

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD073124\
 Data File : VD079521.D
 Acq On : 01 Aug 2024 04:31
 Operator : RP/MD
 Sample : P3374-07
 Misc : 7.33G/5.0ml/MSVOA_D/SOIL/B
 ALS Vial : 41 Sample Multiplier: 1

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

Quant Time: Aug 01 06:08:04 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)

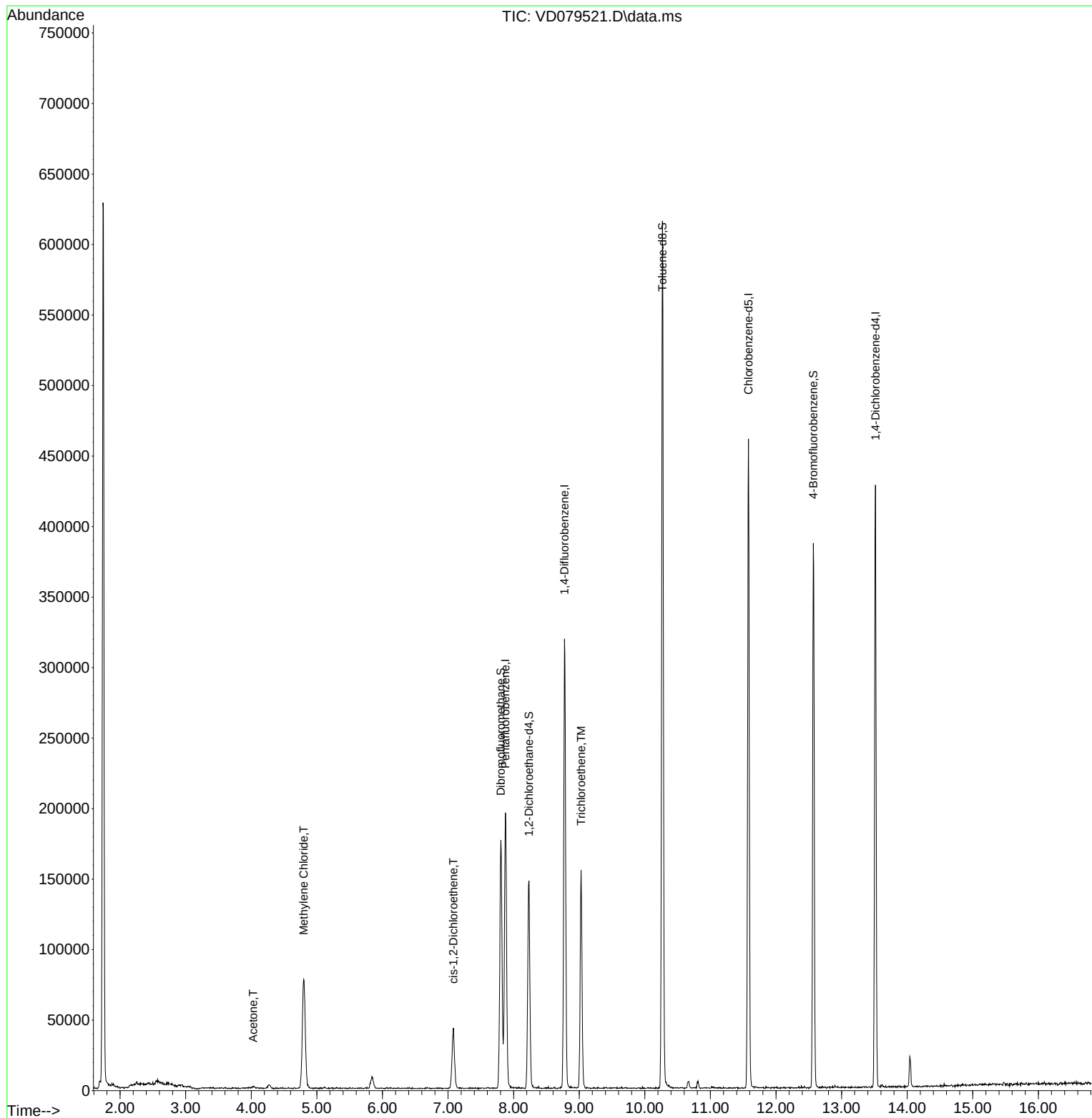
Internal Standards						
1) Pentafluorobenzene	7.875	168	159584	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	291893	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	281848	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	120302	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	113950	70.286	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 140.580%	
35) Dibromofluoromethane	7.805	113	127262	64.415	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 128.820%	
50) Toluene-d8	10.269	98	441246	57.512	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 115.020%	
62) 4-Bromofluorobenzene	12.569	95	113167	50.972	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 101.940%	
Target Compounds						
					Qvalue	
16) Acetone	4.028	43	2334	7.408	ug/l #	74
20) Methylene Chloride	4.799	84	63929	18.492	ug/l #	86
27) cis-1,2-Dichloroethene	7.081	96	26832	12.119	ug/l	96
44) Trichloroethene	9.028	130	57314	26.882	ug/l	99

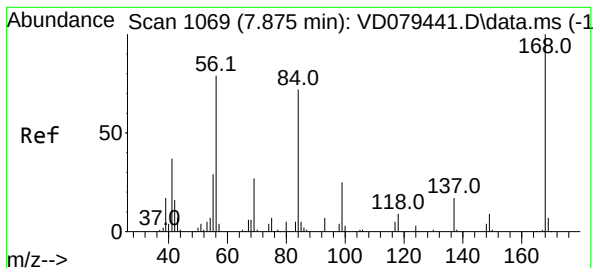
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Jul 30 03:50:47 2024
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD079521.D

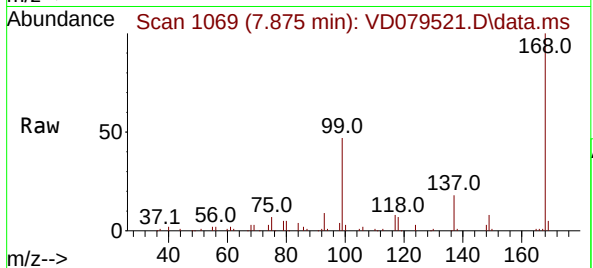
Acq: 01 Aug 2024 04:31

Instrument :

MSVOA_D

ClientSampleId :

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

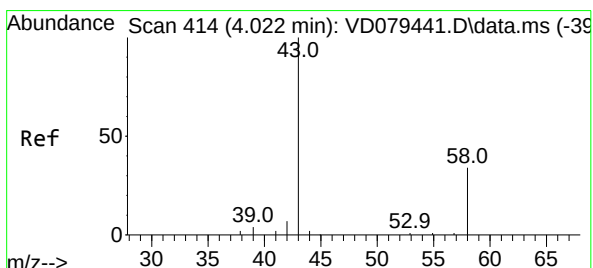
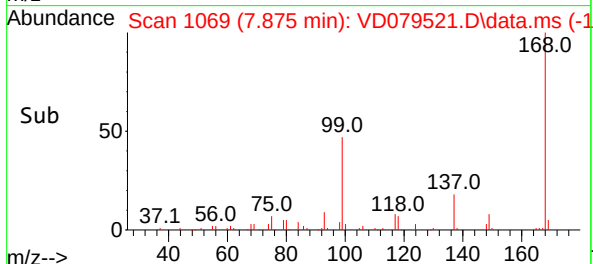
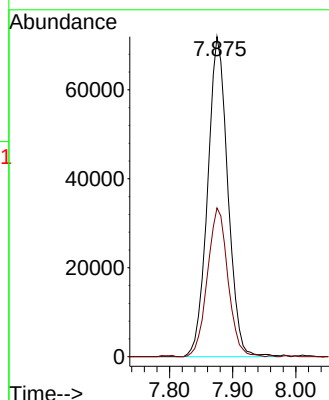


Tgt Ion:168 Resp: 159584

Ion Ratio Lower Upper

168 100

99 46.5 41.1 61.7



#16

Acetone

Concen: 7.408 ug/l

RT: 4.028 min Scan# 415

Delta R.T. 0.006 min

Lab File: VD079521.D

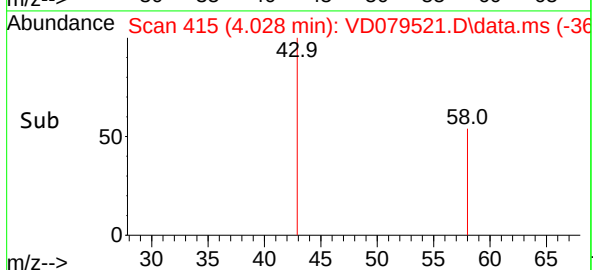
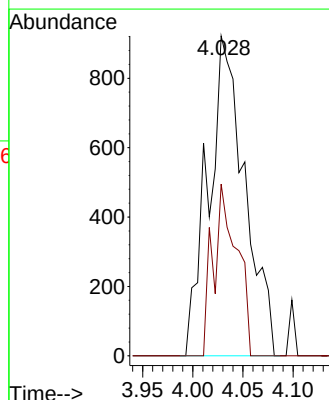
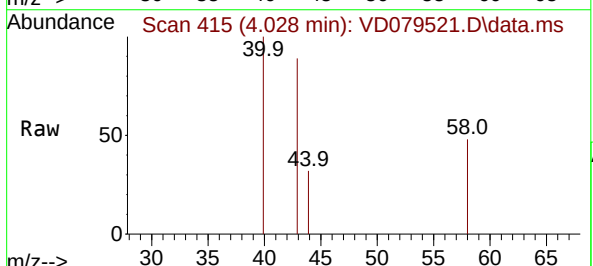
Acq: 01 Aug 2024 04:31

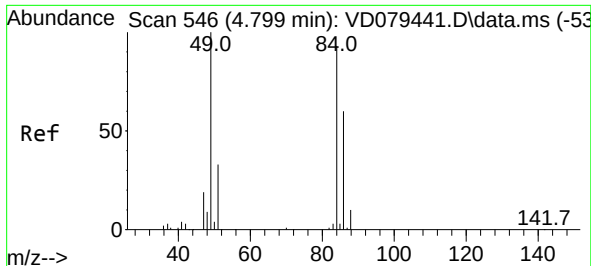
Tgt Ion: 43 Resp: 2334

Ion Ratio Lower Upper

43 100

58 53.7 30.4 45.6#

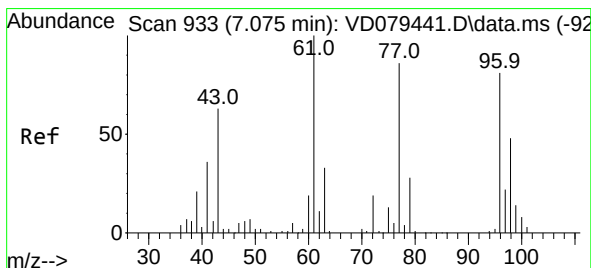
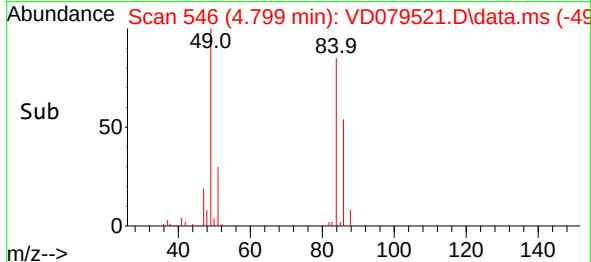
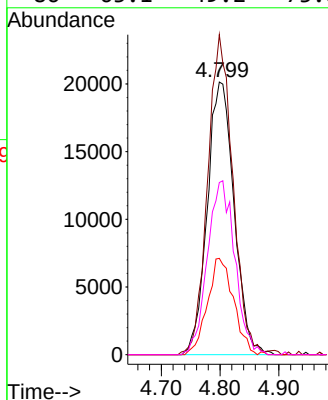
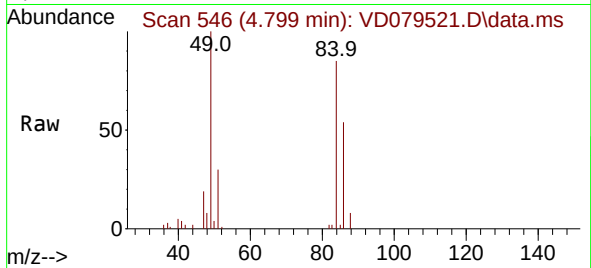




#20
Methylene Chloride
Concen: 18.492 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD079521.D
Acq: 01 Aug 2024 04:31

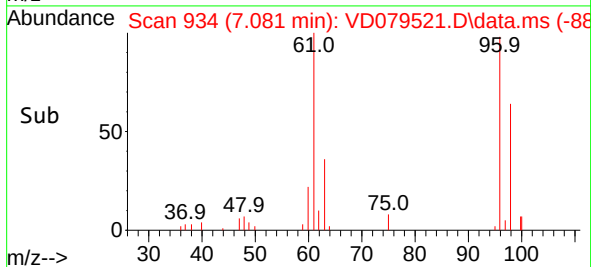
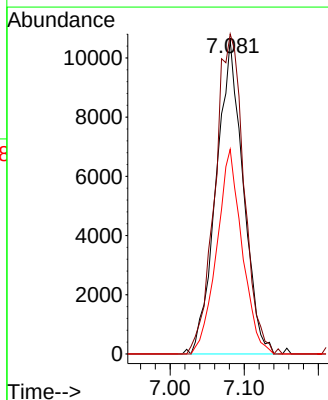
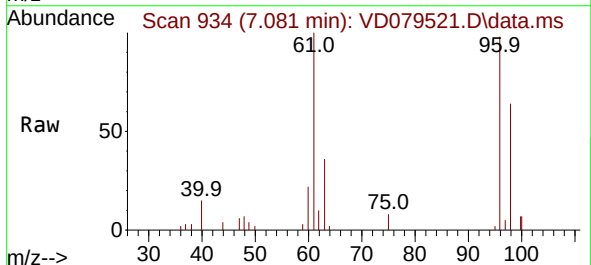
Instrument :
MSVOA_D
ClientSampleId :
S-862-K2-SO-12-12.5-072024

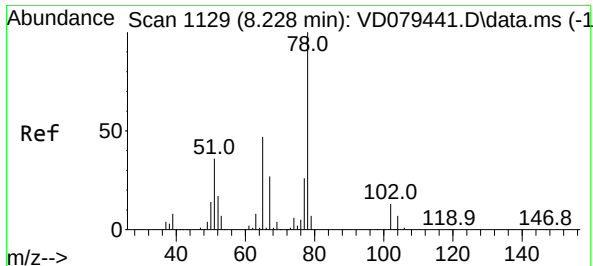
Tgt Ion:	84	Resp:	63929
Ion	Ratio	Lower	Upper
84	100		
49	117.4	75.6	113.4#
51	35.3	24.2	36.2
86	63.1	49.2	73.8



#27
cis-1,2-Dichloroethene
Concen: 12.119 ug/l
RT: 7.081 min Scan# 934
Delta R.T. 0.006 min
Lab File: VD079521.D
Acq: 01 Aug 2024 04:31

Tgt Ion:	96	Resp:	26832
Ion	Ratio	Lower	Upper
96	100		
61	109.4	0.0	229.0
98	61.3	0.0	127.2





#33

1,2-Dichloroethane-d4

Concen: 70.286 ug/l

RT: 8.234 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VD079521.D

Acq: 01 Aug 2024 04:31

Instrument :

MSVOA_D

ClientSampleId :

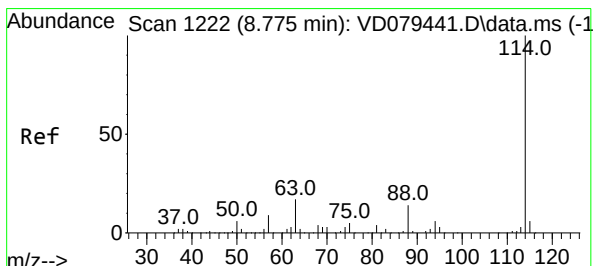
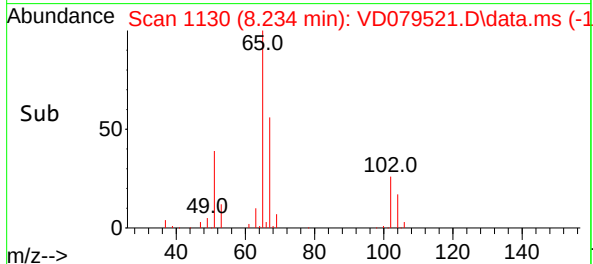
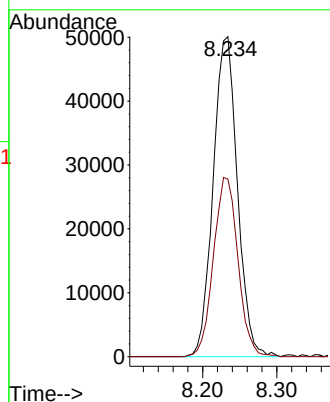
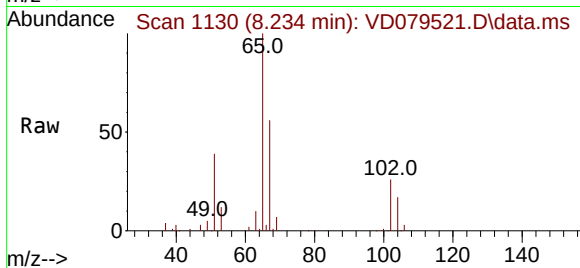
S-862-K2-SO-12-12.5-072024

Tgt Ion: 65 Resp: 113950

Ion Ratio Lower Upper

65 100

67 56.6 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: VD079521.D

Acq: 01 Aug 2024 04:31

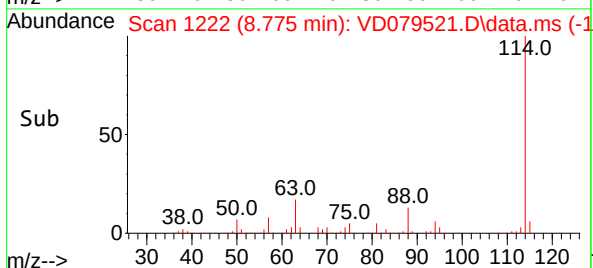
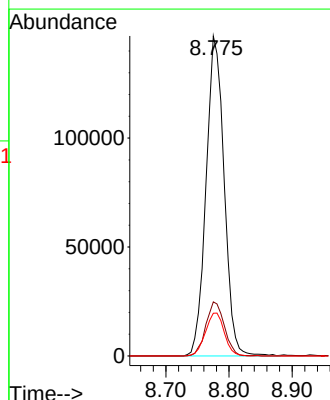
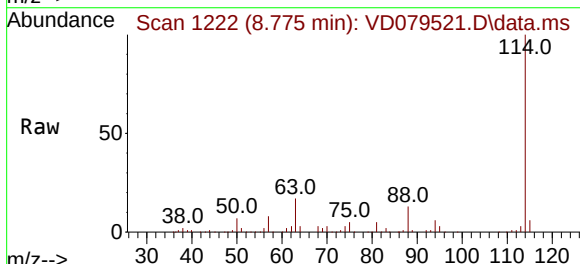
Tgt Ion: 114 Resp: 291893

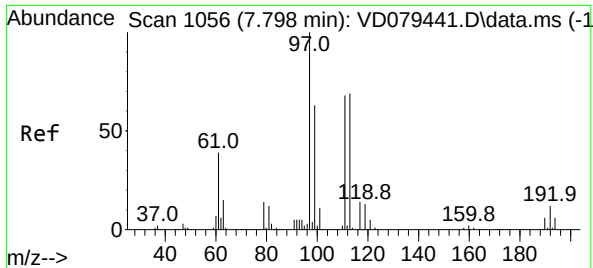
Ion Ratio Lower Upper

114 100

63 16.9 0.0 34.0

88 13.4 0.0 27.2





#35

Dibromofluoromethane

Concen: 64.415 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD079521.D

Acq: 01 Aug 2024 04:31

Instrument :

MSVOA_D

ClientSampleId :

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

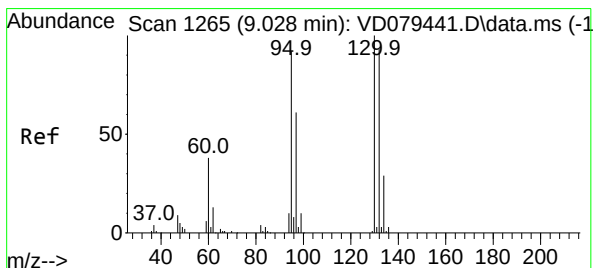
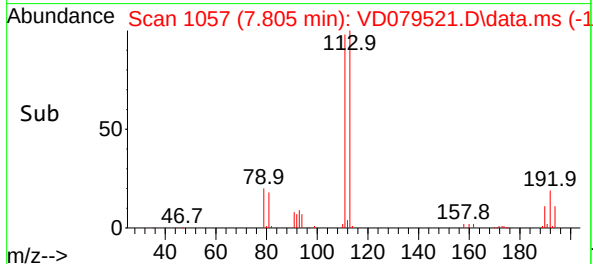
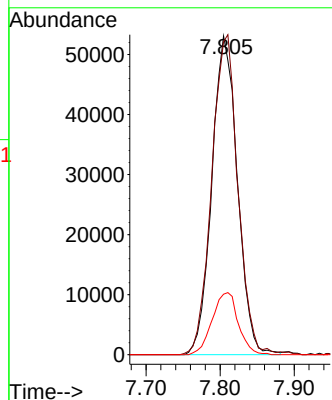
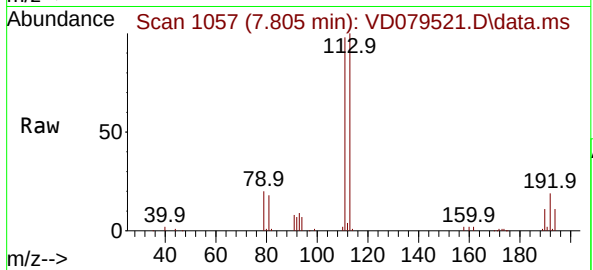
Tgt Ion:113 Resp: 127262

Ion Ratio Lower Upper

113 100

111 102.9 84.0 126.0

192 19.9 15.4 23.0



#44

Trichloroethene

Concen: 26.882 ug/l

RT: 9.028 min Scan# 1265

Delta R.T. -0.000 min

Lab File: VD079521.D

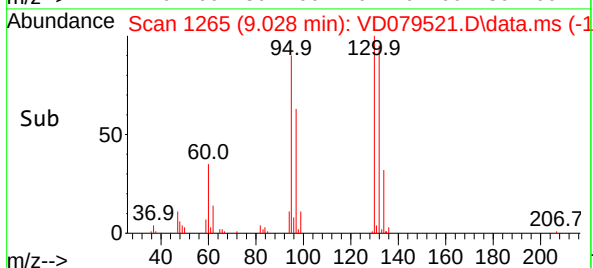
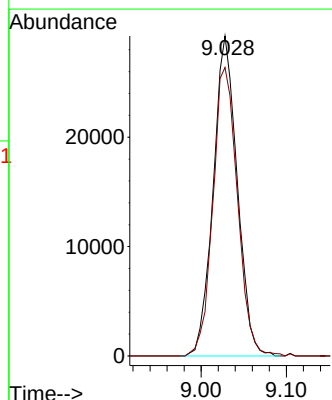
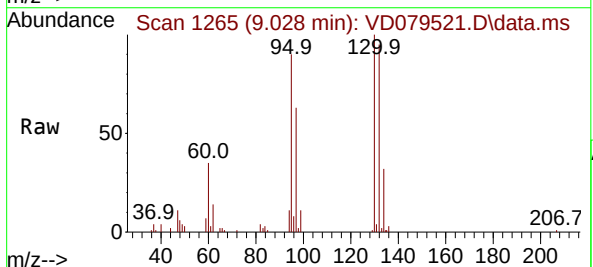
Acq: 01 Aug 2024 04:31

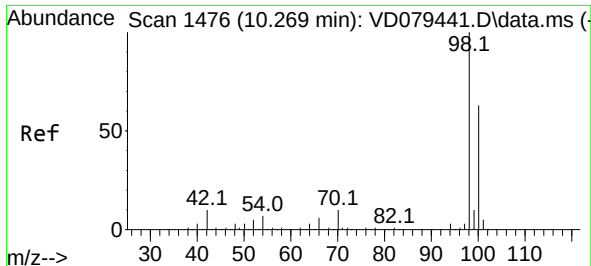
Tgt Ion:130 Resp: 57314

Ion Ratio Lower Upper

130 100

95 90.1 0.0 177.8

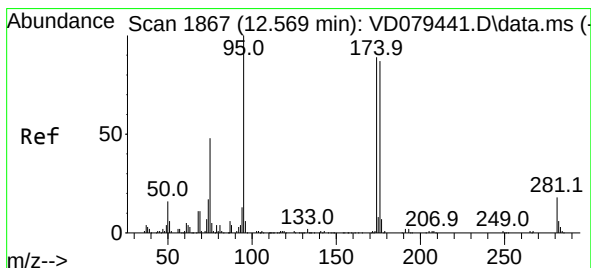
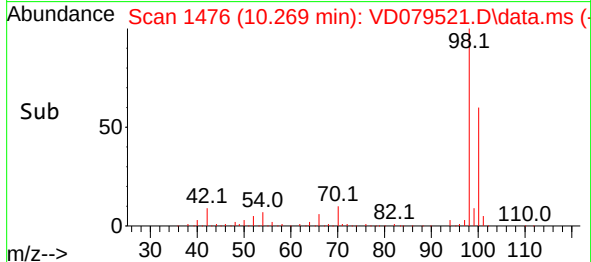
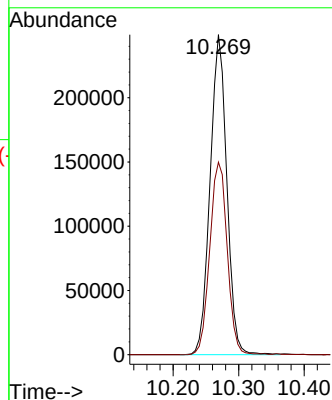
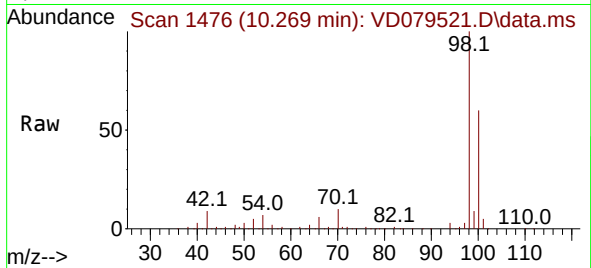




#50
Toluene-d8
Concen: 57.512 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VD079521.D
Acq: 01 Aug 2024 04:31

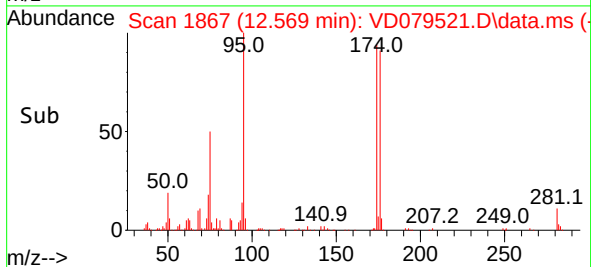
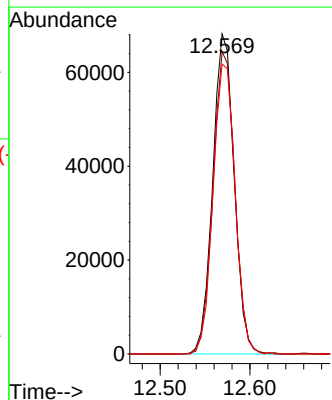
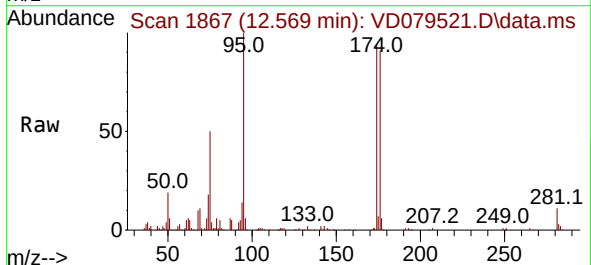
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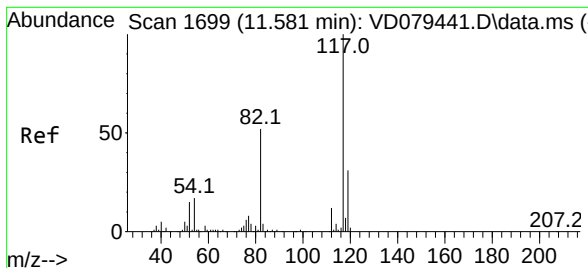
Tgt Ion: 98 Resp: 441246
Ion Ratio Lower Upper
98 100
100 62.8 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 50.972 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079521.D
Acq: 01 Aug 2024 04:31

Tgt Ion: 95 Resp: 113167
Ion Ratio Lower Upper
95 100
174 95.9 0.0 195.4
176 93.3 0.0 192.6

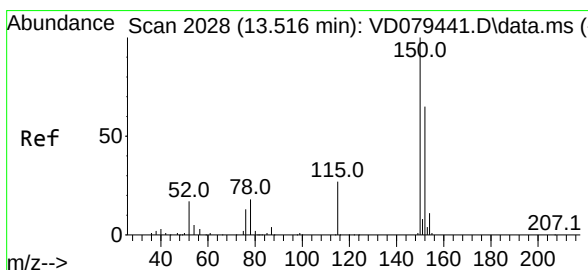
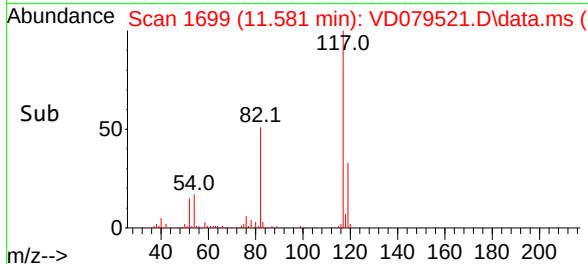
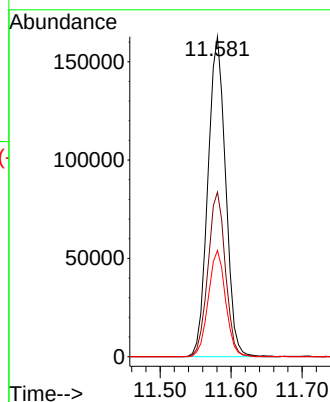
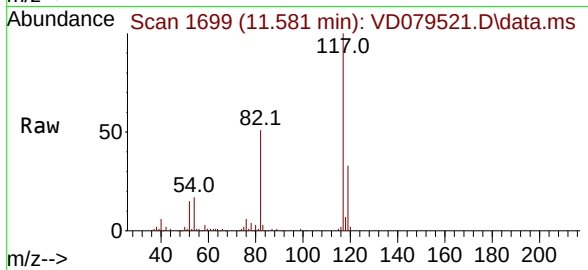




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD079521.D
Acq: 01 Aug 2024 04:31

Instrument :
MSVOA_D
ClientSampleId :
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Tgt Ion:117 Resp: 281848
Ion Ratio Lower Upper
117 100
82 51.4 39.8 59.6
119 33.2 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: VD079521.D
Acq: 01 Aug 2024 04:31

Tgt Ion:152 Resp: 120302
Ion Ratio Lower Upper
152 100
115 54.9 26.5 79.5
150 156.7 0.0 341.6

