

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD073124\
 Data File : VD079505.D
 Acq On : 31 Jul 2024 19:23
 Operator : RP/MD
 Sample : P3387-01RE
 Misc : 4.53G/5.0ml/MSVOA_D/SOIL/B
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-9-VOCRE

Quant Time: Aug 01 01:55:12 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)

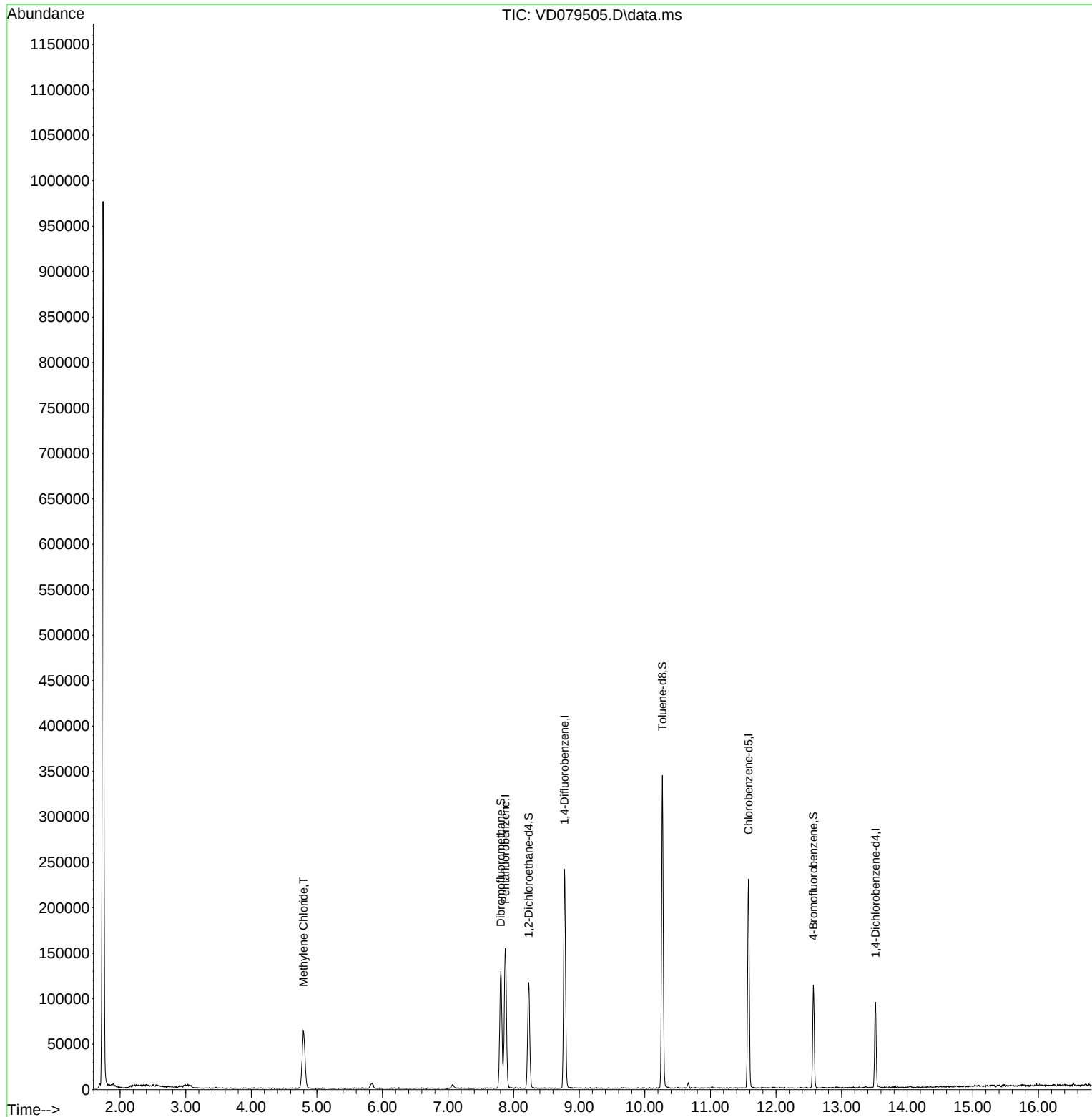
Internal Standards						
1) Pentafluorobenzene	7.875	168	127706	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	218047	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	141771	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	26743	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	89878	69.277	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	138.560%	
35) Dibromofluoromethane	7.804	113	94017	63.704	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	127.400%	
50) Toluene-d8	10.269	98	240653	41.990	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	=	83.980%	
62) 4-Bromofluorobenzene	12.569	95	33627	20.275	ug/l	0.00
Spiked Amount	50.000	Range 30 - 143	Recovery	=	40.560%	
Target Compounds						Qvalue
20) Methylene Chloride	4.793	84	49962	17.505	ug/l	87

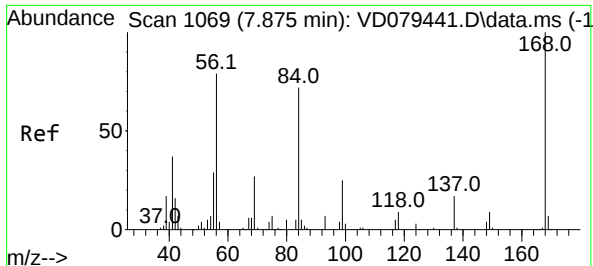
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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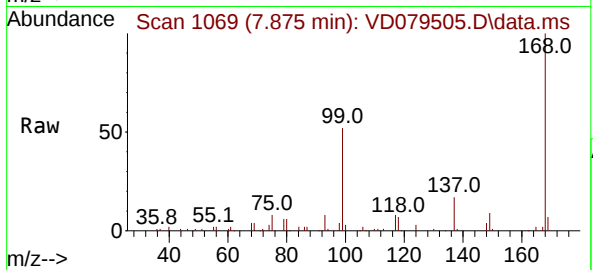
Quant Time: Aug 01 01:55:12 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
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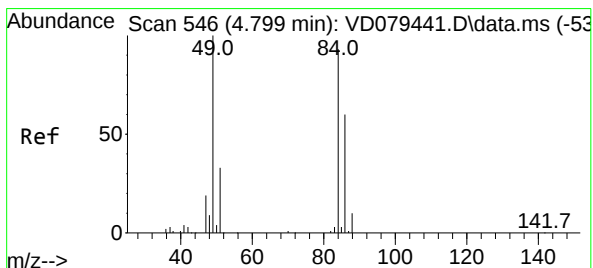
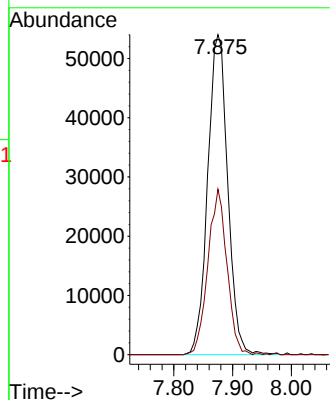
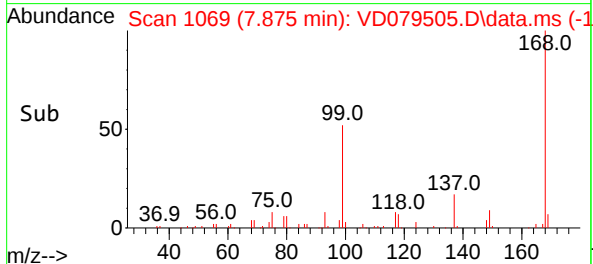


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079505.D
Acq: 31 Jul 2024 19:23

Instrument :
MSVOA_D
ClientSampleId :
WC-9-VOCRE

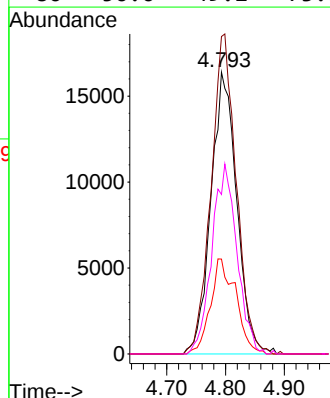
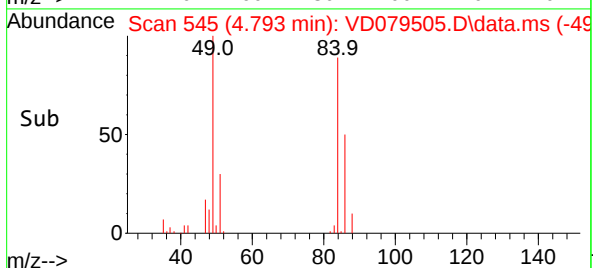
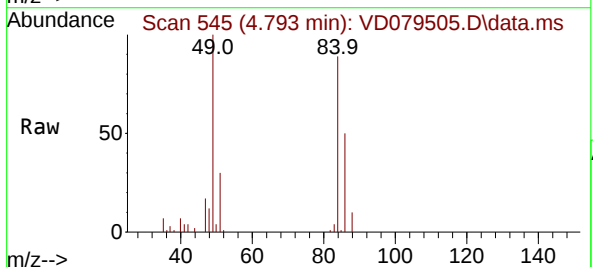


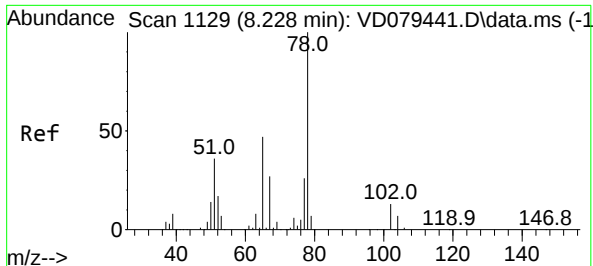
Tgt Ion:168 Resp: 127706
Ion Ratio Lower Upper
168 100
99 51.7 41.1 61.7



#20
Methylene Chloride
Concen: 17.505 ug/l
RT: 4.793 min Scan# 545
Delta R.T. -0.006 min
Lab File: VD079505.D
Acq: 31 Jul 2024 19:23

Tgt Ion: 84 Resp: 49962
Ion Ratio Lower Upper
84 100
49 112.6 75.6 113.4
51 33.7 24.2 36.2
86 56.6 49.2 73.8





#33

1,2-Dichloroethane-d4

Concen: 69.277 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD079505.D

Acq: 31 Jul 2024 19:23

Instrument :

MSVOA_D

ClientSampleId :

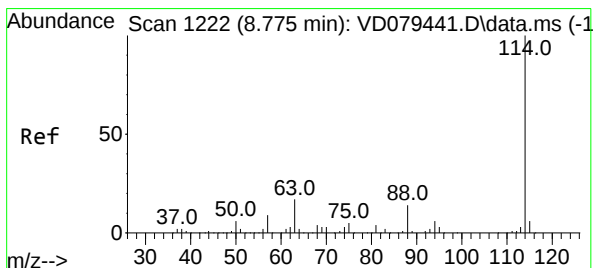
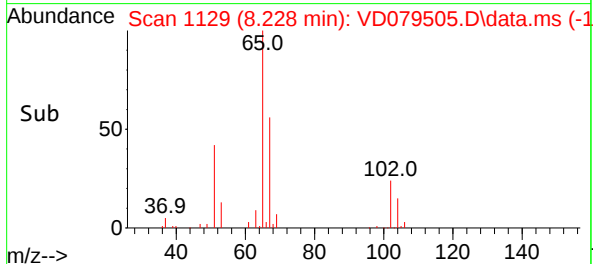
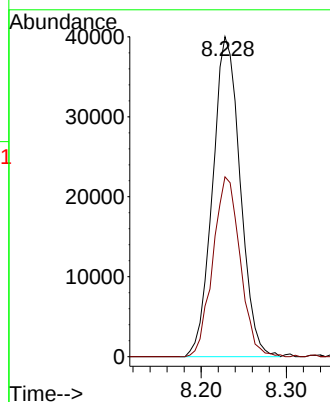
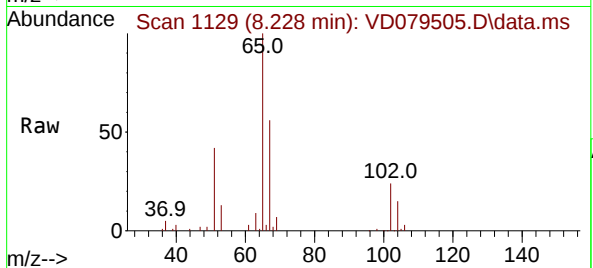
WC-9-VOCRE

Tgt Ion: 65 Resp: 89878

Ion Ratio Lower Upper

65 100

67 55.6 0.0 111.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VD079505.D

Acq: 31 Jul 2024 19:23

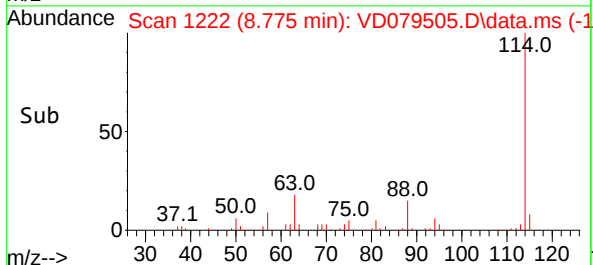
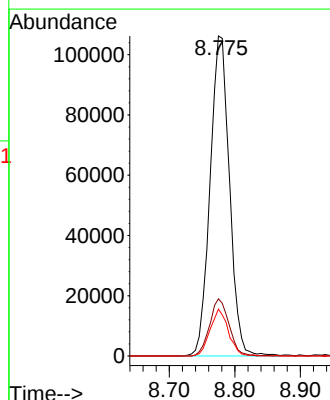
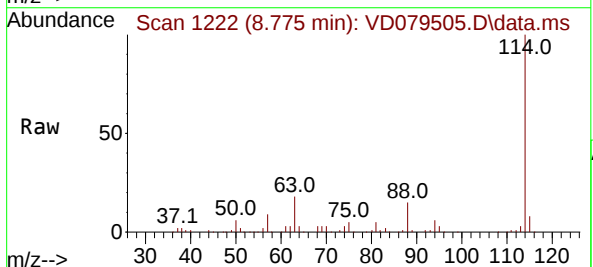
Tgt Ion: 114 Resp: 218047

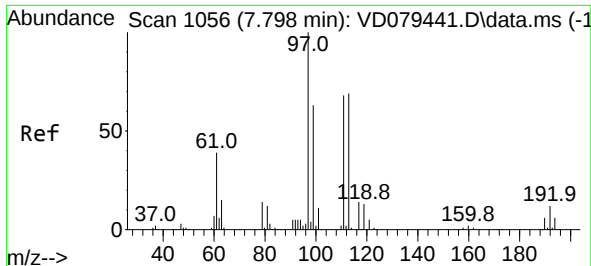
Ion Ratio Lower Upper

114 100

63 17.8 0.0 34.0

88 14.7 0.0 27.2





#35

Dibromofluoromethane

Concen: 63.704 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD079505.D

Acq: 31 Jul 2024 19:23

Instrument :

MSVOA_D

ClientSampleId :

WC-9-VOCRE

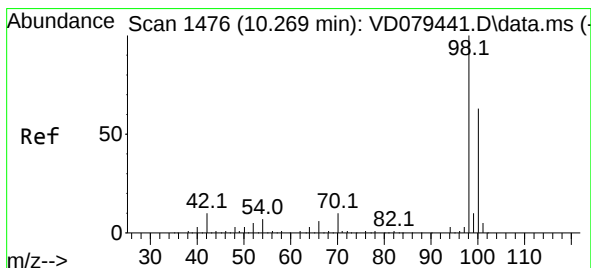
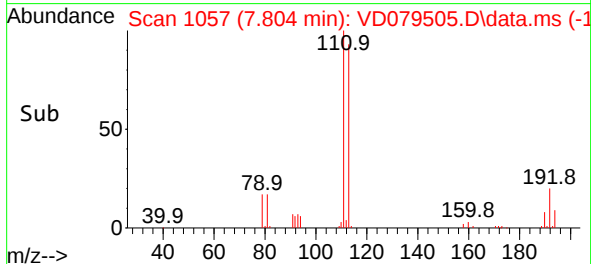
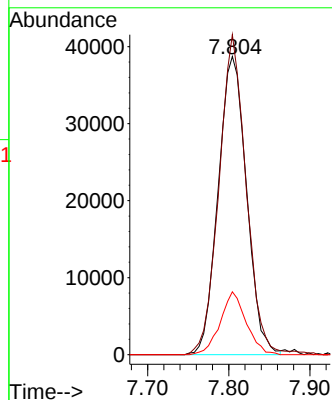
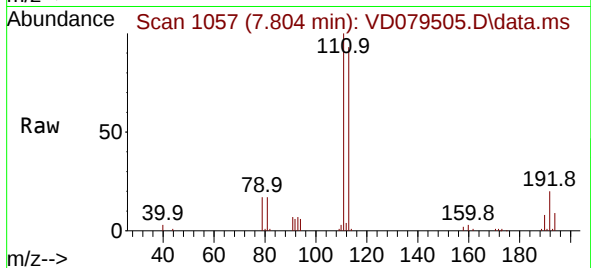
Tgt Ion:113 Resp: 94017

Ion Ratio Lower Upper

113 100

111 103.0 84.0 126.0

192 19.3 15.4 23.0



#50

Toluene-d8

Concen: 41.990 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.006 min

Lab File: VD079505.D

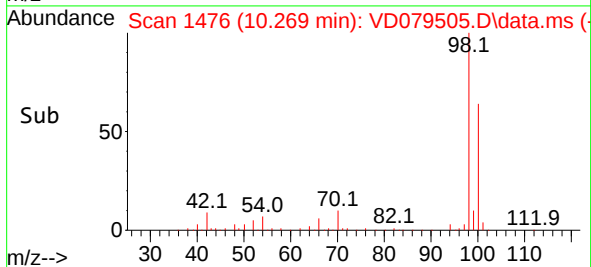
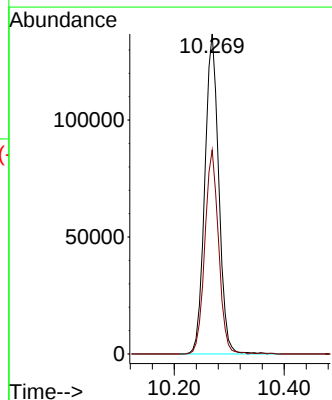
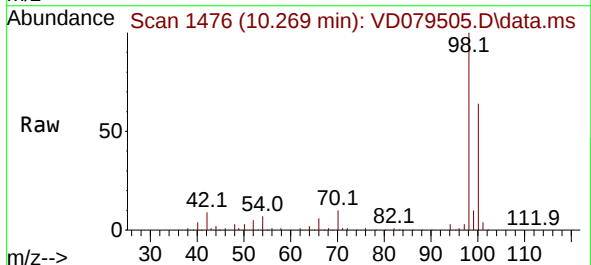
Acq: 31 Jul 2024 19:23

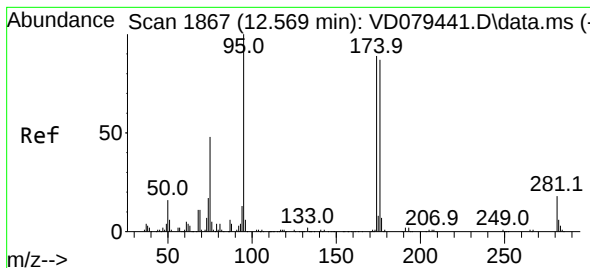
Tgt Ion: 98 Resp: 240653

Ion Ratio Lower Upper

98 100

100 62.8 51.6 77.4

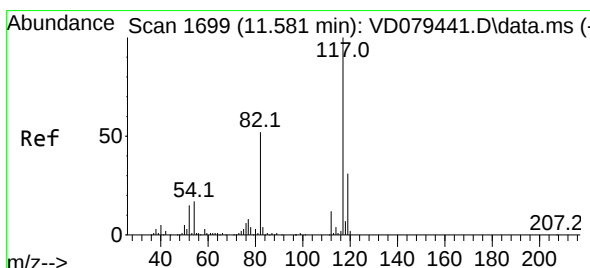
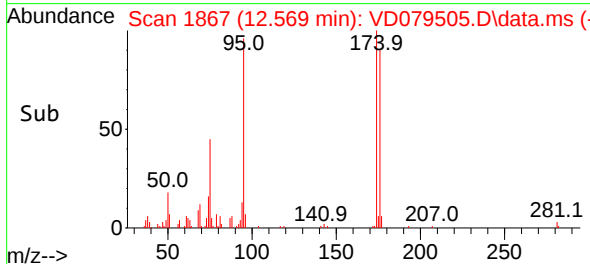
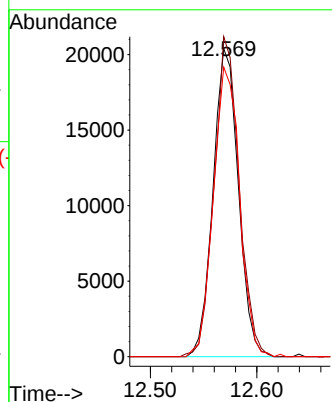
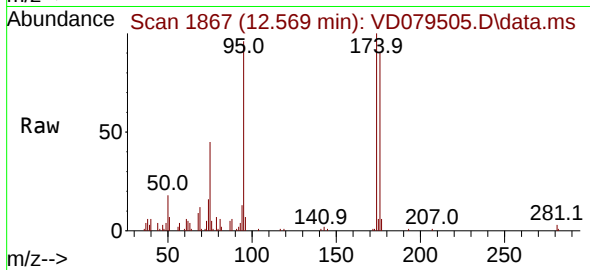




#62
4-Bromofluorobenzene
Concen: 20.275 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079505.D
Acq: 31 Jul 2024 19:23

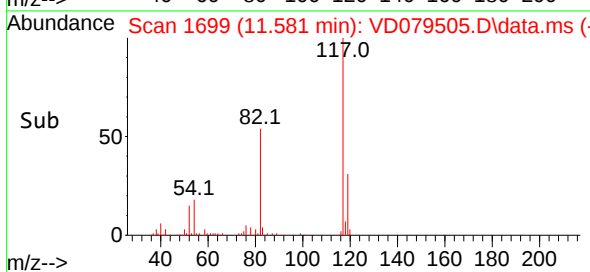
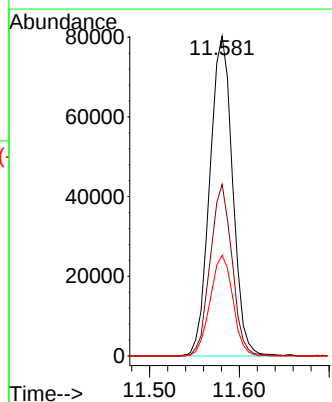
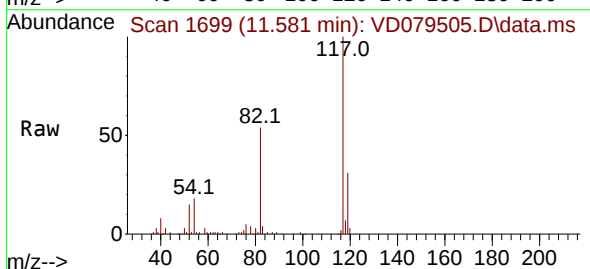
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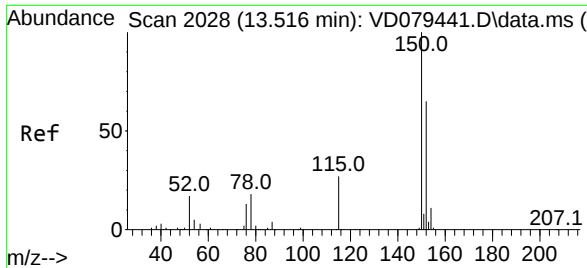
Tgt Ion: 95 Resp: 33627
Ion Ratio Lower Upper
95 100
174 102.3 0.0 195.4
176 97.9 0.0 192.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD079505.D
Acq: 31 Jul 2024 19:23

Tgt Ion: 117 Resp: 141771
Ion Ratio Lower Upper
117 100
82 53.6 39.8 59.6
119 31.5 25.7 38.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 20

Delta R.T. 0.006 min

Lab File: VD079505.D

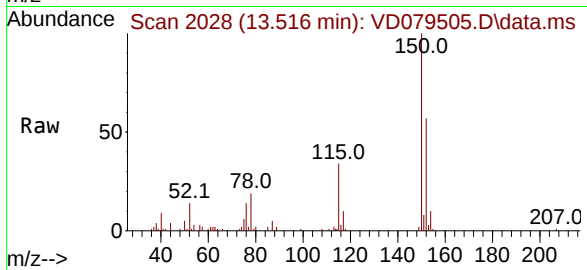
Acq: 31 Jul 2024 19:23

Instrument :

MSVOA_D

ClientSampleId :

WC-9-VOCRE



Tgt Ion:152 Resp: 26743

Ion Ratio Lower Upper

152 100

115 58.1 26.5 79.5

150 166.0 0.0 341.6

