

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071822\
 Data File : VN073502.D
 Acq On : 18 Jul 2022 16:29
 Operator : JC\MD
 Sample : PB146254ZHE#02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB146254ZHE#02

Quant Time: Jul 19 07:04:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 01:54:03 2022
 Response via : Initial Calibration

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

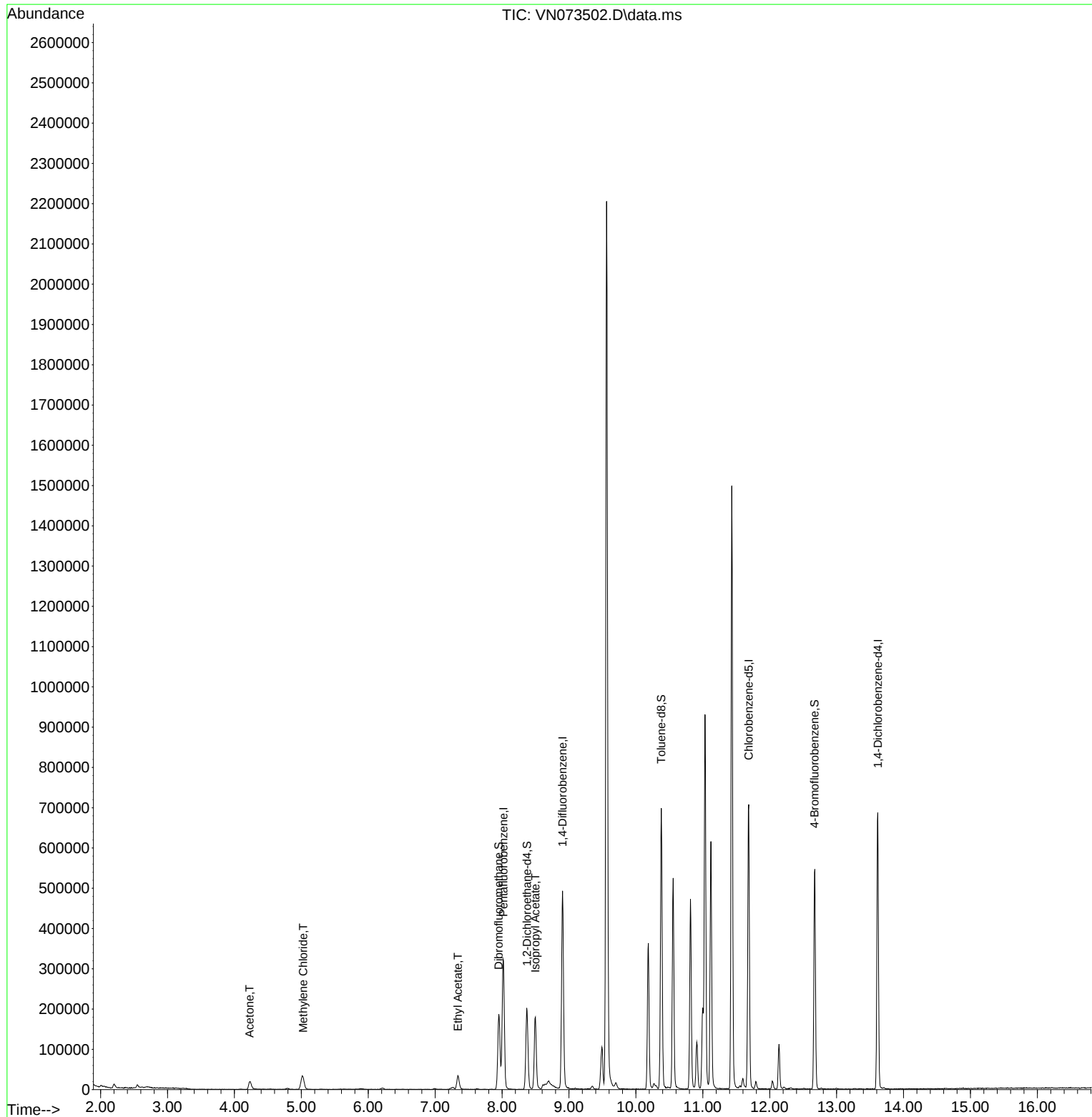
Internal Standards						
1) Pentafluorobenzene	8.022	168	238521	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	425188	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	402267	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	180241	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	168130	48.828	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.660%
35) Dibromofluoromethane	7.951	113	137944	48.763	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.520%
50) Toluene-d8	10.380	98	456094	45.396	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	90.800%
62) 4-Bromofluorobenzene	12.668	95	188146	48.729	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.460%
Target Compounds						
					Qvalue	
16) Acetone	4.228	43	38828	20.089	ug/l	98
20) Methylene Chloride	5.028	84	27491	8.093	ug/l	94
37) Ethyl Acetate	7.339	43	57006	8.668	ug/l #	93
43) Isopropyl Acetate	8.498	43	216407	22.895	ug/l #	85

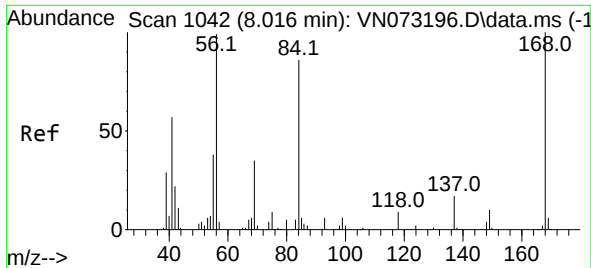
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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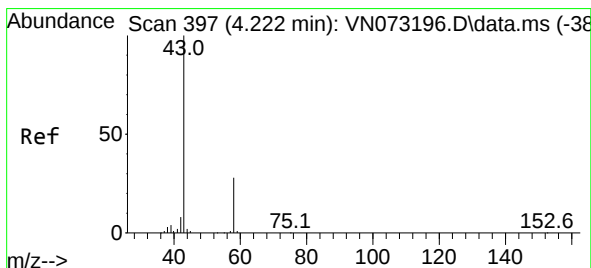
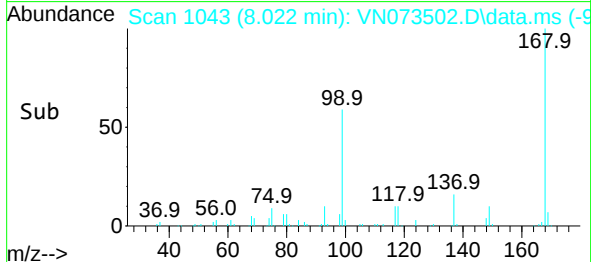
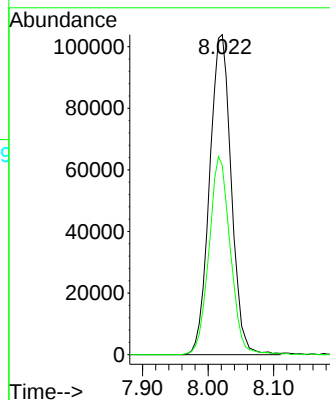
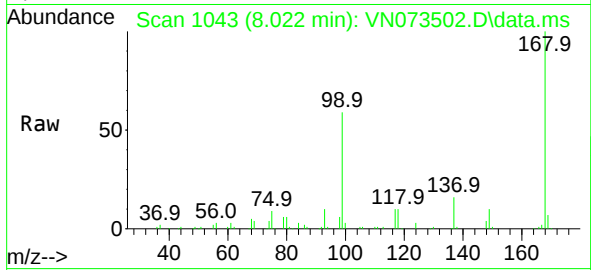




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. 0.006 min
Lab File: VN073502.D
Acq: 18 Jul 2022 16:29

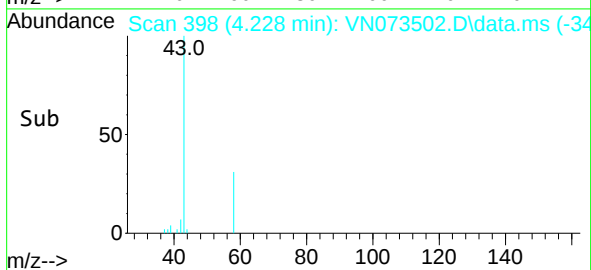
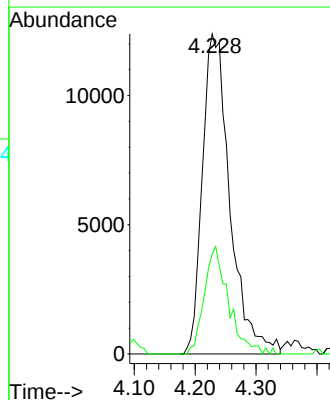
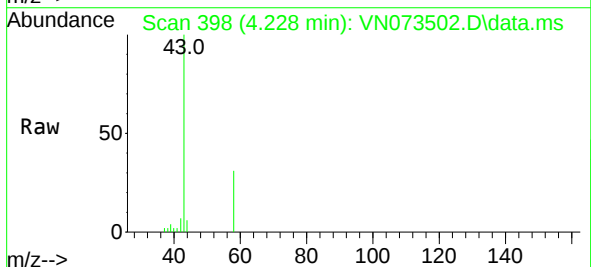
Instrument :
MSVOA_N
ClientSampleId :
PB146254ZHE#02

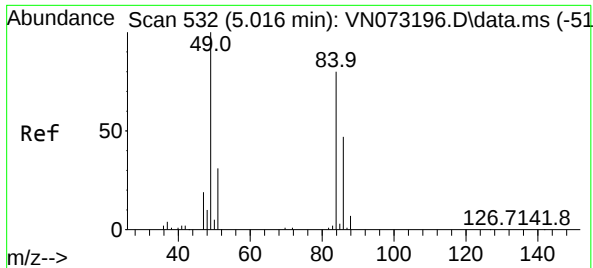
Tgt Ion:168 Resp: 238521
Ion Ratio Lower Upper
168 100
99 59.1 42.3 63.5



#16
Acetone
Concen: 20.089 ug/l
RT: 4.228 min Scan# 398
Delta R.T. 0.006 min
Lab File: VN073502.D
Acq: 18 Jul 2022 16:29

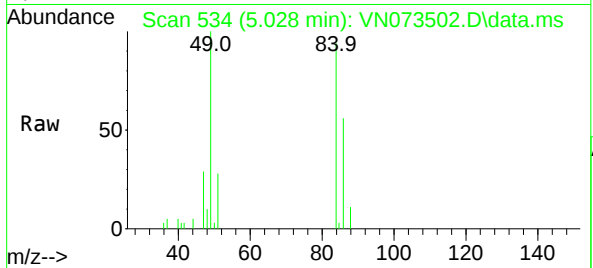
Tgt Ion: 43 Resp: 38828
Ion Ratio Lower Upper
43 100
58 31.2 26.0 39.0



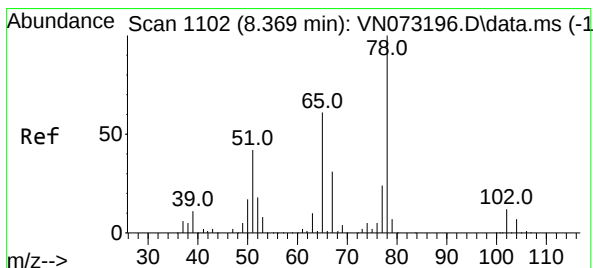
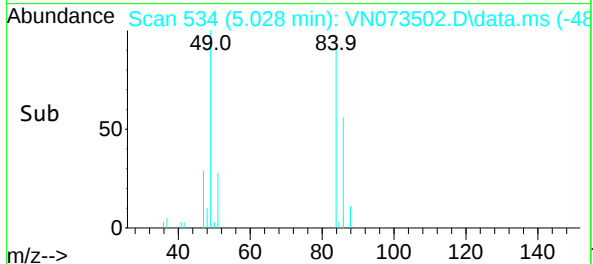
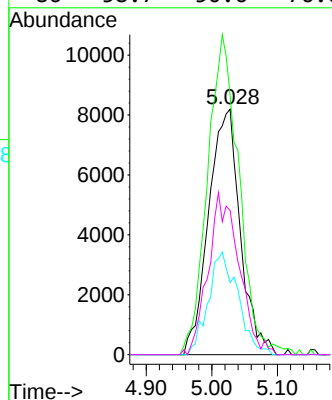


#20
Methylene Chloride
Concen: 8.093 ug/l
RT: 5.028 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN073502.D
Acq: 18 Jul 2022 16:29

Instrument :
MSVOA_N
ClientSampleId :
PB146254ZHE#02

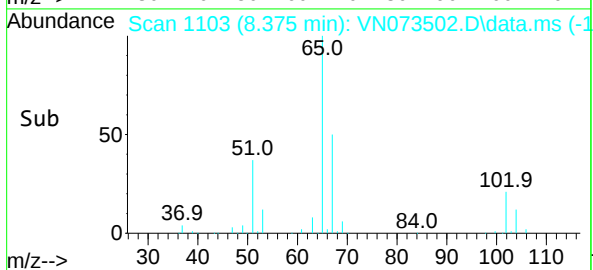
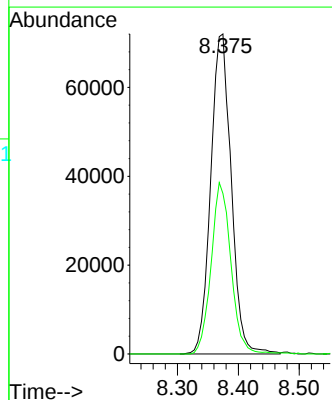
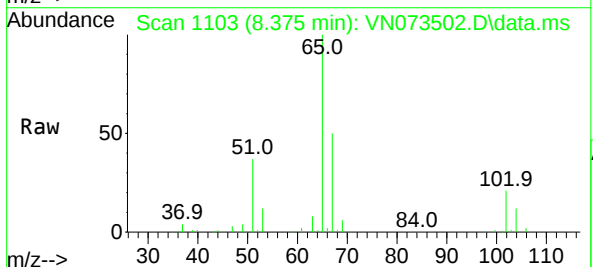


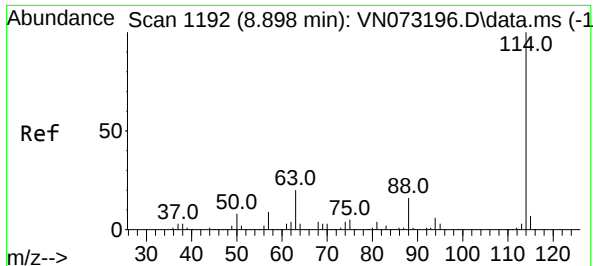
Tgt Ion:	84	Resp:	27491
Ion	Ratio	Lower	Upper
84	100		
49	105.8	88.3	132.5
51	29.4	28.2	42.2
86	58.7	50.6	76.0



#33
1,2-Dichloroethane-d4
Concen: 48.828 ug/l
RT: 8.375 min Scan# 1103
Delta R.T. 0.006 min
Lab File: VN073502.D
Acq: 18 Jul 2022 16:29

Tgt Ion:	65	Resp:	168130
Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.006 min

Lab File: VN073502.D

Acq: 18 Jul 2022 16:29

Instrument :

MSVOA_N

ClientSampleId :

PB146254ZHE#02

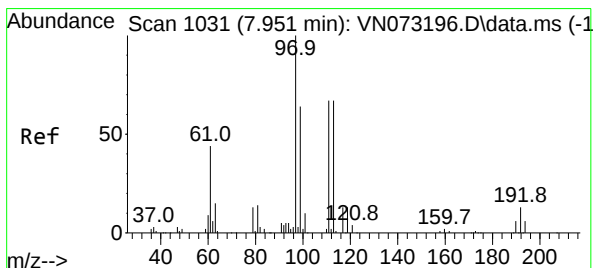
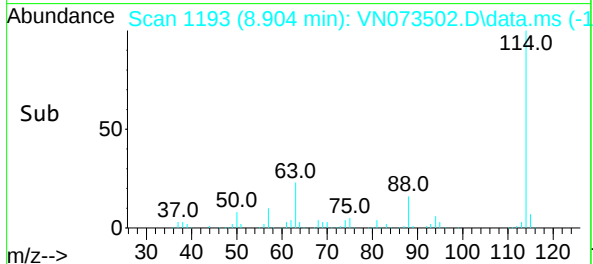
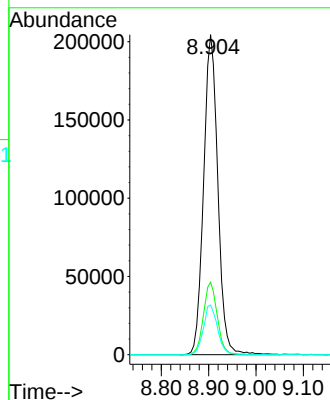
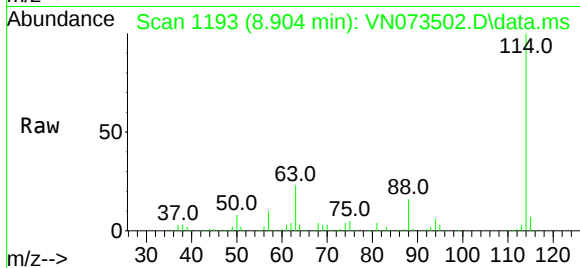
Tgt Ion:114 Resp: 425188

Ion Ratio Lower Upper

114 100

63 22.7 0.0 40.0

88 15.5 0.0 32.6



#35

Dibromofluoromethane

Concen: 48.763 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073502.D

Acq: 18 Jul 2022 16:29

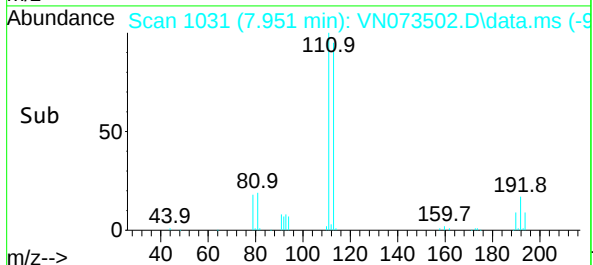
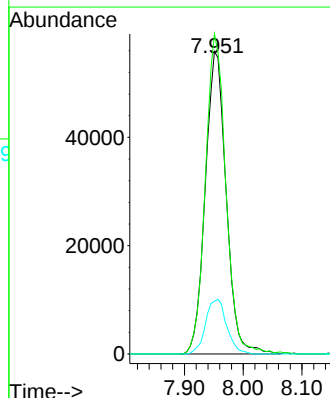
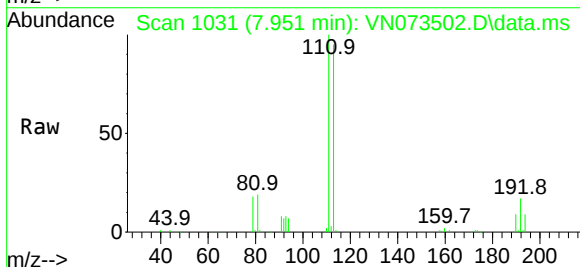
Tgt Ion:113 Resp: 137944

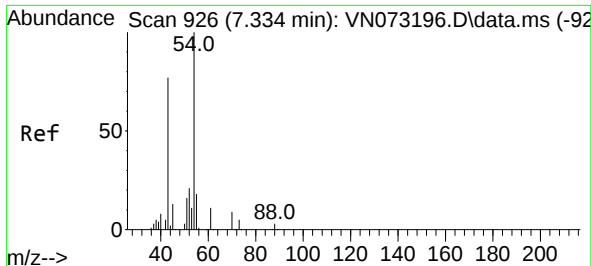
Ion Ratio Lower Upper

113 100

111 103.6 81.4 122.0

192 18.2 17.0 25.6

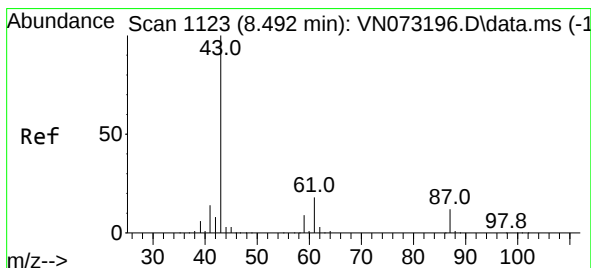
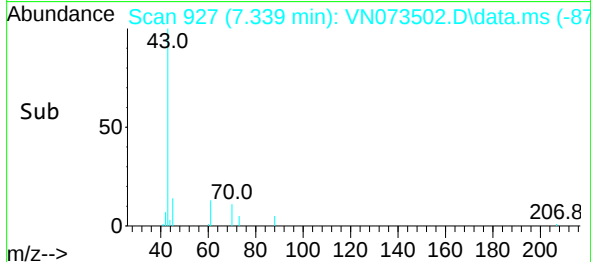
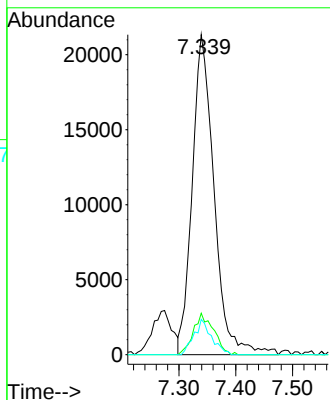
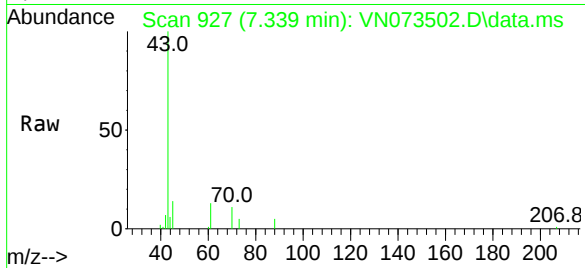




#37
Ethyl Acetate
Concen: 8.668 ug/l
RT: 7.339 min Scan# 91
Delta R.T. 0.005 min
Lab File: VN073502.D
Acq: 18 Jul 2022 16:29

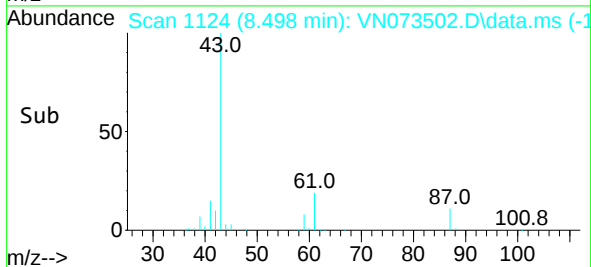
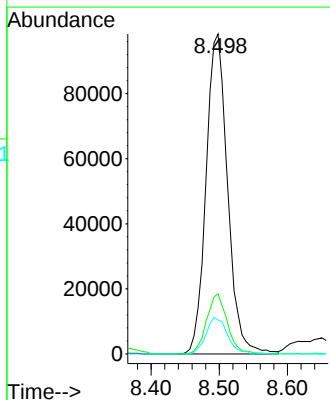
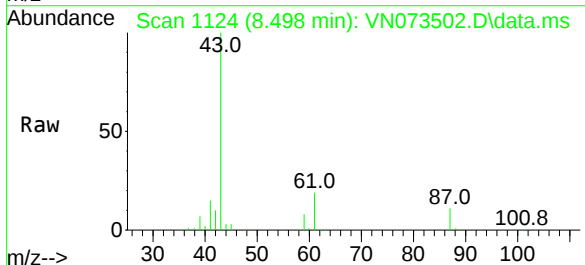
Instrument :
MSVOA_N
ClientSampleId :
PB146254ZHE#02

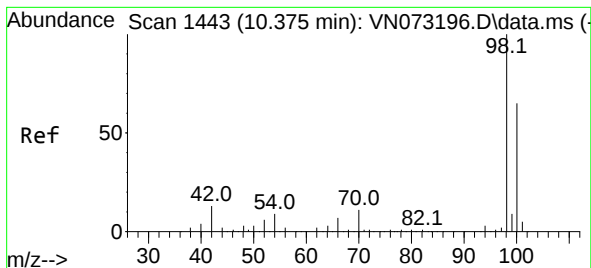
Tgt Ion: 43 Resp: 57006
Ion Ratio Lower Upper
43 100
61 12.0 11.8 17.6
70 8.9 9.3 13.9#



#43
Isopropyl Acetate
Concen: 22.895 ug/l
RT: 8.498 min Scan# 1124
Delta R.T. 0.006 min
Lab File: VN073502.D
Acq: 18 Jul 2022 16:29

Tgt Ion: 43 Resp: 216407
Ion Ratio Lower Upper
43 100
61 18.1 21.9 32.9#
87 11.4 12.0 18.0#





#50

Toluene-d8

Concen: 45.396 ug/l

RT: 10.380 min Scan# 1444

Delta R.T. 0.005 min

Lab File: VN073502.D

Acq: 18 Jul 2022 16:29

Instrument :

MSVOA_N

ClientSampleId :

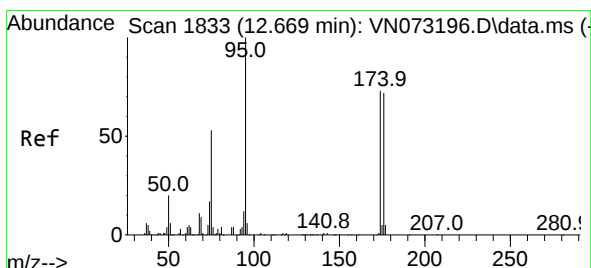
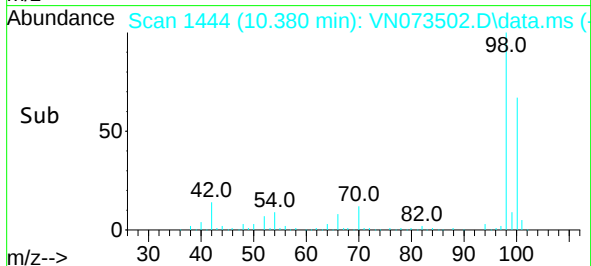
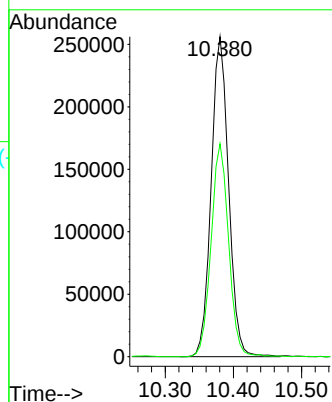
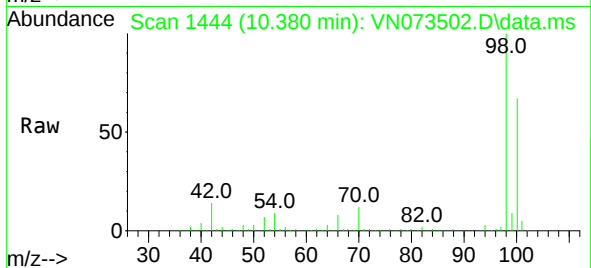
PB146254ZHE#02

Tgt Ion: 98 Resp: 456094

Ion Ratio Lower Upper

98 100

100 67.0 52.6 78.8



#62

4-Bromofluorobenzene

Concen: 48.729 ug/l

RT: 12.668 min Scan# 1833

Delta R.T. -0.001 min

Lab File: VN073502.D

Acq: 18 Jul 2022 16:29

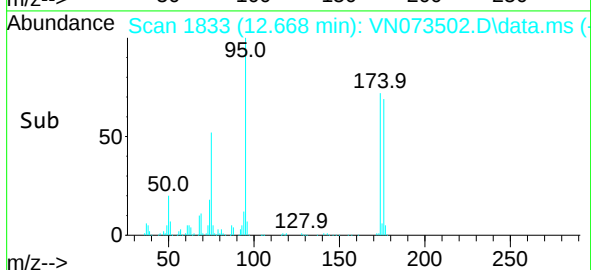
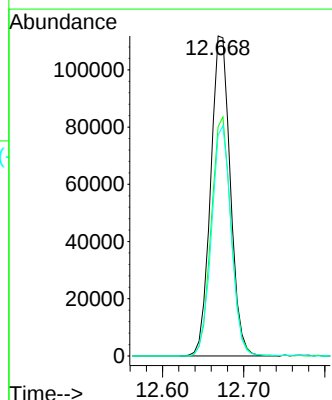
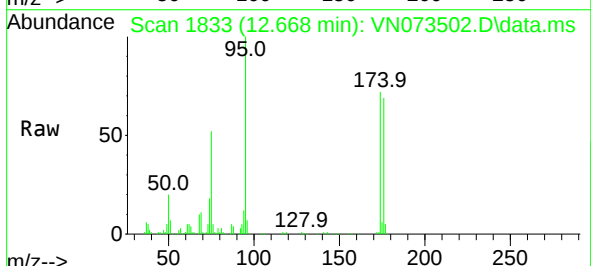
Tgt Ion: 95 Resp: 188146

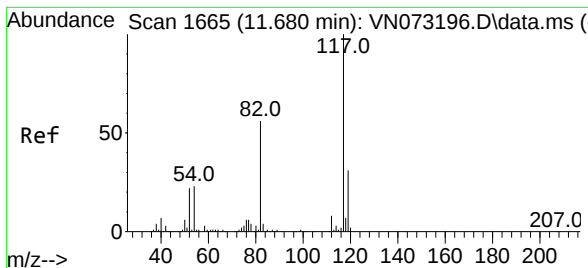
Ion Ratio Lower Upper

95 100

174 74.8 0.0 167.6

176 71.9 0.0 163.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.686 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN073502.D

Acq: 18 Jul 2022 16:29

Instrument :

MSVOA_N

ClientSampleId :

PB146254ZHE#02

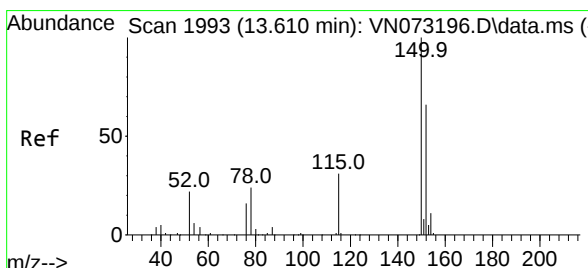
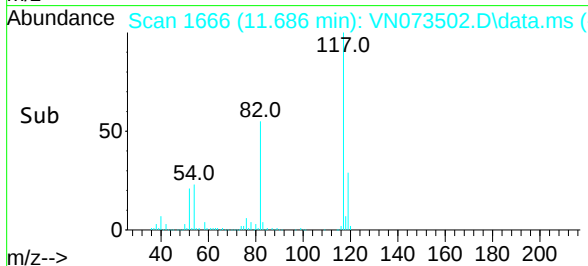
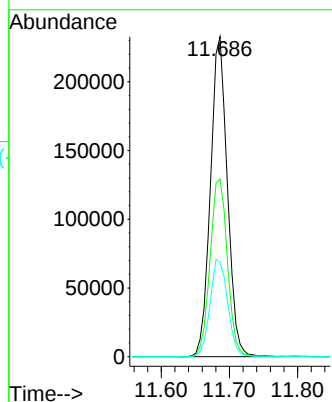
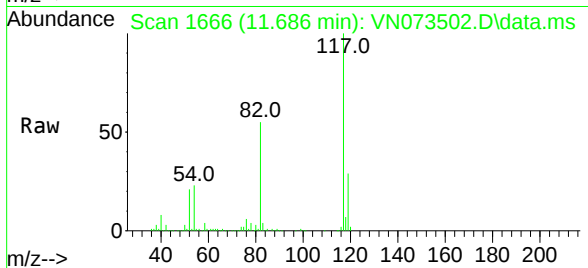
Tgt Ion:117 Resp: 402267

Ion Ratio Lower Upper

117 100

82 55.4 44.2 66.2

119 29.5 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.615 min Scan# 1994

Delta R.T. 0.005 min

Lab File: VN073502.D

Acq: 18 Jul 2022 16:29

Tgt Ion:152 Resp: 180241

Ion Ratio Lower Upper

152 100

115 60.4 28.9 86.7

150 157.3 0.0 356.2

