

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022123\
 Data File : VD075386.D
 Acq On : 21 Feb 2023 17:44
 Operator : KP/SY
 Sample : 01613-08
 Misc : 4.99G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BP-VPB-RW10-GW-923-925

Quant Time: Feb 21 17:59:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022123S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 21 16:26:04 2023
 Response via : Initial Calibration

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

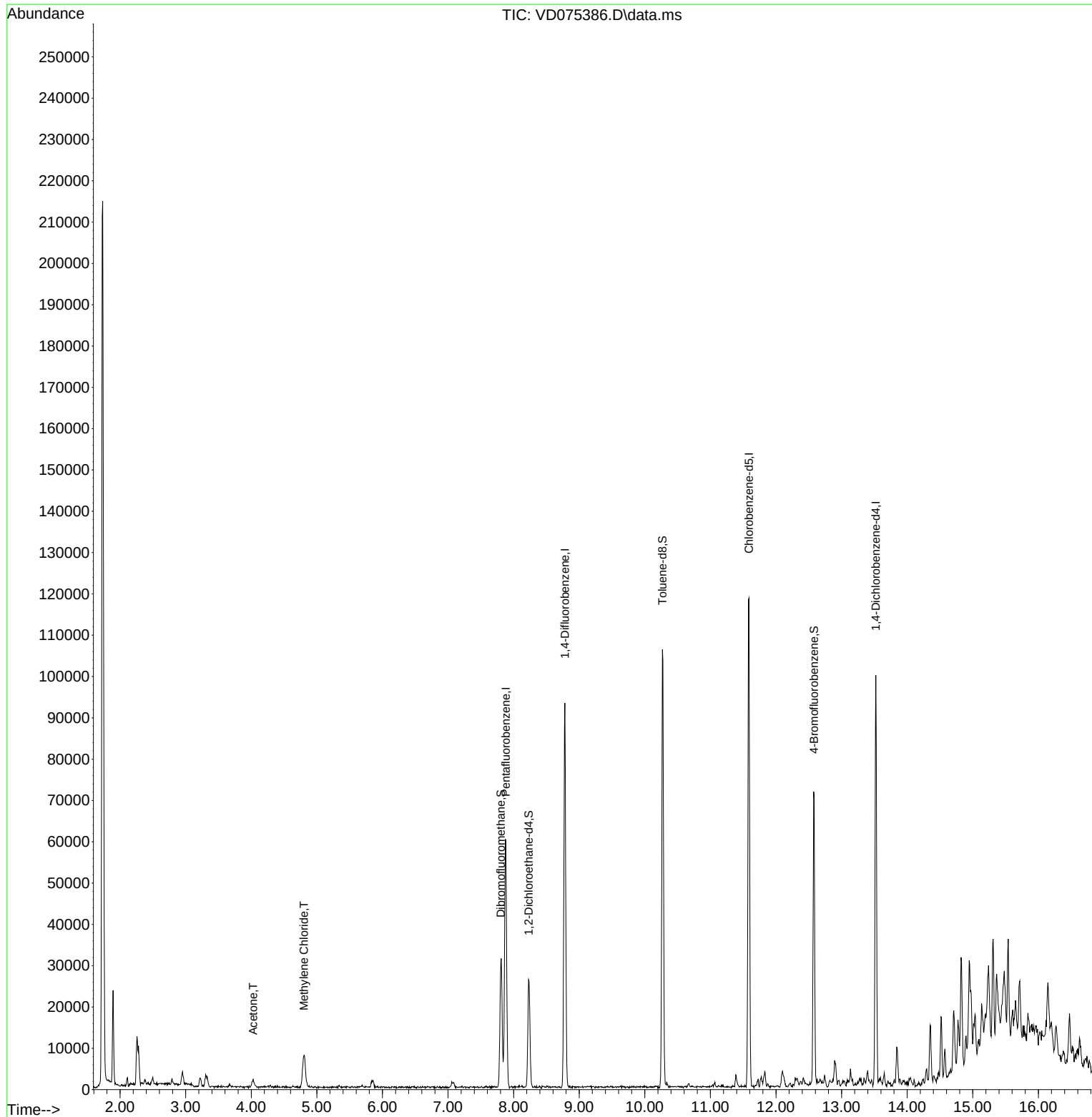
Internal Standards						
1) Pentafluorobenzene	7.881	168	44918	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	75590	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	66095	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	24361	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	21097	54.856	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.720%	
35) Dibromofluoromethane	7.805	113	21558	48.042	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 96.080%	
50) Toluene-d8	10.269	98	70851	43.750	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 87.500%	
62) 4-Bromofluorobenzene	12.581	95	21366	39.291	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 78.580%	
Target Compounds						
16) Acetone	4.028	43	3022	25.995	ug/l	94
20) Methylene Chloride	4.805	84	5946	5.059	ug/l	91

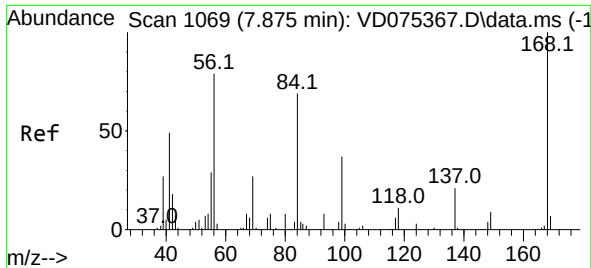
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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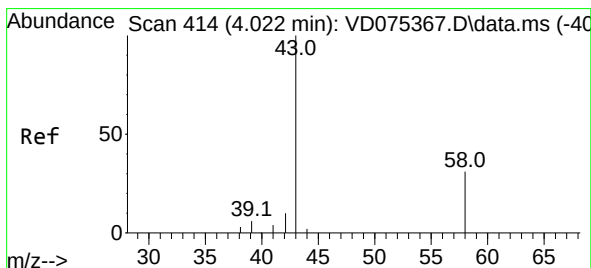
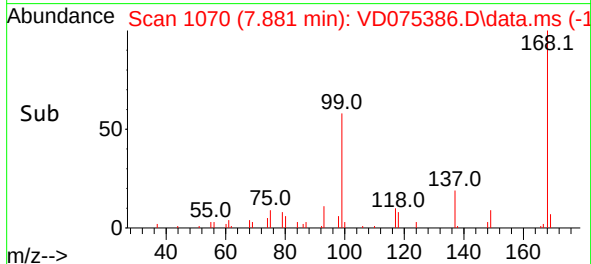
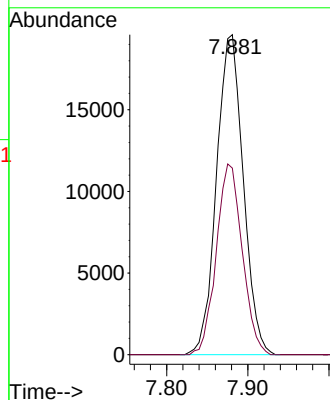
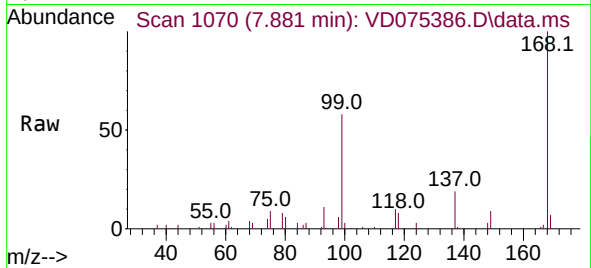




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD075386.D
Acq: 21 Feb 2023 17:44

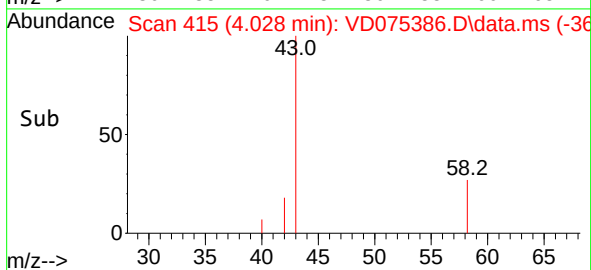
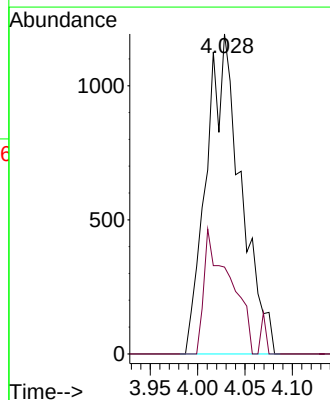
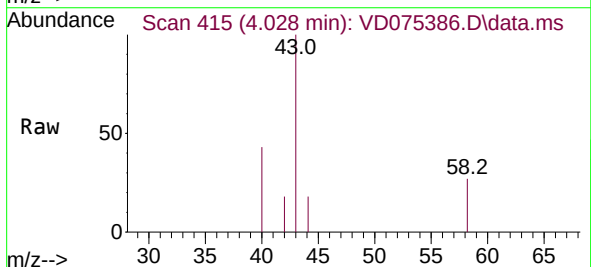
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-RW10-GW-923-925

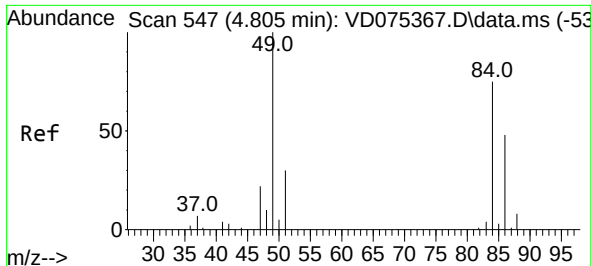
Tgt Ion:168 Resp: 44918
Ion Ratio Lower Upper
168 100
99 58.3 43.8 65.6



#16
Acetone
Concen: 25.995 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.006 min
Lab File: VD075386.D
Acq: 21 Feb 2023 17:44

Tgt Ion: 43 Resp: 3022
Ion Ratio Lower Upper
43 100
58 27.2 24.4 36.6

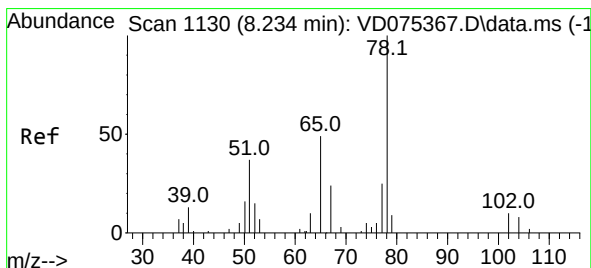
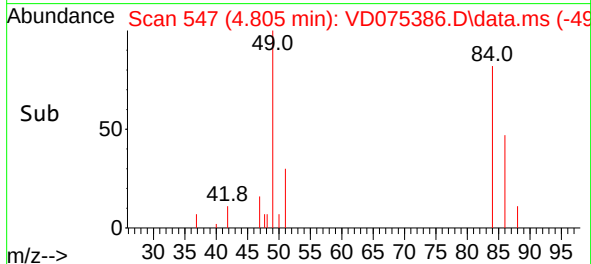
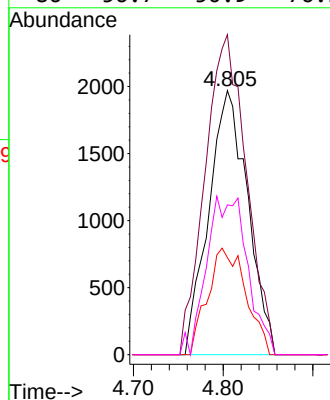
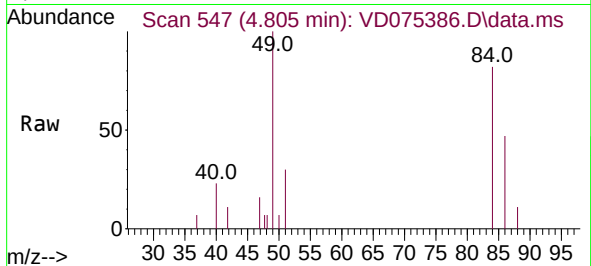




#20
Methylene Chloride
Concen: 5.059 ug/l
RT: 4.805 min Scan# 54
Delta R.T. -0.000 min
Lab File: VD075386.D
Acq: 21 Feb 2023 17:44

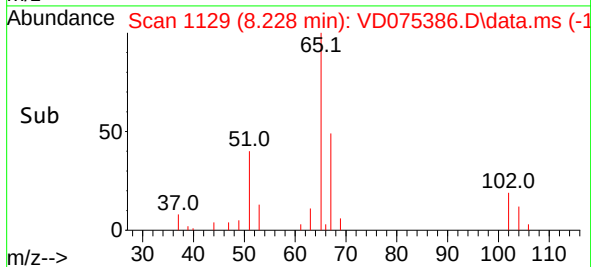
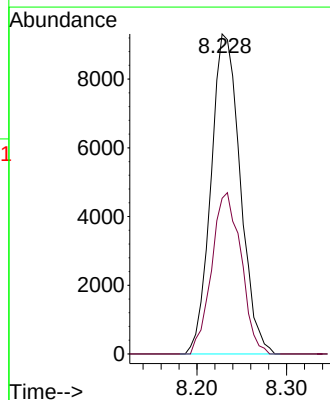
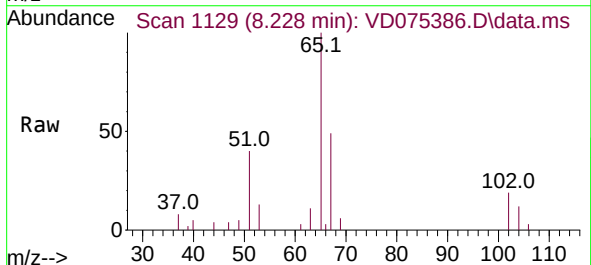
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-RW10-GW-923-925

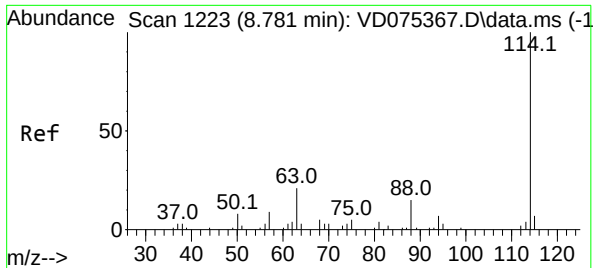
Tgt Ion: 84	Resp: 5946
Ion Ratio	Lower Upper
84 100	
49 121.2	106.4 159.6
51 36.8	32.4 48.6
86 56.7	50.9 76.3



#33
1,2-Dichloroethane-d4
Concen: 54.856 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD075386.D
Acq: 21 Feb 2023 17:44

Tgt Ion: 65	Resp: 21097
Ion Ratio	Lower Upper
65 100	
67 50.6	0.0 102.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD075386.D

Acq: 21 Feb 2023 17:44

Instrument :

MSVOA_D

ClientSampleId :

BP-VPB-RW10-GW-923-925

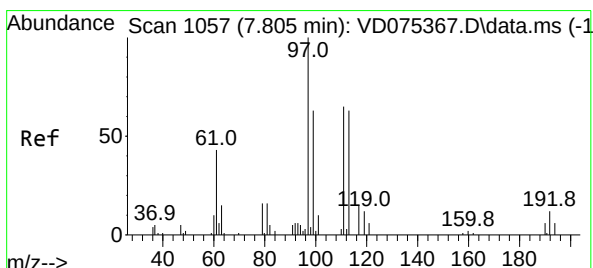
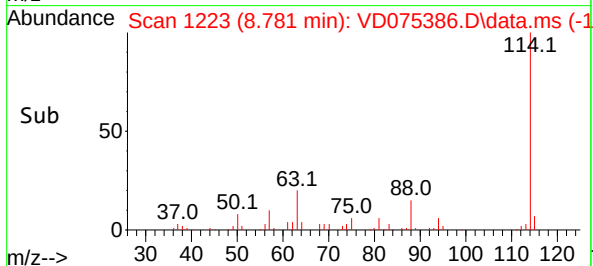
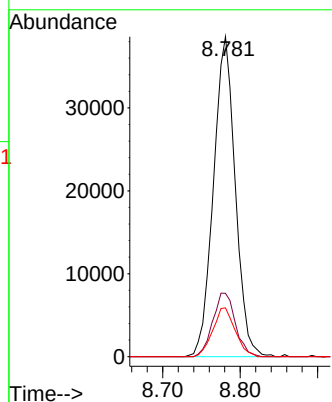
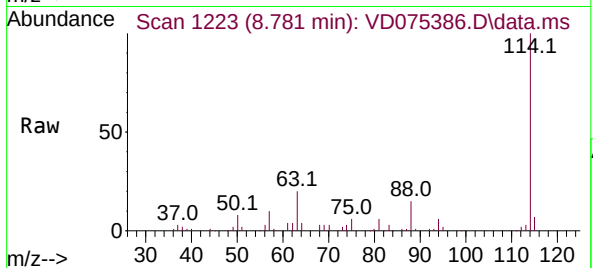
Tgt Ion:114 Resp: 75590

Ion Ratio Lower Upper

114 100

63 19.8 0.0 41.6

88 15.3 0.0 30.6



#35

Dibromofluoromethane

Concen: 48.042 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD075386.D

Acq: 21 Feb 2023 17:44

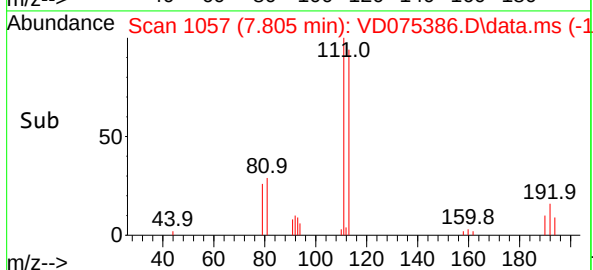
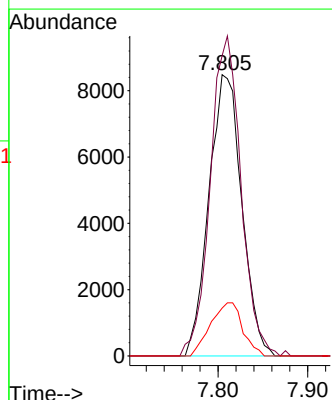
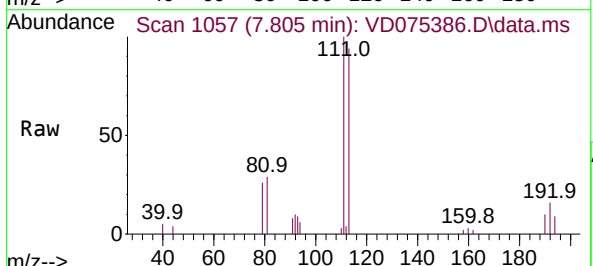
Tgt Ion:113 Resp: 21558

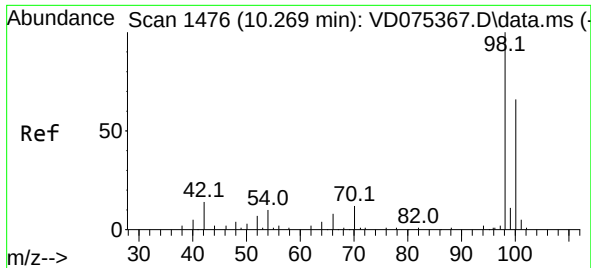
Ion Ratio Lower Upper

113 100

111 106.6 81.4 122.0

192 18.4 15.2 22.8

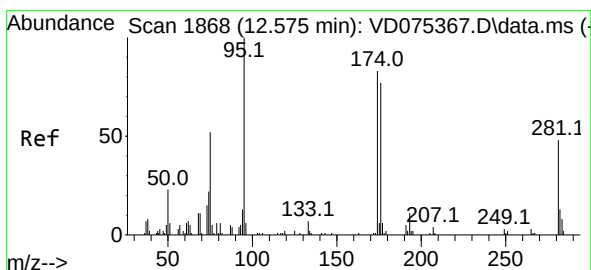
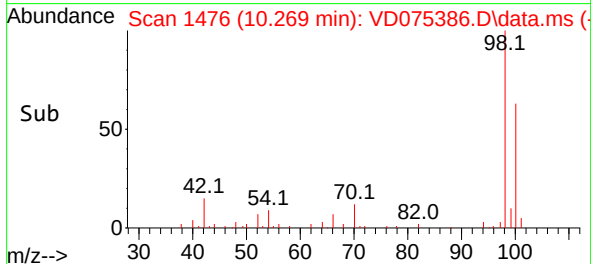
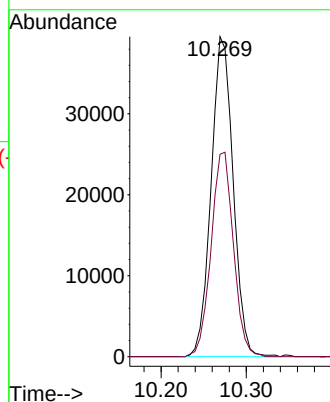
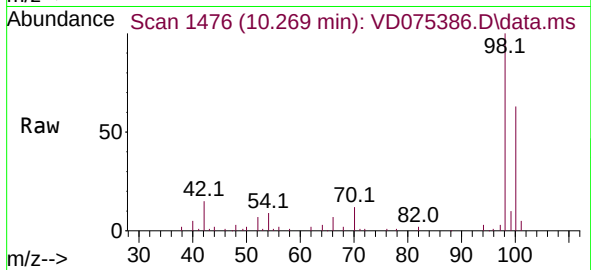




#50
Toluene-d8
Concen: 43.750 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD075386.D
Acq: 21 Feb 2023 17:44

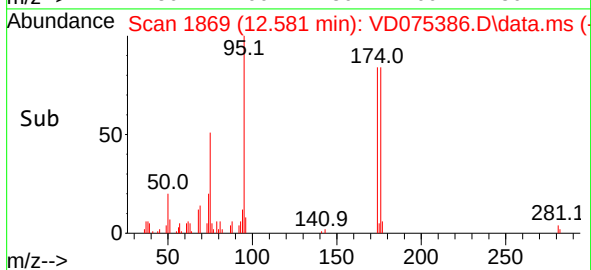
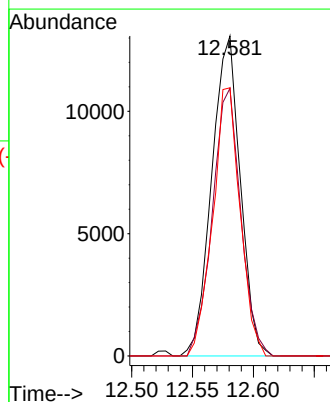
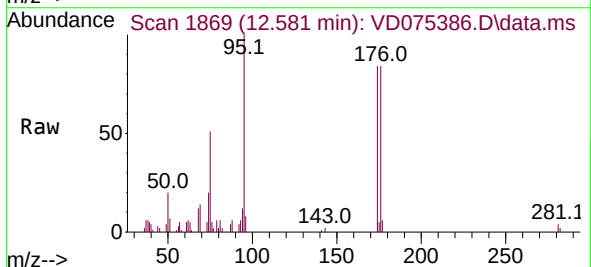
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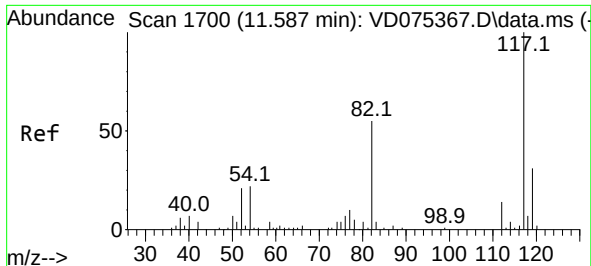
Tgt Ion: 98 Resp: 70851
Ion Ratio Lower Upper
98 100
100 64.9 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 39.291 ug/l
RT: 12.581 min Scan# 1869
Delta R.T. 0.006 min
Lab File: VD075386.D
Acq: 21 Feb 2023 17:44

Tgt Ion: 95 Resp: 21366
Ion Ratio Lower Upper
95 100
174 83.2 0.0 164.0
176 80.5 0.0 156.8

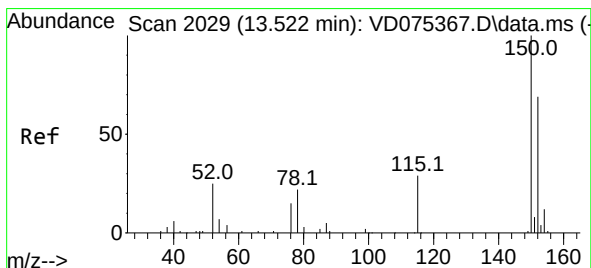
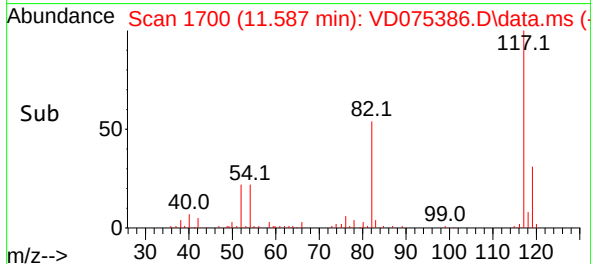
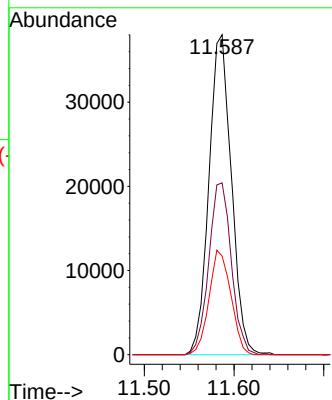
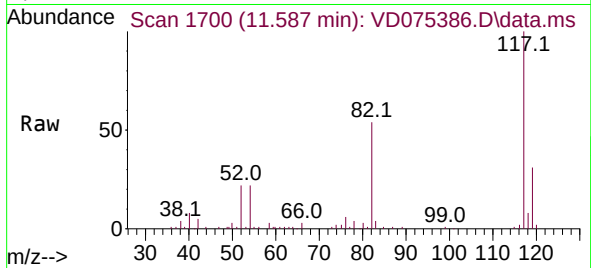




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075386.D
Acq: 21 Feb 2023 17:44

Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-RW10-GW-923-925

Tgt Ion:117	Resp:	66095
Ion	Ratio	Lower Upper
117	100	
82	53.7	44.0 66.0
119	30.8	25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD075386.D
Acq: 21 Feb 2023 17:44

Tgt Ion:152	Resp:	24361
Ion	Ratio	Lower Upper
152	100	
115	58.8	30.1 90.3
150	160.5	0.0 364.8

