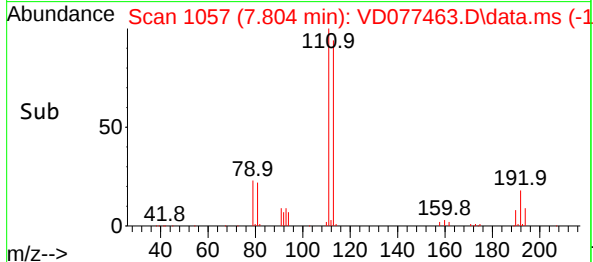
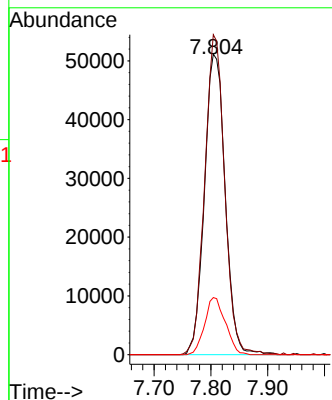
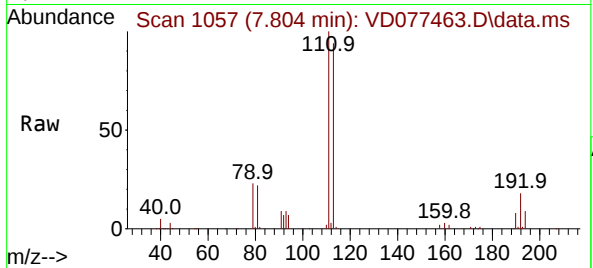




#35
Dibromofluoromethane
Concen: 46.420 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD077463.D
Acq: 31 Oct 2023 16:15

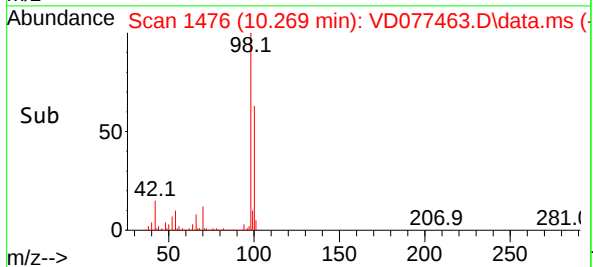
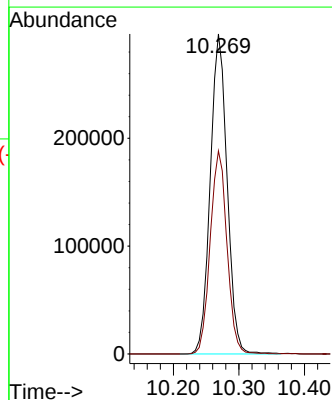
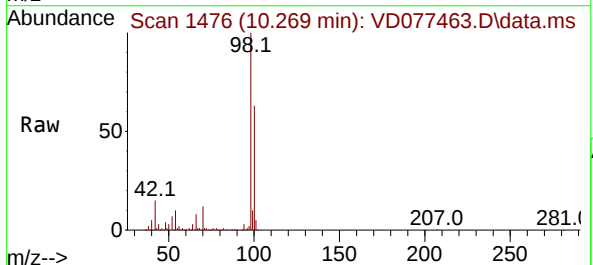
Instrument :
MSVOA_D
ClientSampleId :
SU-02-10302023

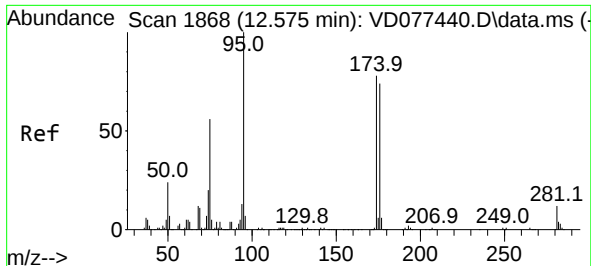
Tgt Ion:113 Resp: 129567
Ion Ratio Lower Upper
113 100
111 102.6 84.7 127.1
192 19.0 16.8 25.2



#50
Toluene-d8
Concen: 48.901 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD077463.D
Acq: 31 Oct 2023 16:15

Tgt Ion: 98 Resp: 530173
Ion Ratio Lower Upper
98 100
100 63.0 50.3 75.5

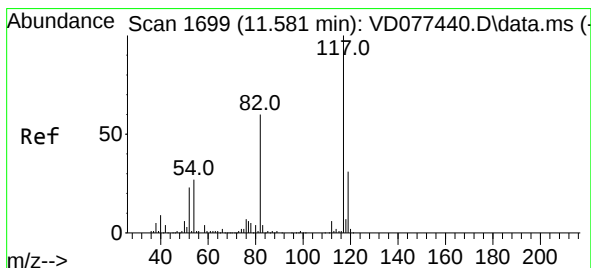
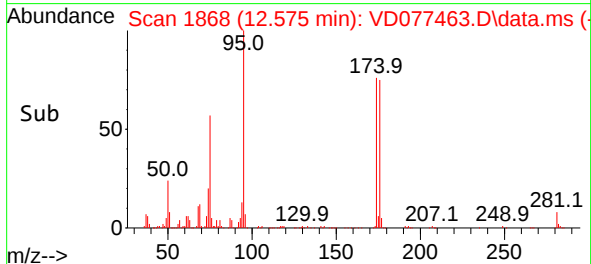
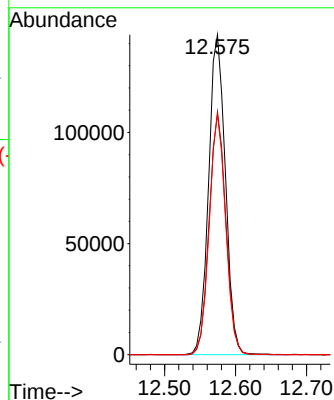
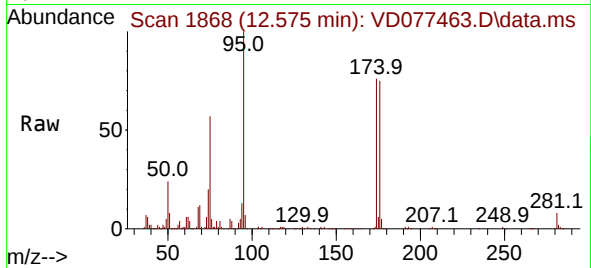




#62
4-Bromofluorobenzene
Concen: 64.647 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077463.D
Acq: 31 Oct 2023 16:15

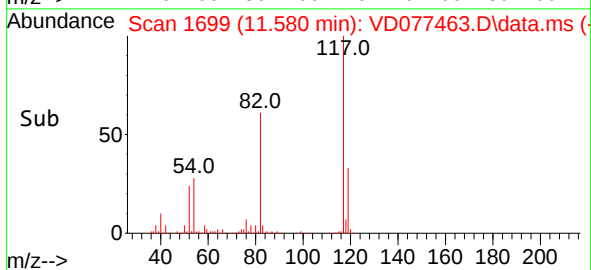
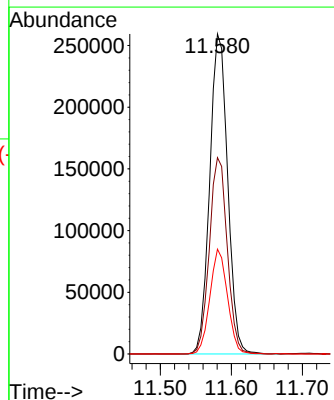
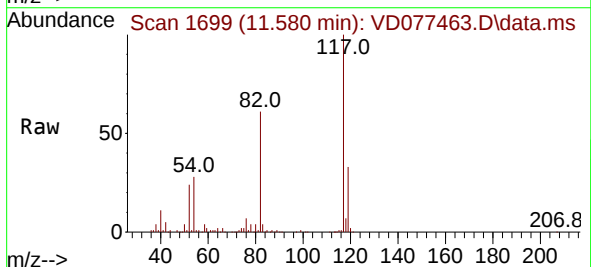
Instrument :
MSVOA_D
ClientSampleId :
SU-02-10302023

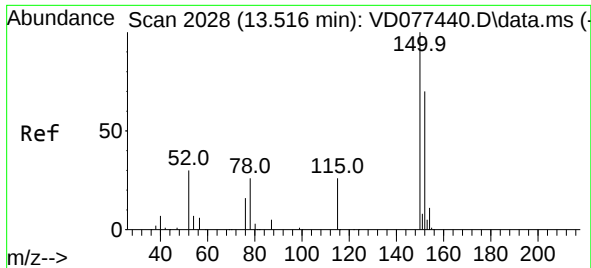
Tgt Ion: 95 Resp: 236065
Ion Ratio Lower Upper
95 100
174 75.4 0.0 201.8
176 73.4 0.0 191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.580 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD077463.D
Acq: 31 Oct 2023 16:15

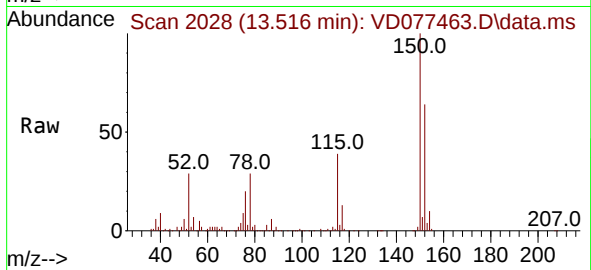
Tgt Ion: 117 Resp: 454870
Ion Ratio Lower Upper
117 100
82 61.3 38.3 57.5#
119 32.8 25.0 37.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VD077463.D
 Acq: 31 Oct 2023 16:15

Instrument :
 MSVOA_D
 ClientSampleId :
 SU-02-10302023



Tgt Ion:152 Resp: 237317

Ion	Ratio	Lower	Upper
152	100		
115	60.2	27.1	81.3
150	155.7	0.0	353.6

