

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080724\
 Data File : VD079649.D
 Acq On : 07 Aug 2024 18:58
 Operator : RP/MD
 Sample : P3393-14
 Misc : 6.52G/5.0ml/MSVOA_D/SOILA
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S-848-GI-SO-10-10.5-072624

Quant Time: Aug 08 01:54:18 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)

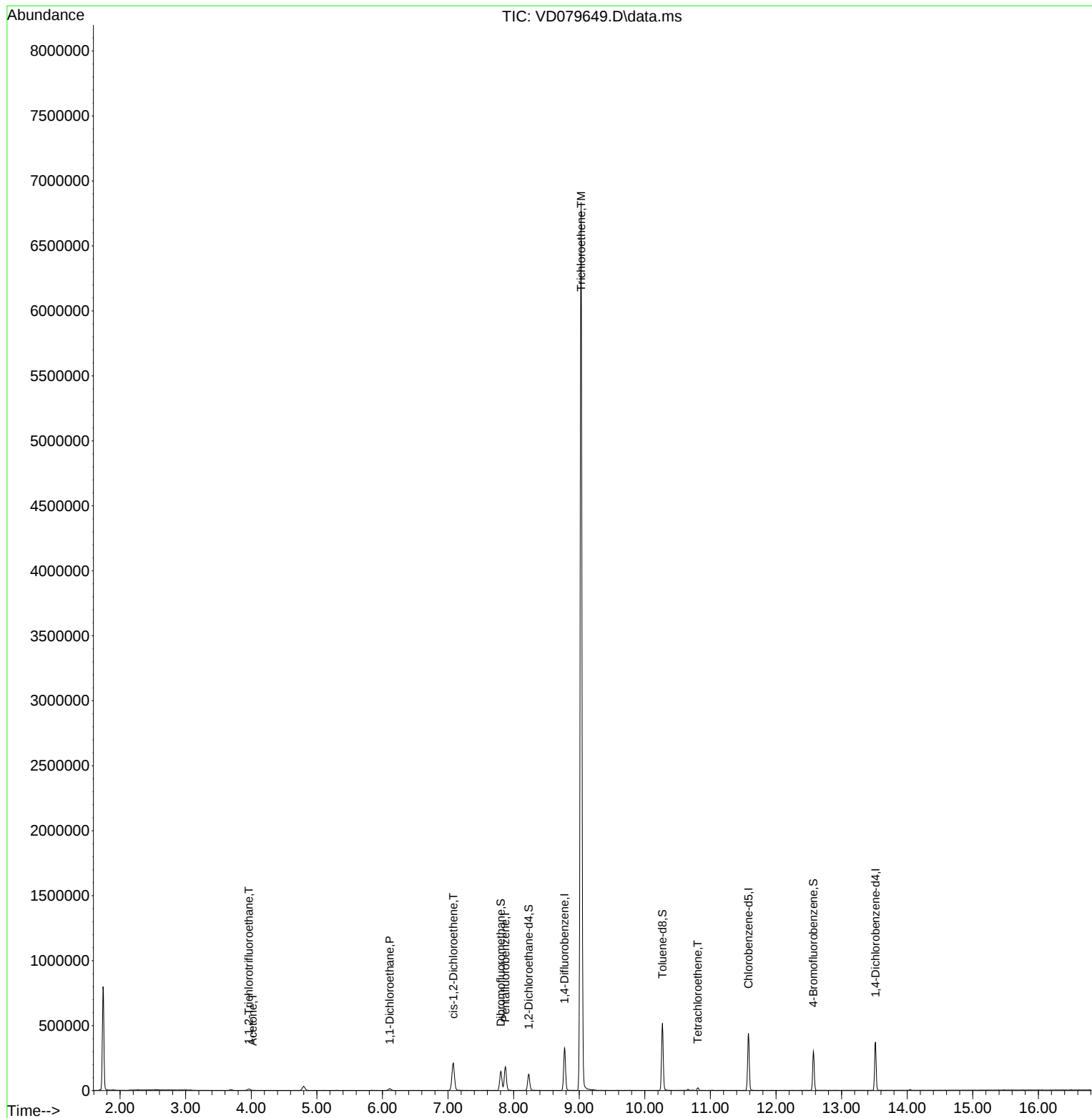
Internal Standards						
1) Pentafluorobenzene	7.875	168	142562	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	296245	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	261684	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	104297	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	96499	66.629	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 133.260%	
35) Dibromofluoromethane	7.805	113	109457	54.589	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.180%	
50) Toluene-d8	10.269	98	365681	46.963	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 93.920%	
62) 4-Bromofluorobenzene	12.569	95	91414	40.569	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 81.140%	
Target Compounds						Qvalue
9) 1,1,2-Trichlorotrifluo...	3.964	101	7287	4.734	ug/l	99
16) Acetone	4.023	43	1310	4.654	ug/l #	76
24) 1,1-Dichloroethane	6.111	63	20013	6.599	ug/l	94
27) cis-1,2-Dichloroethene	7.081	96	139153	70.353	ug/l	99
44) Trichloroethene	9.028	130	2441091	1128.122	ug/l	92
64) Tetrachloroethene	10.805	164	4458	2.526	ug/l	87

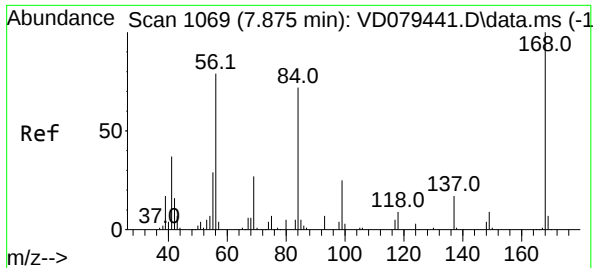
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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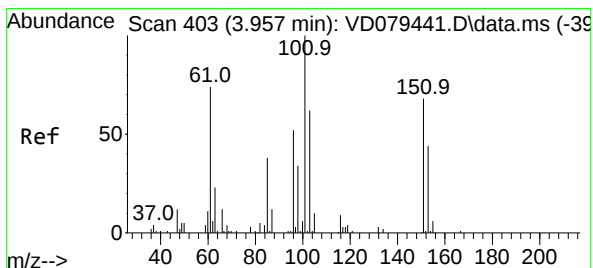
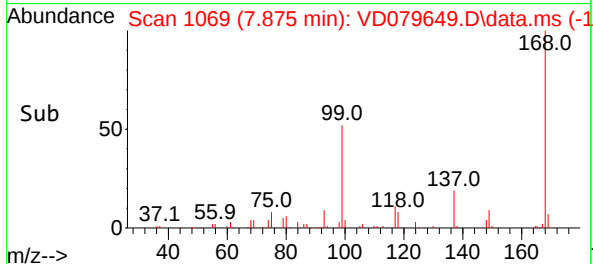
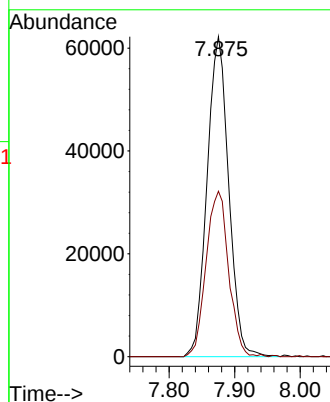
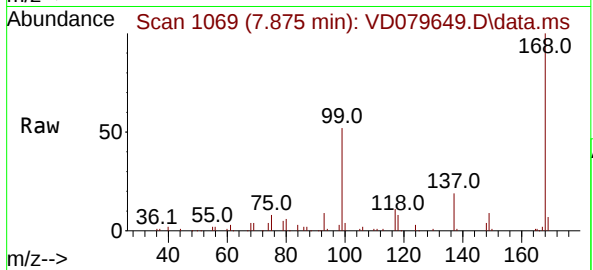




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079649.D
Acq: 07 Aug 2024 18:58

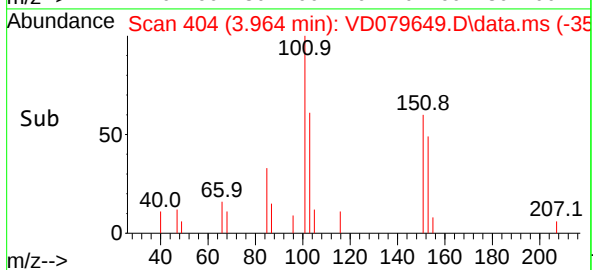
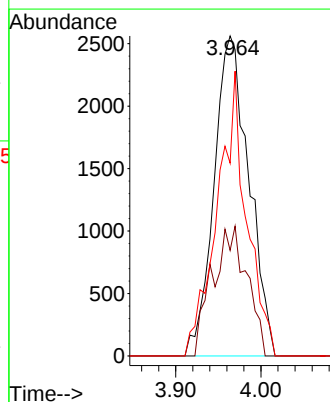
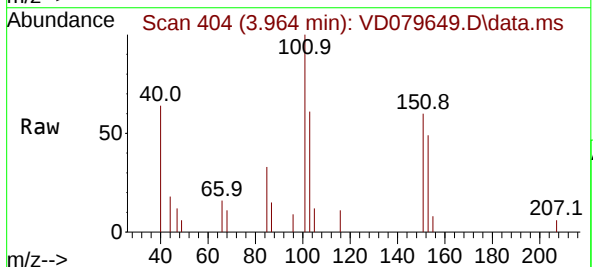
Instrument :
MSVOA_D
ClientSampleId :
S-848-GI-SO-10-10.5-072624

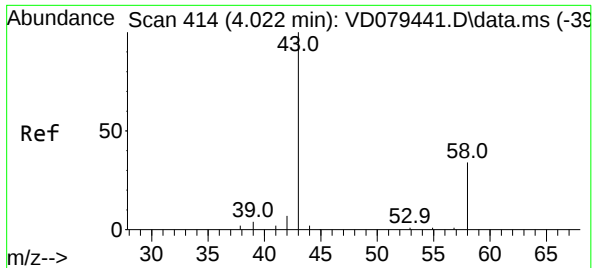
Tgt Ion:168 Resp: 142562
Ion Ratio Lower Upper
168 100
99 51.7 41.1 61.7



#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.734 ug/l
RT: 3.964 min Scan# 404
Delta R.T. 0.000 min
Lab File: VD079649.D
Acq: 07 Aug 2024 18:58

Tgt Ion:101 Resp: 7287
Ion Ratio Lower Upper
101 100
85 40.1 33.5 50.3
151 74.8 60.3 90.5





#16

Acetone

Concen: 4.654 ug/l

RT: 4.023 min Scan# 414

Delta R.T. 0.000 min

Lab File: VD079649.D

Acq: 07 Aug 2024 18:58

Instrument :

MSVOA_D

ClientSampleId :

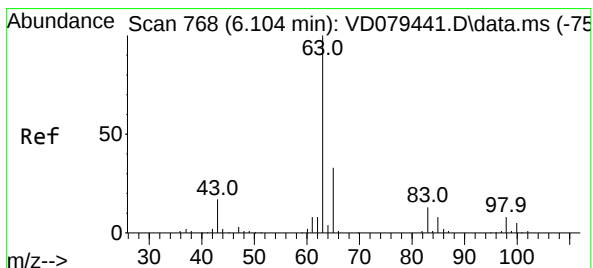
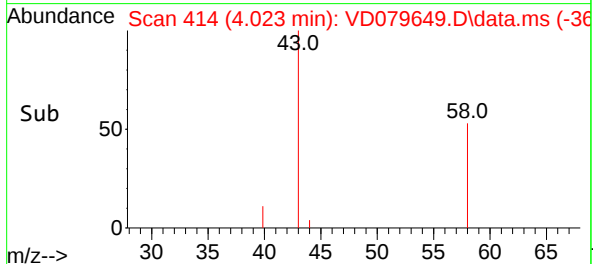
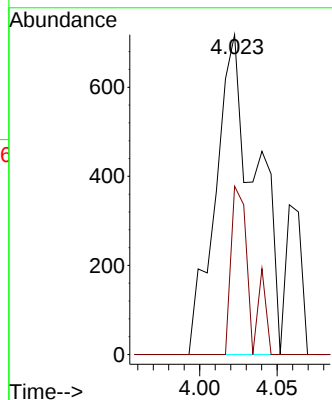
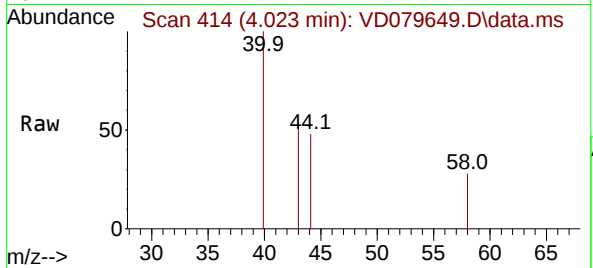
S-848-GI-SO-10-10.5-072624

Tgt Ion: 43 Resp: 1310

Ion Ratio Lower Upper

43 100

58 52.6 30.4 45.6#



#24

1,1-Dichloroethane

Concen: 6.599 ug/l

RT: 6.111 min Scan# 769

Delta R.T. 0.006 min

Lab File: VD079649.D

Acq: 07 Aug 2024 18:58

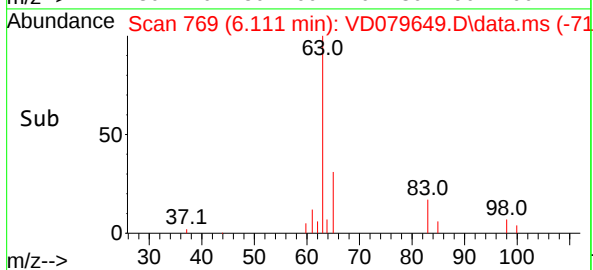
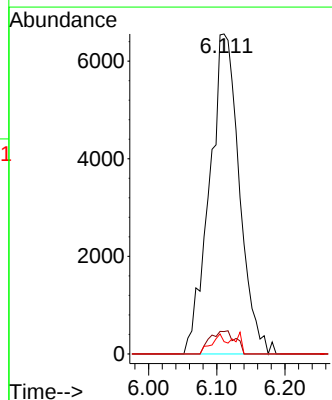
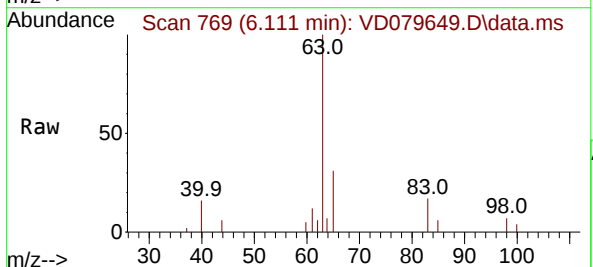
Tgt Ion: 63 Resp: 20013

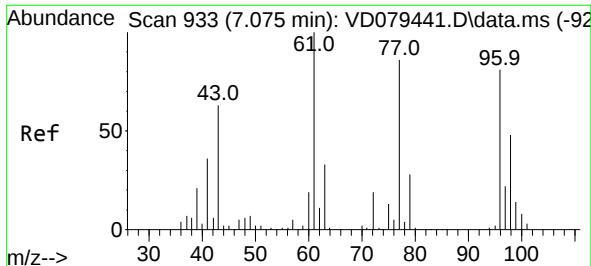
Ion Ratio Lower Upper

63 100

98 7.0 4.7 14.0

100 3.8 2.9 8.6





#27

cis-1,2-Dichloroethene

Concen: 70.353 ug/l

RT: 7.081 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD079649.D

Acq: 07 Aug 2024 18:58

Instrument :

MSVOA_D

ClientSampleId :

S-848-GI-SO-10-10.5-072624

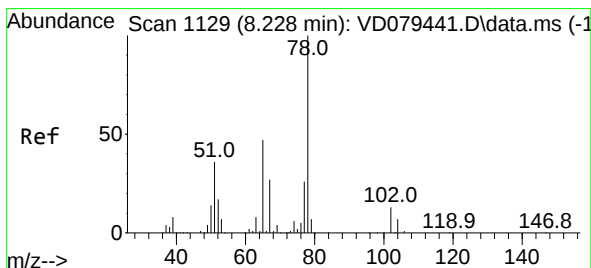
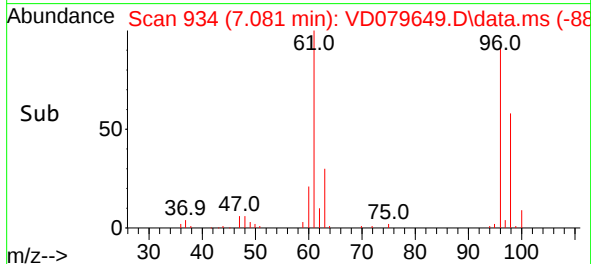
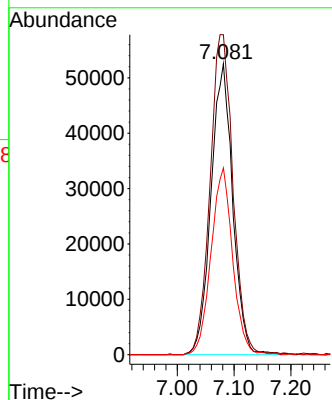
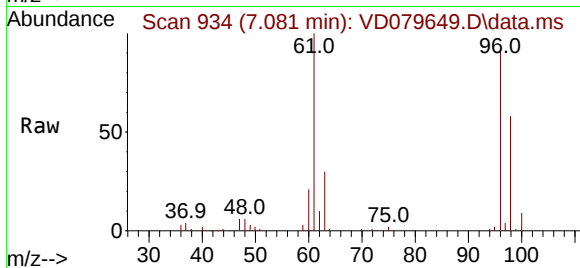
Tgt Ion: 96 Resp: 139153

Ion Ratio Lower Upper

96 100

61 116.4 0.0 229.0

98 63.9 0.0 127.2



#33

1,2-Dichloroethane-d4

Concen: 66.629 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD079649.D

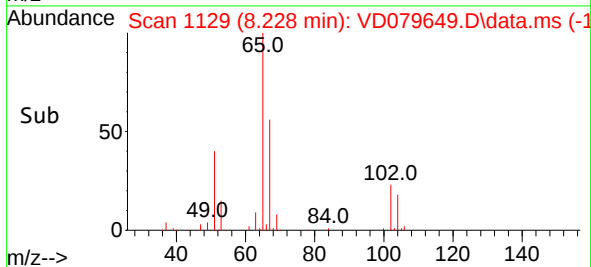
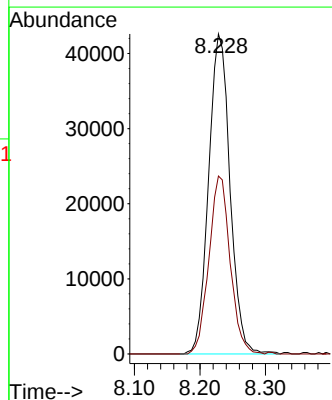
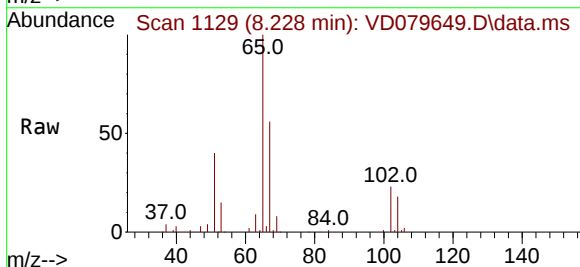
Acq: 07 Aug 2024 18:58

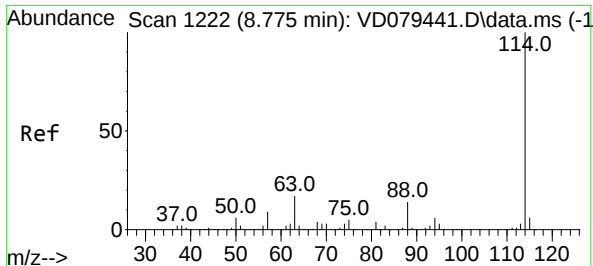
Tgt Ion: 65 Resp: 96499

Ion Ratio Lower Upper

65 100

67 55.2 0.0 111.0

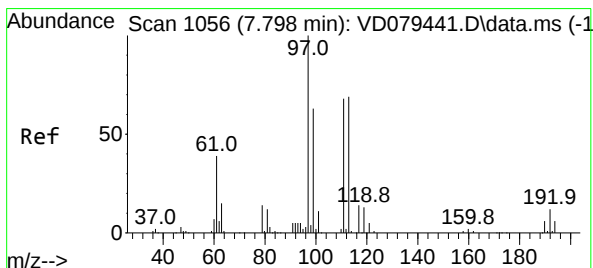
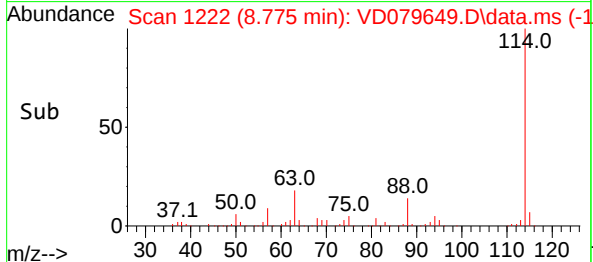
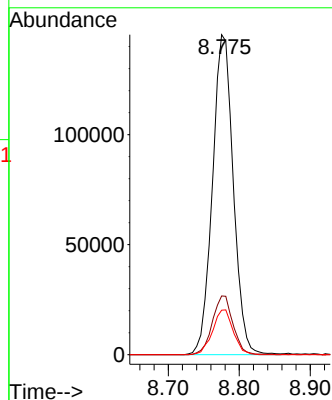
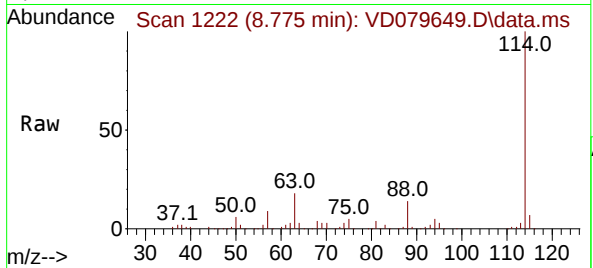




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD079649.D
Acq: 07 Aug 2024 18:58

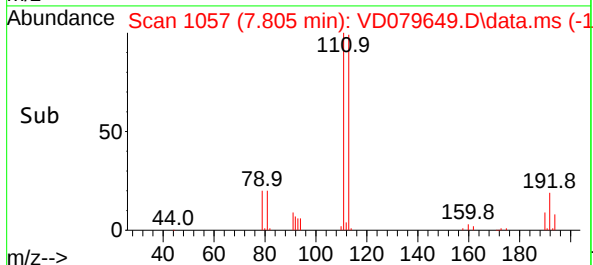
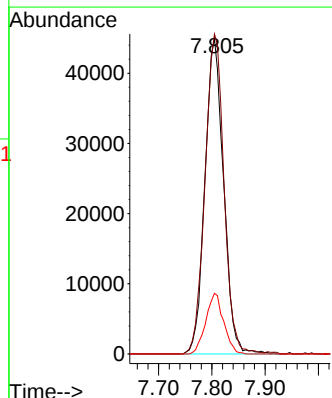
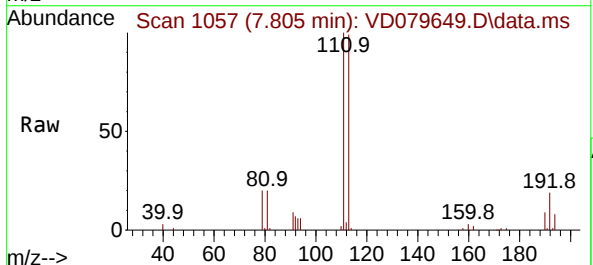
Instrument :
MSVOA_D
ClientSampleId :
S-848-GI-SO-10-10.5-072624

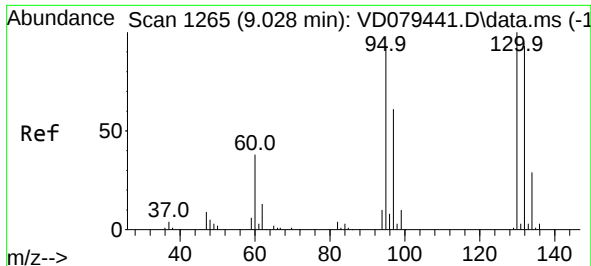
Tgt Ion:114 Resp: 296245
Ion Ratio Lower Upper
114 100
63 18.4 0.0 34.0
88 13.9 0.0 27.2



#35
Dibromofluoromethane
Concen: 54.589 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD079649.D
Acq: 07 Aug 2024 18:58

Tgt Ion:113 Resp: 109457
Ion Ratio Lower Upper
113 100
111 103.1 84.0 126.0
192 18.4 15.4 23.0

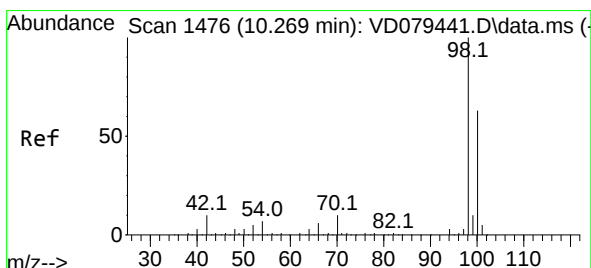
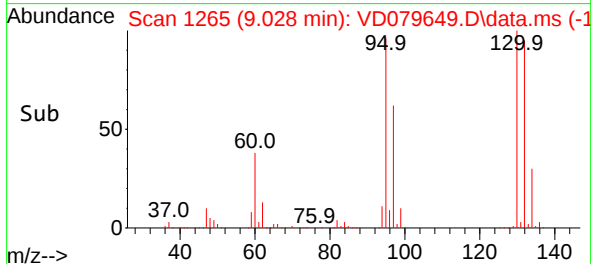
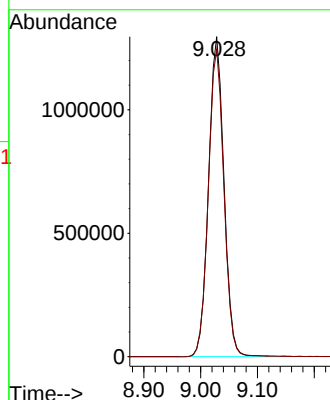
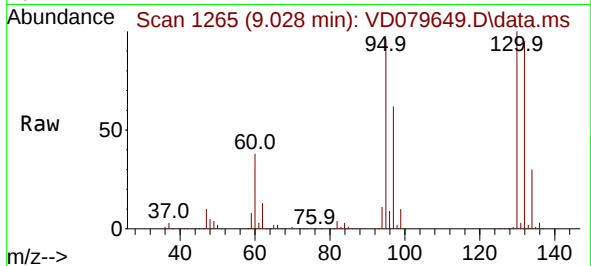




#44
Trichloroethene
Concen: 1128.122 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD079649.D
Acq: 07 Aug 2024 18:58

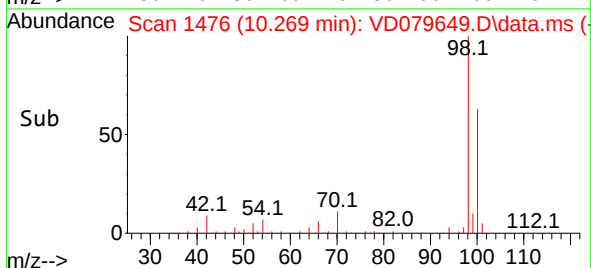
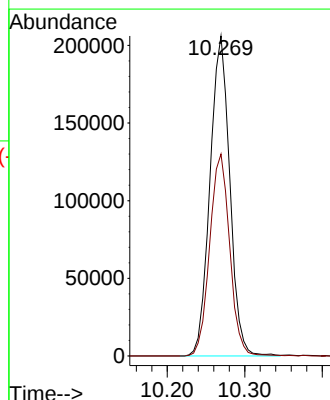
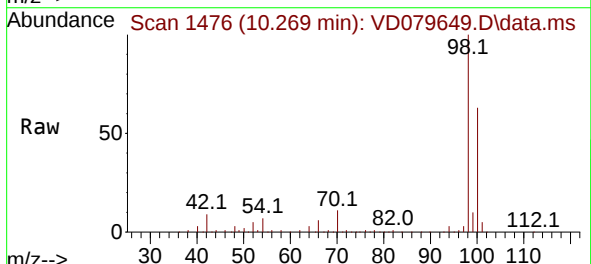
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ClientSampleId :
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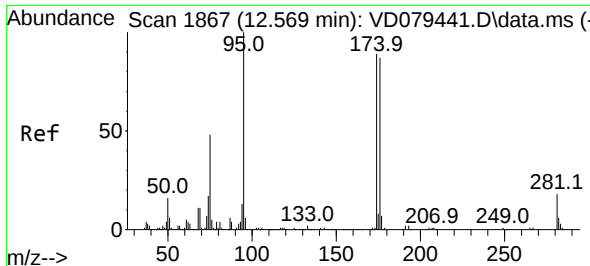
Tgt Ion:130 Resp: 2441091
Ion Ratio Lower Upper
130 100
95 96.1 0.0 177.8



#50
Toluene-d8
Concen: 46.963 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VD079649.D
Acq: 07 Aug 2024 18:58

Tgt Ion: 98 Resp: 365681
Ion Ratio Lower Upper
98 100
100 63.7 51.6 77.4

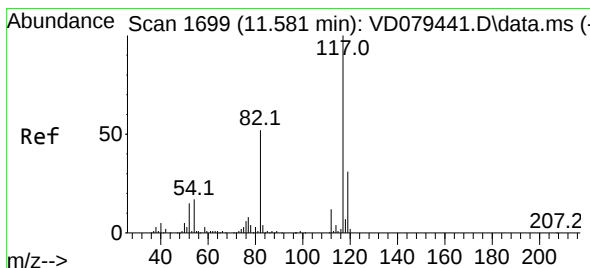
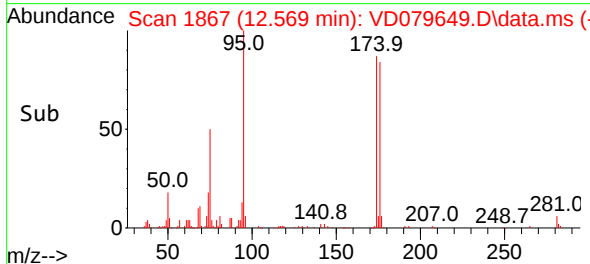
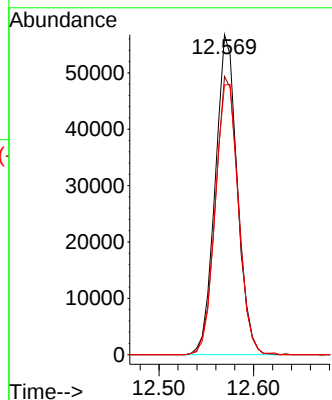
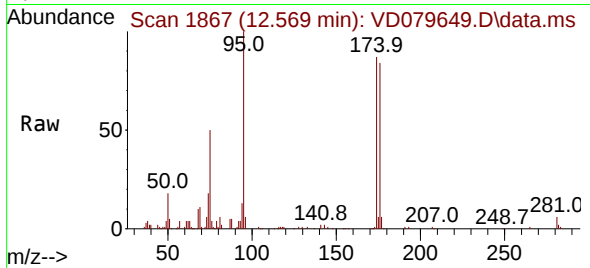




#62
4-Bromofluorobenzene
Concen: 40.569 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD079649.D
Acq: 07 Aug 2024 18:58

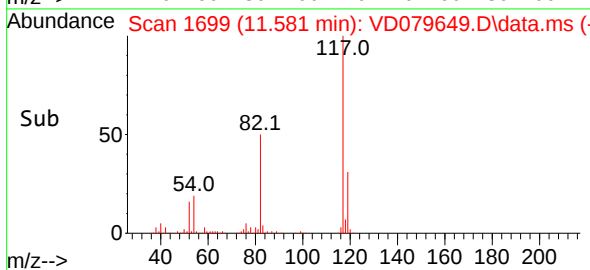
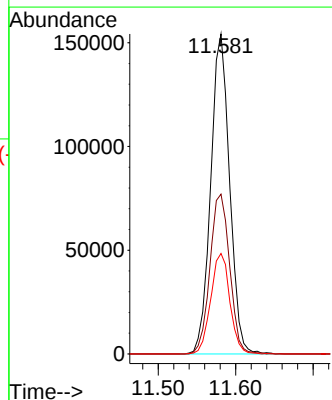
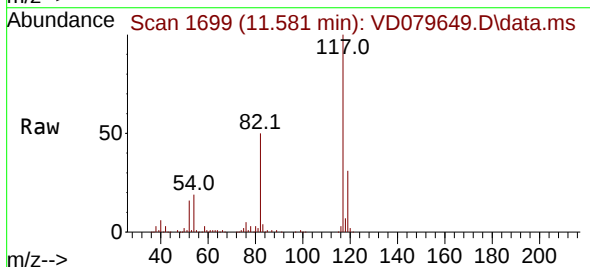
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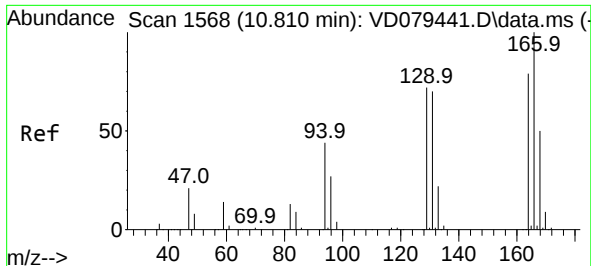
Tgt Ion:	95	Resp:	91414
Ion	Ratio	Lower	Upper
95	100		
174	90.8	0.0	195.4
176	89.5	0.0	192.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD079649.D
Acq: 07 Aug 2024 18:58

Tgt Ion:	117	Resp:	261684
Ion	Ratio	Lower	Upper
117	100		
82	49.9	39.8	59.6
119	31.4	25.7	38.5



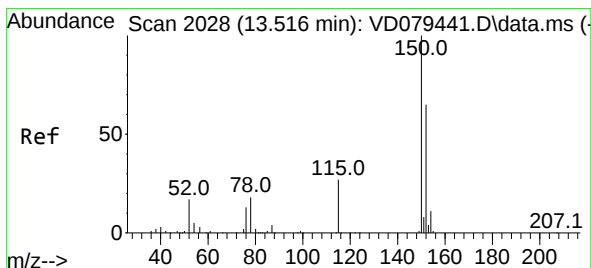
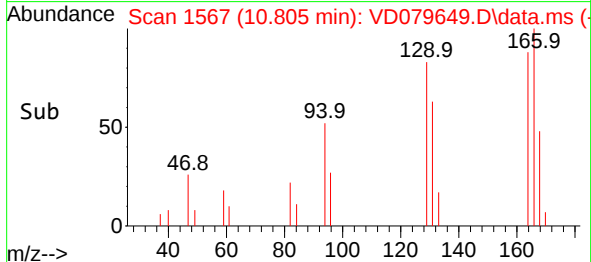
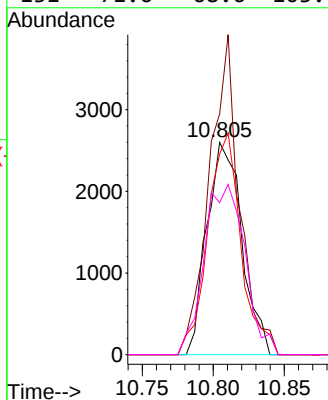
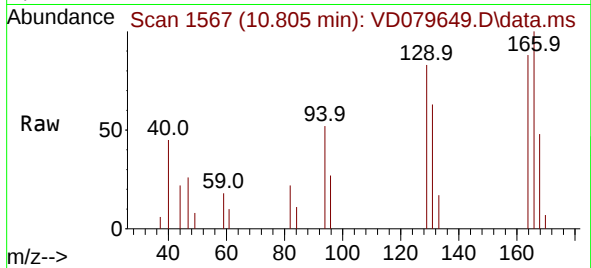


#64
Tetrachloroethene
Concen: 2.526 ug/l
RT: 10.805 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD079649.D
Acq: 07 Aug 2024 18:58

Instrument :
MSVOA_D
ClientSampleId :
S-848-GI-SO-10-10.5-072624

Tgt Ion:164 Resp: 4458

Ion	Ratio	Lower	Upper
164	100		
166	113.3	108.6	163.0
129	94.5	74.6	112.0
131	71.6	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: VD079649.D
Acq: 07 Aug 2024 18:58

Tgt Ion:152 Resp: 104297

Ion	Ratio	Lower	Upper
152	100		
115	55.1	26.5	79.5
150	157.0	0.0	341.6

