

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051122\
 Data File : VN072410.D
 Acq On : 11 May 2022 12:27
 Operator : JC\MD
 Sample : N2770-03RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MH-15842RE

Quant Time: May 12 02:10:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051022W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 10 15:43:28 2022
 Response via : Initial Calibration

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

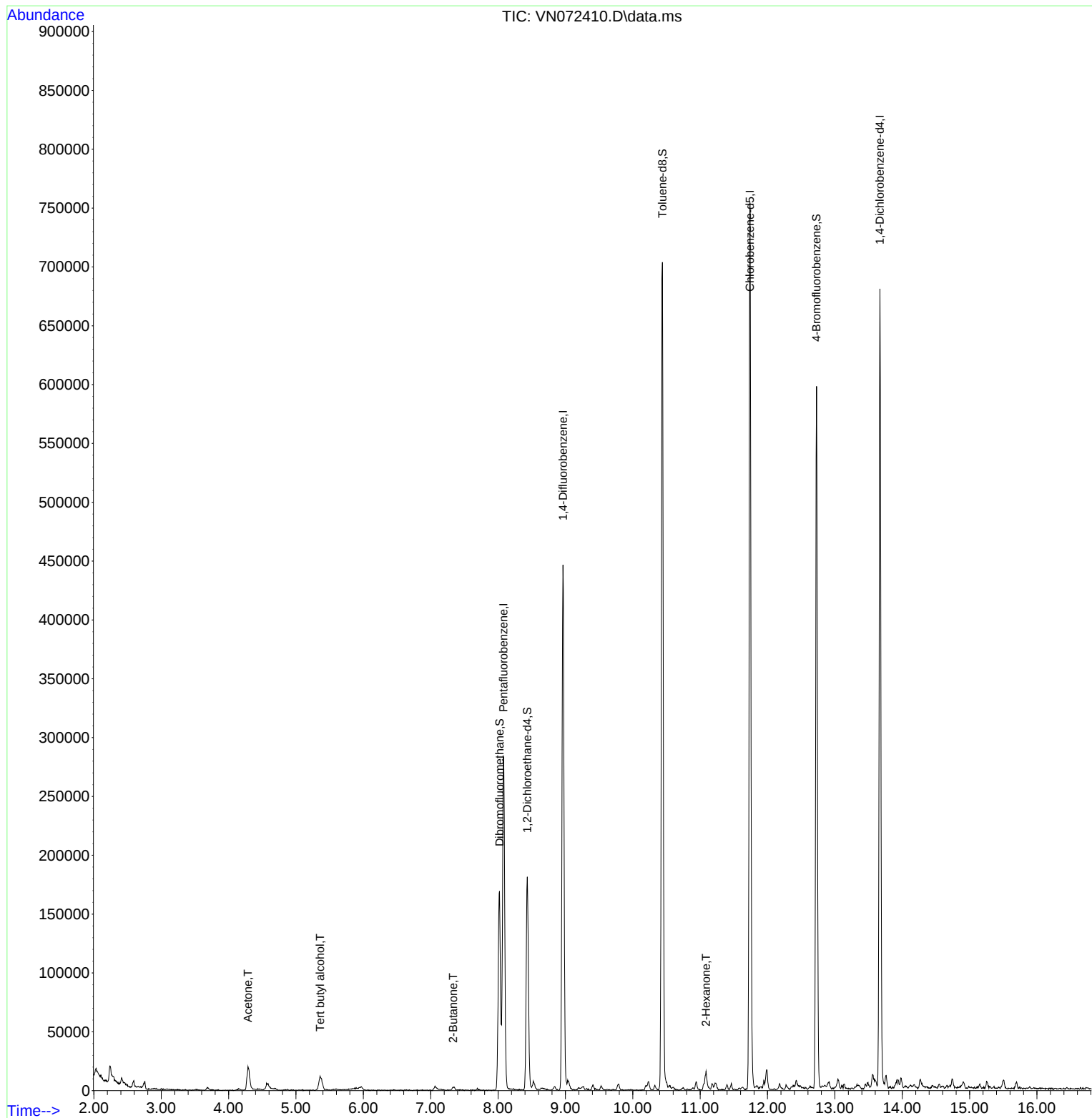
Internal Standards						
1) Pentafluorobenzene	8.081	168	211913	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	381264	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	435995	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	181636	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	160763	49.529	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	99.060%
35) Dibromofluoromethane	8.022	113	122513	48.299	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	96.600%
50) Toluene-d8	10.439	98	494120	51.149	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	102.300%
62) 4-Bromofluorobenzene	12.727	95	205606	64.086	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	128.180%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.357	59	21576	40.653	ug/l #	88
16) Acetone	4.287	43	37775	29.387	ug/l	94
25) 2-Butanone	7.334	43	5380	2.652	ug/l #	86
59) 2-Hexanone	11.086	43	8727	2.985	ug/l	62

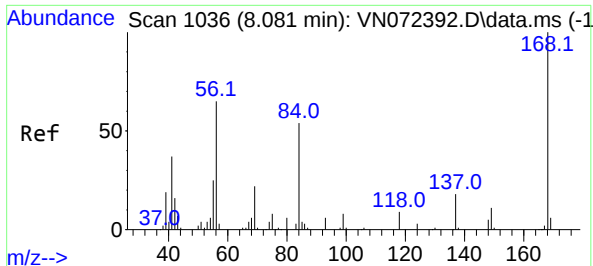
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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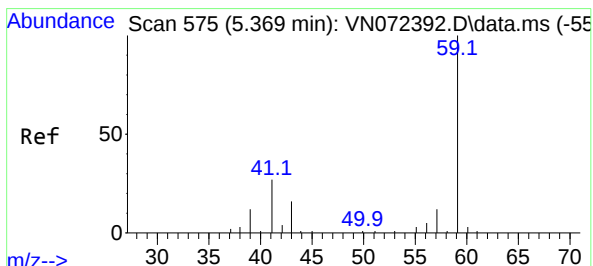
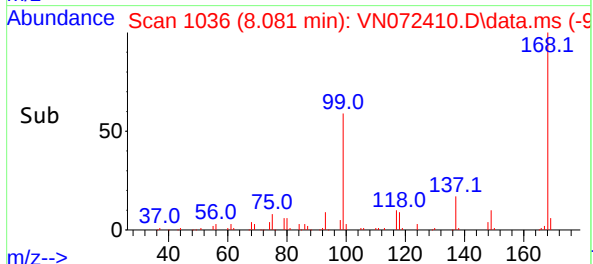
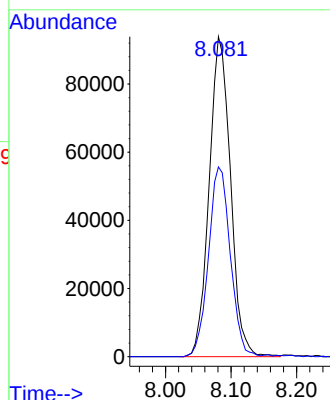
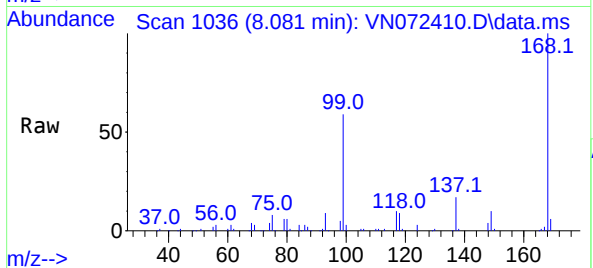




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN072410.D
Acq: 11 May 2022 12:27

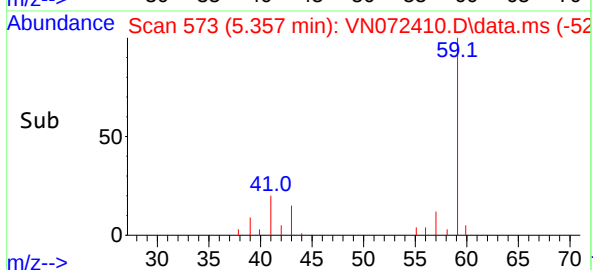
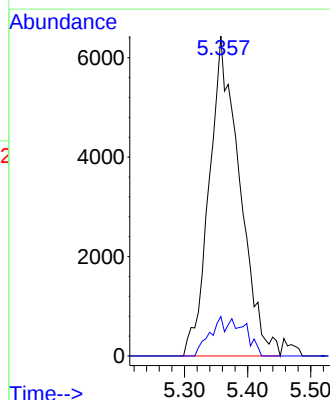
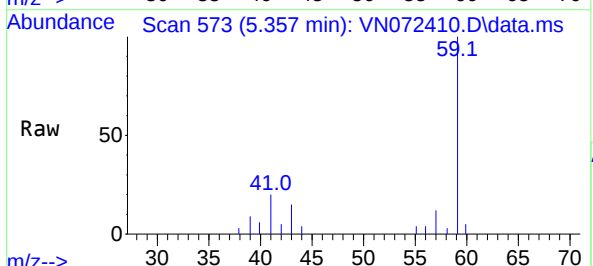
Instrument :
MSVOA_N
ClientSampleId :
MH-15842RE

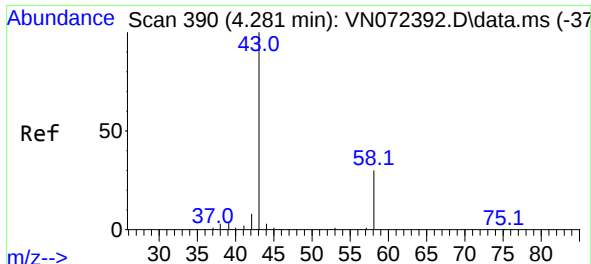
Tgt Ion:168 Resp: 211913
Ion Ratio Lower Upper
168 100
99 59.3 42.3 63.5



#11
Tert butyl alcohol
Concen: 40.653 ug/l
RT: 5.357 min Scan# 573
Delta R.T. -0.012 min
Lab File: VN072410.D
Acq: 11 May 2022 12:27

Tgt Ion: 59 Resp: 21576
Ion Ratio Lower Upper
59 100
57 6.0 8.3 12.5#

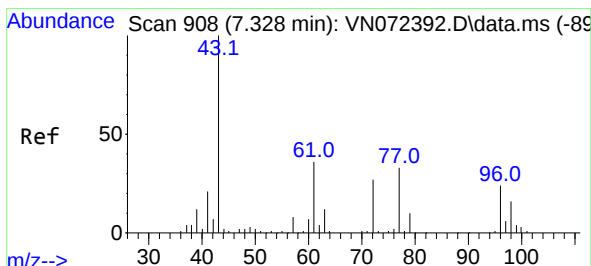
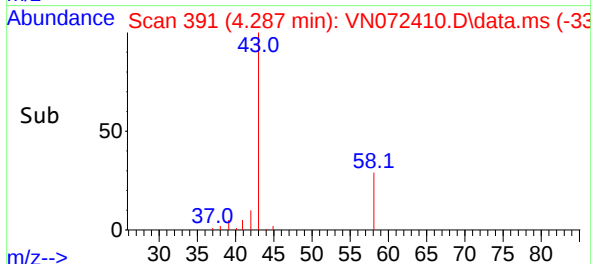
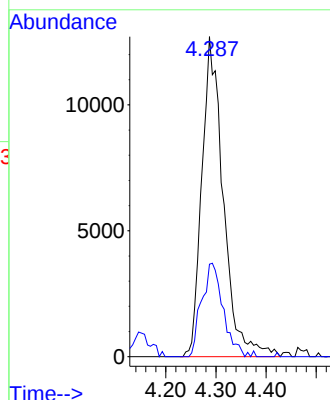
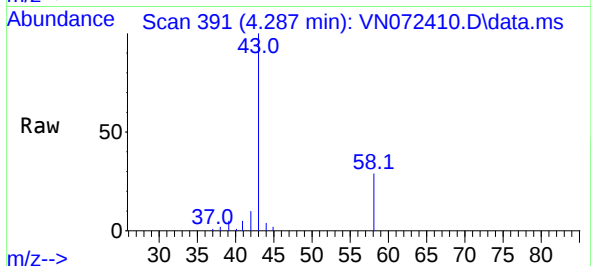




#16
Acetone
Concen: 29.387 ug/l
RT: 4.287 min Scan# 391
Delta R.T. 0.006 min
Lab File: VN072410.D
Acq: 11 May 2022 12:27

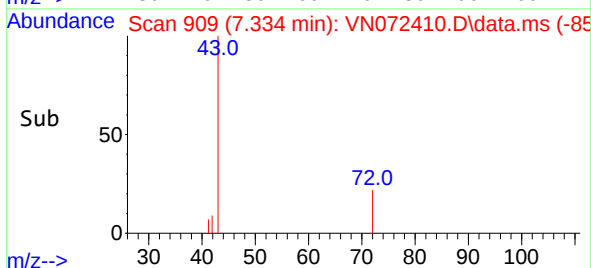
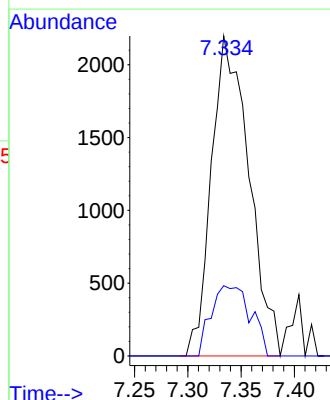
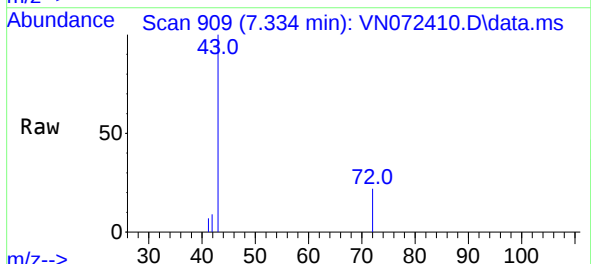
Instrument :
MSVOA_N
ClientSampleId :
MH-15842RE

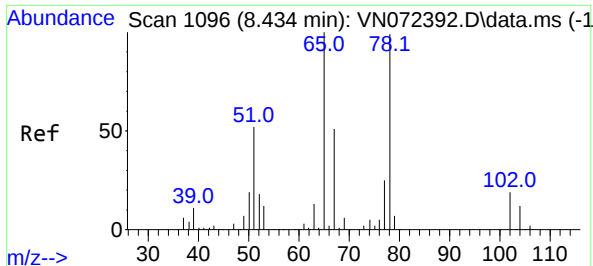
Tgt Ion: 43 Resp: 37775
Ion Ratio Lower Upper
43 100
58 28.9 26.0 39.0



#25
2-Butanone
Concen: 2.652 ug/l
RT: 7.334 min Scan# 909
Delta R.T. 0.006 min
Lab File: VN072410.D
Acq: 11 May 2022 12:27

Tgt Ion: 43 Resp: 5380
Ion Ratio Lower Upper
43 100
72 21.9 23.7 35.5#





#33

1,2-Dichloroethane-d4

Concen: 49.529 ug/l

RT: 8.434 min Scan# 1096

Delta R.T. -0.000 min

Lab File: VN072410.D

Acq: 11 May 2022 12:27

Instrument :

MSVOA_N

ClientSampleId :

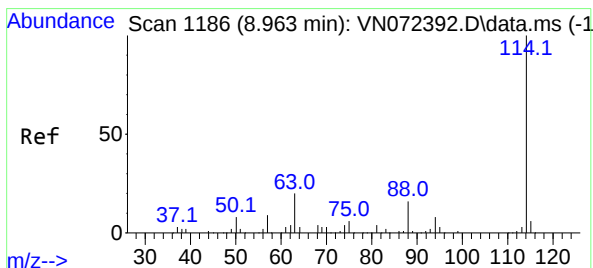
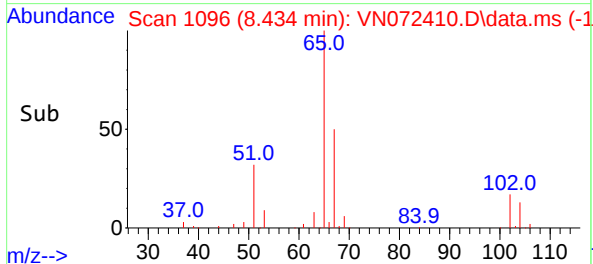
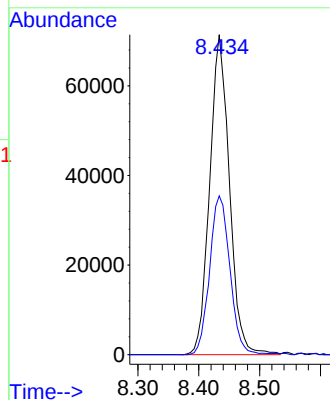
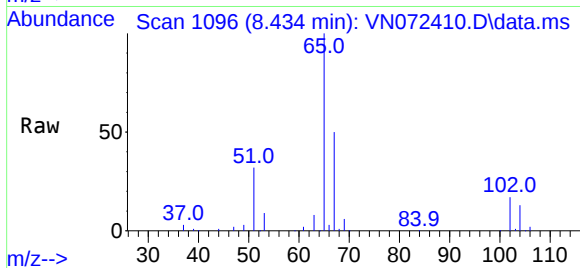
MH-15842RE

Tgt Ion: 65 Resp: 160763

Ion Ratio Lower Upper

65 100

67 51.1 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. 0.000 min

Lab File: VN072410.D

Acq: 11 May 2022 12:27

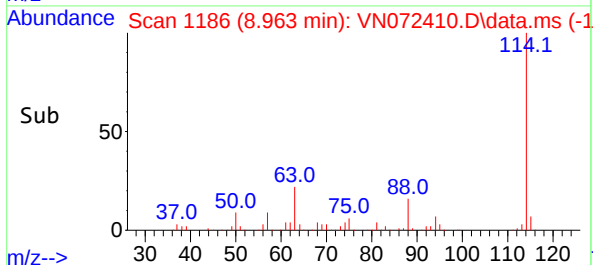
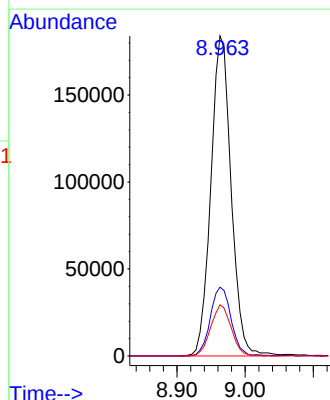
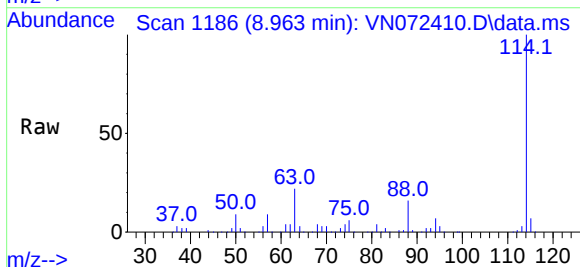
Tgt Ion: 114 Resp: 381264

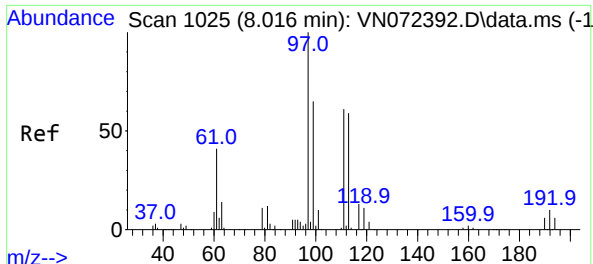
Ion Ratio Lower Upper

114 100

63 21.5 0.0 40.0

88 16.0 0.0 32.6

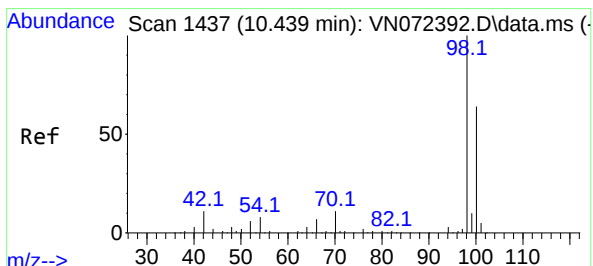
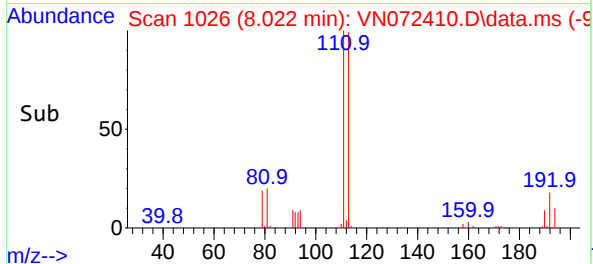
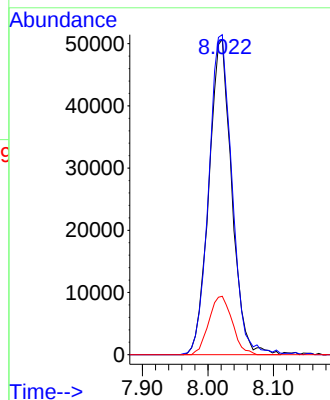
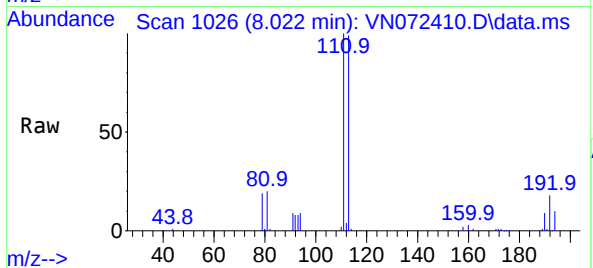




#35
Dibromofluoromethane
Concen: 48.299 ug/l
RT: 8.022 min Scan# 1026
Delta R.T. 0.006 min
Lab File: VN072410.D
Acq: 11 May 2022 12:27

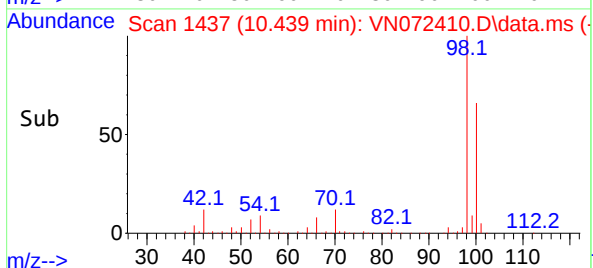
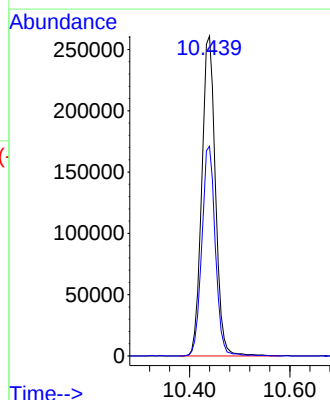
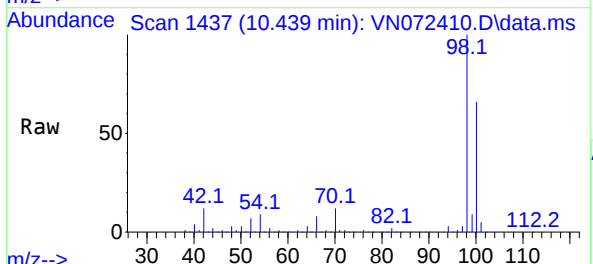
Instrument :
MSVOA_N
ClientSampleId :
MH-15842RE

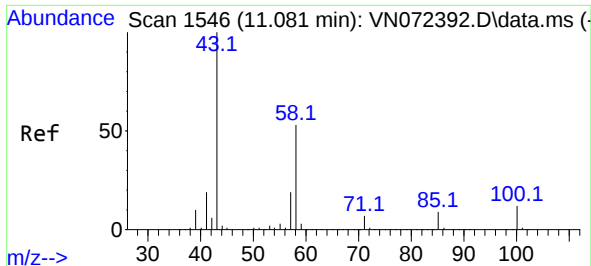
Tgt Ion:113 Resp: 122513
Ion Ratio Lower Upper
113 100
111 103.3 81.4 122.0
192 19.0 17.0 25.6



#50
Toluene-d8
Concen: 51.149 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072410.D
Acq: 11 May 2022 12:27

Tgt Ion: 98 Resp: 494120
Ion Ratio Lower Upper
98 100
100 64.6 52.6 78.8





#59

2-Hexanone

Concen: 2.985 ug/l

RT: 11.086 min Scan# 11

Delta R.T. 0.005 min

Lab File: VN072410.D

Acq: 11 May 2022 12:27

Instrument :

MSVOA_N

ClientSampleId :

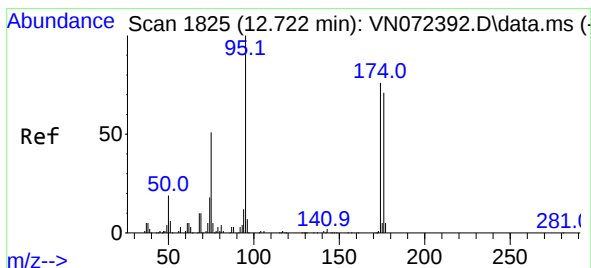
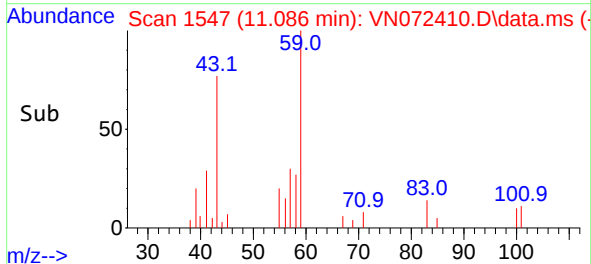
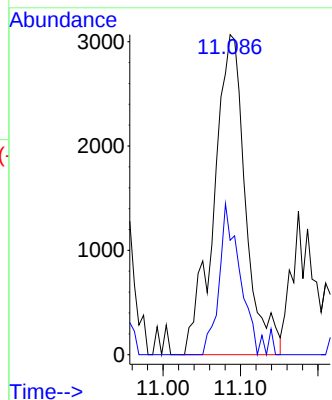
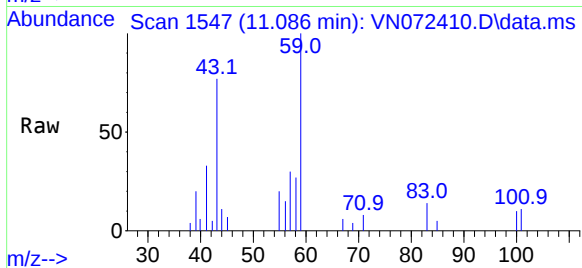
MH-15842RE

Tgt Ion: 43 Resp: 8727

Ion Ratio Lower Upper

43 100

58 30.5 29.7 89.1



#62

4-Bromofluorobenzene

Concen: 64.086 ug/l

RT: 12.727 min Scan# 1826

Delta R.T. 0.005 min

Lab File: VN072410.D

Acq: 11 May 2022 12:27

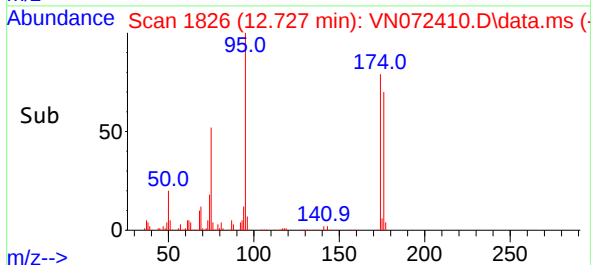
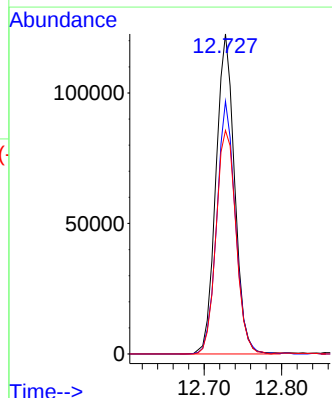
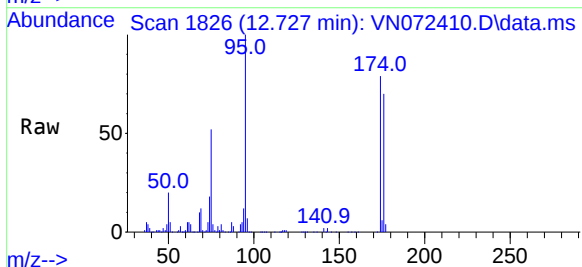
Tgt Ion: 95 Resp: 205606

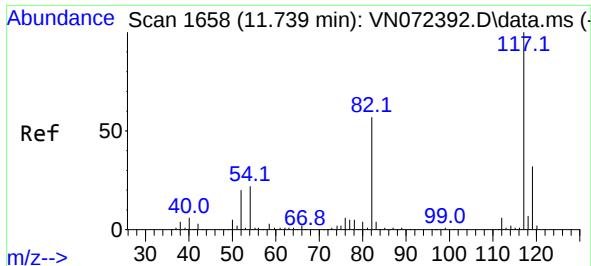
Ion Ratio Lower Upper

95 100

174 78.2 0.0 167.6

176 74.3 0.0 163.4

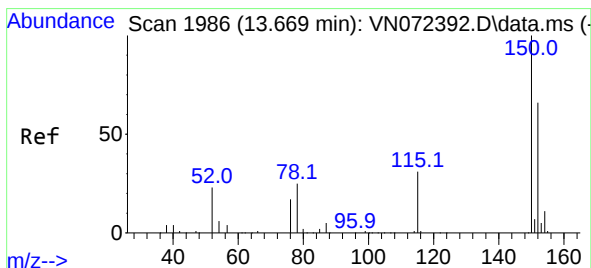
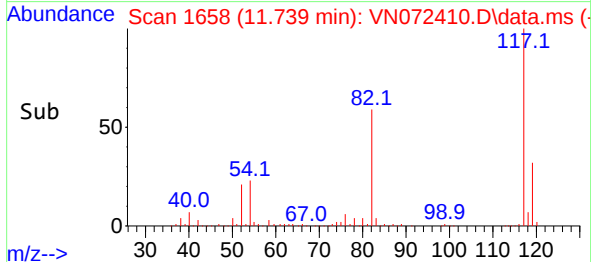
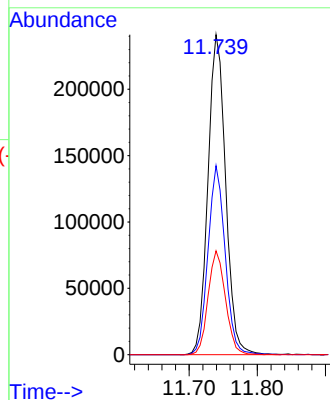
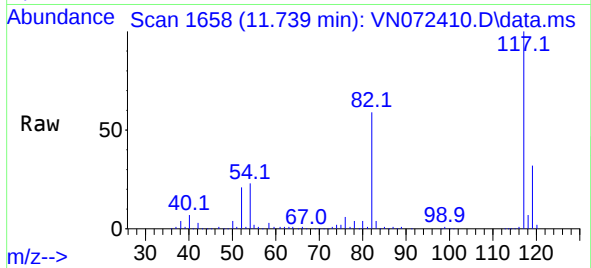




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN072410.D
Acq: 11 May 2022 12:27

Instrument :
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Tgt Ion:117 Resp: 435995
Ion Ratio Lower Upper
117 100
82 59.0 44.2 66.2
119 32.4 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.669 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN072410.D
Acq: 11 May 2022 12:27

Tgt Ion:152 Resp: 181636
Ion Ratio Lower Upper
152 100
115 62.3 28.9 86.7
150 157.3 0.0 356.2

