

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100121\
 Data File : VN068781.D
 Acq On : 1 Oct 2021 14:21
 Operator : JC/MD
 Sample : M3915-03 5X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TT101D2-20210921

Quant Time: Oct 02 03:59:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092921W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 29 23:31:35 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

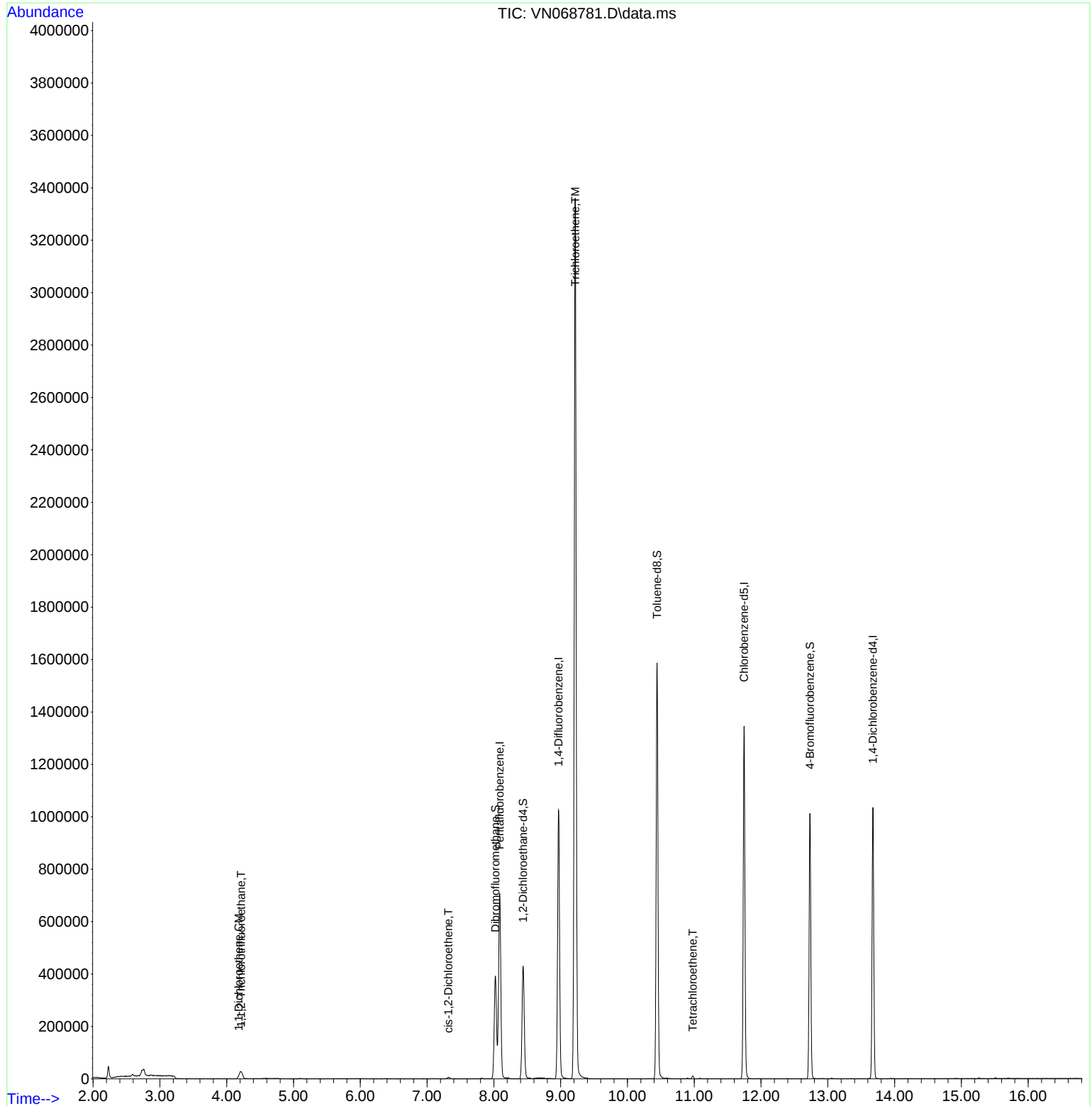
Internal Standards						
1) Pentafluorobenzene	8.088	168	513842	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.968	114	897304	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	747739	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	265747	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	356796	49.835	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	99.680%
35) Dibromofluoromethane	8.024	113	279509	50.135	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	100.260%
50) Toluene-d8	10.443	98	1102075	54.096	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	108.200%
62) 4-Bromofluorobenzene	12.733	95	323820	45.744	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	91.480%
Target Compounds						
						Qvalue
9) 1,1,2-Trichlorotrifluo...	4.213	101	16263	2.886	ug/l	# 61
12) 1,1-Dichloroethene	4.181	96	4748	0.983	ug/l	95
27) cis-1,2-Dichloroethene	7.319	96	2272	0.326	ug/l	63
44) Trichloroethene	9.217	130	1130571	164.828	ug/l	87
64) Tetrachloroethene	10.977	164	2181	0.391	ug/l	96

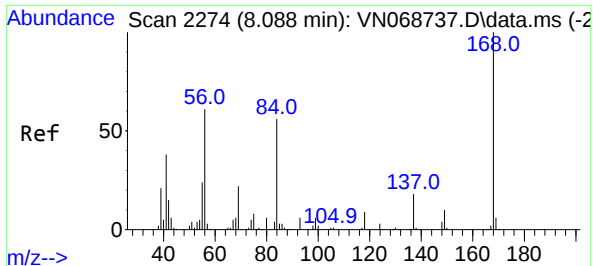
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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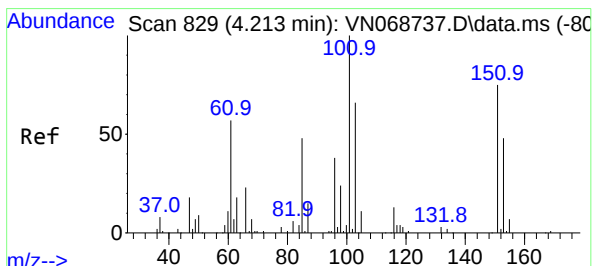
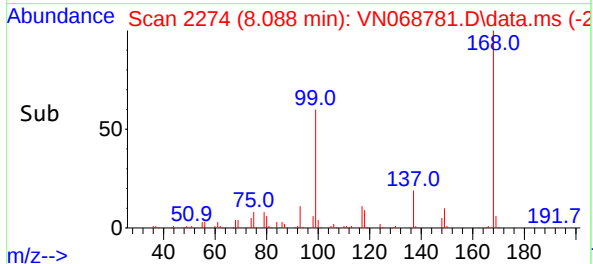
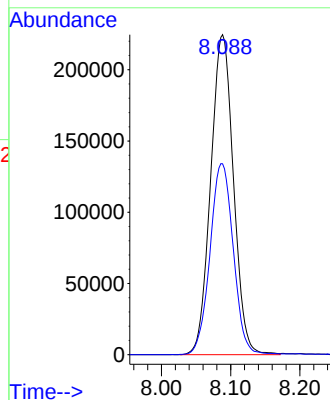
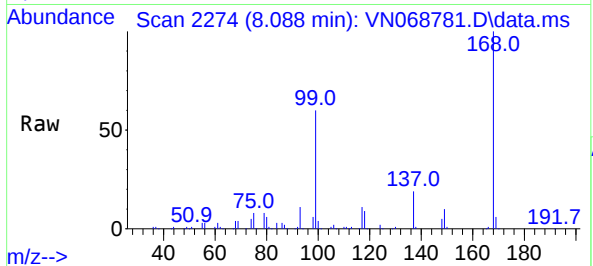




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN068781.D
Acq: 1 Oct 2021 14:21

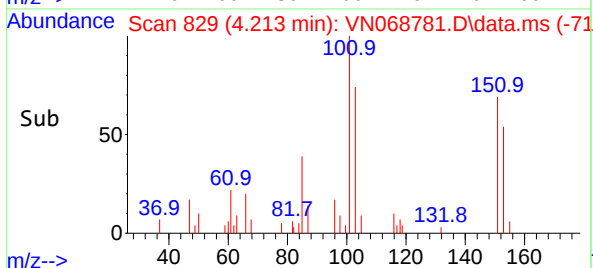
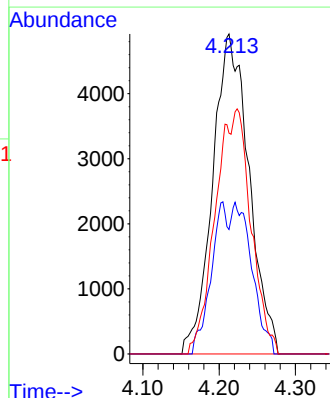
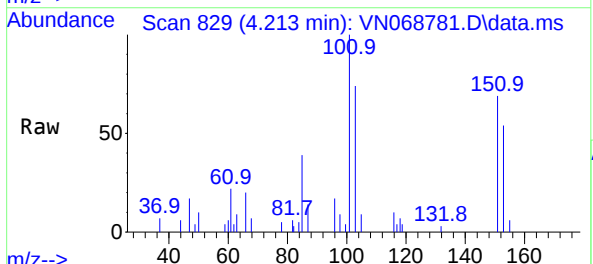
Instrument :
MSVOA_N
ClientSampleId :
TT101D2-20210921

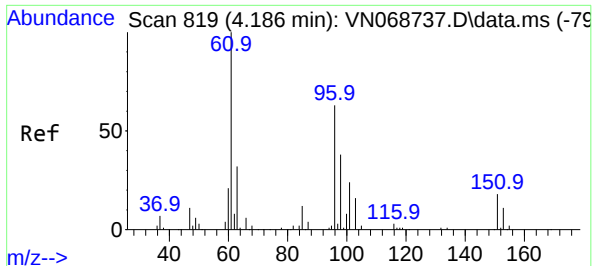
Tgt Ion:168 Resp: 513842
Ion Ratio Lower Upper
168 100
99 59.5 62.9 94.3#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.886 ug/l
RT: 4.213 min Scan# 829
Delta R.T. -0.000 min
Lab File: VN068781.D
Acq: 1 Oct 2021 14:21

Tgt Ion:101 Resp: 16263
Ion Ratio Lower Upper
101 100
85 22.8 39.6 59.4#
151 35.8 54.1 81.1#

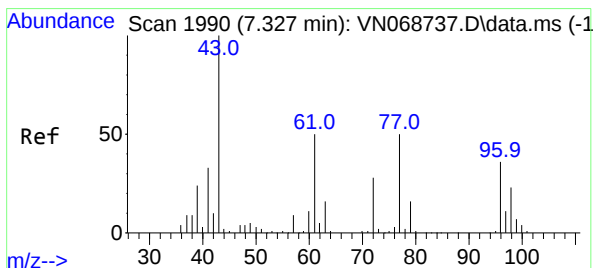
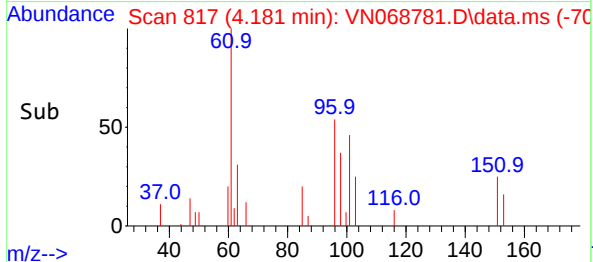
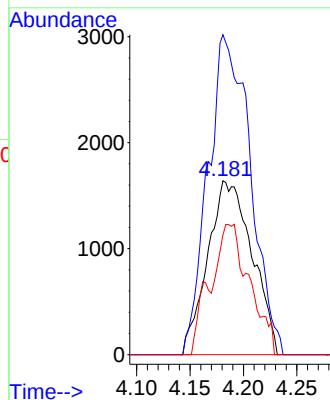
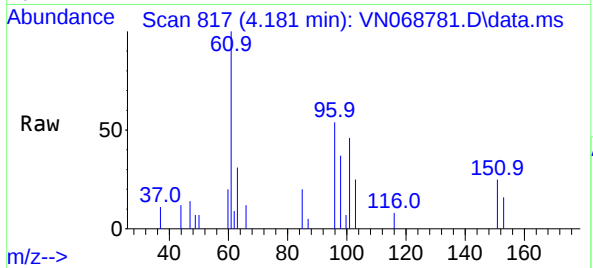




#12
1,1-Dichloroethene
Concen: 0.983 ug/l
RT: 4.181 min Scan# 817
Delta R.T. -0.005 min
Lab File: VN068781.D
Acq: 1 Oct 2021 14:21

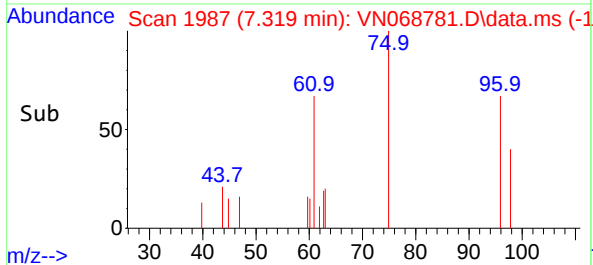
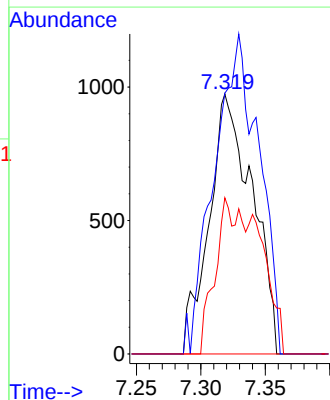
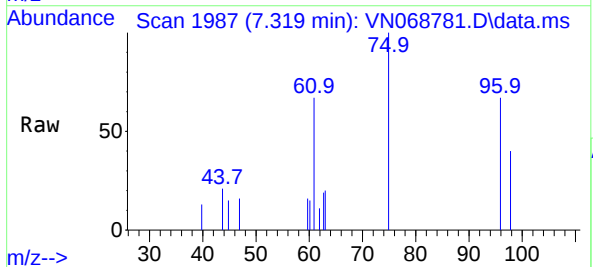
Instrument :
MSVOA_N
ClientSampleId :
TT101D2-20210921

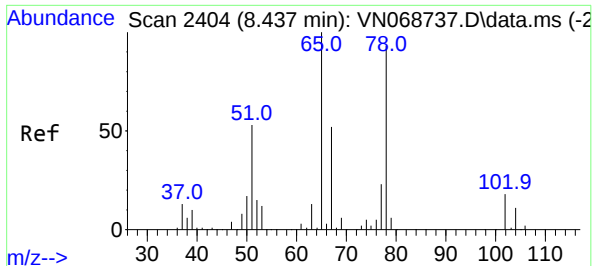
Tgt Ion: 96 Resp: 4748
Ion Ratio Lower Upper
96 100
61 184.0 152.6 229.0
98 68.7 50.9 76.3



#27
cis-1,2-Dichloroethene
Concen: 0.326 ug/l
RT: 7.319 min Scan# 1987
Delta R.T. -0.008 min
Lab File: VN068781.D
Acq: 1 Oct 2021 14:21

Tgt Ion: 96 Resp: 2272
Ion Ratio Lower Upper
96 100
61 127.3 0.0 338.8
98 23.6 0.0 129.8



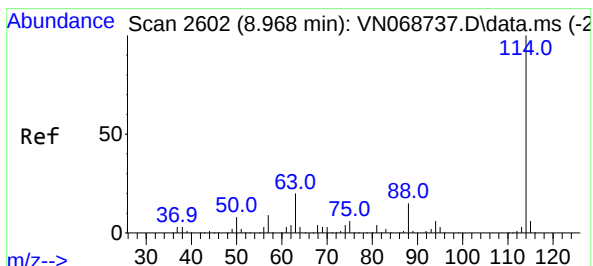
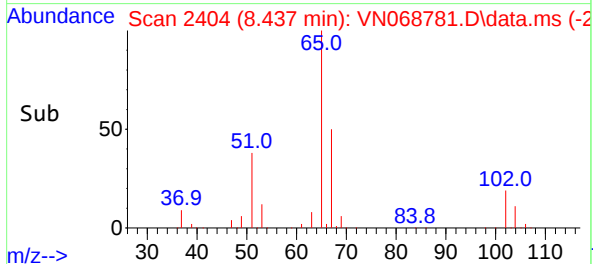
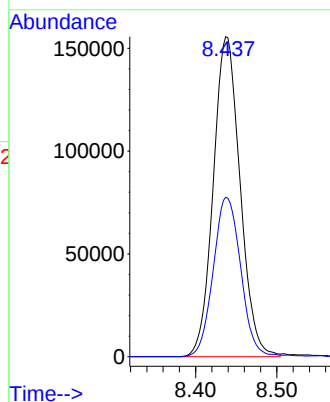
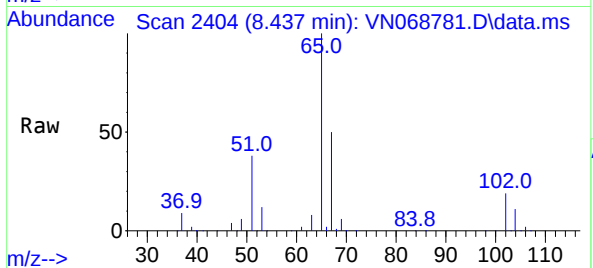


#33

1,2-Dichloroethane-d4
Concen: 49.835 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. -0.000 min
Lab File: VN068781.D
Acq: 1 Oct 2021 14:21

Instrument :
MSVOA_N
ClientSampleId :
TT101D2-20210921

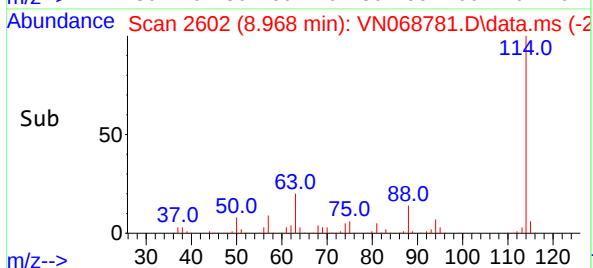
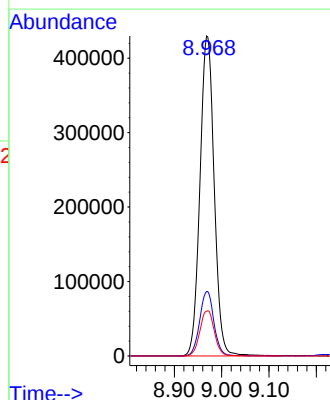
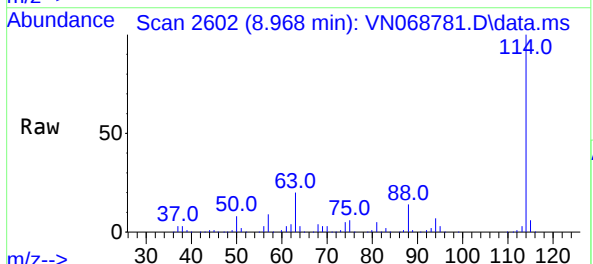
Tgt Ion: 65 Resp: 356796
Ion Ratio Lower Upper
65 100
67 51.0 0.0 98.6

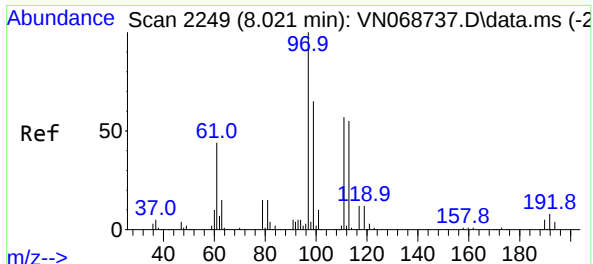


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. 0.000 min
Lab File: VN068781.D
Acq: 1 Oct 2021 14:21

Tgt Ion: 114 Resp: 897304
Ion Ratio Lower Upper
114 100
63 20.1 0.0 49.0
88 14.0 0.0 36.6

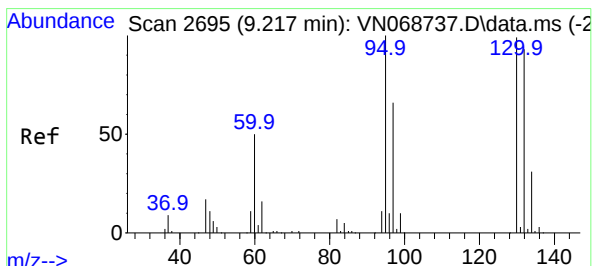
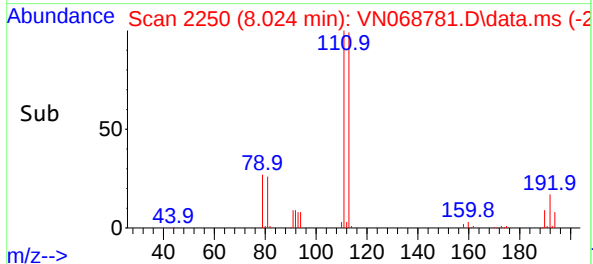
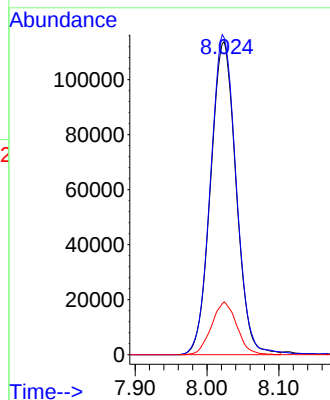
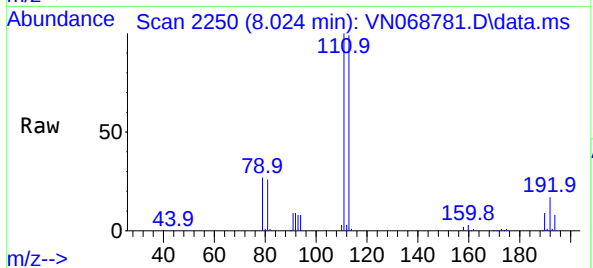




#35
Dibromofluoromethane
Concen: 50.135 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN068781.D
Acq: 1 Oct 2021 14:21

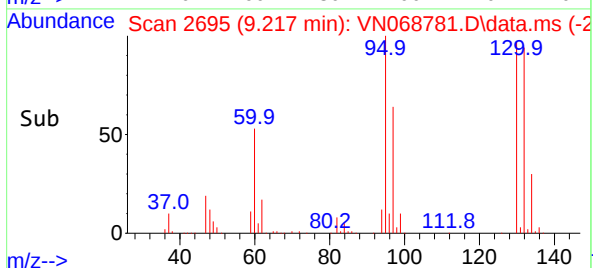
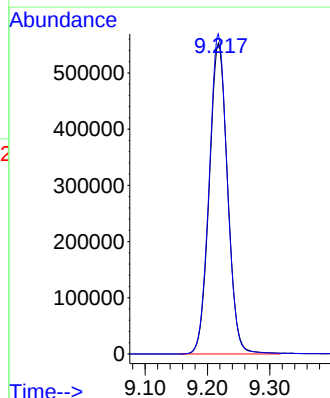
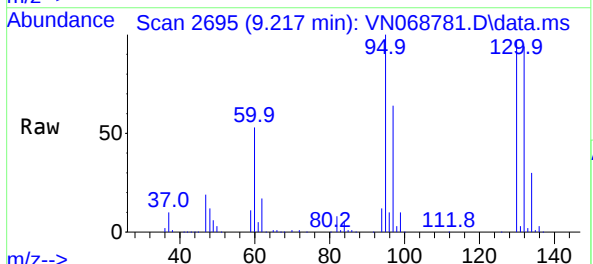
Instrument :
MSVOA_N
ClientSampleId :
TT101D2-20210921

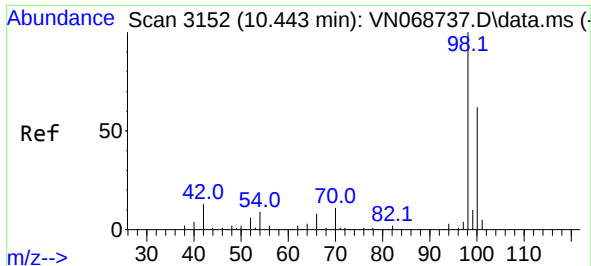
Tgt Ion:113 Resp: 279509
Ion Ratio Lower Upper
113 100
111 102.8 83.8 125.8
192 16.7 13.4 20.0



#44
Trichloroethene
Concen: 164.828 ug/l
RT: 9.217 min Scan# 2695
Delta R.T. 0.000 min
Lab File: VN068781.D
Acq: 1 Oct 2021 14:21

Tgt Ion:130 Resp: 1130571
Ion Ratio Lower Upper
130 100
95 103.0 0.0 234.4

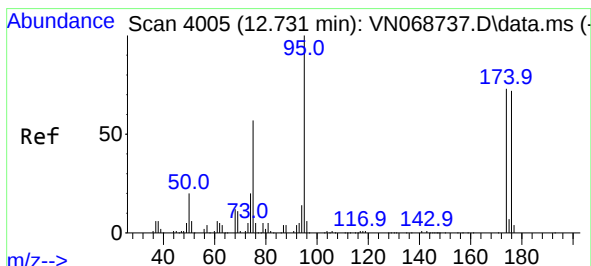
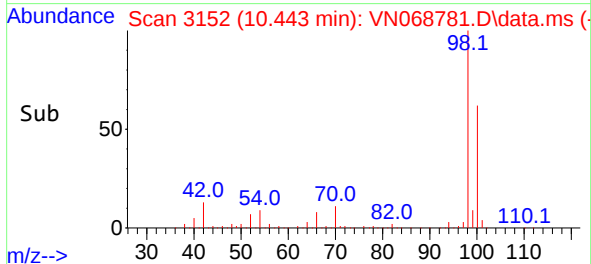
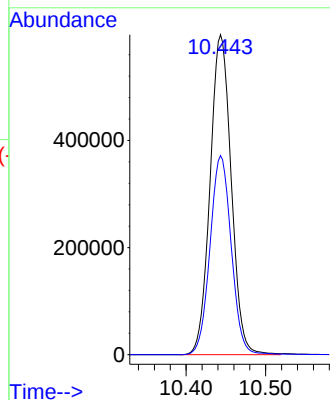
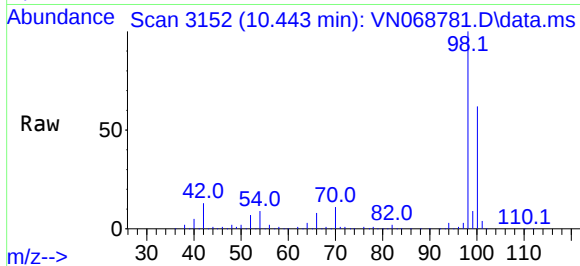




#50
Toluene-d8
Concen: 54.096 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN068781.D
Acq: 1 Oct 2021 14:21

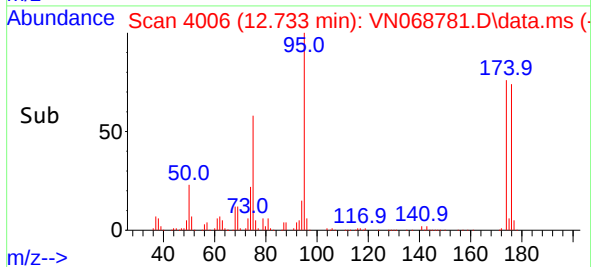
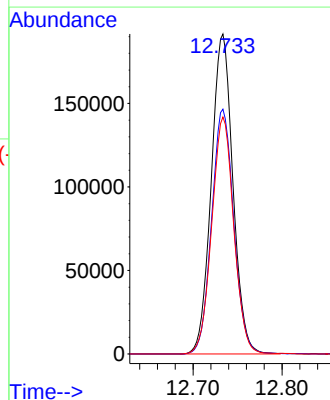
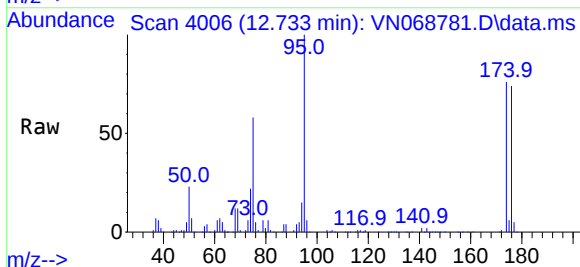
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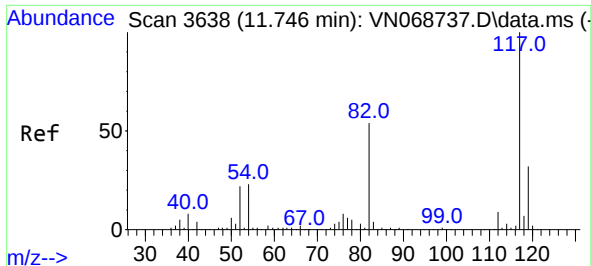
Tgt Ion: 98 Resp: 1102075
Ion Ratio Lower Upper
98 100
100 62.6 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 45.744 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.002 min
Lab File: VN068781.D
Acq: 1 Oct 2021 14:21

Tgt Ion: 95 Resp: 323820
Ion Ratio Lower Upper
95 100
174 78.2 0.0 122.0
176 75.2 0.0 117.6

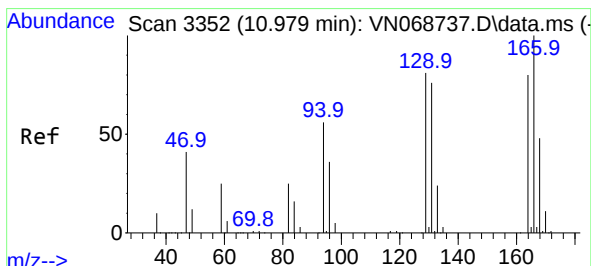
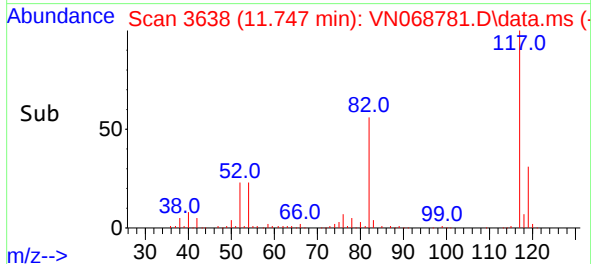
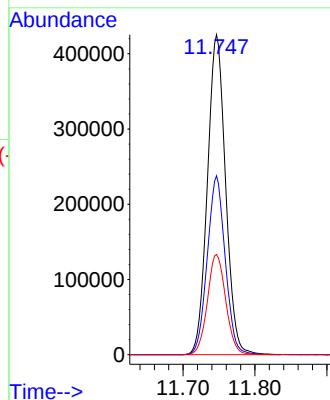
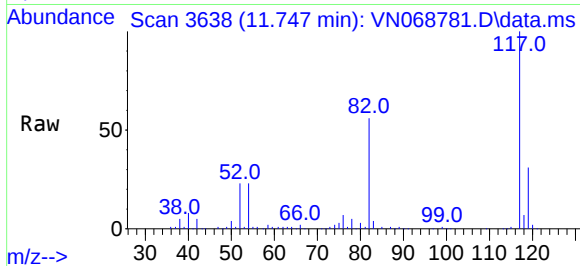




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.001 min
Lab File: VN068781.D
Acq: 1 Oct 2021 14:21

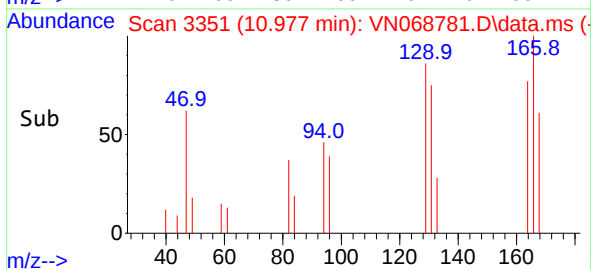
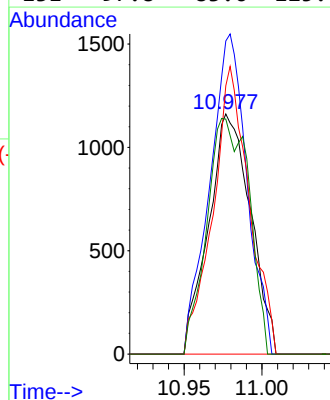
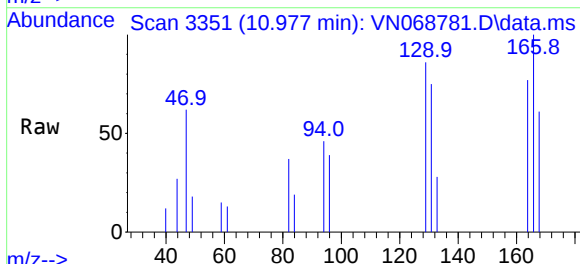
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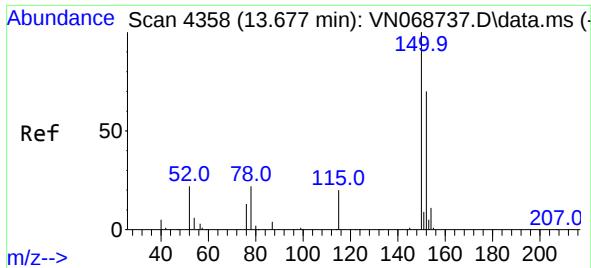
Tgt Ion:117 Resp: 747739
Ion Ratio Lower Upper
117 100
82 55.9 53.1 79.7
119 31.3 25.5 38.3



#64
Tetrachloroethene
Concen: 0.391 ug/l
RT: 10.977 min Scan# 3351
Delta R.T. -0.002 min
Lab File: VN068781.D
Acq: 1 Oct 2021 14:21

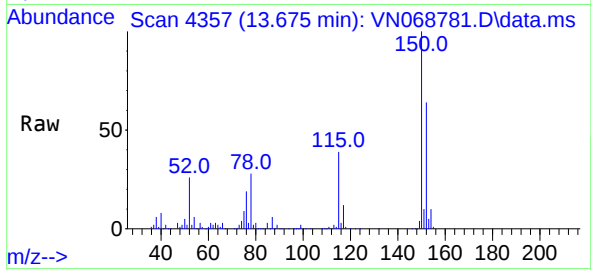
Tgt Ion:164 Resp: 2181
Ion Ratio Lower Upper
164 100
166 130.4 102.1 153.1
129 111.7 86.9 130.3
131 97.8 83.6 125.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.675 min Scan# 4357
 Delta R.T. -0.002 min
 Lab File: VN068781.D
 Acq: 1 Oct 2021 14:21

Instrument :
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 ClientSampleId :
 TT101D2-20210921



Tgt Ion:152 Resp: 265747

Ion	Ratio	Lower	Upper
152	100		
115	60.4	36.1	108.5
150	157.6	0.0	351.8

