

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060823\
 Data File : VD076381.D
 Acq On : 08 Jun 2023 19:01
 Operator : KP/SY
 Sample : 03074-03
 Misc : 2.33G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 GT-03

Quant Time: Jun 09 01:24:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060523S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 06 02:52:23 2023
 Response via : Initial Calibration

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

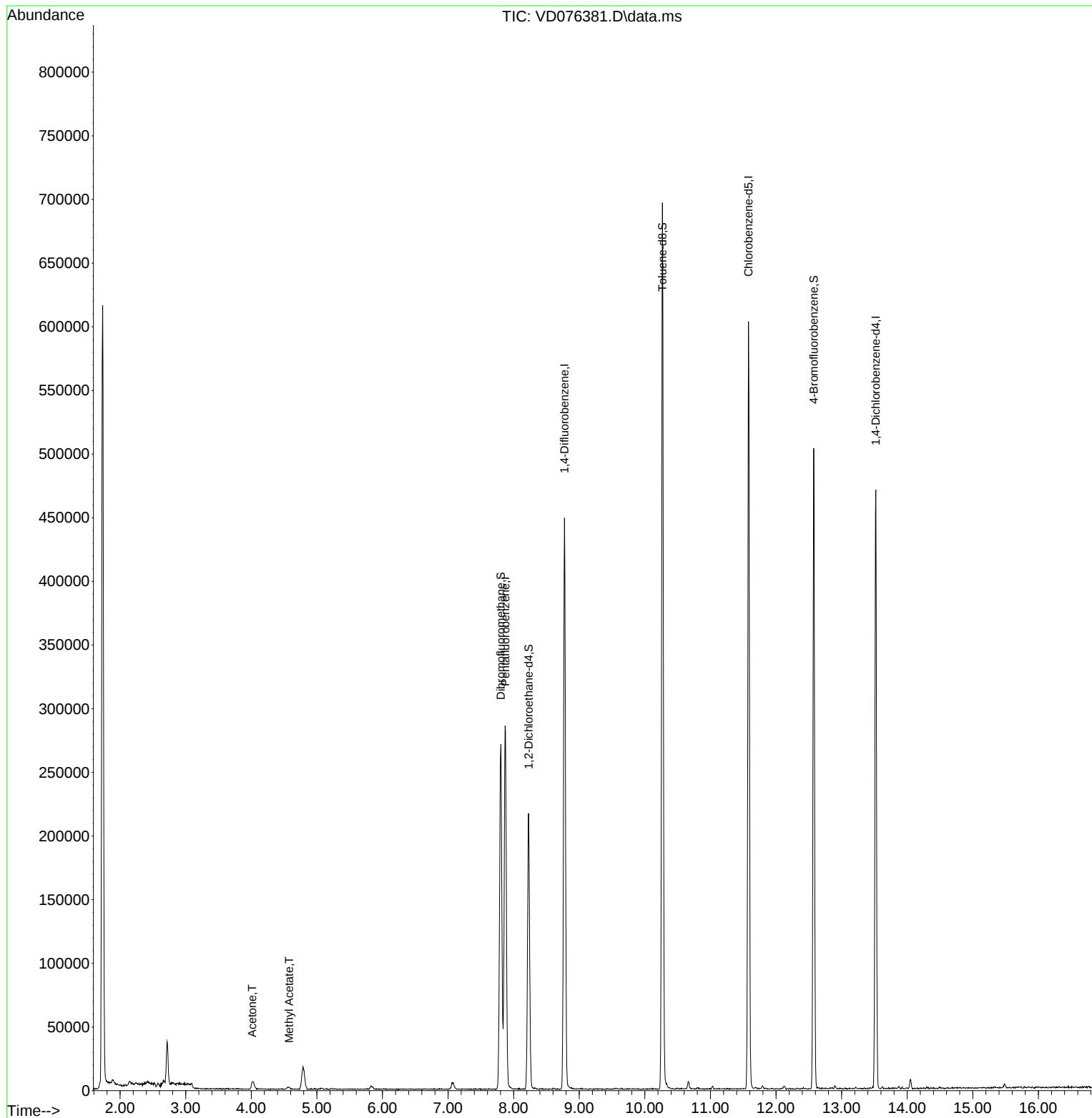
Internal Standards						
1) Pentafluorobenzene	7.875	168	247314	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	440195	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	387023	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	143426	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	160111	72.255	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	144.500%
35) Dibromofluoromethane	7.804	113	198694	71.090	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	142.180%
50) Toluene-d8	10.269	98	513998	46.189	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	92.380%
62) 4-Bromofluorobenzene	12.575	95	147595	50.118	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	100.240%
Target Compounds						
						Qvalue
16) Acetone	4.016	43	11312	27.871	ug/l	95
18) Methyl Acetate	4.575	43	3129	1.818	ug/l	94

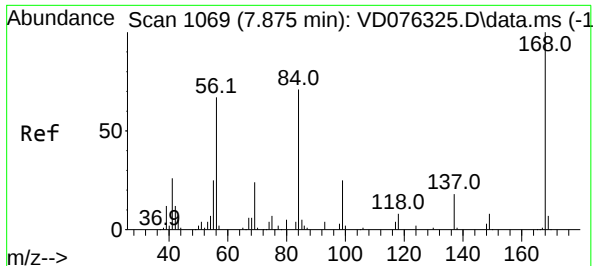
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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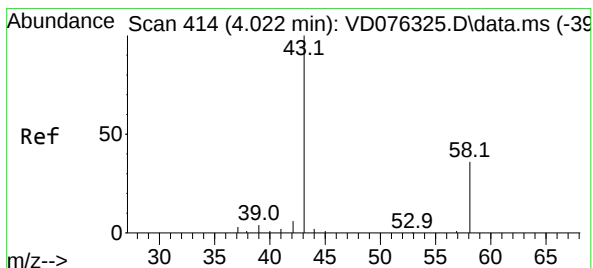
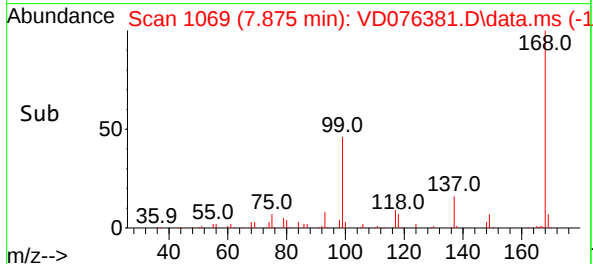
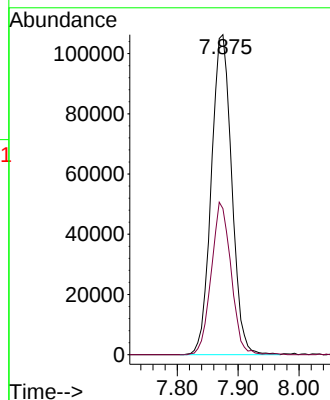
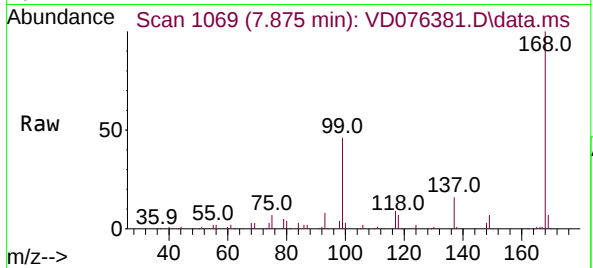




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD076381.D
Acq: 08 Jun 2023 19:01

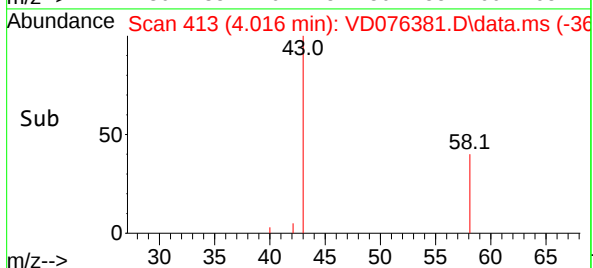
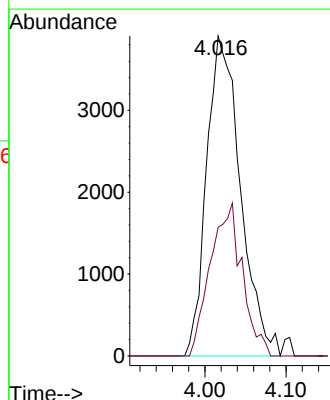
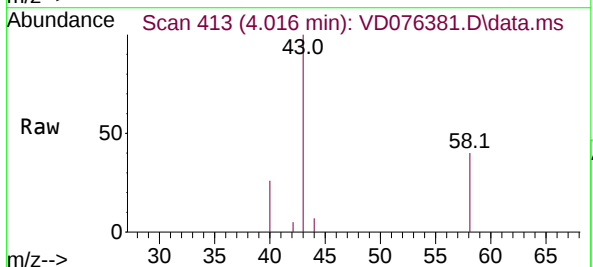
Instrument :
MSVOA_D
ClientSampleId :
GT-03

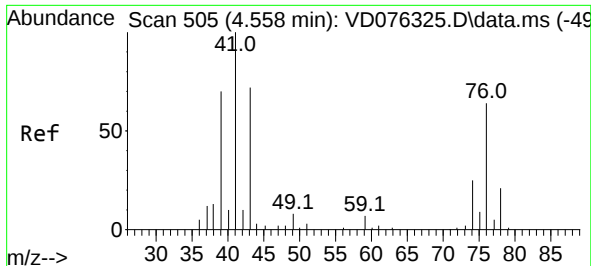
Tgt Ion:168 Resp: 247314
Ion Ratio Lower Upper
168 100
99 45.6 36.7 55.1



#16
Acetone
Concen: 27.871 ug/l
RT: 4.016 min Scan# 413
Delta R.T. -0.006 min
Lab File: VD076381.D
Acq: 08 Jun 2023 19:01

Tgt Ion: 43 Resp: 11312
Ion Ratio Lower Upper
43 100
58 40.2 34.7 52.1

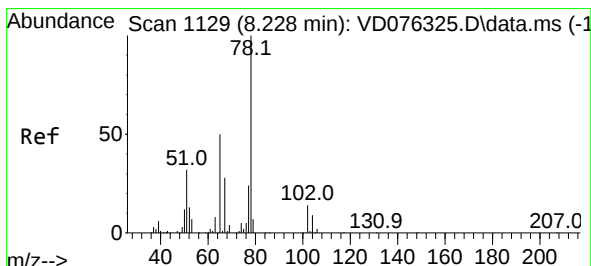
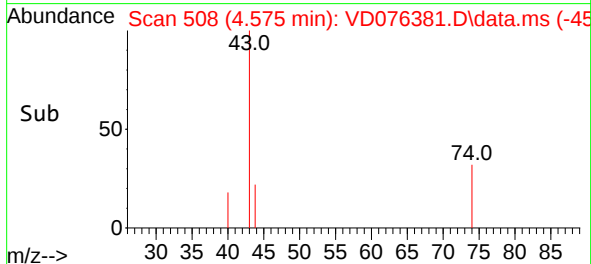
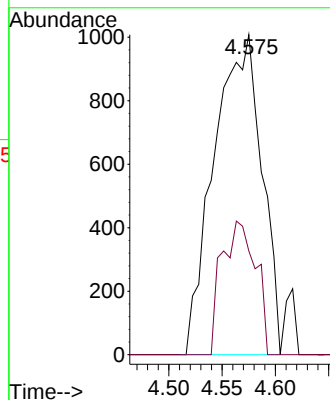
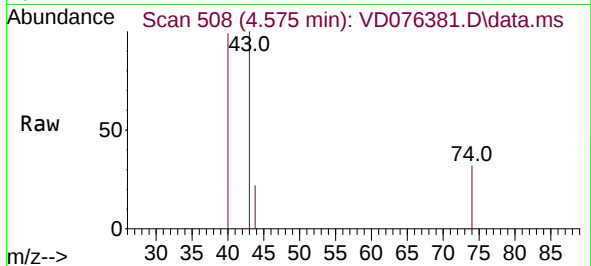




#18
Methyl Acetate
Concen: 1.818 ug/l
RT: 4.575 min Scan# 505
Delta R.T. 0.017 min
Lab File: VD076381.D
Acq: 08 Jun 2023 19:01

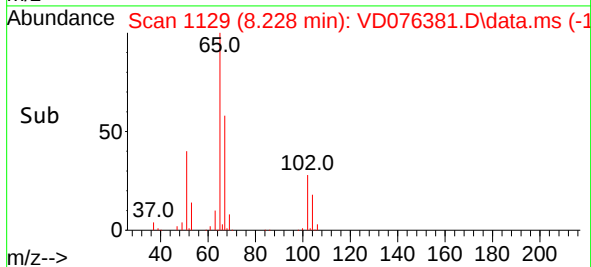
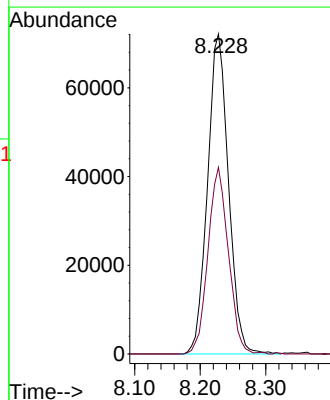
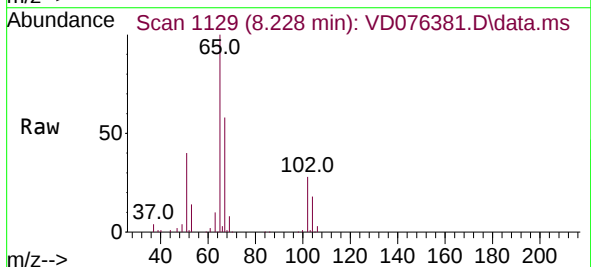
Instrument :
MSVOA_D
ClientSampleId :
GT-03

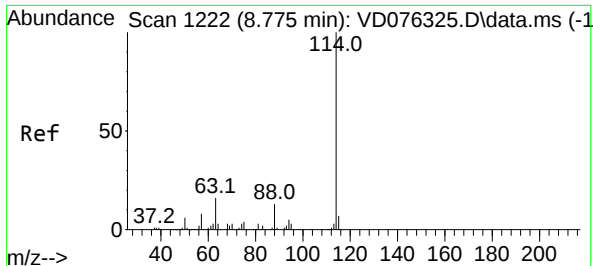
Tgt Ion: 43 Resp: 3129
Ion Ratio Lower Upper
43 100
74 29.8 26.4 39.6



#33
1,2-Dichloroethane-d4
Concen: 72.255 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD076381.D
Acq: 08 Jun 2023 19:01

Tgt Ion: 65 Resp: 160111
Ion Ratio Lower Upper
65 100
67 56.9 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD076381.D

Acq: 08 Jun 2023 19:01

Instrument :

MSVOA_D

ClientSampleId :

GT-03

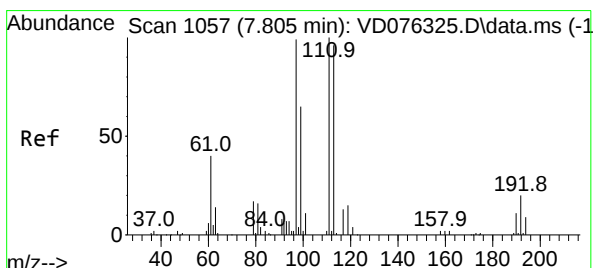
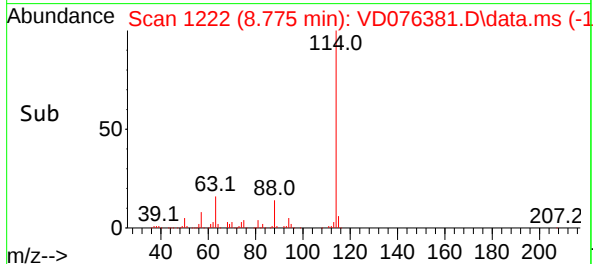
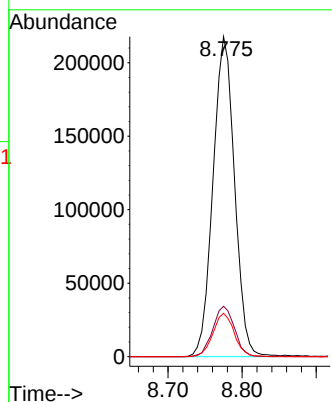
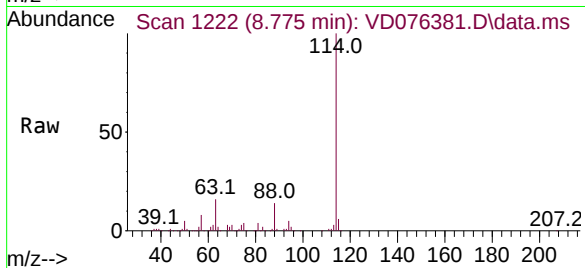
Tgt Ion:114 Resp: 440195

Ion Ratio Lower Upper

114 100

63 15.8 0.0 33.4

88 13.6 0.0 26.2



#35

Dibromofluoromethane

Concen: 71.090 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD076381.D

Acq: 08 Jun 2023 19:01

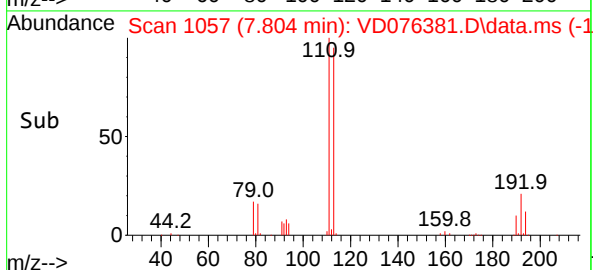
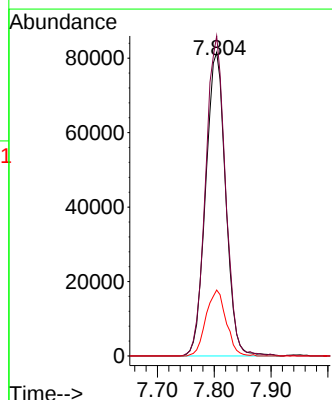
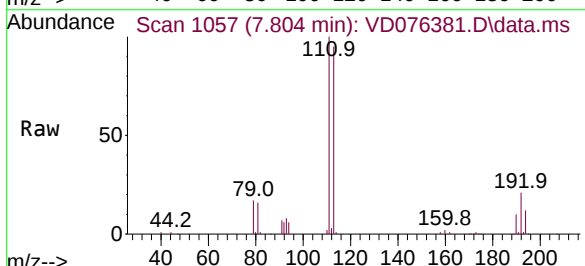
Tgt Ion:113 Resp: 198694

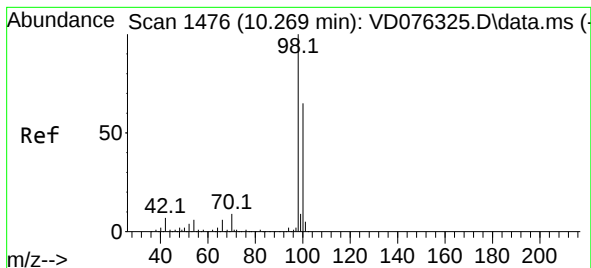
Ion Ratio Lower Upper

113 100

111 104.4 84.7 127.1

192 22.0 16.8 25.2

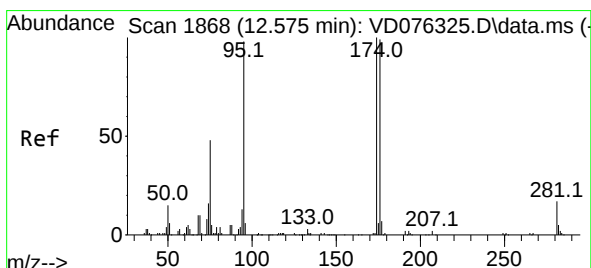
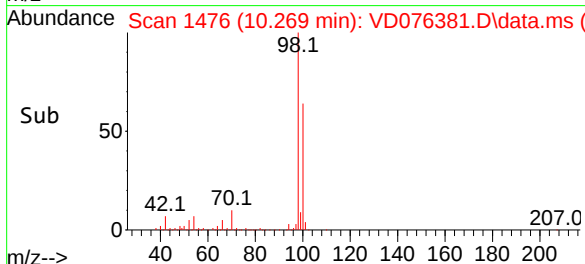
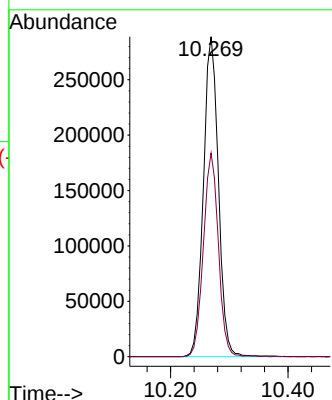
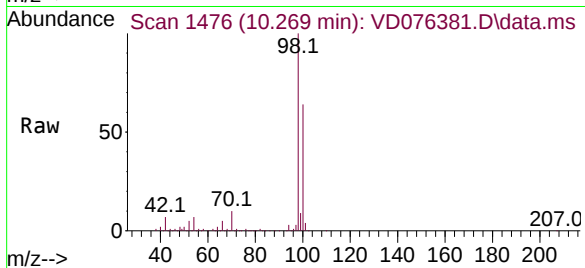




#50
Toluene-d8
Concen: 46.189 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD076381.D
Acq: 08 Jun 2023 19:01

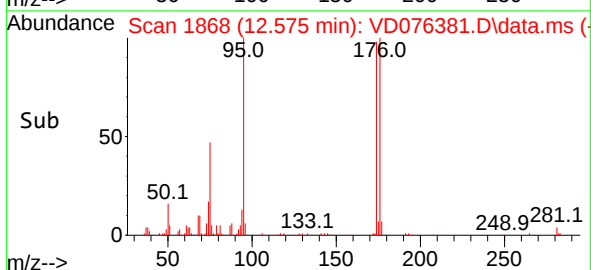
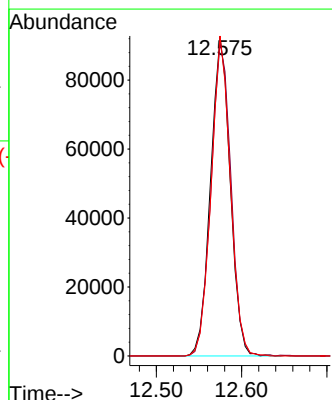
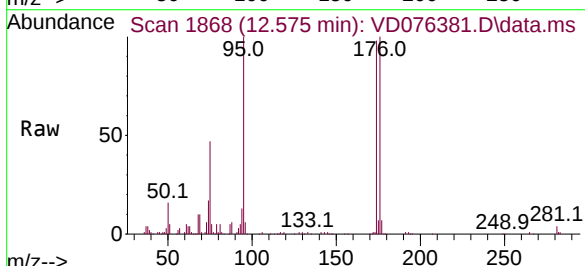
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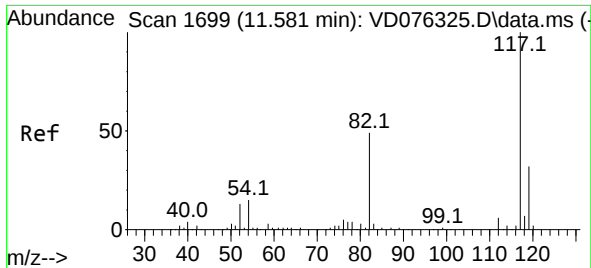
Tgt Ion: 98 Resp: 513998
Ion Ratio Lower Upper
98 100
100 63.4 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 50.118 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076381.D
Acq: 08 Jun 2023 19:01

Tgt Ion: 95 Resp: 147595
Ion Ratio Lower Upper
95 100
174 99.9 0.0 201.8
176 97.9 0.0 191.8

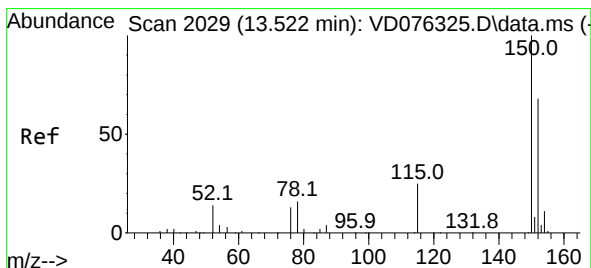
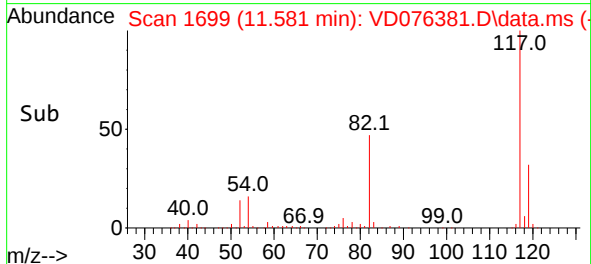
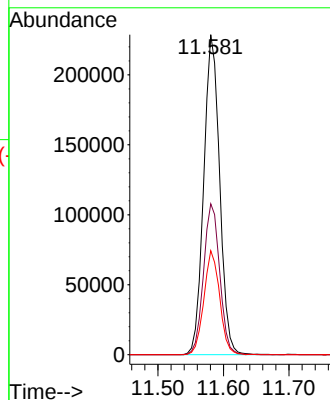
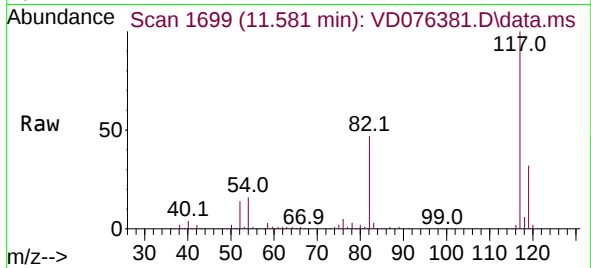




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076381.D
Acq: 08 Jun 2023 19:01

Instrument :
MSVOA_D
ClientSampleId :
GT-03

Tgt Ion:117 Resp: 387023
Ion Ratio Lower Upper
117 100
82 47.1 38.3 57.5
119 32.5 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD076381.D
Acq: 08 Jun 2023 19:01

Tgt Ion:152 Resp: 143426
Ion Ratio Lower Upper
152 100
115 50.7 27.1 81.3
150 155.0 0.0 353.6

