

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031323\
 Data File : VN076966.D
 Acq On : 13 Mar 2023 16:56
 Operator : JC\MD
 Sample : 01880-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TT149S1-20230309

Quant Time: Mar 14 07:04:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031023W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 10 13:47:39 2023
 Response via : Initial Calibration

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

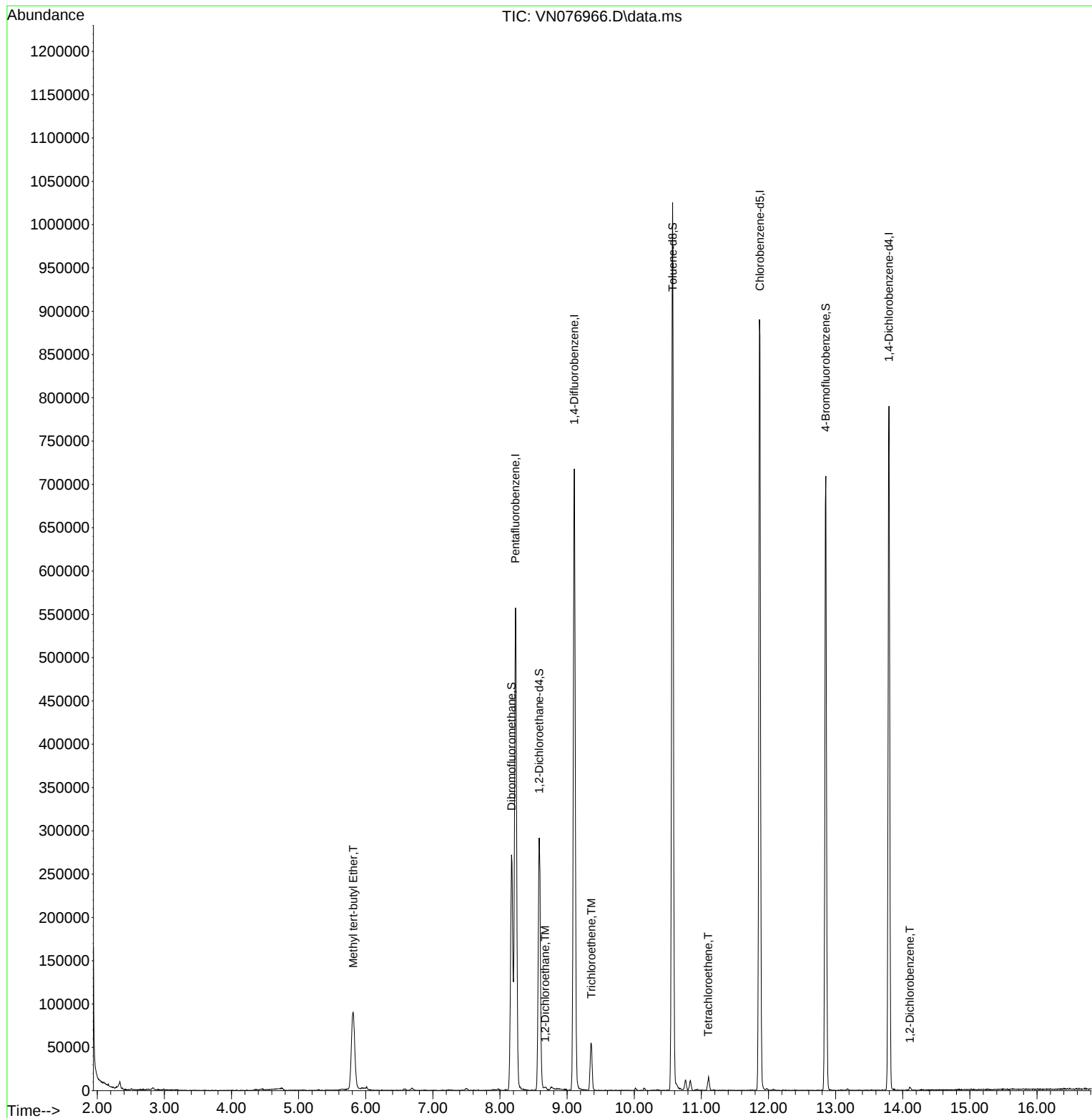
Internal Standards						
1) Pentafluorobenzene	8.230	168	380878	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	613888	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	522047	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	207724	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	269358	47.391	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.780%
35) Dibromofluoromethane	8.172	113	190974	46.677	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.360%
50) Toluene-d8	10.571	98	716466	47.515	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.040%
62) 4-Bromofluorobenzene	12.854	95	252292	45.744	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.480%
Target Compounds						
					Qvalue	
19) Methyl tert-butyl Ether	5.813	73	156177	10.433	ug/l	97
42) 1,2-Dichloroethane	8.672	62	3570	0.491	ug/l	75
44) Trichloroethene	9.360	130	20081	4.166	ug/l	96
64) Tetrachloroethene	11.101	164	3212	0.760	ug/l	94
91) 1,2-Dichlorobenzene	14.107	146	1840	0.243	ug/l	94

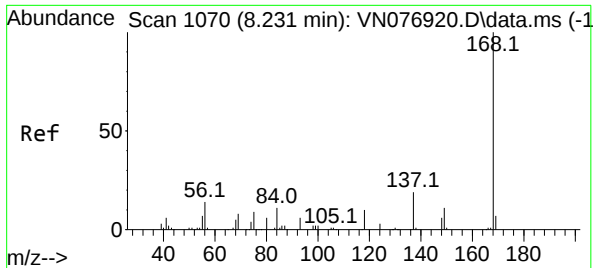
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

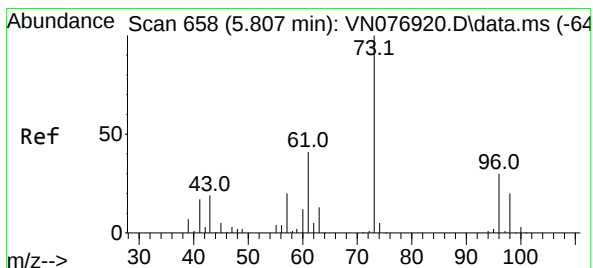
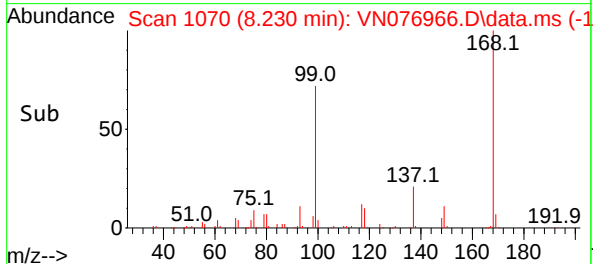
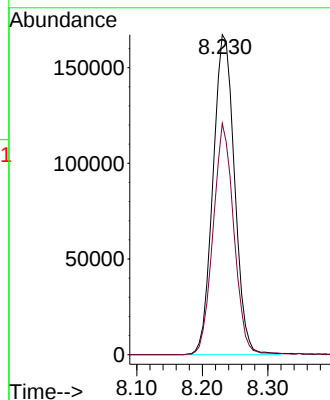
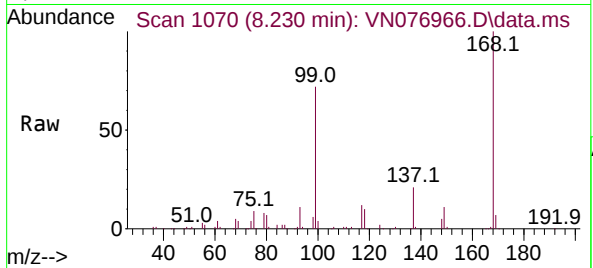




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1070
Delta R.T. -0.001 min
Lab File: VN076966.D
Acq: 13 Mar 2023 16:56

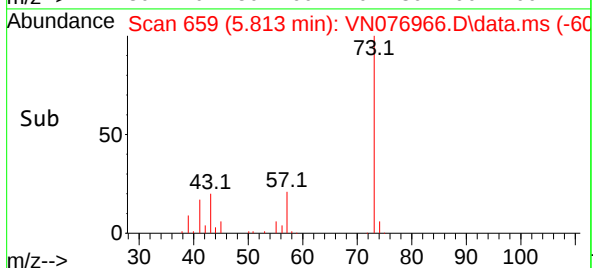
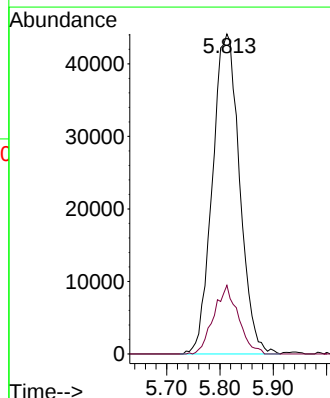
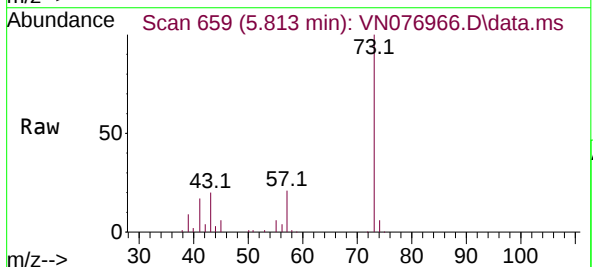
Instrument :
MSVOA_N
ClientSampleId :
TT149S1-20230309

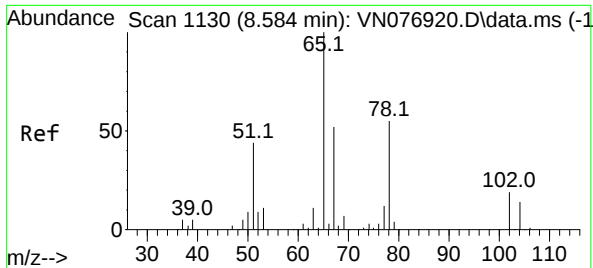
Tgt Ion:168 Resp: 380878
Ion Ratio Lower Upper
168 100
99 72.3 48.6 73.0



#19
Methyl tert-butyl Ether
Concen: 10.433 ug/l
RT: 5.813 min Scan# 659
Delta R.T. 0.006 min
Lab File: VN076966.D
Acq: 13 Mar 2023 16:56

Tgt Ion: 73 Resp: 156177
Ion Ratio Lower Upper
73 100
57 21.5 16.1 24.1





#33

1,2-Dichloroethane-d4

Concen: 47.391 ug/l

RT: 8.583 min Scan# 1130

Delta R.T. -0.001 min

Lab File: VN076966.D

Acq: 13 Mar 2023 16:56

Instrument :

MSVOA_N

ClientSampleId :

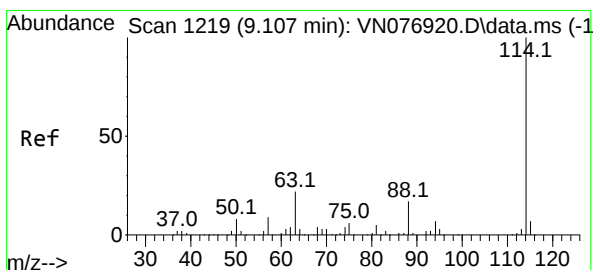
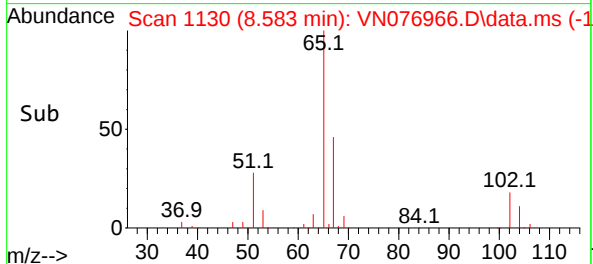
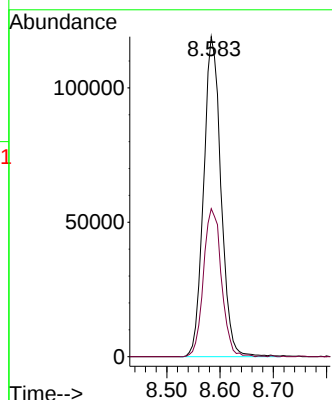
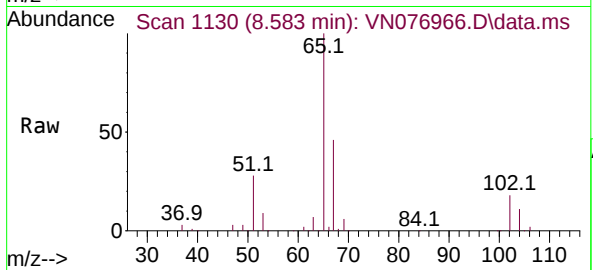
TT149S1-20230309

Tgt Ion: 65 Resp: 269358

Ion Ratio Lower Upper

65 100

67 47.7 0.0 107.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VN076966.D

Acq: 13 Mar 2023 16:56

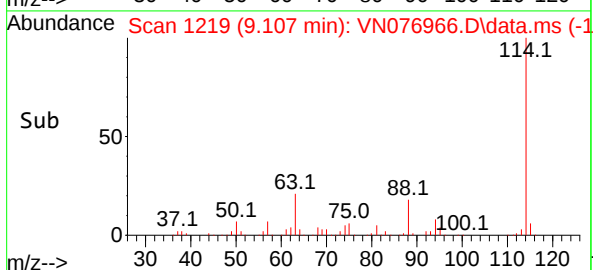
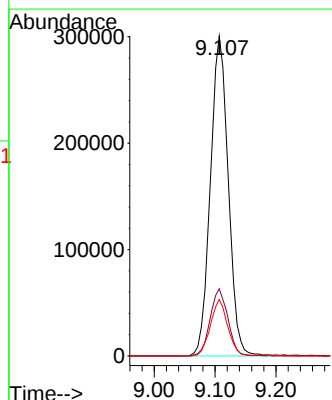
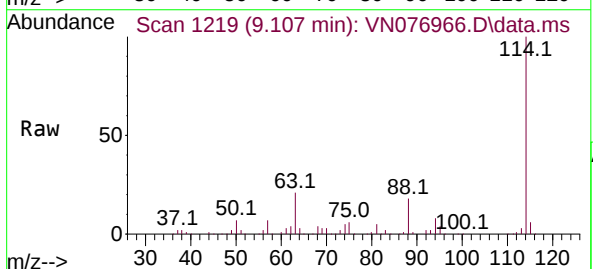
Tgt Ion: 114 Resp: 613888

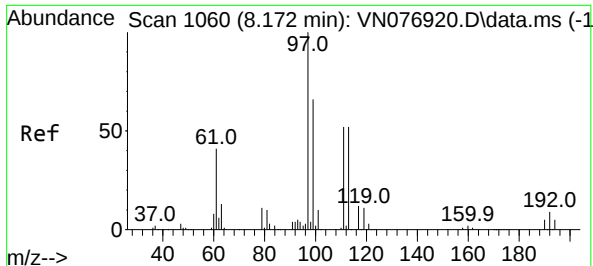
Ion Ratio Lower Upper

114 100

63 21.0 0.0 36.6

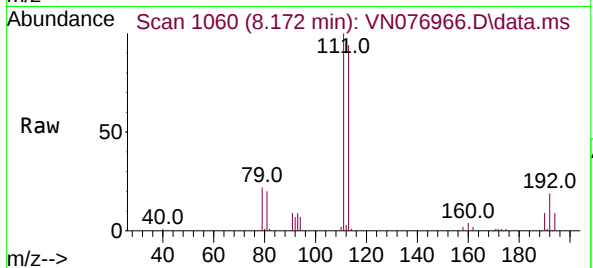
88 17.6 0.0 28.6



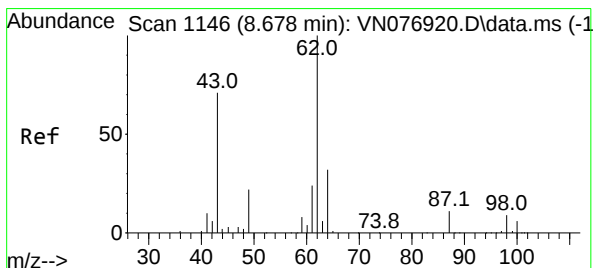
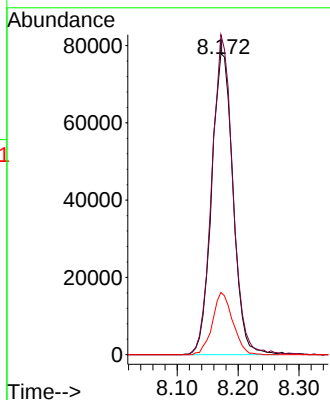
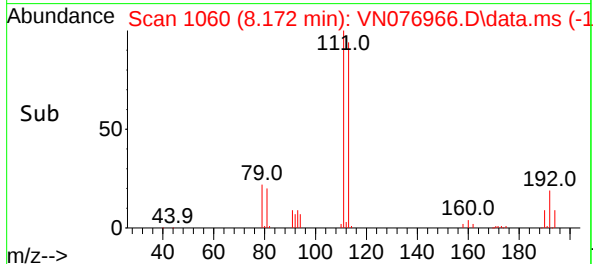


#35
Dibromofluoromethane
Concen: 46.677 ug/l
RT: 8.172 min Scan# 1109
Delta R.T. -0.000 min
Lab File: VN076966.D
Acq: 13 Mar 2023 16:56

Instrument :
MSVOA_N
ClientSampleId :
TT149S1-20230309

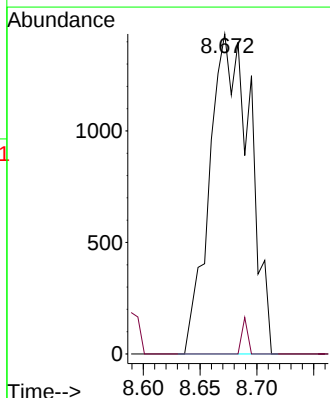
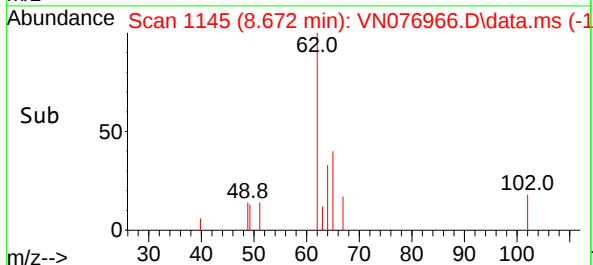
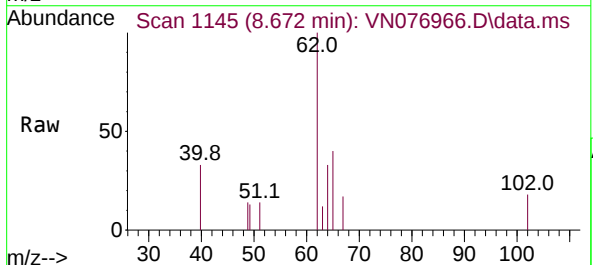


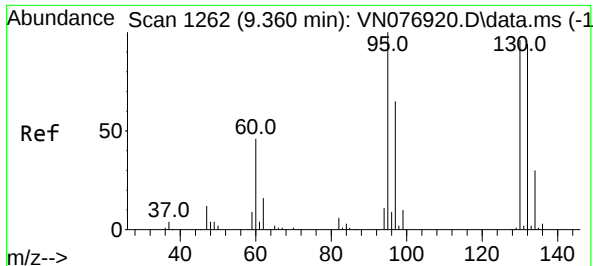
Tgt Ion:113 Resp: 190974
Ion Ratio Lower Upper
113 100
111 103.7 81.8 122.8
192 19.5 13.9 20.9



#42
1,2-Dichloroethane
Concen: 0.491 ug/l
RT: 8.672 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN076966.D
Acq: 13 Mar 2023 16:56

Tgt Ion: 62 Resp: 3570
Ion Ratio Lower Upper
62 100
98 1.6 0.0 21.8

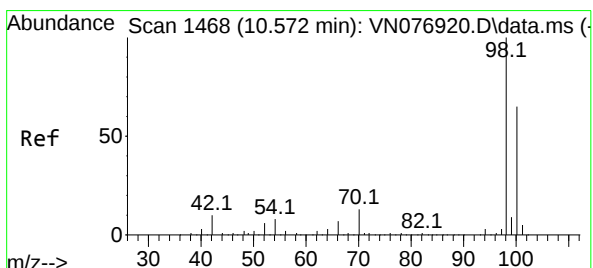
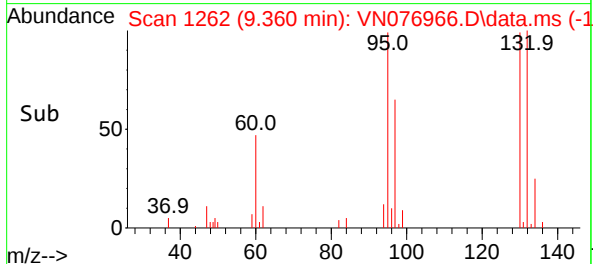
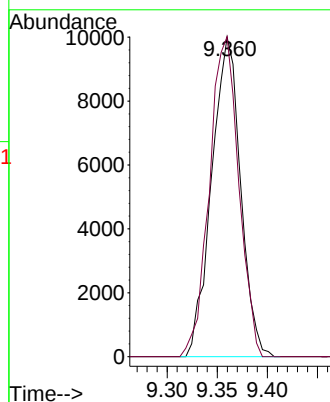
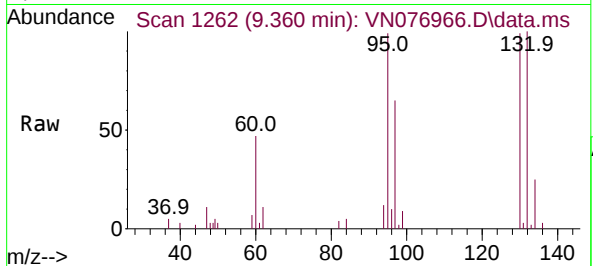




#44
Trichloroethene
Concen: 4.166 ug/l
RT: 9.360 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN076966.D
Acq: 13 Mar 2023 16:56

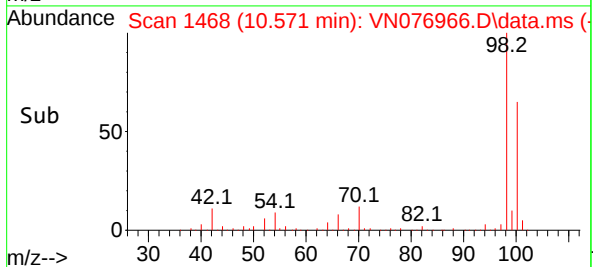
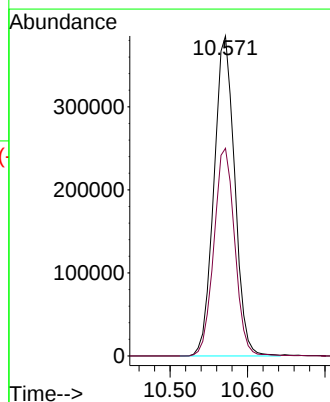
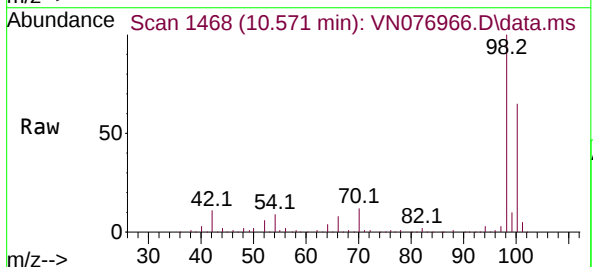
Instrument :
MSVOA_N
ClientSampleId :
TT149S1-20230309

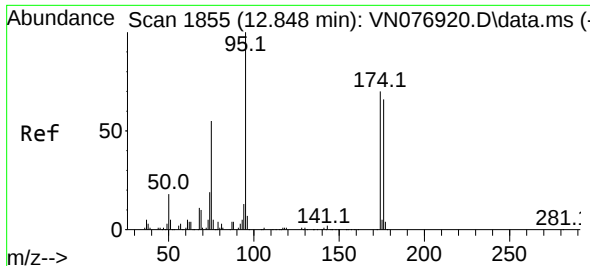
Tgt Ion:130 Resp: 20081
Ion Ratio Lower Upper
130 100
95 100.1 0.0 208.6



#50
Toluene-d8
Concen: 47.515 ug/l
RT: 10.571 min Scan# 1468
Delta R.T. -0.001 min
Lab File: VN076966.D
Acq: 13 Mar 2023 16:56

Tgt Ion: 98 Resp: 716466
Ion Ratio Lower Upper
98 100
100 65.3 52.8 79.2

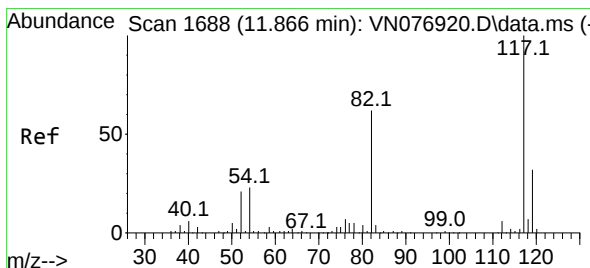
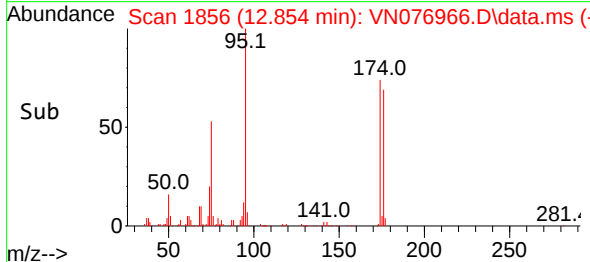
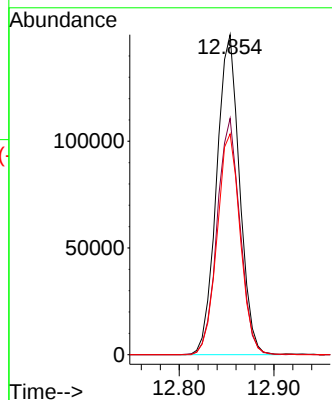
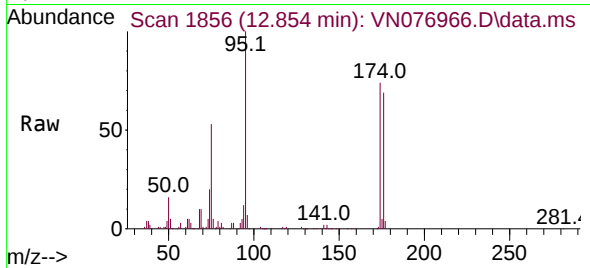




#62
4-Bromofluorobenzene
Concen: 45.744 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN076966.D
Acq: 13 Mar 2023 16:56

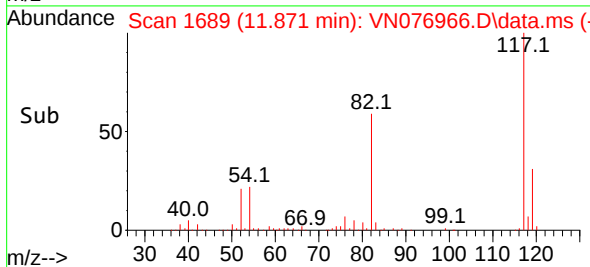
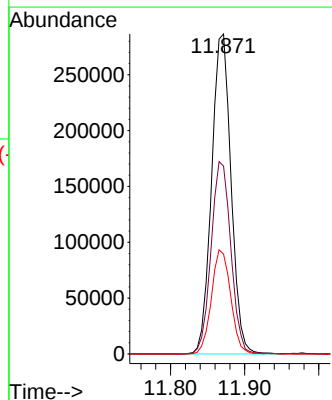
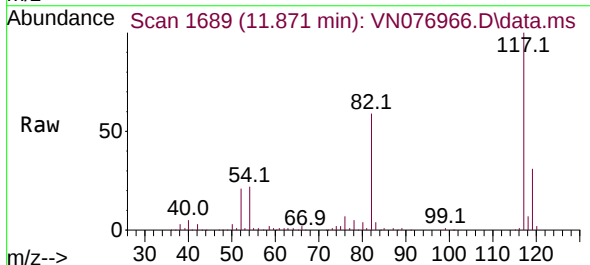
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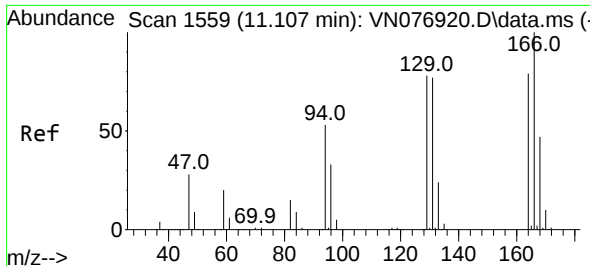
Tgt Ion: 95 Resp: 252292
Ion Ratio Lower Upper
95 100
174 73.4 0.0 162.4
176 69.6 0.0 157.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1689
Delta R.T. 0.005 min
Lab File: VN076966.D
Acq: 13 Mar 2023 16:56

Tgt Ion: 117 Resp: 522047
Ion Ratio Lower Upper
117 100
82 58.7 43.5 65.3
119 31.2 25.5 38.3

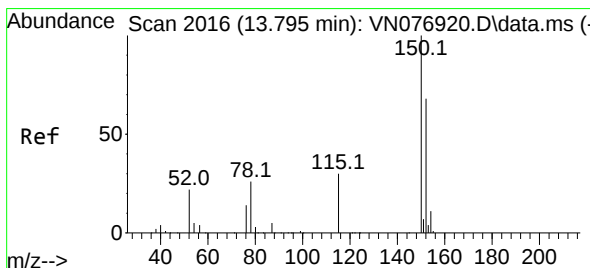
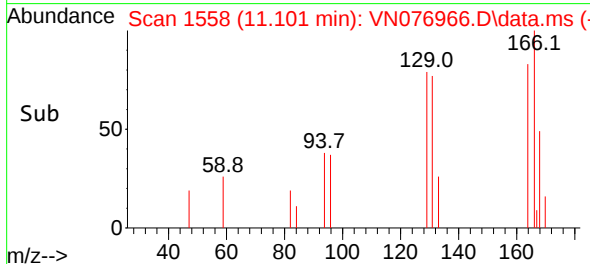
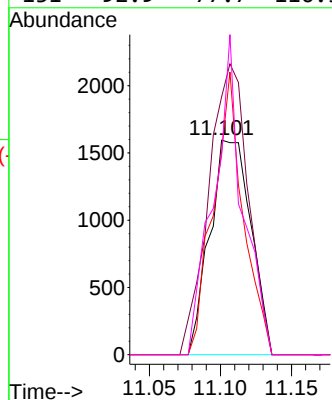
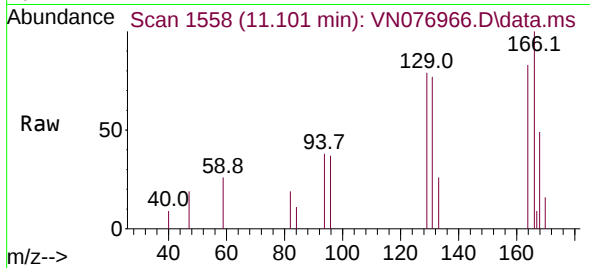




#64
Tetrachloroethene
Concen: 0.760 ug/l
RT: 11.101 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN076966.D
Acq: 13 Mar 2023 16:56

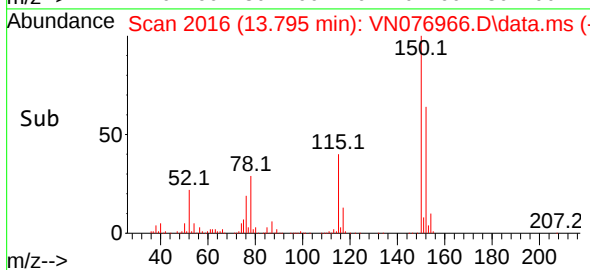
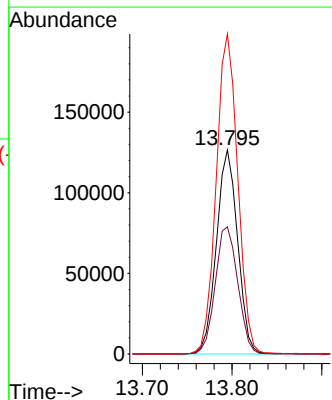
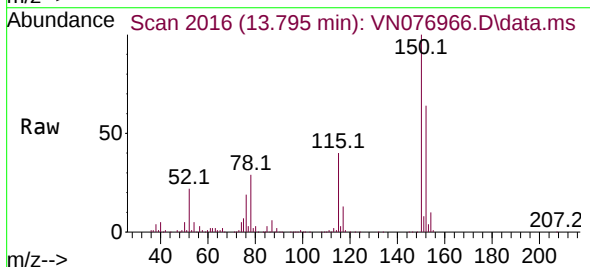
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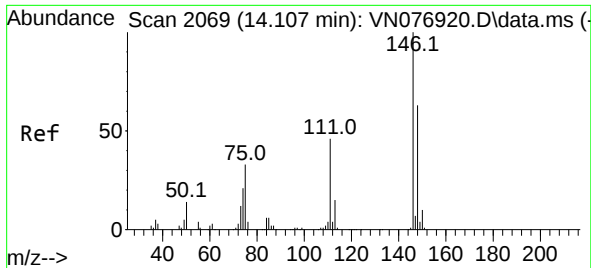
Tgt Ion:164 Resp: 3212
Ion Ratio Lower Upper
164 100
166 120.2 102.7 154.1
129 94.5 81.5 122.3
131 92.9 77.7 116.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN076966.D
Acq: 13 Mar 2023 16:56

Tgt Ion:152 Resp: 207724
Ion Ratio Lower Upper
152 100
115 66.2 30.3 90.9
150 159.4 0.0 353.6





#91

1,2-Dichlorobenzene

Concen: 0.243 ug/l

RT: 14.107 min Scan# 2069

Delta R.T. -0.000 min

Lab File: VN076966.D

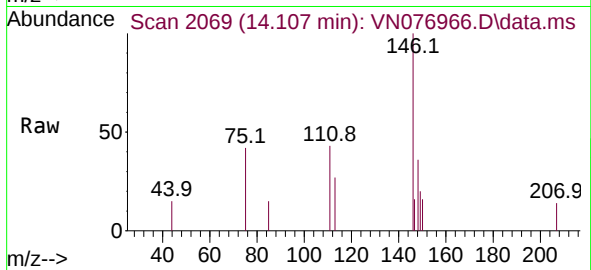
Acq: 13 Mar 2023 16:56

Instrument :

MSVOA_N

ClientSampleId :

TT149S1-20230309



Tgt Ion:	146	Resp:	1840
Ion	Ratio	Lower	Upper
146	100		
111	33.6	21.4	64.2
148	64.0	32.0	96.0

