

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080524\
 Data File : VD079606.D
 Acq On : 06 Aug 2024 04:39
 Operator : RP/MD
 Sample : P3374-06RE
 Misc : 8.35G/5.0ml/MSVOA_D/SOIL/B
 ALS Vial : 35 Sample Multiplier: 1

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

Quant Time: Aug 06 05:14:29 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)

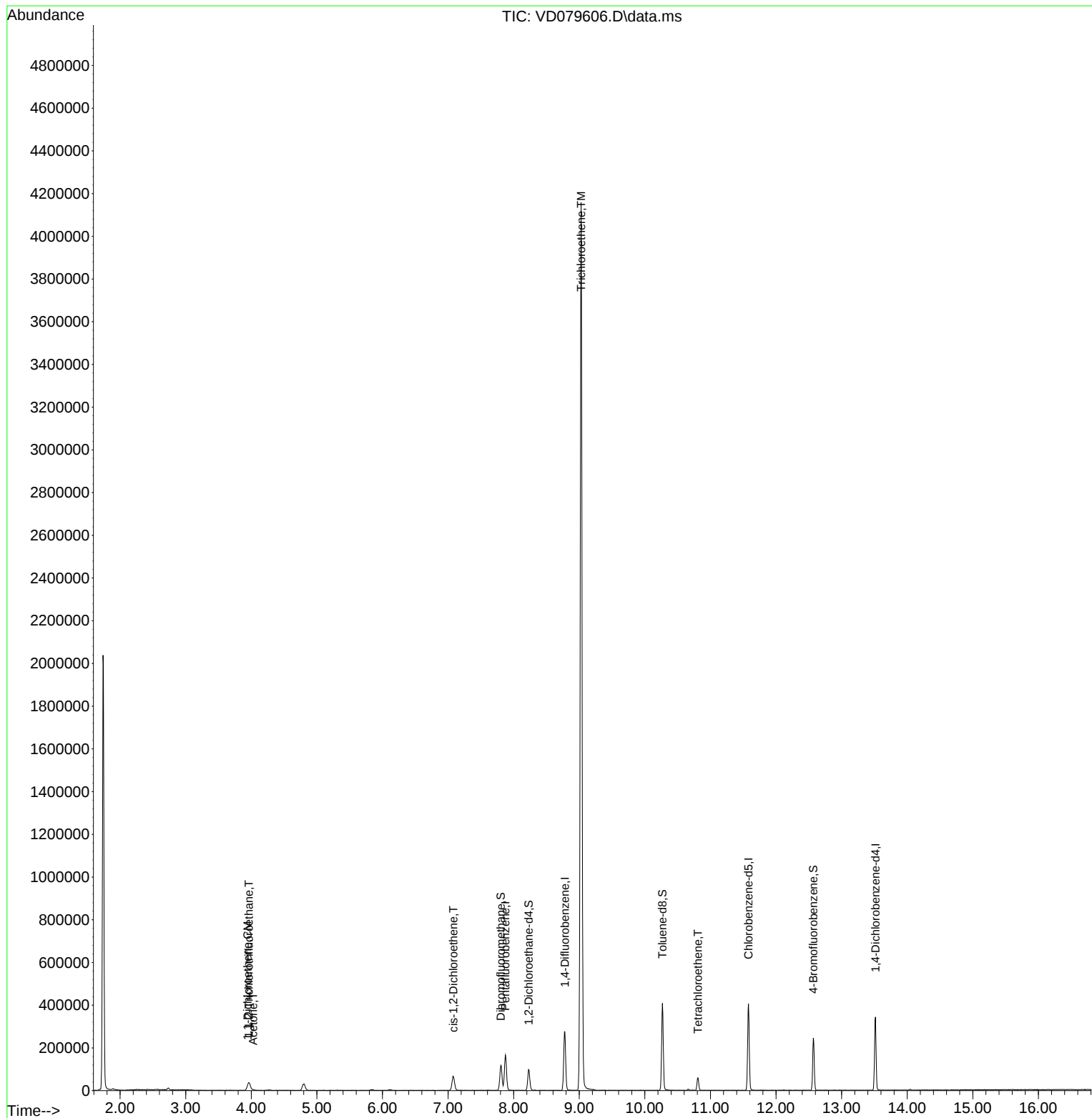
Internal Standards						
1) Pentafluorobenzene	7.875	168	132075	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	259696	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	244374	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	95338	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	73764	54.976	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.960%	
35) Dibromofluoromethane	7.804	113	84357	47.992	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 95.980%	
50) Toluene-d8	10.269	98	287928	42.181	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 84.360%	
62) 4-Bromofluorobenzene	12.569	95	72917	36.914	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 73.820%	
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	3.964	101	23756	16.659	ug/l	96
12) 1,1-Dichloroethene	3.946	96	3483	2.441	ug/l #	74
16) Acetone	4.028	43	5931	22.745	ug/l	96
27) cis-1,2-Dichloroethene	7.081	96	42987	23.459	ug/l	96
44) Trichloroethene	9.028	130	1521182	801.935	ug/l	94
64) Tetrachloroethene	10.810	164	14868	9.023	ug/l	95

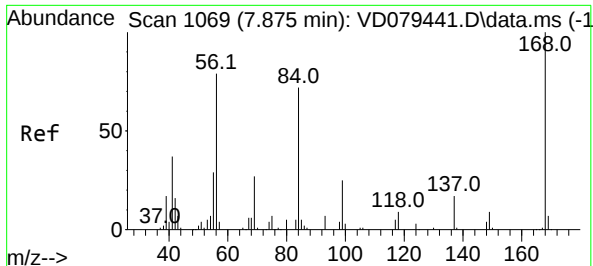
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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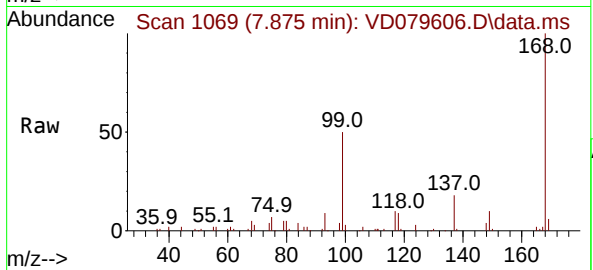
Quant Time: Aug 06 05:14:29 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 30 03:50:47 2024
Response via : Initial Calibration



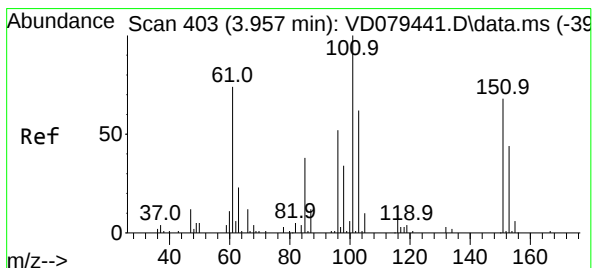
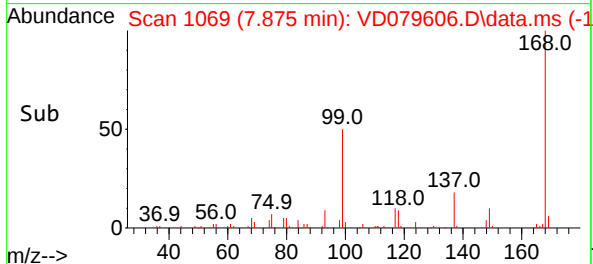
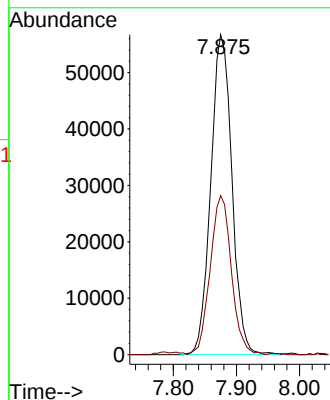


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079606.D
Acq: 06 Aug 2024 04:39

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

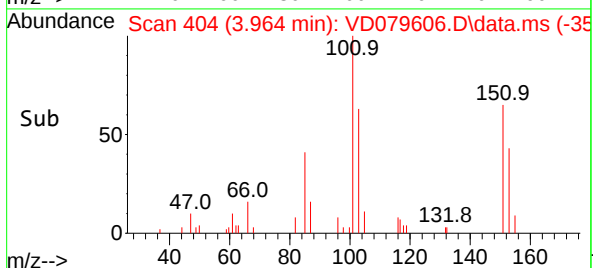
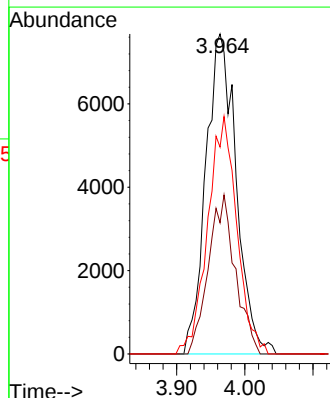
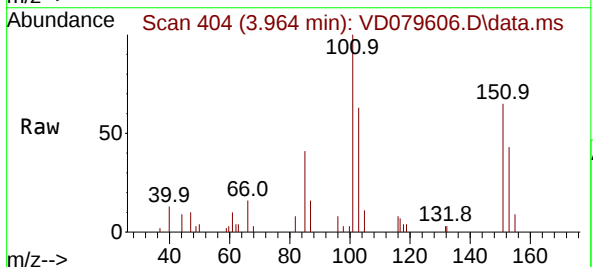


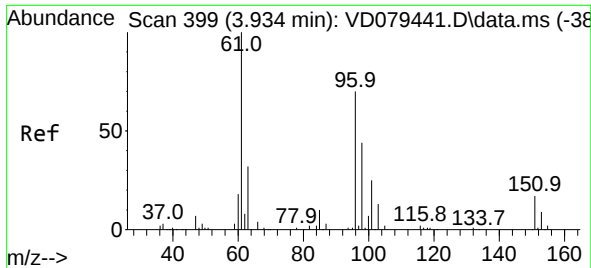
Tgt Ion:168 Resp: 132075
Ion Ratio Lower Upper
168 100
99 49.4 41.1 61.7



#9
1,1,2-Trichlorotrifluoroethane
Concen: 16.659 ug/l
RT: 3.964 min Scan# 404
Delta R.T. -0.000 min
Lab File: VD079606.D
Acq: 06 Aug 2024 04:39

Tgt Ion:101 Resp: 23756
Ion Ratio Lower Upper
101 100
85 44.2 33.5 50.3
151 71.3 60.3 90.5





#12

1,1-Dichloroethene

Concen: 2.441 ug/l

RT: 3.946 min Scan# 401

Delta R.T. 0.018 min

Lab File: VD079606.D

Acq: 06 Aug 2024 04:39

Instrument :

MSVOA_D

ClientSampleId :

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

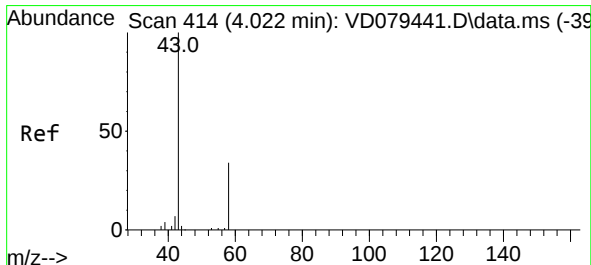
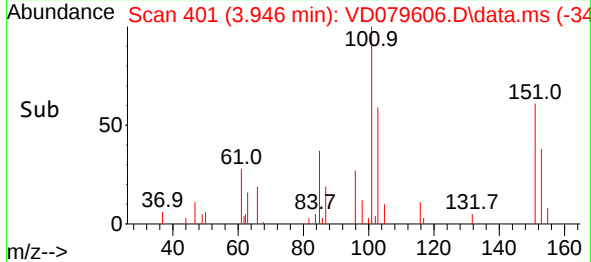
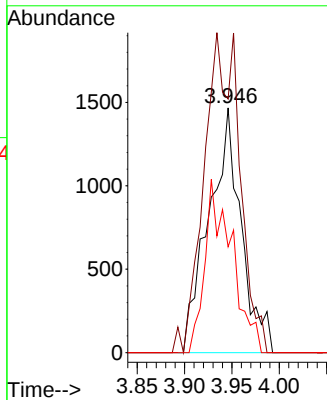
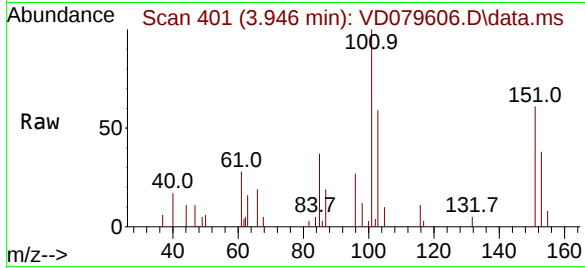
Tgt Ion: 96 Resp: 3483

Ion Ratio Lower Upper

96 100

61 103.6 107.3 160.9#

98 43.3 51.7 77.5#



#16

Acetone

Concen: 22.745 ug/l

RT: 4.028 min Scan# 415

Delta R.T. 0.006 min

Lab File: VD079606.D

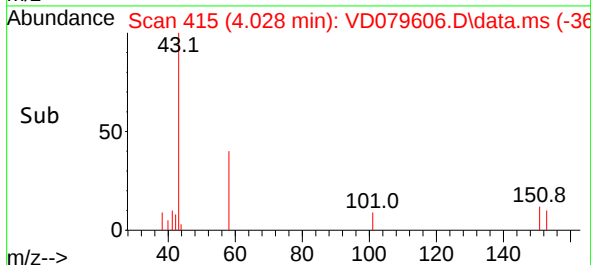
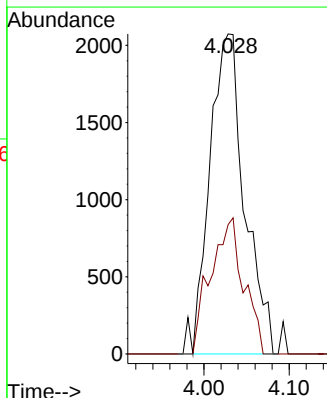
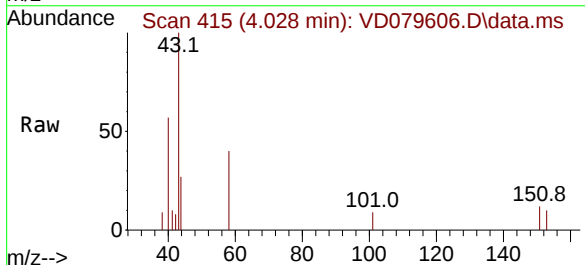
Acq: 06 Aug 2024 04:39

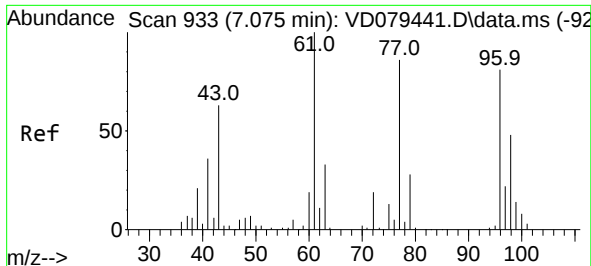
Tgt Ion: 43 Resp: 5931

Ion Ratio Lower Upper

43 100

58 40.4 30.4 45.6





#27

cis-1,2-Dichloroethene

Concen: 23.459 ug/l

RT: 7.081 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD079606.D

Acq: 06 Aug 2024 04:39

Instrument :

MSVOA_D

ClientSampleId :

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

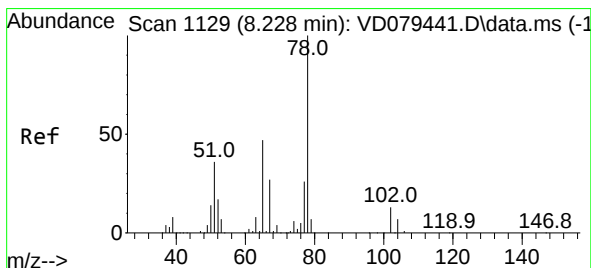
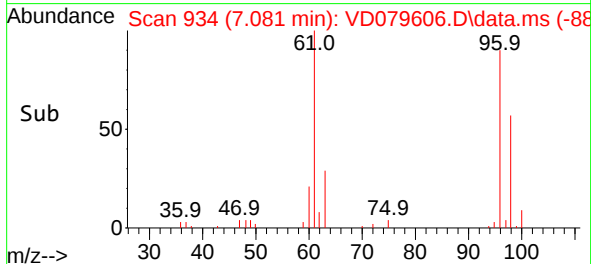
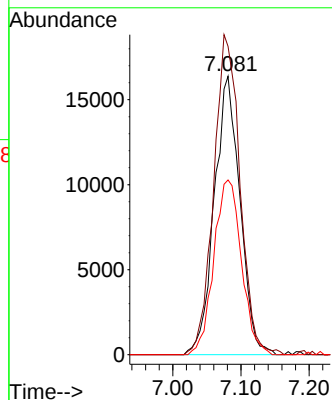
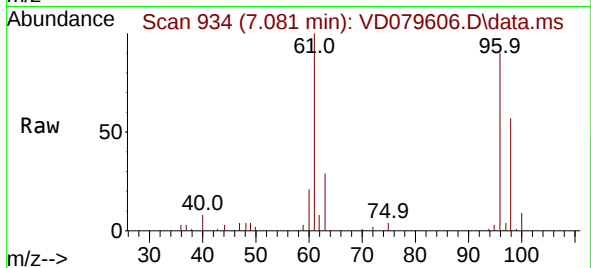
Tgt Ion: 96 Resp: 42987

Ion Ratio Lower Upper

96 100

61 117.4 0.0 229.0

98 67.4 0.0 127.2



#33

1,2-Dichloroethane-d4

Concen: 54.976 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD079606.D

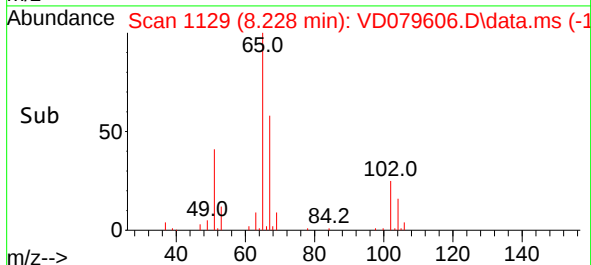
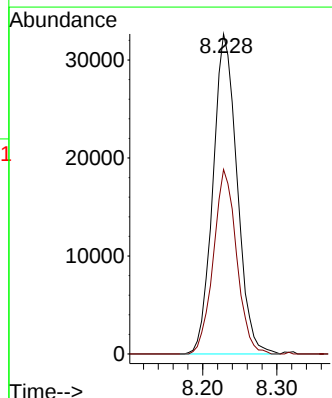
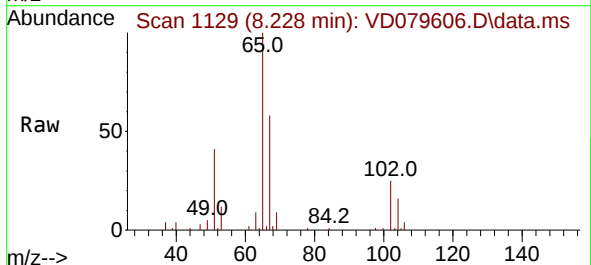
Acq: 06 Aug 2024 04:39

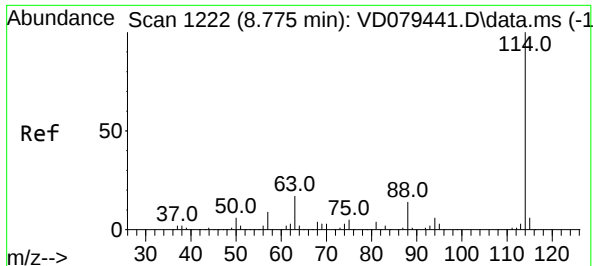
Tgt Ion: 65 Resp: 73764

Ion Ratio Lower Upper

65 100

67 55.5 0.0 111.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD079606.D

Acq: 06 Aug 2024 04:39

Instrument :

MSVOA_D

ClientSampleId :

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

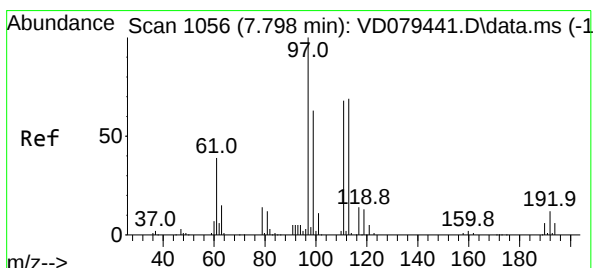
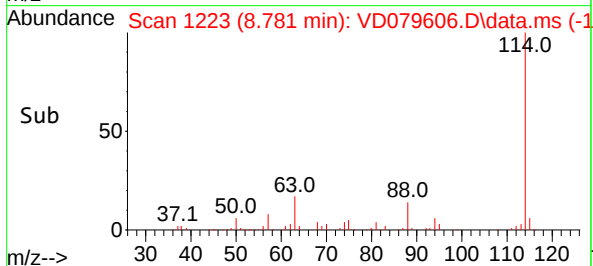
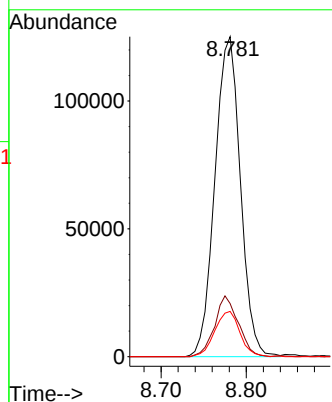
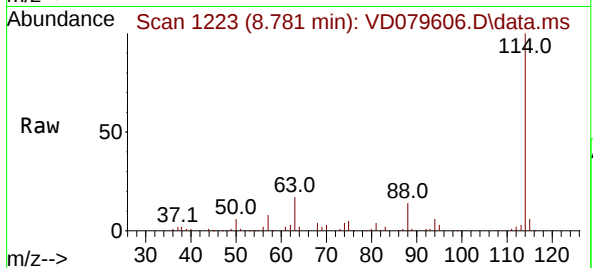
Tgt Ion:114 Resp: 259696

Ion Ratio Lower Upper

114 100

63 16.6 0.0 34.0

88 14.1 0.0 27.2



#35

Dibromofluoromethane

Concen: 47.992 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD079606.D

Acq: 06 Aug 2024 04:39

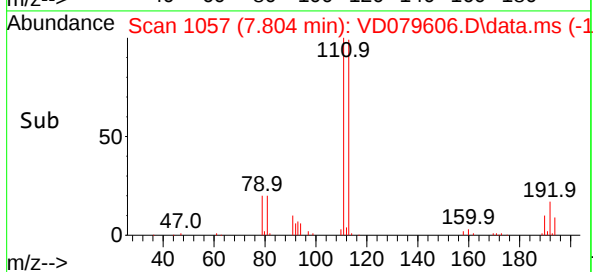
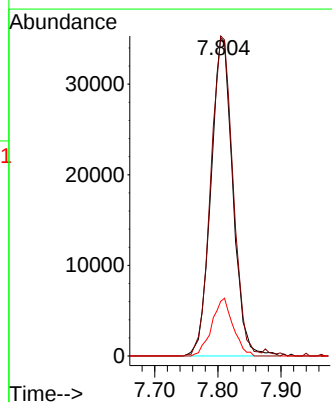
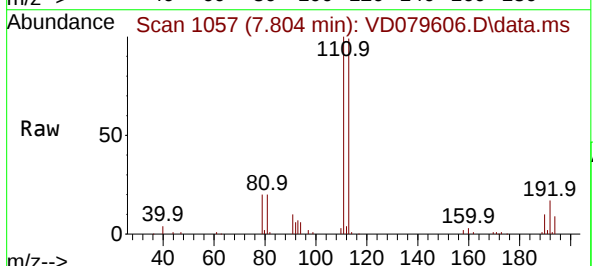
Tgt Ion:113 Resp: 84357

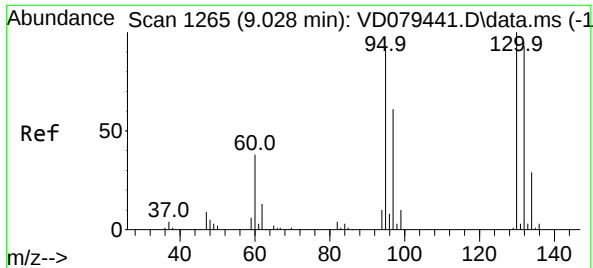
Ion Ratio Lower Upper

113 100

111 102.1 84.0 126.0

192 17.6 15.4 23.0

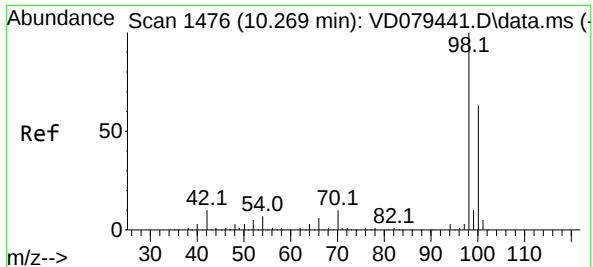
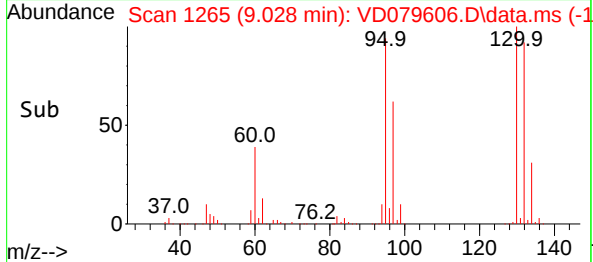
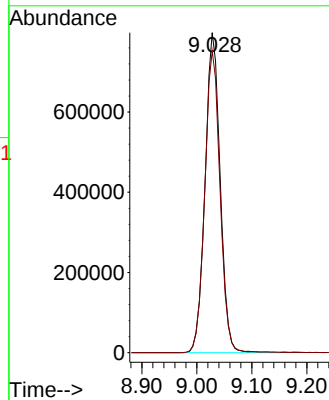
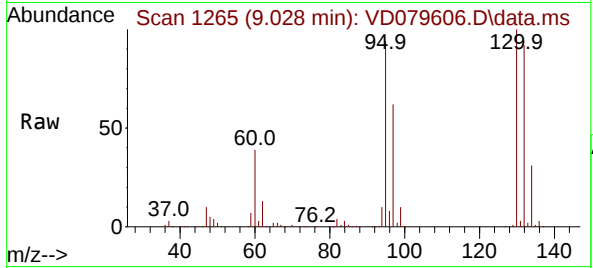




#44
Trichloroethene
Concen: 801.935 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD079606.D
Acq: 06 Aug 2024 04:39

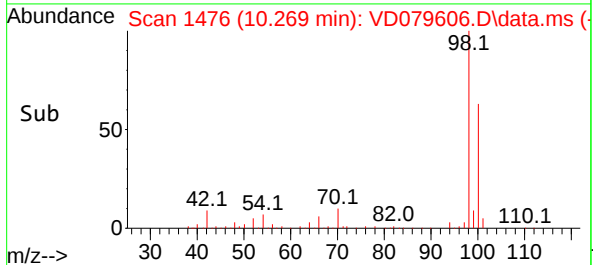
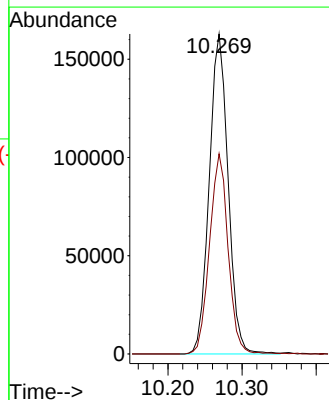
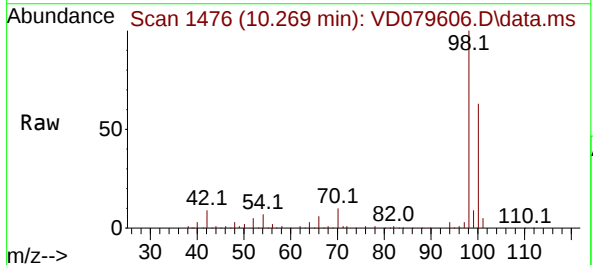
Instrument :
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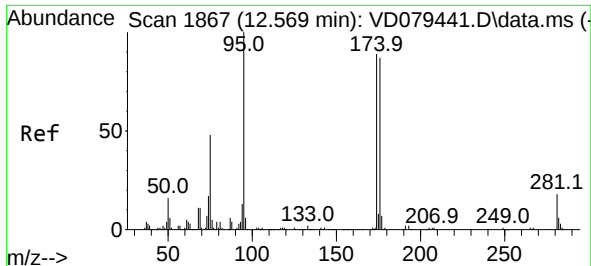
Tgt Ion:130 Resp: 1521182
Ion Ratio Lower Upper
130 100
95 94.3 0.0 177.8



#50
Toluene-d8
Concen: 42.181 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VD079606.D
Acq: 06 Aug 2024 04:39

Tgt Ion: 98 Resp: 287928
Ion Ratio Lower Upper
98 100
100 61.6 51.6 77.4

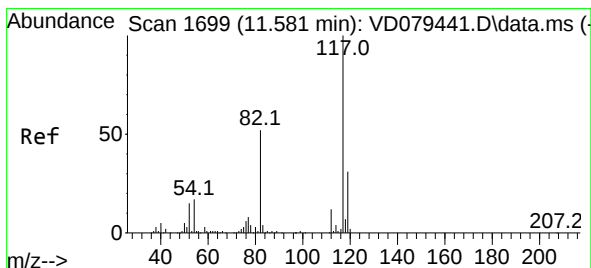
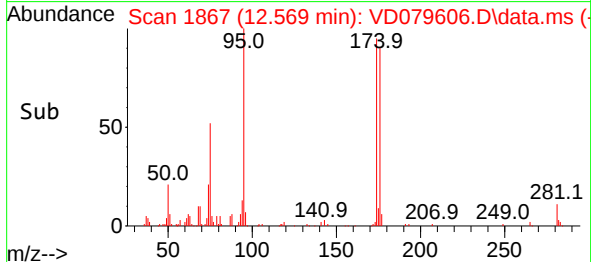
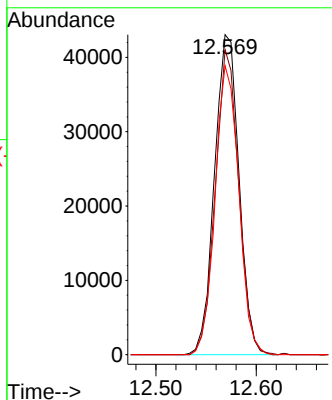
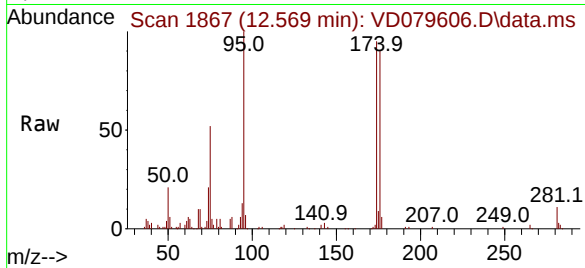




#62
4-Bromofluorobenzene
Concen: 36.914 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079606.D
Acq: 06 Aug 2024 04:39

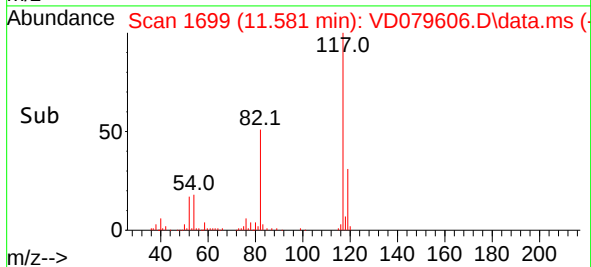
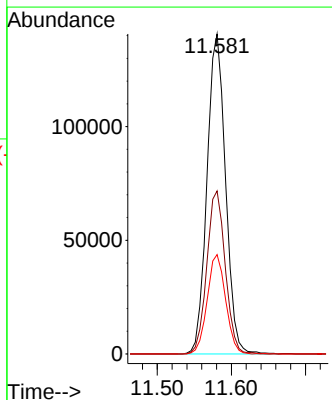
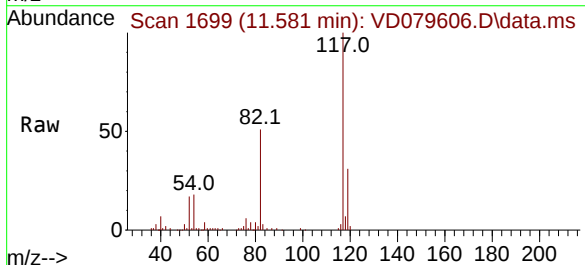
Instrument : MSVOA_D
ClientSampleId : S-861-K2-SO-13.5-14-072024RE

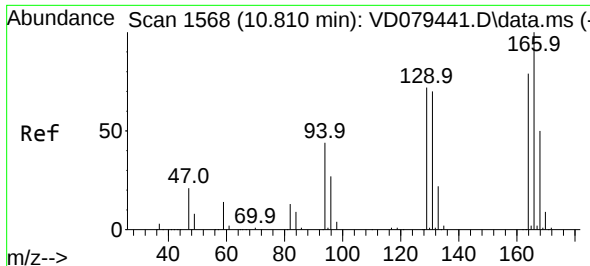
Tgt Ion:	95	Resp:	72917
Ion	Ratio	Lower	Upper
95	100		
174	91.2	0.0	195.4
176	87.6	0.0	192.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD079606.D
Acq: 06 Aug 2024 04:39

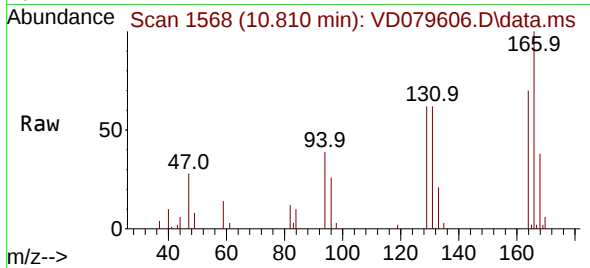
Tgt Ion:	117	Resp:	244374
Ion	Ratio	Lower	Upper
117	100		
82	50.9	39.8	59.6
119	31.0	25.7	38.5



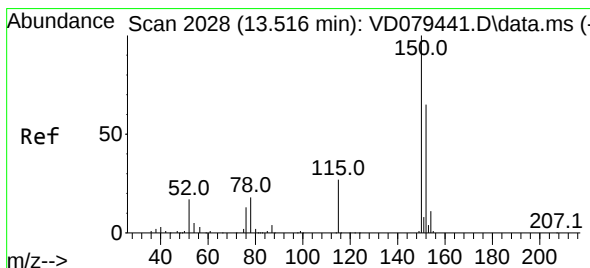
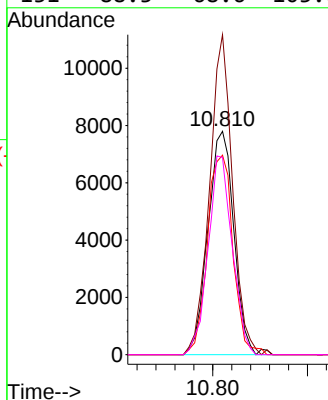
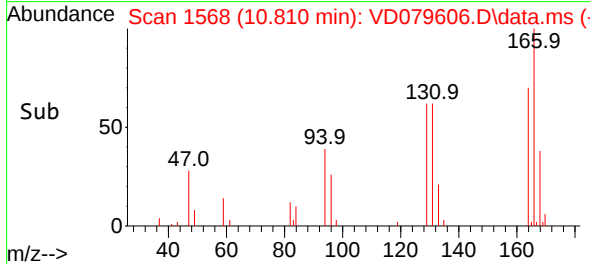


#64
Tetrachloroethene
Concen: 9.023 ug/l
RT: 10.810 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD079606.D
Acq: 06 Aug 2024 04:39

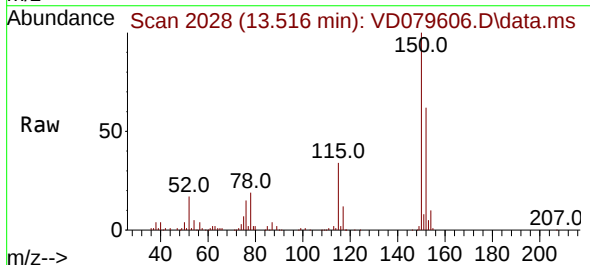
Instrument :
MSVOA_D
ClientSampleId :
S-861-K2-SO-13.5-14-072024RE



Tgt Ion:164 Resp: 14868
Ion Ratio Lower Upper
164 100
166 143.2 108.6 163.0
129 89.3 74.6 112.0
131 88.3 68.6 103.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.006 min
Lab File: VD079606.D
Acq: 06 Aug 2024 04:39



Tgt Ion:152 Resp: 95338
Ion Ratio Lower Upper
152 100
115 55.9 26.5 79.5
150 160.9 0.0 341.6

