

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092622\
 Data File : VD074424.D
 Acq On : 26 Sep 2022 17:38
 Operator : VA/SY
 Sample : N4668-12
 Misc : 5.83G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 A3-8-18

Quant Time: Sep 27 04:09:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D092622S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 27 03:19:14 2022
 Response via : Initial Calibration

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

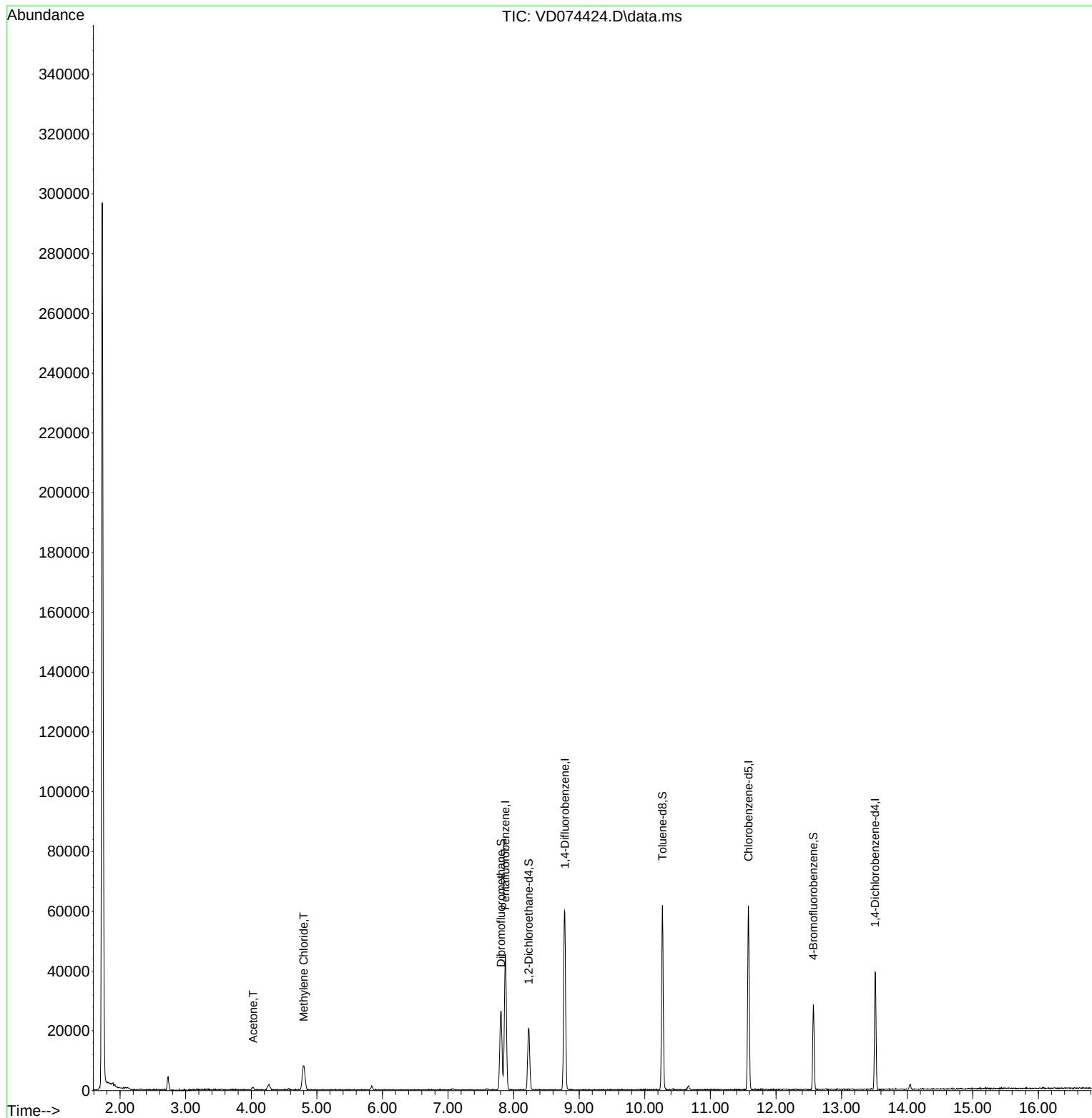
Internal Standards						
1) Pentafluorobenzene	7.875	168	37818	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	59937	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	38828	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	12229	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	17155	52.689	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	105.380%	
35) Dibromofluoromethane	7.810	113	19730	48.824	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	97.640%	
50) Toluene-d8	10.269	98	45859	33.645	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	=	67.280%	
62) 4-Bromofluorobenzene	12.569	95	7347	10.773	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	=	21.540%#	
Target Compounds						
					Qvalue	
16) Acetone	4.028	43	1032	16.339	ug/l #	85
20) Methylene Chloride	4.799	84	7068	9.001	ug/l #	89

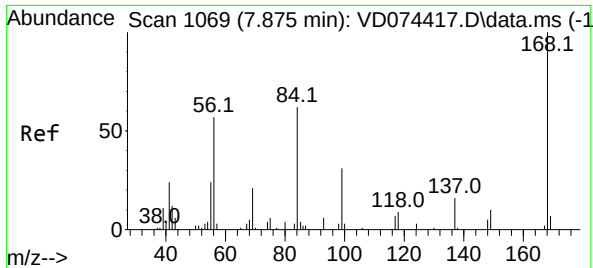
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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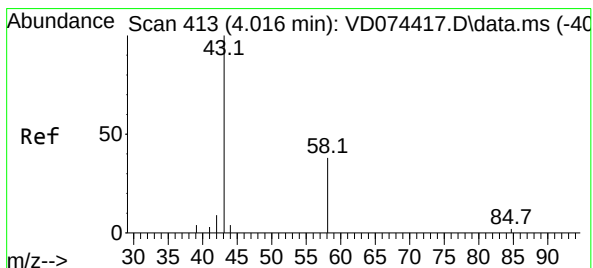
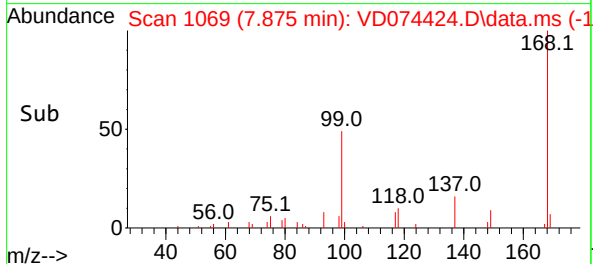
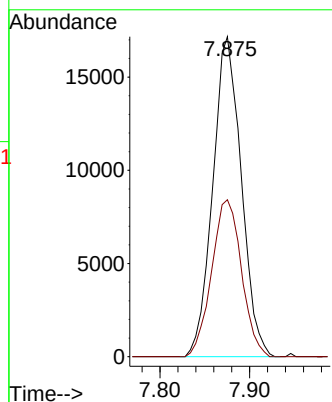
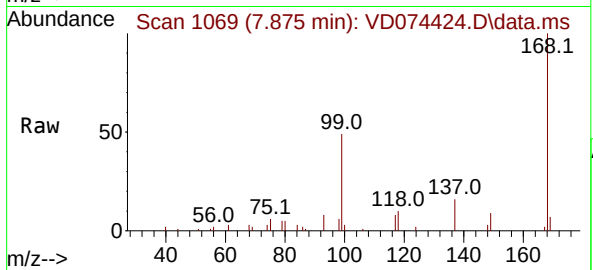




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074424.D
Acq: 26 Sep 2022 17:38

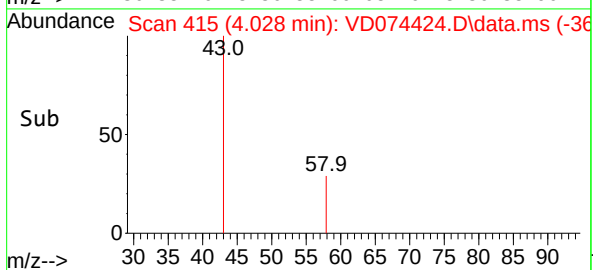
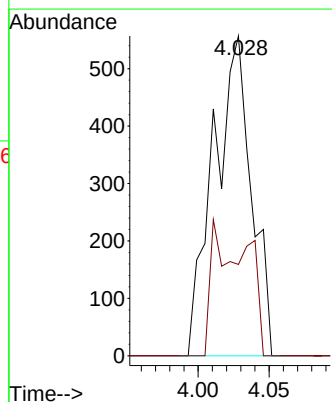
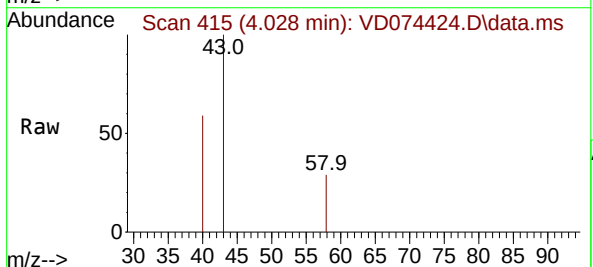
Instrument :
MSVOA_D
ClientSampleId :
A3-8-18

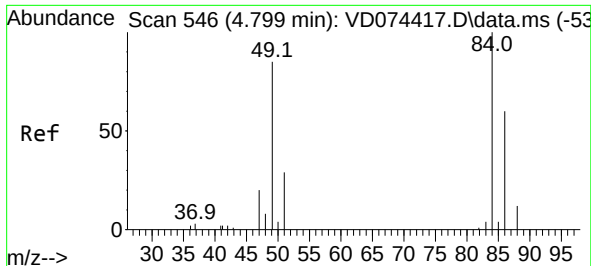
Tgt Ion:168 Resp: 37818
Ion Ratio Lower Upper
168 100
99 49.0 40.9 61.3



#16
Acetone
Concen: 16.339 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.012 min
Lab File: VD074424.D
Acq: 26 Sep 2022 17:38

Tgt Ion: 43 Resp: 1032
Ion Ratio Lower Upper
43 100
58 28.5 30.2 45.2#

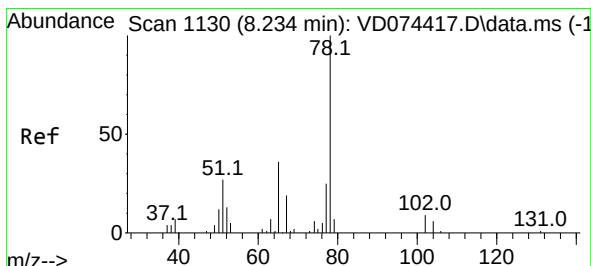
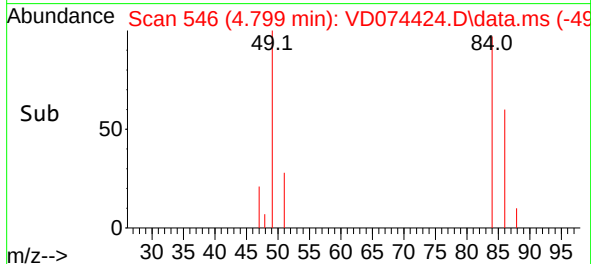
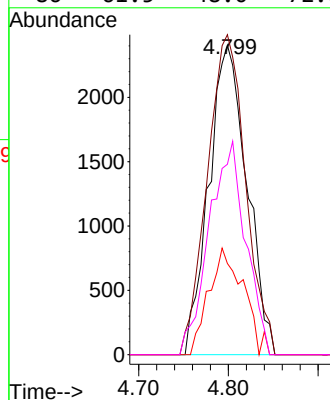
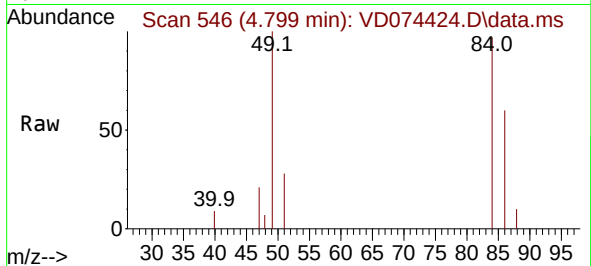




#20
Methylene Chloride
Concen: 9.001 ug/l
RT: 4.799 min Scan# 54
Delta R.T. -0.000 min
Lab File: VD074424.D
Acq: 26 Sep 2022 17:38

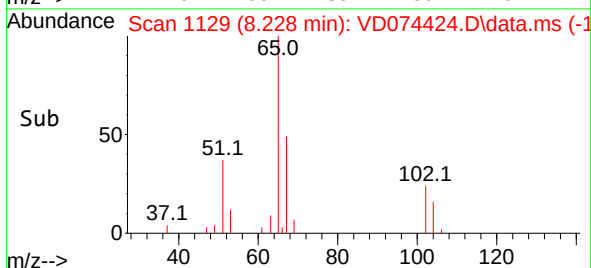
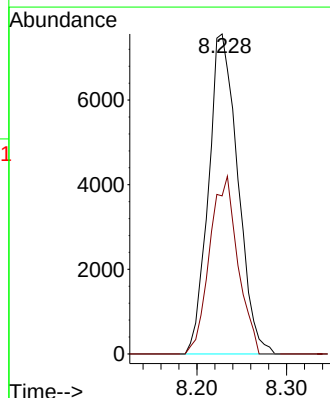
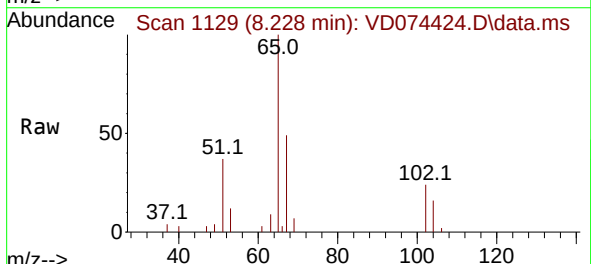
Instrument :
MSVOA_D
ClientSampleId :
A3-8-18

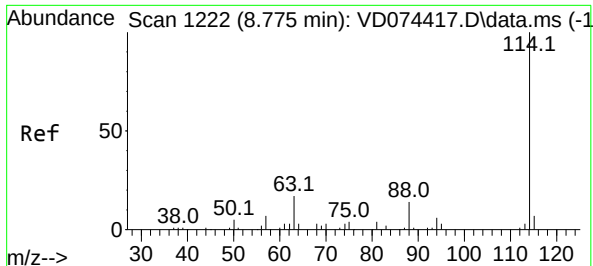
Tgt Ion:	84	Resp:	7068
Ion	Ratio	Lower	Upper
84	100		
49	103.4	68.0	102.0#
51	29.4	23.2	34.8
86	61.5	48.0	72.0



#33
1,2-Dichloroethane-d4
Concen: 52.689 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD074424.D
Acq: 26 Sep 2022 17:38

Tgt Ion:	65	Resp:	17155
Ion	Ratio	Lower	Upper
65	100		
67	53.3	0.0	110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1

Delta R.T. 0.006 min

Lab File: VD074424.D

Acq: 26 Sep 2022 17:38

Instrument :

MSVOA_D

ClientSampleId :

A3-8-18

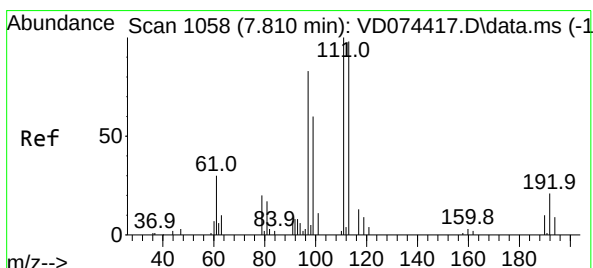
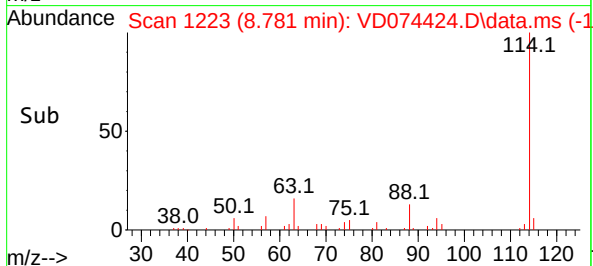
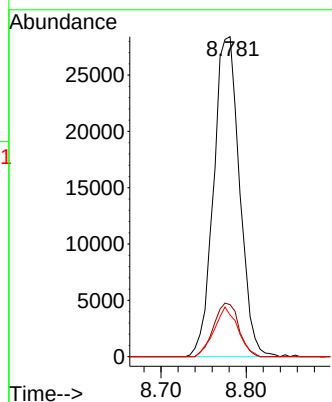
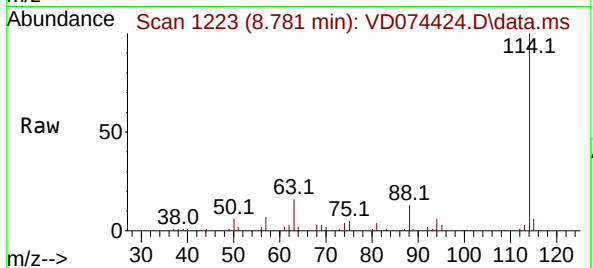
Tgt Ion:114 Resp: 59937

Ion Ratio Lower Upper

114 100

63 16.3 0.0 33.2

88 13.0 0.0 28.2



#35

Dibromofluoromethane

Concen: 48.824 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VD074424.D

Acq: 26 Sep 2022 17:38

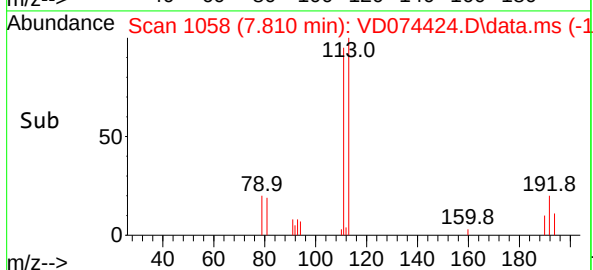
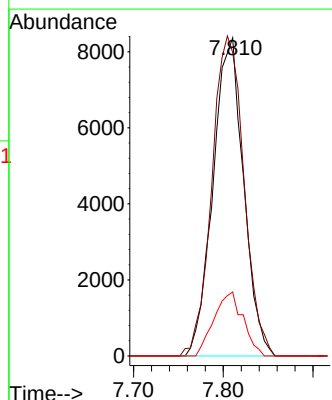
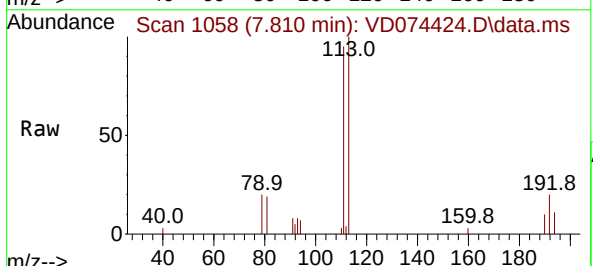
Tgt Ion:113 Resp: 19730

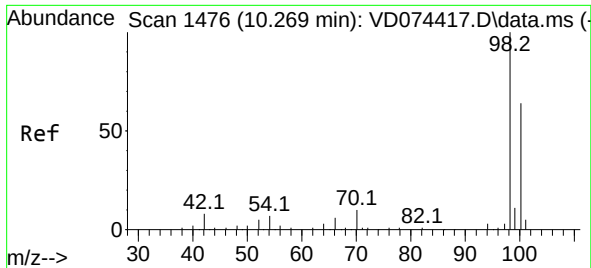
Ion Ratio Lower Upper

113 100

111 105.5 82.3 123.5

192 19.1 16.4 24.6

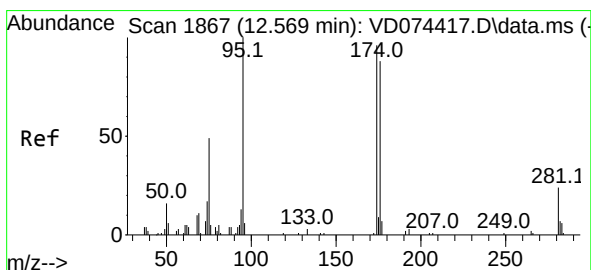
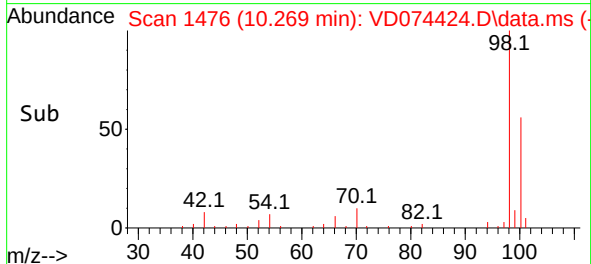
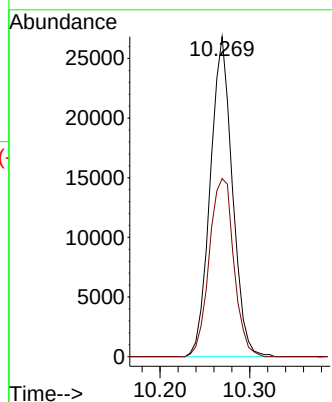
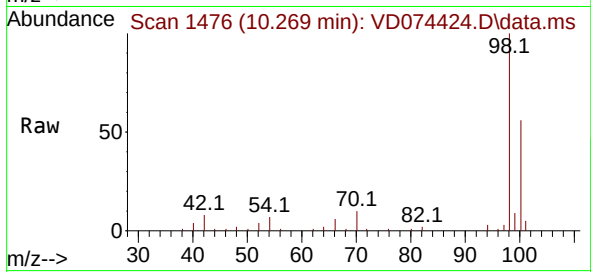




#50
Toluene-d8
Concen: 33.645 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074424.D
Acq: 26 Sep 2022 17:38

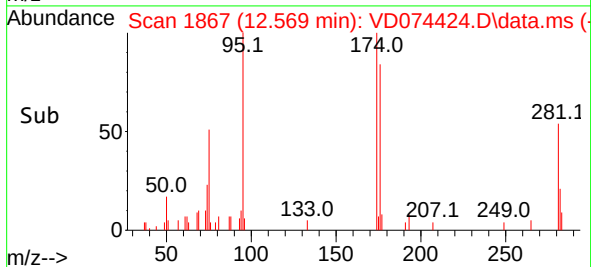
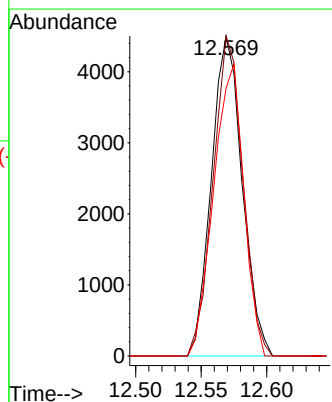
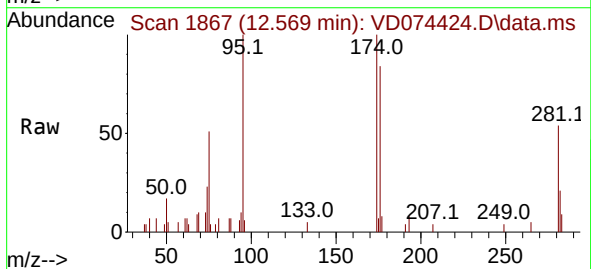
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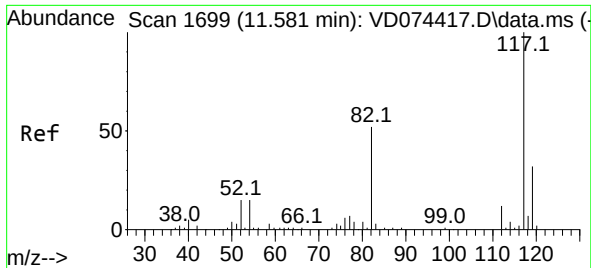
Tgt Ion: 98 Resp: 45859
Ion Ratio Lower Upper
98 100
100 61.8 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 10.773 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD074424.D
Acq: 26 Sep 2022 17:38

Tgt Ion: 95 Resp: 7347
Ion Ratio Lower Upper
95 100
174 96.8 0.0 197.0
176 89.4 0.0 182.6

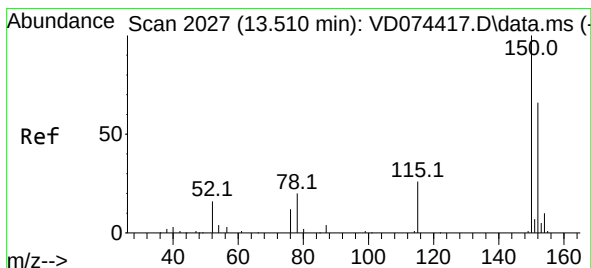
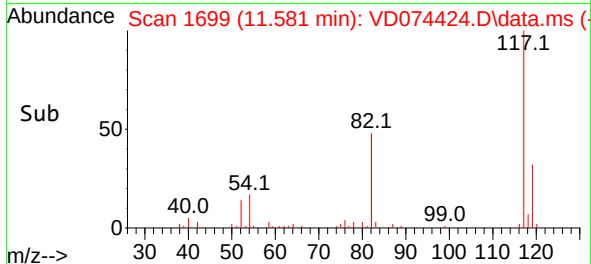
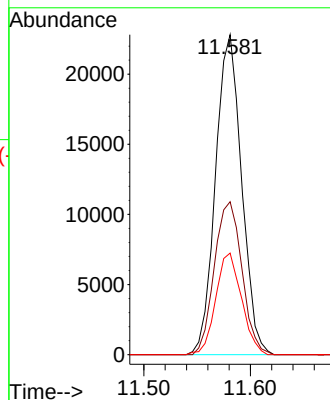
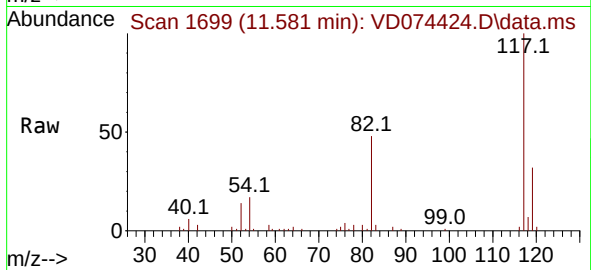




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD074424.D
Acq: 26 Sep 2022 17:38

Instrument :
MSVOA_D
ClientSampleId :
A3-8-18

Tgt Ion:117 Resp: 38828
Ion Ratio Lower Upper
117 100
82 47.8 41.6 62.4
119 31.7 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.510 min Scan# 2027
Delta R.T. 0.000 min
Lab File: VD074424.D
Acq: 26 Sep 2022 17:38

Tgt Ion:152 Resp: 12229
Ion Ratio Lower Upper
152 100
115 54.7 26.8 80.4
150 158.3 0.0 348.2

