

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD073124\
 Data File : VD079517.D
 Acq On : 01 Aug 2024 02:41
 Operator : RP/MD
 Sample : P3374-15
 Misc : 6.80G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S-847-G1-SO-12.5-13-072024

Quant Time: Aug 01 02:57:29 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)

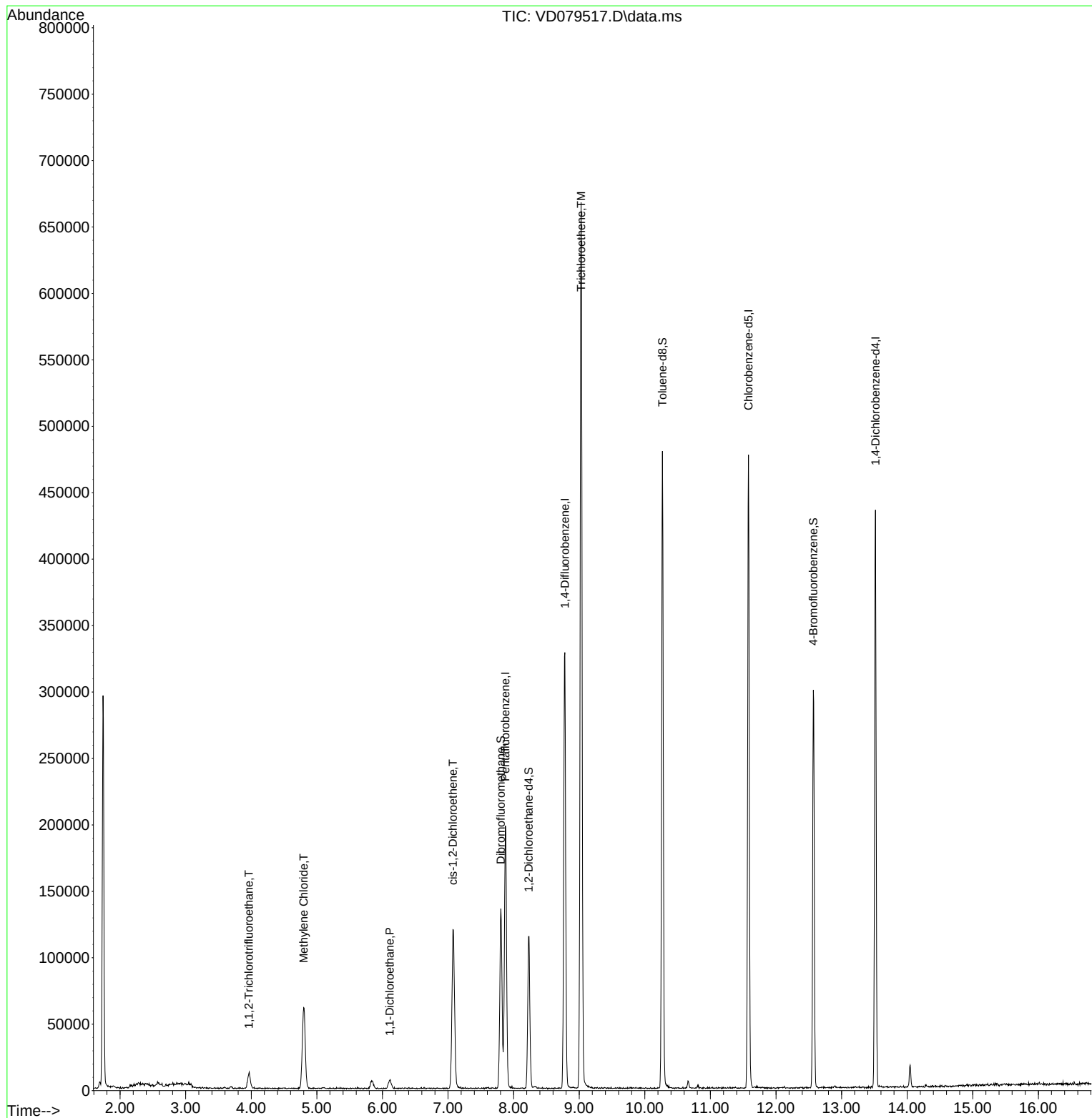
Internal Standards						
1) Pentafluorobenzene	7.875	168	160339	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	307409	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	287806	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	124926	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	87814	53.910	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.820%	
35) Dibromofluoromethane	7.805	113	99311	47.730	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 95.460%	
50) Toluene-d8	10.269	98	335731	41.551	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 83.100%	
62) 4-Bromofluorobenzene	12.569	95	87970	37.623	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 75.240%	
Target Compounds						Qvalue
9) 1,1,2-Trichlorotrifluo...	3.964	101	7755	4.480	ug/l #	90
20) Methylene Chloride	4.799	84	50266	9.079	ug/l	88
24) 1,1-Dichloroethane	6.111	63	10233	3.000	ug/l #	92
27) cis-1,2-Dichloroethene	7.075	96	80903	36.368	ug/l	99
44) Trichloroethene	9.028	130	256937	114.428	ug/l	94

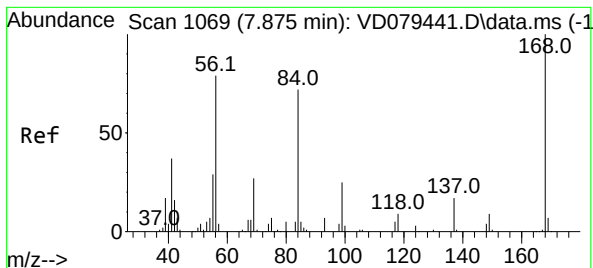
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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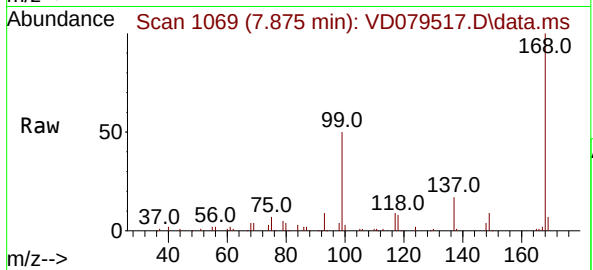
Quant Time: Aug 01 02:57:29 2024
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Quant Title : SW846 8260
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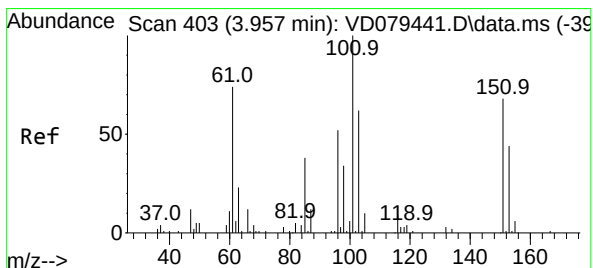
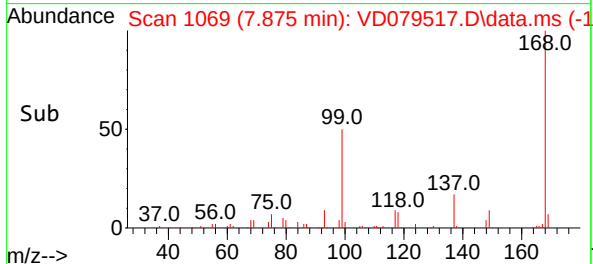
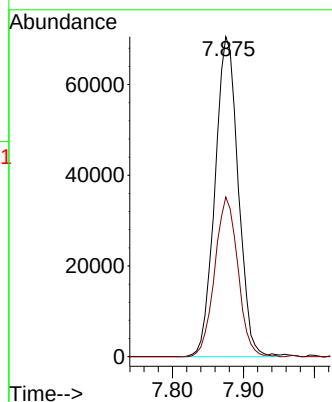


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079517.D
Acq: 01 Aug 2024 02:41

Instrument :
MSVOA_D
ClientSampleId :
S-847-G1-SO-12.5-13-072024

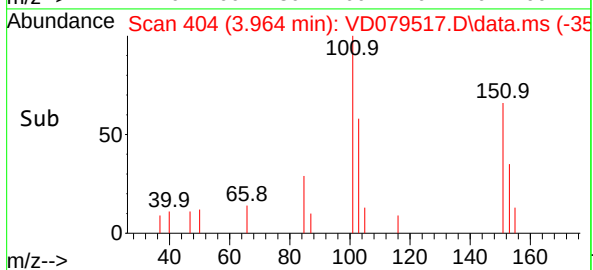
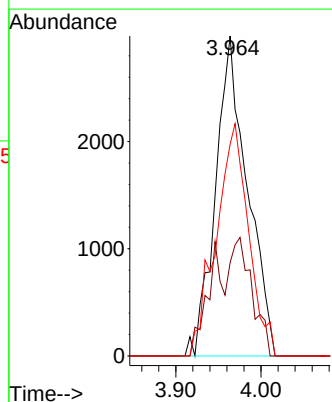
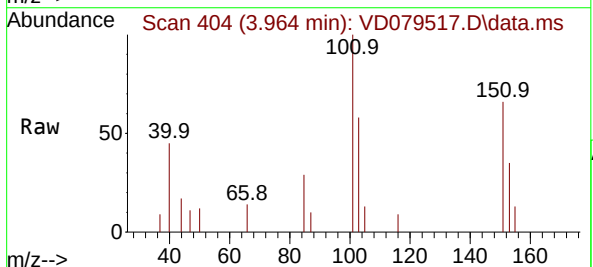


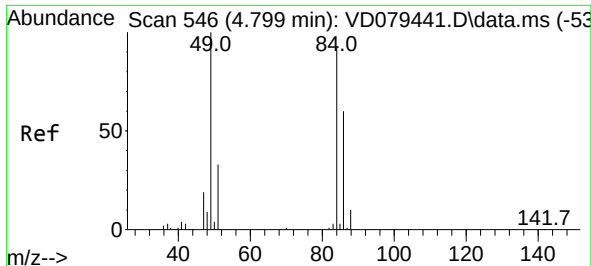
Tgt Ion:168 Resp: 160339
Ion Ratio Lower Upper
168 100
99 49.9 41.1 61.7



#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.480 ug/l
RT: 3.964 min Scan# 404
Delta R.T. 0.000 min
Lab File: VD079517.D
Acq: 01 Aug 2024 02:41

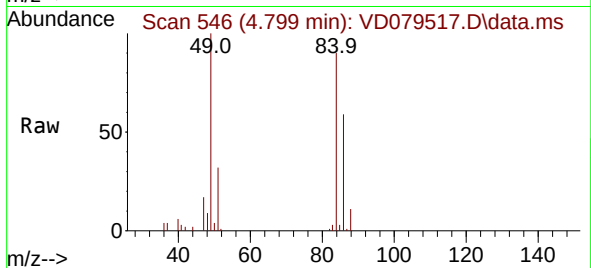
Tgt Ion:101 Resp: 7755
Ion Ratio Lower Upper
101 100
85 25.8 33.5 50.3#
151 73.9 60.3 90.5



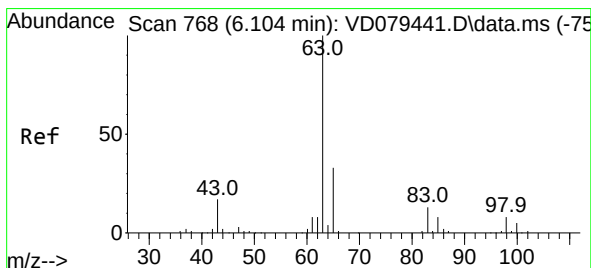
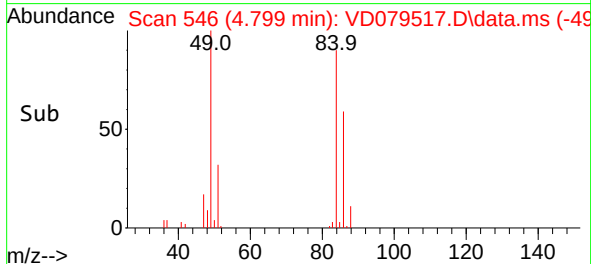
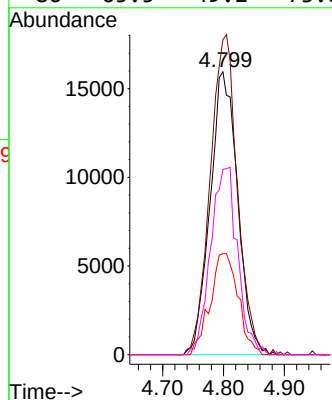


#20
Methylene Chloride
Concen: 9.079 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD079517.D
Acq: 01 Aug 2024 02:41

Instrument :
MSVOA_D
ClientSampleId :
S-847-G1-SO-12.5-13-072024

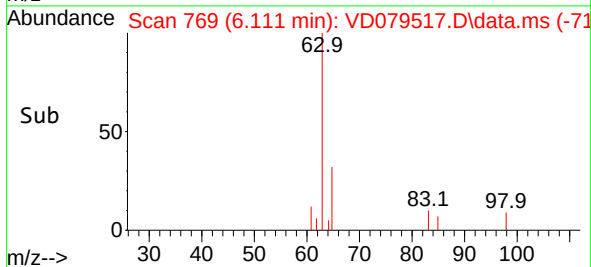
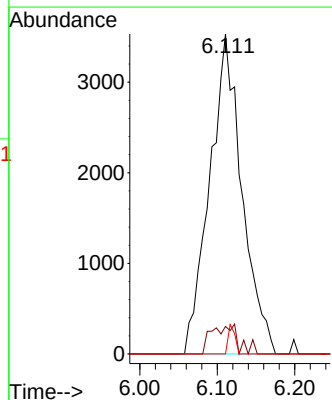
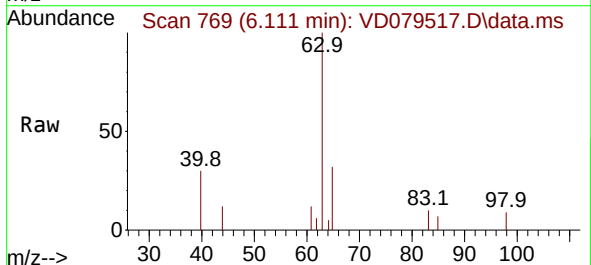


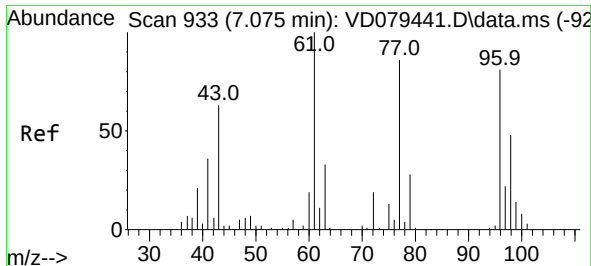
Tgt Ion:	84	Resp:	50266
Ion	Ratio	Lower	Upper
84	100		
49	111.4	75.6	113.4
51	35.7	24.2	36.2
86	65.5	49.2	73.8



#24
1,1-Dichloroethane
Concen: 3.000 ug/l
RT: 6.111 min Scan# 769
Delta R.T. 0.006 min
Lab File: VD079517.D
Acq: 01 Aug 2024 02:41

Tgt Ion:	63	Resp:	10233
Ion	Ratio	Lower	Upper
63	100		
98	8.6	4.7	14.0
100	0.0	2.9	8.6





#27

cis-1,2-Dichloroethene

Concen: 36.368 ug/l

RT: 7.075 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD079517.D

Acq: 01 Aug 2024 02:41

Instrument :

MSVOA_D

ClientSampleId :

S-847-G1-SO-12.5-13-072024

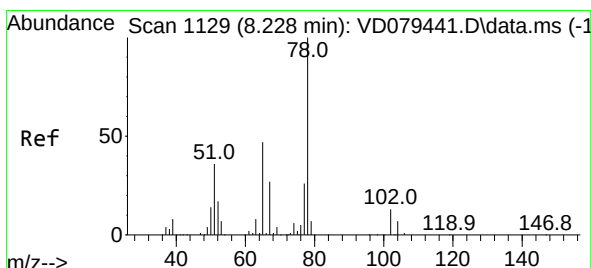
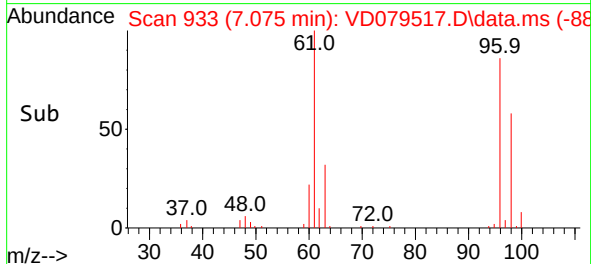
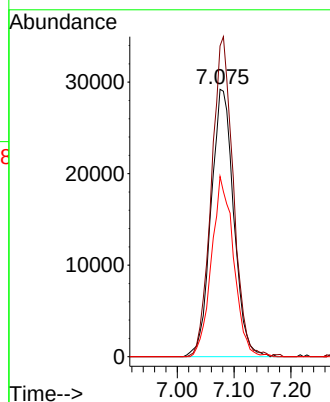
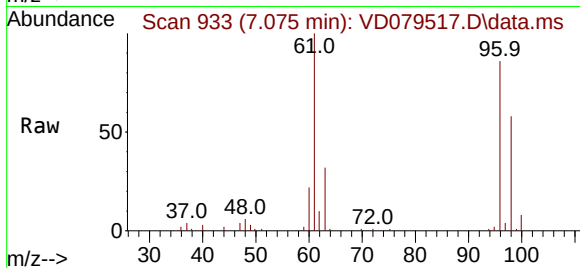
Tgt Ion: 96 Resp: 80903

Ion Ratio Lower Upper

96 100

61 114.7 0.0 229.0

98 65.7 0.0 127.2



#33

1,2-Dichloroethane-d4

Concen: 53.910 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD079517.D

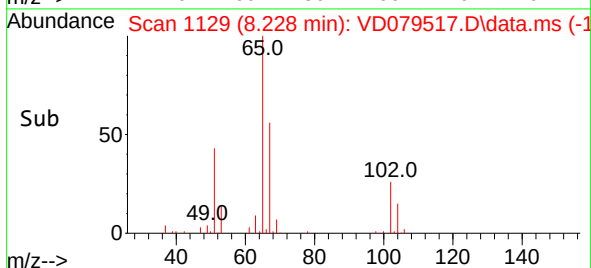
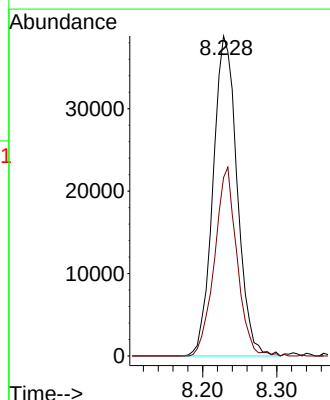
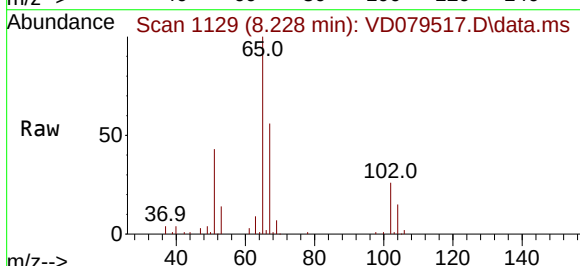
Acq: 01 Aug 2024 02:41

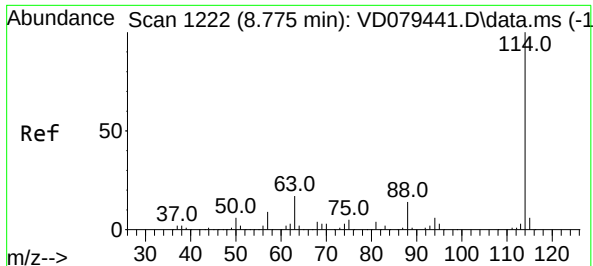
Tgt Ion: 65 Resp: 87814

Ion Ratio Lower Upper

65 100

67 54.9 0.0 111.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD079517.D

Acq: 01 Aug 2024 02:41

Instrument :

MSVOA_D

ClientSampleId :

S-847-G1-SO-12.5-13-072024

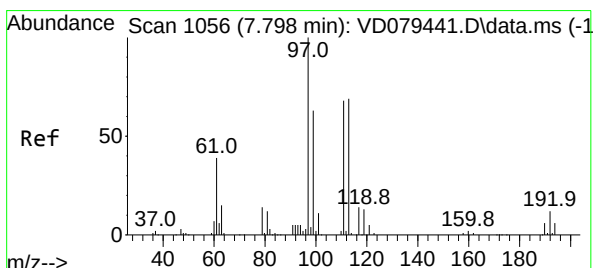
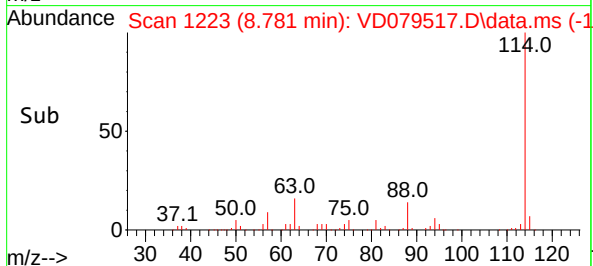
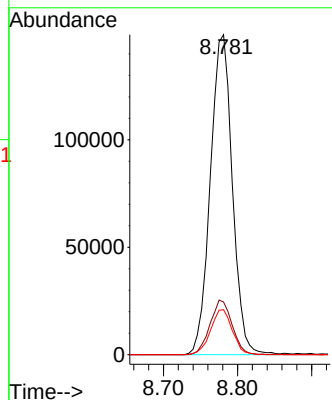
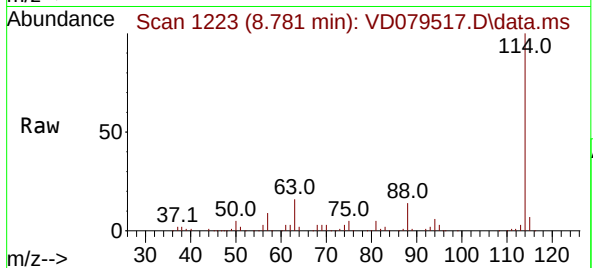
Tgt Ion:114 Resp: 307409

Ion Ratio Lower Upper

114 100

63 16.4 0.0 34.0

88 14.1 0.0 27.2



#35

Dibromofluoromethane

Concen: 47.730 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD079517.D

Acq: 01 Aug 2024 02:41

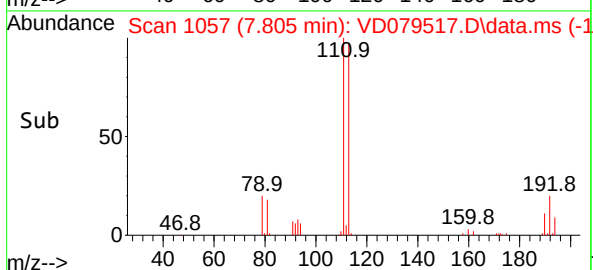
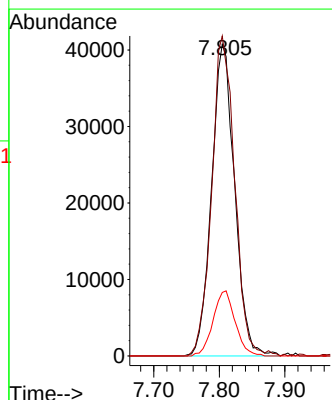
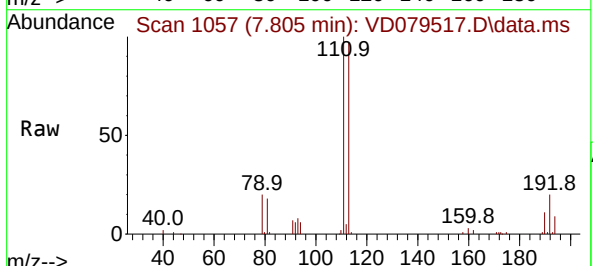
Tgt Ion:113 Resp: 99311

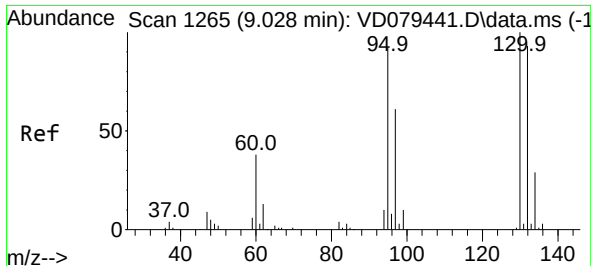
Ion Ratio Lower Upper

113 100

111 102.2 84.0 126.0

192 20.0 15.4 23.0

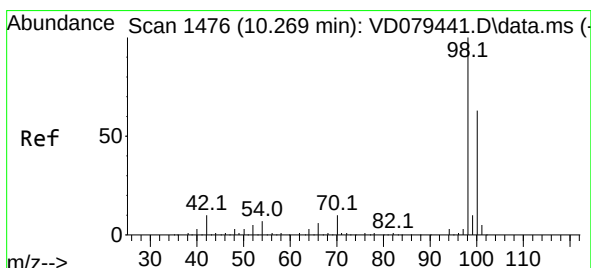
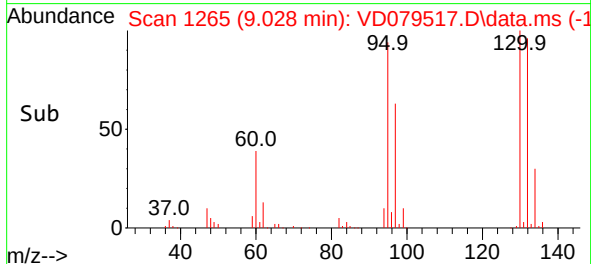
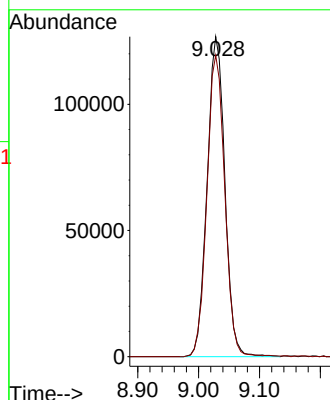
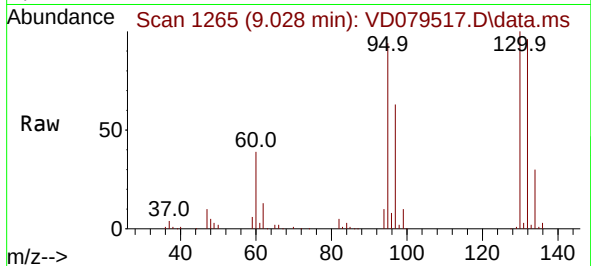




#44
Trichloroethene
Concen: 114.428 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD079517.D
Acq: 01 Aug 2024 02:41

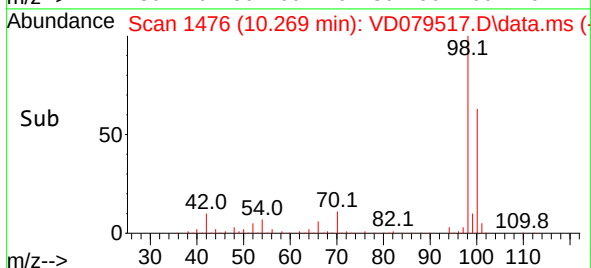
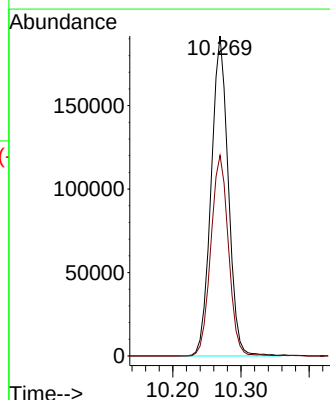
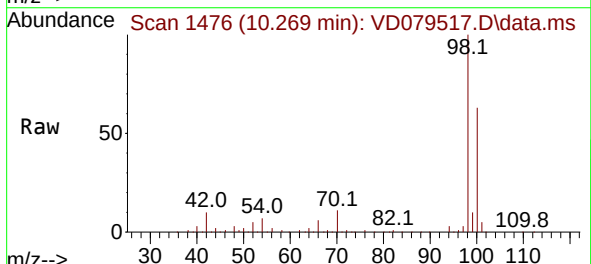
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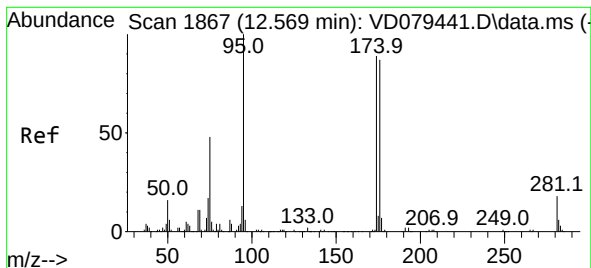
Tgt Ion:130 Resp: 256937
Ion Ratio Lower Upper
130 100
95 94.2 0.0 177.8



#50
Toluene-d8
Concen: 41.551 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VD079517.D
Acq: 01 Aug 2024 02:41

Tgt Ion: 98 Resp: 335731
Ion Ratio Lower Upper
98 100
100 64.3 51.6 77.4

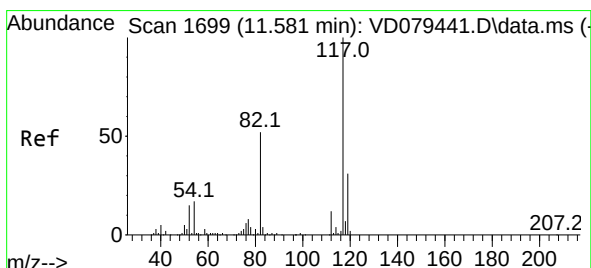
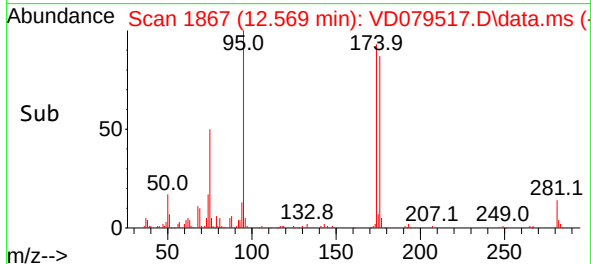
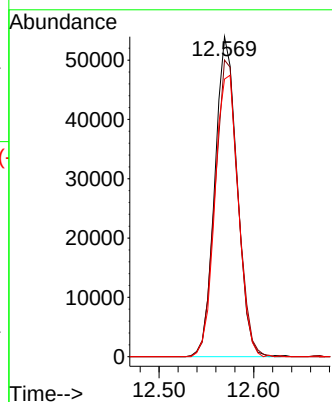
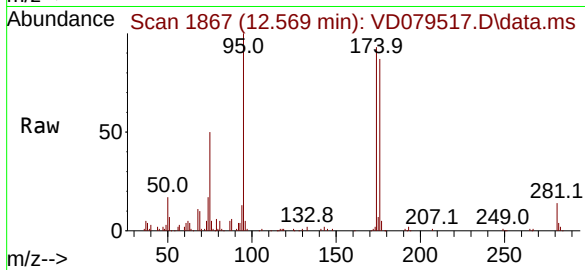




#62
4-Bromofluorobenzene
Concen: 37.623 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD079517.D
Acq: 01 Aug 2024 02:41

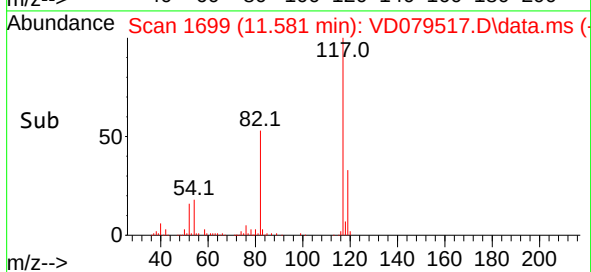
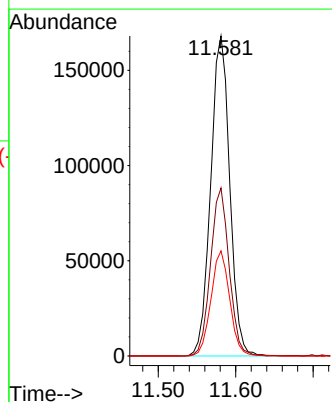
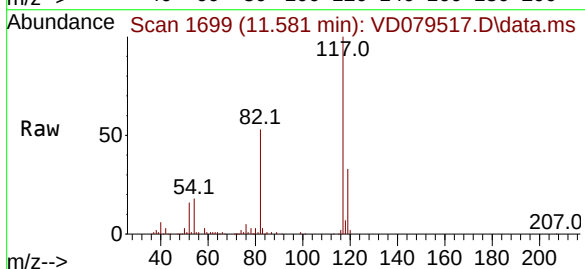
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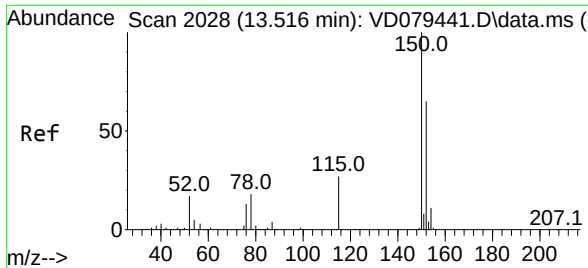
Tgt Ion: 95 Resp: 87970
Ion Ratio Lower Upper
95 100
174 95.8 0.0 195.4
176 92.5 0.0 192.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD079517.D
Acq: 01 Aug 2024 02:41

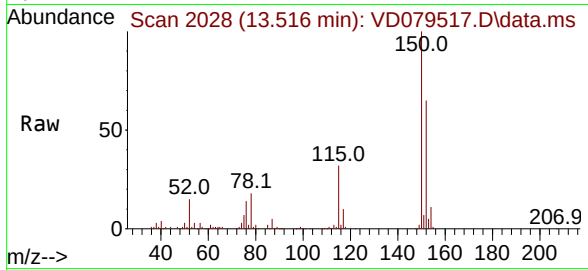
Tgt Ion: 117 Resp: 287806
Ion Ratio Lower Upper
117 100
82 52.5 39.8 59.6
119 32.9 25.7 38.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VD079517.D
 Acq: 01 Aug 2024 02:41

Instrument :
 MSVOA_D
 ClientSampleId :
 S-847-G1-SO-12.5-13-072024



Tgt Ion:152 Resp: 124926

Ion	Ratio	Lower	Upper
152	100		
115	52.0	26.5	79.5
150	156.9	0.0	341.6

