

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091522\
 Data File : VD074318.D
 Acq On : 15 Sep 2022 19:50
 Operator : VA/SY
 Sample : N4584-01
 Misc : 5.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 33811

Quant Time: Sep 16 05:55:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090922S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 10 04:45:19 2022
 Response via : Initial Calibration

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

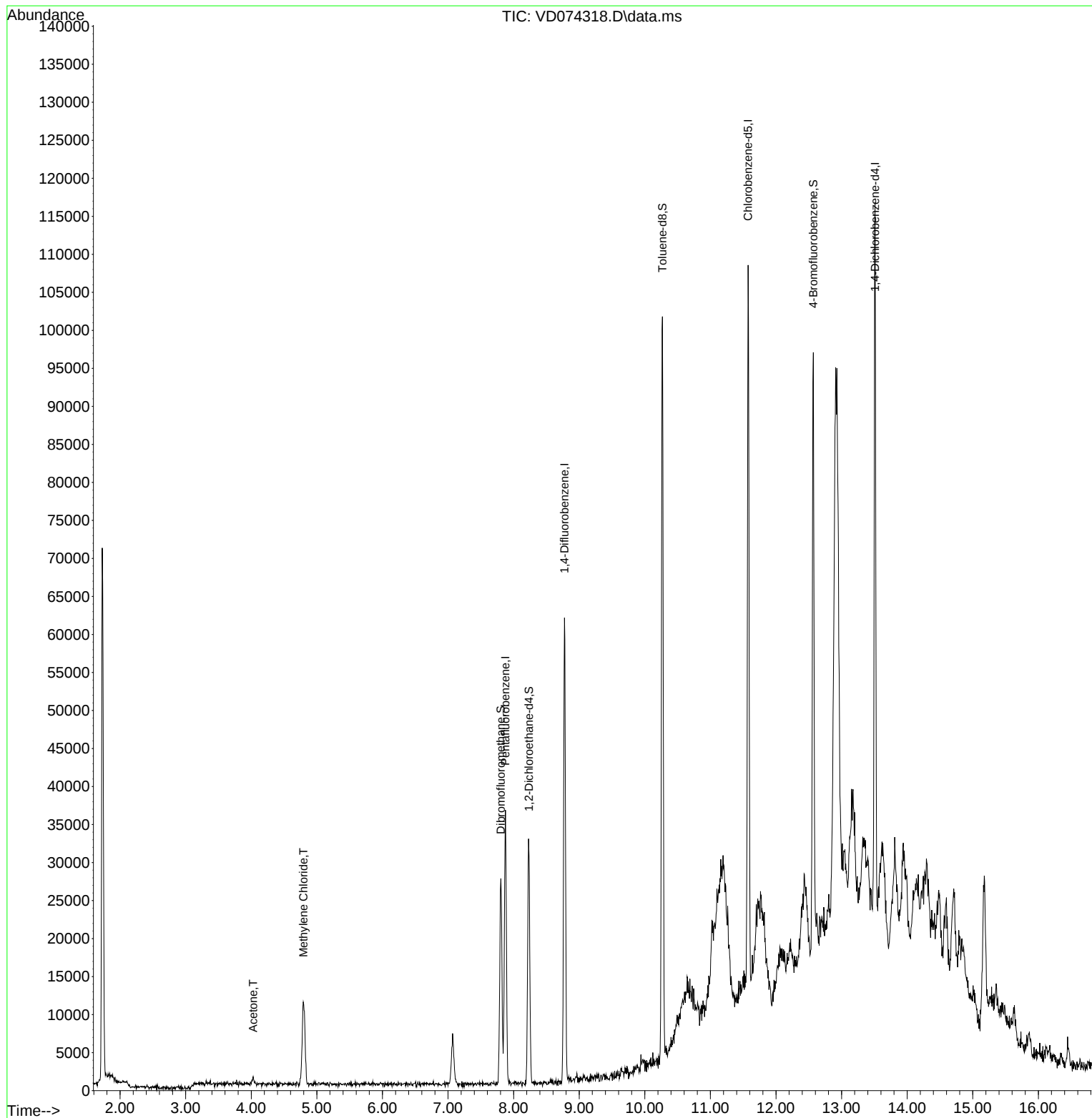
Internal Standards						
1) Pentafluorobenzene	7.875	168	27065	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	53117	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.575	117	53039	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	25243	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	25058	90.812	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 181.620%#	
35) Dibromofluoromethane	7.805	113	20094	56.990	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 113.980%	
50) Toluene-d8	10.269	98	69390	53.292	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.580%	
62) 4-Bromofluorobenzene	12.569	95	24204	53.744	ug/l	0.01
Spiked Amount	50.000	Range	25 - 144	Recovery	= 107.480%	
Target Compounds						
					Qvalue	
16) Acetone	4.028	43	1347	23.650	ug/l	100
20) Methylene Chloride	4.793	84	8861	22.166	ug/l #	90

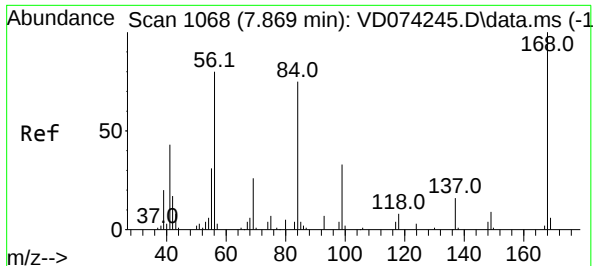
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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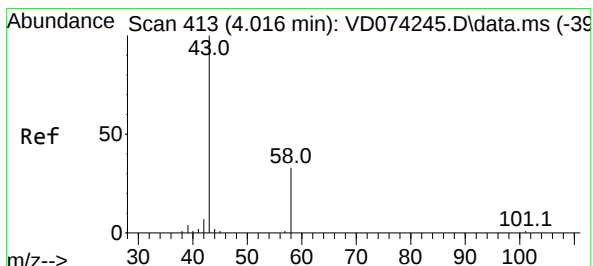
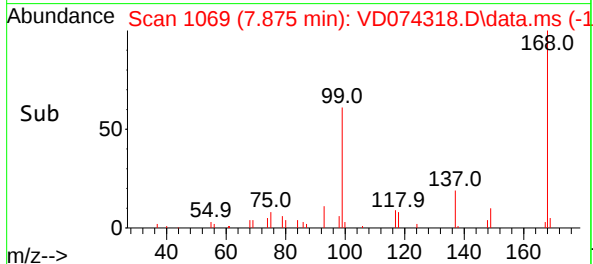
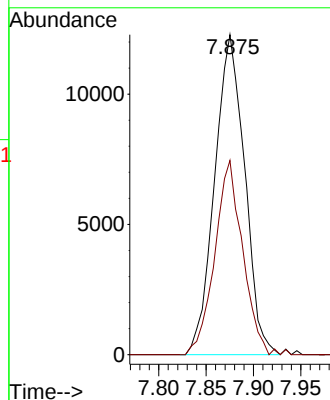
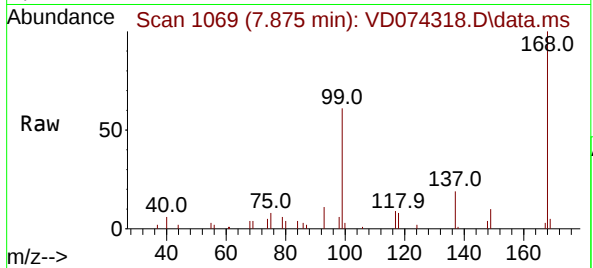




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1068
Delta R.T. 0.006 min
Lab File: VD074318.D
Acq: 15 Sep 2022 19:50

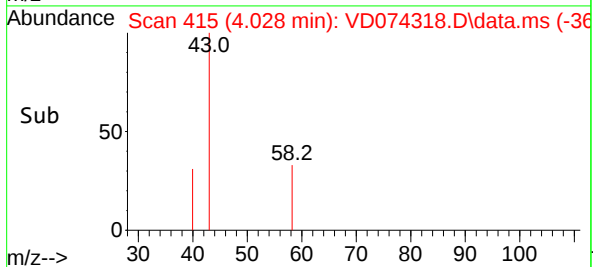
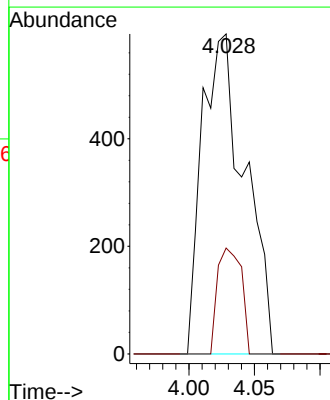
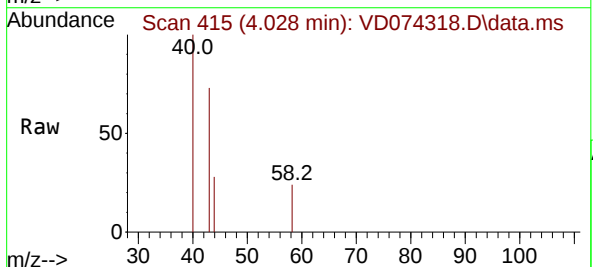
Instrument :
MSVOA_D
ClientSampleId :
33811

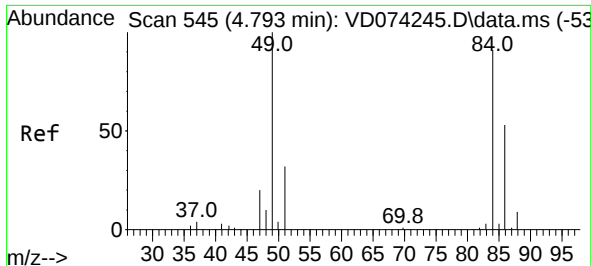
Tgt Ion:168 Resp: 27065
Ion Ratio Lower Upper
168 100
99 60.7 43.0 64.6



#16
Acetone
Concen: 23.650 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.012 min
Lab File: VD074318.D
Acq: 15 Sep 2022 19:50

Tgt Ion: 43 Resp: 1347
Ion Ratio Lower Upper
43 100
58 33.1 26.4 39.6

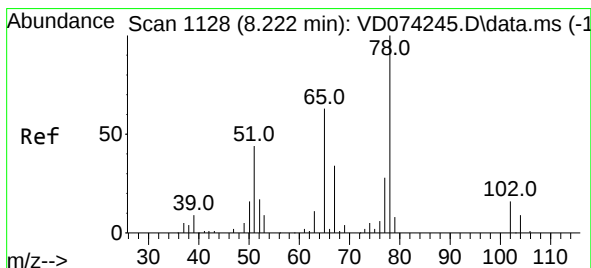
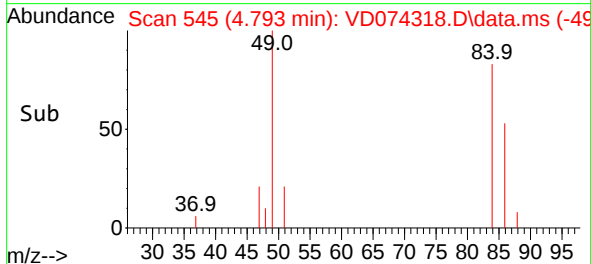
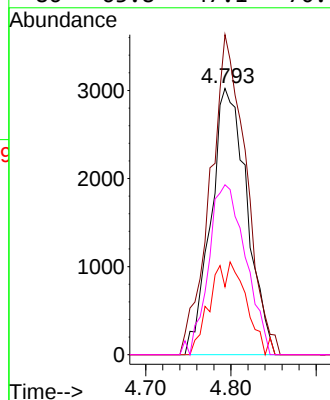
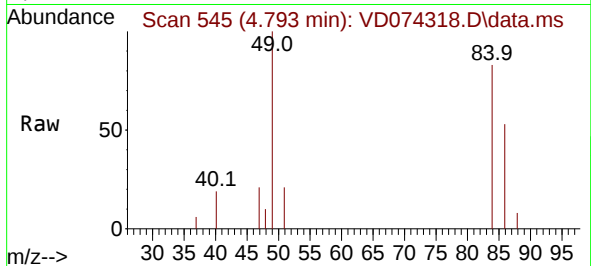




#20
Methylene Chloride
Concen: 22.166 ug/l
RT: 4.793 min Scan# 54
Delta R.T. 0.000 min
Lab File: VD074318.D
Acq: 15 Sep 2022 19:50

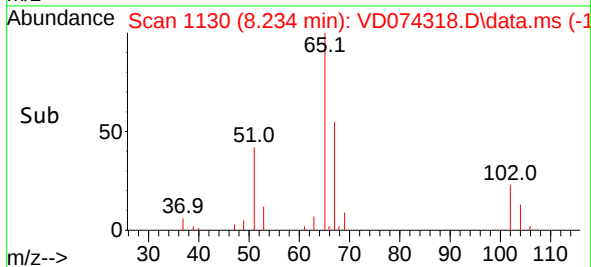
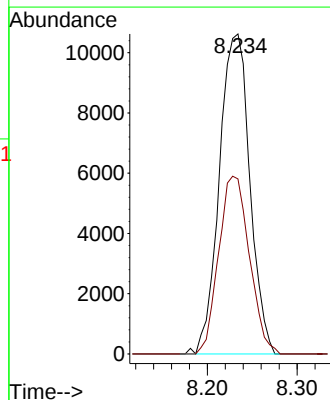
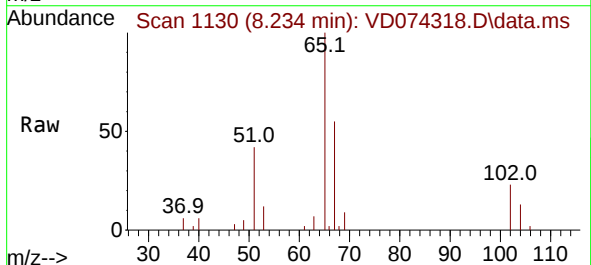
Instrument :
MSVOA_D
ClientSampleId :
33811

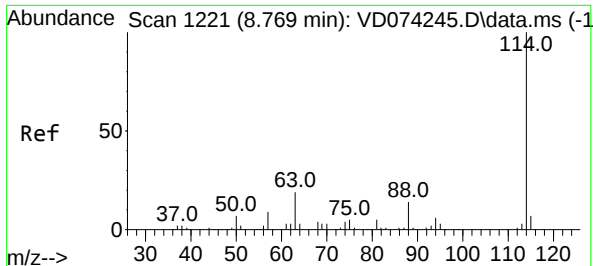
Tgt Ion: 84	Resp: 8861
Ion Ratio	Lower Upper
84 100	
49 120.2	88.4 132.6
51 25.5	28.0 42.0#
86 63.8	47.1 70.7



#33
1,2-Dichloroethane-d4
Concen: 90.812 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.012 min
Lab File: VD074318.D
Acq: 15 Sep 2022 19:50

Tgt Ion: 65	Resp: 25058
Ion Ratio	Lower Upper
65 100	
67 56.0	0.0 110.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD074318.D

Acq: 15 Sep 2022 19:50

Instrument :

MSVOA_D

ClientSampleId :

33811

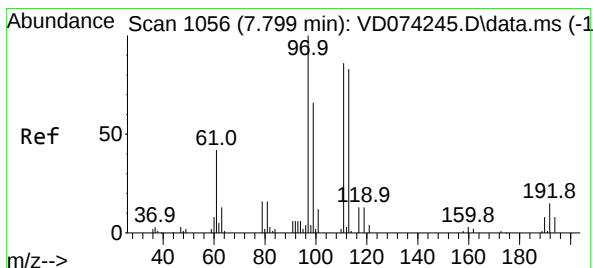
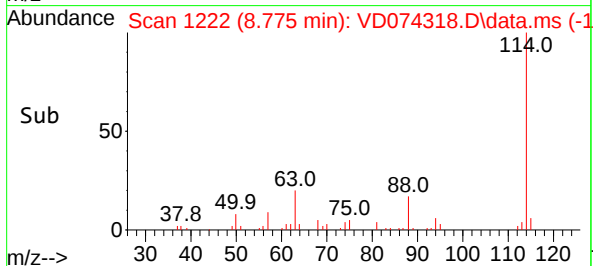
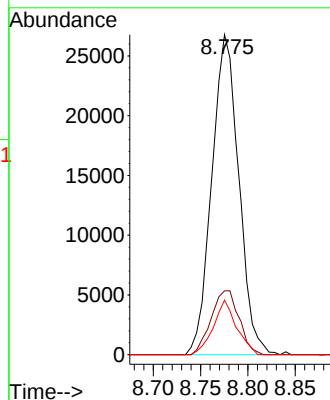
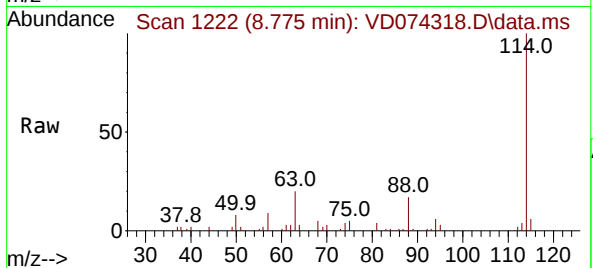
Tgt Ion:114 Resp: 53117

Ion Ratio Lower Upper

114 100

63 19.9 0.0 37.6

88 17.0 0.0 28.4



#35

Dibromofluoromethane

Concen: 56.990 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VD074318.D

Acq: 15 Sep 2022 19:50

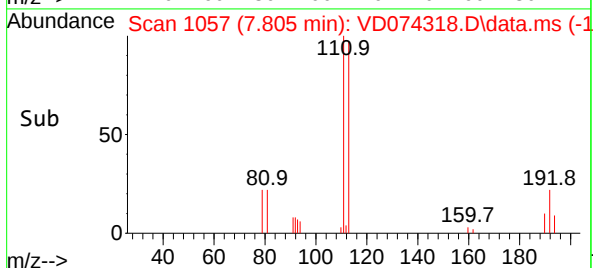
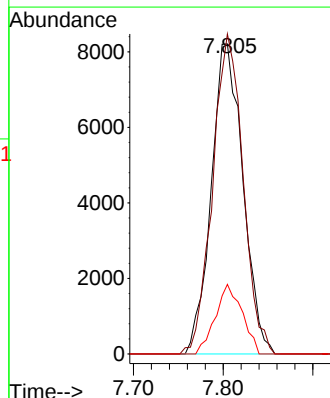
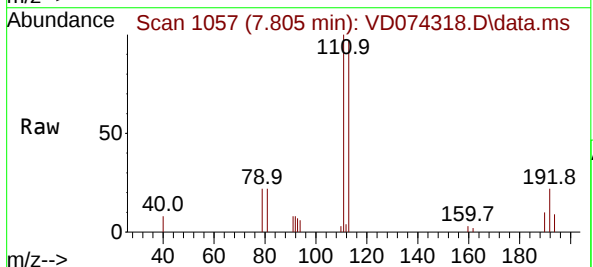
Tgt Ion:113 Resp: 20094

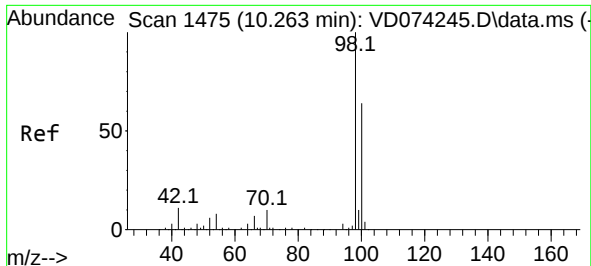
Ion Ratio Lower Upper

113 100

111 99.3 83.0 124.6

192 19.0 16.2 24.2

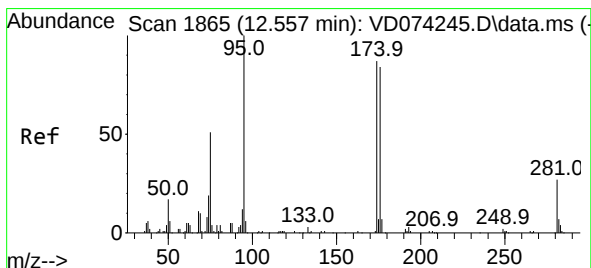
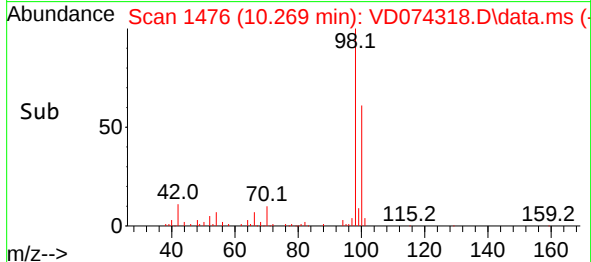
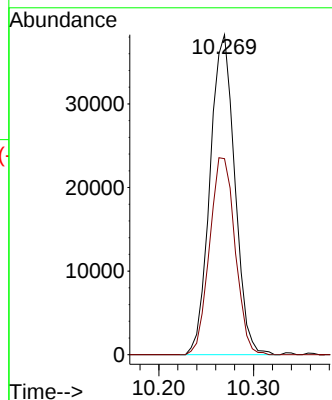
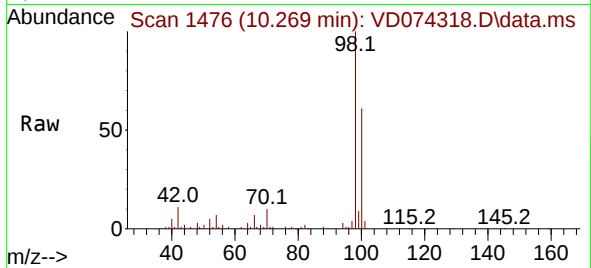




#50
Toluene-d8
Concen: 53.292 ug/l
RT: 10.269 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VD074318.D
Acq: 15 Sep 2022 19:50

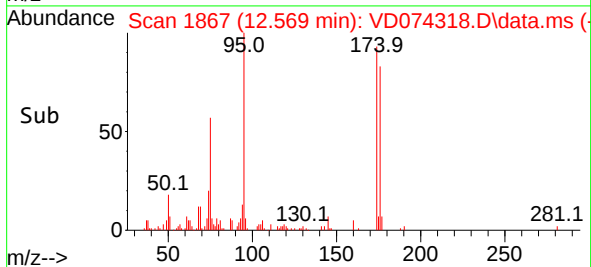
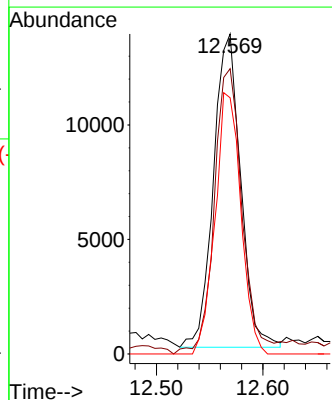
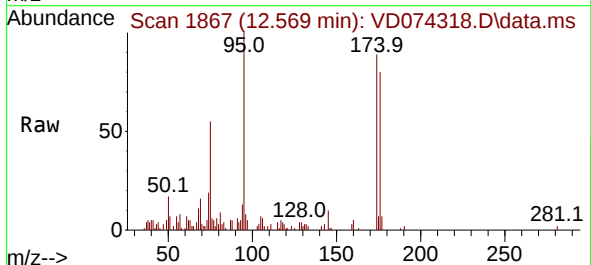
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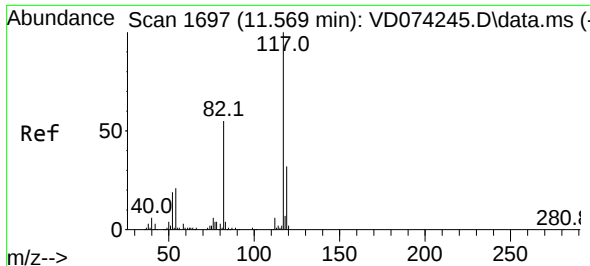
Tgt Ion: 98 Resp: 69390
Ion Ratio Lower Upper
98 100
100 63.4 51.8 77.8



#62
4-Bromofluorobenzene
Concen: 53.744 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.012 min
Lab File: VD074318.D
Acq: 15 Sep 2022 19:50

Tgt Ion: 95 Resp: 24204
Ion Ratio Lower Upper
95 100
174 92.8 0.0 179.2
176 79.3 0.0 171.4

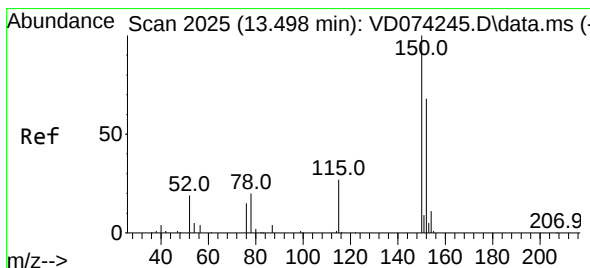
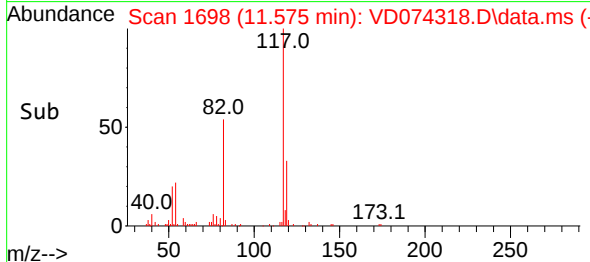
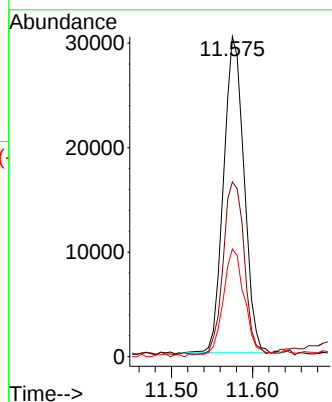
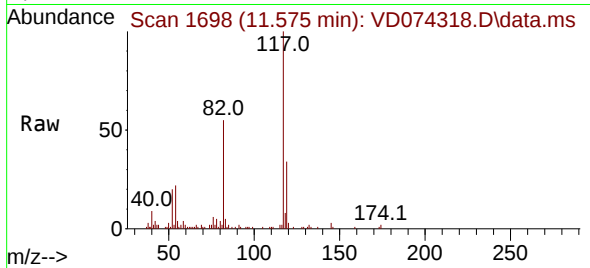




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.575 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD074318.D
Acq: 15 Sep 2022 19:50

Instrument :
MSVOA_D
ClientSampleId :
33811

Tgt Ion:117 Resp: 53039
Ion Ratio Lower Upper
117 100
82 54.3 44.2 66.2
119 33.5 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.510 min Scan# 2027
Delta R.T. 0.012 min
Lab File: VD074318.D
Acq: 15 Sep 2022 19:50

Tgt Ion:152 Resp: 25243
Ion Ratio Lower Upper
152 100
115 61.7 28.4 85.2
150 154.8 0.0 351.0

