

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030922\
 Data File : VN071217.D
 Acq On : 09 Mar 2022 18:09
 Operator : JC\MD
 Sample : PB143182ZHE#03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB143182ZHE#03

Quant Time: Mar 10 00:58:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 08 06:52:46 2022
 Response via : Initial Calibration

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

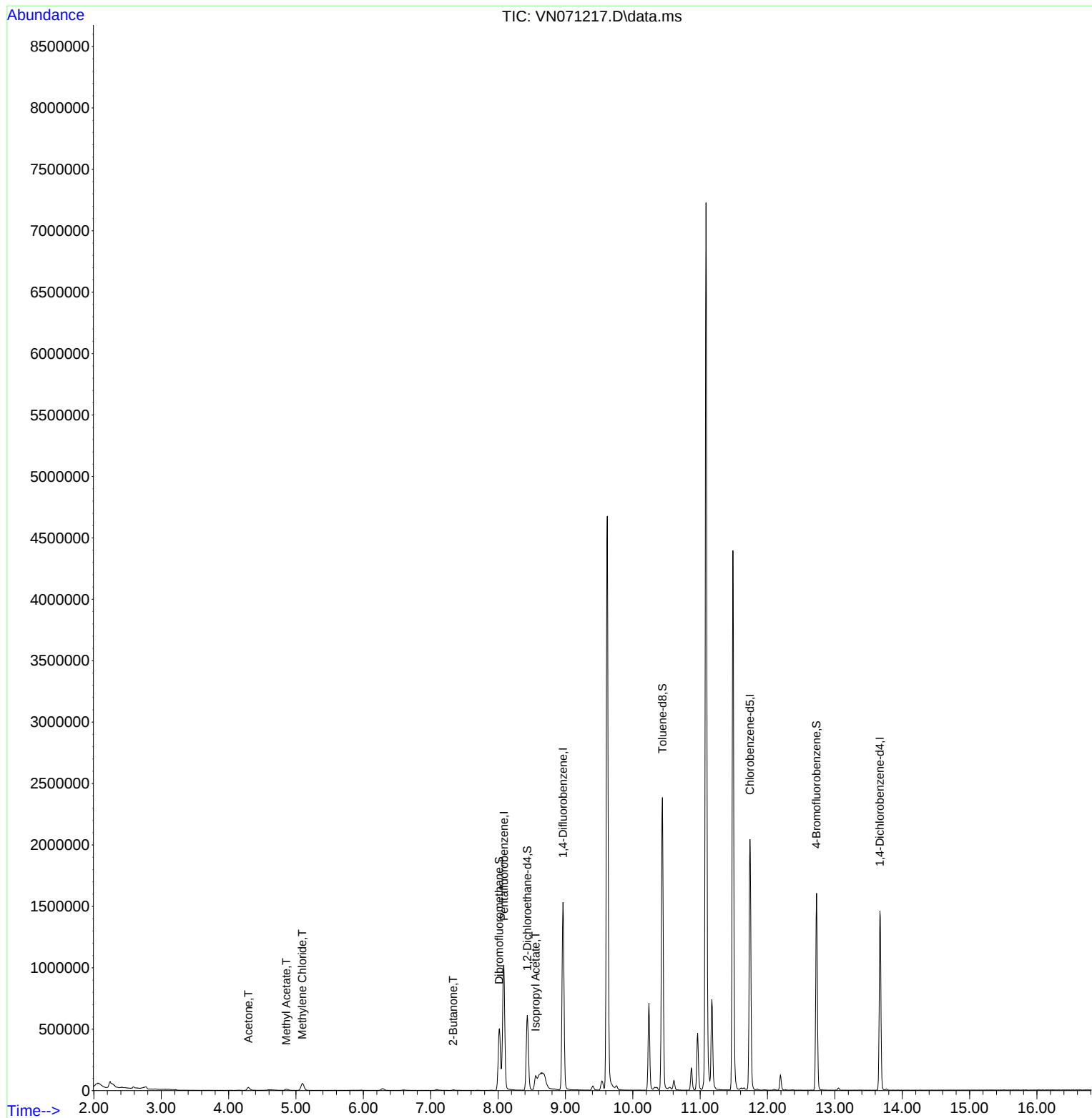
Internal Standards						
1) Pentafluorobenzene	8.086	168	797989	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1322951	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1200865	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	400620	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	505119	46.186	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	92.380%
35) Dibromofluoromethane	8.016	113	377359	45.202	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	90.400%
50) Toluene-d8	10.439	98	1631340	48.533	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.060%
62) 4-Bromofluorobenzene	12.727	95	547666	48.117	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	96.240%
Target Compounds						
					Qvalue	
16) Acetone	4.293	43	42688	8.022	ug/l #	89
18) Methyl Acetate	4.857	43	21432	1.956	ug/l	99
20) Methylene Chloride	5.093	84	43763	4.847	ug/l	91
25) 2-Butanone	7.334	43	9236	1.077	ug/l #	81
43) Isopropyl Acetate	8.557	43	140722	5.112	ug/l #	78

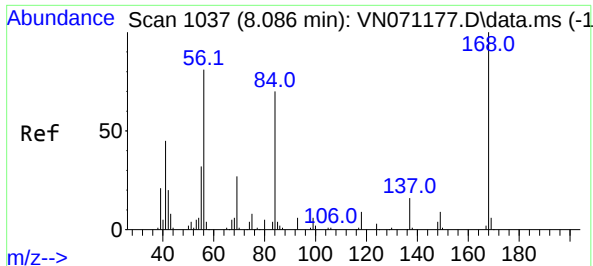
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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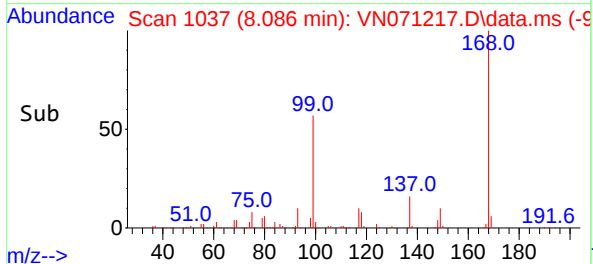
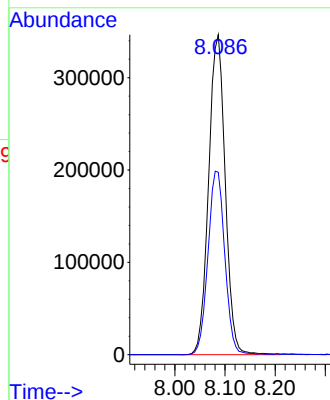
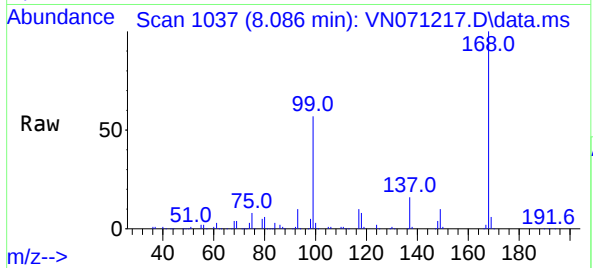




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VN071217.D
Acq: 09 Mar 2022 18:09

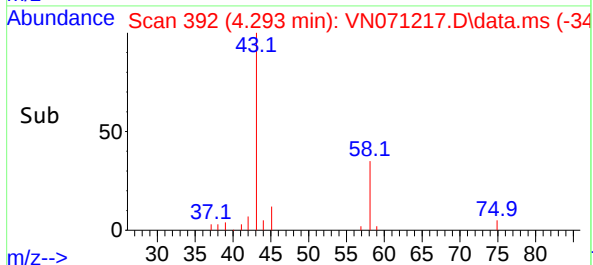
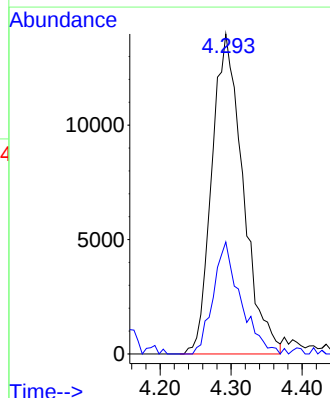
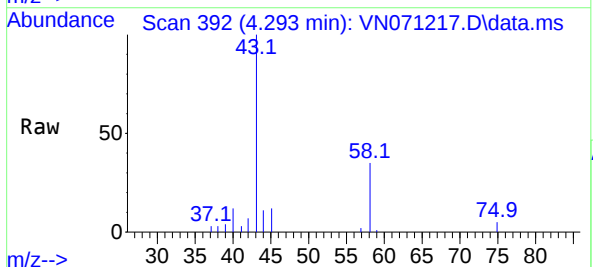
Instrument :
MSVOA_N
ClientSampleId :
PB143182ZHE#03

Tgt Ion:168 Resp: 797989
Ion Ratio Lower Upper
168 100
99 57.0 41.3 61.9



#16
Acetone
Concen: 8.022 ug/l
RT: 4.293 min Scan# 392
Delta R.T. 0.006 min
Lab File: VN071217.D
Acq: 09 Mar 2022 18:09

Tgt Ion: 43 Resp: 42688
Ion Ratio Lower Upper
43 100
58 35.0 23.1 34.7#

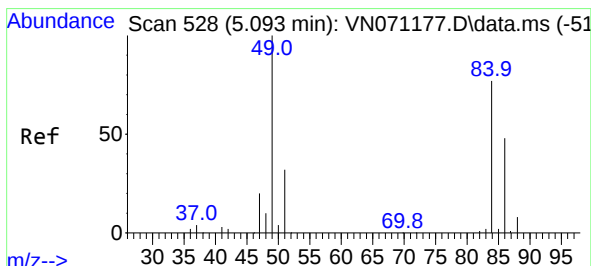
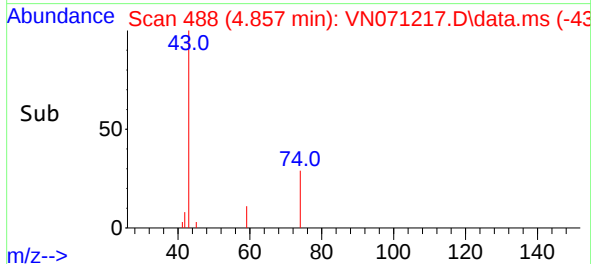
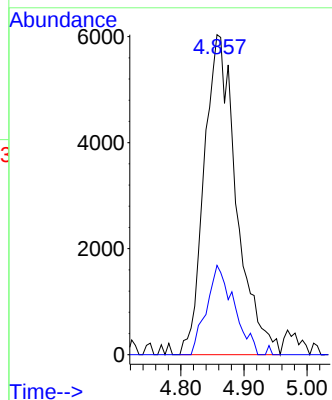
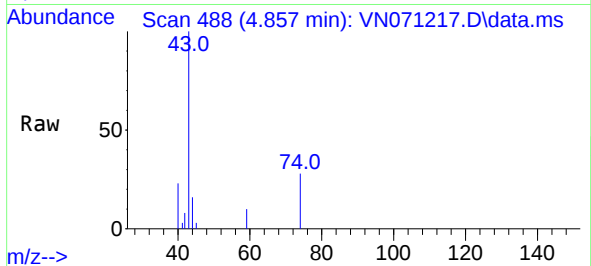




#18
Methyl Acetate
Concen: 1.956 ug/l
RT: 4.857 min Scan# 488
Delta R.T. 0.006 min
Lab File: VN071217.D
Acq: 09 Mar 2022 18:09

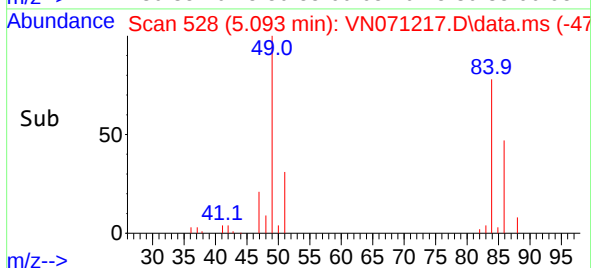
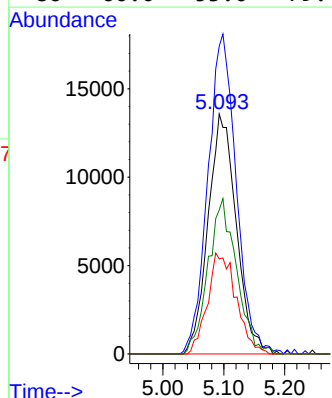
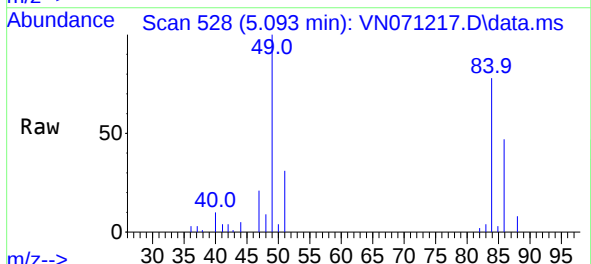
Instrument :
MSVOA_N
ClientSampleId :
PB143182ZHE#03

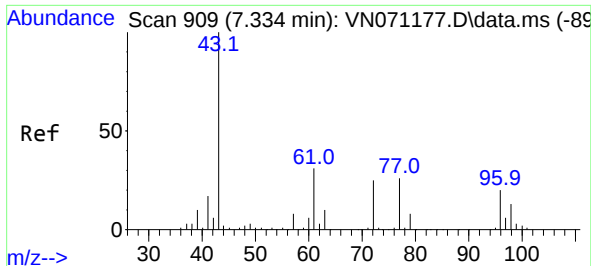
Tgt Ion: 43 Resp: 21432
Ion Ratio Lower Upper
43 100
74 23.7 19.4 29.2



#20
Methylene Chloride
Concen: 4.847 ug/l
RT: 5.093 min Scan# 528
Delta R.T. -0.000 min
Lab File: VN071217.D
Acq: 09 Mar 2022 18:09

Tgt Ion: 84 Resp: 43763
Ion Ratio Lower Upper
84 100
49 128.3 93.5 140.3
51 39.6 29.4 44.2
86 60.0 53.0 79.4





#25

2-Butanone

Concen: 1.077 ug/l

RT: 7.334 min Scan# 909

Delta R.T. 0.000 min

Lab File: VN071217.D

Acq: 09 Mar 2022 18:09

Instrument :

MSVOA_N

ClientSampleId :

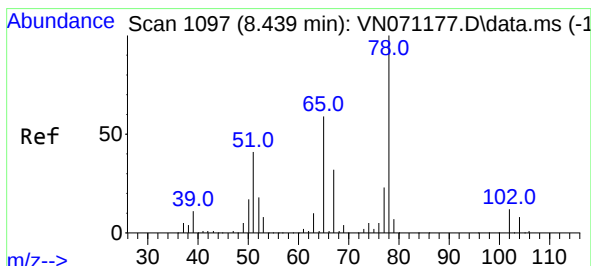
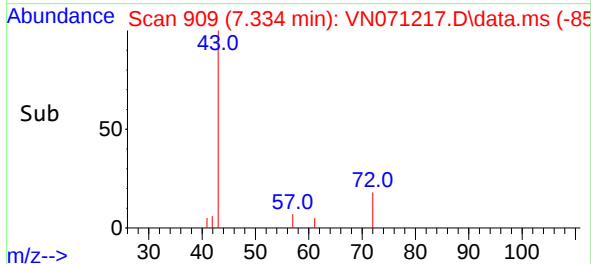
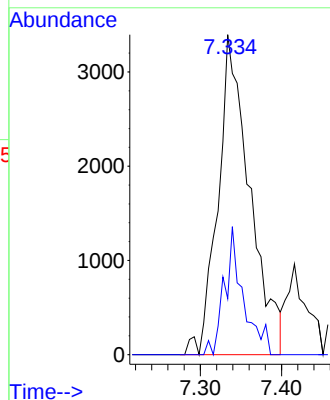
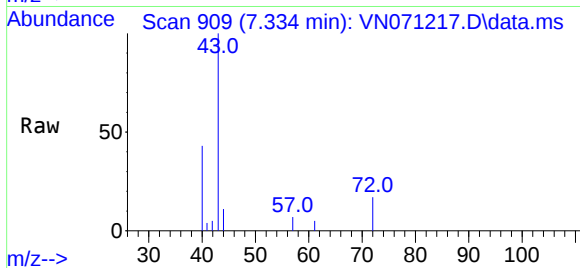
PB143182ZHE#03

Tgt Ion: 43 Resp: 9236

Ion Ratio Lower Upper

43 100

72 17.5 21.7 32.5#



#33

1,2-Dichloroethane-d4

Concen: 46.186 ug/l

RT: 8.433 min Scan# 1096

Delta R.T. -0.006 min

Lab File: VN071217.D

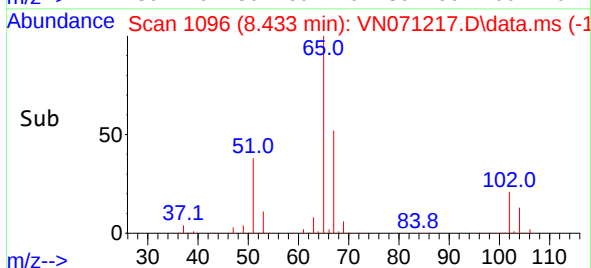
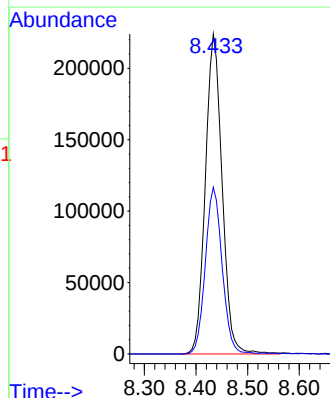
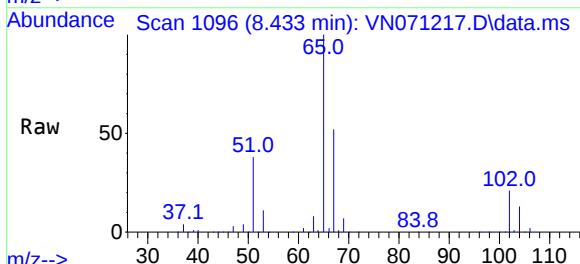
Acq: 09 Mar 2022 18:09

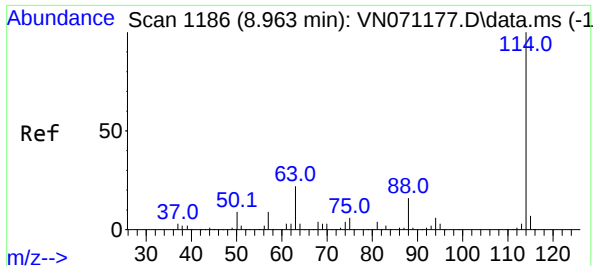
Tgt Ion: 65 Resp: 505119

Ion Ratio Lower Upper

65 100

67 52.1 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: VN071217.D

Acq: 09 Mar 2022 18:09

Instrument :

MSVOA_N

ClientSampleId :

PB143182ZHE#03

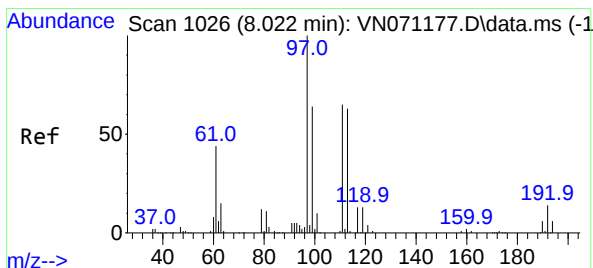
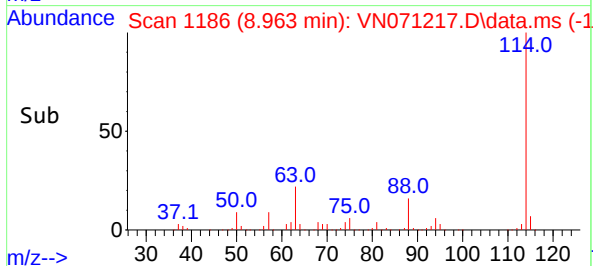
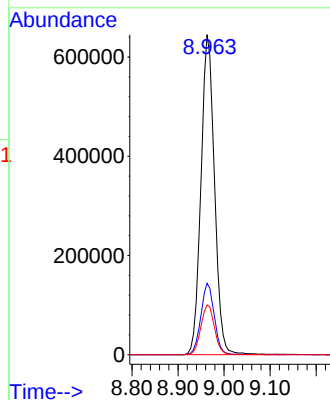
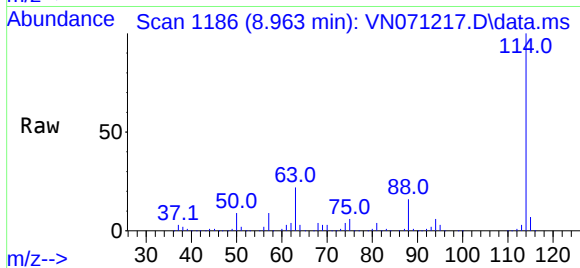
Tgt Ion:114 Resp: 1322951

Ion Ratio Lower Upper

114 100

63 22.3 0.0 37.8

88 15.5 0.0 27.4



#35

Dibromofluoromethane

Concen: 45.202 ug/l

RT: 8.016 min Scan# 1025

Delta R.T. -0.006 min

Lab File: VN071217.D

Acq: 09 Mar 2022 18:09

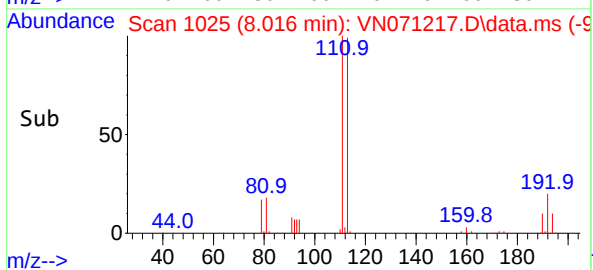
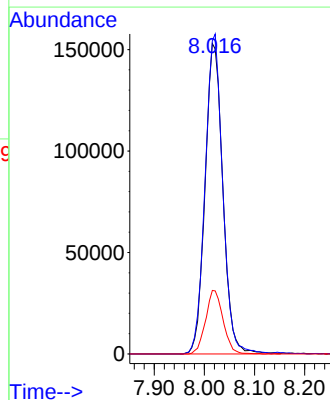
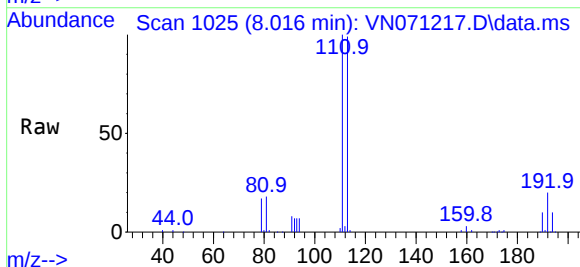
Tgt Ion:113 Resp: 377359

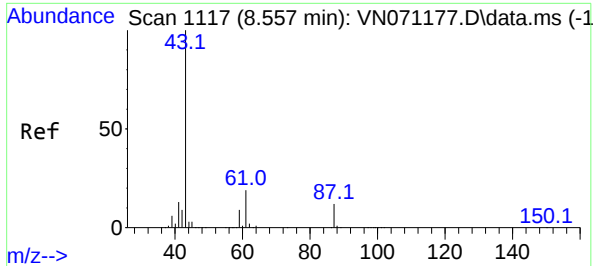
Ion Ratio Lower Upper

113 100

111 101.9 82.2 123.2

192 20.1 16.9 25.3

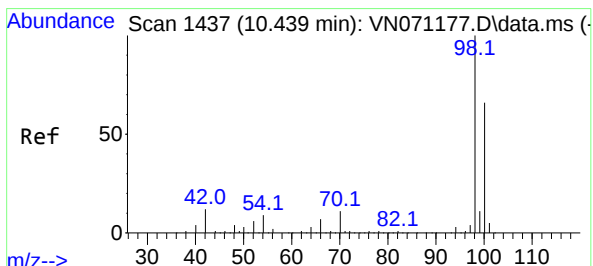
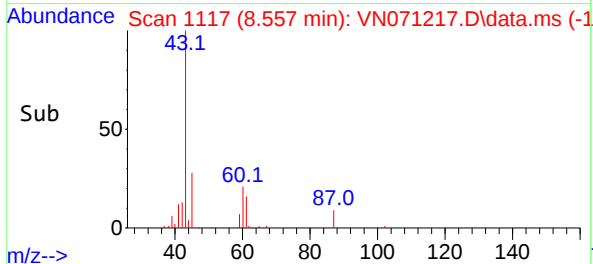
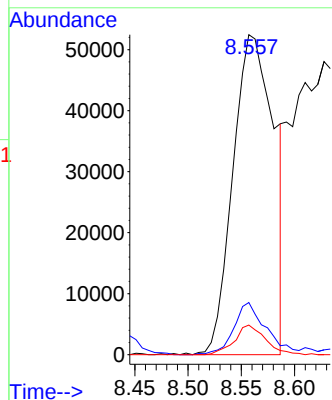
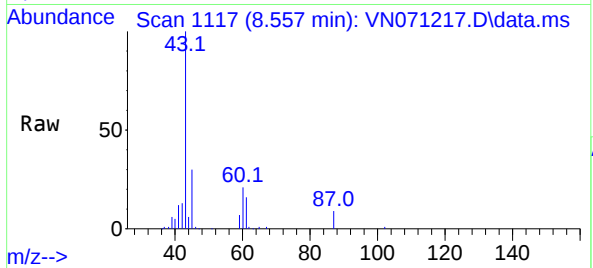




#43
Isopropyl Acetate
Concen: 5.112 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. 0.000 min
Lab File: VN071217.D
Acq: 09 Mar 2022 18:09

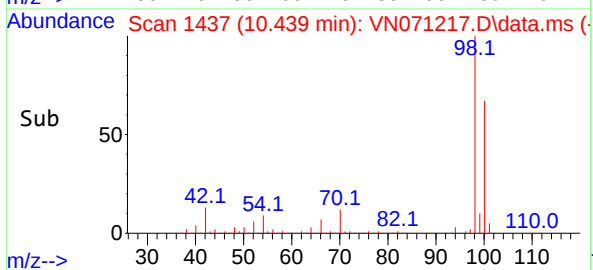
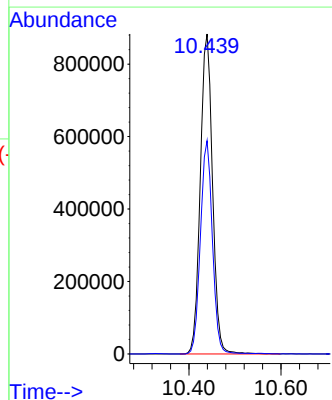
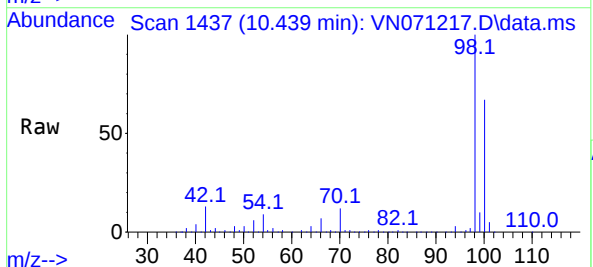
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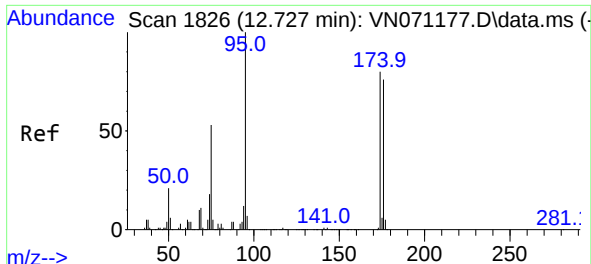
Tgt Ion: 43 Resp: 140722
Ion Ratio Lower Upper
43 100
61 12.8 20.4 30.6#
87 7.0 11.2 16.8#



#50
Toluene-d8
Concen: 48.533 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071217.D
Acq: 09 Mar 2022 18:09

Tgt Ion: 98 Resp: 1631340
Ion Ratio Lower Upper
98 100
100 65.5 50.4 75.6

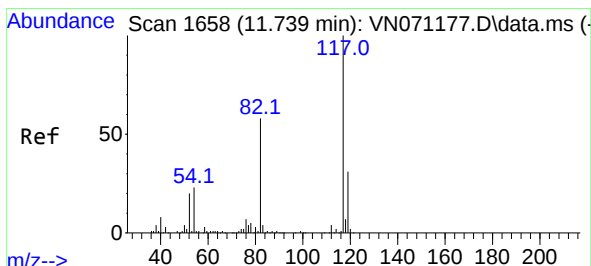
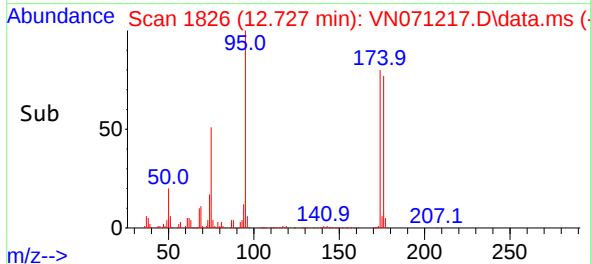
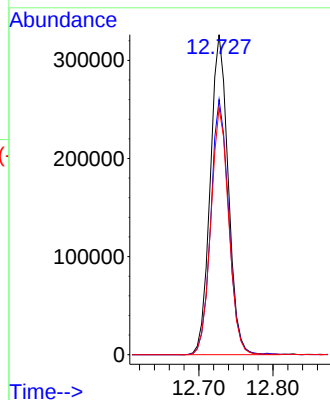
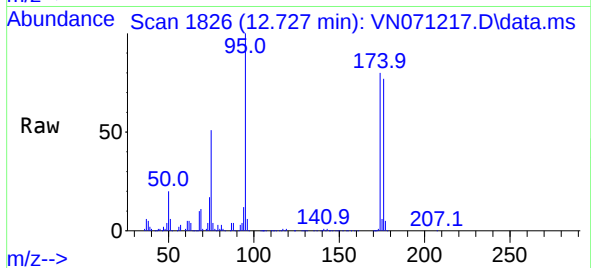




#62
4-Bromofluorobenzene
Concen: 48.117 ug/l
RT: 12.727 min Scan# 1177
Delta R.T. 0.000 min
Lab File: VN071217.D
Acq: 09 Mar 2022 18:09

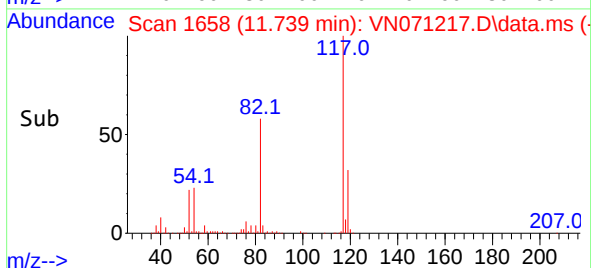
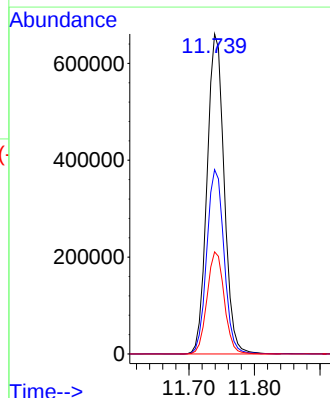
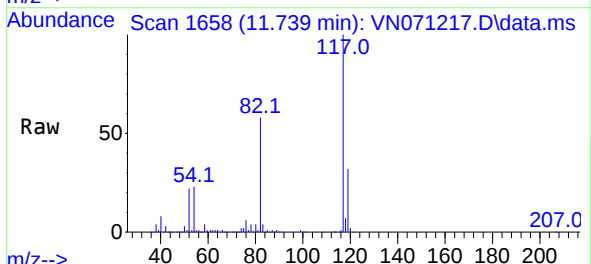
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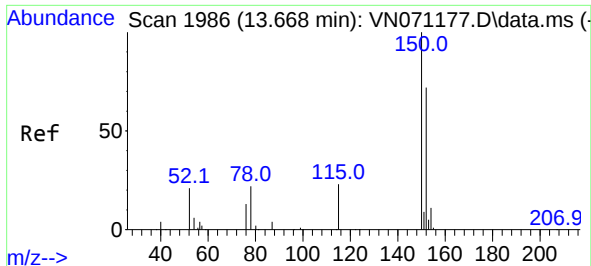
Tgt Ion: 95 Resp: 547666
Ion Ratio Lower Upper
95 100
174 79.4 0.0 187.2
176 76.9 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN071217.D
Acq: 09 Mar 2022 18:09

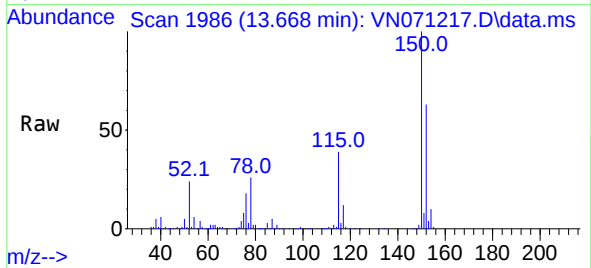
Tgt Ion: 117 Resp: 1200865
Ion Ratio Lower Upper
117 100
82 57.6 42.4 63.6
119 31.9 25.4 38.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.668 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VN071217.D
 Acq: 09 Mar 2022 18:09

Instrument :
 MSVOA_N
 ClientSampleId :
 PB143182ZHE#03



Tgt Ion:152 Resp: 400620

Ion	Ratio	Lower	Upper
152	100		
115	60.2	27.5	82.5
150	156.5	0.0	344.4

