

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081222\
 Data File : VN073856.D
 Acq On : 12 Aug 2022 17:02
 Operator : JC\MD
 Sample : PB146944ZHE#03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB146944ZHE#03

Quant Time: Aug 13 05:03:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 10 05:09:32 2022
 Response via : Initial Calibration

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

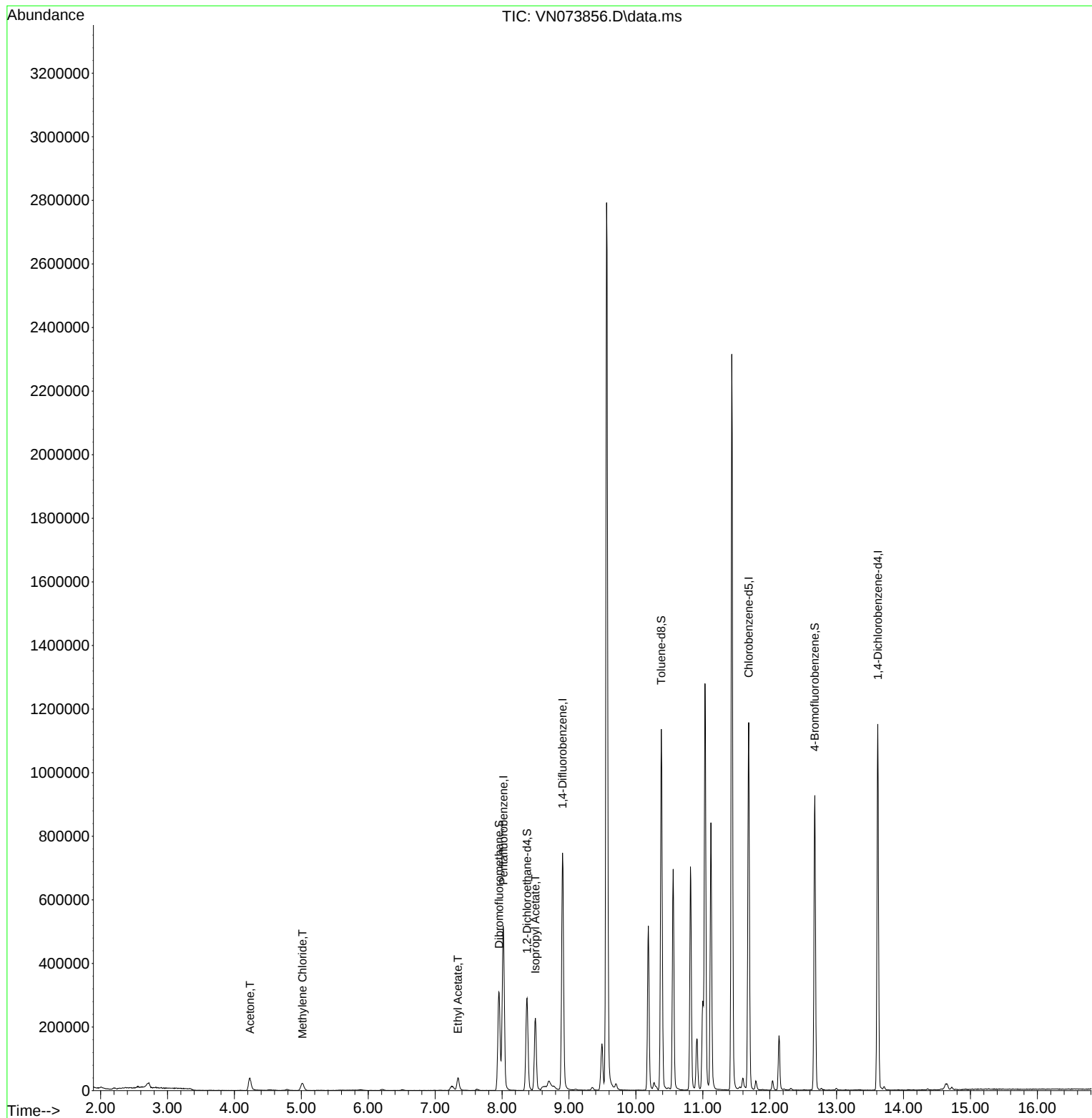
Internal Standards						
1) Pentafluorobenzene	8.022	168	423772	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	683559	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	695062	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	325210	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	245248	47.489	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.980%
35) Dibromofluoromethane	7.957	113	229793	53.536	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	107.080%
50) Toluene-d8	10.380	98	799153	47.313	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.620%
62) 4-Bromofluorobenzene	12.674	95	299764	50.524	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.040%
Target Compounds						
					Qvalue	
16) Acetone	4.234	43	74644	26.910	ug/l	100
20) Methylene Chloride	5.016	84	19619	2.268	ug/l	97
37) Ethyl Acetate	7.339	43	62028	7.699	ug/l	99
43) Isopropyl Acetate	8.498	43	252398	23.194	ug/l #	92

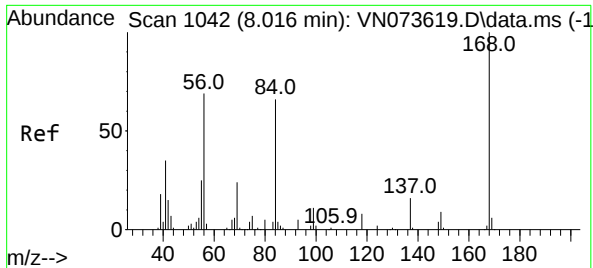
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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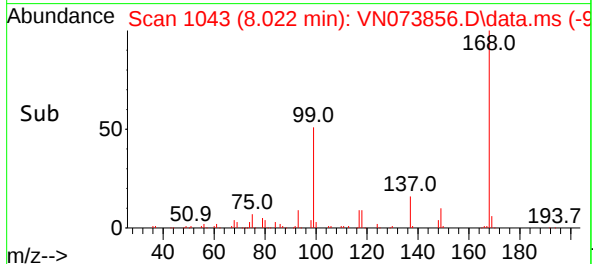
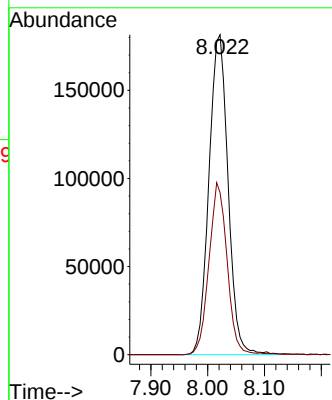
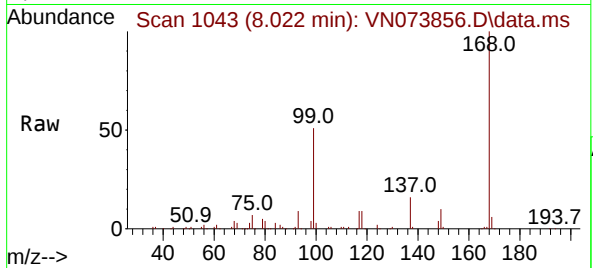




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.022 min Scan# 1042
Delta R.T. 0.006 min
Lab File: VN073856.D
Acq: 12 Aug 2022 17:02

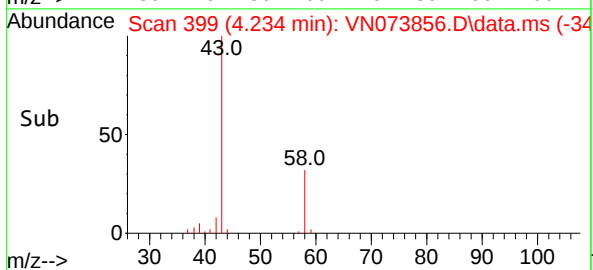
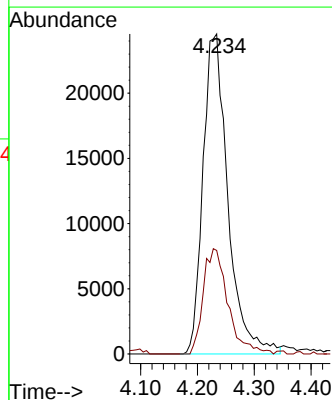
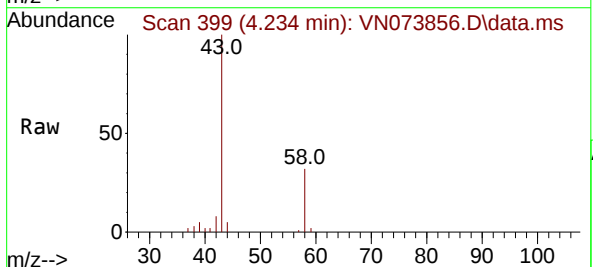
Instrument :
MSVOA_N
ClientSampleId :
PB146944ZHE#03

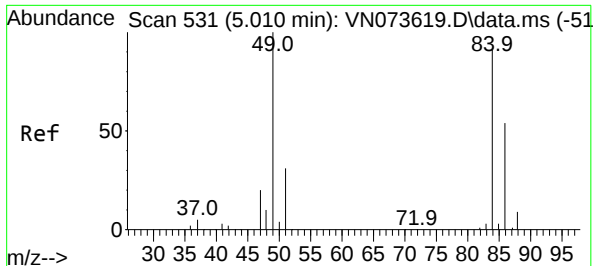
Tgt Ion:168 Resp: 423772
Ion Ratio Lower Upper
168 100
99 50.7 42.3 63.5



#16
Acetone
Concen: 26.910 ug/l
RT: 4.234 min Scan# 399
Delta R.T. 0.012 min
Lab File: VN073856.D
Acq: 12 Aug 2022 17:02

Tgt Ion: 43 Resp: 74644
Ion Ratio Lower Upper
43 100
58 32.3 26.0 39.0

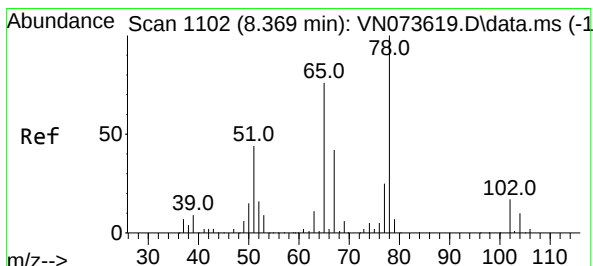
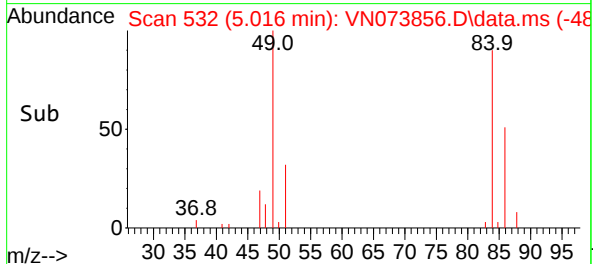
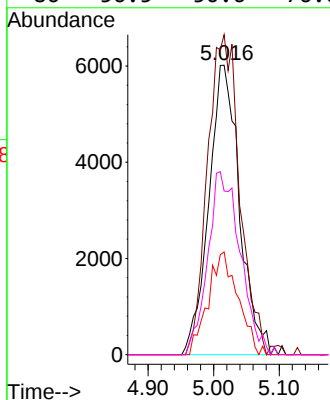
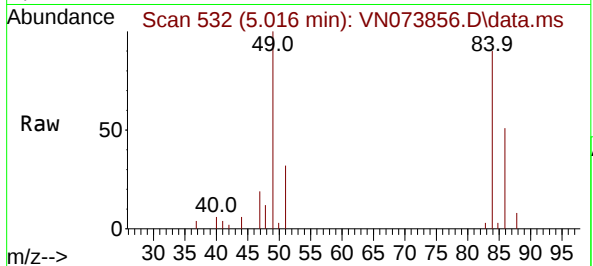




#20
Methylene Chloride
Concen: 2.268 ug/l
RT: 5.016 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN073856.D
Acq: 12 Aug 2022 17:02

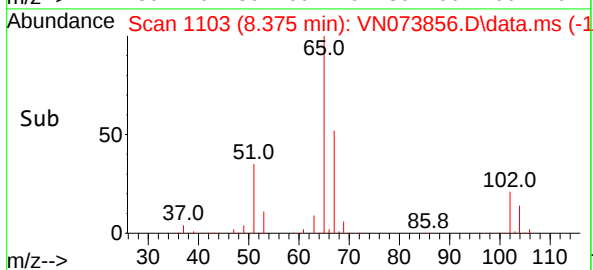
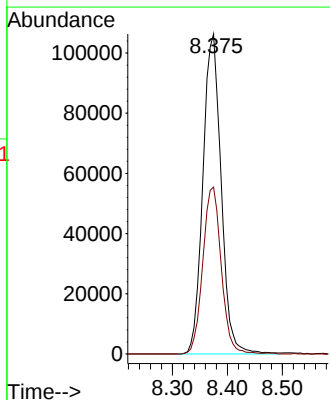
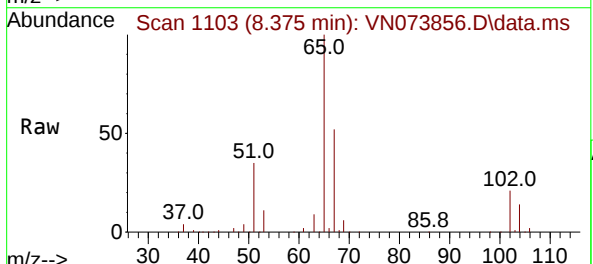
Instrument :
MSVOA_N
ClientSampleId :
PB146944ZHE#03

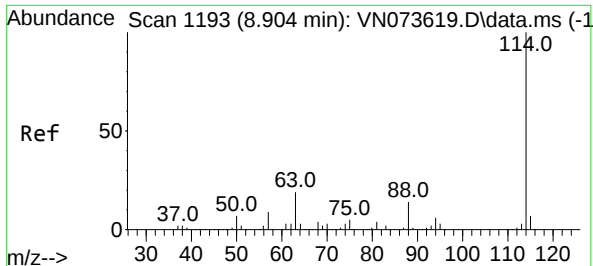
Tgt Ion: 84	Resp: 19619
Ion Ratio	Lower Upper
84 100	
49 110.6	88.3 132.5
51 35.5	28.2 42.2
86 56.5	50.6 76.0



#33
1,2-Dichloroethane-d4
Concen: 47.489 ug/l
RT: 8.375 min Scan# 1103
Delta R.T. 0.006 min
Lab File: VN073856.D
Acq: 12 Aug 2022 17:02

Tgt Ion: 65	Resp: 245248
Ion Ratio	Lower Upper
65 100	
67 52.6	0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. -0.000 min

Lab File: VN073856.D

Acq: 12 Aug 2022 17:02

Instrument :

MSVOA_N

ClientSampleId :

PB146944ZHE#03

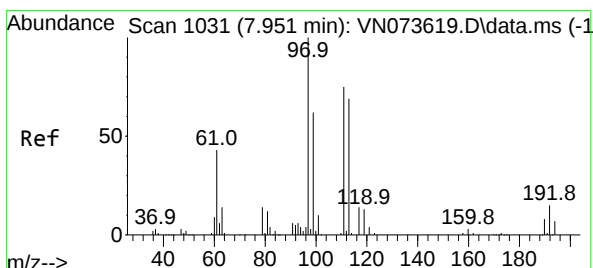
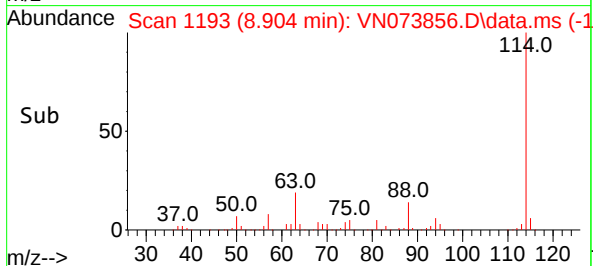
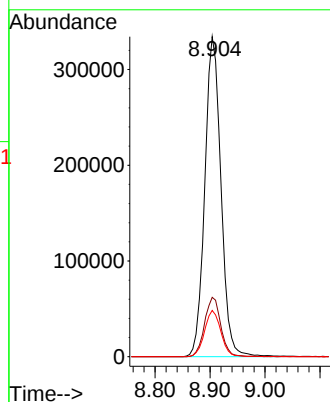
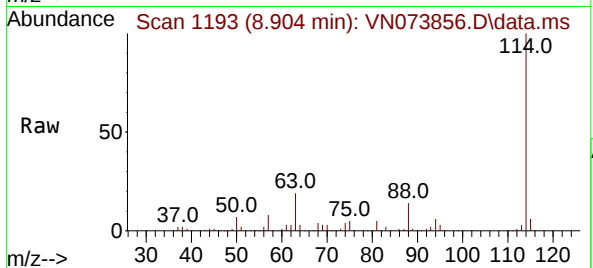
Tgt Ion:114 Resp: 683559

Ion Ratio Lower Upper

114 100

63 18.5 0.0 40.0

88 14.5 0.0 32.6



#35

Dibromofluoromethane

Concen: 53.536 ug/l

RT: 7.957 min Scan# 1032

Delta R.T. 0.006 min

Lab File: VN073856.D

Acq: 12 Aug 2022 17:02

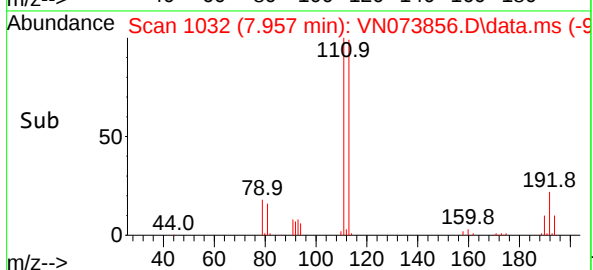
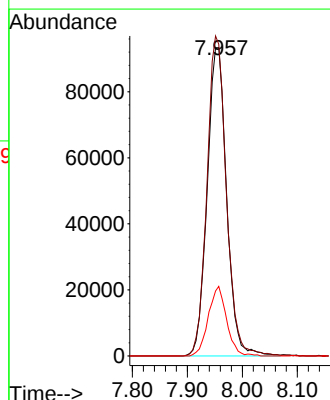
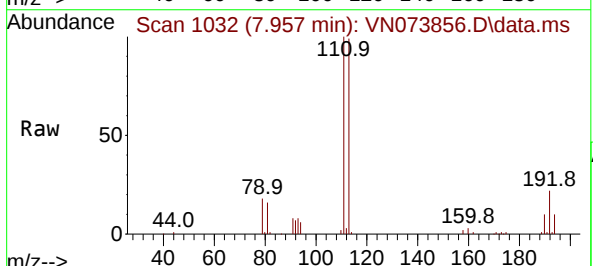
Tgt Ion:113 Resp: 229793

Ion Ratio Lower Upper

113 100

111 103.4 81.4 122.0

192 21.3 17.0 25.6





#37

Ethyl Acetate

Concen: 7.699 ug/l

RT: 7.339 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN073856.D

Acq: 12 Aug 2022 17:02

Instrument :

MSVOA_N

ClientSampleId :

PB146944ZHE#03

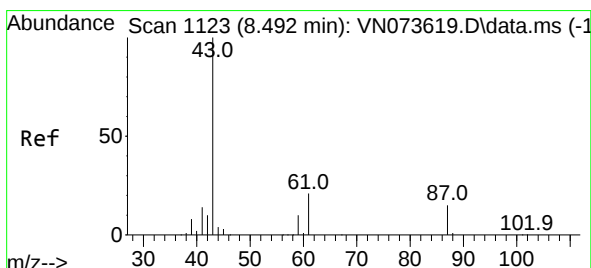
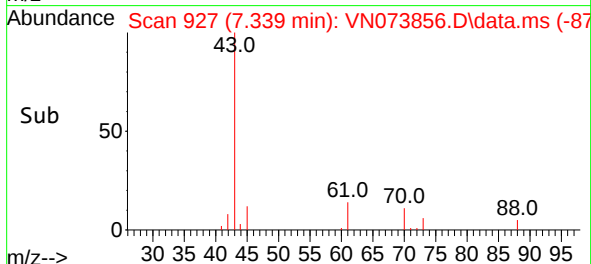
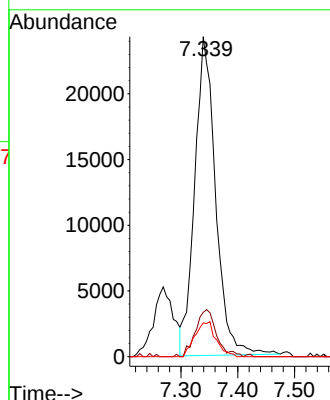
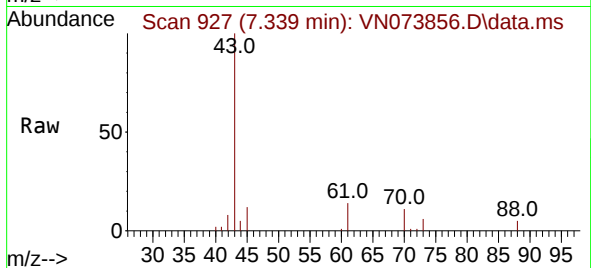
Tgt Ion: 43 Resp: 62028

Ion Ratio Lower Upper

43 100

61 14.8 11.8 17.6

70 11.1 9.3 13.9



#43

Isopropyl Acetate

Concen: 23.194 ug/l

RT: 8.498 min Scan# 1124

Delta R.T. 0.006 min

Lab File: VN073856.D

Acq: 12 Aug 2022 17:02

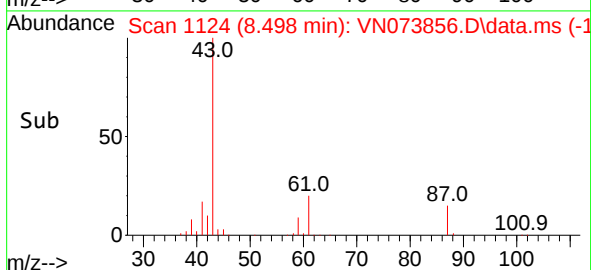
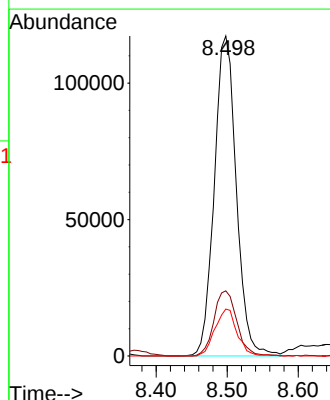
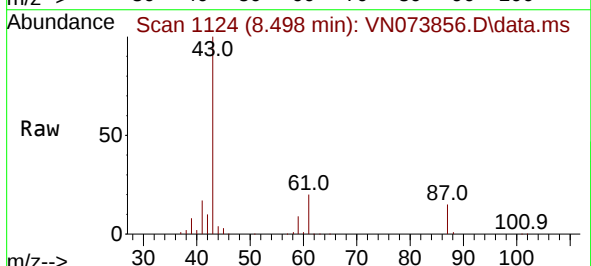
Tgt Ion: 43 Resp: 252398

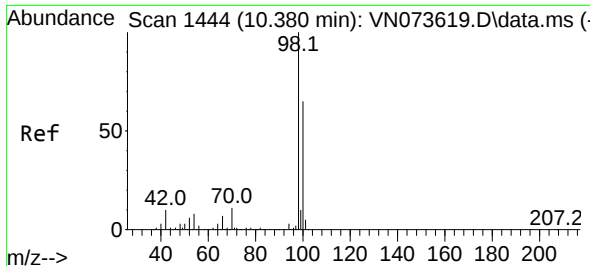
Ion Ratio Lower Upper

43 100

61 21.1 21.9 32.9#

87 14.8 12.0 18.0

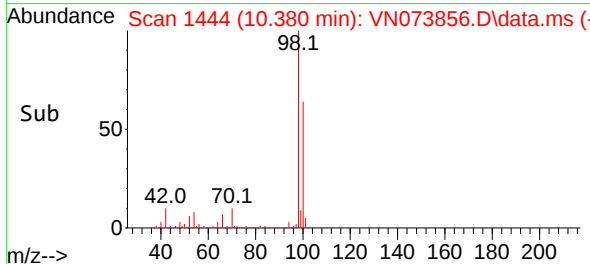
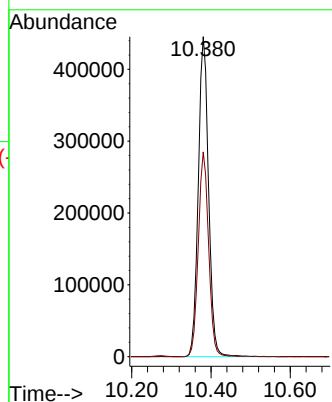
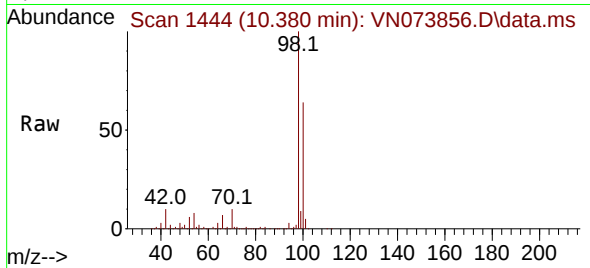




#50
Toluene-d8
Concen: 47.313 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN073856.D
Acq: 12 Aug 2022 17:02

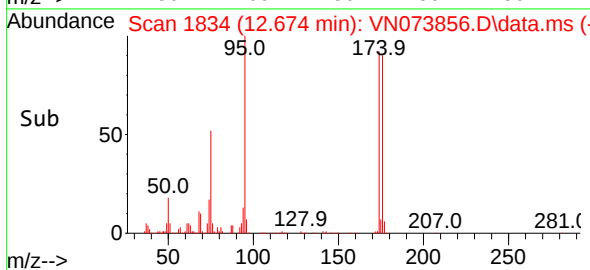
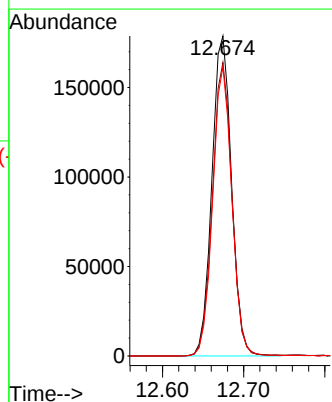
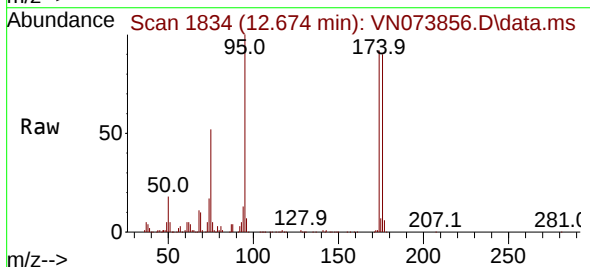
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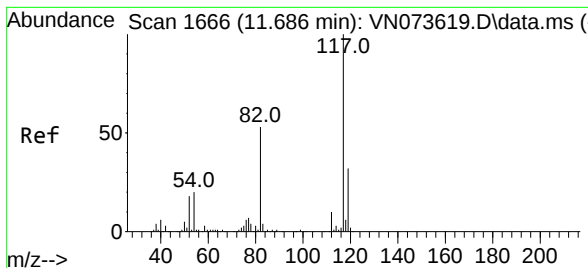
Tgt Ion: 98 Resp: 799153
Ion Ratio Lower Upper
98 100
100 64.3 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 50.524 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN073856.D
Acq: 12 Aug 2022 17:02

Tgt Ion: 95 Resp: 299764
Ion Ratio Lower Upper
95 100
174 91.3 0.0 167.6
176 88.1 0.0 163.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.686 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN073856.D

Acq: 12 Aug 2022 17:02

Instrument :

MSVOA_N

ClientSampleId :

PB146944ZHE#03

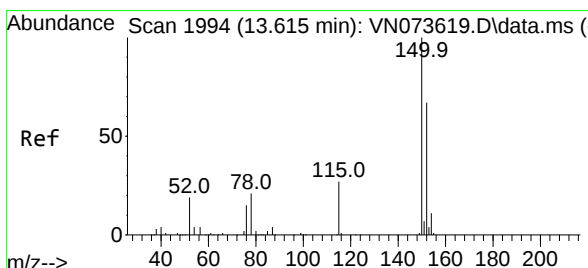
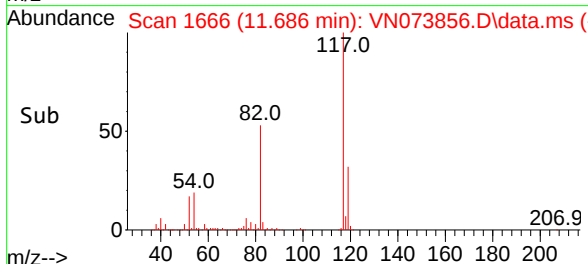
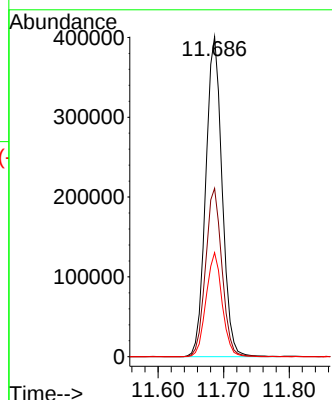
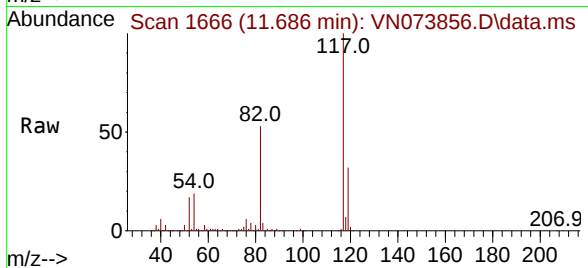
Tgt Ion:117 Resp: 695062

Ion Ratio Lower Upper

117 100

82 52.6 44.2 66.2

119 32.5 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.615 min Scan# 1994

Delta R.T. -0.000 min

Lab File: VN073856.D

Acq: 12 Aug 2022 17:02

Tgt Ion:152 Resp: 325210

Ion Ratio Lower Upper

152 100

115 55.3 28.9 86.7

150 154.3 0.0 356.2

