

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021722\
 Data File : VN070976.D
 Acq On : 17 Feb 2022 13:49
 Operator : JC\MD
 Sample : N1581-24 40X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DUP01-20220215

Quant Time: Feb 18 00:44:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021522W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 16 07:52:42 2022
 Response via : Initial Calibration

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

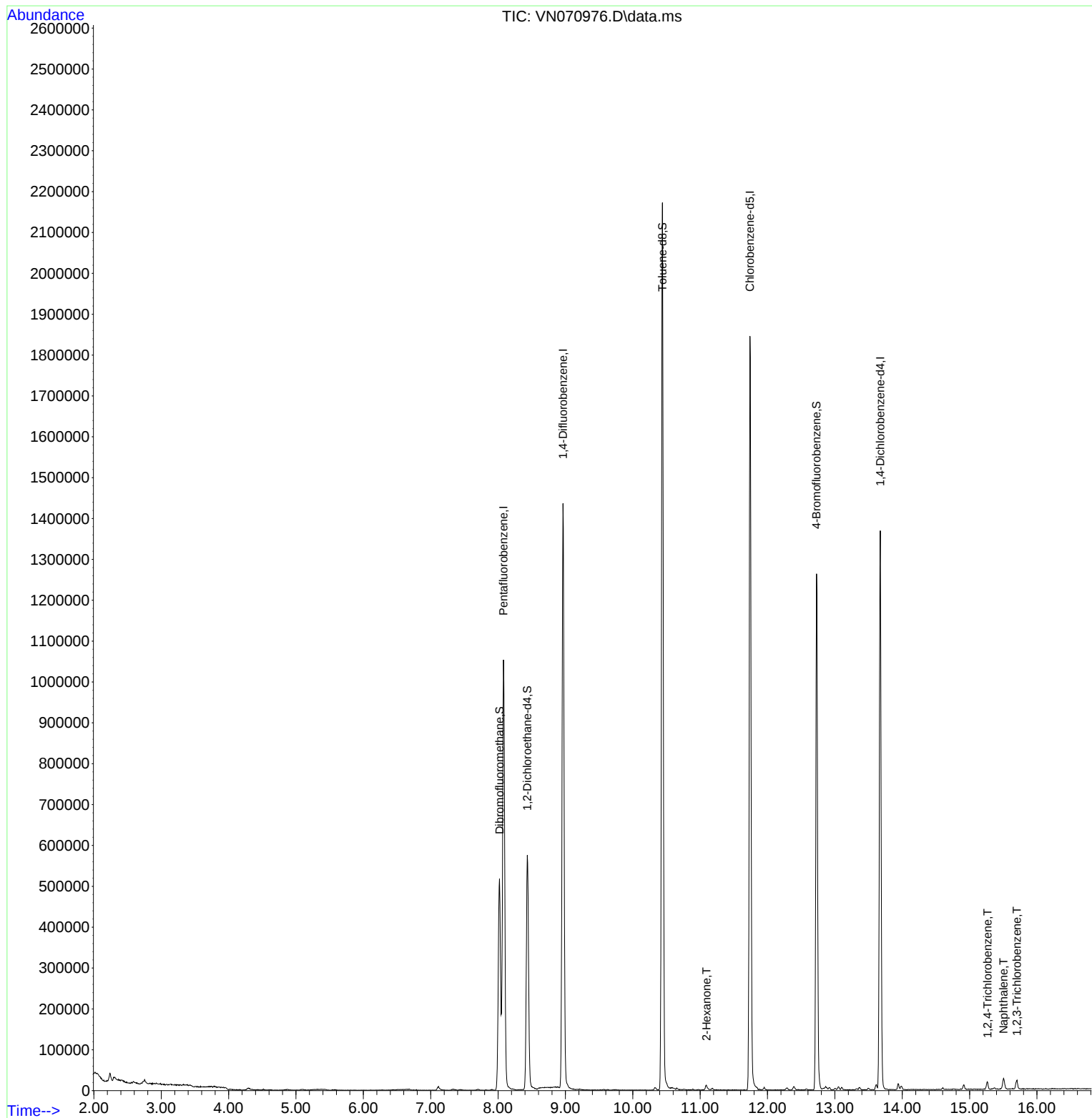
Internal Standards						
1) Pentafluorobenzene	8.081	168	819654	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1284383	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1127323	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	399057	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	483071	51.593	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	103.180%
35) Dibromofluoromethane	8.022	113	382052	50.010	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	100.020%
50) Toluene-d8	10.439	98	1521916	49.607	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	99.220%
62) 4-Bromofluorobenzene	12.727	95	448755	40.921	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	81.840%
Target Compounds						
					Qvalue	
59) 2-Hexanone	11.092	43	10233	1.156	ug/l	99
93) 1,2,4-Trichlorobenzene	15.268	180	6705	2.875	ug/l	99
95) Naphthalene	15.504	128	27485	6.376	ug/l	99
96) 1,2,3-Trichlorobenzene	15.704	180	9377	3.831	ug/l	94

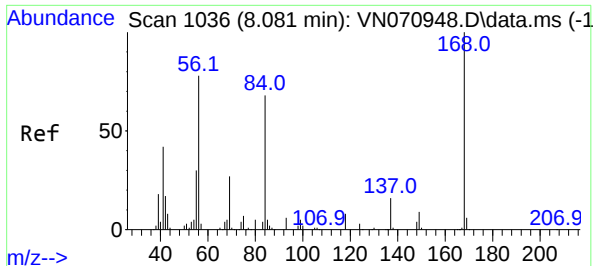
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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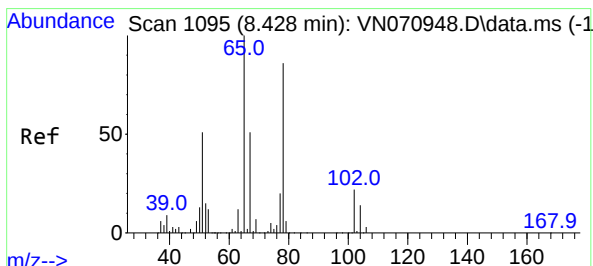
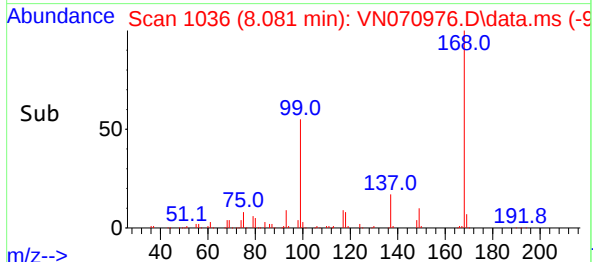
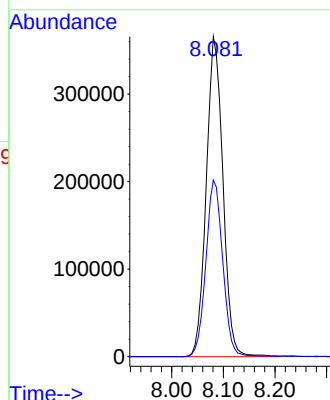
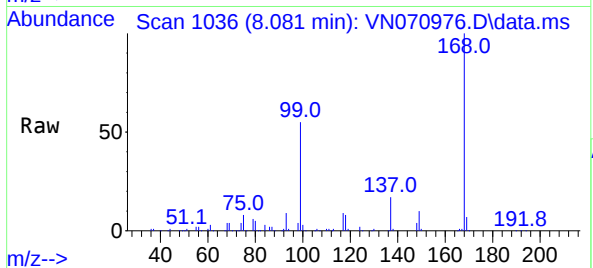




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN070976.D
Acq: 17 Feb 2022 13:49

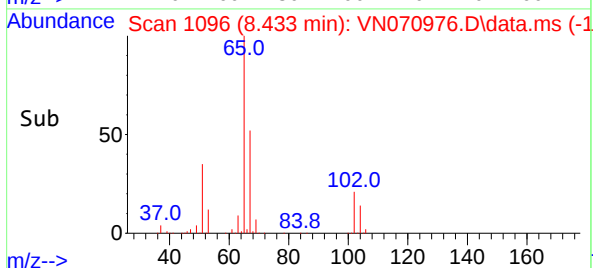
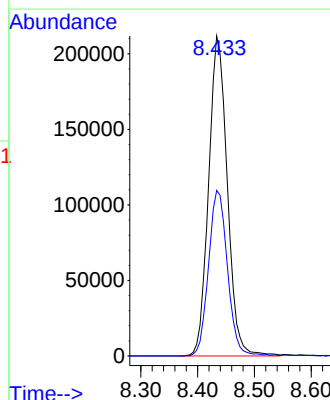
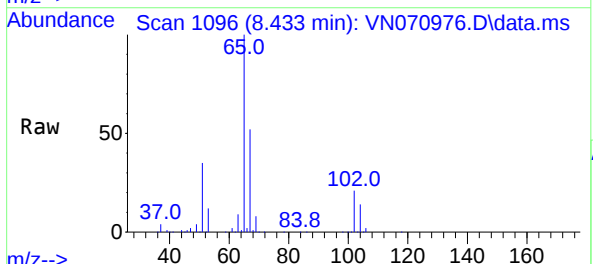
Instrument :
MSVOA_N
ClientSampleId :
DUP01-20220215

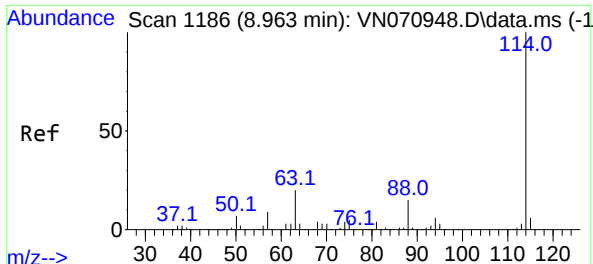
Tgt Ion:168 Resp: 819654
Ion Ratio Lower Upper
168 100
99 55.2 41.3 61.9



#33
1,2-Dichloroethane-d4
Concen: 51.593 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. 0.006 min
Lab File: VN070976.D
Acq: 17 Feb 2022 13:49

Tgt Ion: 65 Resp: 483071
Ion Ratio Lower Upper
65 100
67 52.5 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. -0.000 min

Lab File: VN070976.D

Acq: 17 Feb 2022 13:49

Instrument :

MSVOA_N

ClientSampleId :

DUP01-20220215

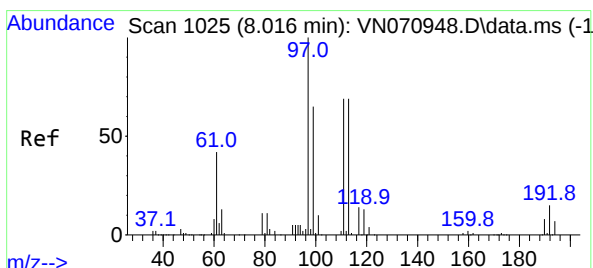
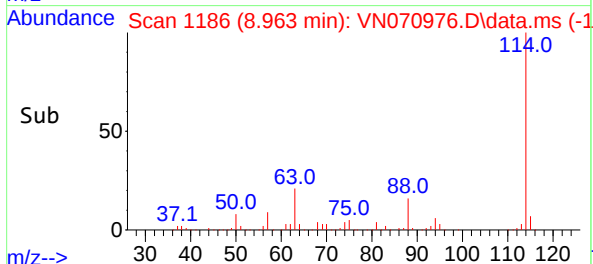
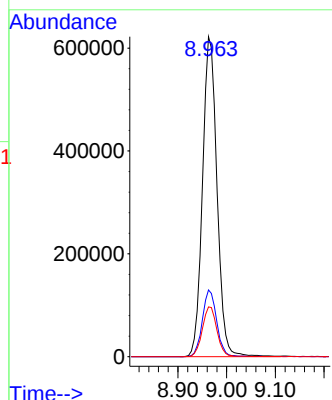
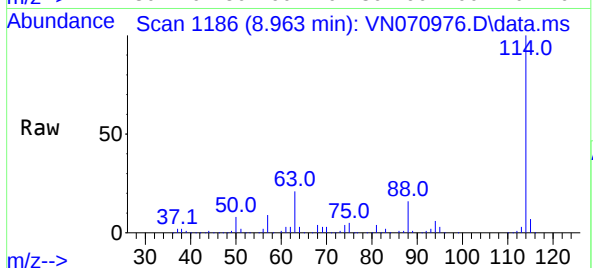
Tgt Ion:114 Resp: 1284383

Ion Ratio Lower Upper

114 100

63 20.9 0.0 37.8

88 15.6 0.0 27.4



#35

Dibromofluoromethane

Concen: 50.010 ug/l

RT: 8.022 min Scan# 1026

Delta R.T. 0.006 min

Lab File: VN070976.D

Acq: 17 Feb 2022 13:49

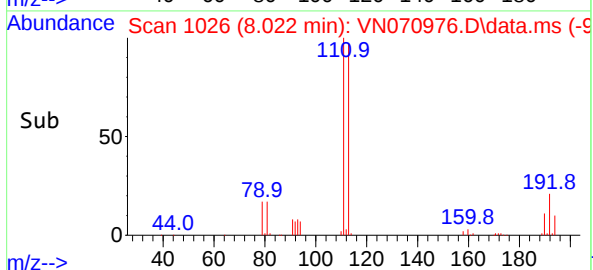
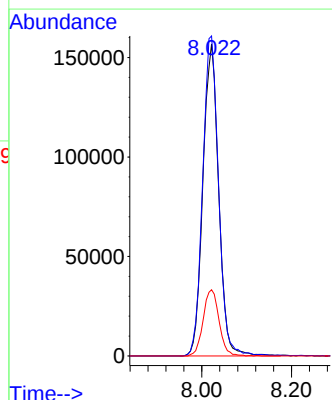
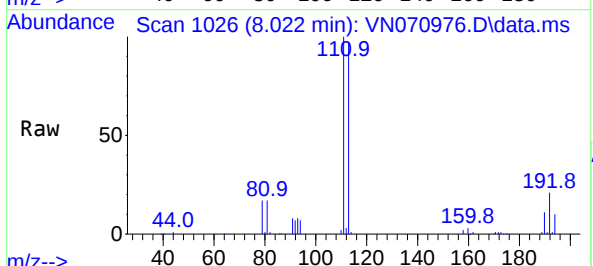
Tgt Ion:113 Resp: 382052

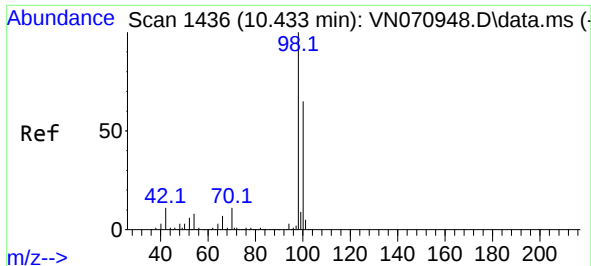
Ion Ratio Lower Upper

113 100

111 103.2 82.2 123.2

192 21.4 16.9 25.3

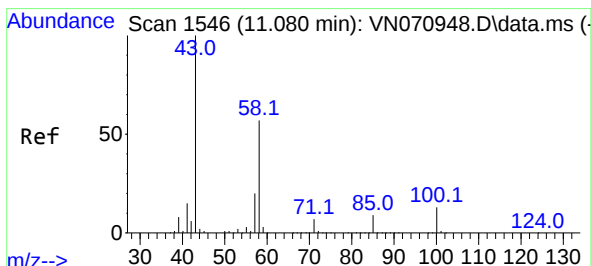
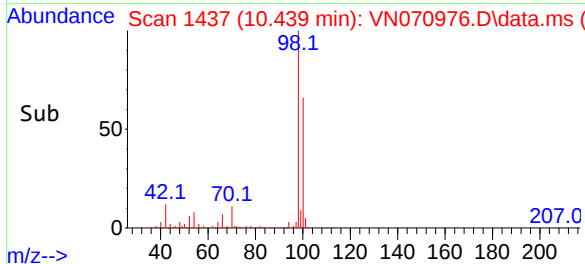
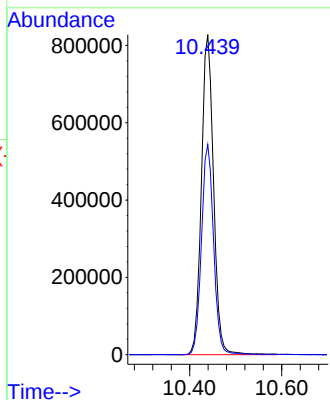
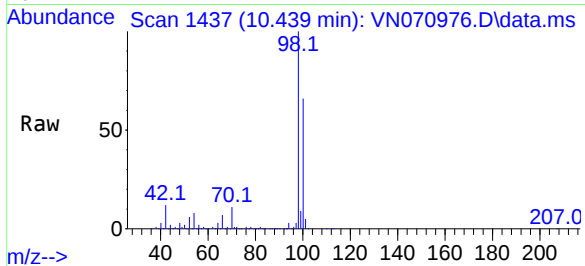




#50
Toluene-d8
Concen: 49.607 ug/l
RT: 10.439 min Scan# 1436
Delta R.T. 0.006 min
Lab File: VN070976.D
Acq: 17 Feb 2022 13:49

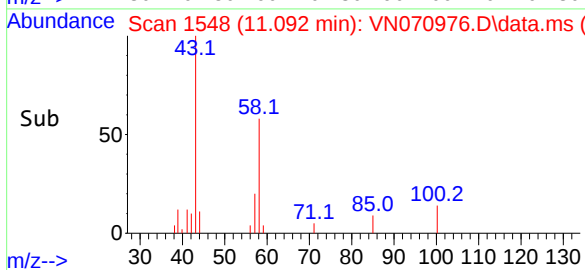
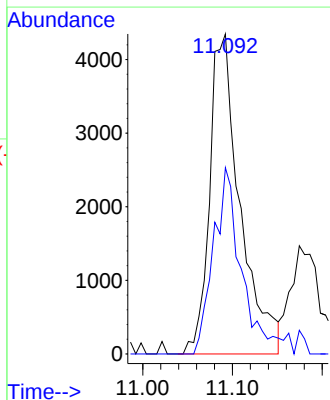
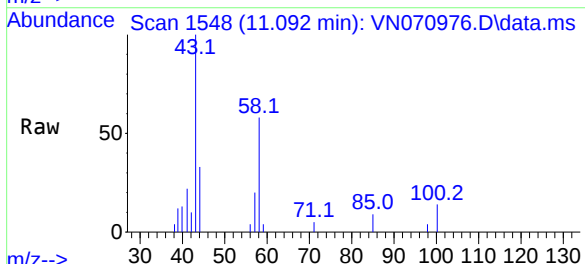
Instrument :
MSVOA_N
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DUP01-20220215

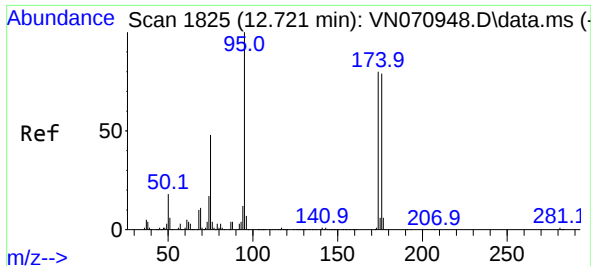
Tgt Ion: 98 Resp: 1521916
Ion Ratio Lower Upper
98 100
100 65.7 50.4 75.6



#59
2-Hexanone
Concen: 1.156 ug/l
RT: 11.092 min Scan# 1548
Delta R.T. 0.012 min
Lab File: VN070976.D
Acq: 17 Feb 2022 13:49

Tgt Ion: 43 Resp: 10233
Ion Ratio Lower Upper
43 100
58 54.3 26.9 80.7



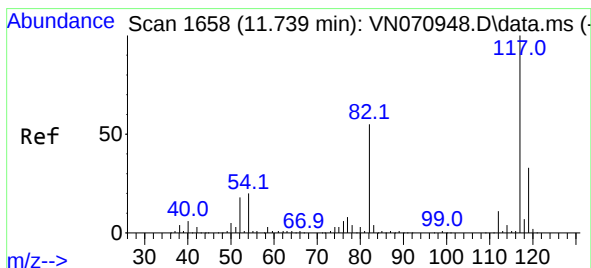
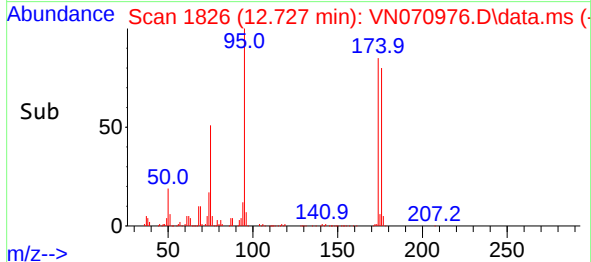
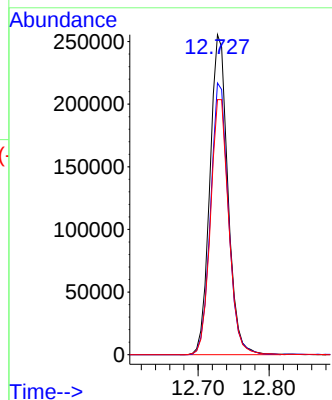
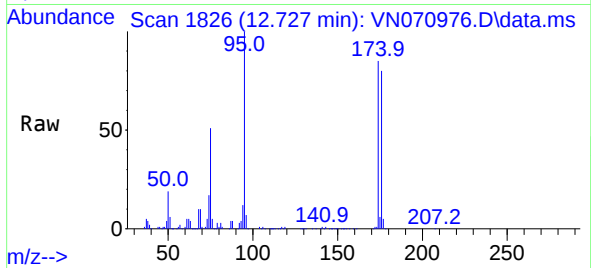


#62
4-Bromofluorobenzene
Concen: 40.921 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.006 min
Lab File: VN070976.D
Acq: 17 Feb 2022 13:49

Instrument :
MSVOA_N
ClientSampleId :
DUP01-20220215

Tgt Ion: 95 Resp: 448755

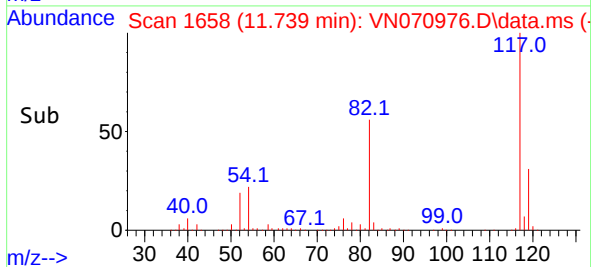
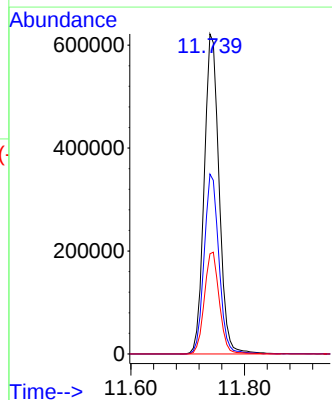
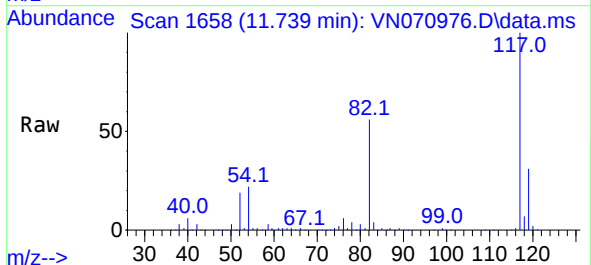
Ion	Ratio	Lower	Upper
95	100		
174	84.0	0.0	187.2
176	80.9	0.0	181.4

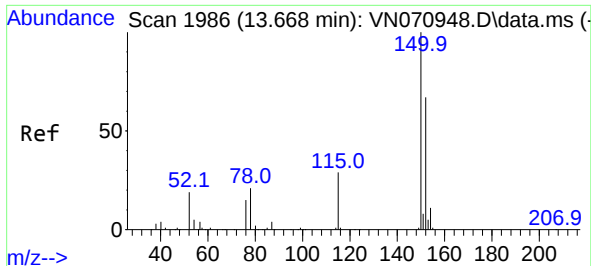


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VN070976.D
Acq: 17 Feb 2022 13:49

Tgt Ion: 117 Resp: 1127323

Ion	Ratio	Lower	Upper
117	100		
82	56.2	42.4	63.6
119	31.3	25.4	38.2

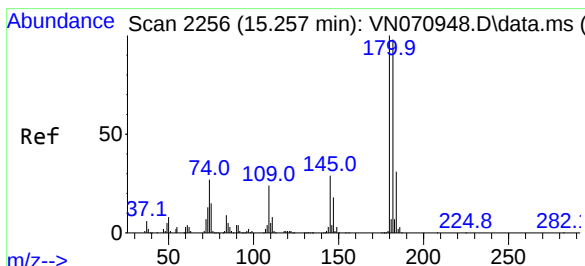
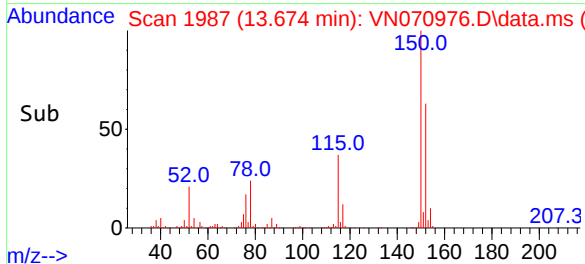
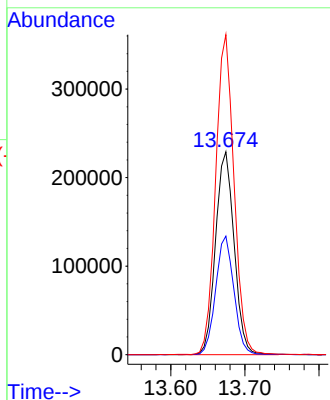
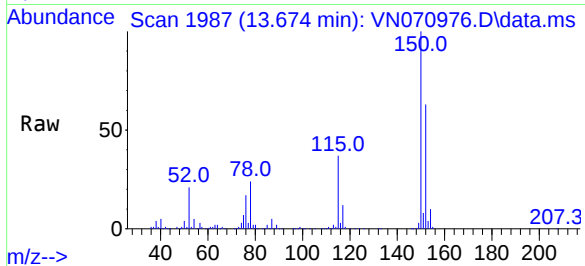




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.674 min Scan# 1986
 Delta R.T. 0.006 min
 Lab File: VN070976.D
 Acq: 17 Feb 2022 13:49

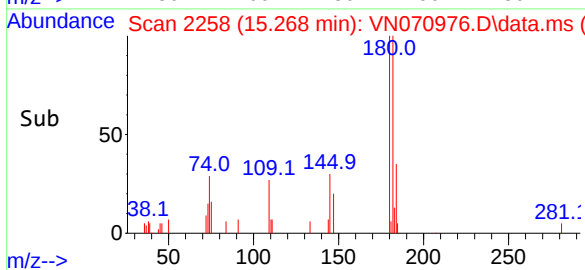
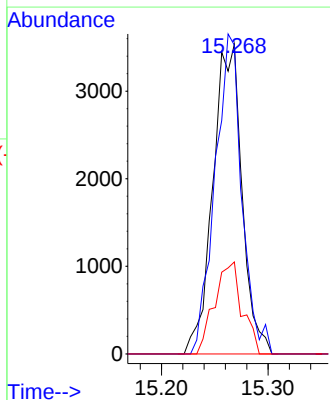
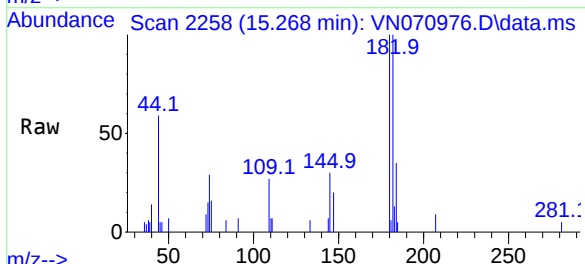
Instrument :
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 ClientSampleId :
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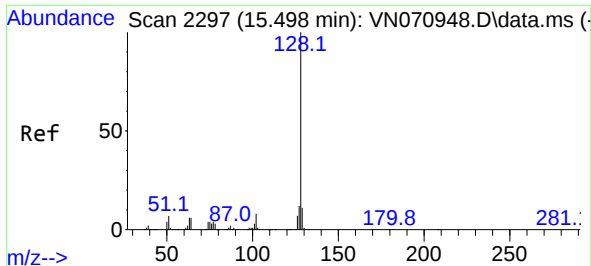
Tgt Ion:152 Resp: 399057
 Ion Ratio Lower Upper
 152 100
 115 57.6 27.5 82.5
 150 156.2 0.0 344.4



#93
 1,2,4-Trichlorobenzene
 Concen: 2.875 ug/l
 RT: 15.268 min Scan# 2258
 Delta R.T. 0.011 min
 Lab File: VN070976.D
 Acq: 17 Feb 2022 13:49

Tgt Ion:180 Resp: 6705
 Ion Ratio Lower Upper
 180 100
 182 95.3 48.3 144.9
 145 28.1 14.5 43.5

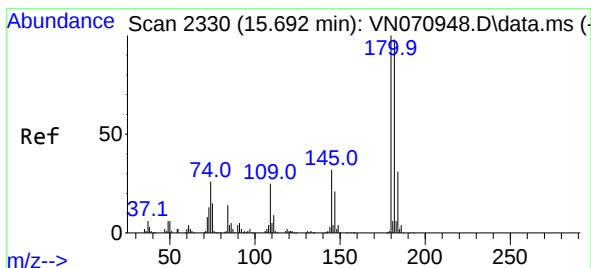
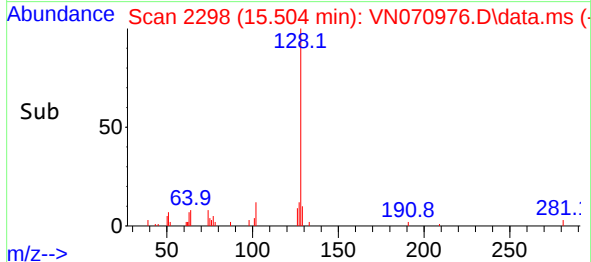
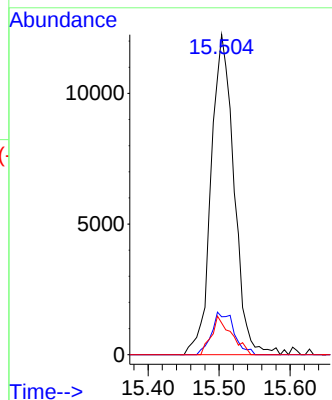
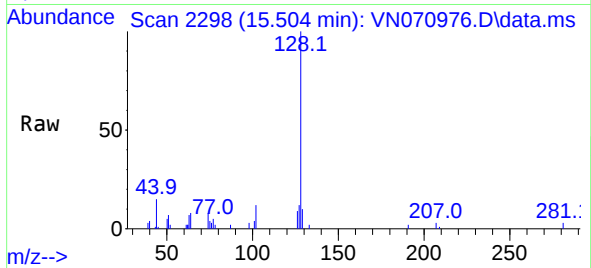




#95
Naphthalene
Concen: 6.376 ug/l
RT: 15.504 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN070976.D
Acq: 17 Feb 2022 13:49

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:	128	Resp:	27485
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.5	15.7
129	10.4	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 3.831 ug/l
RT: 15.704 min Scan# 2332
Delta R.T. 0.012 min
Lab File: VN070976.D
Acq: 17 Feb 2022 13:49

Tgt Ion:	180	Resp:	9377
Ion Ratio	Lower	Upper	
180	100		
182	87.7	47.4	142.2
145	28.4	15.0	45.1

