

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD073124\
 Data File : VD079514.D
 Acq On : 01 Aug 2024 01:20
 Operator : RP/MD
 Sample : P3374-12
 Misc : 7.68G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S-861-K2-SO-13.5-14-072024-FD

Quant Time: Aug 01 02:55:58 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)

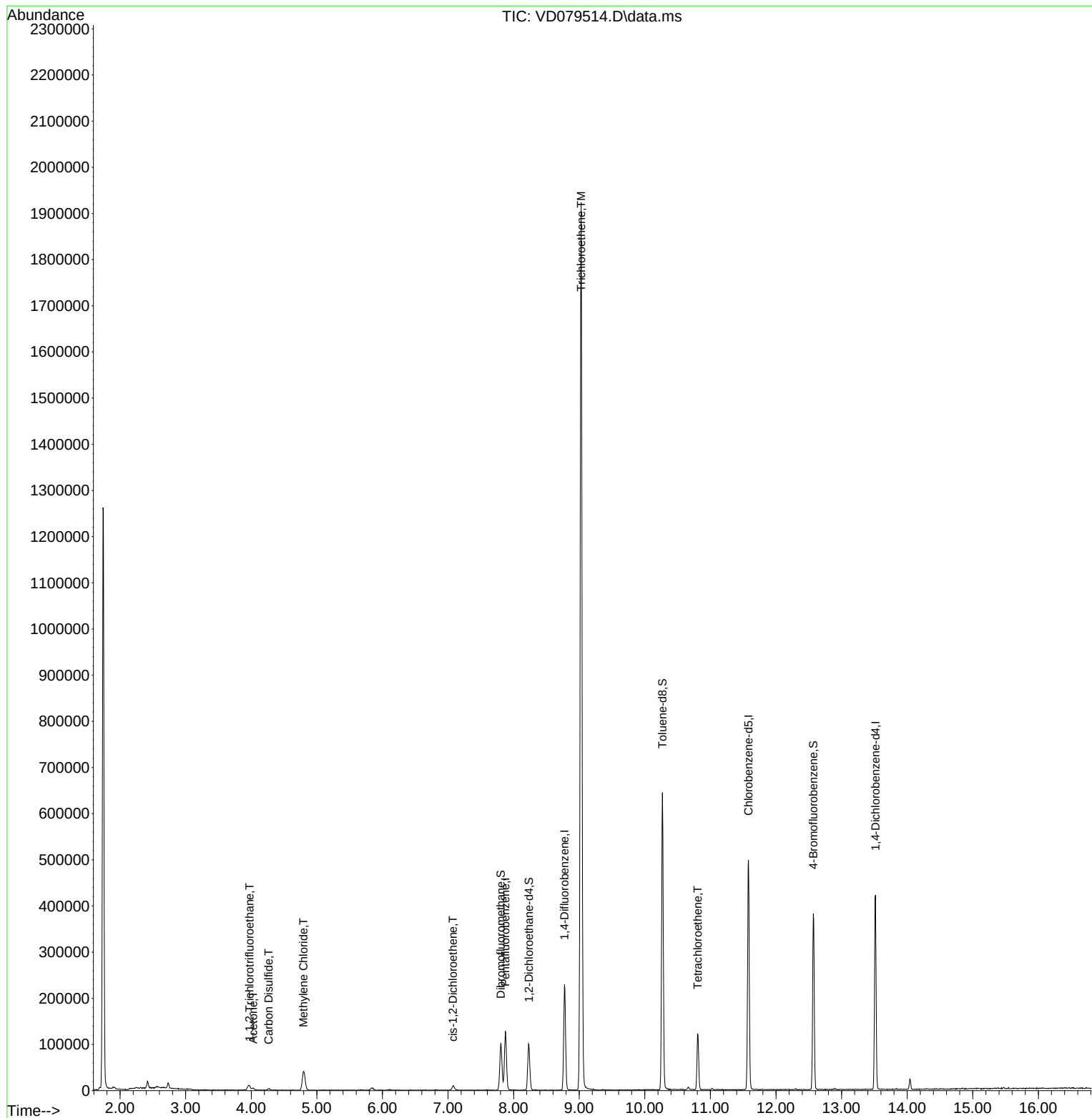
Internal Standards						
1) Pentafluorobenzene	7.875	168	86494	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	196279	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	311286	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	121242	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	75168	85.545	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 171.080%#	
35) Dibromofluoromethane	7.805	113	70092	52.760	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.520%	
50) Toluene-d8	10.269	98	456101	88.407	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 176.820%#	
62) 4-Bromofluorobenzene	12.569	95	112305	75.224	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 150.440%#	
Target Compounds						
						Qvalue
9) 1,1,2-Trichlorotrifluo...	3.975	101	6732	7.209	ug/l	95
16) Acetone	4.028	43	7671	44.921	ug/l	94
17) Carbon Disulfide	4.264	76	6942	2.250	ug/l	99
20) Methylene Chloride	4.793	84	32056	15.312	ug/l	93
27) cis-1,2-Dichloroethene	7.075	96	5568	4.640	ug/l	98
44) Trichloroethene	9.028	130	672702	469.215	ug/l	87
64) Tetrachloroethene	10.804	164	29975	14.281	ug/l	91

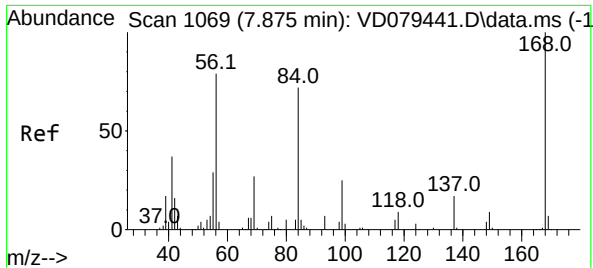
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD073124\
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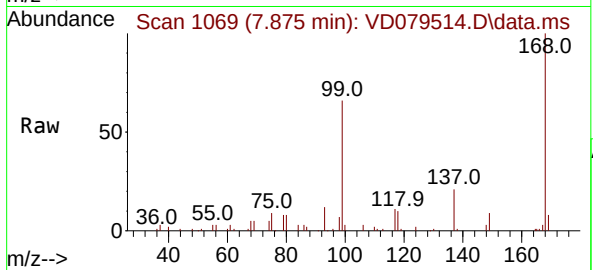
Quant Time: Aug 01 02:55:58 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 30 03:50:47 2024
Response via : Initial Calibration



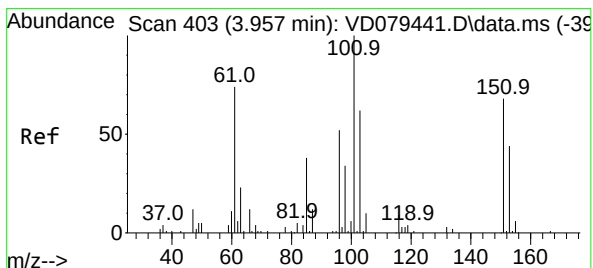
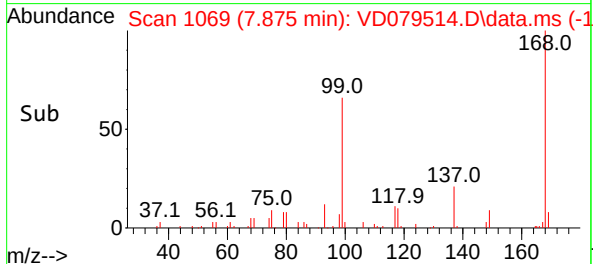
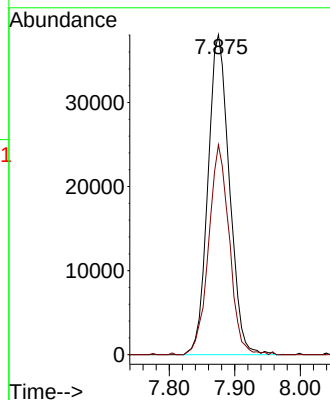


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079514.D
Acq: 01 Aug 2024 01:20

Instrument :
MSVOA_D
ClientSampleId :
S-861-K2-SO-13.5-14-072024-FD

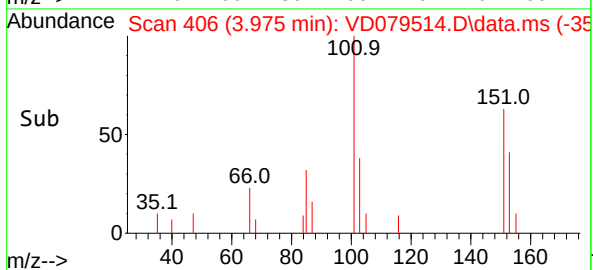
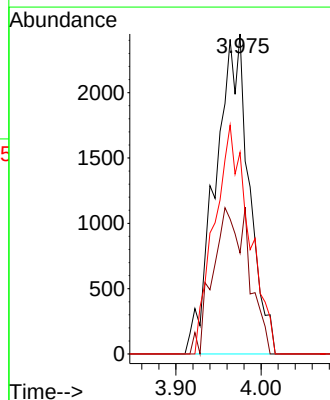
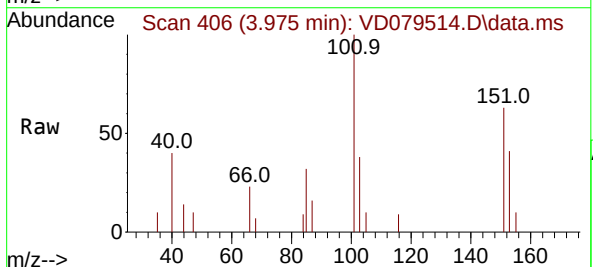


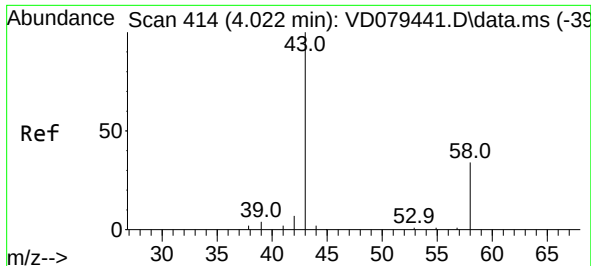
Tgt Ion:168 Resp: 86494
Ion Ratio Lower Upper
168 100
99 65.6 41.1 61.7#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 7.209 ug/l
RT: 3.975 min Scan# 406
Delta R.T. 0.012 min
Lab File: VD079514.D
Acq: 01 Aug 2024 01:20

Tgt Ion:101 Resp: 6732
Ion Ratio Lower Upper
101 100
85 48.4 33.5 50.3
151 73.7 60.3 90.5

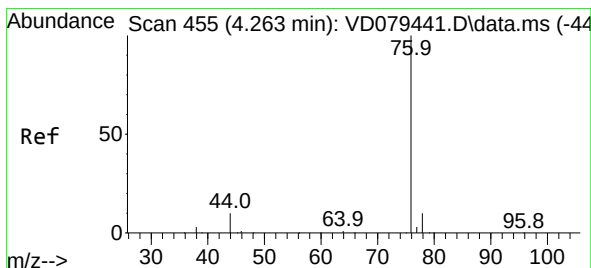
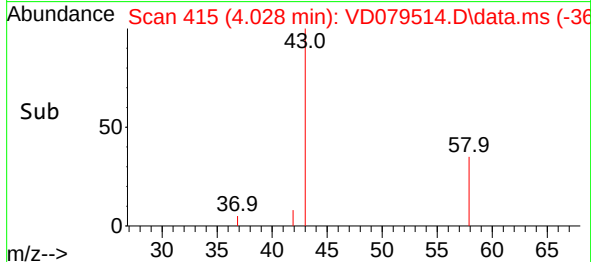
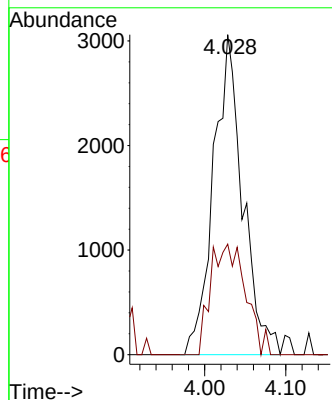
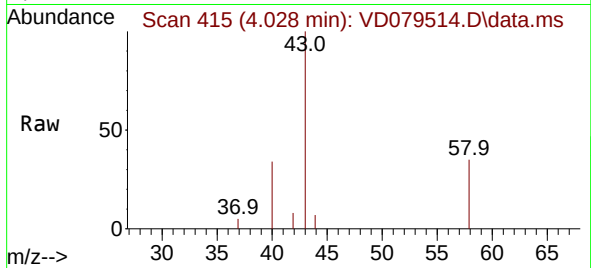




#16
Acetone
Concen: 44.921 ug/l
RT: 4.028 min Scan# 414
Delta R.T. 0.006 min
Lab File: VD079514.D
Acq: 01 Aug 2024 01:20

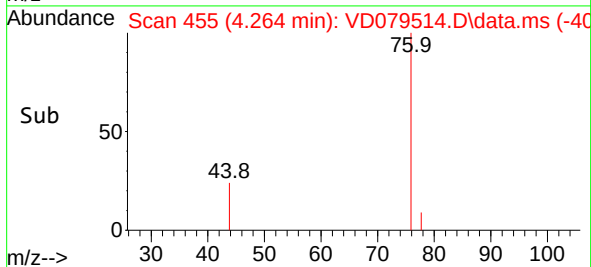
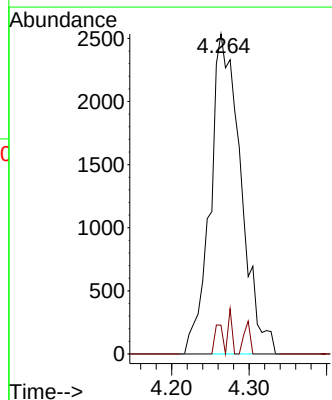
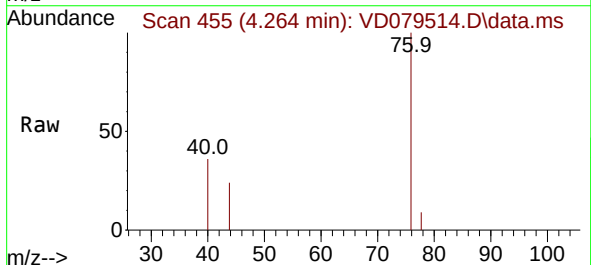
Instrument :
MSVOA_D
ClientSampleId :
S-861-K2-SO-13.5-14-072024-FD

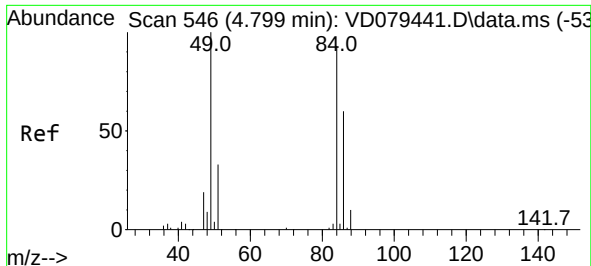
Tgt Ion: 43 Resp: 7671
Ion Ratio Lower Upper
43 100
58 34.5 30.4 45.6



#17
Carbon Disulfide
Concen: 2.250 ug/l
RT: 4.264 min Scan# 455
Delta R.T. -0.000 min
Lab File: VD079514.D
Acq: 01 Aug 2024 01:20

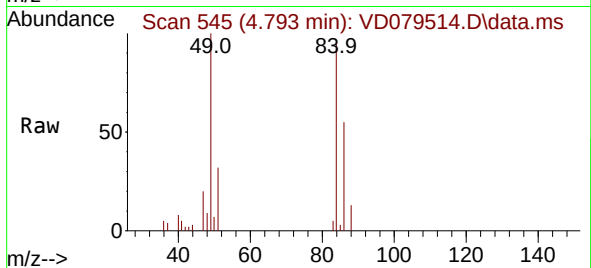
Tgt Ion: 76 Resp: 6942
Ion Ratio Lower Upper
76 100
78 9.0 6.9 10.3



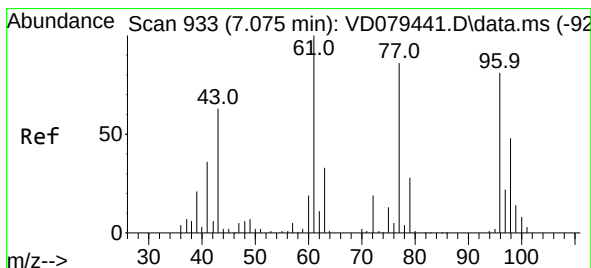
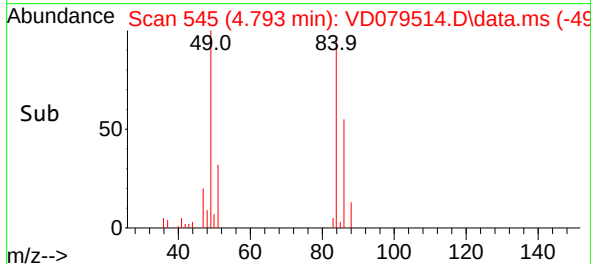
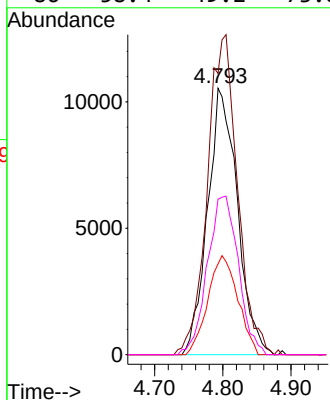


#20
Methylene Chloride
Concen: 15.312 ug/l
RT: 4.793 min Scan# 546
Delta R.T. -0.006 min
Lab File: VD079514.D
Acq: 01 Aug 2024 01:20

Instrument :
MSVOA_D
ClientSampleId :
S-861-K2-SO-13.5-14-072024-FD

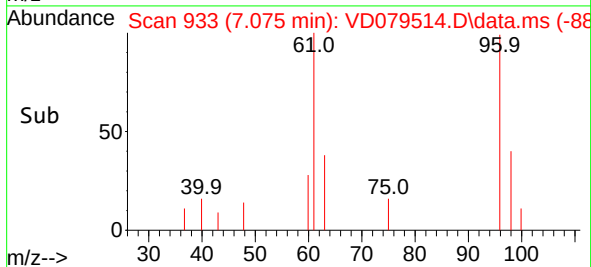
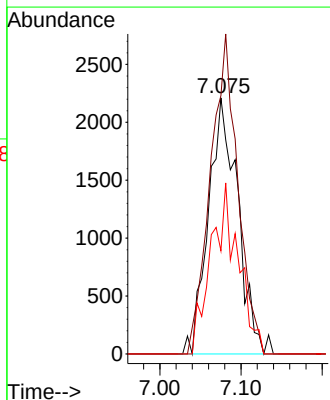
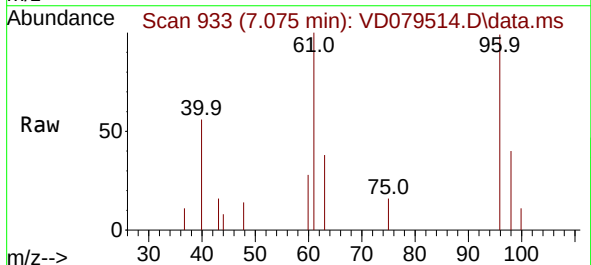


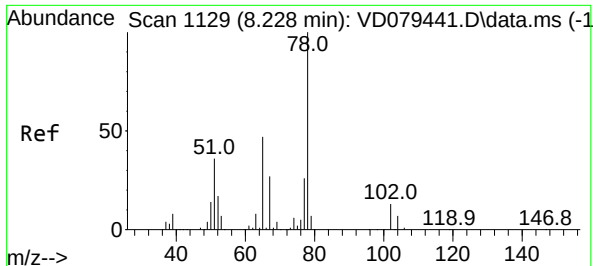
Tgt Ion:	84	Resp:	32056
Ion	Ratio	Lower	Upper
84	100		
49	103.8	75.6	113.4
51	34.0	24.2	36.2
86	58.4	49.2	73.8



#27
cis-1,2-Dichloroethene
Concen: 4.640 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.000 min
Lab File: VD079514.D
Acq: 01 Aug 2024 01:20

Tgt Ion:	96	Resp:	5568
Ion	Ratio	Lower	Upper
96	100		
61	116.5	0.0	229.0
98	61.9	0.0	127.2





#33

1,2-Dichloroethane-d4

Concen: 85.545 ug/l

RT: 8.234 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VD079514.D

Acq: 01 Aug 2024 01:20

Instrument :

MSVOA_D

ClientSampleId :

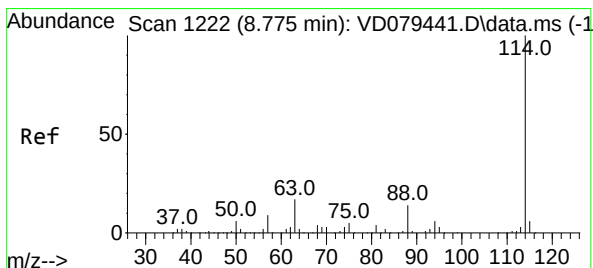
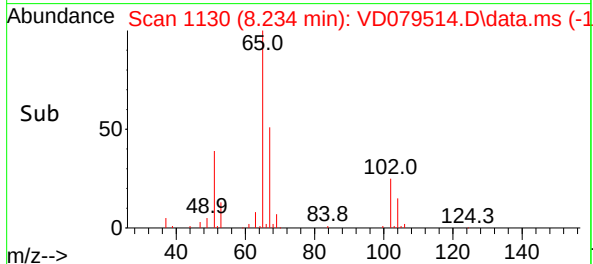
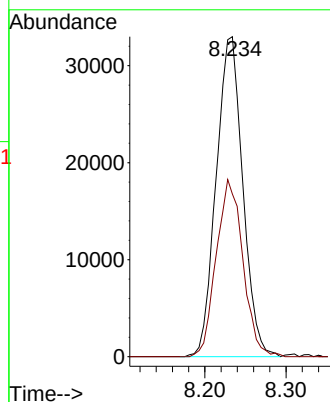
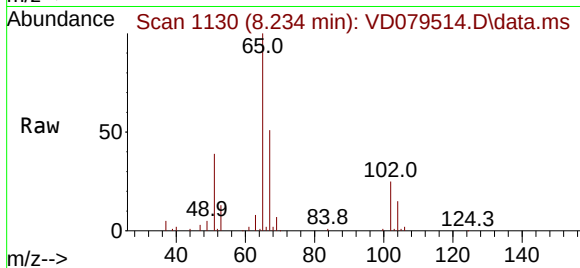
S-861-K2-SO-13.5-14-072024-FD

Tgt Ion: 65 Resp: 75168

Ion Ratio Lower Upper

65 100

67 55.5 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: VD079514.D

Acq: 01 Aug 2024 01:20

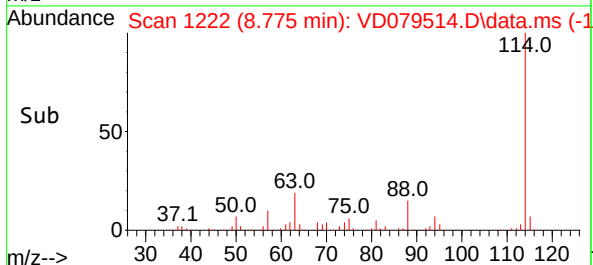
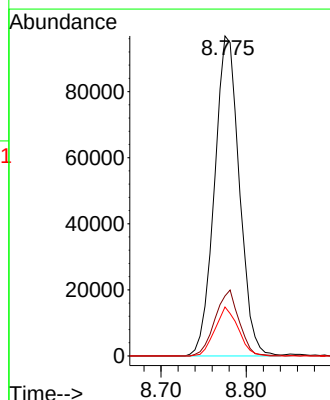
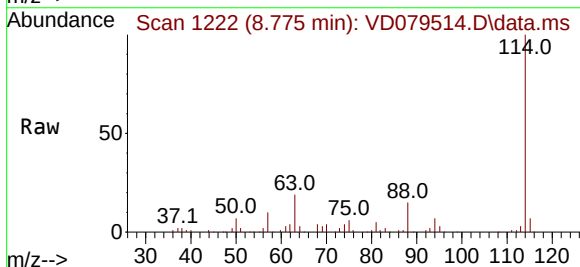
Tgt Ion: 114 Resp: 196279

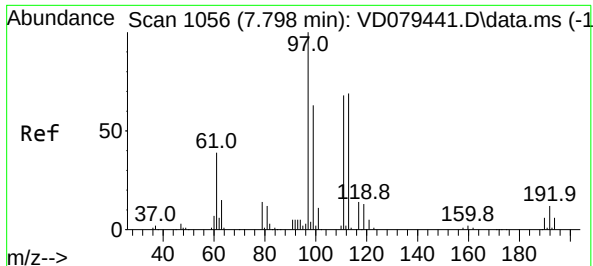
Ion Ratio Lower Upper

114 100

63 18.8 0.0 34.0

88 15.3 0.0 27.2





#35

Dibromofluoromethane

Concen: 52.760 ug/l

RT: 7.805 min Scan# 110

Delta R.T. -0.000 min

Lab File: VD079514.D

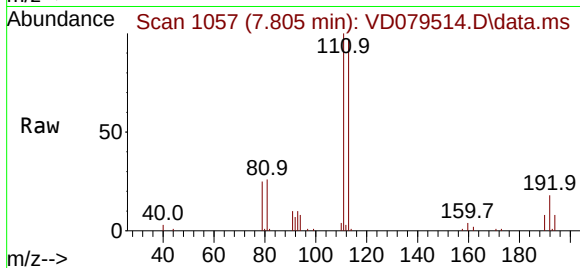
Acq: 01 Aug 2024 01:20

Instrument :

MSVOA_D

ClientSampleId :

S-861-K2-SO-13.5-14-072024-FD



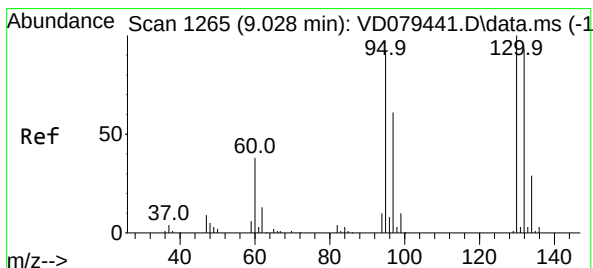
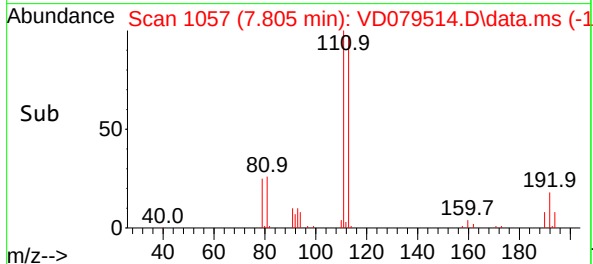
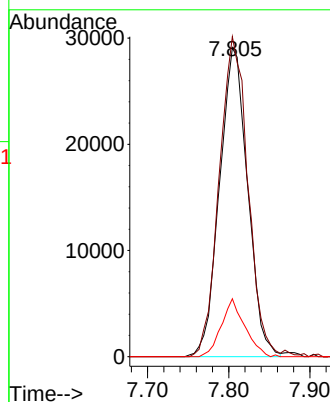
Tgt Ion:113 Resp: 70092

Ion Ratio Lower Upper

113 100

111 105.9 84.0 126.0

192 15.8 15.4 23.0



#44

Trichloroethene

Concen: 469.215 ug/l

RT: 9.028 min Scan# 1265

Delta R.T. -0.000 min

Lab File: VD079514.D

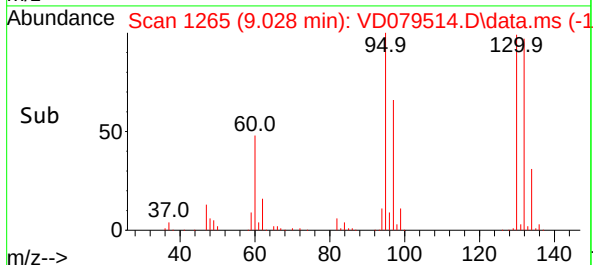
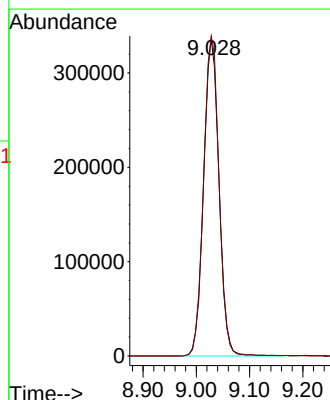
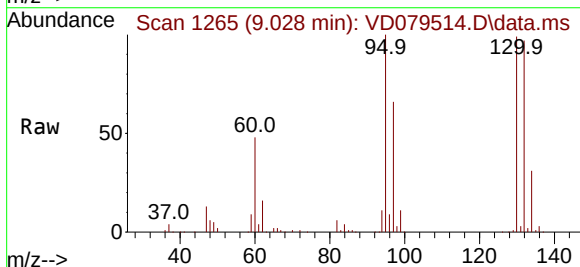
Acq: 01 Aug 2024 01:20

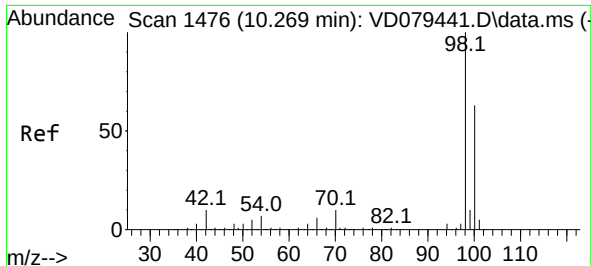
Tgt Ion:130 Resp: 672702

Ion Ratio Lower Upper

130 100

95 100.9 0.0 177.8

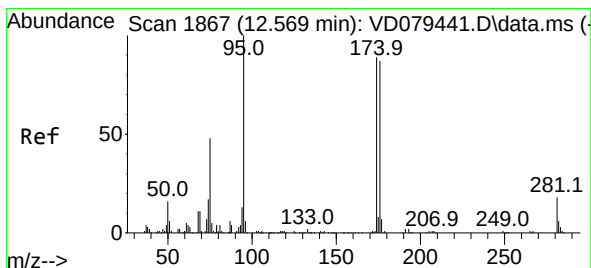
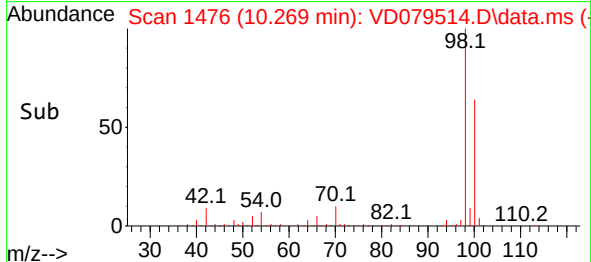
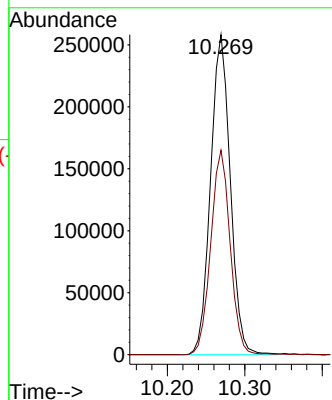
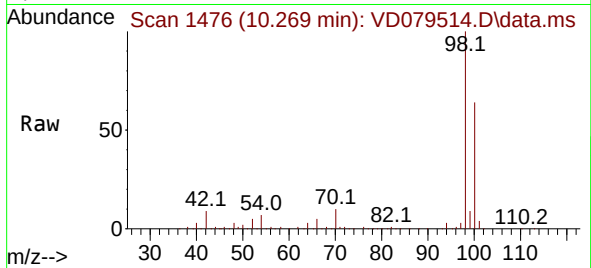




#50
Toluene-d8
Concen: 88.407 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VD079514.D
Acq: 01 Aug 2024 01:20

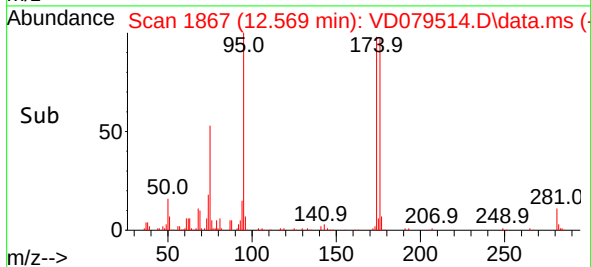
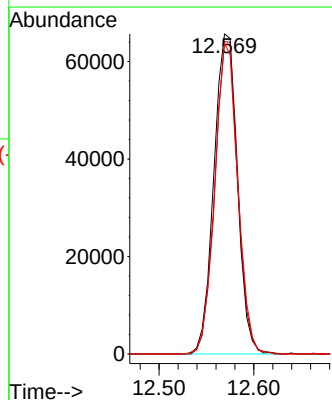
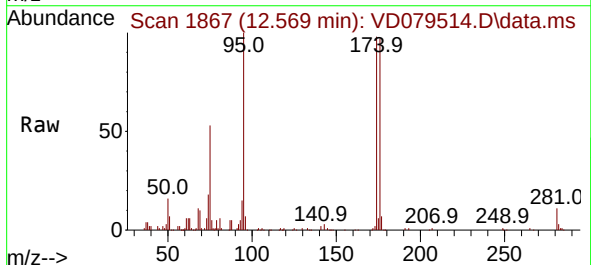
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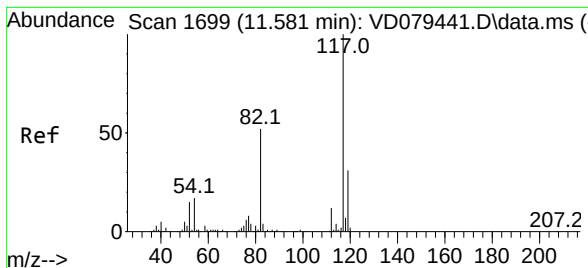
Tgt Ion: 98 Resp: 456101
Ion Ratio Lower Upper
98 100
100 63.1 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 75.224 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079514.D
Acq: 01 Aug 2024 01:20

Tgt Ion: 95 Resp: 112305
Ion Ratio Lower Upper
95 100
174 96.9 0.0 195.4
176 95.4 0.0 192.6

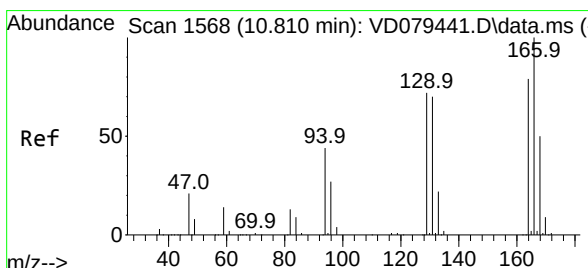
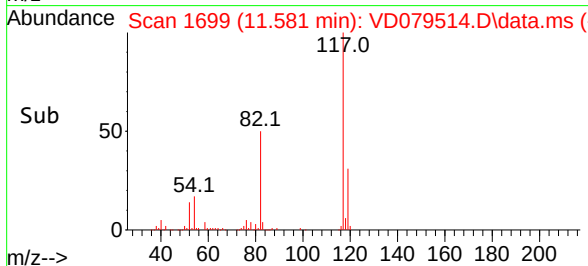
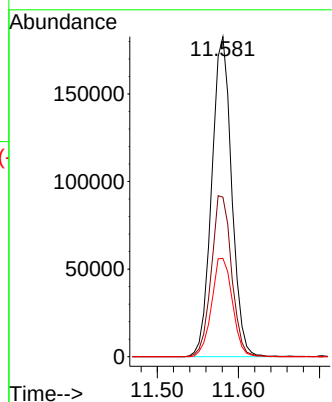
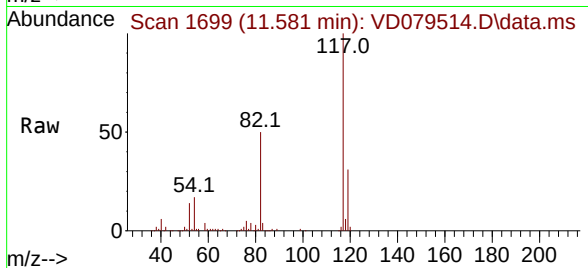




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD079514.D
Acq: 01 Aug 2024 01:20

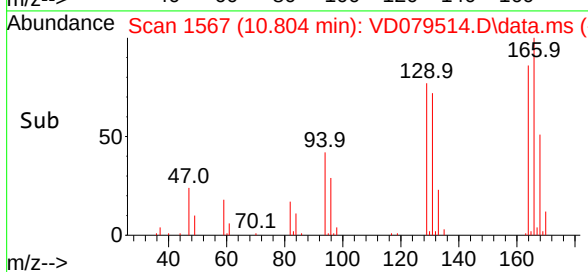
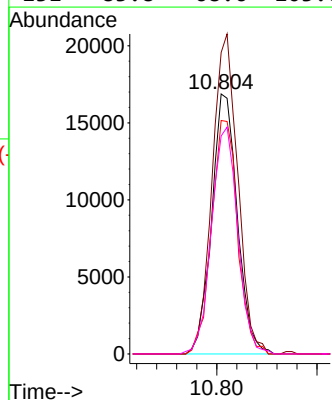
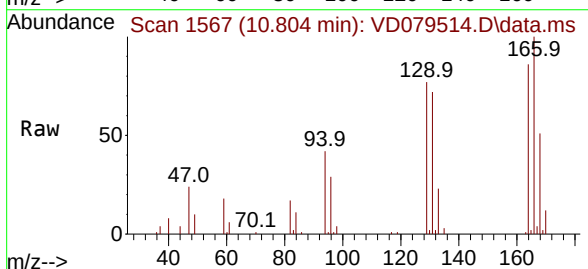
Instrument :
MSVOA_D
ClientSampleId :
S-861-K2-SO-13.5-14-072024-FD

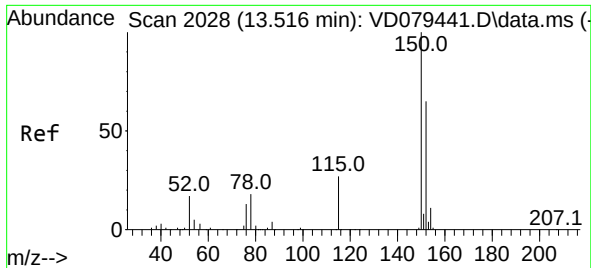
Tgt Ion:	117	Resp:	311286
Ion	Ratio	Lower	Upper
117	100		
82	49.9	39.8	59.6
119	30.7	25.7	38.5



#64
Tetrachloroethene
Concen: 14.281 ug/l
RT: 10.804 min Scan# 1567
Delta R.T. -0.006 min
Lab File: VD079514.D
Acq: 01 Aug 2024 01:20

Tgt Ion:	164	Resp:	29975
Ion	Ratio	Lower	Upper
164	100		
166	115.9	108.6	163.0
129	89.8	74.6	112.0
131	83.8	68.6	103.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 20

Delta R.T. 0.006 min

Lab File: VD079514.D

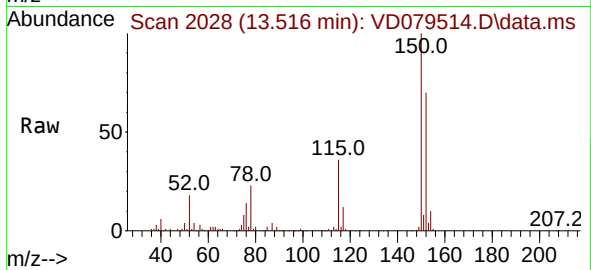
Acq: 01 Aug 2024 01:20

Instrument :

MSVOA_D

ClientSampleId :

S-861-K2-SO-13.5-14-072024-FD



Tgt Ion:152 Resp: 121242

Ion Ratio Lower Upper

152 100

115 55.0 26.5 79.5

150 157.5 0.0 341.6

