

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD073124\
 Data File : VD079512.D
 Acq On : 01 Aug 2024 00:25
 Operator : RP/MD
 Sample : P3374-10
 Misc : 7.44G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 32 Sample Multiplier: 1

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

Quant Time: Aug 01 02:54:51 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)

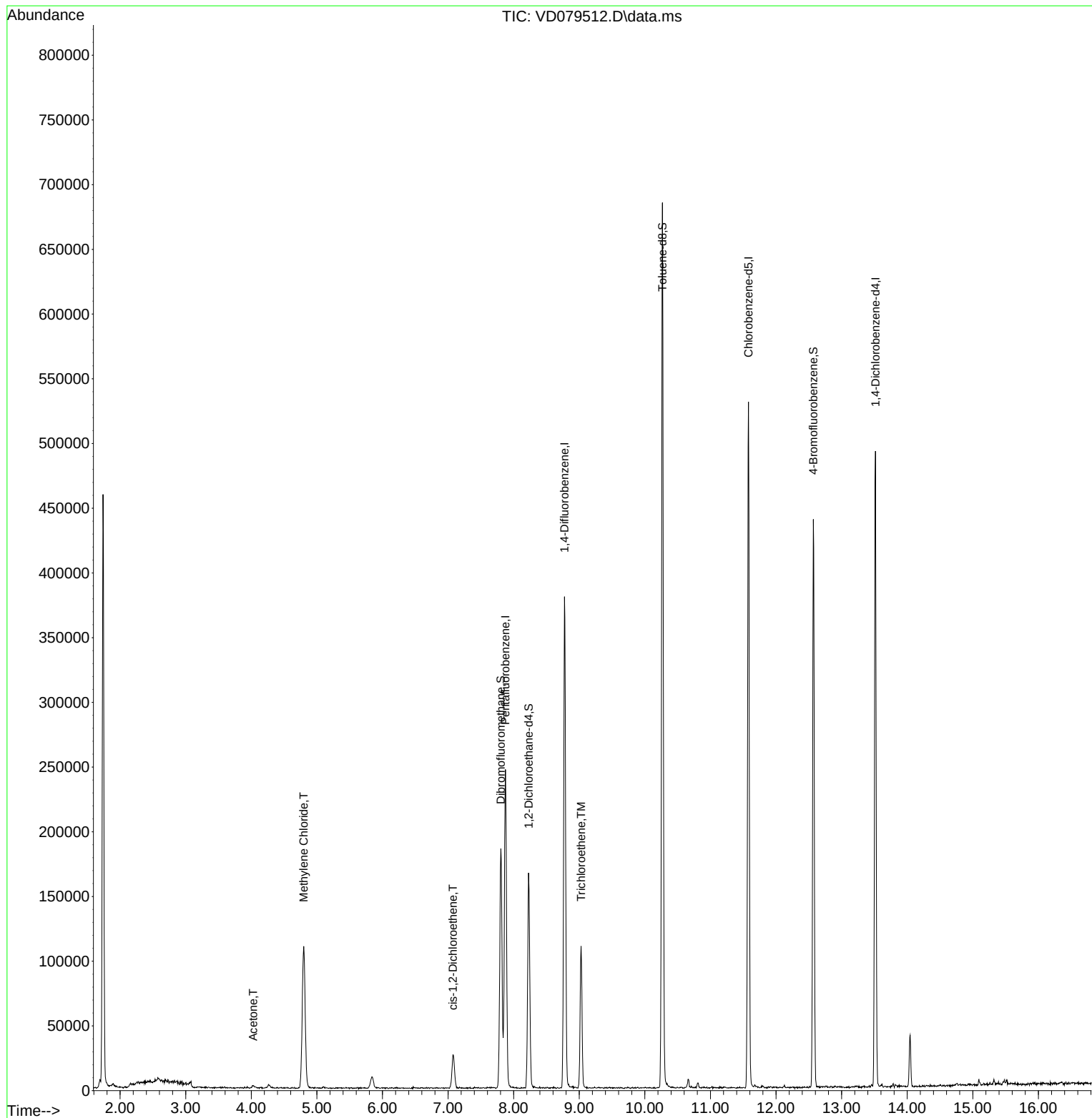
Internal Standards						
1) Pentafluorobenzene	7.875	168	196796	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	350978	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	326720	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	140186	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	125867	62.957	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	125.920%
35) Dibromofluoromethane	7.805	113	138436	58.275	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	116.540%
50) Toluene-d8	10.269	98	486139	52.697	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	105.400%
62) 4-Bromofluorobenzene	12.569	95	126881	47.528	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	95.060%
Target Compounds						
						Qvalue
16) Acetone	4.028	43	2812	7.237	ug/l #	70
20) Methylene Chloride	4.799	84	88501	23.577	ug/l #	86
27) cis-1,2-Dichloroethene	7.075	96	17164	6.286	ug/l	96
44) Trichloroethene	9.028	130	42668	16.644	ug/l	95

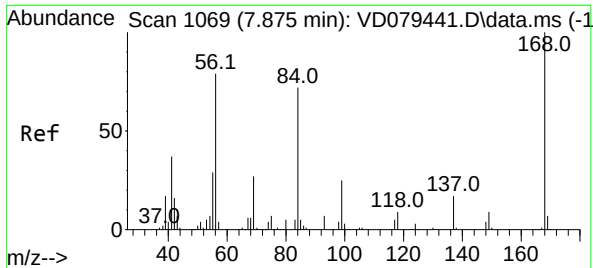
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

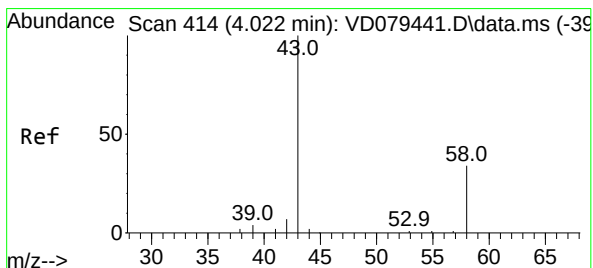
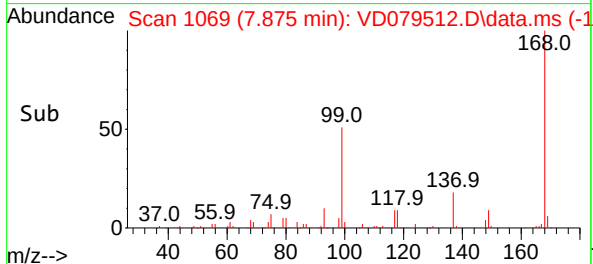
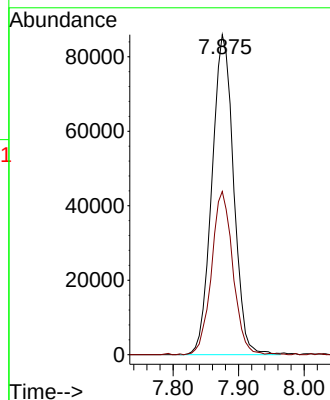
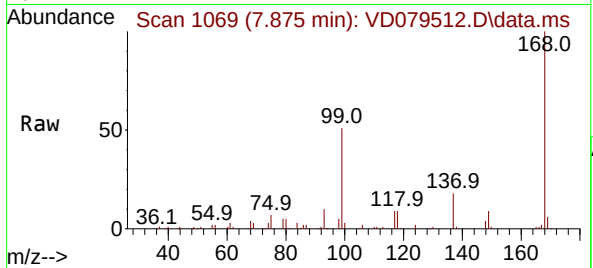




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079512.D
Acq: 01 Aug 2024 00:25

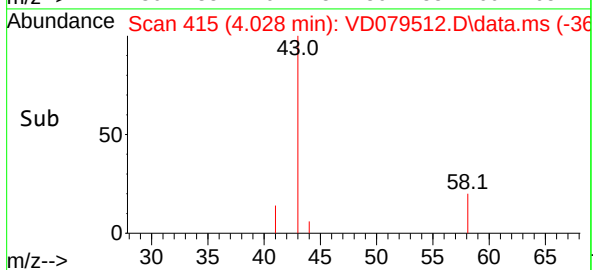
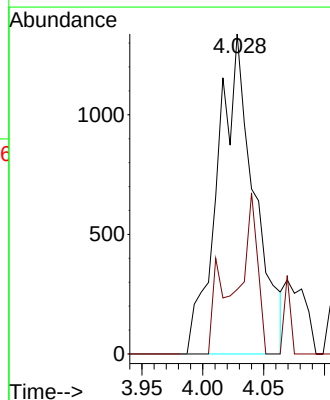
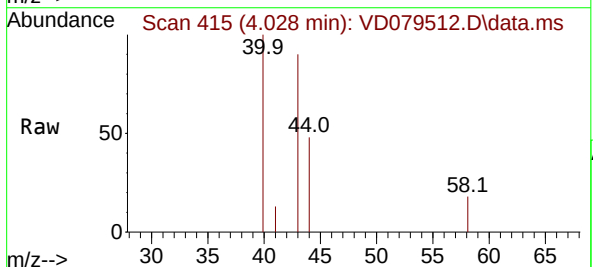
Instrument :
MSVOA_D
ClientSampleId :
S-862-K2-SO-12.75-13.25-072024

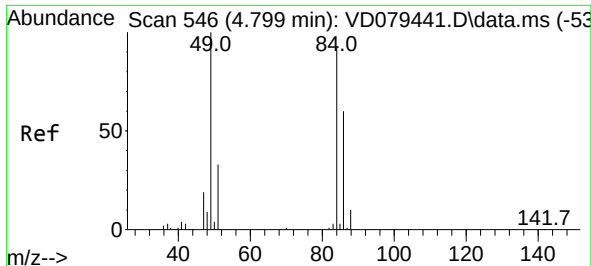
Tgt Ion:168 Resp: 196796
Ion Ratio Lower Upper
168 100
99 50.8 41.1 61.7



#16
Acetone
Concen: 7.237 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.006 min
Lab File: VD079512.D
Acq: 01 Aug 2024 00:25

Tgt Ion: 43 Resp: 2812
Ion Ratio Lower Upper
43 100
58 20.2 30.4 45.6#

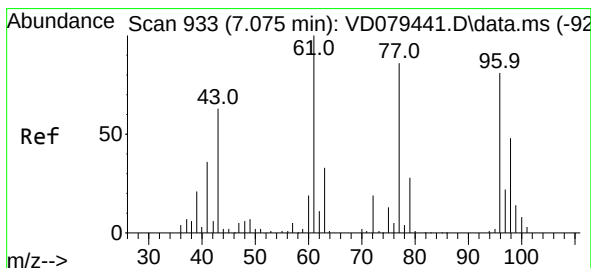
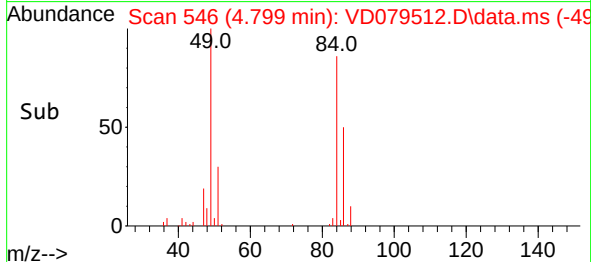
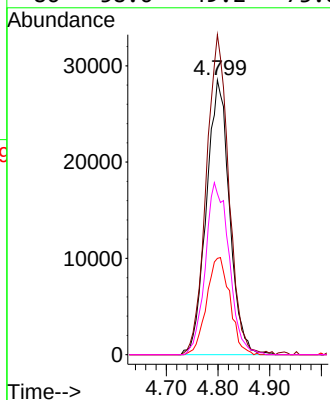
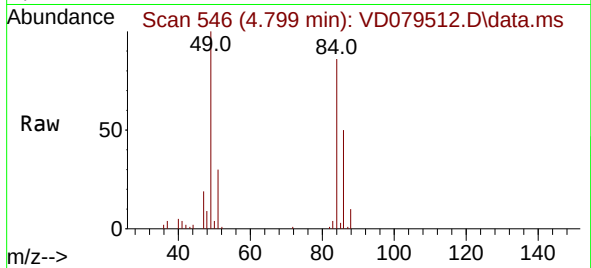




#20
Methylene Chloride
Concen: 23.577 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD079512.D
Acq: 01 Aug 2024 00:25

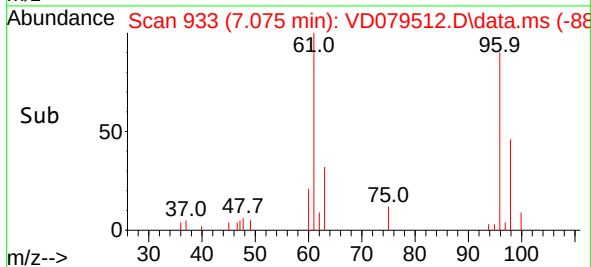
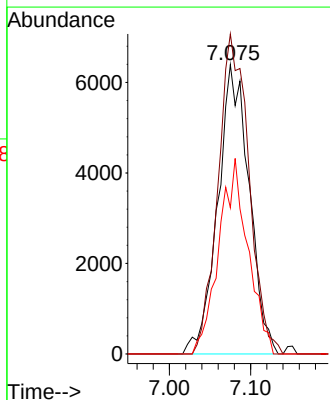
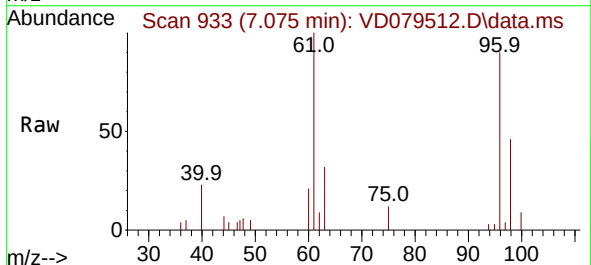
Instrument : MSVOA_D
ClientSampleId : S-862-K2-SO-12.75-13.25-072024

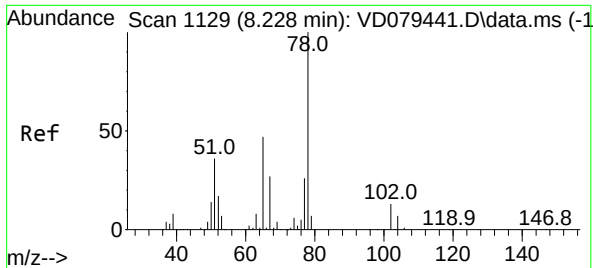
Tgt Ion:	84	Resp:	88501
Ion	Ratio	Lower	Upper
84	100		
49	116.5	75.6	113.4#
51	35.1	24.2	36.2
86	58.6	49.2	73.8



#27
cis-1,2-Dichloroethene
Concen: 6.286 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.000 min
Lab File: VD079512.D
Acq: 01 Aug 2024 00:25

Tgt Ion:	96	Resp:	17164
Ion	Ratio	Lower	Upper
96	100		
61	108.8	0.0	229.0
98	62.7	0.0	127.2





#33

1,2-Dichloroethane-d4

Concen: 62.957 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD079512.D

Acq: 01 Aug 2024 00:25

Instrument :

MSVOA_D

ClientSampleId :

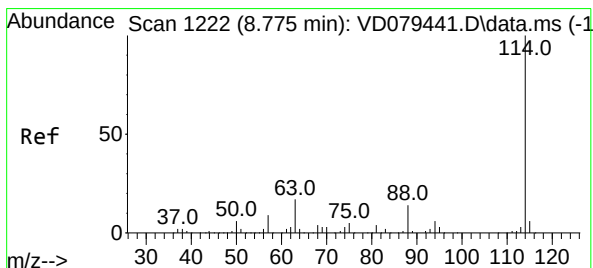
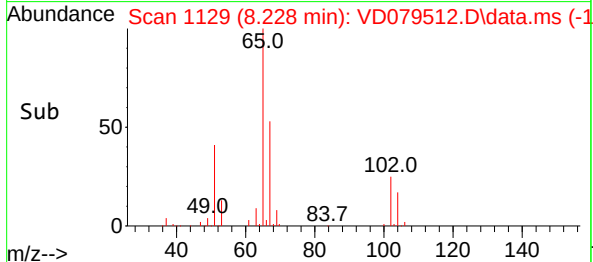
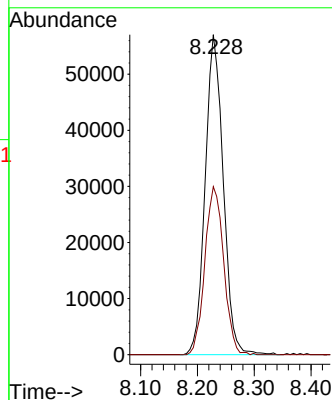
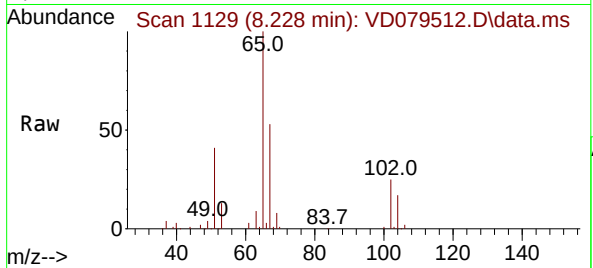
S-862-K2-SO-12.75-13.25-072024

Tgt Ion: 65 Resp: 125867

Ion Ratio Lower Upper

65 100

67 54.7 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: VD079512.D

Acq: 01 Aug 2024 00:25

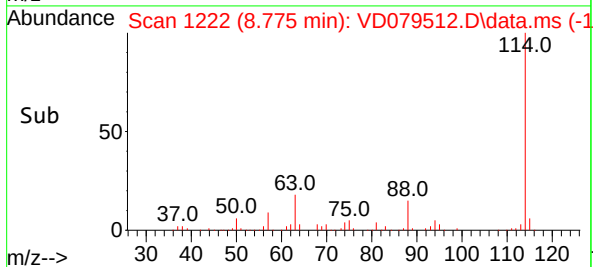
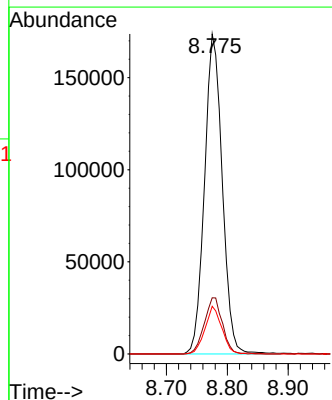
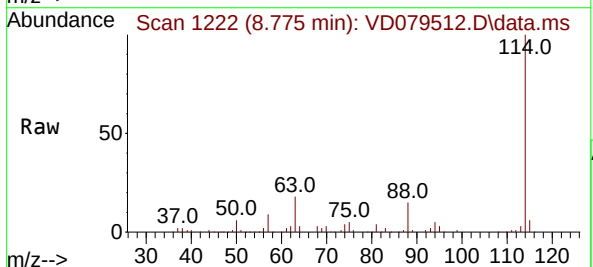
Tgt Ion: 114 Resp: 350978

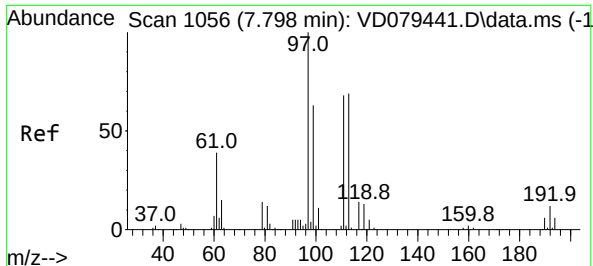
Ion Ratio Lower Upper

114 100

63 17.5 0.0 34.0

88 14.9 0.0 27.2





#35

Dibromofluoromethane

Concen: 58.275 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD079512.D

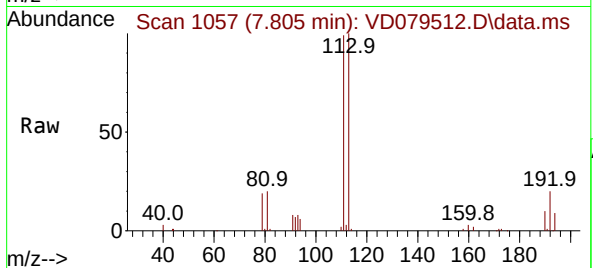
Acq: 01 Aug 2024 00:25

Instrument :

MSVOA_D

ClientSampleId :

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



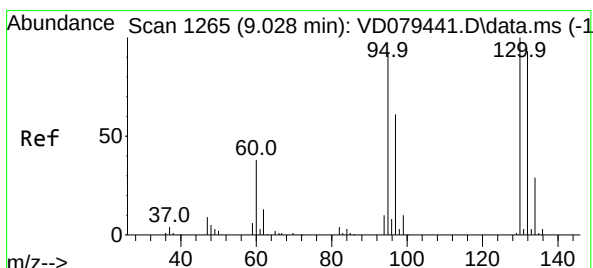
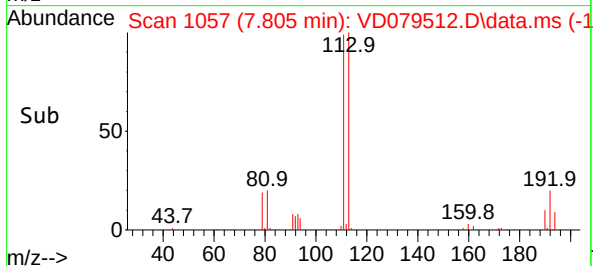
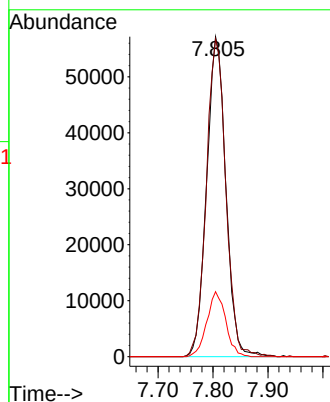
Tgt Ion:113 Resp: 138436

Ion Ratio Lower Upper

113 100

111 101.0 84.0 126.0

192 20.0 15.4 23.0



#44

Trichloroethene

Concen: 16.644 ug/l

RT: 9.028 min Scan# 1265

Delta R.T. -0.000 min

Lab File: VD079512.D

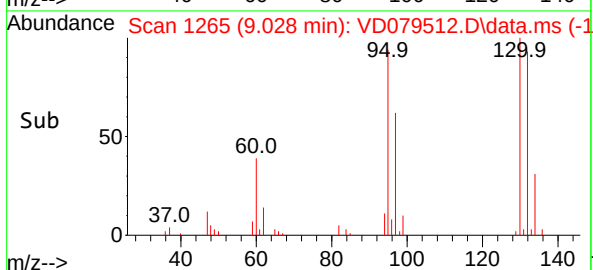
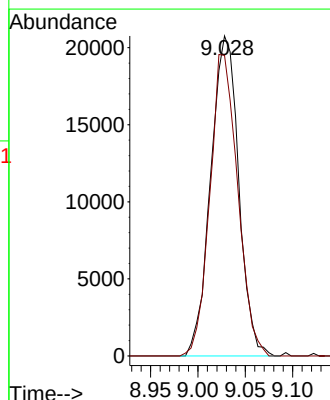
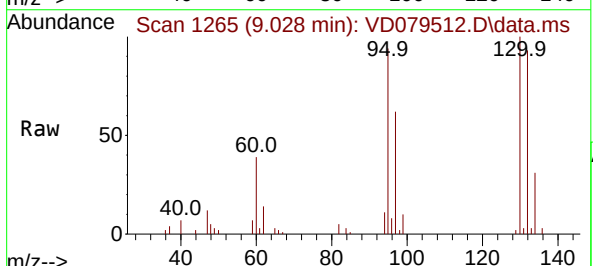
Acq: 01 Aug 2024 00:25

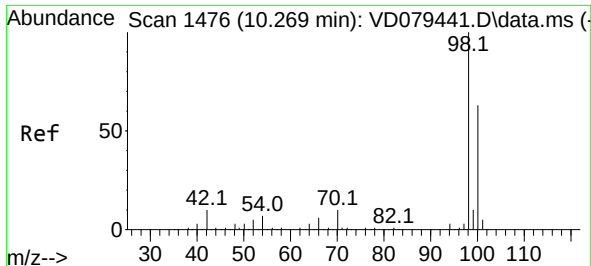
Tgt Ion:130 Resp: 42668

Ion Ratio Lower Upper

130 100

95 93.9 0.0 177.8

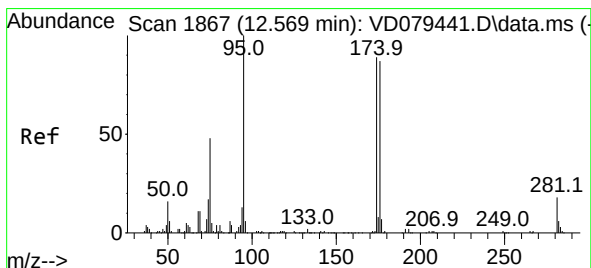
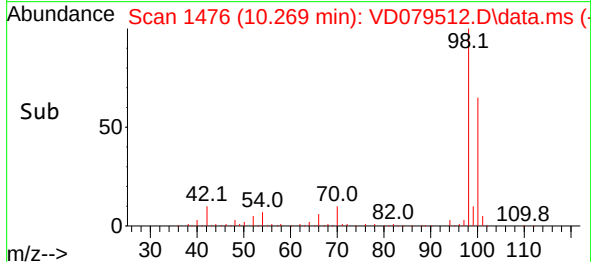
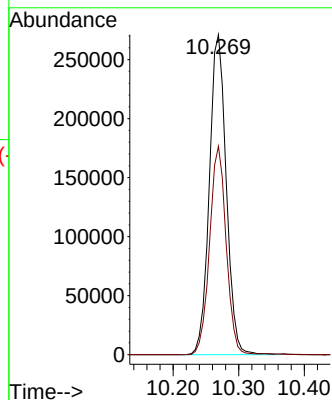
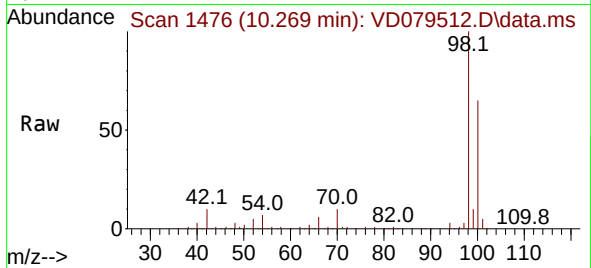




#50
Toluene-d8
Concen: 52.697 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VD079512.D
Acq: 01 Aug 2024 00:25

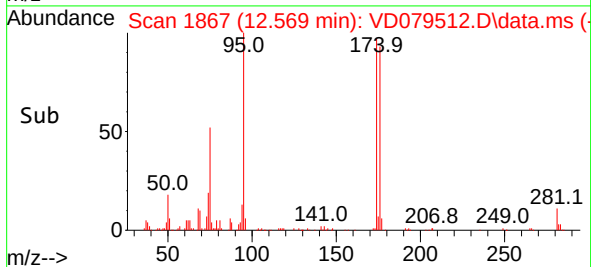
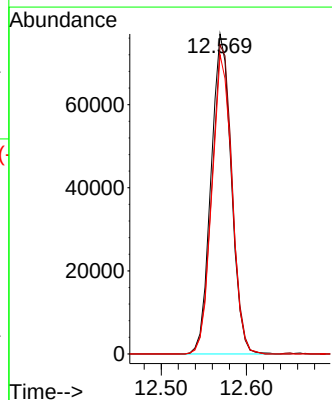
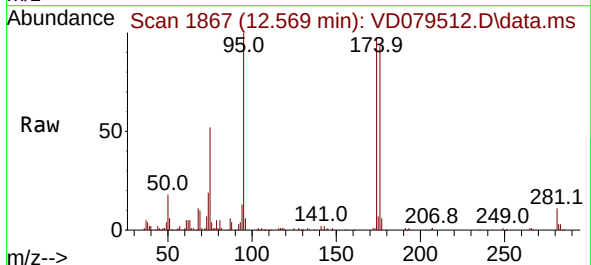
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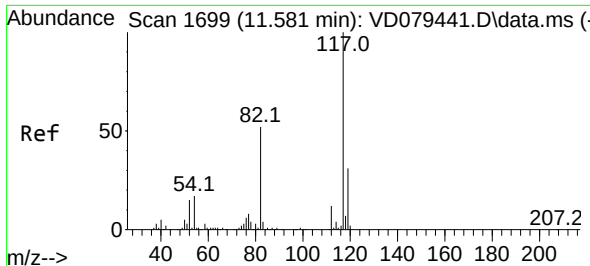
Tgt Ion: 98 Resp: 486139
Ion Ratio Lower Upper
98 100
100 63.8 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 47.528 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079512.D
Acq: 01 Aug 2024 00:25

Tgt Ion: 95 Resp: 126881
Ion Ratio Lower Upper
95 100
174 96.8 0.0 195.4
176 92.4 0.0 192.6

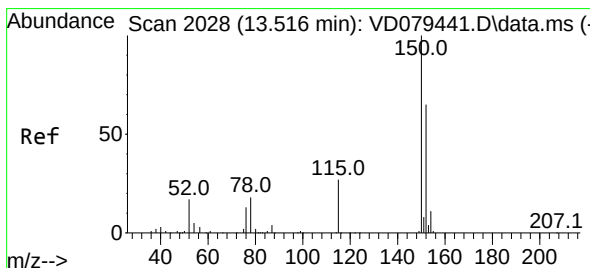
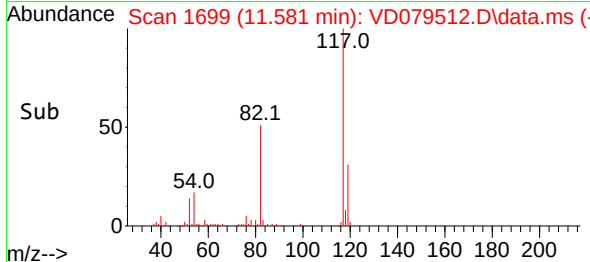
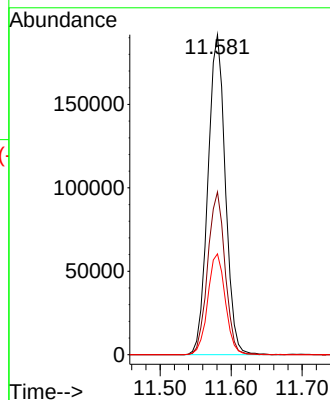
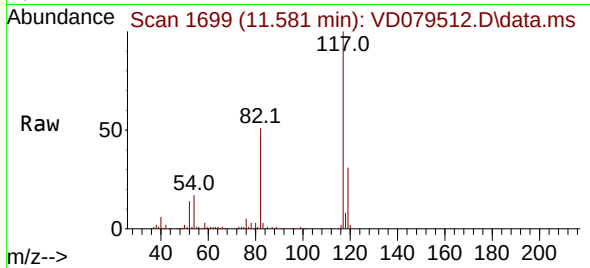




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD079512.D
Acq: 01 Aug 2024 00:25

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

Tgt Ion:117 Resp: 326720
Ion Ratio Lower Upper
117 100
82 50.9 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# 2028
Delta R.T. 0.006 min
Lab File: VD079512.D
Acq: 01 Aug 2024 00:25

Tgt Ion:152 Resp: 140186
Ion Ratio Lower Upper
152 100
115 53.8 26.5 79.5
150 157.2 0.0 341.6

