

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD073024\
 Data File : VD079484.D
 Acq On : 31 Jul 2024 05:35
 Operator : RP/MD
 Sample : P3374-07
 Misc : 7.29G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S-862-K2-SO-12-12.5-072024

Quant Time: Jul 31 08:45:14 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	7.881	168	1357	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	3769	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	3859	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	1606	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	1797	130.351	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 260.700%#	
35) Dibromofluoromethane	7.810	113	1718	67.345	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 134.700%	
50) Toluene-d8	10.275	98	4447	44.889	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	= 89.780%	
62) 4-Bromofluorobenzene	12.569	95	1617	56.405	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 112.800%	

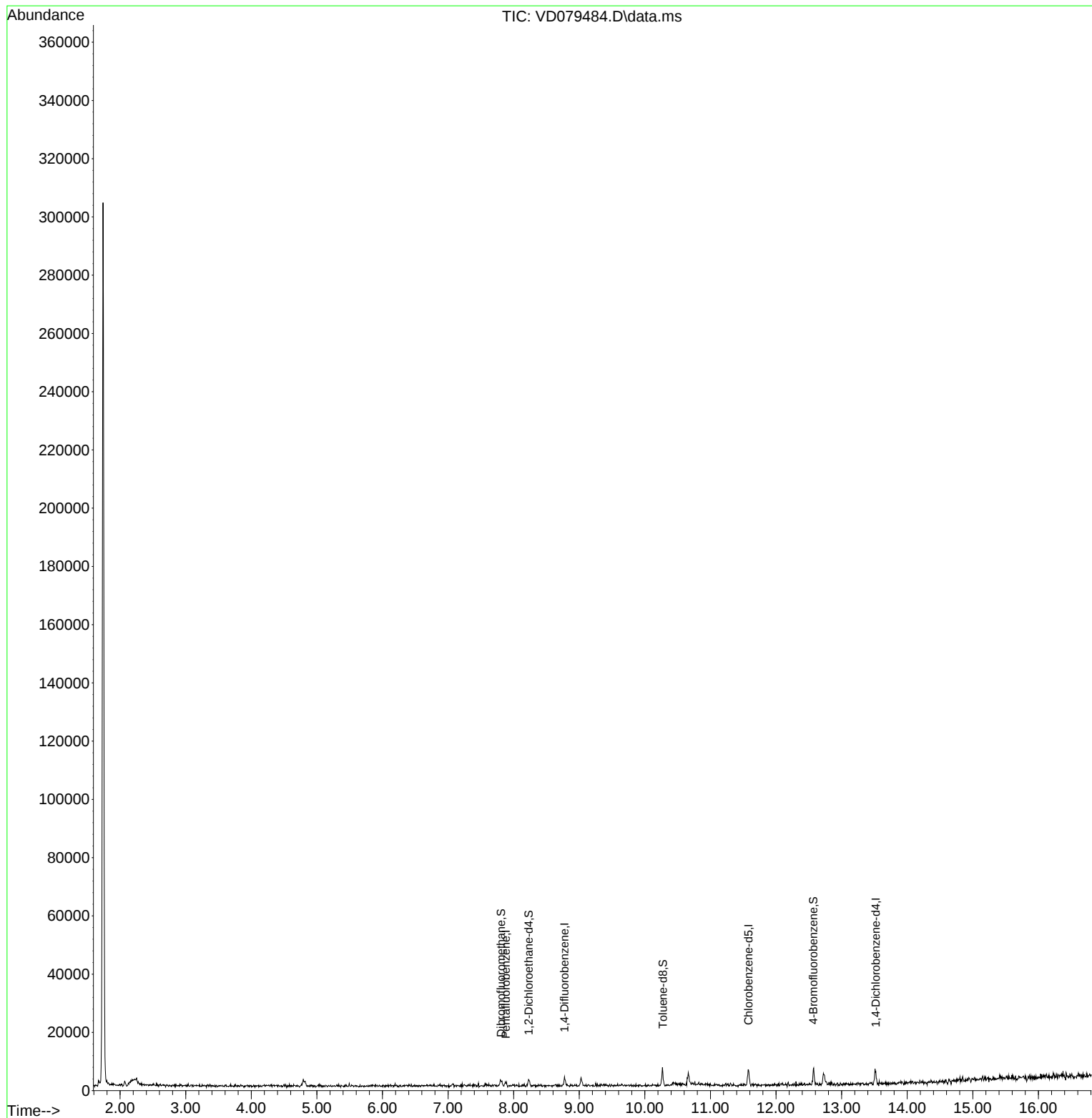
Target Compounds	Qvalue

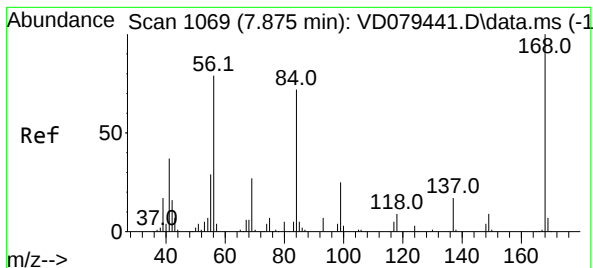
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD079484.D

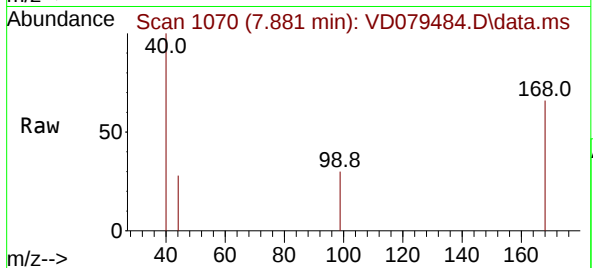
Acq: 31 Jul 2024 05:35

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ClientSampleId :

S-862-K2-SO-12-12.5-072024

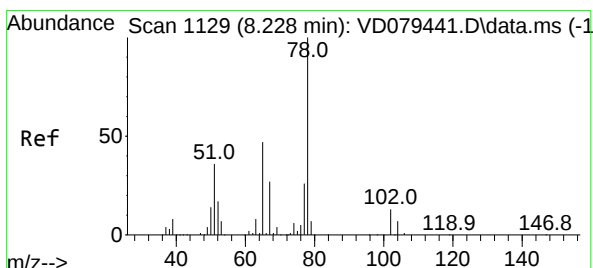
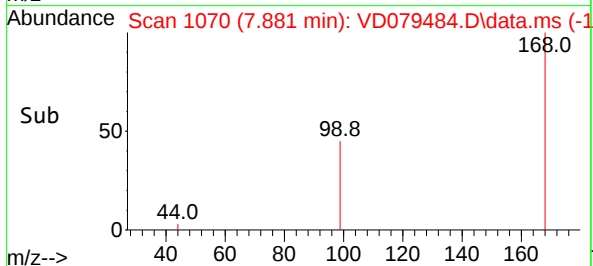
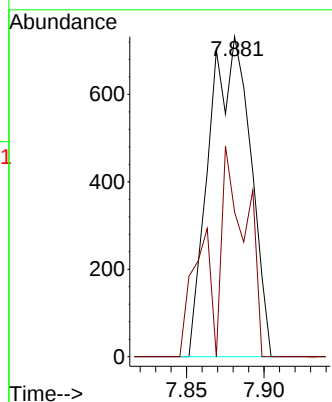


Tgt Ion:168 Resp: 1357

Ion Ratio Lower Upper

168 100

99 45.2 41.1 61.7



#33

1,2-Dichloroethane-d4

Concen: 130.351 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD079484.D

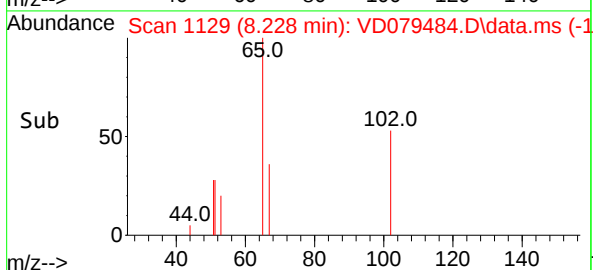
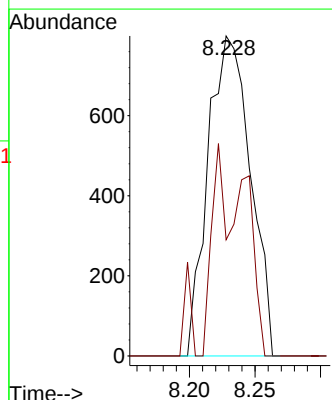
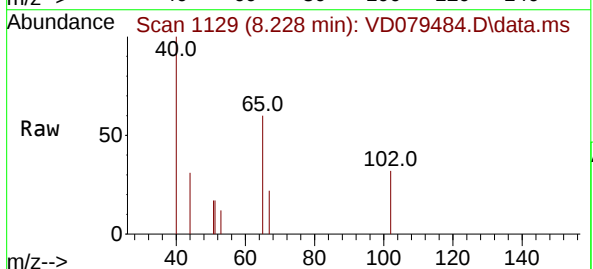
Acq: 31 Jul 2024 05:35

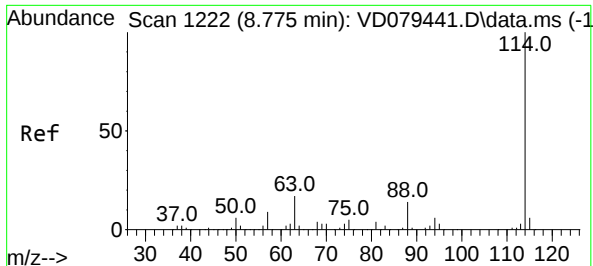
Tgt Ion: 65 Resp: 1797

Ion Ratio Lower Upper

65 100

67 22.0 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: VD079484.D

Acq: 31 Jul 2024 05:35

Instrument :

MSVOA_D

ClientSampleId :

S-862-K2-SO-12-12.5-072024

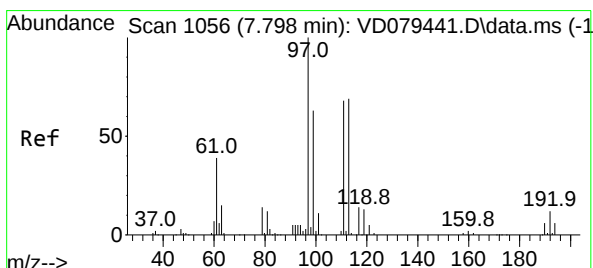
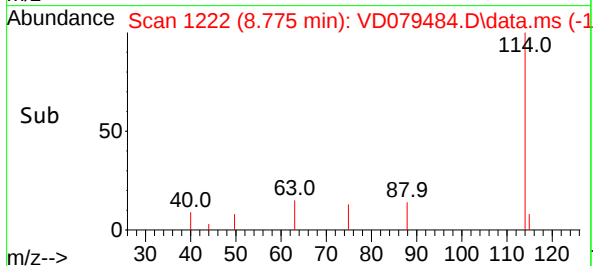
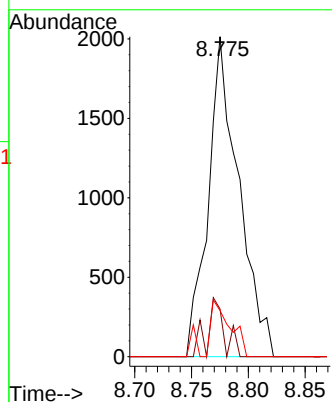
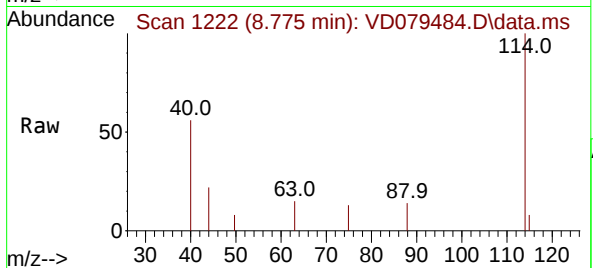
Tgt Ion:114 Resp: 3769

Ion Ratio Lower Upper

114 100

63 14.9 0.0 34.0

88 14.4 0.0 27.2



#35

Dibromofluoromethane

Concen: 67.345 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD079484.D

Acq: 31 Jul 2024 05:35

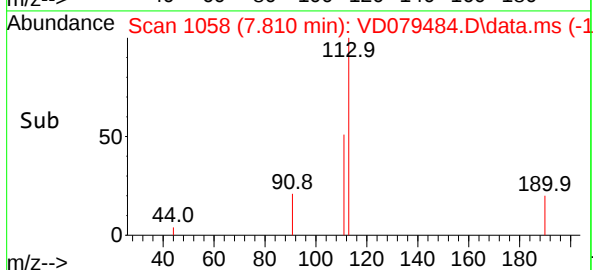
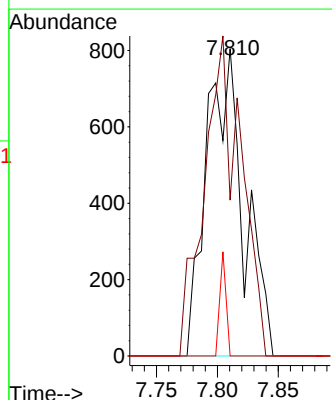
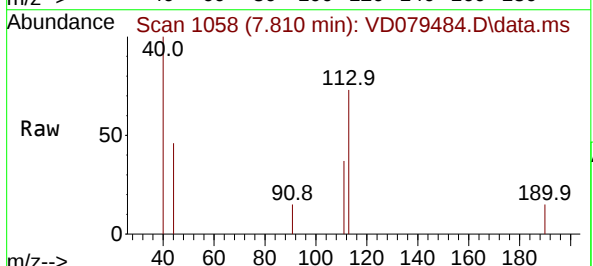
Tgt Ion:113 Resp: 1718

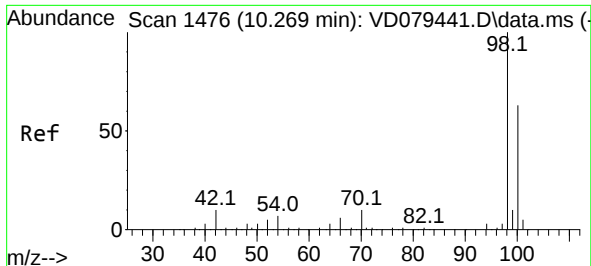
Ion Ratio Lower Upper

113 100

111 102.7 84.0 126.0

192 5.6 15.4 23.0#

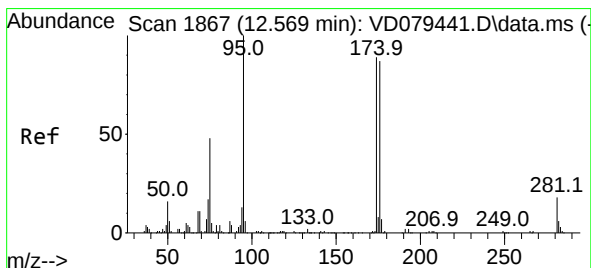
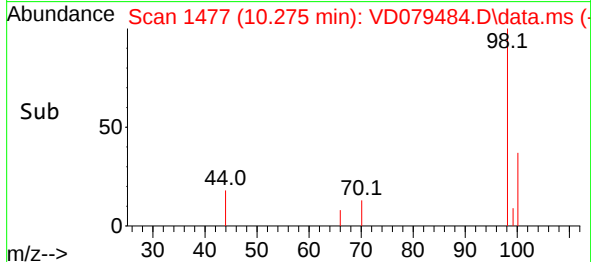
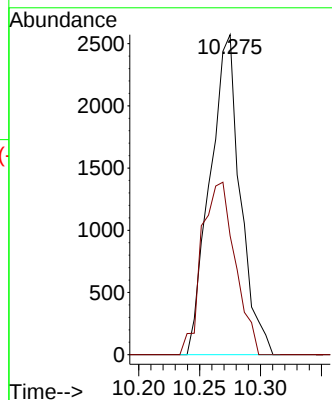
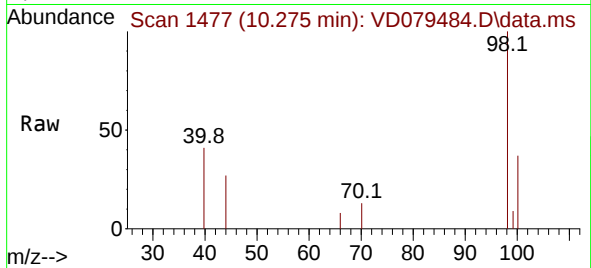




#50
Toluene-d8
Concen: 44.889 ug/l
RT: 10.275 min Scan# 1477
Delta R.T. 0.012 min
Lab File: VD079484.D
Acq: 31 Jul 2024 05:35

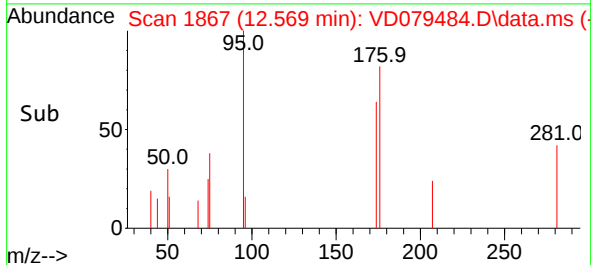
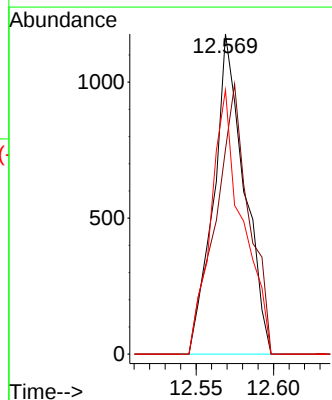
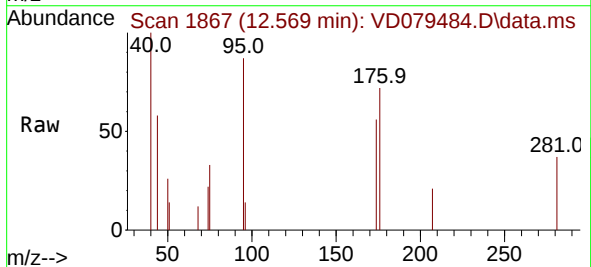
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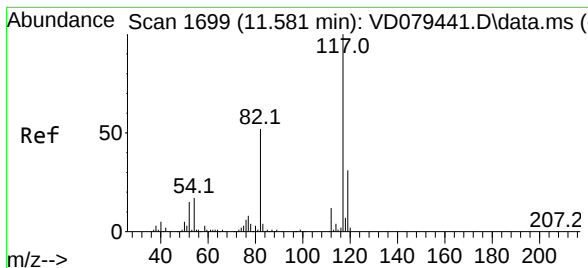
Tgt Ion: 98 Resp: 4447
Ion Ratio Lower Upper
98 100
100 59.4 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 56.405 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079484.D
Acq: 31 Jul 2024 05:35

Tgt Ion: 95 Resp: 1617
Ion Ratio Lower Upper
95 100
174 91.2 0.0 195.4
176 85.0 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: VD079484.D

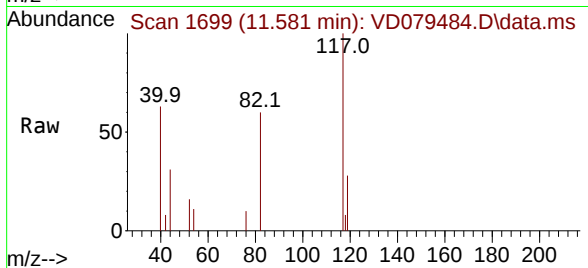
Acq: 31 Jul 2024 05:35

Instrument :

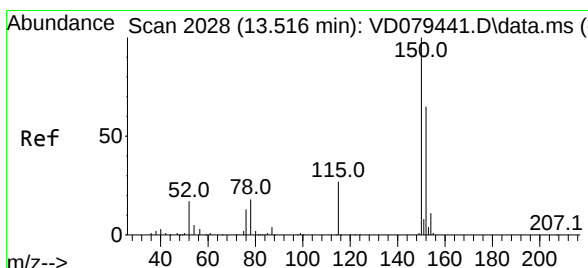
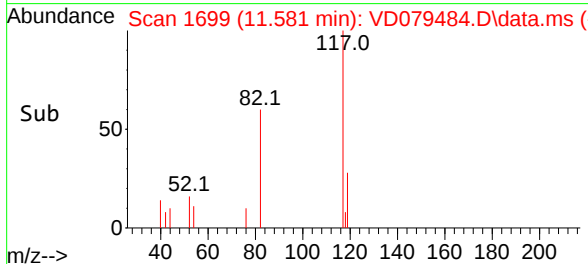
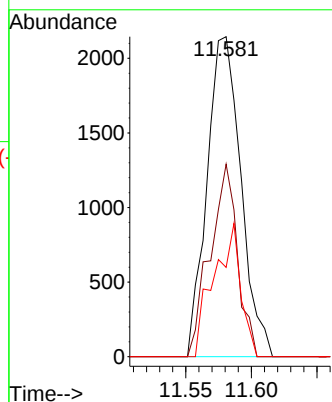
MSVOA_D

ClientSampleId :

S-862-K2-SO-12-12.5-072024



Tgt Ion:	117	Resp:	3859
Ion	Ratio	Lower	Upper
117	100		
82	60.1	39.8	59.6#
119	27.9	25.7	38.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.522 min Scan# 2029

Delta R.T. 0.012 min

Lab File: VD079484.D

Acq: 31 Jul 2024 05:35

Tgt Ion:	152	Resp:	1606
Ion	Ratio	Lower	Upper
152	100		
115	51.4	26.5	79.5
150	172.5	0.0	341.6

