

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080124\
 Data File : VD079533.D
 Acq On : 01 Aug 2024 18:45
 Operator : RP/MD
 Sample : P3374-10RE
 Misc : 7.54G/5.0ml/MSVOA_D/SOIL/B
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S-862-K2-SO-12.75-13.25-072024RE

Quant Time: Aug 02 01:32:12 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)

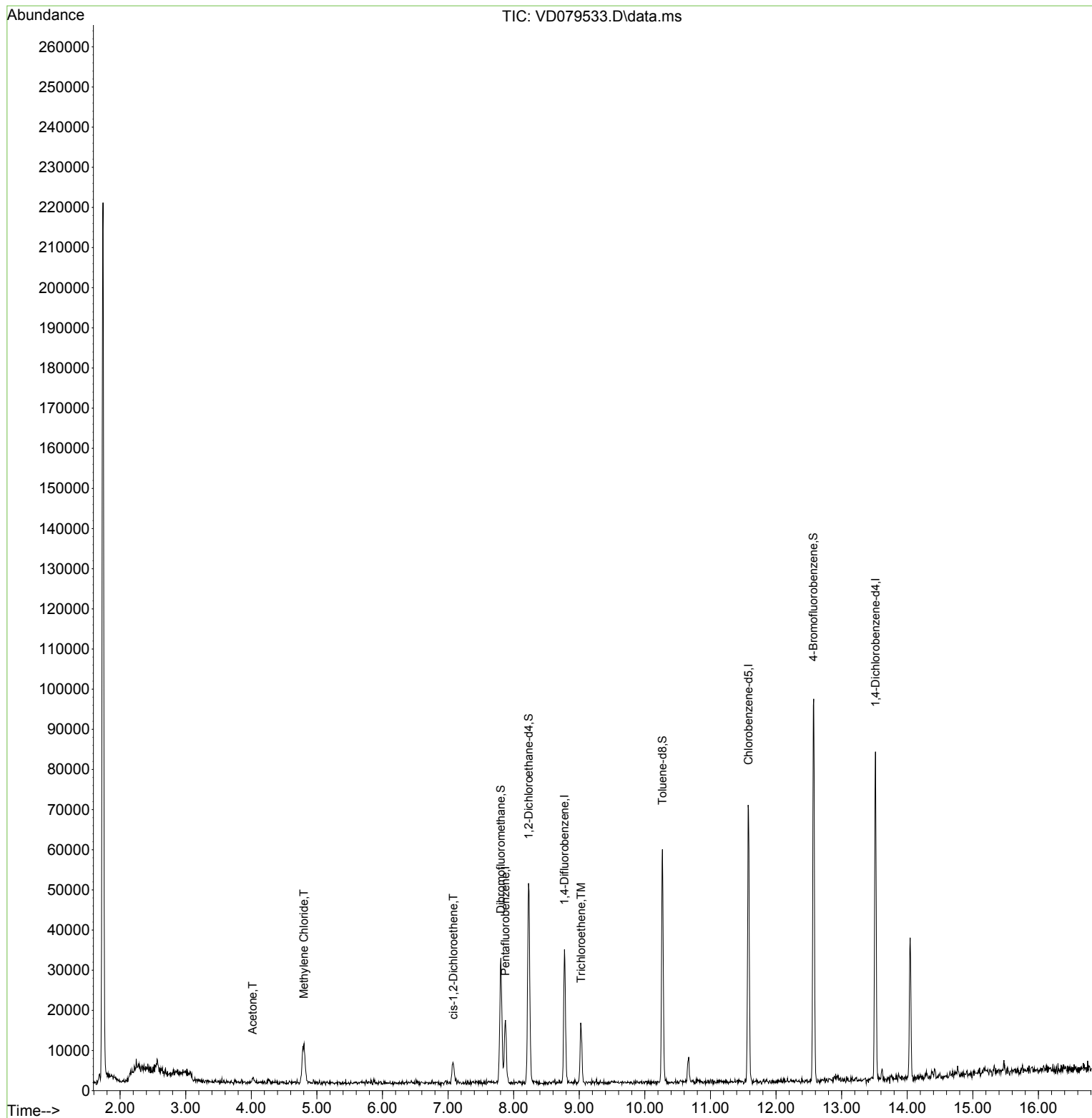
Internal Standards						
1) Pentafluorobenzene	7.875	168	13195	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	29974	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	43750	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	22294	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	39257	292.856	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 585.720%#	
35) Dibromofluoromethane	7.804	113	22270	109.770	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 219.540%#	
50) Toluene-d8	10.269	98	41612	52.817	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 105.640%	
62) 4-Bromofluorobenzene	12.569	95	19078	83.680	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 167.360%#	
Target Compounds						
					Qvalue	
16) Acetone	4.022	43	2258	86.675	ug/l	97
20) Methylene Chloride	4.805	84	8578	42.944	ug/l	93
27) cis-1,2-Dichloroethene	7.081	96	2638	14.410	ug/l	97
44) Trichloroethene	9.028	130	5638	25.752	ug/l	95

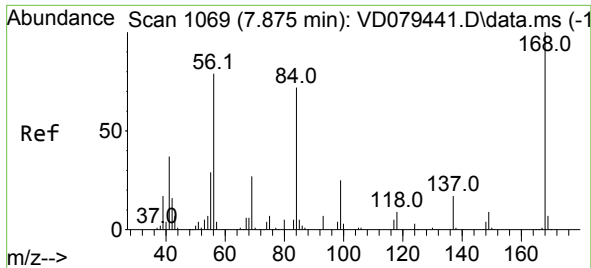
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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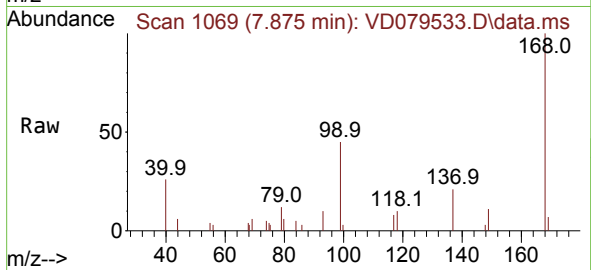
Quant Time: Aug 02 01:32:12 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
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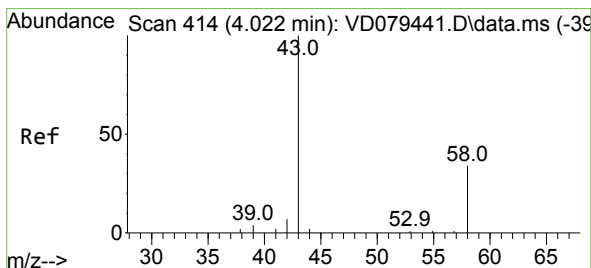
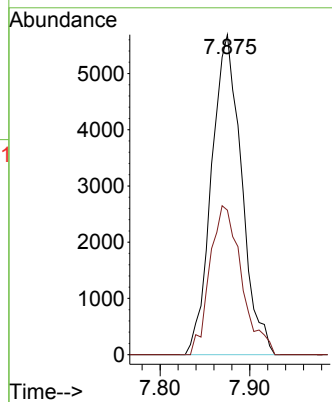
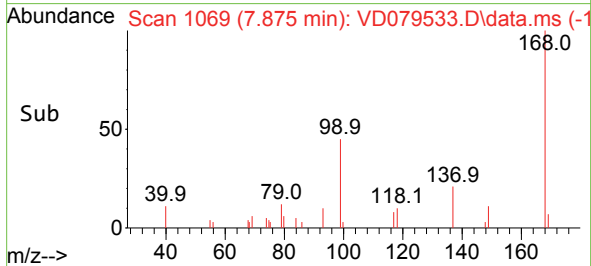


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079533.D
Acq: 01 Aug 2024 18:45

Instrument :
MSVOA_D
ClientSampleId :
S-862-K2-SO-12.75-13.25-072024RE

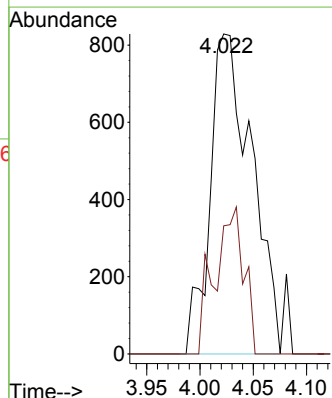
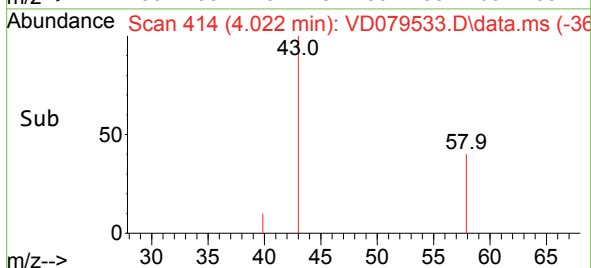
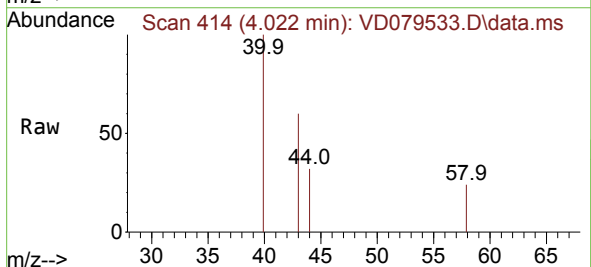


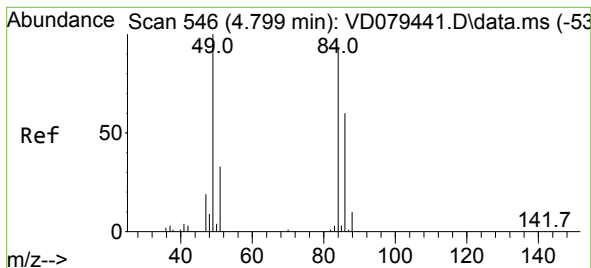
Tgt Ion:168 Resp: 13195
Ion Ratio Lower Upper
168 100
99 45.1 41.1 61.7



#16
Acetone
Concen: 86.675 ug/l
RT: 4.022 min Scan# 414
Delta R.T. -0.000 min
Lab File: VD079533.D
Acq: 01 Aug 2024 18:45

Tgt Ion: 43 Resp: 2258
Ion Ratio Lower Upper
43 100
58 40.0 30.4 45.6





#20

Methylene Chloride

Concen: 42.944 ug/l

RT: 4.805 min Scan# 546

Delta R.T. 0.006 min

Lab File: VD079533.D

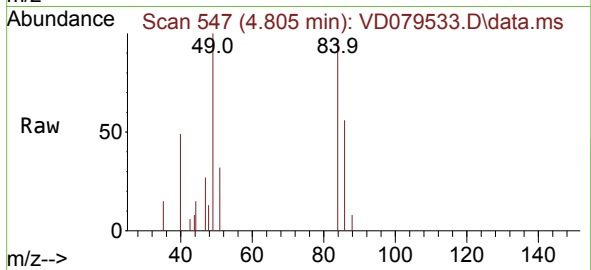
Acq: 01 Aug 2024 18:45

Instrument :

MSVOA_D

ClientSampleId :

S-862-K2-SO-12.75-13.25-072024RE



Tgt Ion: 84 Resp: 8578

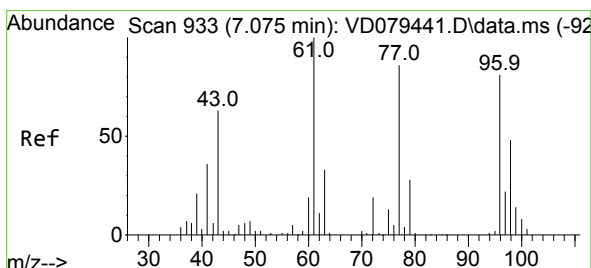
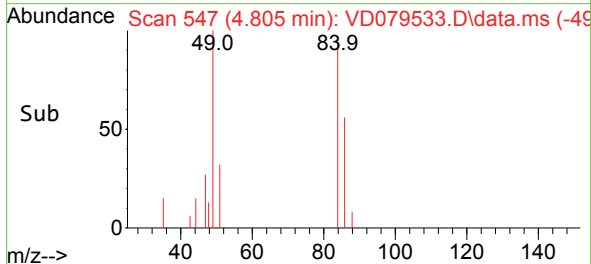
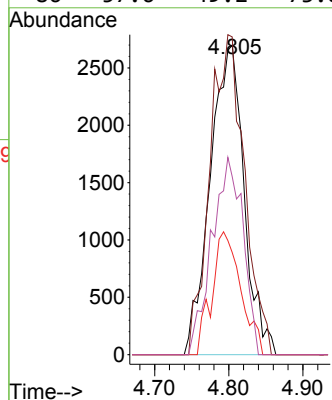
Ion Ratio Lower Upper

84 100

49 102.7 75.6 113.4

51 33.0 24.2 36.2

86 57.6 49.2 73.8



#27

cis-1,2-Dichloroethene

Concen: 14.410 ug/l

RT: 7.081 min Scan# 934

Delta R.T. 0.006 min

Lab File: VD079533.D

Acq: 01 Aug 2024 18:45

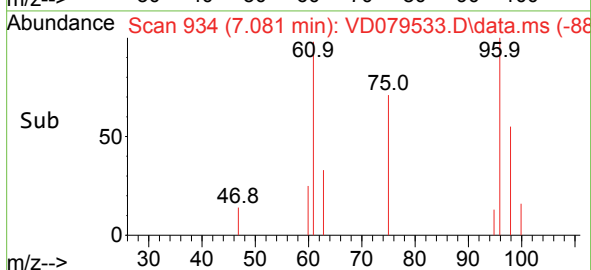
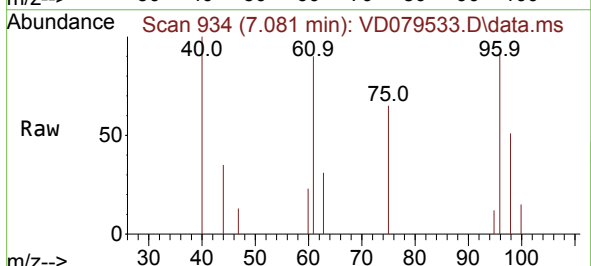
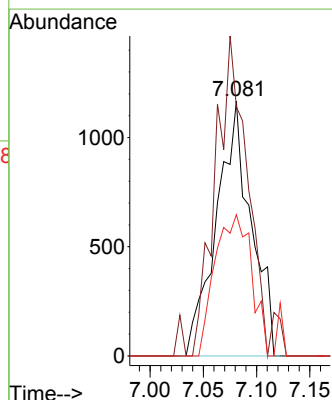
Tgt Ion: 96 Resp: 2638

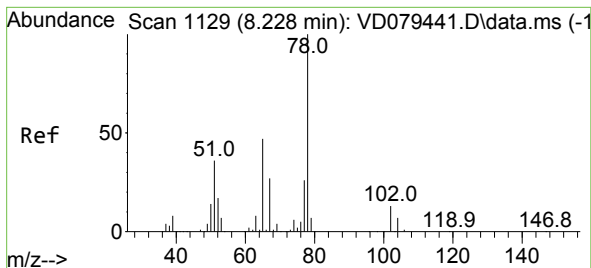
Ion Ratio Lower Upper

96 100

61 115.0 0.0 229.0

98 58.5 0.0 127.2





#33

1,2-Dichloroethane-d4

Concen: 292.856 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD079533.D

Acq: 01 Aug 2024 18:45

Instrument :

MSVOA_D

ClientSampleId :

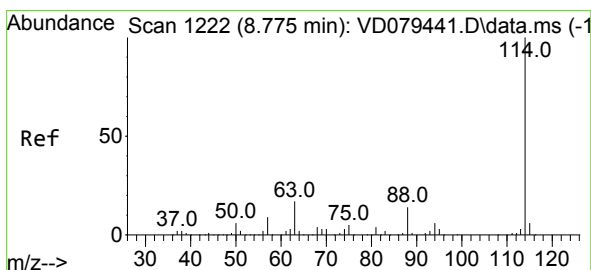
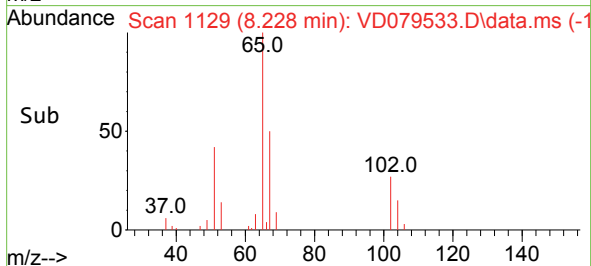
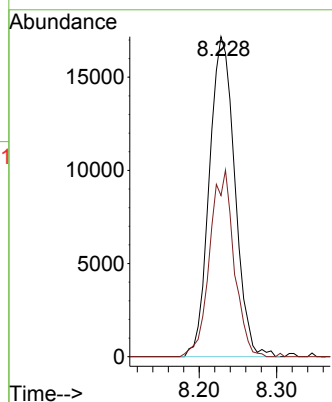
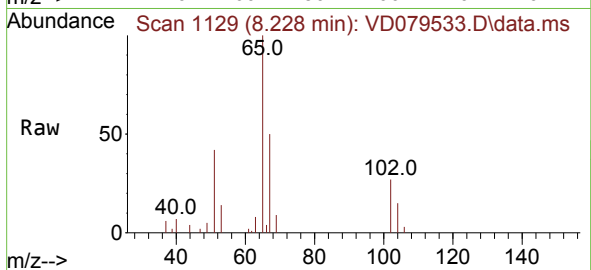
S-862-K2-SO-12.75-13.25-072024RE

Tgt Ion: 65 Resp: 39257

Ion Ratio Lower Upper

65 100

67 55.7 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: VD079533.D

Acq: 01 Aug 2024 18:45

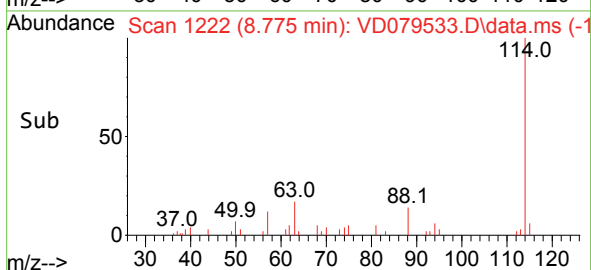
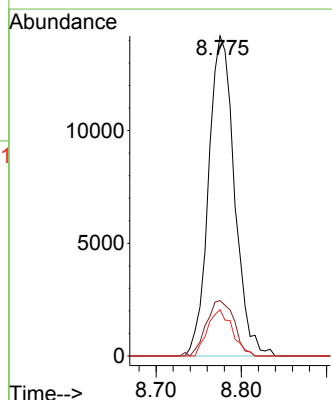
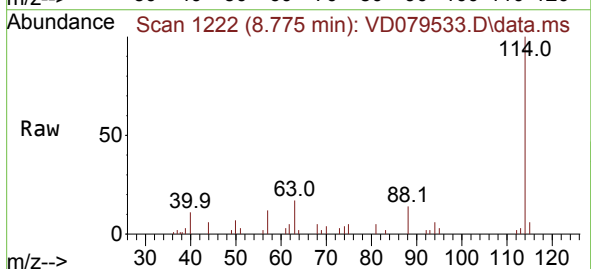
Tgt Ion: 114 Resp: 29974

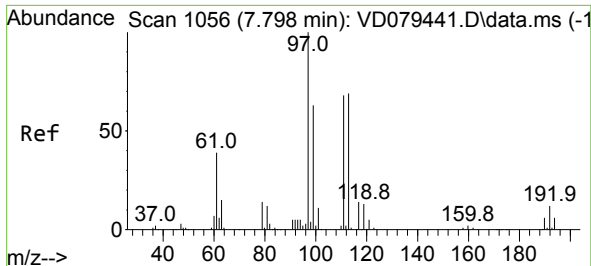
Ion Ratio Lower Upper

114 100

63 17.3 0.0 34.0

88 14.5 0.0 27.2





#35

Dibromofluoromethane

Concen: 109.770 ug/l

RT: 7.804 min Scan# 113

Delta R.T. -0.000 min

Lab File: VD079533.D

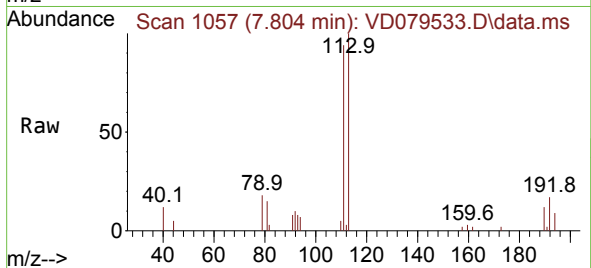
Acq: 01 Aug 2024 18:45

Instrument :

MSVOA_D

ClientSampleId :

S-862-K2-SO-12.75-13.25-072024RE



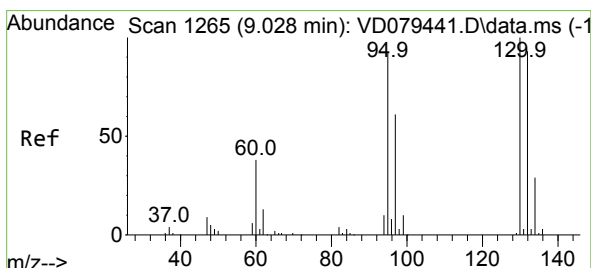
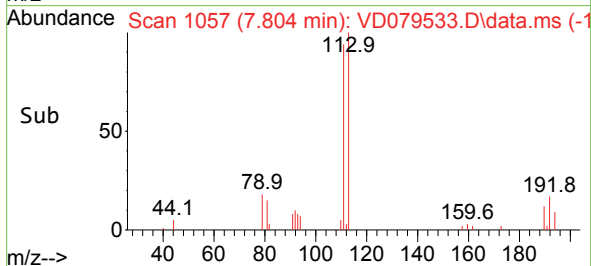
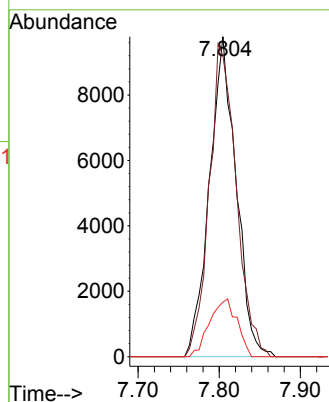
Tgt Ion:113 Resp: 22270

Ion Ratio Lower Upper

113 100

111 99.1 84.0 126.0

192 18.6 15.4 23.0



#44

Trichloroethene

Concen: 25.752 ug/l

RT: 9.028 min Scan# 1265

Delta R.T. -0.000 min

Lab File: VD079533.D

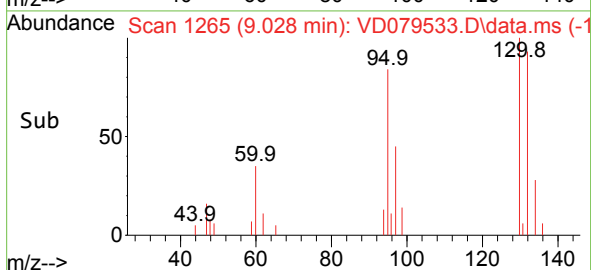
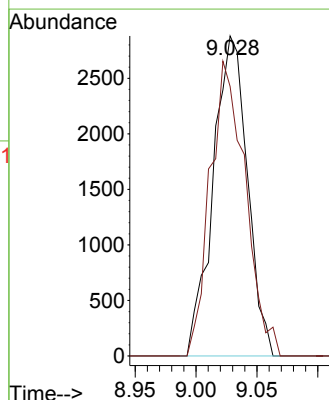
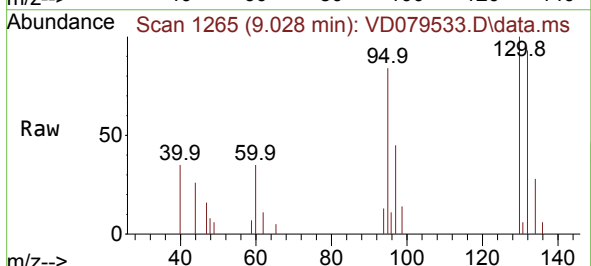
Acq: 01 Aug 2024 18:45

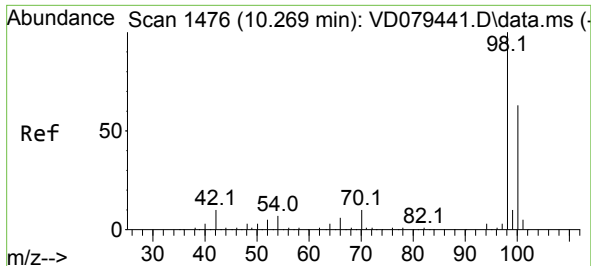
Tgt Ion:130 Resp: 5638

Ion Ratio Lower Upper

130 100

95 84.2 0.0 177.8

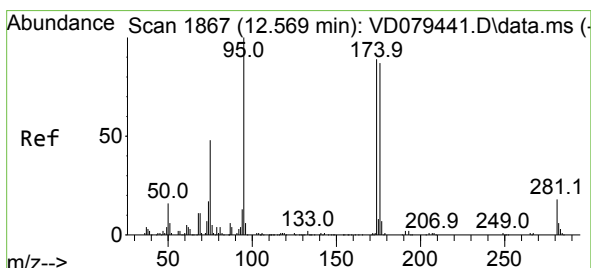
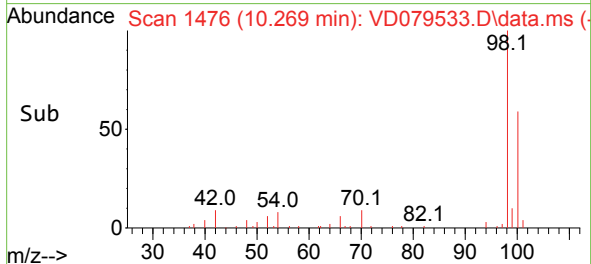
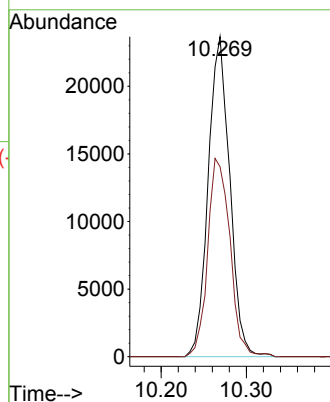
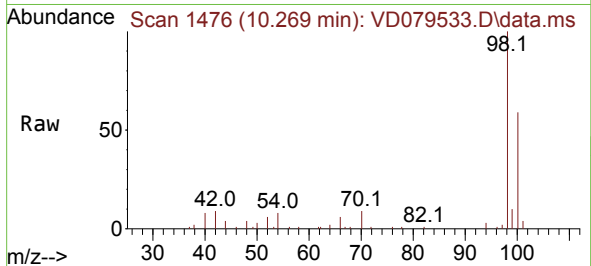




#50
Toluene-d8
Concen: 52.817 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VD079533.D
Acq: 01 Aug 2024 18:45

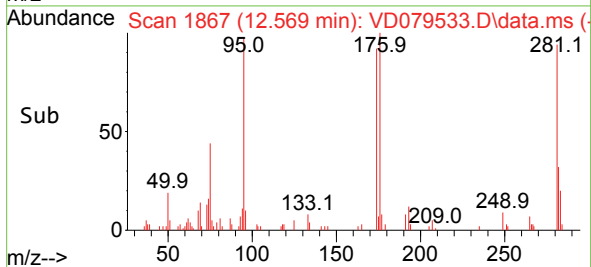
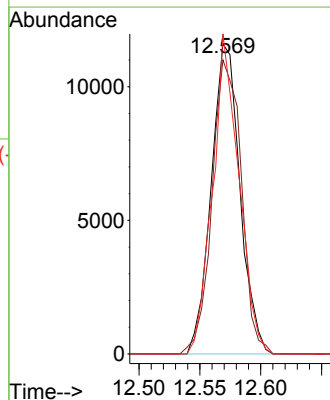
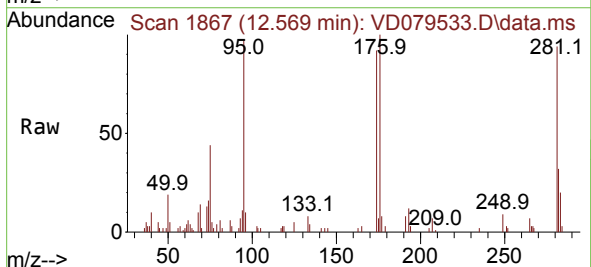
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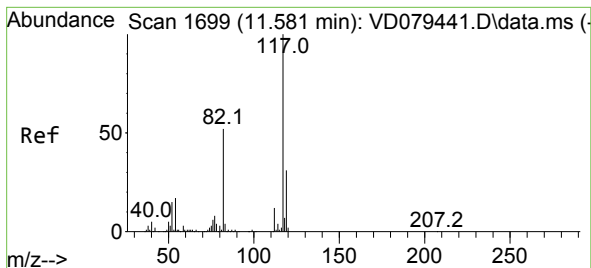
Tgt Ion: 98 Resp: 41612
Ion Ratio Lower Upper
98 100
100 64.0 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 83.680 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079533.D
Acq: 01 Aug 2024 18:45

Tgt Ion: 95 Resp: 19078
Ion Ratio Lower Upper
95 100
174 96.4 0.0 195.4
176 94.5 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: VD079533.D

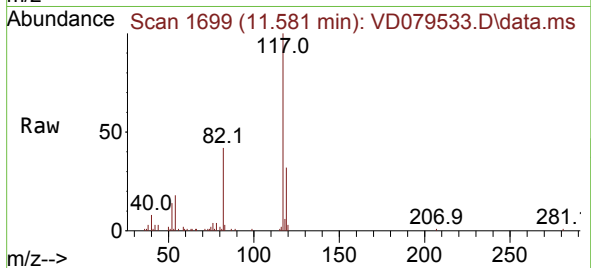
Acq: 01 Aug 2024 18:45

Instrument :

MSVOA_D

ClientSampleId :

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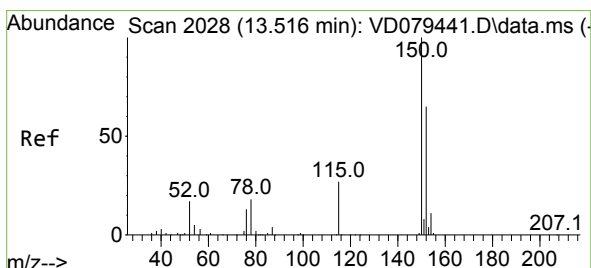
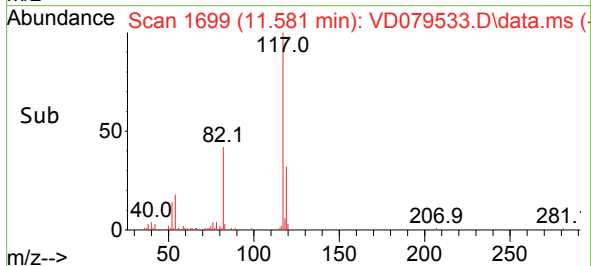
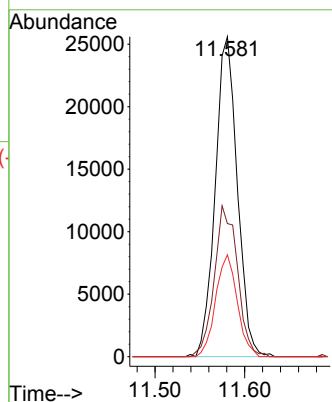
Tgt Ion:117 Resp: 43750

Ion Ratio Lower Upper

117 100

82 41.6 39.8 59.6

119 31.9 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: VD079533.D

Acq: 01 Aug 2024 18:45

Tgt Ion:152 Resp: 22294

Ion Ratio Lower Upper

152 100

115 57.0 26.5 79.5

150 164.7 0.0 341.6

