

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD073124\
 Data File : VD079494.D
 Acq On : 31 Jul 2024 14:06
 Operator : RP/MD
 Sample : P3376-01RE
 Misc : 4.85G/5.0ml/MSVOA_D/SOIL/B
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-6-VOCRE

Quant Time: Jul 31 16:02:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 03:50:47 2024
 Response via : Initial Calibration

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

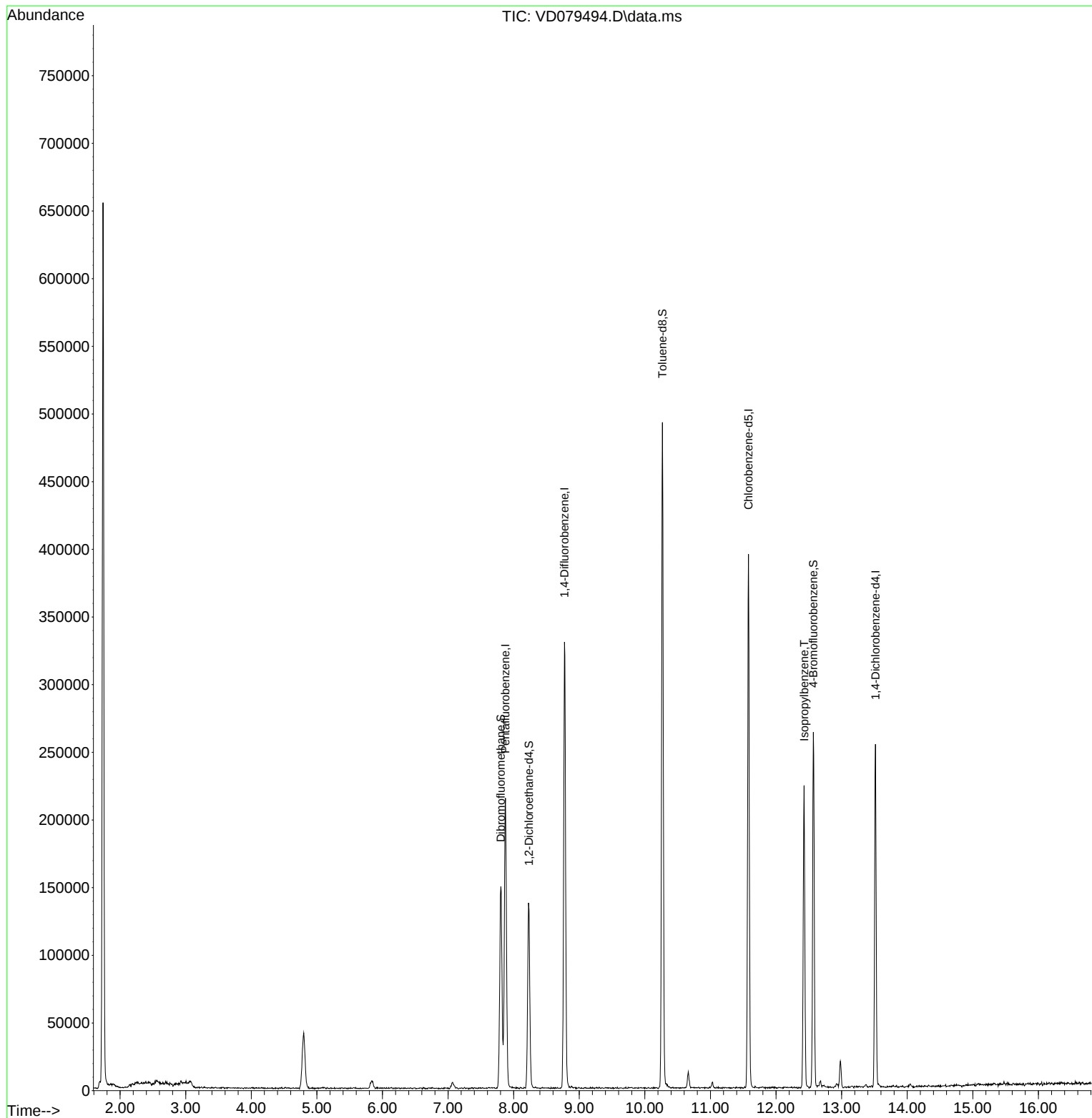
Internal Standards						
1) Pentafluorobenzene	7.875	168	171812	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	302178	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	243241	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	72084	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	106276	60.888	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 121.780%	
35) Dibromofluoromethane	7.804	113	111182	54.360	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.720%	
50) Toluene-d8	10.269	98	349272	43.975	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 87.940%	
62) 4-Bromofluorobenzene	12.569	95	82649	35.959	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 71.920%	
Target Compounds						
73) Isopropylbenzene	12.428	105	10494	5.430	ug/l	Qvalue # 67

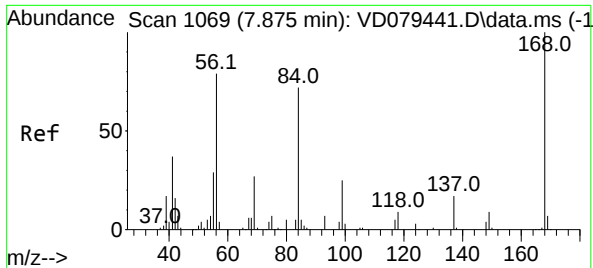
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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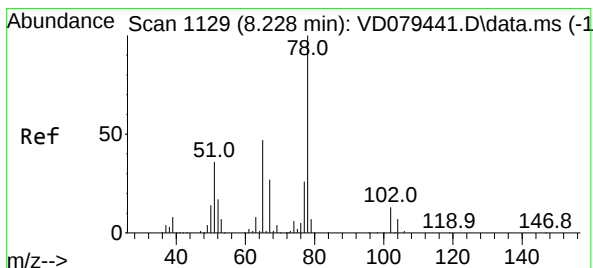
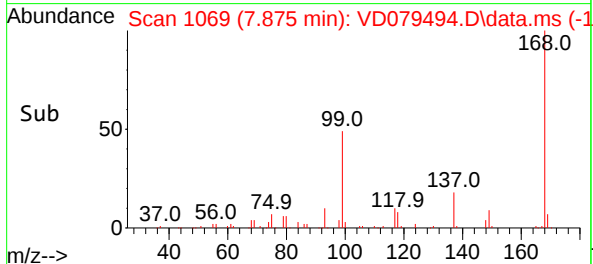
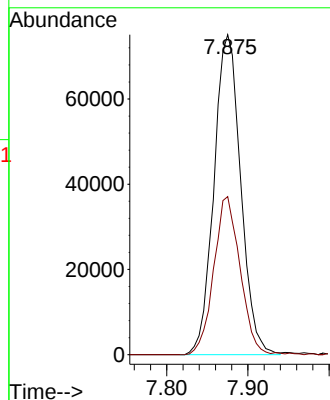
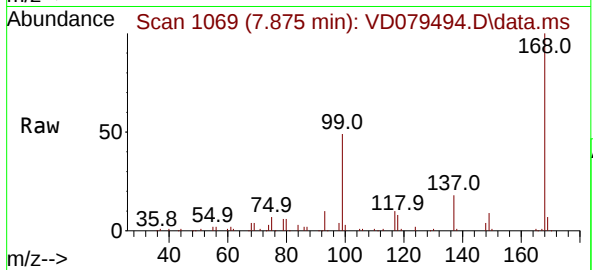




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VD079494.D
Acq: 31 Jul 2024 14:06

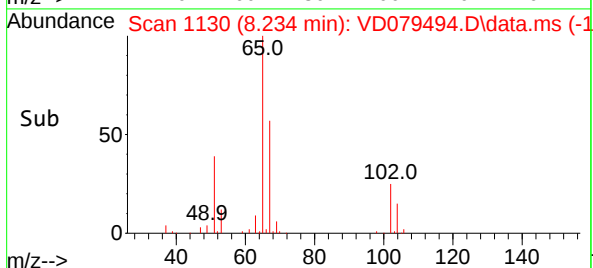
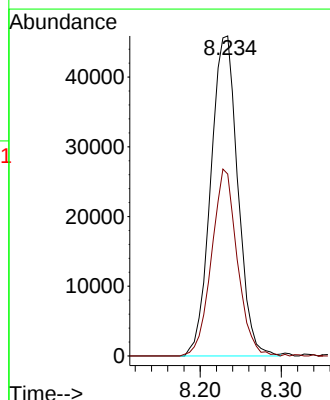
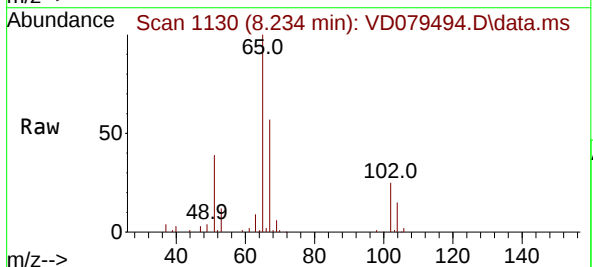
Instrument :
MSVOA_D
ClientSampleId :
WC-6-VOCRE

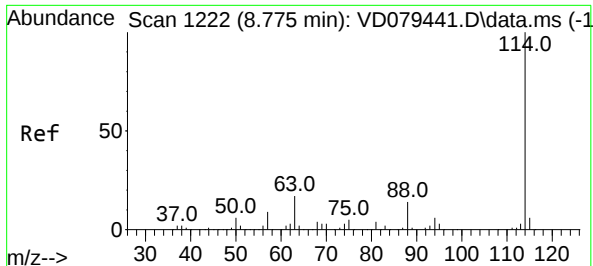
Tgt Ion:168 Resp: 171812
Ion Ratio Lower Upper
168 100
99 49.4 41.1 61.7



#33
1,2-Dichloroethane-d4
Concen: 60.888 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD079494.D
Acq: 31 Jul 2024 14:06

Tgt Ion: 65 Resp: 106276
Ion Ratio Lower Upper
65 100
67 55.5 0.0 111.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD079494.D

Acq: 31 Jul 2024 14:06

Instrument :

MSVOA_D

ClientSampleId :

WC-6-VOCRE

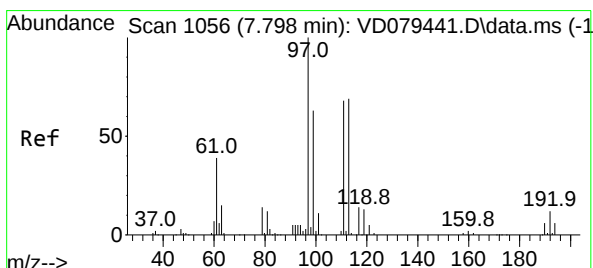
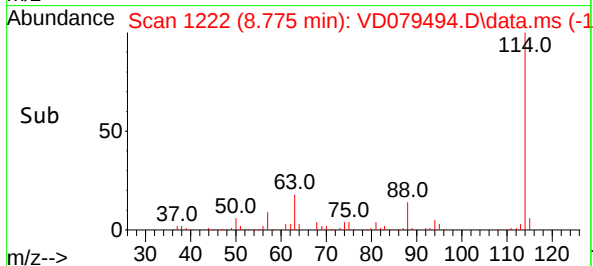
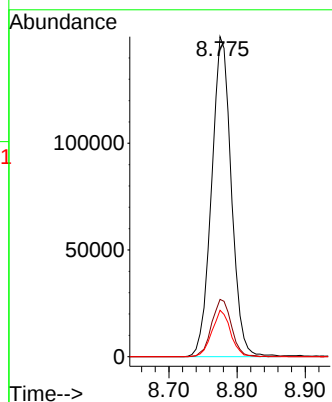
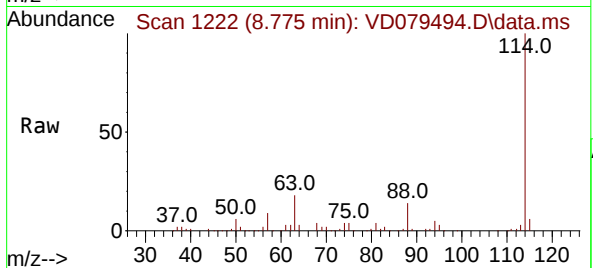
Tgt Ion:114 Resp: 302178

Ion Ratio Lower Upper

114 100

63 17.9 0.0 34.0

88 14.5 0.0 27.2



#35

Dibromofluoromethane

Concen: 54.360 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD079494.D

Acq: 31 Jul 2024 14:06

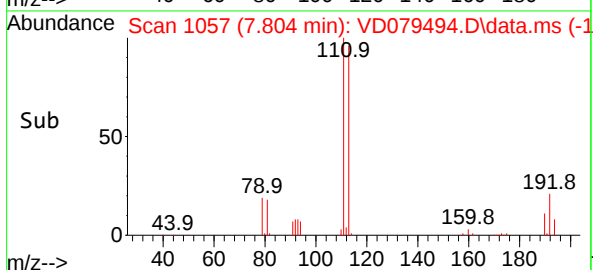
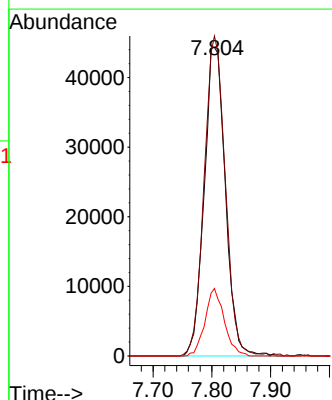
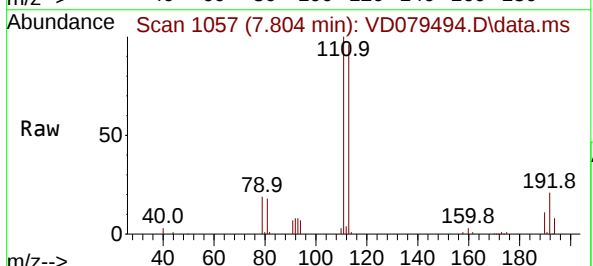
Tgt Ion:113 Resp: 111182

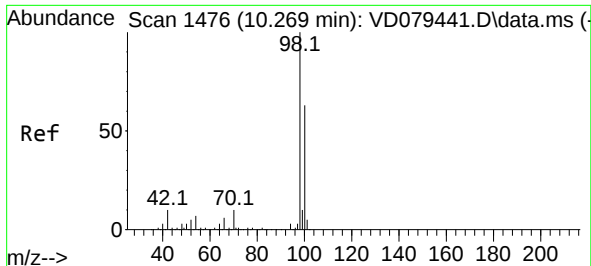
Ion Ratio Lower Upper

113 100

111 102.4 84.0 126.0

192 19.8 15.4 23.0

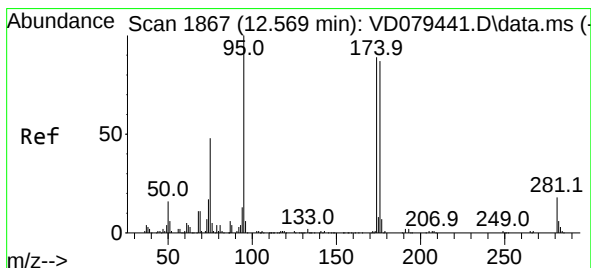
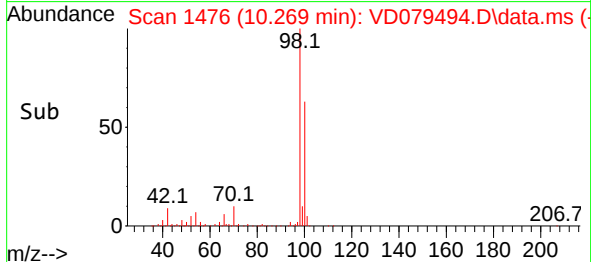
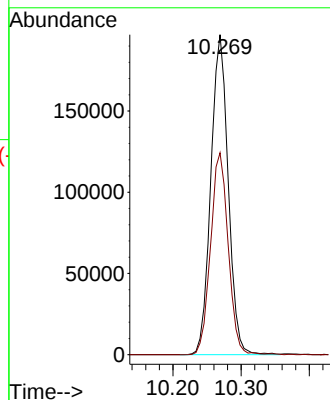
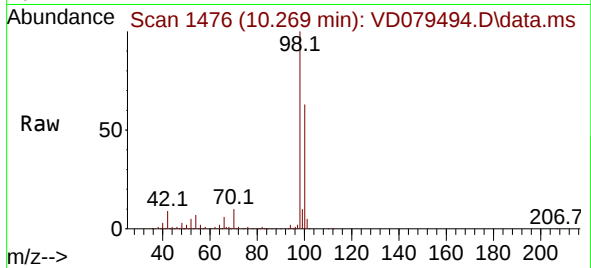




#50
Toluene-d8
Concen: 43.975 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VD079494.D
Acq: 31 Jul 2024 14:06

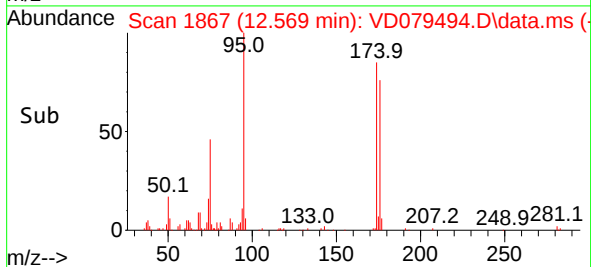
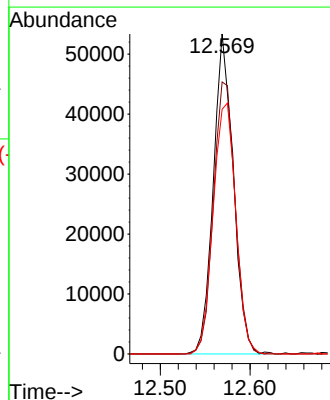
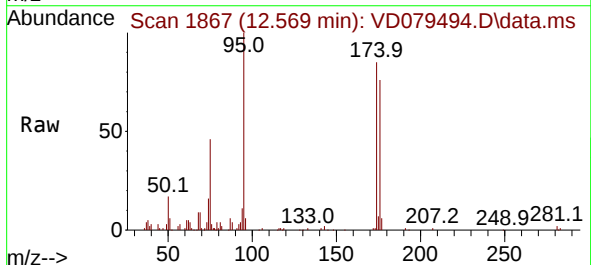
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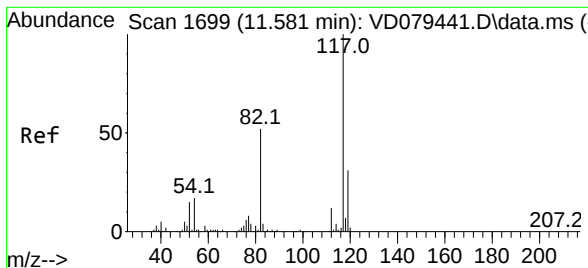
Tgt Ion: 98 Resp: 349272
Ion Ratio Lower Upper
98 100
100 63.9 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 35.959 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079494.D
Acq: 31 Jul 2024 14:06

Tgt Ion: 95 Resp: 82649
Ion Ratio Lower Upper
95 100
174 92.5 0.0 195.4
176 88.6 0.0 192.6

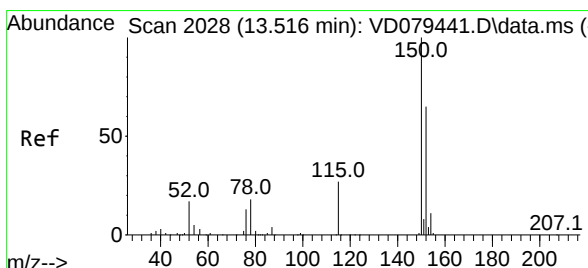
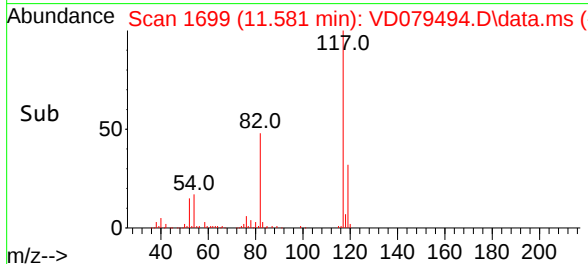
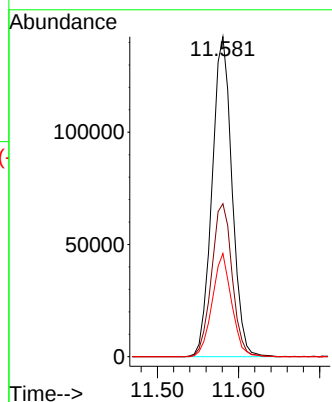
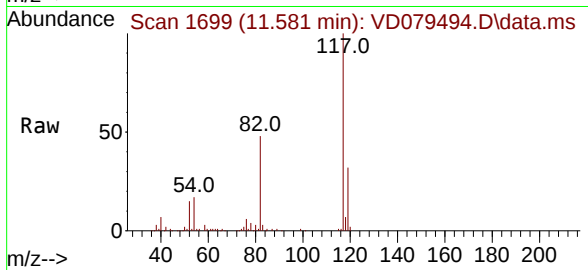




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD079494.D
Acq: 31 Jul 2024 14:06

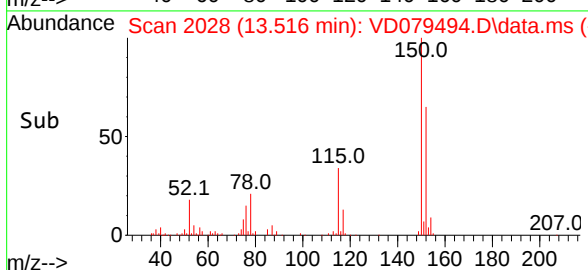
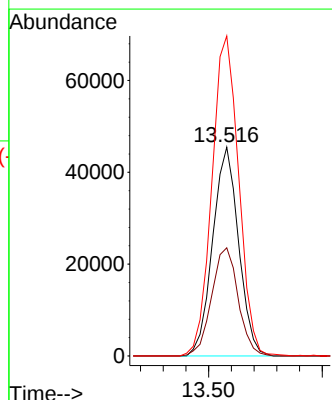
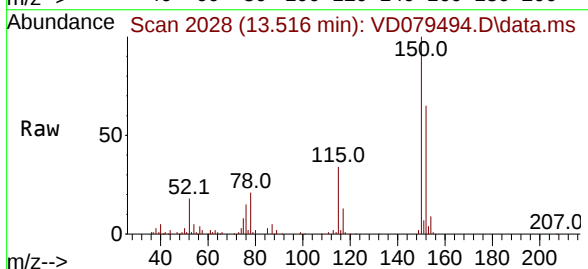
Instrument :
MSVOA_D
ClientSampleId :
WC-6-VOCRE

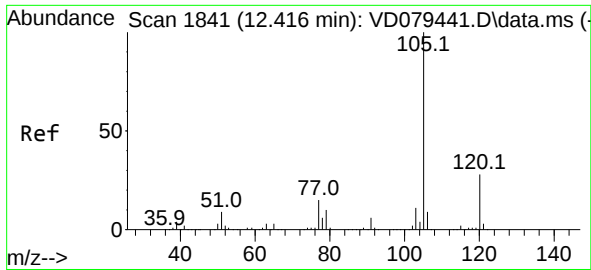
Tgt Ion:117 Resp: 243241
Ion Ratio Lower Upper
117 100
82 47.8 39.8 59.6
119 32.3 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.006 min
Lab File: VD079494.D
Acq: 31 Jul 2024 14:06

Tgt Ion:152 Resp: 72084
Ion Ratio Lower Upper
152 100
115 53.1 26.5 79.5
150 158.2 0.0 341.6





#73
Isopropylbenzene
Concen: 5.430 ug/l
RT: 12.428 min Scan# 11
Delta R.T. 0.012 min
Lab File: VD079494.D
Acq: 31 Jul 2024 14:06

Instrument :
MSVOA_D
ClientSampleId :
WC-6-VOCRE

Tgt Ion:105 Resp: 10494
Ion Ratio Lower Upper
105 100
120 10.0 13.6 40.7#

