

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080524\
 Data File : VD079607.D
 Acq On : 06 Aug 2024 05:06
 Operator : RP/MD
 Sample : P3374-04RE
 Misc : 8.54G/5.0ml/MSVOA_D/SOIL/B
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S-861-K2-SO-12-12.5-072024RE

Quant Time: Aug 06 08:09:20 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)

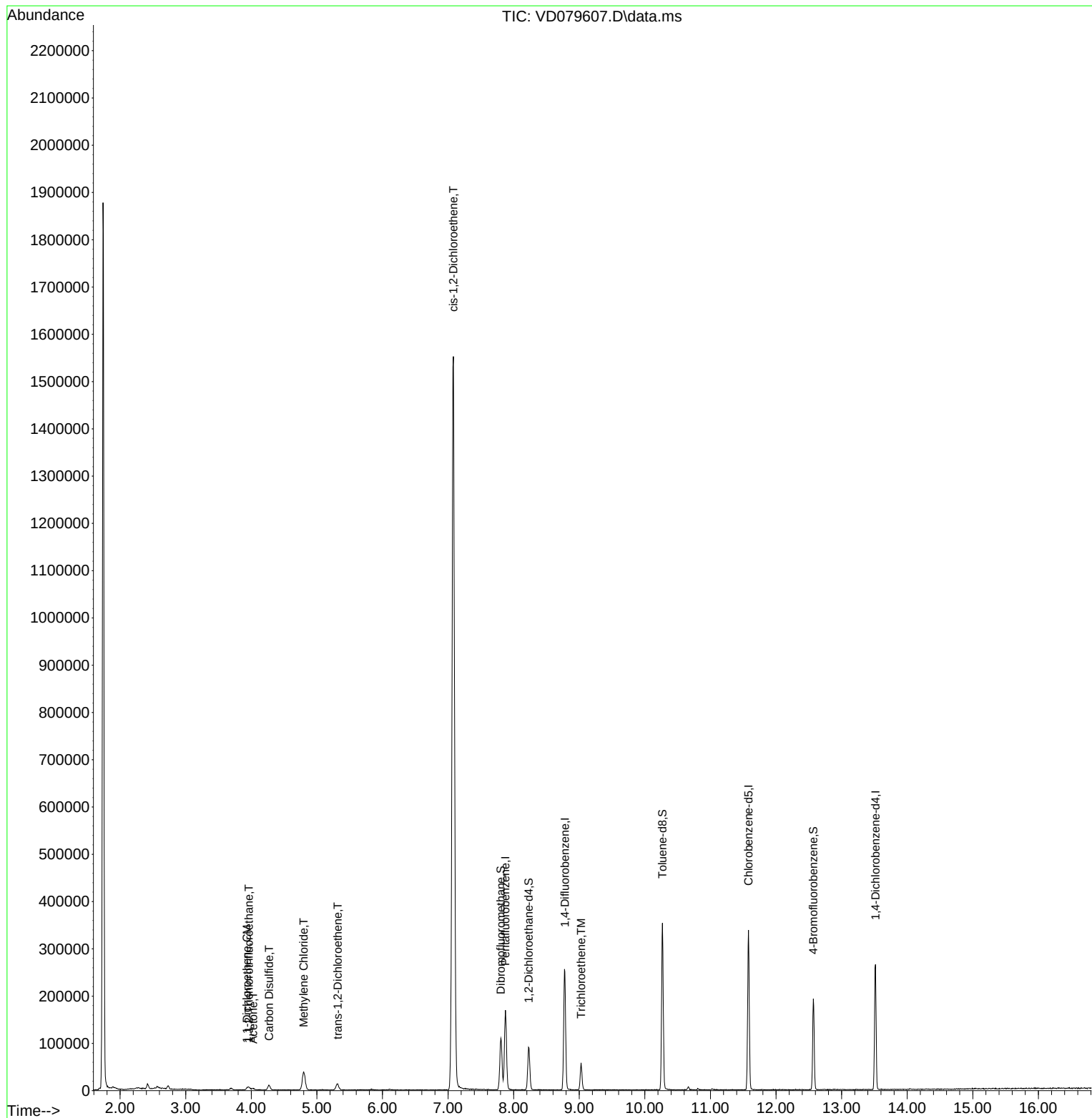
Internal Standards						
1) Pentafluorobenzene	7.875	168	129628	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	238144	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	201134	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	77425	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	69019	52.410	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.820%	
35) Dibromofluoromethane	7.804	113	81962	50.849	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.700%	
50) Toluene-d8	10.269	98	250363	39.997	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 80.000%	
62) 4-Bromofluorobenzene	12.569	95	56671	31.286	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 62.580%	
Target Compounds						Qvalue
9) 1,1,2-Trichlorotrifluo...	3.964	101	3639	2.600	ug/l #	80
12) 1,1-Dichloroethene	3.934	96	2276	1.625	ug/l #	75
16) Acetone	4.028	43	5304	20.725	ug/l	95
17) Carbon Disulfide	4.269	76	20126	4.353	ug/l #	93
20) Methylene Chloride	4.799	84	32095	1.571	ug/l #	91
21) trans-1,2-Dichloroethene	5.316	96	8881	5.644	ug/l #	85
27) cis-1,2-Dichloroethene	7.081	96	1021343	567.895	ug/l	98
44) Trichloroethene	9.028	130	19524	11.224	ug/l	100

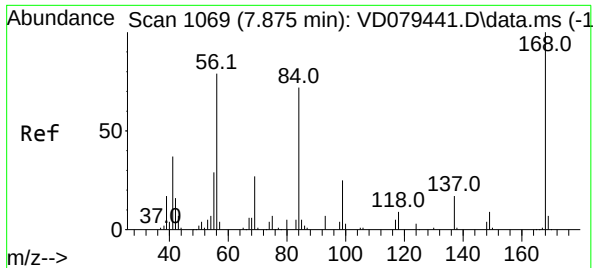
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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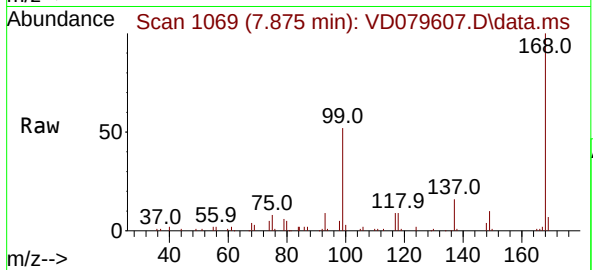
Quant Time: Aug 06 08:09:20 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 30 03:50:47 2024
Response via : Initial Calibration



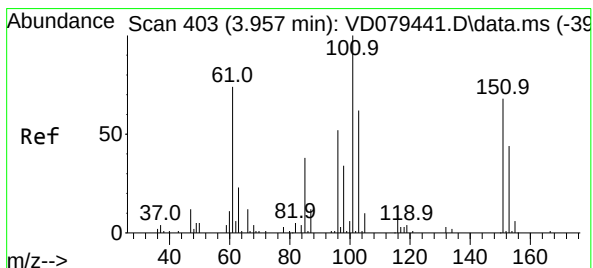
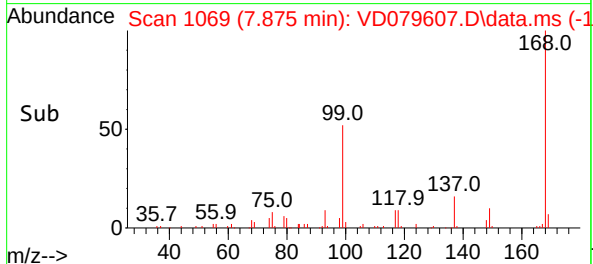
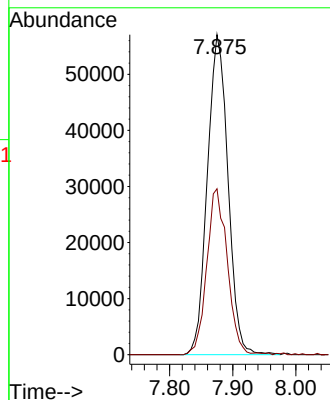


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079607.D
Acq: 06 Aug 2024 05:06

Instrument :
MSVOA_D
ClientSampleId :
S-861-K2-SO-12-12.5-072024RE

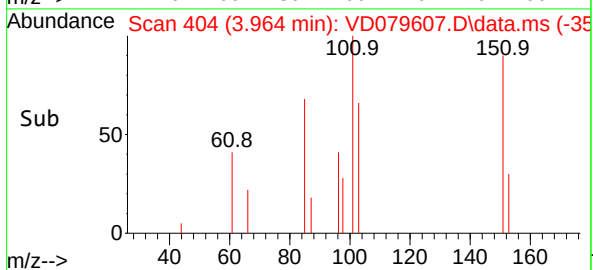
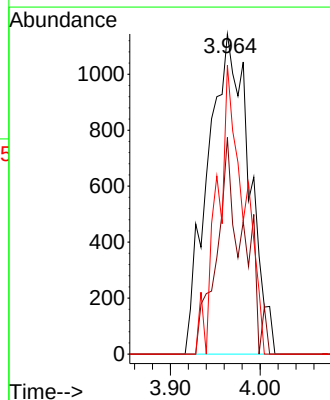
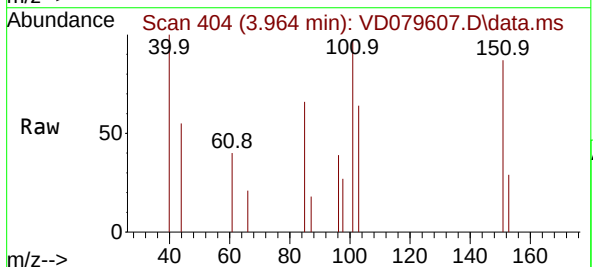


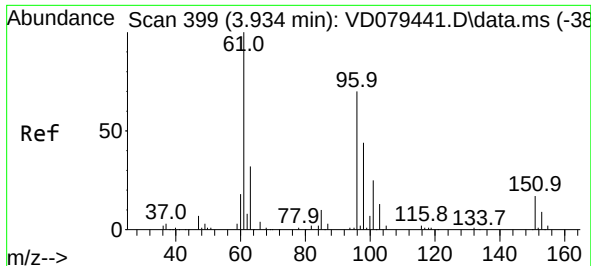
Tgt Ion:168 Resp: 129628
Ion Ratio Lower Upper
168 100
99 51.9 41.1 61.7



#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.600 ug/l
RT: 3.964 min Scan# 404
Delta R.T. -0.000 min
Lab File: VD079607.D
Acq: 06 Aug 2024 05:06

Tgt Ion:101 Resp: 3639
Ion Ratio Lower Upper
101 100
85 29.6 33.5 50.3#
151 58.4 60.3 90.5#





#12

1,1-Dichloroethene

Concen: 1.625 ug/l

RT: 3.934 min Scan# 399

Delta R.T. 0.006 min

Lab File: VD079607.D

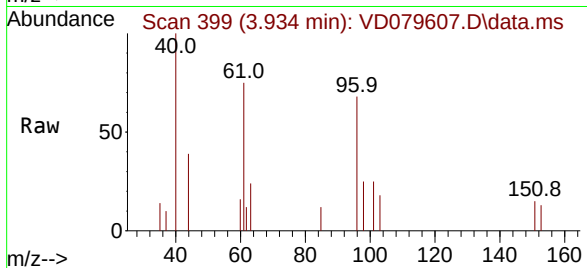
Acq: 06 Aug 2024 05:06

Instrument :

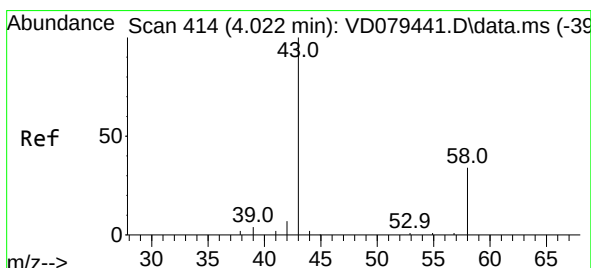
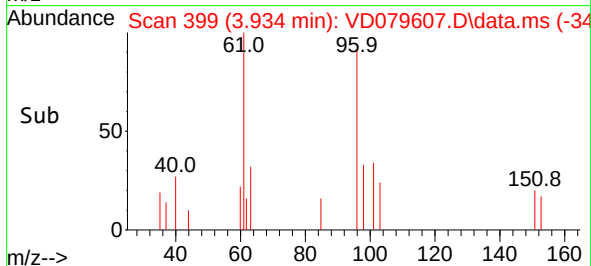
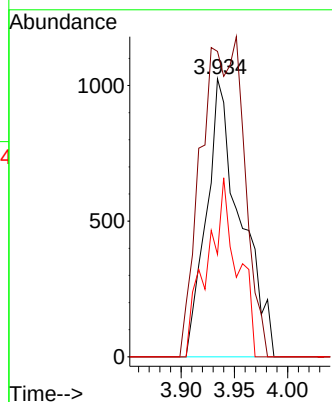
MSVOA_D

ClientSampleId :

S-861-K2-SO-12-12.5-072024RE



Tgt Ion:	96	Resp:	2276
Ion	Ratio	Lower	Upper
96	100		
61	109.9	107.3	160.9
98	36.8	51.7	77.5



#16

Acetone

Concen: 20.725 ug/l

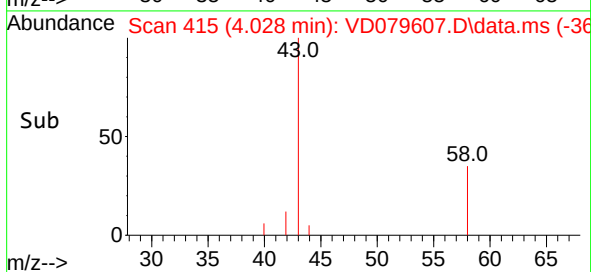
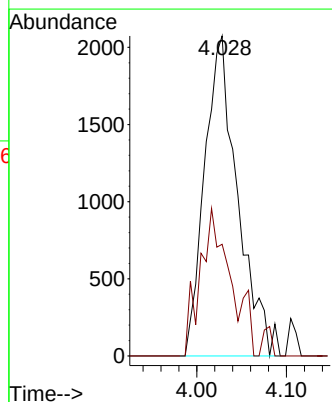
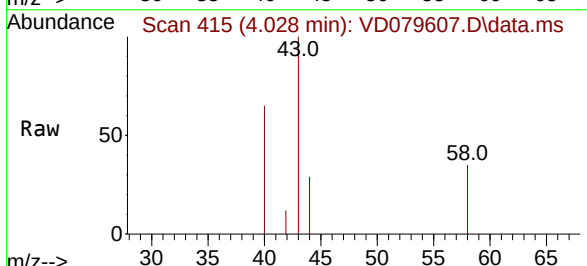
RT: 4.028 min Scan# 415

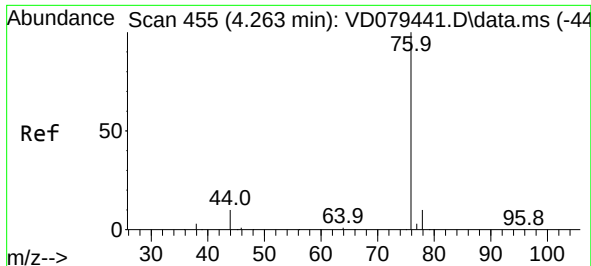
Delta R.T. 0.006 min

Lab File: VD079607.D

Acq: 06 Aug 2024 05:06

Tgt Ion:	43	Resp:	5304
Ion	Ratio	Lower	Upper
43	100		
58	34.9	30.4	45.6

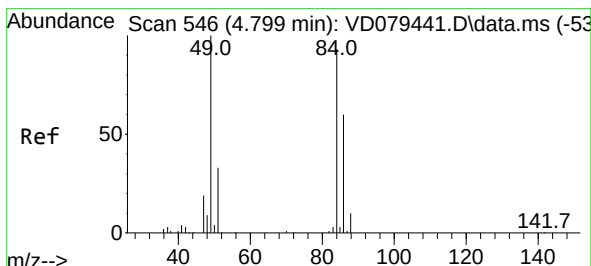
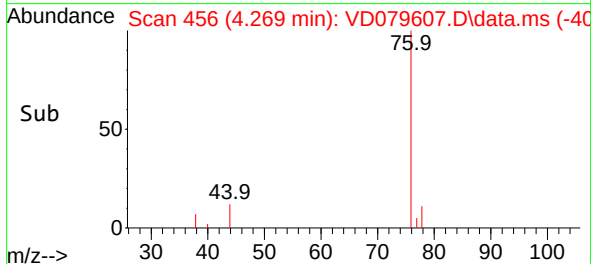
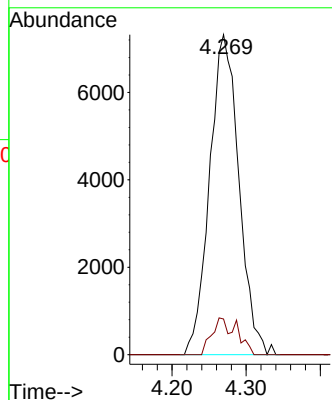
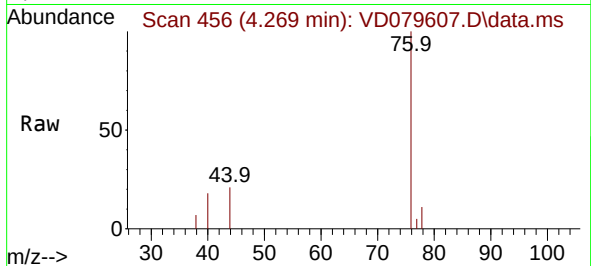




#17
Carbon Disulfide
Concen: 4.353 ug/l
RT: 4.269 min Scan# 455
Delta R.T. 0.006 min
Lab File: VD079607.D
Acq: 06 Aug 2024 05:06

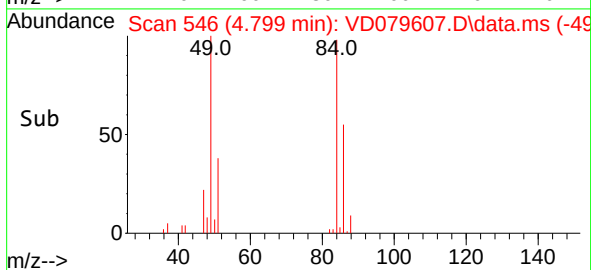
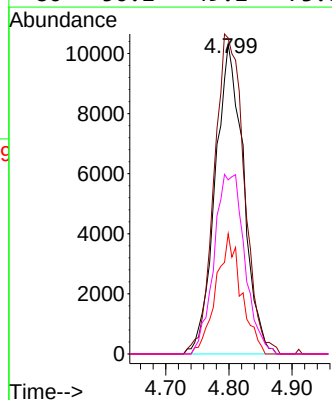
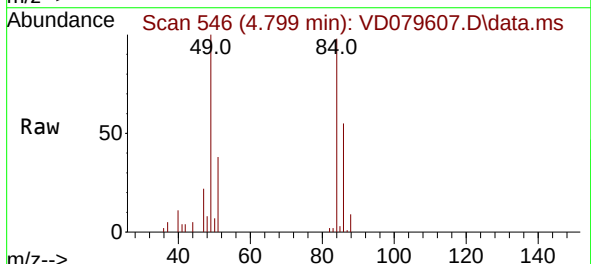
Instrument :
MSVOA_D
ClientSampleId :
S-861-K2-SO-12-12.5-072024RE

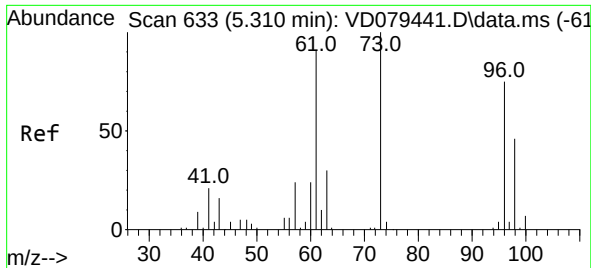
Tgt Ion: 76 Resp: 20126
Ion Ratio Lower Upper
76 100
78 11.1 6.9 10.3#



#20
Methylene Chloride
Concen: 1.571 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD079607.D
Acq: 06 Aug 2024 05:06

Tgt Ion: 84 Resp: 32095
Ion Ratio Lower Upper
84 100
49 102.0 75.6 113.4
51 38.8 24.2 36.2#
86 56.2 49.2 73.8

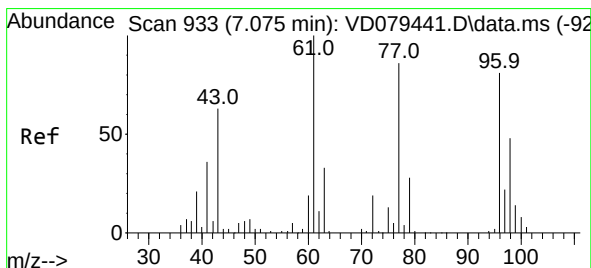
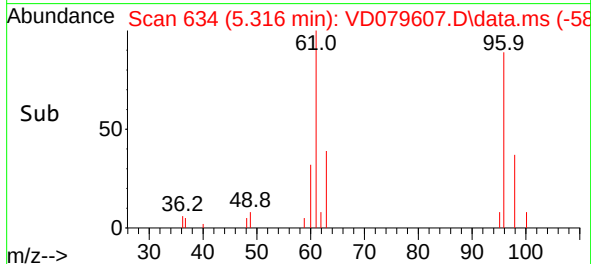
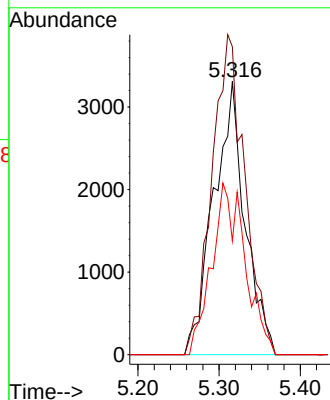
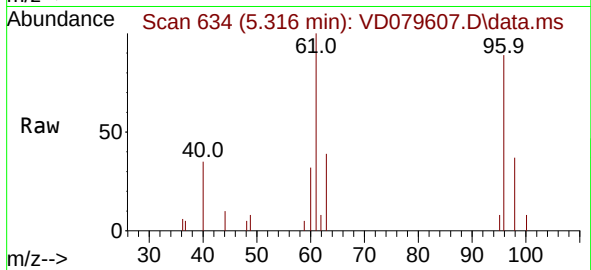




#21
trans-1,2-Dichloroethene
Concen: 5.644 ug/l
RT: 5.316 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD079607.D
Acq: 06 Aug 2024 05:06

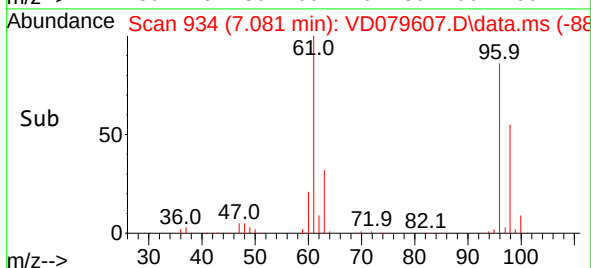
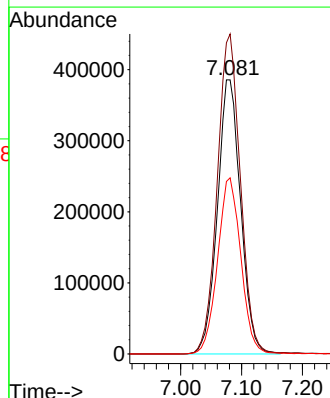
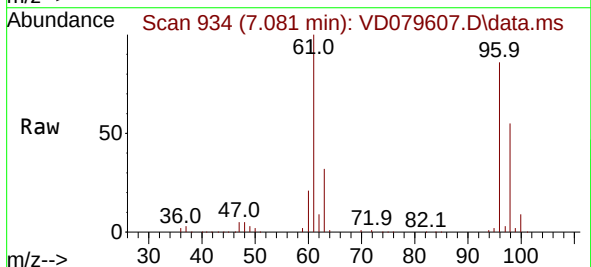
Instrument :
MSVOA_D
ClientSampleId :
S-861-K2-SO-12-12.5-072024RE

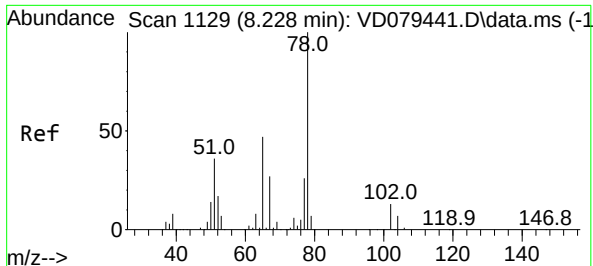
Tgt Ion: 96 Resp: 8881
Ion Ratio Lower Upper
96 100
61 112.7 84.5 126.7
98 41.6 50.5 75.7#



#27
cis-1,2-Dichloroethene
Concen: 567.895 ug/l
RT: 7.081 min Scan# 934
Delta R.T. 0.006 min
Lab File: VD079607.D
Acq: 06 Aug 2024 05:06

Tgt Ion: 96 Resp: 1021343
Ion Ratio Lower Upper
96 100
61 116.5 0.0 229.0
98 64.4 0.0 127.2

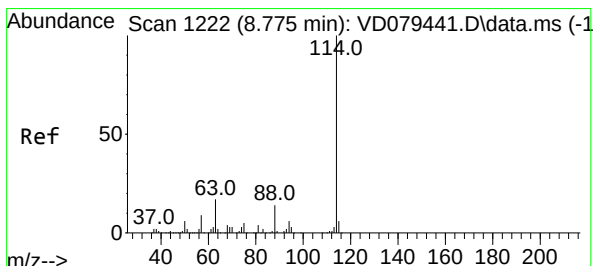
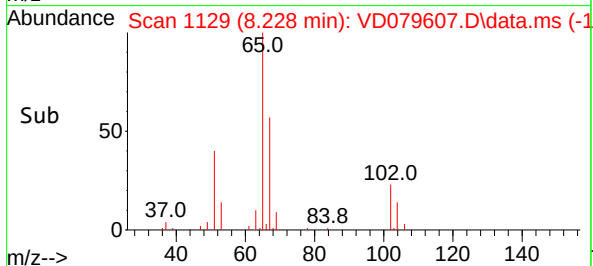
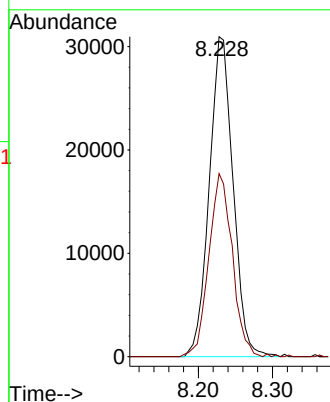
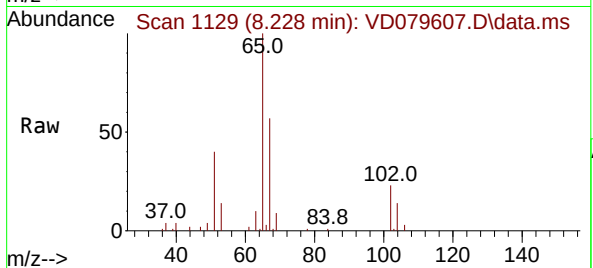




#33
 1,2-Dichloroethane-d4
 Concen: 52.410 ug/l
 RT: 8.228 min Scan# 1129
 Delta R.T. -0.000 min
 Lab File: VD079607.D
 Acq: 06 Aug 2024 05:06

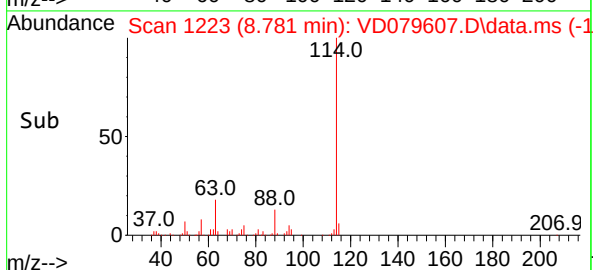
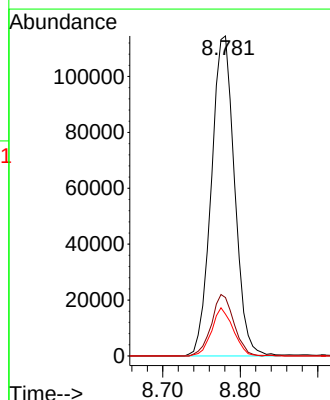
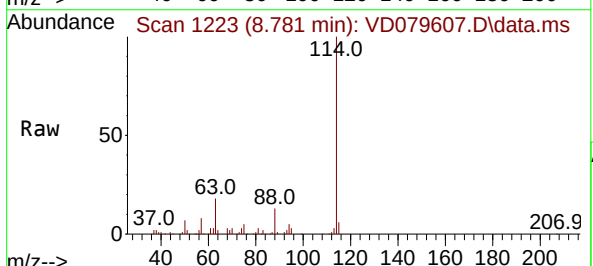
Instrument :
 MSVOA_D
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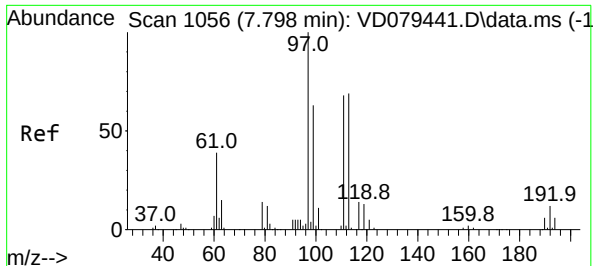
Tgt Ion: 65 Resp: 69019
 Ion Ratio Lower Upper
 65 100
 67 56.4 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.781 min Scan# 1223
 Delta R.T. 0.006 min
 Lab File: VD079607.D
 Acq: 06 Aug 2024 05:06

Tgt Ion: 114 Resp: 238144
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 34.0
 88 13.1 0.0 27.2





#35

Dibromofluoromethane

Concen: 50.849 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD079607.D

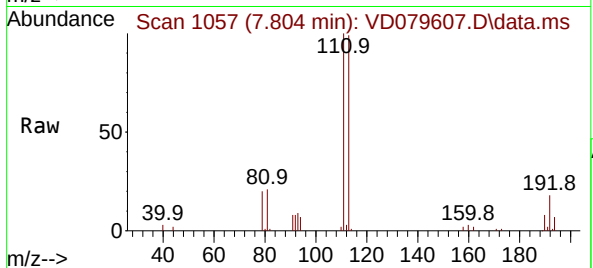
Acq: 06 Aug 2024 05:06

Instrument :

MSVOA_D

ClientSampleId :

S-861-K2-SO-12-12.5-072024RE



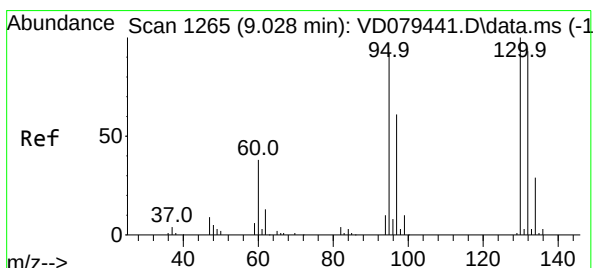
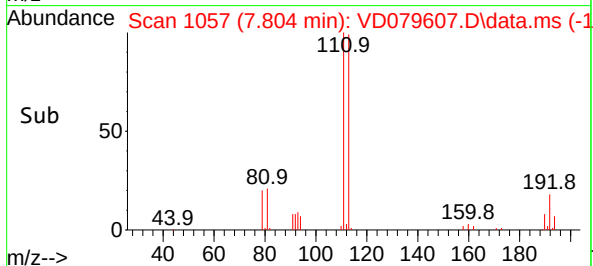
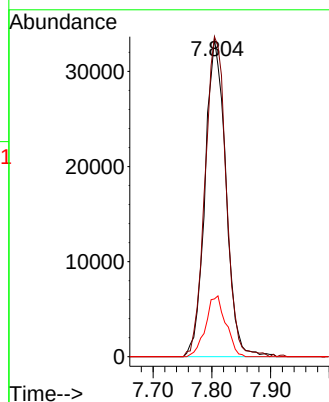
Tgt Ion:113 Resp: 81962

Ion Ratio Lower Upper

113 100

111 102.3 84.0 126.0

192 18.6 15.4 23.0



#44

Trichloroethene

Concen: 11.224 ug/l

RT: 9.028 min Scan# 1265

Delta R.T. -0.000 min

Lab File: VD079607.D

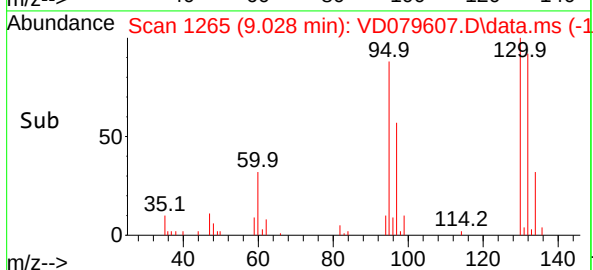
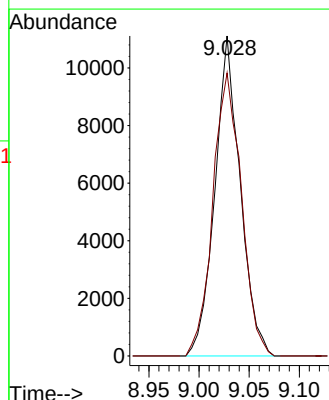
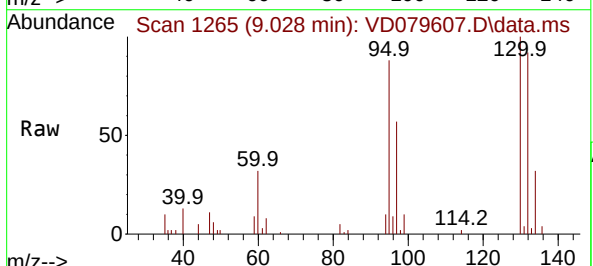
Acq: 06 Aug 2024 05:06

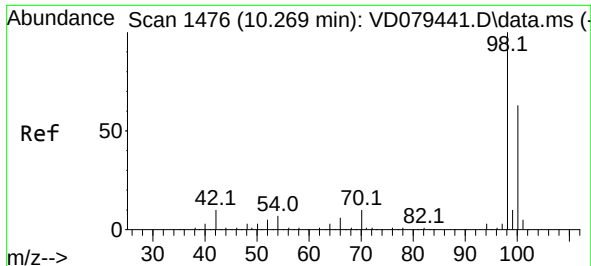
Tgt Ion:130 Resp: 19524

Ion Ratio Lower Upper

130 100

95 88.4 0.0 177.8

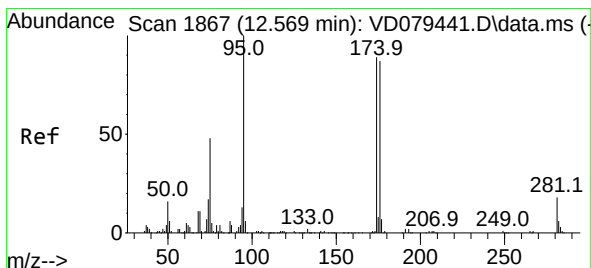
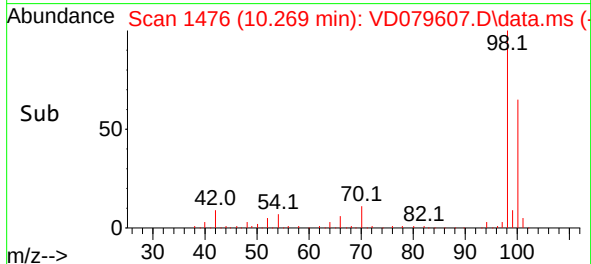
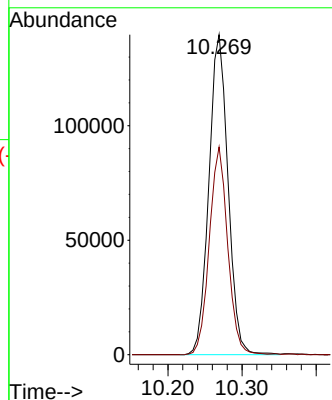
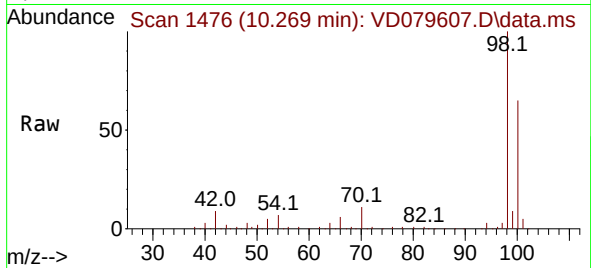




#50
Toluene-d8
Concen: 39.997 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VD079607.D
Acq: 06 Aug 2024 05:06

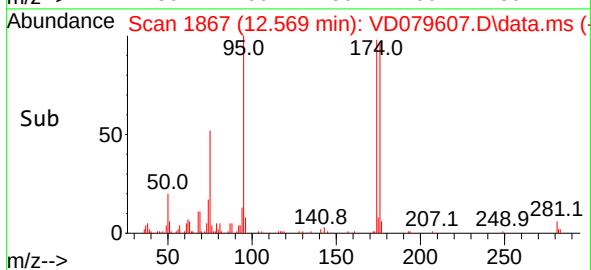
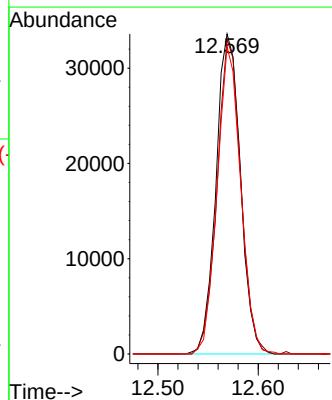
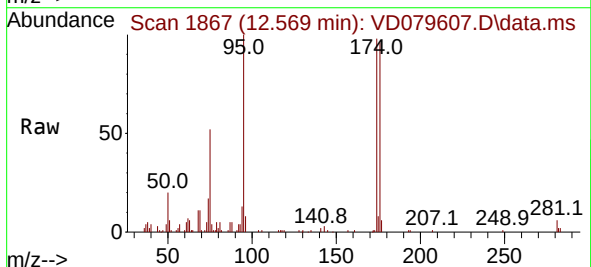
Instrument :
MSVOA_D
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S-861-K2-SO-12-12.5-072024RE

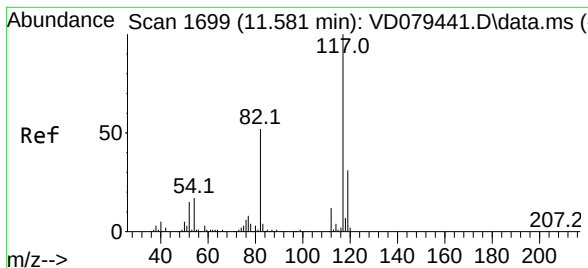
Tgt Ion: 98 Resp: 250363
Ion Ratio Lower Upper
98 100
100 62.6 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 31.286 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079607.D
Acq: 06 Aug 2024 05:06

Tgt Ion: 95 Resp: 56671
Ion Ratio Lower Upper
95 100
174 95.5 0.0 195.4
176 92.8 0.0 192.6

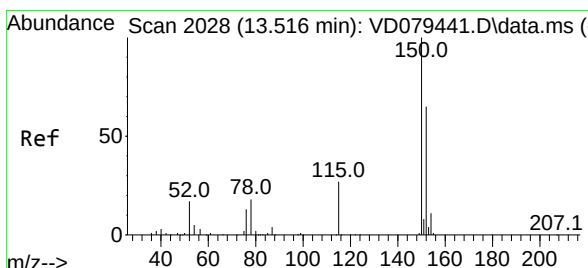
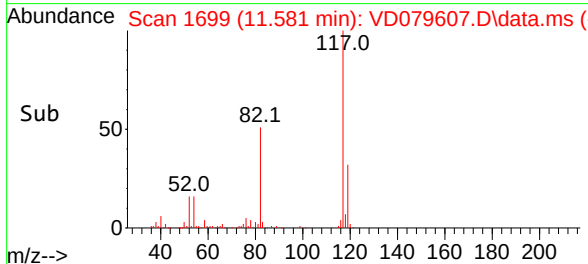
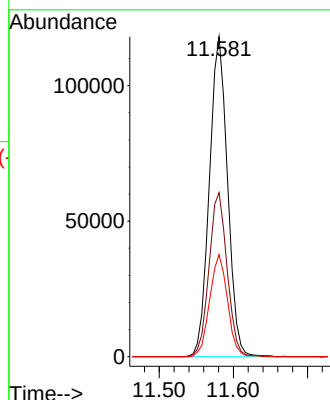
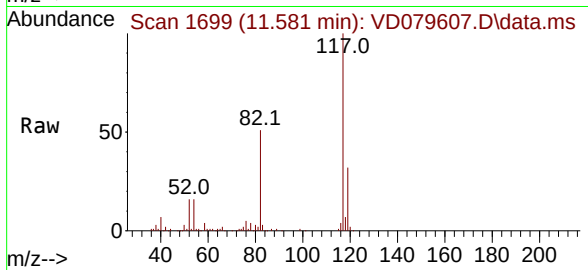




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD079607.D
Acq: 06 Aug 2024 05:06

Instrument :
MSVOA_D
ClientSampleId :
S-861-K2-SO-12-12.5-072024RE

Tgt Ion:117 Resp: 201134
Ion Ratio Lower Upper
117 100
82 51.3 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: VD079607.D
Acq: 06 Aug 2024 05:06

Tgt Ion:152 Resp: 77425
Ion Ratio Lower Upper
152 100
115 52.1 26.5 79.5
150 157.1 0.0 341.6

