

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111722\
 Data File : VD074973.D
 Acq On : 17 Nov 2022 16:50
 Operator : VA/SY
 Sample : N5642-13RE
 Misc : 6.58G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 LEFT-SIDE-FLATS-33RE

Quant Time: Nov 17 22:36:34 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)

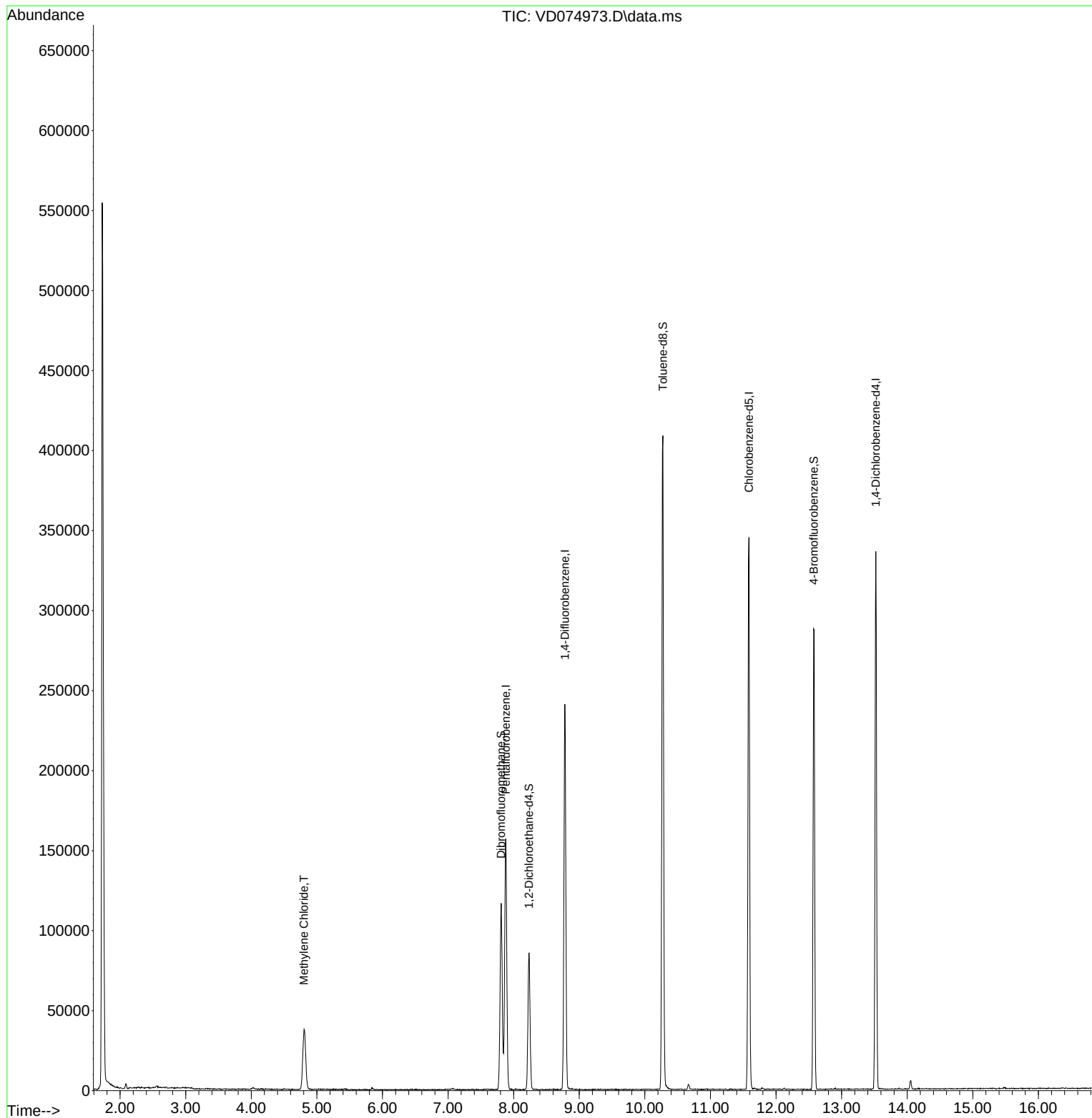
Internal Standards						
1) Pentafluorobenzene	7.881	168	127838	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	232184	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	219327	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	97292	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	66333	81.867	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 163.740%#	
35) Dibromofluoromethane	7.810	113	82519	57.655	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 115.320%	
50) Toluene-d8	10.275	98	303918	64.463	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 128.920%	
62) 4-Bromofluorobenzene	12.575	95	86698	59.887	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 119.780%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.805	84	34273	7.993	ug/l	90

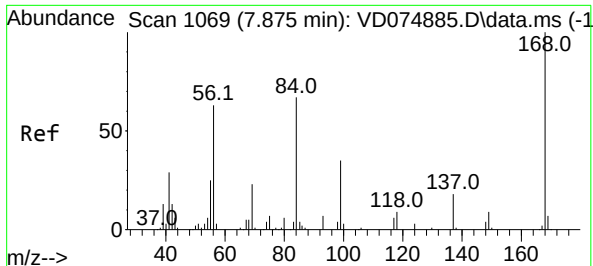
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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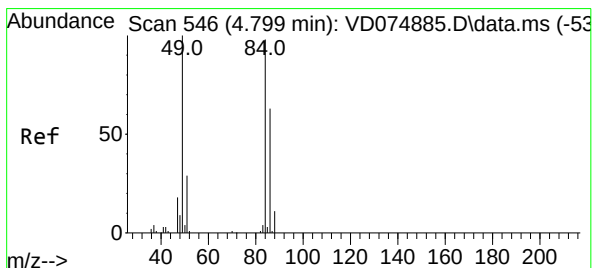
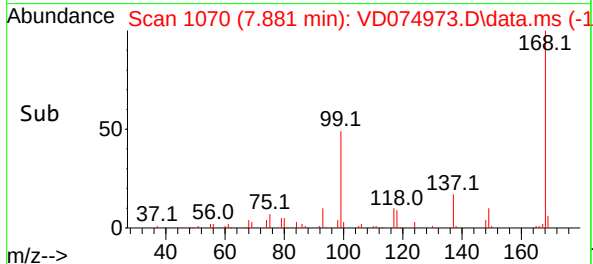
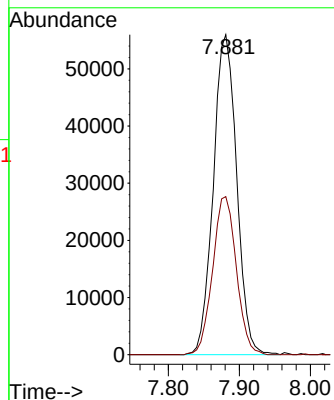
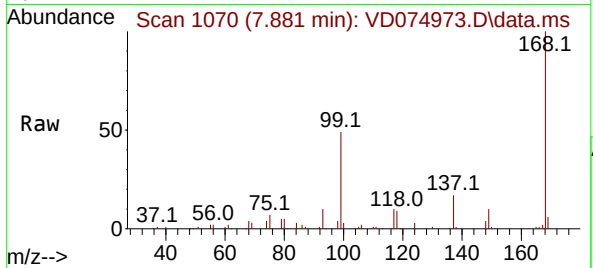




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD074973.D
Acq: 17 Nov 2022 16:50

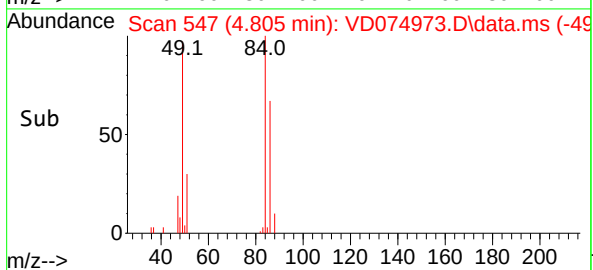
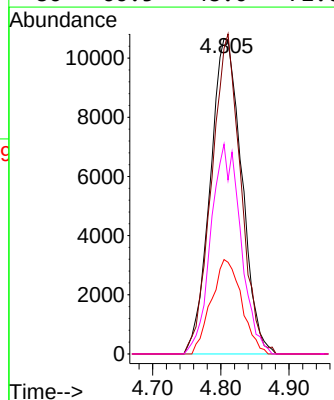
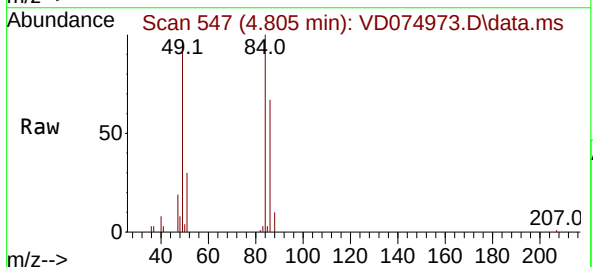
Instrument :
MSVOA_D
ClientSampleId :
LEFT-SIDE-FLATS-33RE

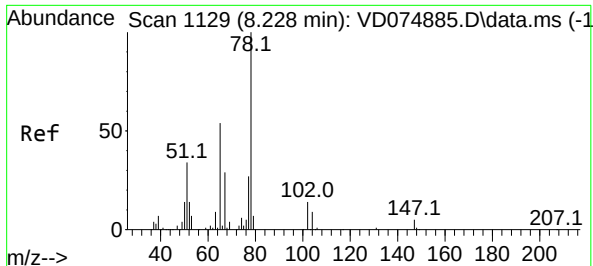
Tgt Ion:168 Resp: 127838
Ion Ratio Lower Upper
168 100
99 49.4 40.9 61.3



#20
Methylene Chloride
Concen: 7.993 ug/l
RT: 4.805 min Scan# 547
Delta R.T. 0.006 min
Lab File: VD074973.D
Acq: 17 Nov 2022 16:50

Tgt Ion: 84 Resp: 34273
Ion Ratio Lower Upper
84 100
49 96.9 68.0 102.0
51 29.9 23.2 34.8
86 66.5 48.0 72.0





#33

1,2-Dichloroethane-d4

Concen: 81.867 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VD074973.D

Acq: 17 Nov 2022 16:50

Instrument :

MSVOA_D

ClientSampleId :

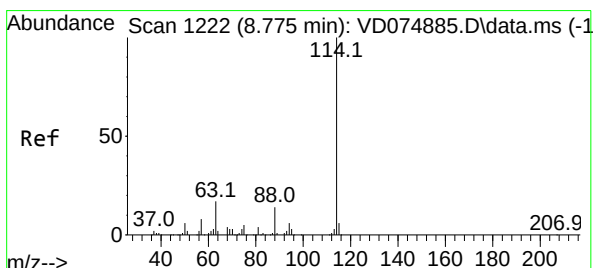
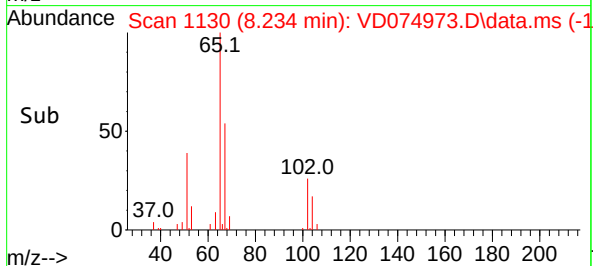
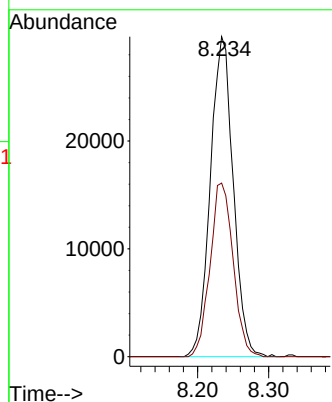
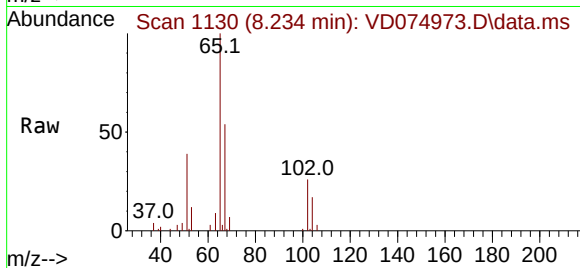
LEFT-SIDE-FLATS-33RE

Tgt Ion: 65 Resp: 66333

Ion Ratio Lower Upper

65 100

67 54.7 0.0 110.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD074973.D

Acq: 17 Nov 2022 16:50

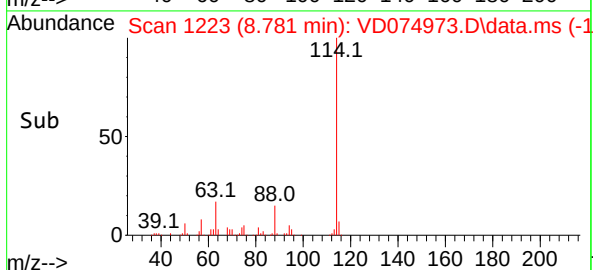
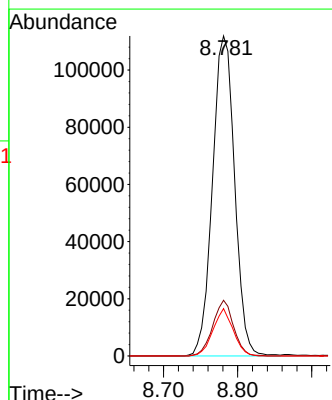
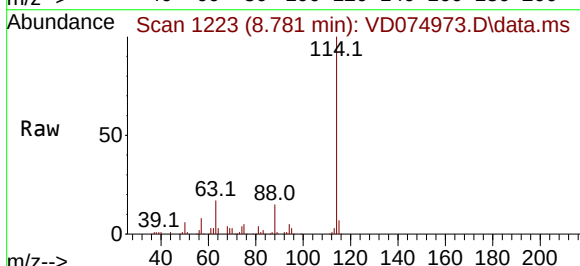
Tgt Ion: 114 Resp: 232184

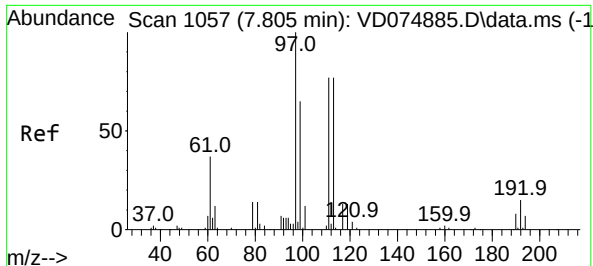
Ion Ratio Lower Upper

114 100

63 17.4 0.0 33.2

88 14.8 0.0 28.2





#35

Dibromofluoromethane

Concen: 57.655 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.005 min

Lab File: VD074973.D

Acq: 17 Nov 2022 16:50

Instrument :

MSVOA_D

ClientSampleId :

LEFT-SIDE-FLATS-33RE

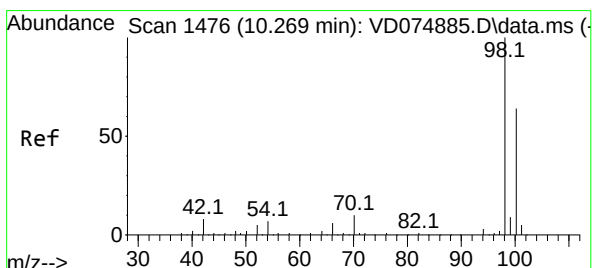
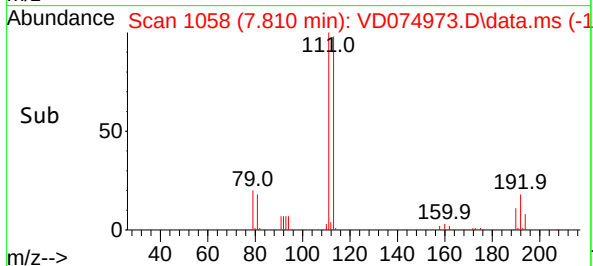
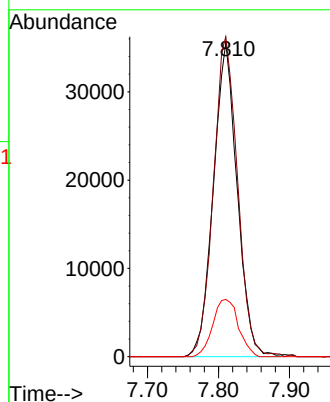
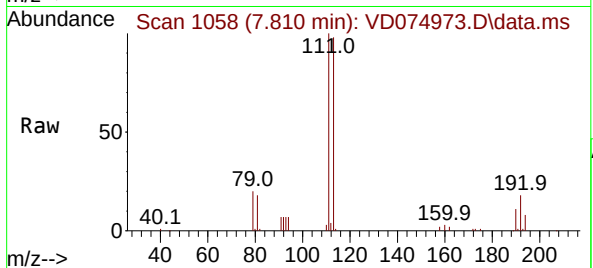
Tgt Ion:113 Resp: 82519

Ion Ratio Lower Upper

113 100

111 103.4 82.3 123.5

192 19.7 16.4 24.6



#50

Toluene-d8

Concen: 64.463 ug/l

RT: 10.275 min Scan# 1477

Delta R.T. 0.006 min

Lab File: VD074973.D

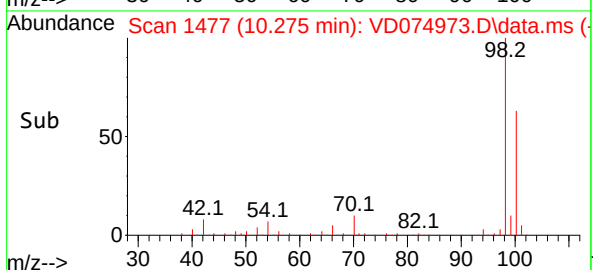
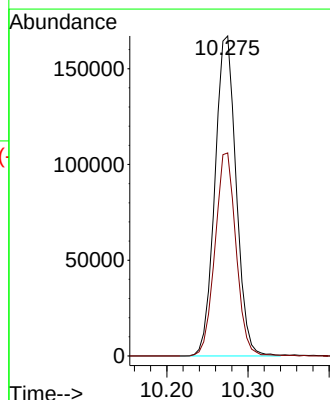
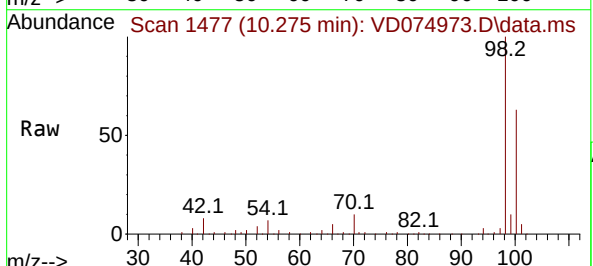
Acq: 17 Nov 2022 16:50

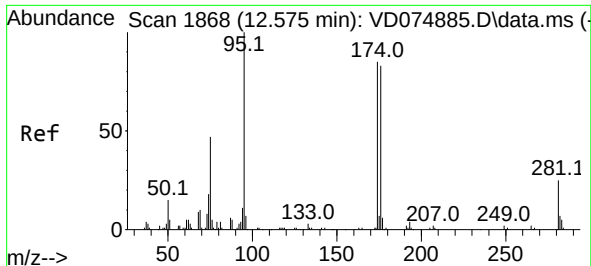
Tgt Ion: 98 Resp: 303918

Ion Ratio Lower Upper

98 100

100 62.9 51.4 77.0

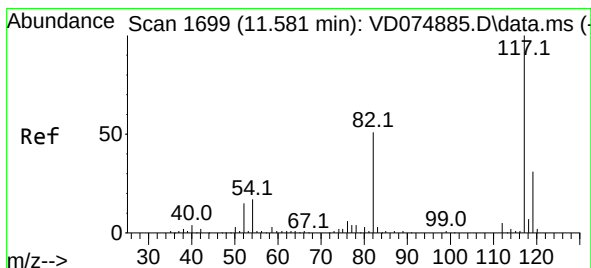
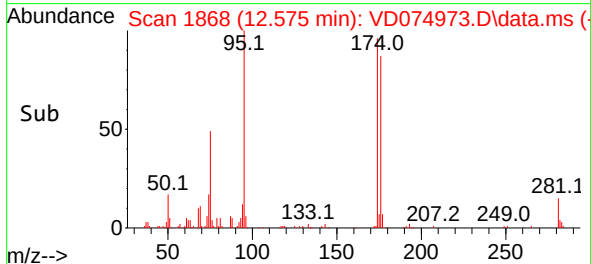
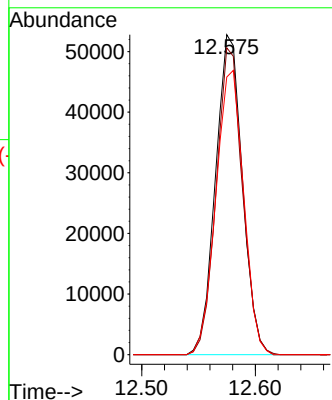
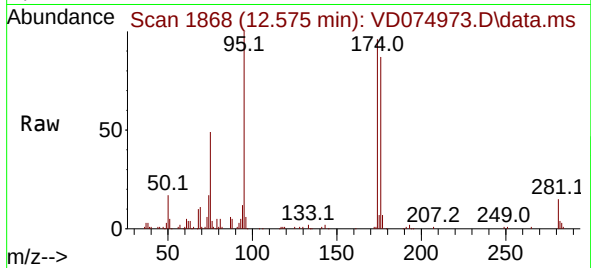




#62
4-Bromofluorobenzene
Concen: 59.887 ug/l
RT: 12.575 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD074973.D
Acq: 17 Nov 2022 16:50

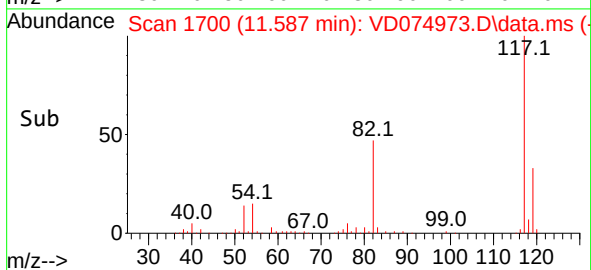
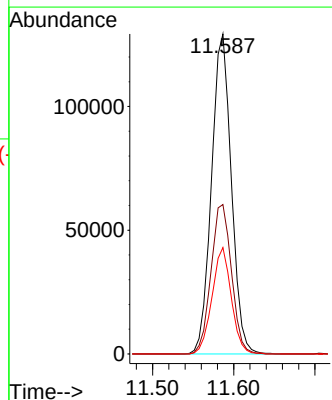
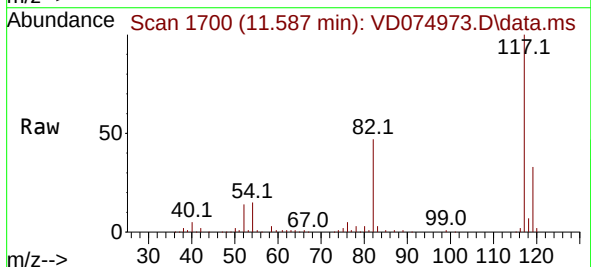
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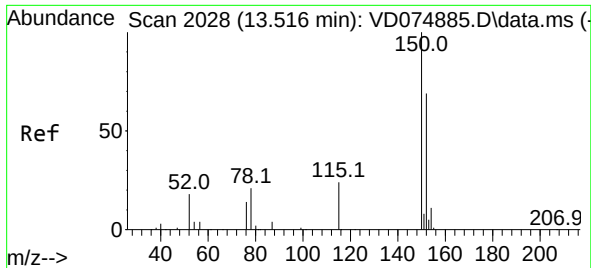
Tgt Ion: 95 Resp: 86698
Ion Ratio Lower Upper
95 100
174 93.9 0.0 197.0
176 91.8 0.0 182.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 1700
Delta R.T. 0.006 min
Lab File: VD074973.D
Acq: 17 Nov 2022 16:50

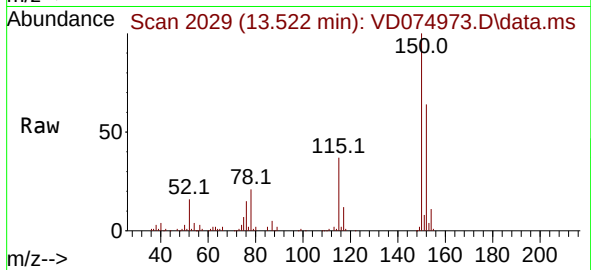
Tgt Ion: 117 Resp: 219327
Ion Ratio Lower Upper
117 100
82 46.7 41.6 62.4
119 33.3 25.2 37.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.522 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VD074973.D
 Acq: 17 Nov 2022 16:50

Instrument :
 MSVOA_D
 ClientSampleId :
 LEFT-SIDE-FLATS-33RE



Tgt Ion:152 Resp: 97292
 Ion Ratio Lower Upper
 152 100
 115 55.3 26.8 80.4
 150 156.8 0.0 348.2

