

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080724\
 Data File : VD079650.D
 Acq On : 07 Aug 2024 19:25
 Operator : RP/MD
 Sample : P3393-15
 Misc : 7.31G/5.0ml/MSVOA_D/SOILA
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S-848-GI-SO-12.5-13-072624

Quant Time: Aug 08 01:54:41 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)

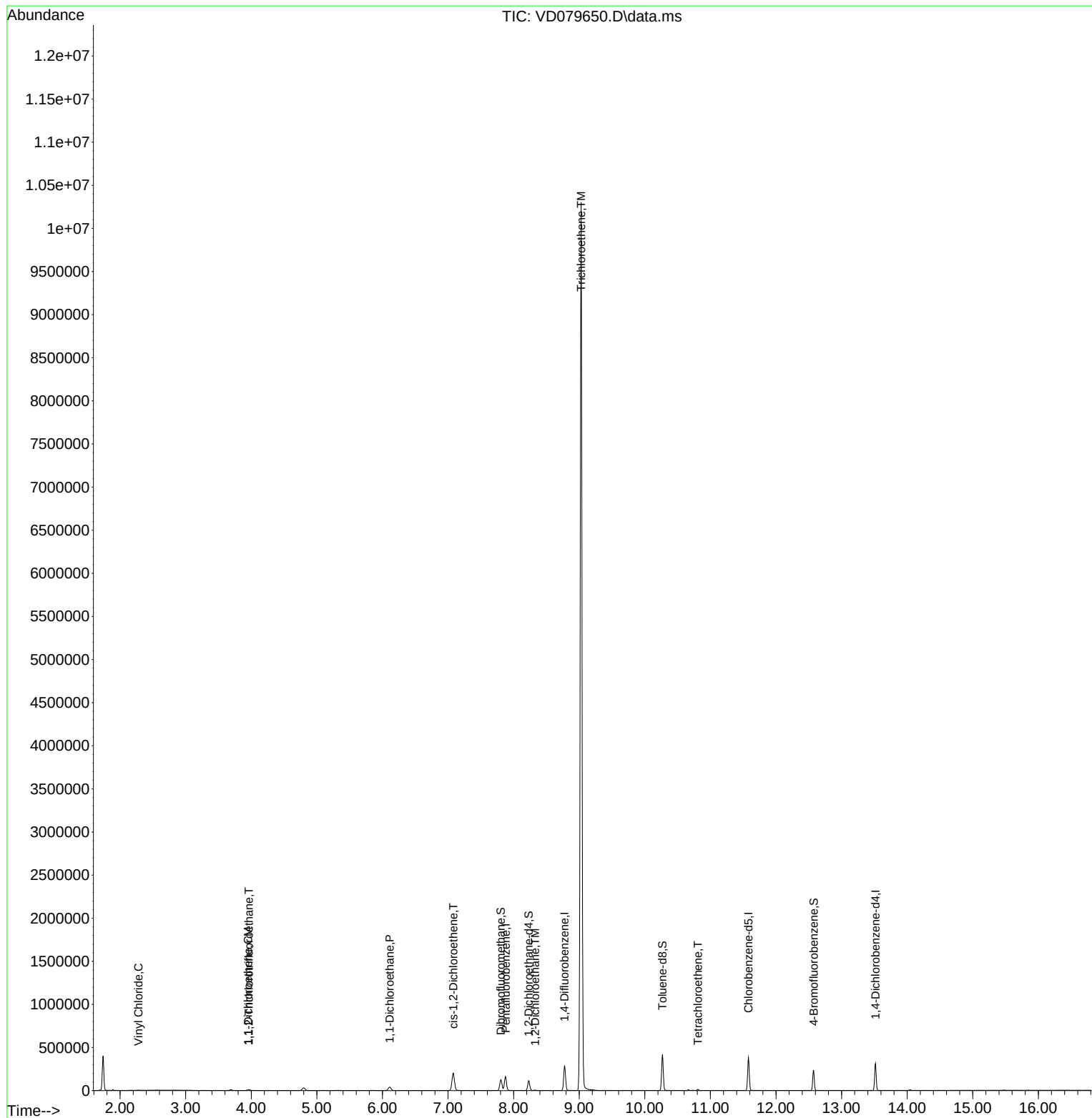
Internal Standards						
1) Pentafluorobenzene	7.881	168	125477	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	261037	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	223469	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	87584	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	85450	67.034	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	134.060%
35) Dibromofluoromethane	7.805	113	95002	53.770	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.540%
50) Toluene-d8	10.269	98	296123	43.159	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	86.320%
62) 4-Bromofluorobenzene	12.575	95	72577	36.554	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	73.100%
Target Compounds						
4) Vinyl Chloride	2.281	62	2409	1.118	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.964	101	6967	5.143	ug/l	94
12) 1,1-Dichloroethene	3.952	96	2288	1.688	ug/l #	68
24) 1,1-Dichloroethane	6.111	63	60055	22.498	ug/l	97
27) cis-1,2-Dichloroethene	7.081	96	133701	76.801	ug/l	100
42) 1,2-Dichloroethane	8.328	62	3999	2.191	ug/l	87
44) Trichloroethene	9.028	130	3623738	1900.544	ug/l	86
64) Tetrachloroethene	10.810	164	3191	2.118	ug/l	89

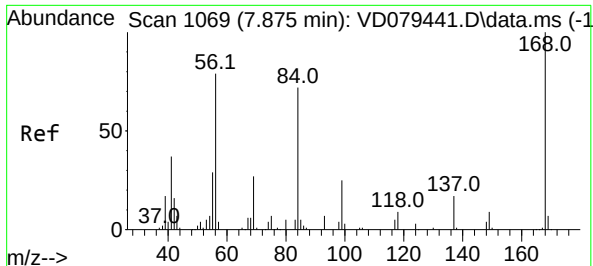
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

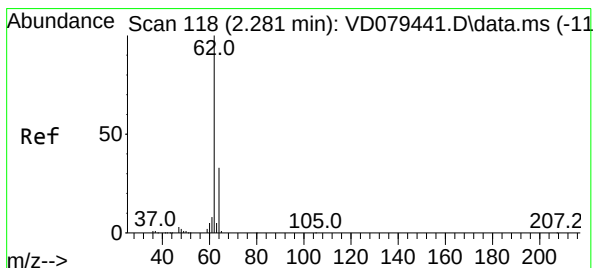
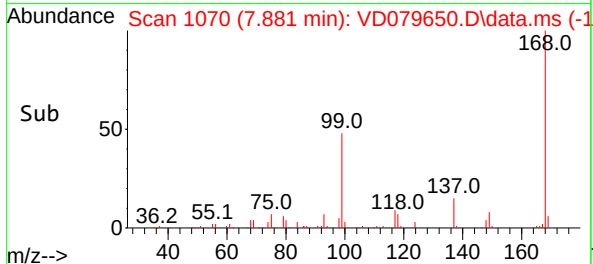
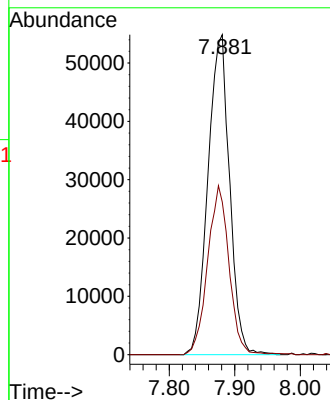
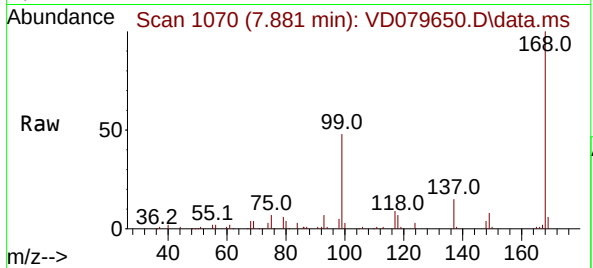




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD079650.D
Acq: 07 Aug 2024 19:25

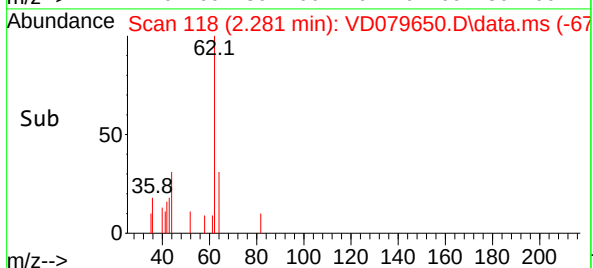
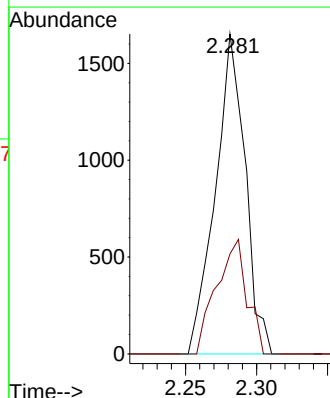
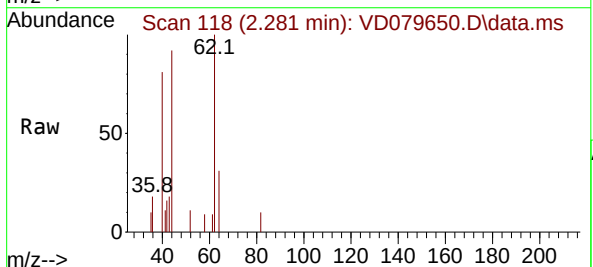
Instrument :
MSVOA_D
ClientSampleId :
S-848-GI-SO-12.5-13-072624

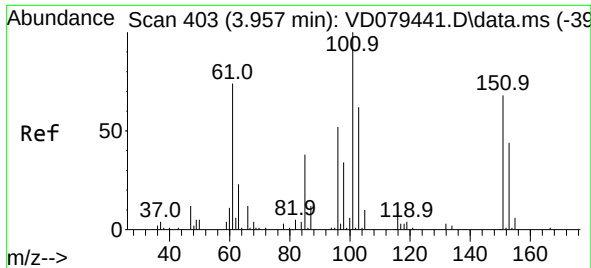
Tgt Ion:168 Resp: 125477
Ion Ratio Lower Upper
168 100
99 47.7 41.1 61.7



#4
Vinyl Chloride
Concen: 1.118 ug/l
RT: 2.281 min Scan# 118
Delta R.T. -0.000 min
Lab File: VD079650.D
Acq: 07 Aug 2024 19:25

Tgt Ion: 62 Resp: 2409
Ion Ratio Lower Upper
62 100
64 31.2 26.3 39.5

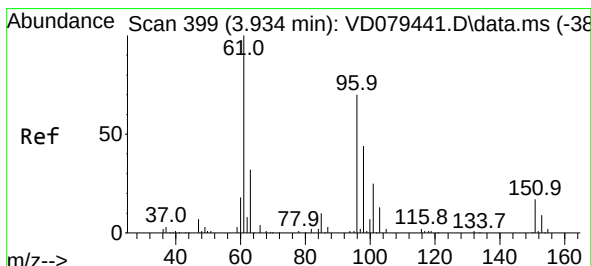
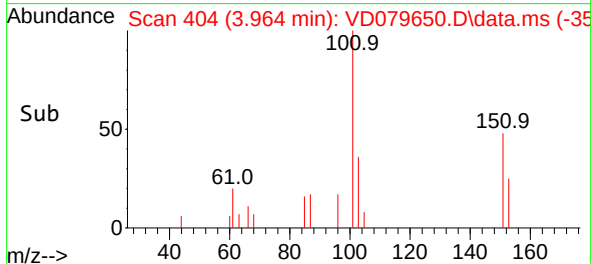
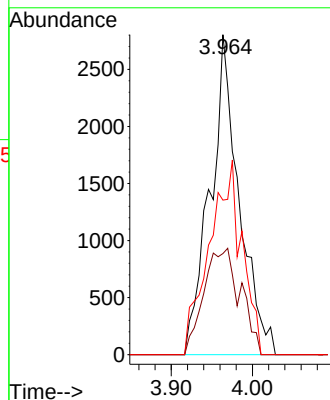
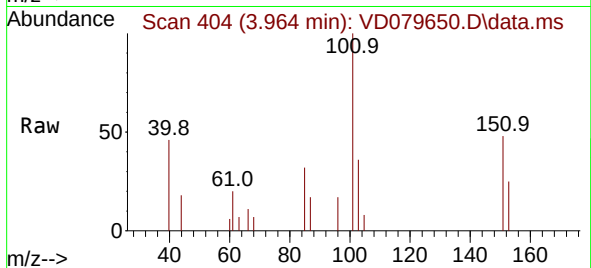




#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.143 ug/l
RT: 3.964 min Scan# 40
Delta R.T. -0.000 min
Lab File: VD079650.D
Acq: 07 Aug 2024 19:25

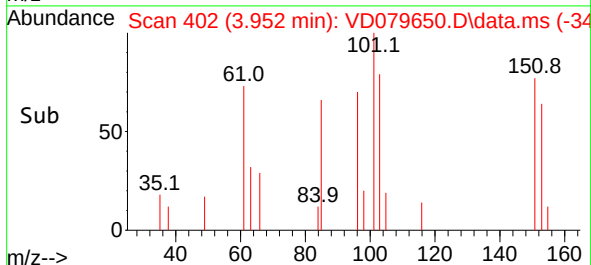
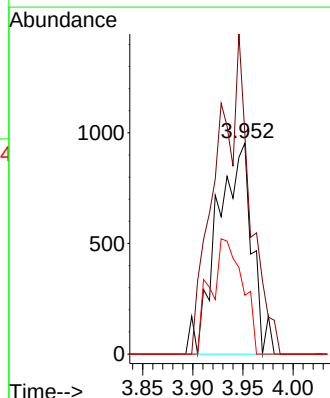
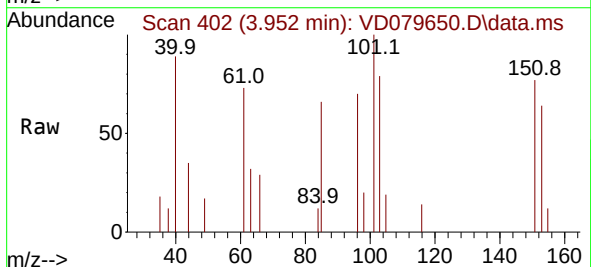
Instrument :
MSVOA_D
ClientSampleId :
S-848-GI-SO-12.5-13-072624

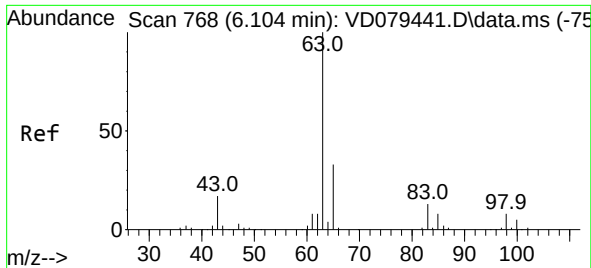
Tgt Ion:101 Resp: 6967
Ion Ratio Lower Upper
101 100
85 41.9 33.5 50.3
151 68.0 60.3 90.5



#12
1,1-Dichloroethene
Concen: 1.688 ug/l
RT: 3.952 min Scan# 402
Delta R.T. 0.023 min
Lab File: VD079650.D
Acq: 07 Aug 2024 19:25

Tgt Ion: 96 Resp: 2288
Ion Ratio Lower Upper
96 100
61 104.4 107.3 160.9#
98 27.9 51.7 77.5#

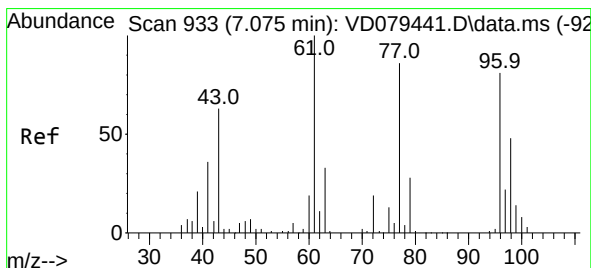
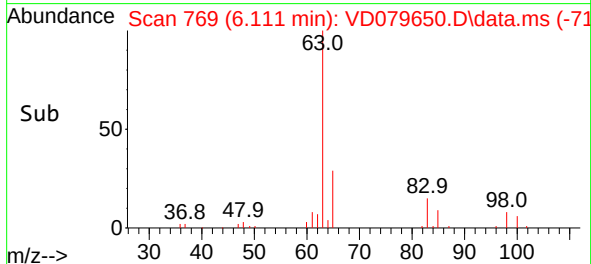
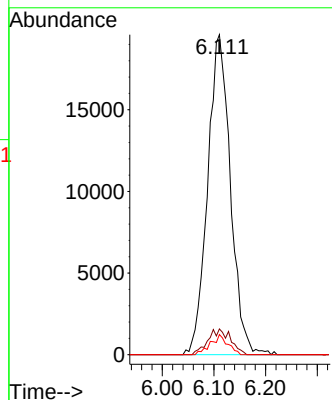
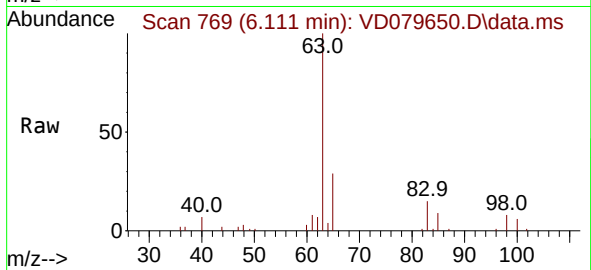




#24
 1,1-Dichloroethane
 Concen: 22.498 ug/l
 RT: 6.111 min Scan# 70
 Delta R.T. 0.006 min
 Lab File: VD079650.D
 Acq: 07 Aug 2024 19:25

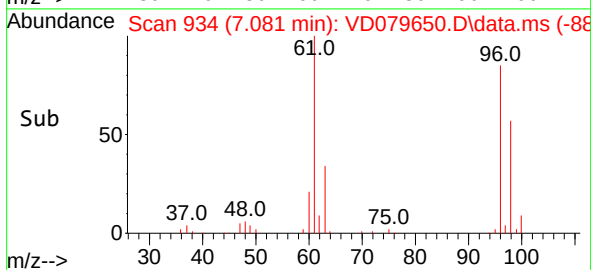
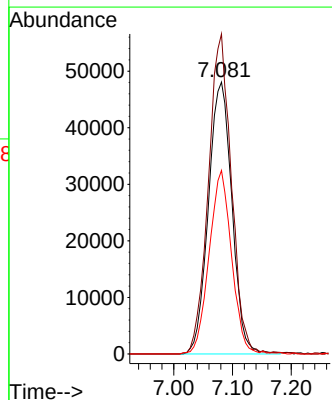
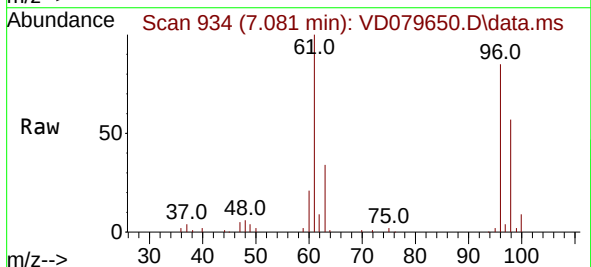
Instrument :
 MSVOA_D
 ClientSampleId :
 S-848-GI-SO-12.5-13-072624

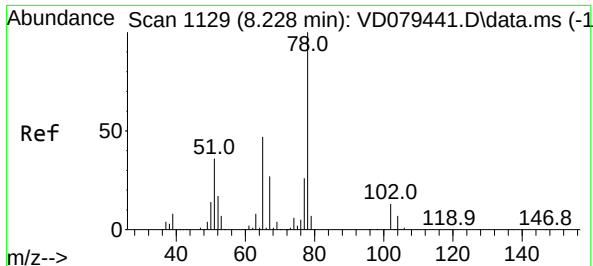
Tgt Ion: 63 Resp: 60055
 Ion Ratio Lower Upper
 63 100
 98 8.0 4.7 14.0
 100 6.3 2.9 8.6



#27
 cis-1,2-Dichloroethene
 Concen: 76.801 ug/l
 RT: 7.081 min Scan# 934
 Delta R.T. 0.006 min
 Lab File: VD079650.D
 Acq: 07 Aug 2024 19:25

Tgt Ion: 96 Resp: 133701
 Ion Ratio Lower Upper
 96 100
 61 114.5 0.0 229.0
 98 64.0 0.0 127.2





#33

1,2-Dichloroethane-d4

Concen: 67.034 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD079650.D

Acq: 07 Aug 2024 19:25

Instrument :

MSVOA_D

ClientSampleId :

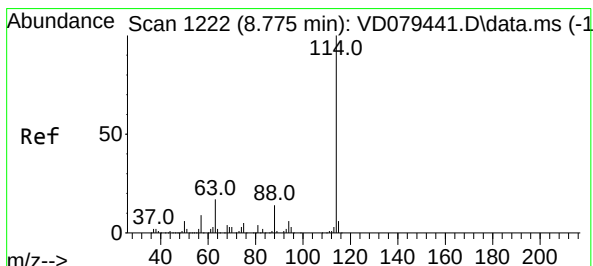
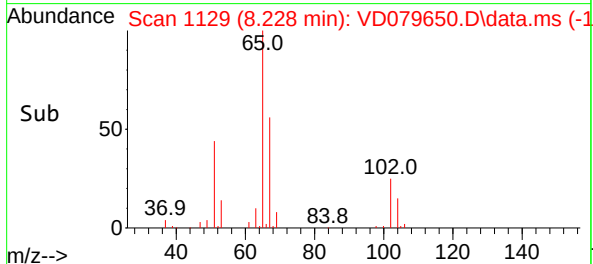
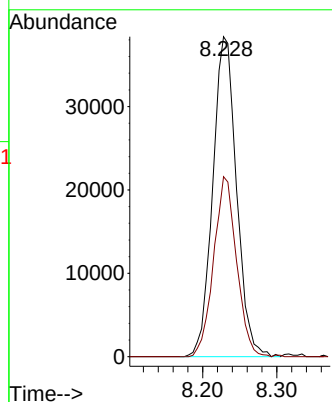
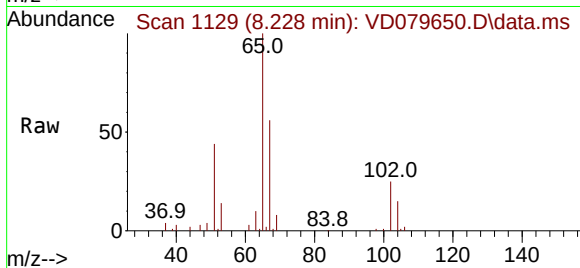
S-848-GI-SO-12.5-13-072624

Tgt Ion: 65 Resp: 85450

Ion Ratio Lower Upper

65 100

67 54.3 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: VD079650.D

Acq: 07 Aug 2024 19:25

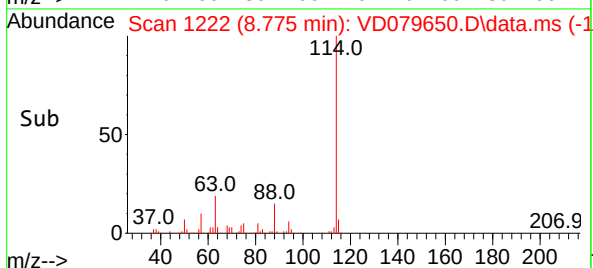
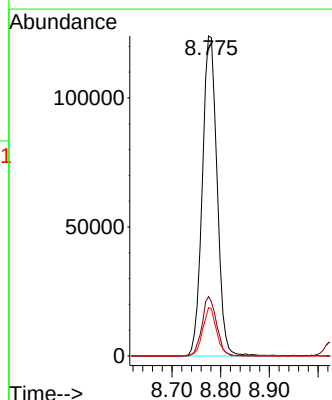
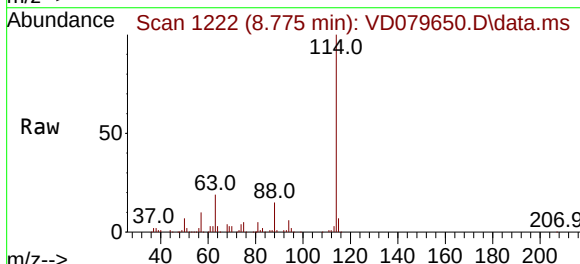
Tgt Ion: 114 Resp: 261037

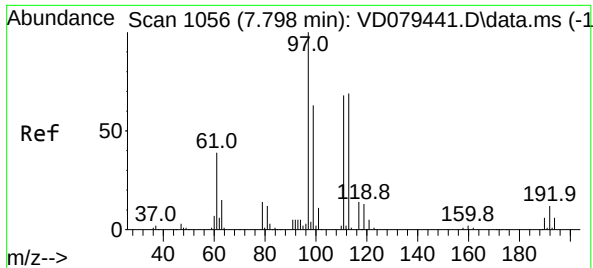
Ion Ratio Lower Upper

114 100

63 18.5 0.0 34.0

88 15.1 0.0 27.2





#35

Dibromofluoromethane

Concen: 53.770 ug/l

RT: 7.805 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VD079650.D

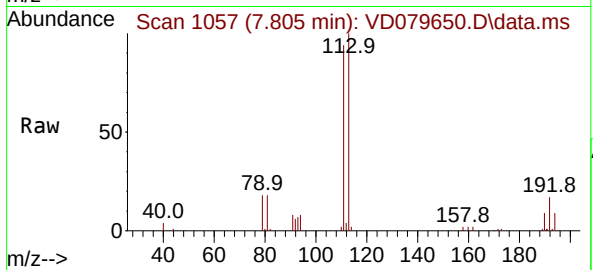
Acq: 07 Aug 2024 19:25

Instrument :

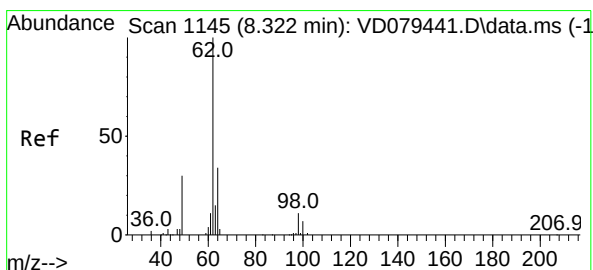
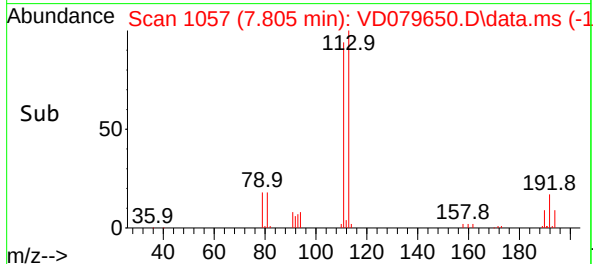
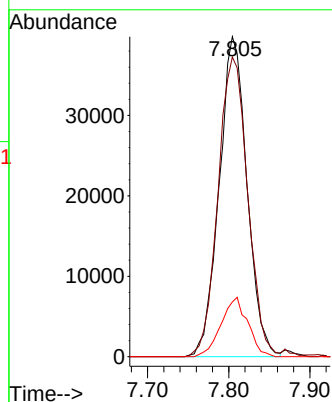
MSVOA_D

ClientSampleId :

S-848-GI-SO-12.5-13-072624



Tgt Ion:	113	Resp:	95002
Ion	Ratio	Lower	Upper
113	100		
111	99.3	84.0	126.0
192	17.8	15.4	23.0



#42

1,2-Dichloroethane

Concen: 2.191 ug/l

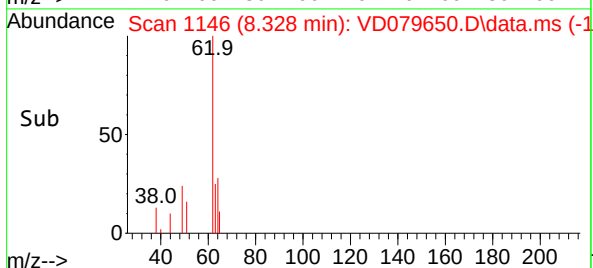
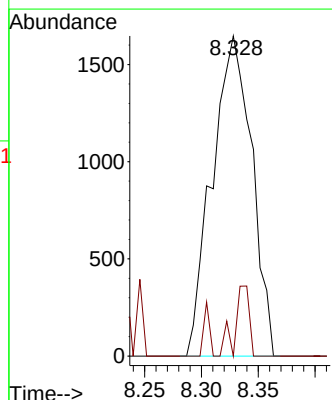
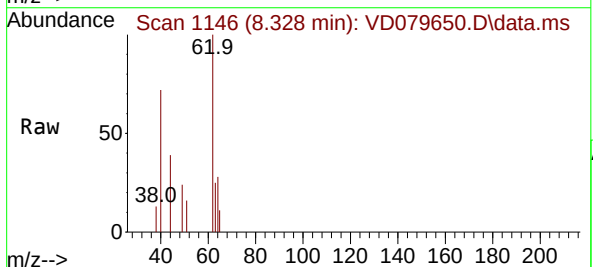
RT: 8.328 min Scan# 1146

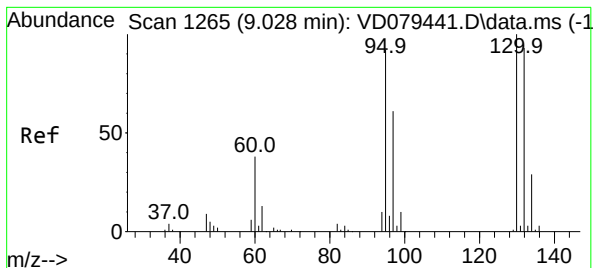
Delta R.T. 0.006 min

Lab File: VD079650.D

Acq: 07 Aug 2024 19:25

Tgt Ion:	62	Resp:	3999
Ion	Ratio	Lower	Upper
62	100		
98	7.9	0.0	25.8





#44

Trichloroethene

Concen: 1900.544 ug/l

RT: 9.028 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD079650.D

Acq: 07 Aug 2024 19:25

Instrument :

MSVOA_D

ClientSampleId :

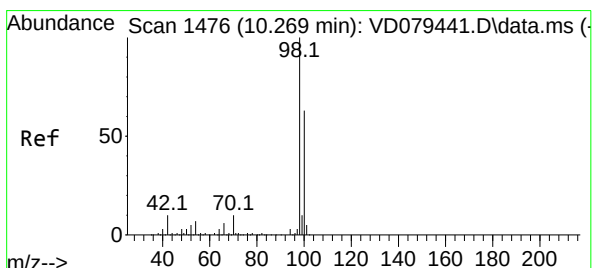
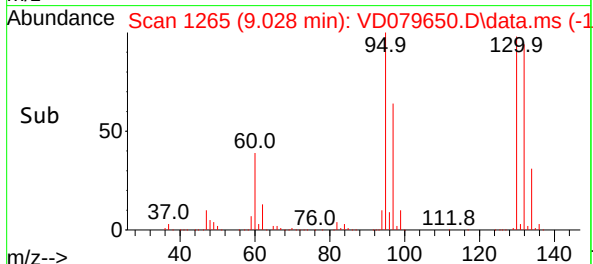
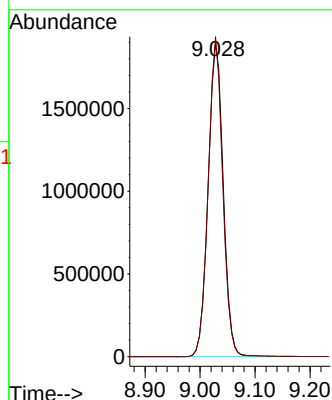
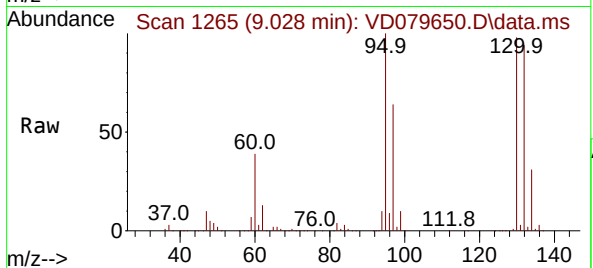
S-848-GI-SO-12.5-13-072624

Tgt Ion:130 Resp: 3623738

Ion Ratio Lower Upper

130 100

95 102.1 0.0 177.8



#50

Toluene-d8

Concen: 43.159 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.006 min

Lab File: VD079650.D

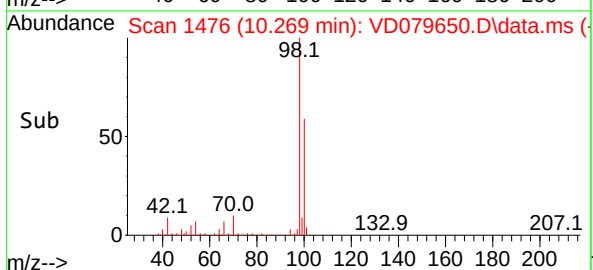
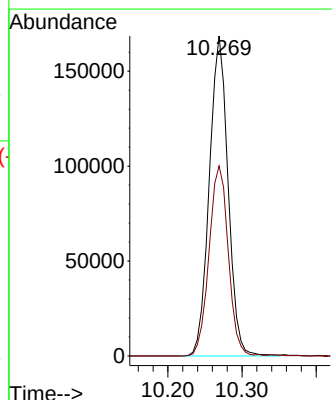
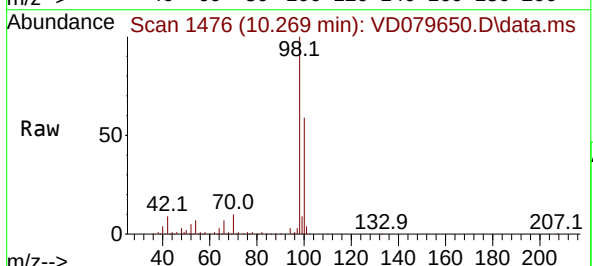
Acq: 07 Aug 2024 19:25

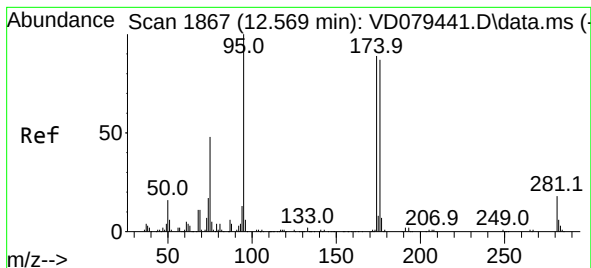
Tgt Ion: 98 Resp: 296123

Ion Ratio Lower Upper

98 100

100 60.9 51.6 77.4

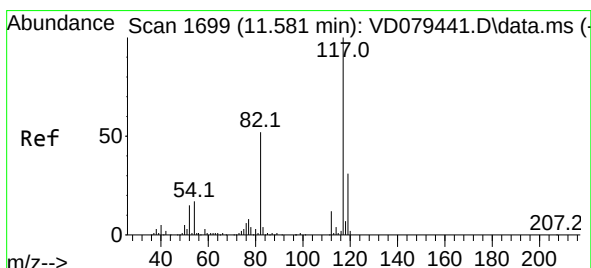
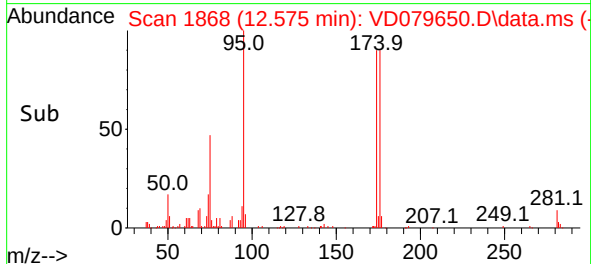
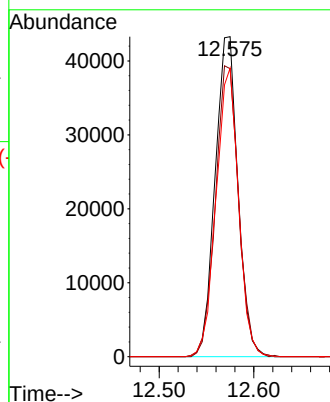
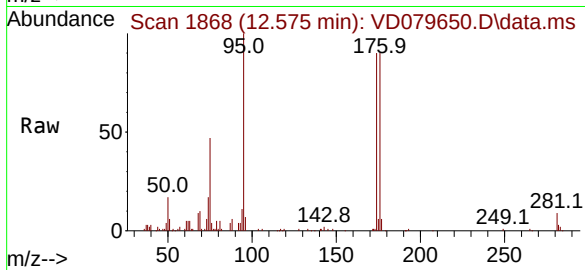




#62
4-Bromofluorobenzene
Concen: 36.554 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD079650.D
Acq: 07 Aug 2024 19:25

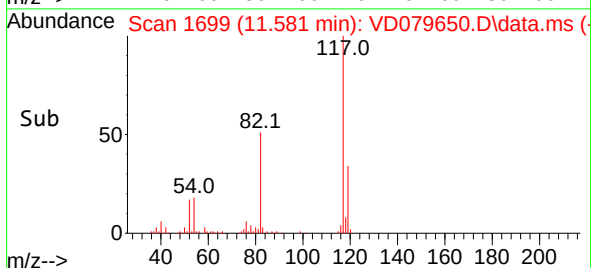
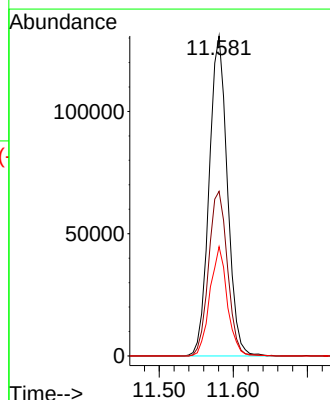
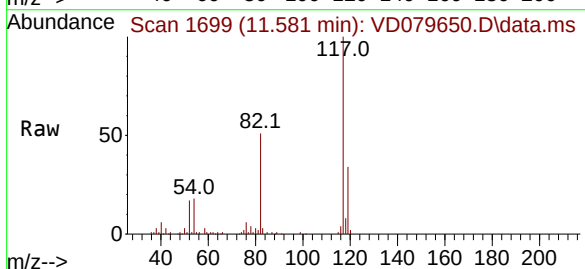
Instrument :
MSVOA_D
ClientSampleId :
S-848-GI-SO-12.5-13-072624

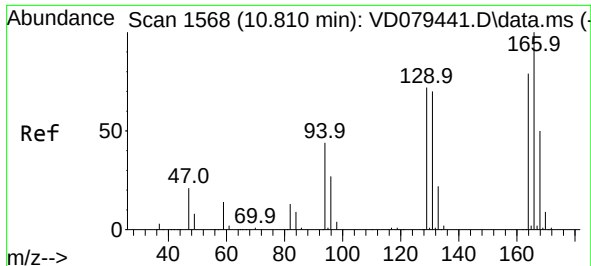
Tgt Ion:	95	Resp:	72577
Ion	Ratio	Lower	Upper
95	100		
174	91.3	0.0	195.4
176	88.7	0.0	192.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD079650.D
Acq: 07 Aug 2024 19:25

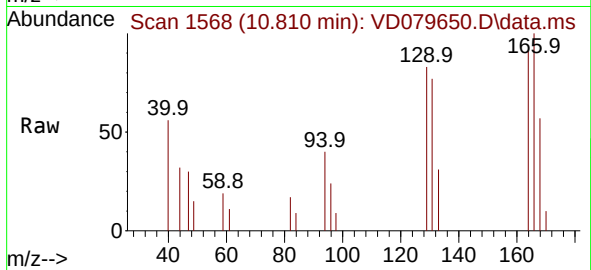
Tgt Ion:	117	Resp:	223469
Ion	Ratio	Lower	Upper
117	100		
82	51.4	39.8	59.6
119	34.1	25.7	38.5



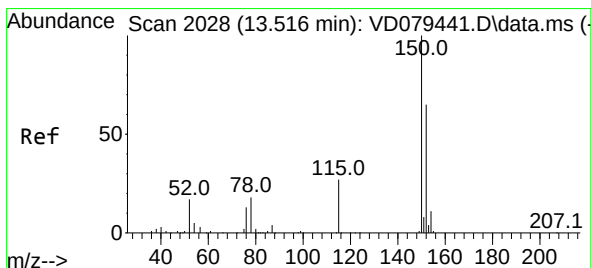
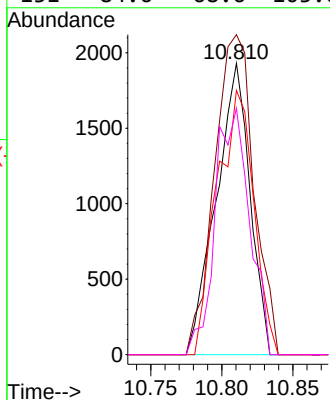
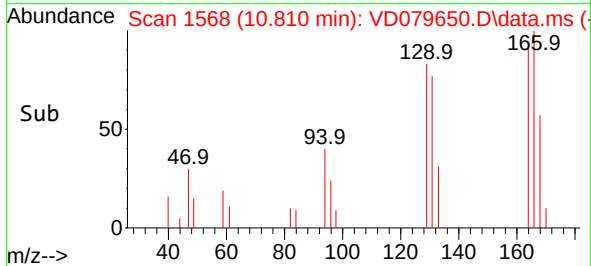


#64
Tetrachloroethene
Concen: 2.118 ug/l
RT: 10.810 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD079650.D
Acq: 07 Aug 2024 19:25

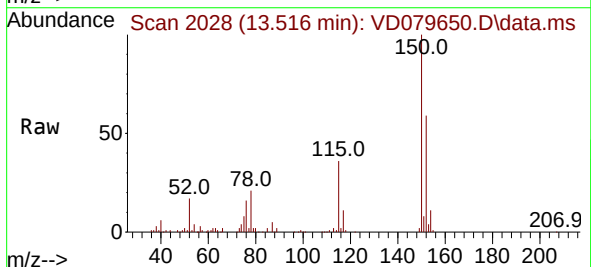
Instrument :
MSVOA_D
ClientSampleId :
S-848-GI-SO-12.5-13-072624



Tgt Ion:164 Resp: 3191
Ion Ratio Lower Upper
164 100
166 109.8 108.6 163.0
129 90.7 74.6 112.0
131 84.6 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: VD079650.D
Acq: 07 Aug 2024 19:25



Tgt Ion:152 Resp: 87584
Ion Ratio Lower Upper
152 100
115 55.8 26.5 79.5
150 159.3 0.0 341.6

