

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111122\
 Data File : VD074913.D
 Acq On : 12 Nov 2022 03:42
 Operator : VA/SY
 Sample : N5607-07
 Misc : 5.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-38

Quant Time: Nov 14 00:59:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D111122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 14 00:51:58 2022
 Response via : Initial Calibration

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

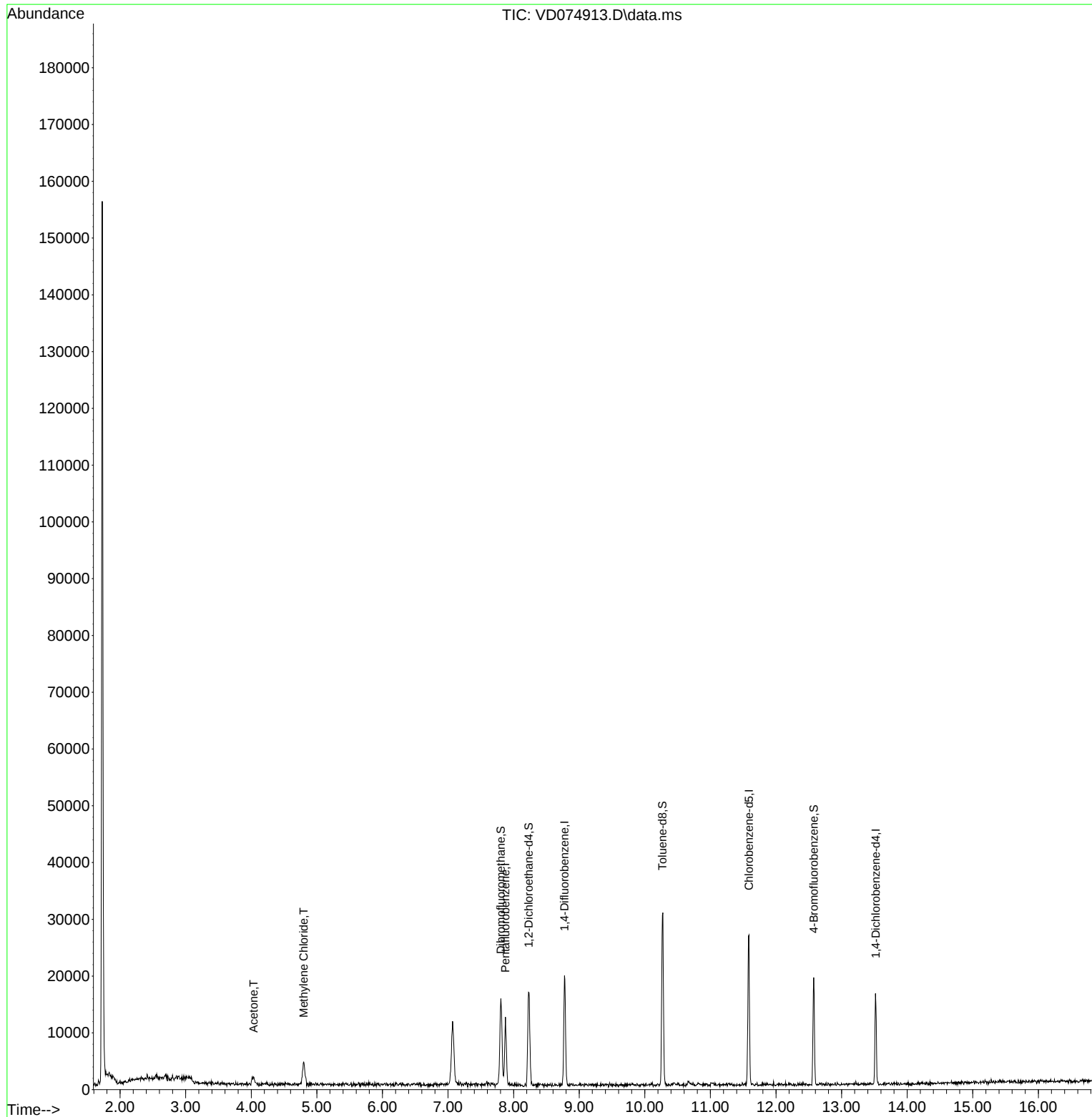
Internal Standards						
1) Pentafluorobenzene	7.875	168	9558	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	19315	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	17677	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	5397	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	13433	233.223	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 466.440%#	
35) Dibromofluoromethane	7.805	113	11853	99.552	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 199.100%#	
50) Toluene-d8	10.269	98	24471	62.394	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 124.780%	
62) 4-Bromofluorobenzene	12.575	95	6295	52.270	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 104.540%	
Target Compounds						
					Qvalue	
16) Acetone	4.034	43	2396	151.851	ug/l	92
20) Methylene Chloride	4.799	84	3182	14.286	ug/l	94

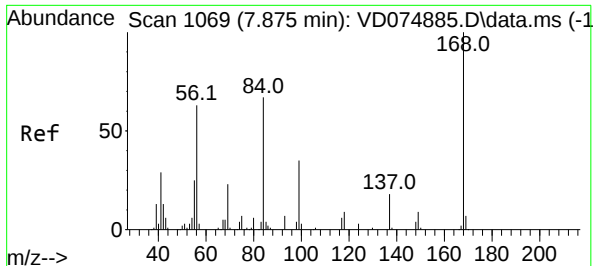
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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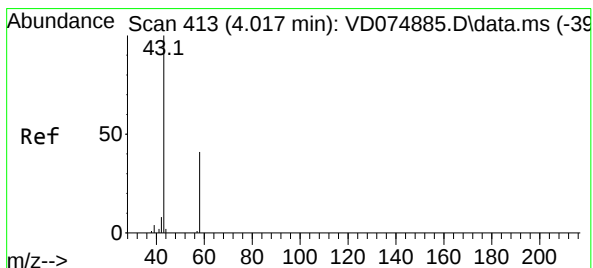
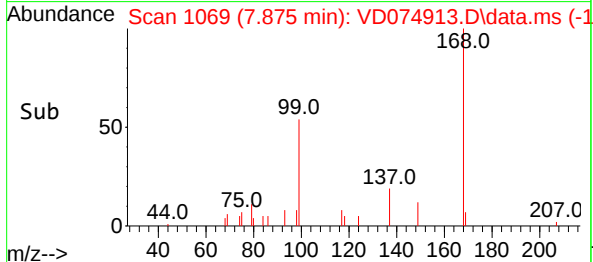
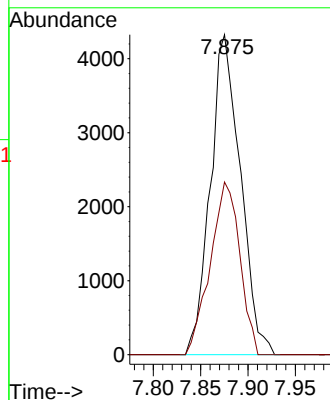
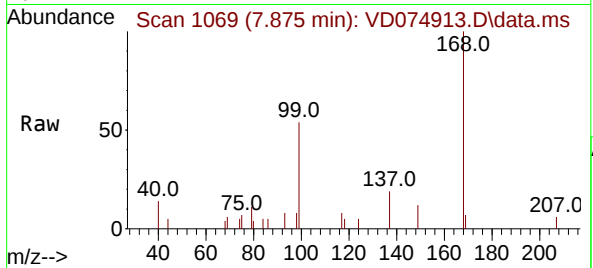




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074913.D
Acq: 12 Nov 2022 03:42

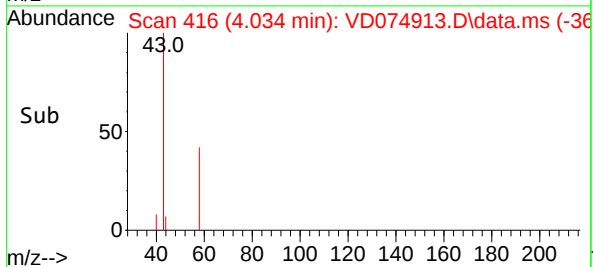
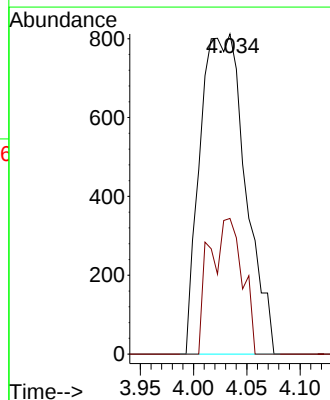
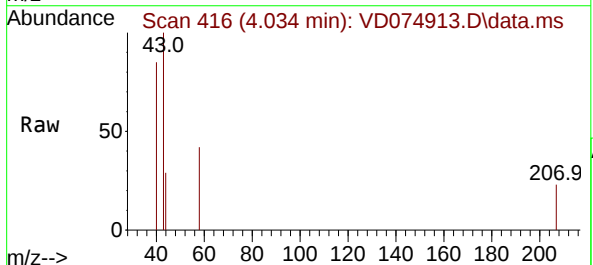
Instrument :
MSVOA_D
ClientSampleId :
SB-38

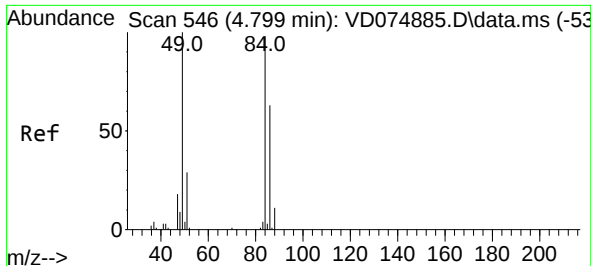
Tgt Ion:168 Resp: 9558
Ion Ratio Lower Upper
168 100
99 53.9 40.9 61.3



#16
Acetone
Concen: 151.851 ug/l
RT: 4.034 min Scan# 416
Delta R.T. 0.017 min
Lab File: VD074913.D
Acq: 12 Nov 2022 03:42

Tgt Ion: 43 Resp: 2396
Ion Ratio Lower Upper
43 100
58 42.4 30.2 45.2

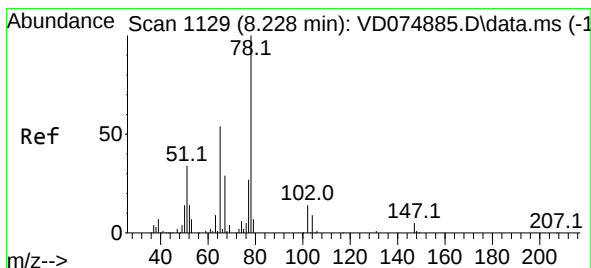
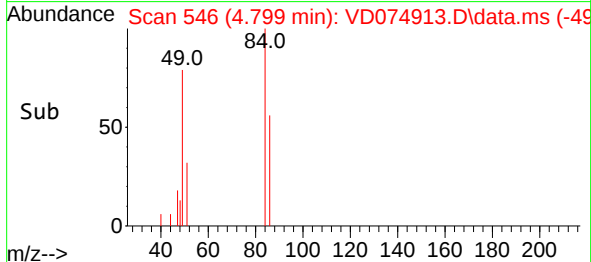
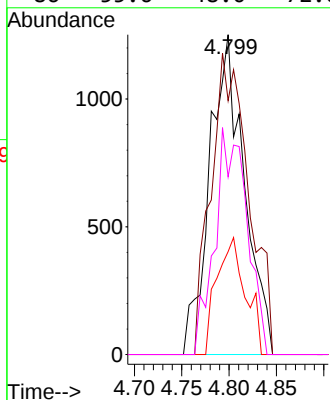
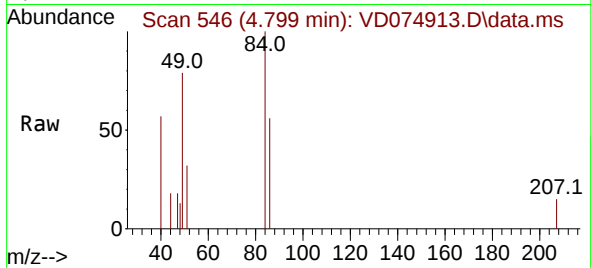




#20
Methylene Chloride
Concen: 14.286 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD074913.D
Acq: 12 Nov 2022 03:42

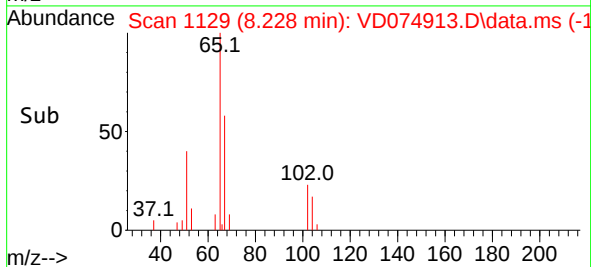
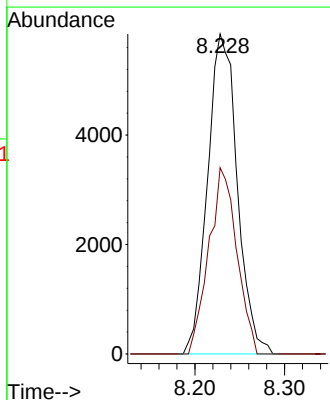
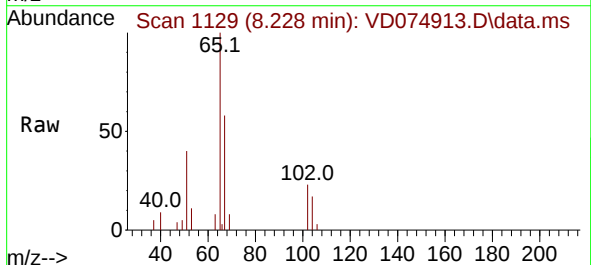
Instrument :
MSVOA_D
ClientSampleId :
SB-38

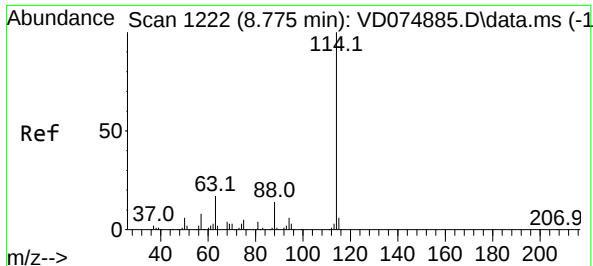
Tgt Ion:	84	Resp:	3182
Ion	Ratio	Lower	Upper
84	100		
49	79.4	68.0	102.0
51	32.2	23.2	34.8
86	55.6	48.0	72.0



#33
1,2-Dichloroethane-d4
Concen: 233.223 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD074913.D
Acq: 12 Nov 2022 03:42

Tgt Ion:	65	Resp:	13433
Ion	Ratio	Lower	Upper
65	100		
67	54.9	0.0	110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD074913.D

Acq: 12 Nov 2022 03:42

Instrument :

MSVOA_D

ClientSampleId :

SB-38

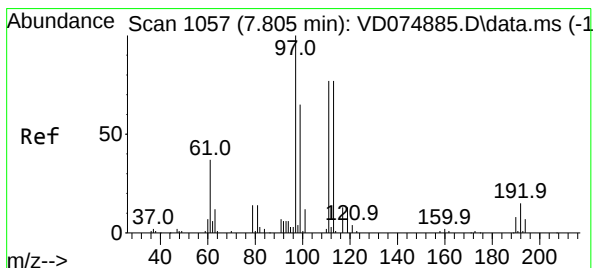
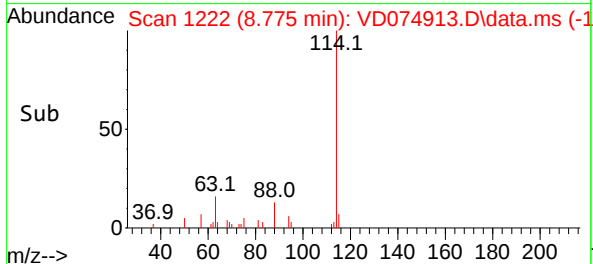
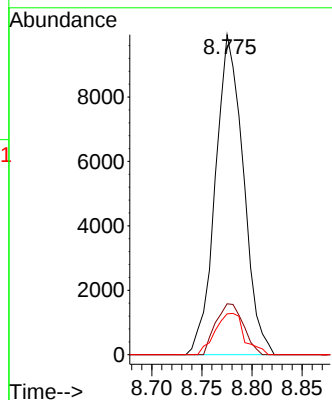
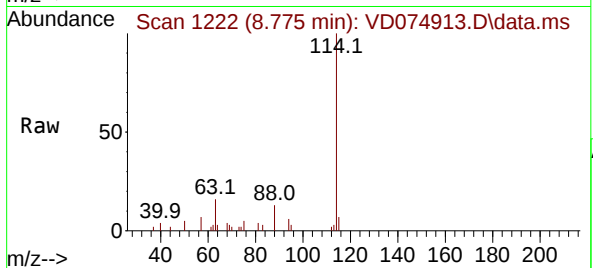
Tgt Ion:114 Resp: 19315

Ion Ratio Lower Upper

114 100

63 15.9 0.0 33.2

88 12.8 0.0 28.2



#35

Dibromofluoromethane

Concen: 99.552 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD074913.D

Acq: 12 Nov 2022 03:42

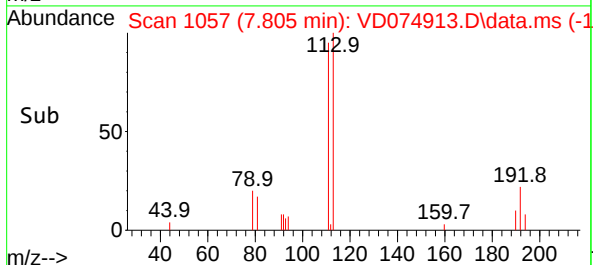
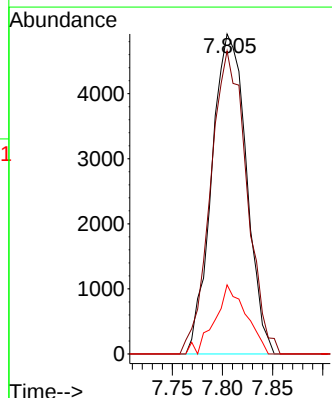
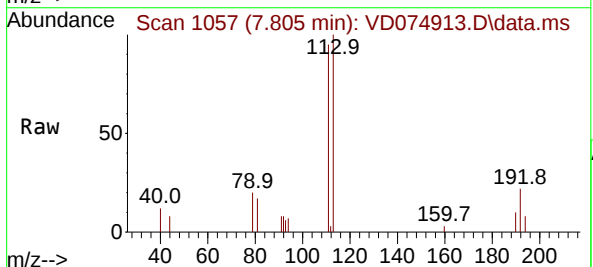
Tgt Ion:113 Resp: 11853

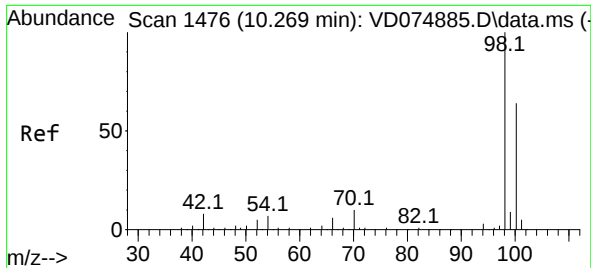
Ion Ratio Lower Upper

113 100

111 98.4 82.3 123.5

192 19.4 16.4 24.6

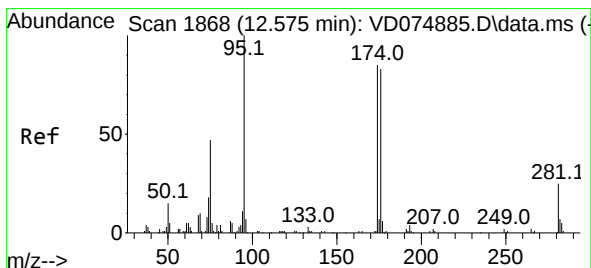
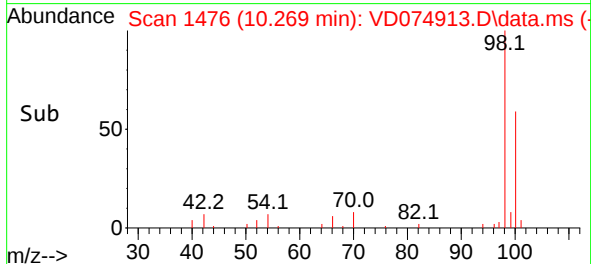
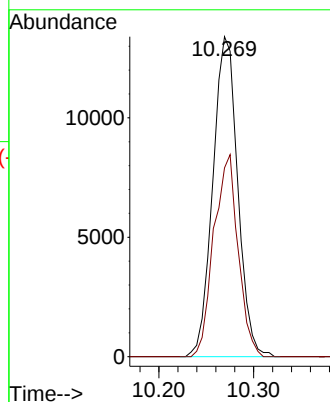
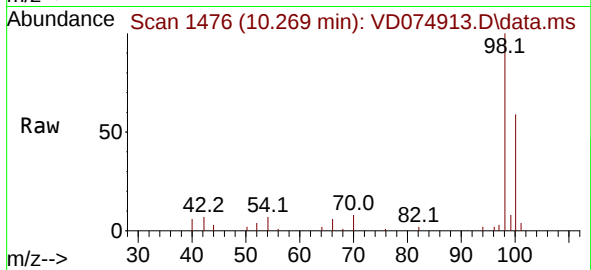




#50
Toluene-d8
Concen: 62.394 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074913.D
Acq: 12 Nov 2022 03:42

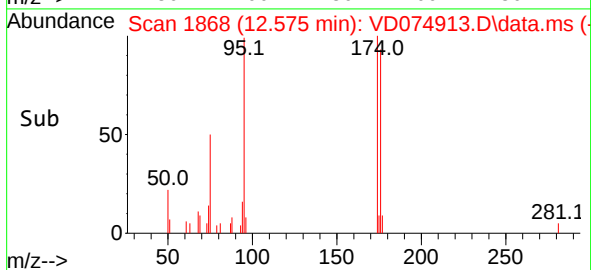
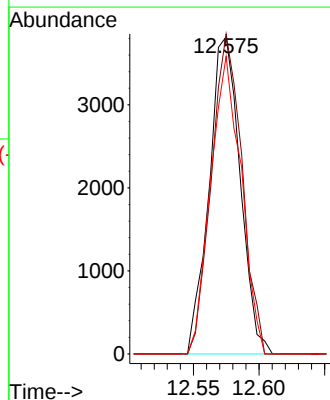
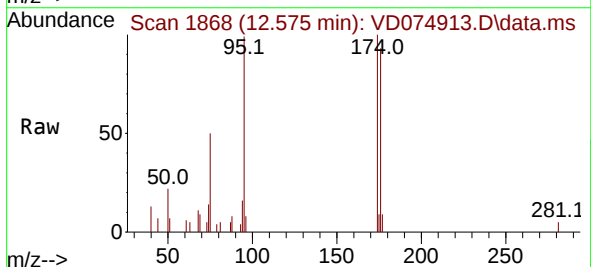
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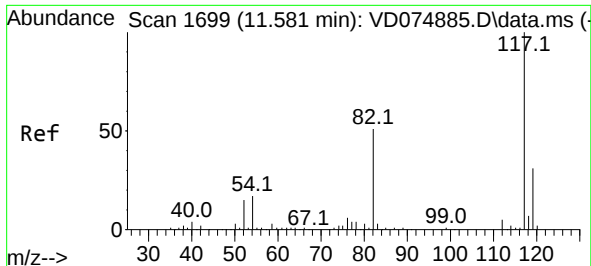
Tgt Ion: 98 Resp: 24471
Ion Ratio Lower Upper
98 100
100 61.5 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 52.270 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD074913.D
Acq: 12 Nov 2022 03:42

Tgt Ion: 95 Resp: 6295
Ion Ratio Lower Upper
95 100
174 99.0 0.0 197.0
176 92.3 0.0 182.6

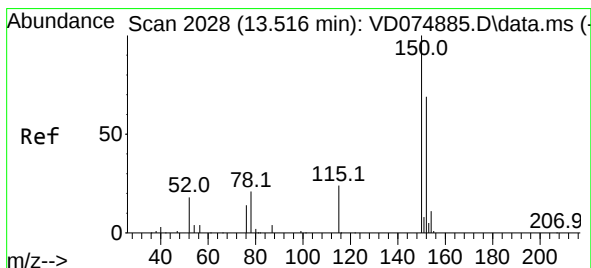
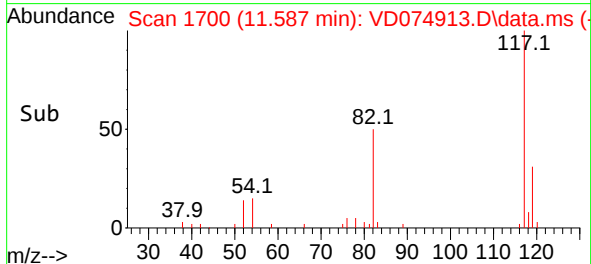
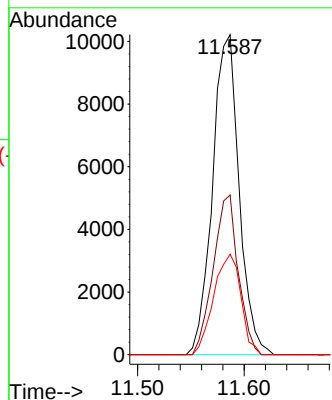
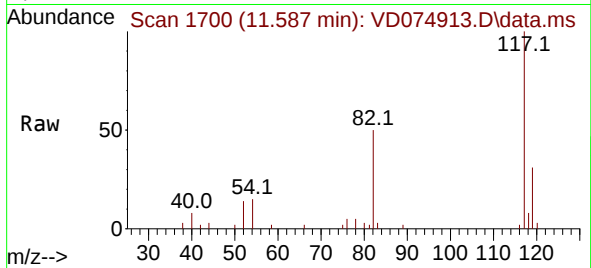




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD074913.D
Acq: 12 Nov 2022 03:42

Instrument :
MSVOA_D
ClientSampleId :
SB-38

Tgt Ion:117 Resp: 17677
Ion Ratio Lower Upper
117 100
82 49.9 41.6 62.4
119 31.4 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.006 min
Lab File: VD074913.D
Acq: 12 Nov 2022 03:42

Tgt Ion:152 Resp: 5397
Ion Ratio Lower Upper
152 100
115 49.9 26.8 80.4
150 147.8 0.0 348.2

