

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052623\
 Data File : VD076266.D
 Acq On : 26 May 2023 19:10
 Operator : KP/SY
 Sample : 02957-04
 Misc : 5.10G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-10-0A

Quant Time: May 26 23:17:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051523S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 10:08:53 2023
 Response via : Initial Calibration

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

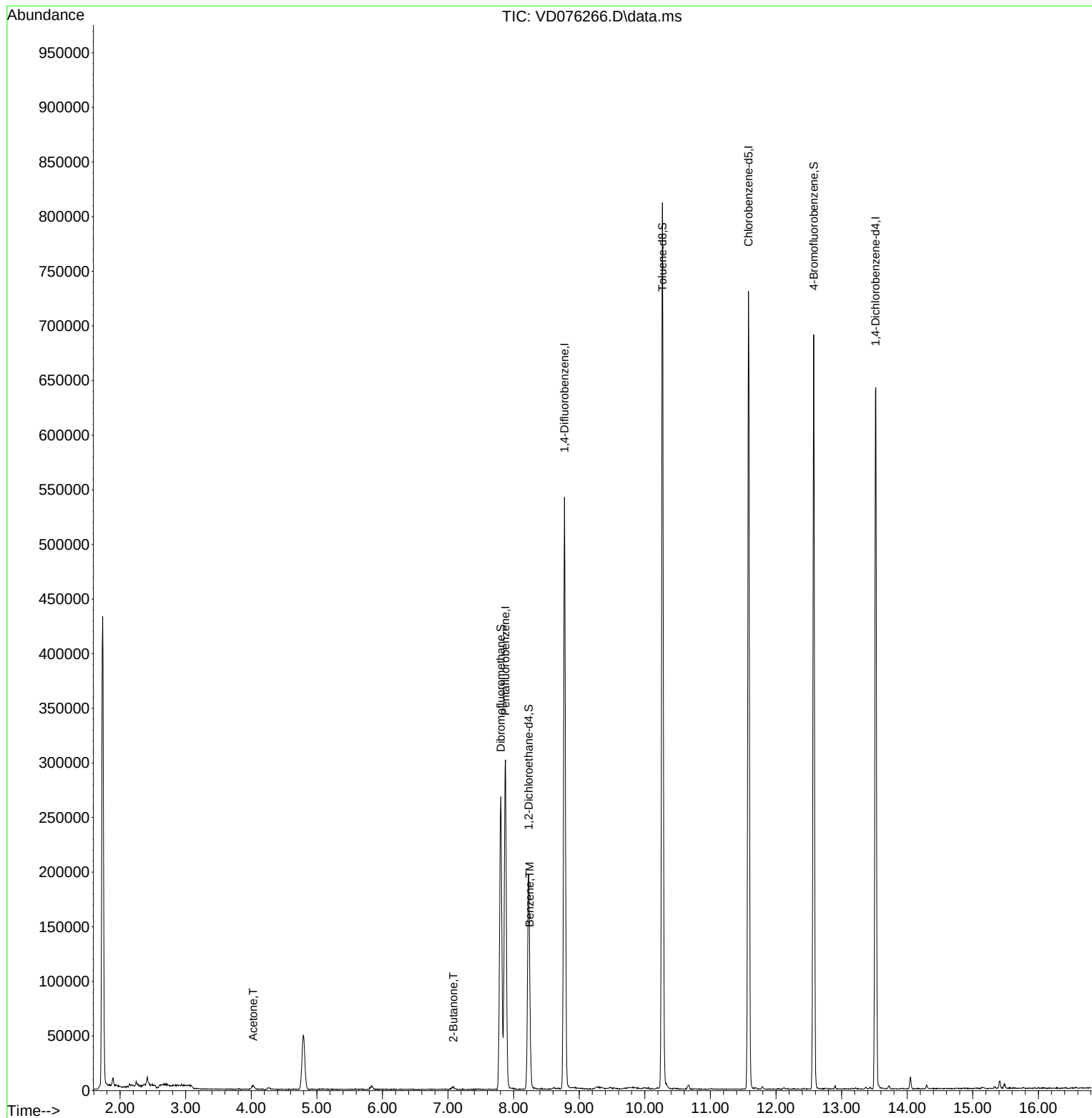
Internal Standards						
1) Pentafluorobenzene	7.875	168	247785	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	497599	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	452976	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	190001	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	146517	61.182	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 122.360%	
35) Dibromofluoromethane	7.805	113	196895	57.245	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 114.500%	
50) Toluene-d8	10.269	98	583893	43.548	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 87.100%	
62) 4-Bromofluorobenzene	12.575	95	205209	55.096	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 110.200%	
Target Compounds						
						Qvalue
16) Acetone	4.028	43	6191	12.993	ug/l	93
25) 2-Butanone	7.081	43	1154	1.926	ug/l	93
40) Benzene	8.246	78	18518	1.240	ug/l	99

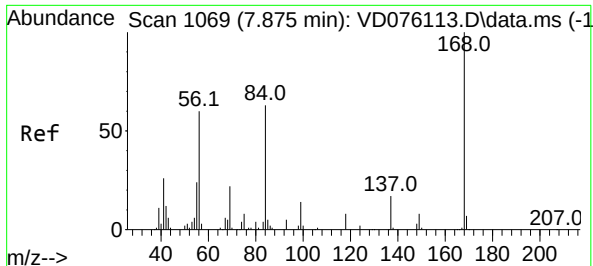
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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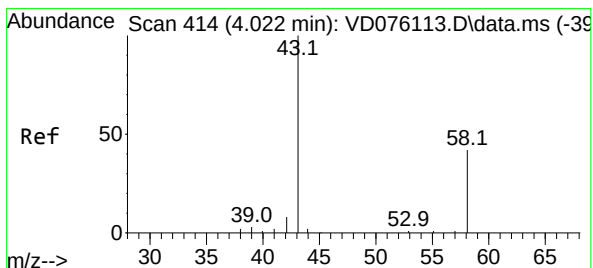
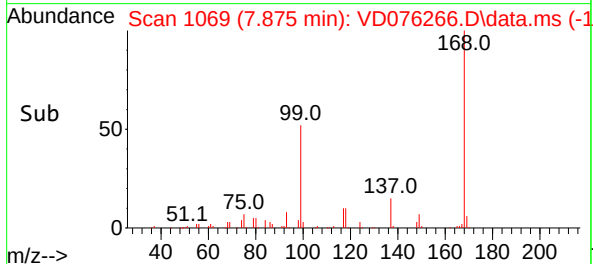
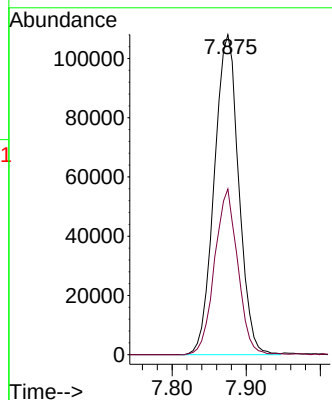
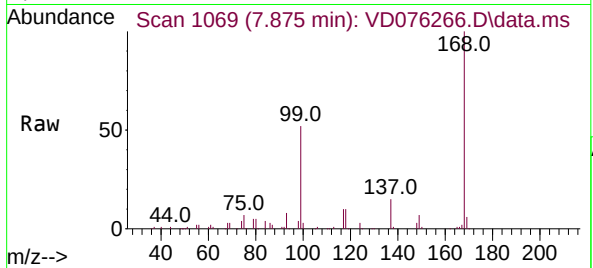




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076266.D
Acq: 26 May 2023 19:10

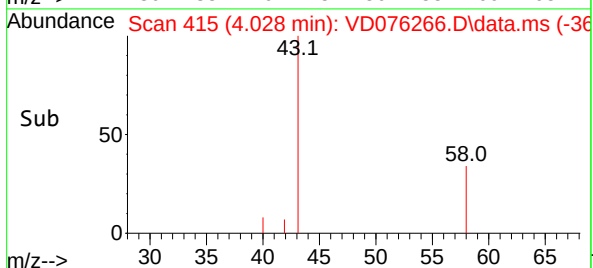
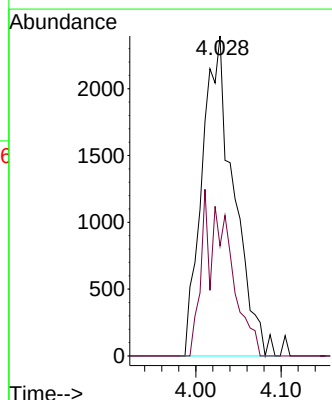
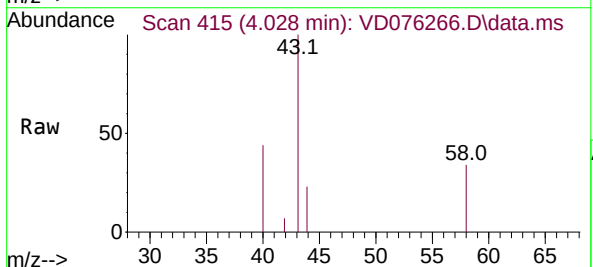
Instrument :
MSVOA_D
ClientSampleId :
TP-10-0A

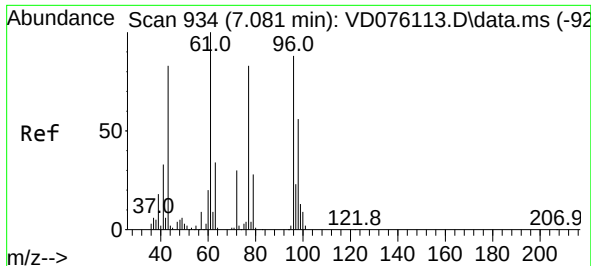
Tgt Ion:168 Resp: 247785
Ion Ratio Lower Upper
168 100
99 51.8 43.8 65.6



#16
Acetone
Concen: 12.993 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.006 min
Lab File: VD076266.D
Acq: 26 May 2023 19:10

Tgt Ion: 43 Resp: 6191
Ion Ratio Lower Upper
43 100
58 34.4 24.4 36.6

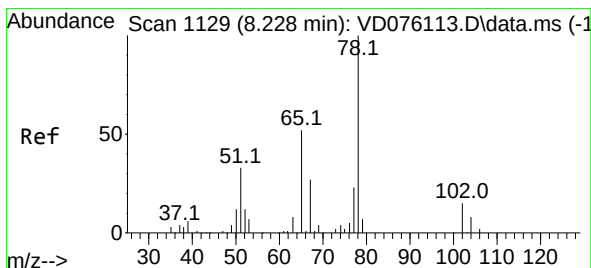
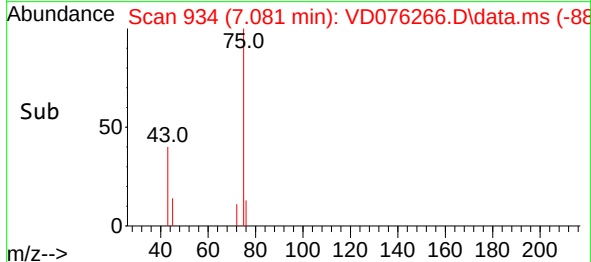
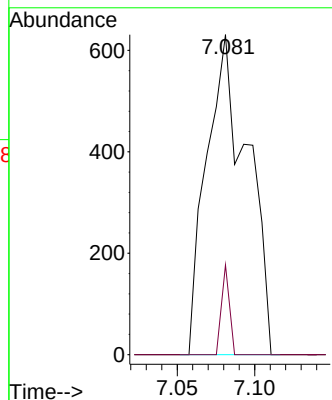
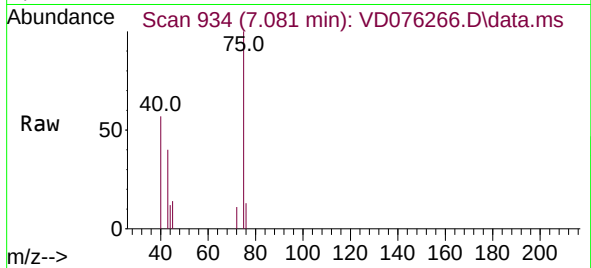




#25
2-Butanone
Concen: 1.926 ug/l
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD076266.D
Acq: 26 May 2023 19:10

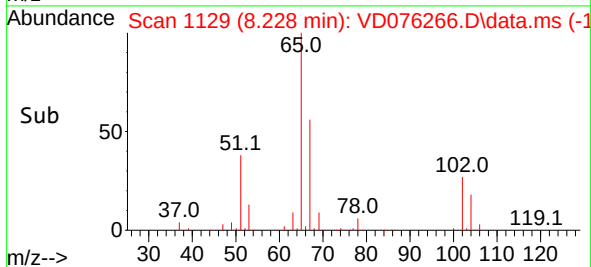
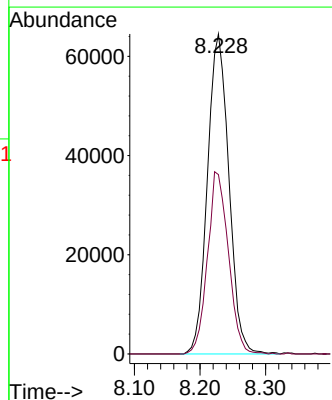
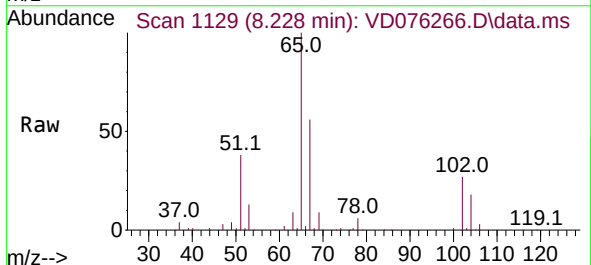
Instrument :
MSVOA_D
ClientSampleId :
TP-10-0A

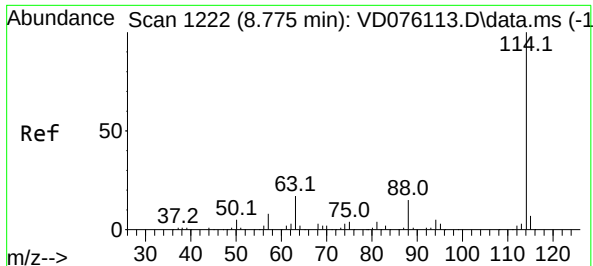
Tgt Ion: 43 Resp: 1154
Ion Ratio Lower Upper
43 100
72 28.1 19.8 29.8



#33
1,2-Dichloroethane-d4
Concen: 61.182 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD076266.D
Acq: 26 May 2023 19:10

Tgt Ion: 65 Resp: 146517
Ion Ratio Lower Upper
65 100
67 55.5 0.0 102.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD076266.D

Acq: 26 May 2023 19:10

Instrument :

MSVOA_D

ClientSampleId :

TP-10-0A

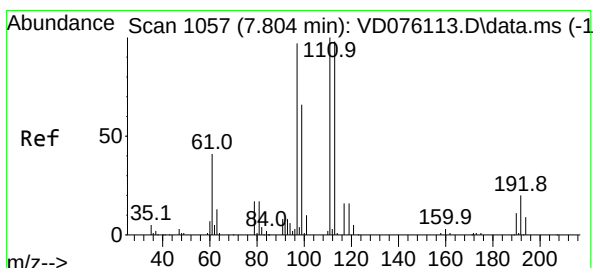
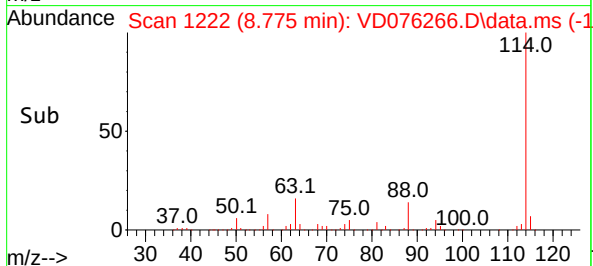
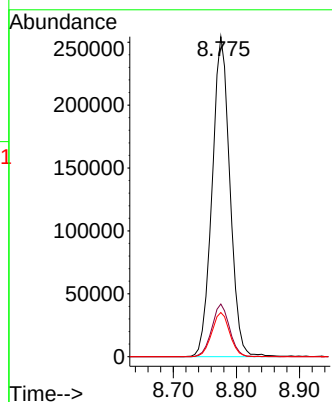
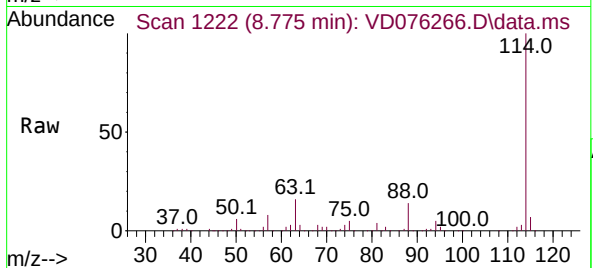
Tgt Ion:114 Resp: 497599

Ion Ratio Lower Upper

114 100

63 16.5 0.0 41.6

88 13.8 0.0 30.6



#35

Dibromofluoromethane

Concen: 57.245 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD076266.D

Acq: 26 May 2023 19:10

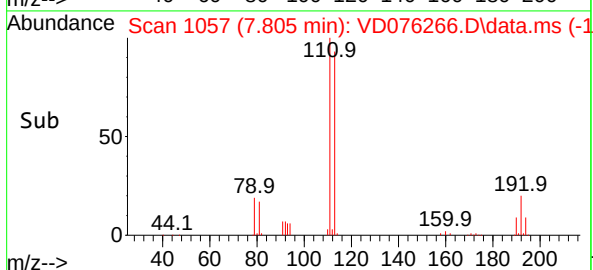
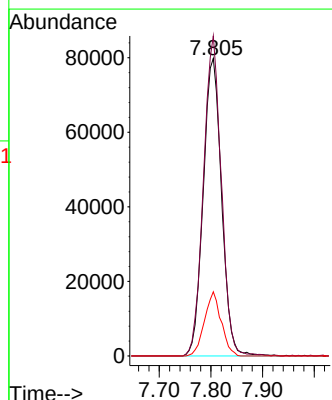
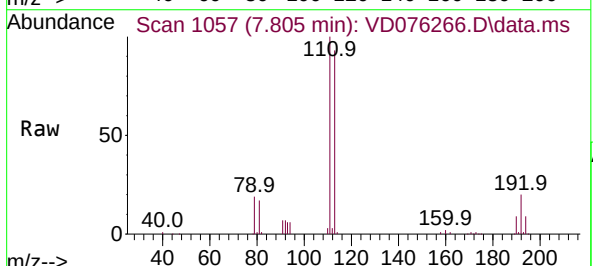
Tgt Ion:113 Resp: 196895

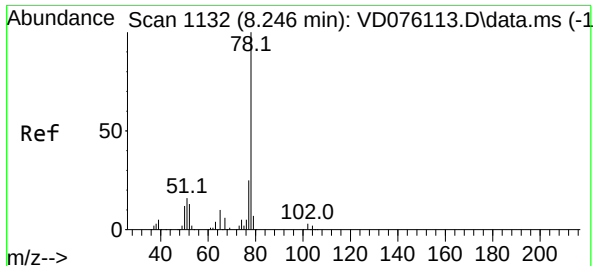
Ion Ratio Lower Upper

113 100

111 104.5 81.4 122.0

192 19.6 15.2 22.8

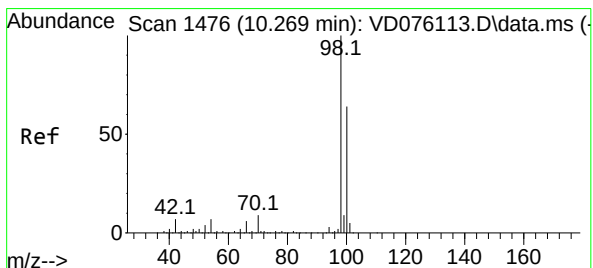
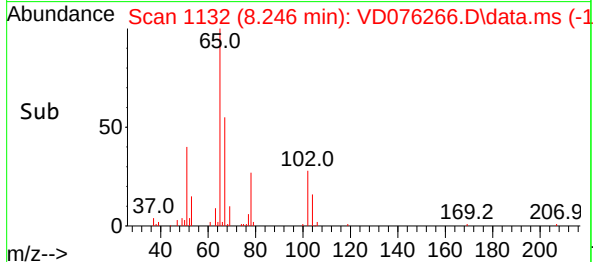
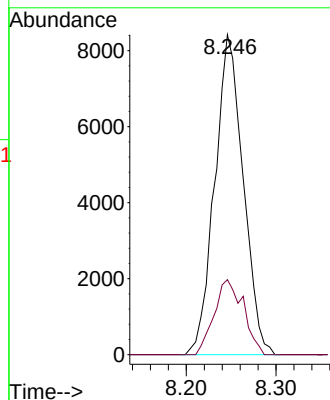
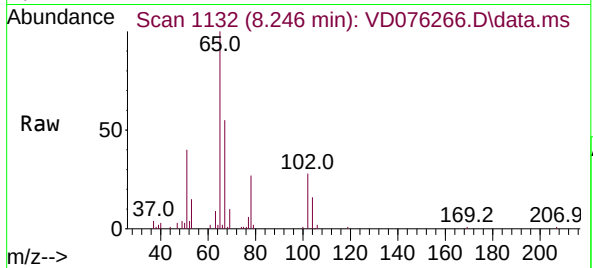




#40
Benzene
Concen: 1.240 ug/l
RT: 8.246 min Scan# 1132
Delta R.T. -0.006 min
Lab File: VD076266.D
Acq: 26 May 2023 19:10

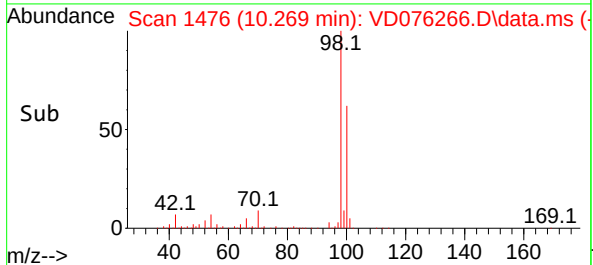
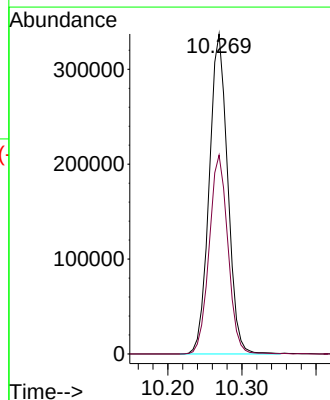
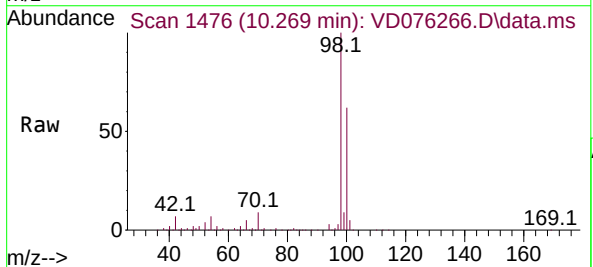
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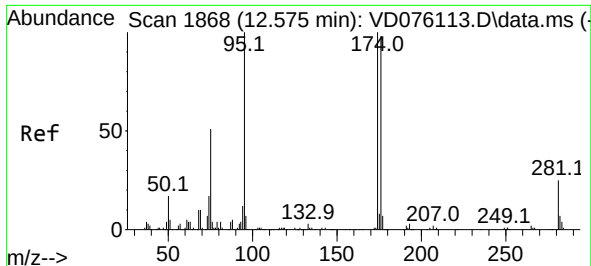
Tgt Ion: 78 Resp: 18518
Ion Ratio Lower Upper
78 100
77 23.5 19.1 28.7



#50
Toluene-d8
Concen: 43.548 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076266.D
Acq: 26 May 2023 19:10

Tgt Ion: 98 Resp: 583893
Ion Ratio Lower Upper
98 100
100 62.9 52.1 78.1

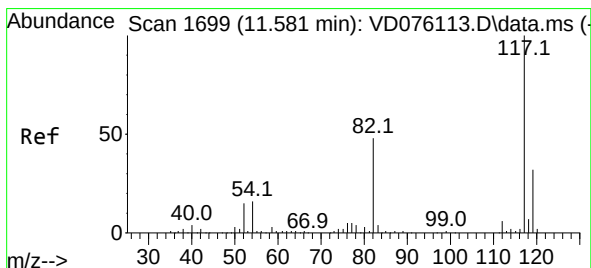
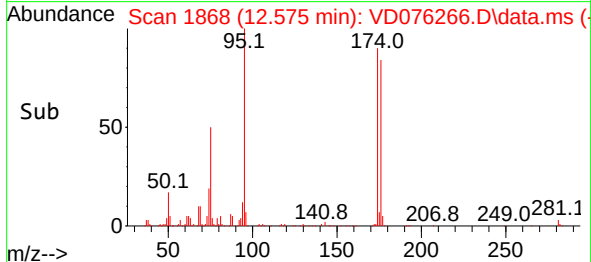
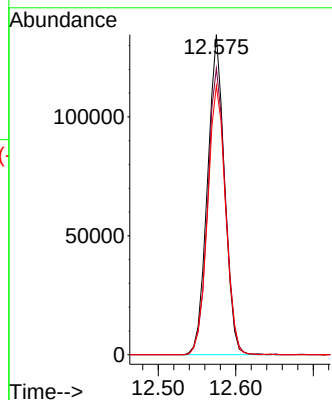
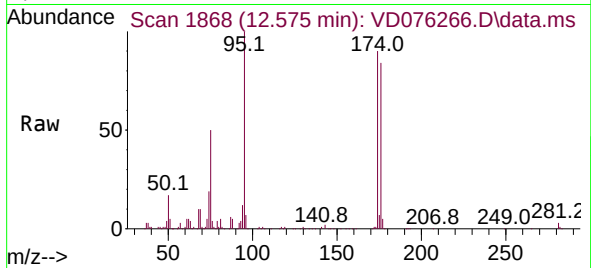




#62
4-Bromofluorobenzene
Concen: 55.096 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076266.D
Acq: 26 May 2023 19:10

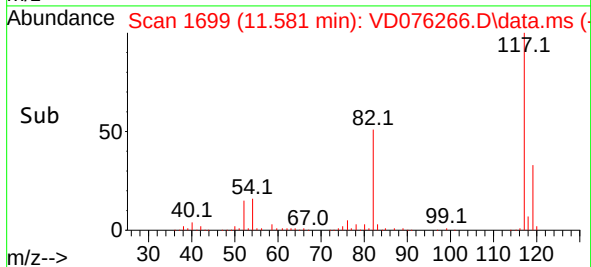
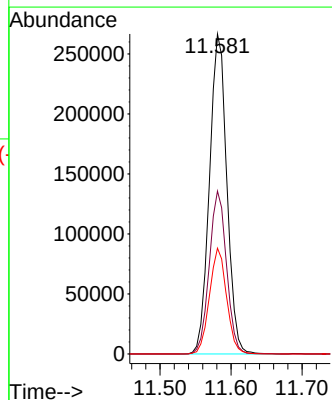
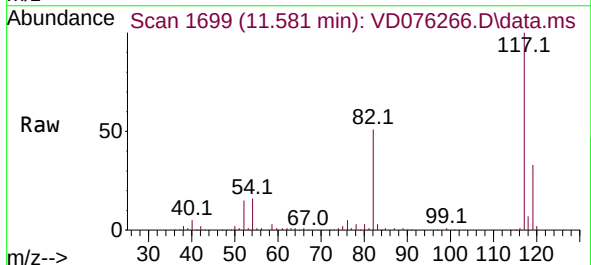
Instrument :
MSVOA_D
ClientSampleId :
TP-10-0A

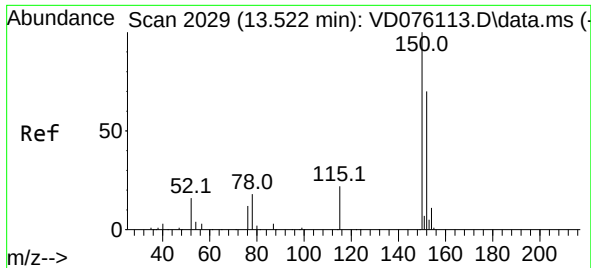
Tgt Ion: 95 Resp: 205209
Ion Ratio Lower Upper
95 100
174 93.1 0.0 164.0
176 88.8 0.0 156.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076266.D
Acq: 26 May 2023 19:10

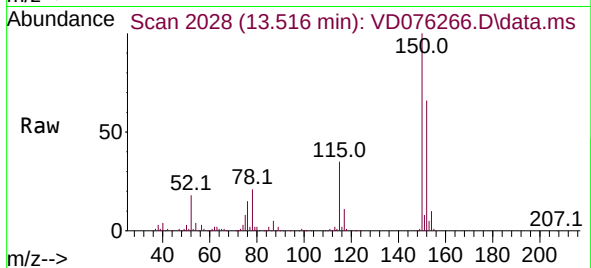
Tgt Ion: 117 Resp: 452976
Ion Ratio Lower Upper
117 100
82 50.9 44.0 66.0
119 33.1 25.1 37.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VD076266.D
 Acq: 26 May 2023 19:10

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-10-0A



Tgt Ion:	152	Resp:	190001
Ion	Ratio	Lower	Upper
152	100		
115	53.4	30.1	90.3
150	156.3	0.0	364.8

