

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081022\
 Data File : VD074030.D
 Acq On : 10 Aug 2022 17:33
 Operator : VA/SY
 Sample : N4088-01RE
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PL-02-080522RE

Quant Time: Aug 10 18:04:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081022S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 10 14:55:58 2022
 Response via : Initial Calibration

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

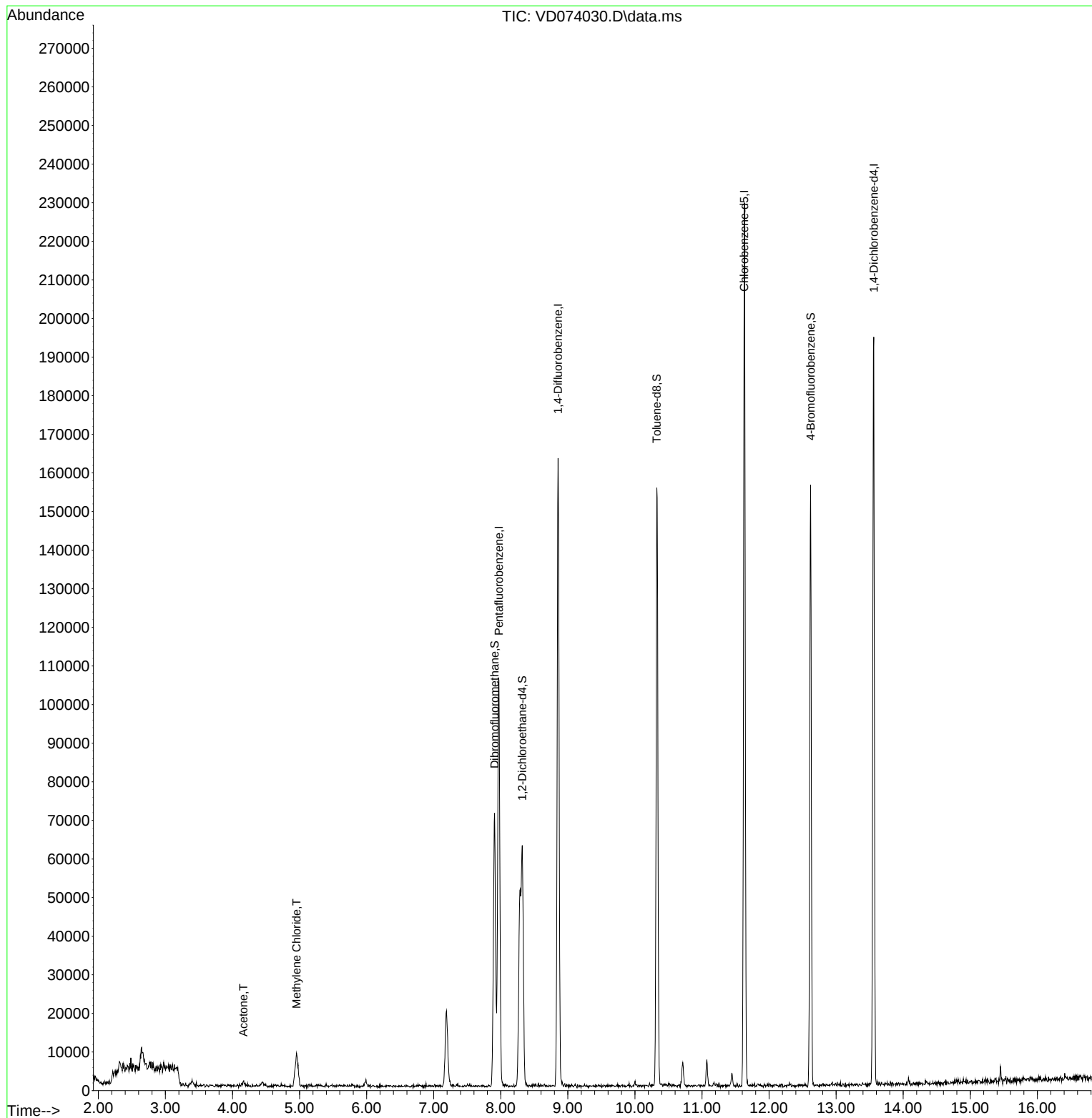
Internal Standards						
1) Pentafluorobenzene	7.973	168	77236	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	133928	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	126752	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	49596	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	45835	79.635	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	159.280%
35) Dibromofluoromethane	7.908	113	46793	52.604	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.200%
50) Toluene-d8	10.326	98	107554	45.736	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	91.480%
62) 4-Bromofluorobenzene	12.620	95	47481	43.405	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	86.820%
Target Compounds						
16) Acetone	4.162	43	1925	15.577	ug/l	96
20) Methylene Chloride	4.956	84	6665	5.433	ug/l	93

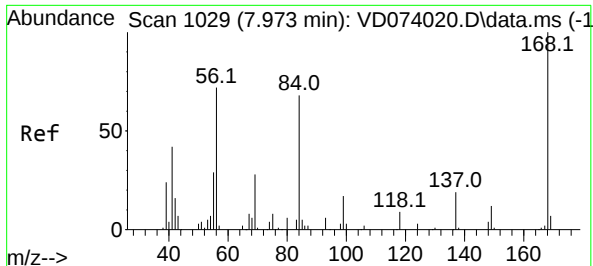
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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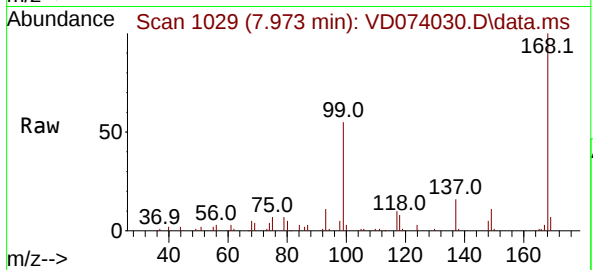
Quant Time: Aug 10 18:04:00 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081022S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 10 14:55:58 2022
Response via : Initial Calibration



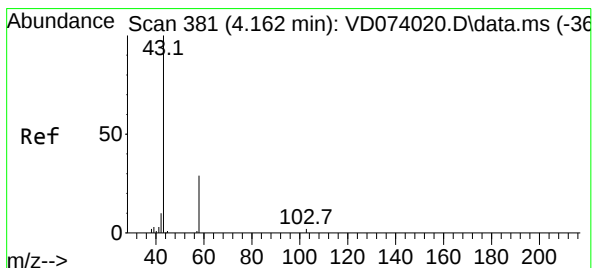
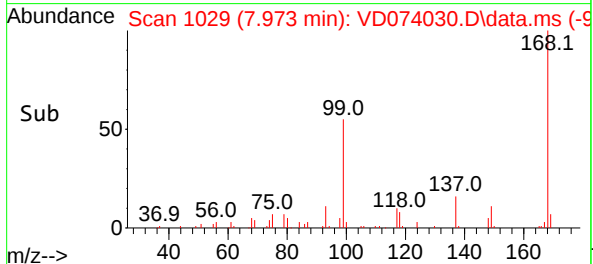
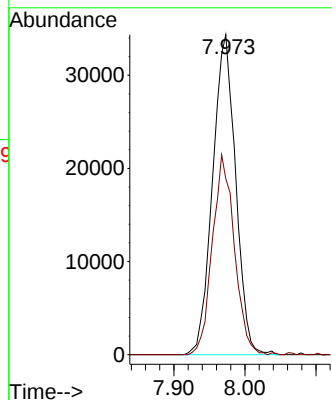


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD074030.D
Acq: 10 Aug 2022 17:33

Instrument :
MSVOA_D
ClientSampleId :
PL-02-080522RE

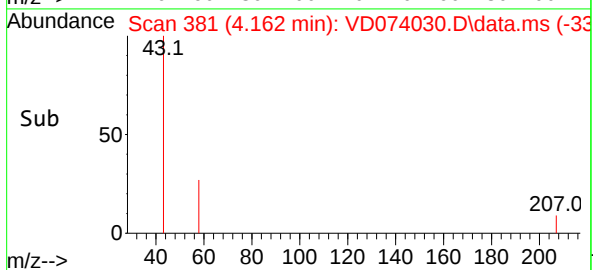
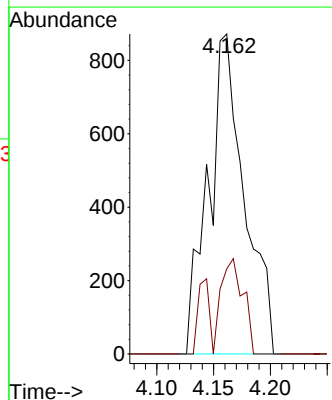
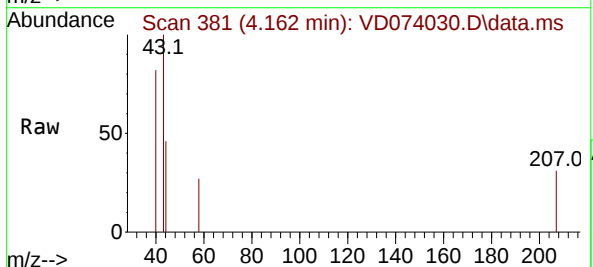


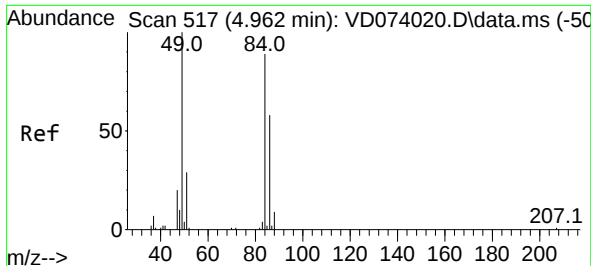
Tgt Ion:168 Resp: 77236
Ion Ratio Lower Upper
168 100
99 54.9 48.3 72.5



#16
Acetone
Concen: 15.577 ug/l
RT: 4.162 min Scan# 381
Delta R.T. -0.000 min
Lab File: VD074030.D
Acq: 10 Aug 2022 17:33

Tgt Ion: 43 Resp: 1925
Ion Ratio Lower Upper
43 100
58 26.6 22.8 34.2

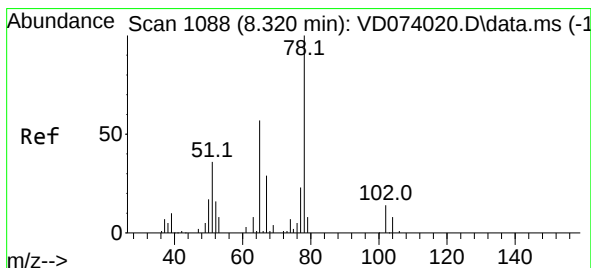
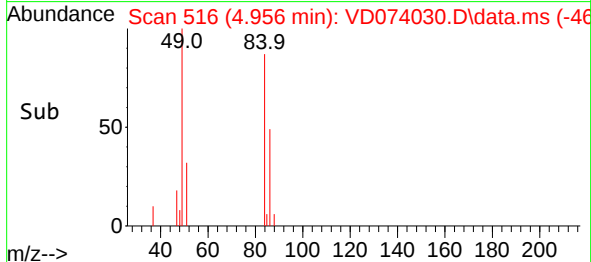
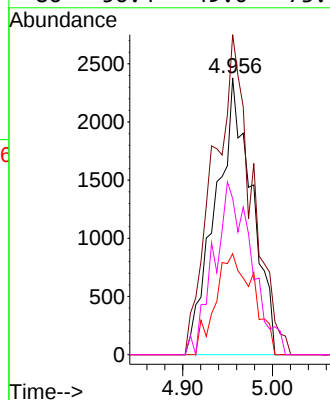
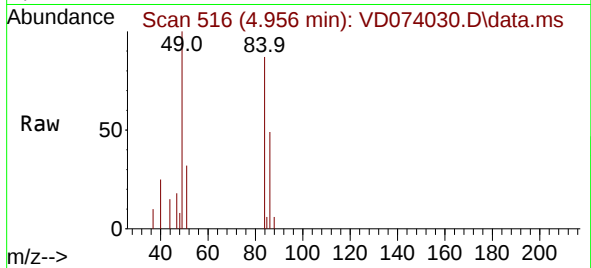




#20
Methylene Chloride
Concen: 5.433 ug/l
RT: 4.956 min Scan# 517
Delta R.T. -0.006 min
Lab File: VD074030.D
Acq: 10 Aug 2022 17:33

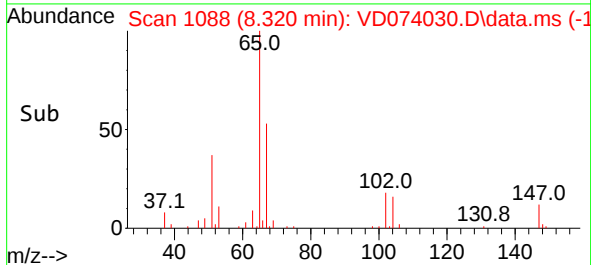
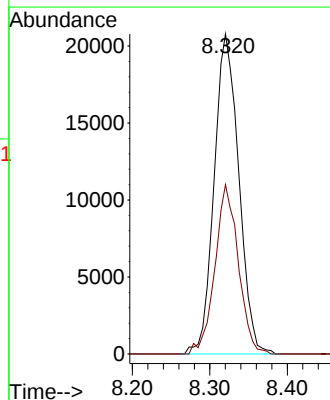
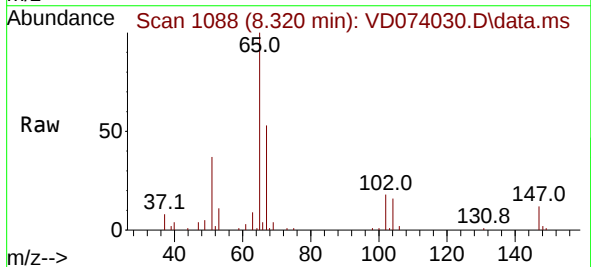
Instrument :
MSVOA_D
ClientSampleId :
PL-02-080522RE

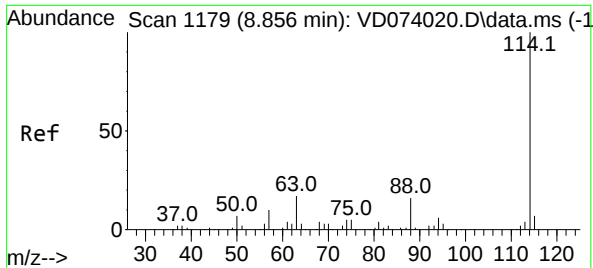
Tgt Ion:	84	Resp:	6665
Ion	Ratio	Lower	Upper
84	100		
49	115.6	85.8	128.6
51	36.4	28.0	42.0
86	56.4	49.0	73.4



#33
1,2-Dichloroethane-d4
Concen: 79.635 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VD074030.D
Acq: 10 Aug 2022 17:33

Tgt Ion:	65	Resp:	45835
Ion	Ratio	Lower	Upper
65	100		
67	50.2	0.0	113.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VD074030.D

Acq: 10 Aug 2022 17:33

Instrument :

MSVOA_D

ClientSampleId :

PL-02-080522RE

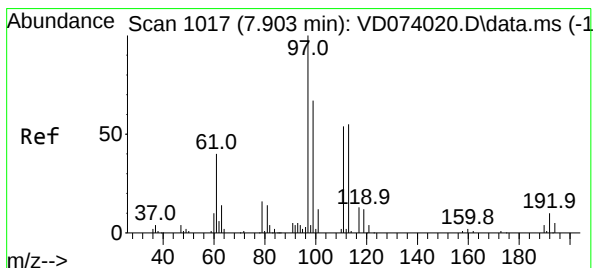
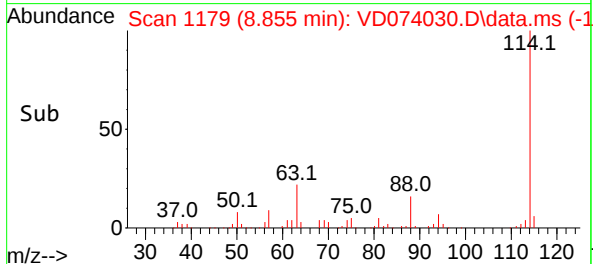
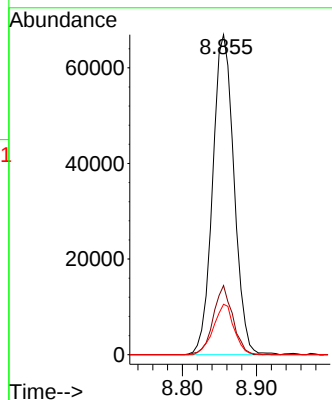
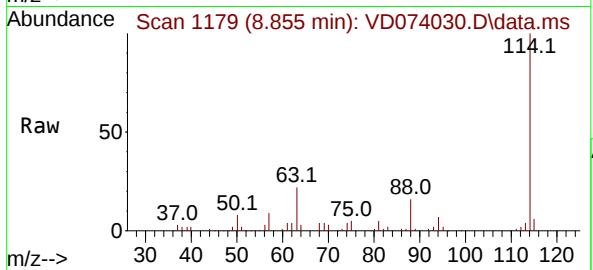
Tgt Ion:114 Resp: 133928

Ion Ratio Lower Upper

114 100

63 21.6 0.0 41.0

88 15.8 0.0 31.6



#35

Dibromofluoromethane

Concen: 52.604 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. 0.005 min

Lab File: VD074030.D

Acq: 10 Aug 2022 17:33

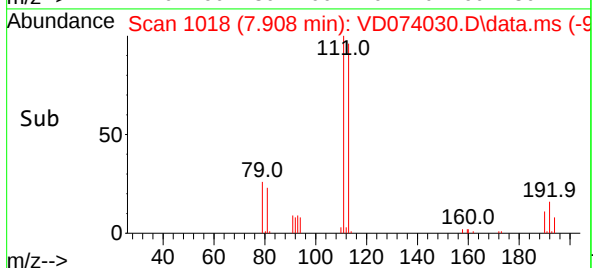
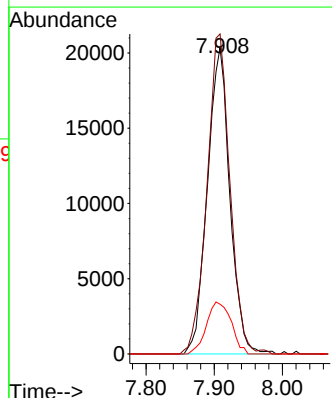
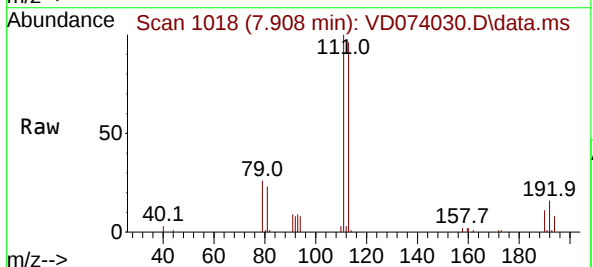
Tgt Ion:113 Resp: 46793

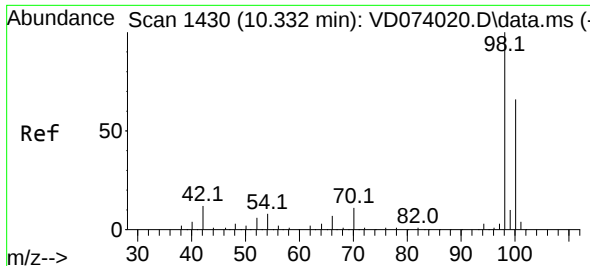
Ion Ratio Lower Upper

113 100

111 106.7 80.0 120.0

192 18.6 14.2 21.4

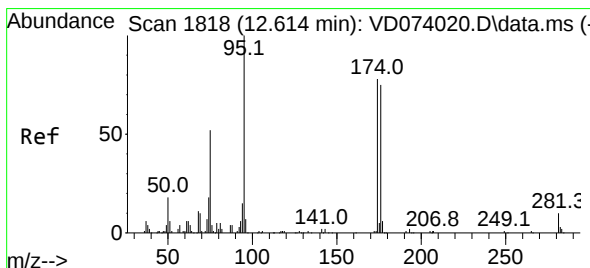
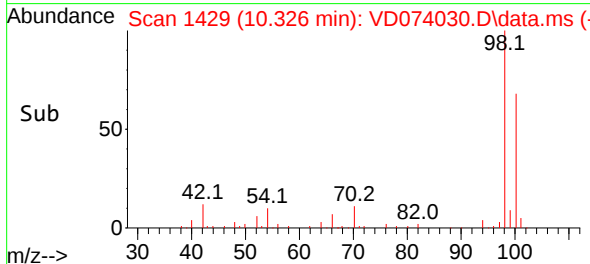
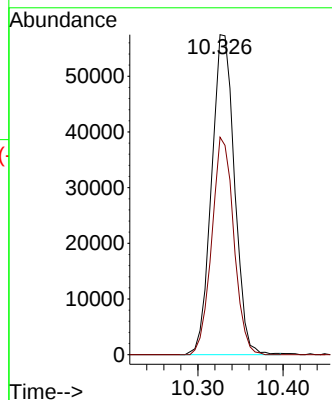
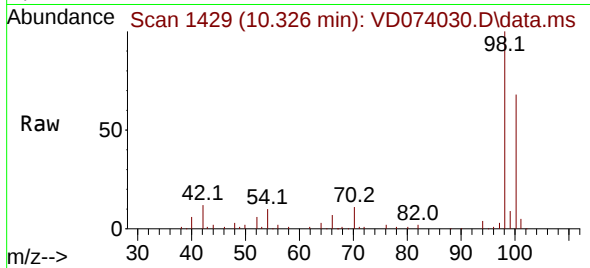




#50
Toluene-d8
Concen: 45.736 ug/l
RT: 10.326 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD074030.D
Acq: 10 Aug 2022 17:33

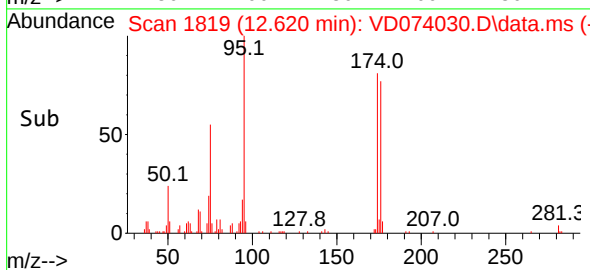
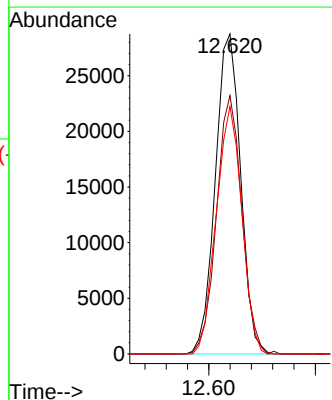
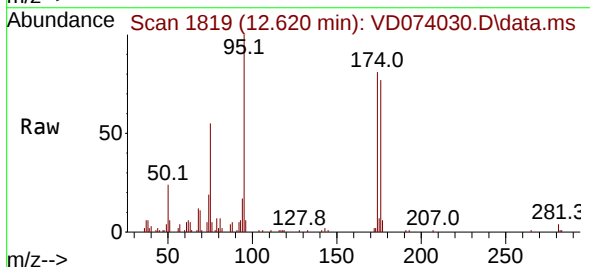
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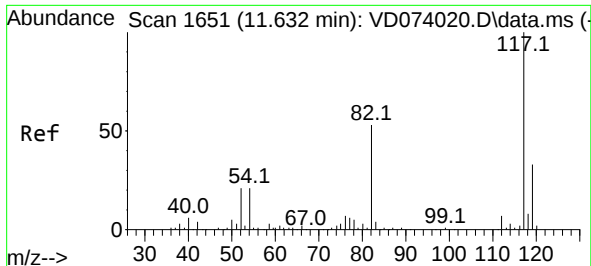
Tgt Ion: 98 Resp: 107554
Ion Ratio Lower Upper
98 100
100 65.3 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 43.405 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.006 min
Lab File: VD074030.D
Acq: 10 Aug 2022 17:33

Tgt Ion: 95 Resp: 47481
Ion Ratio Lower Upper
95 100
174 80.6 0.0 162.6
176 77.9 0.0 160.0

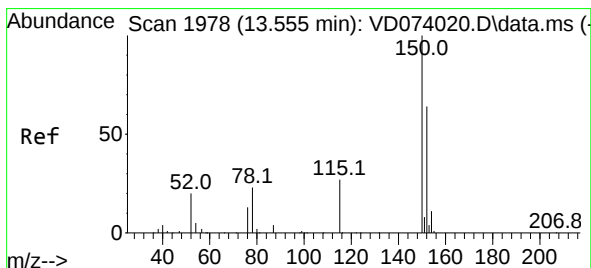
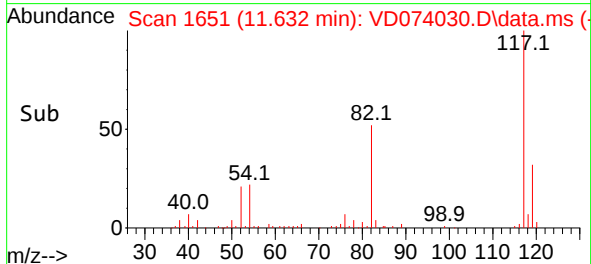
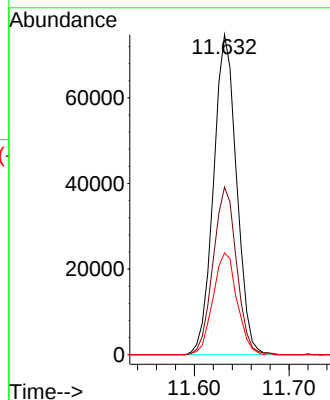
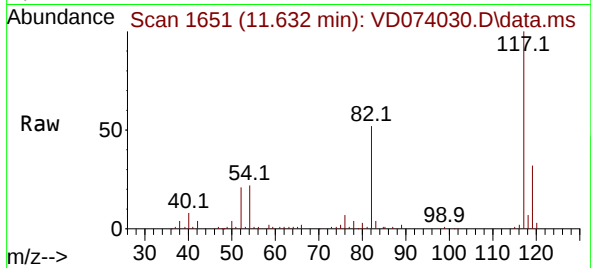




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD074030.D
Acq: 10 Aug 2022 17:33

Instrument :
MSVOA_D
ClientSampleId :
PL-02-080522RE

Tgt Ion:117 Resp: 126752
Ion Ratio Lower Upper
117 100
82 52.4 42.7 64.1
119 31.8 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.006 min
Lab File: VD074030.D
Acq: 10 Aug 2022 17:33

Tgt Ion:152 Resp: 49596
Ion Ratio Lower Upper
152 100
115 62.8 29.9 89.8
150 157.2 0.0 342.8

