

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081622\
 Data File : VN073945.D
 Acq On : 16 Aug 2022 13:44
 Operator : JC\MD
 Sample : PB146976ZHE#01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB146976ZHE#01

Quant Time: Aug 17 01:13:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081522W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 16 00:45:21 2022
 Response via : Initial Calibration

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

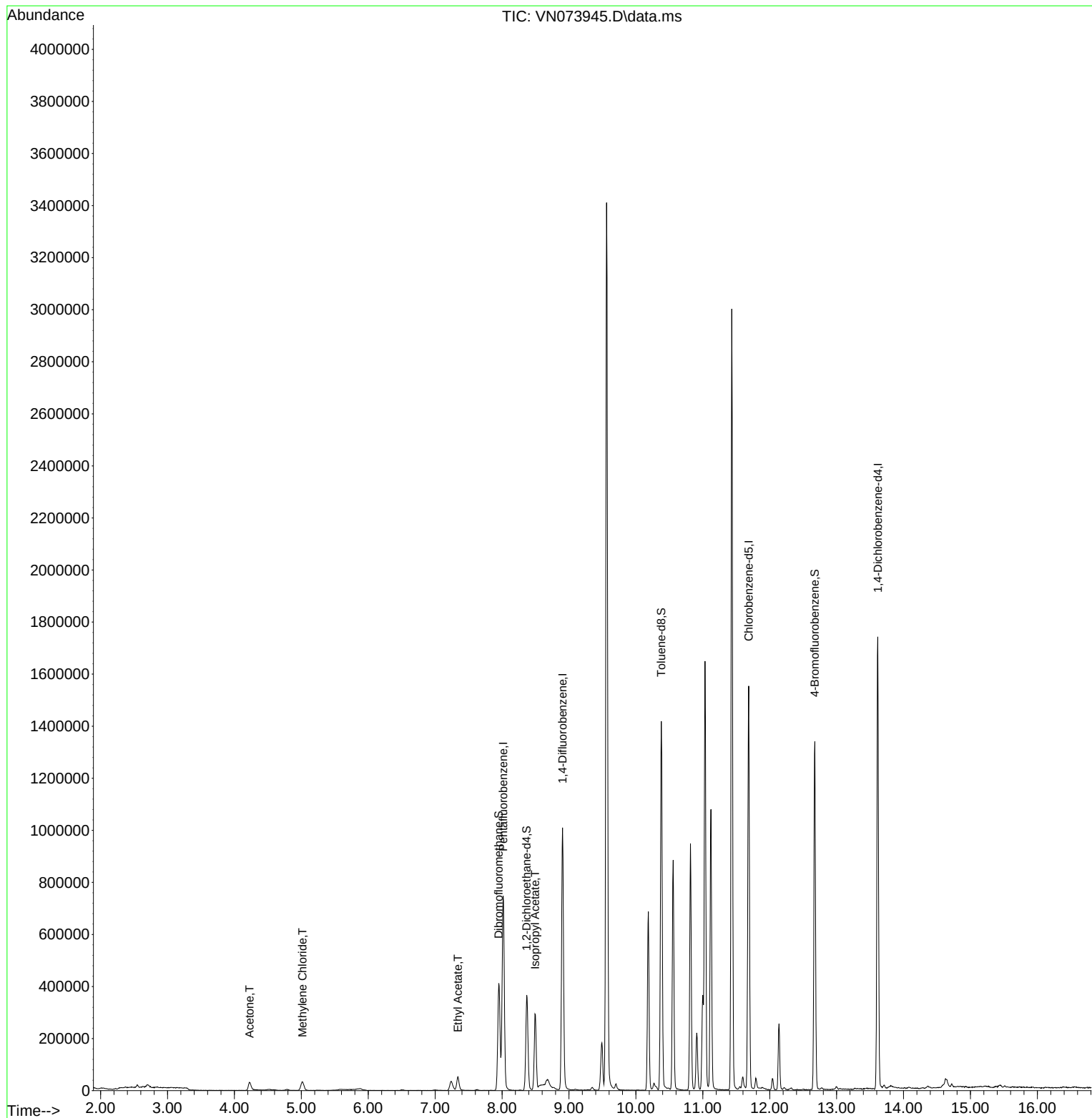
Internal Standards						
1) Pentafluorobenzene	8.016	168	654039	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	948517	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	942304	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	521454	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	308859	48.484	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.960%
35) Dibromofluoromethane	7.951	113	303001	54.016	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	108.040%
50) Toluene-d8	10.380	98	1026049	47.229	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.460%
62) 4-Bromofluorobenzene	12.674	95	441160	61.187	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	122.380%
Target Compounds						
					Qvalue	
16) Acetone	4.228	43	61187	20.359	ug/l	91
20) Methylene Chloride	5.016	84	29583	4.665	ug/l	91
37) Ethyl Acetate	7.339	43	77142	8.173	ug/l	99
43) Isopropyl Acetate	8.492	43	322060	23.951	ug/l	92

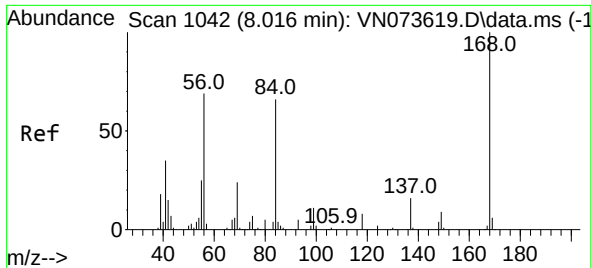
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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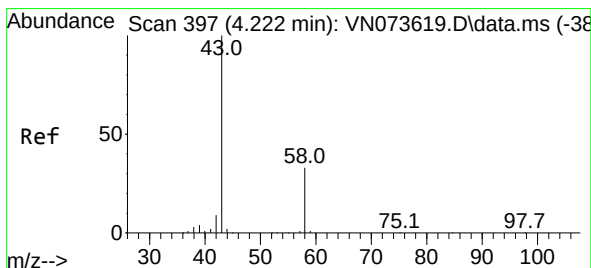
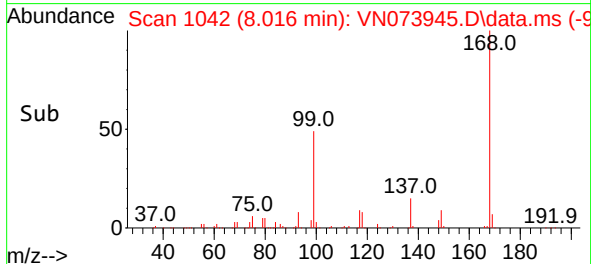
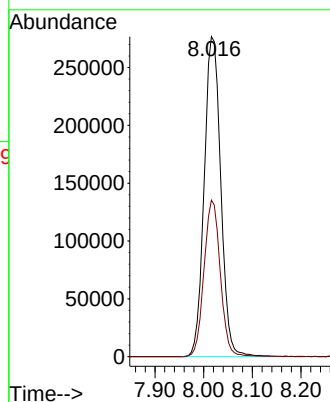
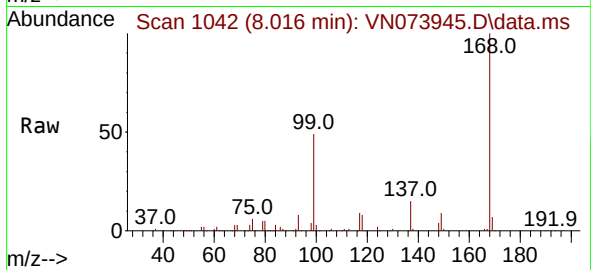




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073945.D
Acq: 16 Aug 2022 13:44

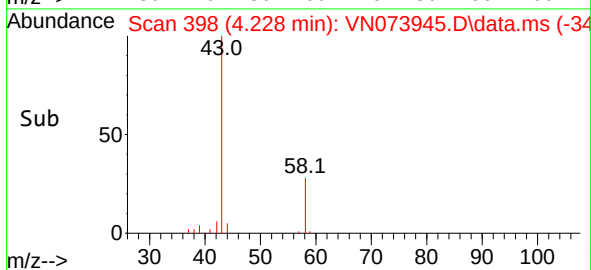
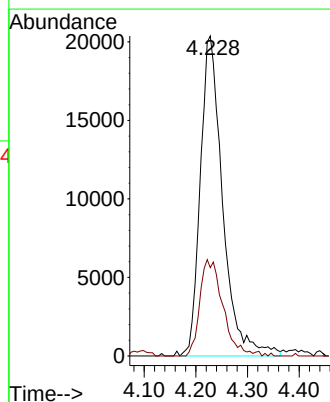
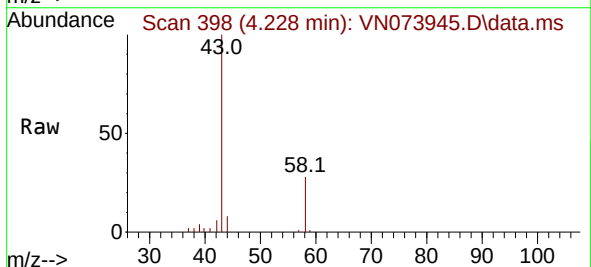
Instrument :
MSVOA_N
ClientSampleId :
PB146976ZHE#01

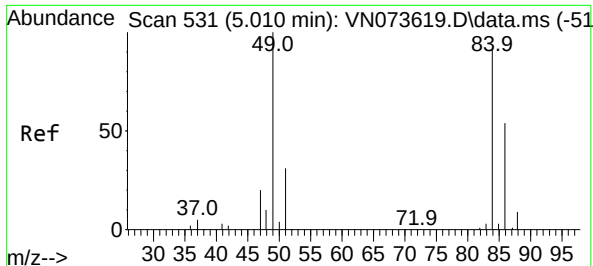
Tgt Ion:168 Resp: 654039
Ion Ratio Lower Upper
168 100
99 49.0 42.3 63.5



#16
Acetone
Concen: 20.359 ug/l
RT: 4.228 min Scan# 398
Delta R.T. 0.006 min
Lab File: VN073945.D
Acq: 16 Aug 2022 13:44

Tgt Ion: 43 Resp: 61187
Ion Ratio Lower Upper
43 100
58 27.6 26.0 39.0

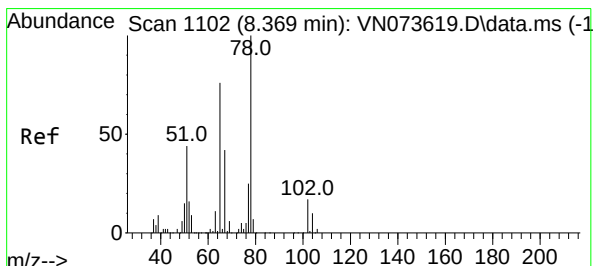
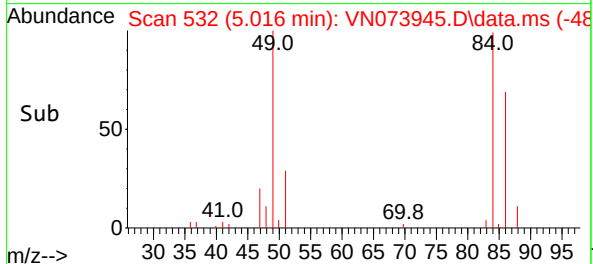
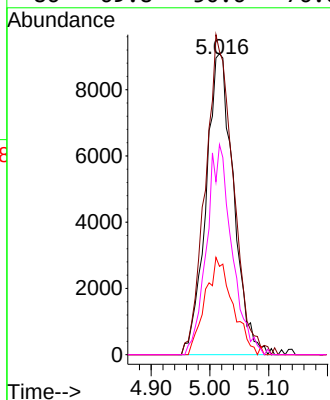
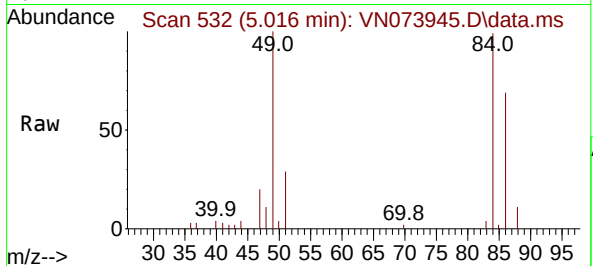




#20
Methylene Chloride
Concen: 4.665 ug/l
RT: 5.016 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN073945.D
Acq: 16 Aug 2022 13:44

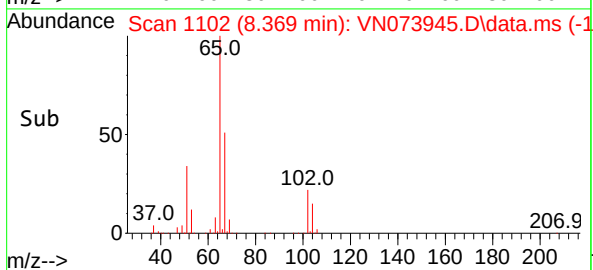
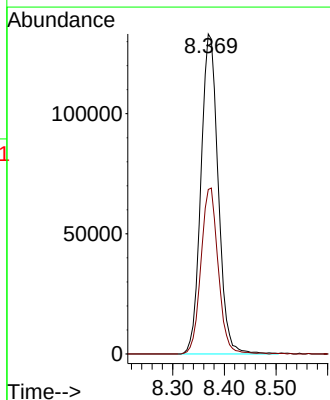
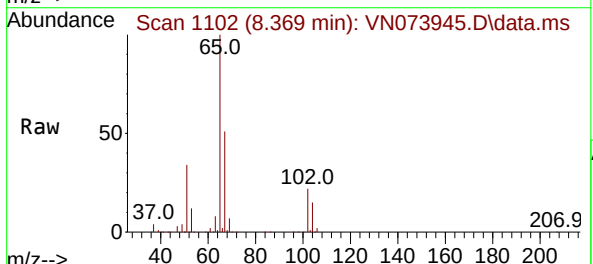
Instrument :
MSVOA_N
ClientSampleId :
PB146976ZHE#01

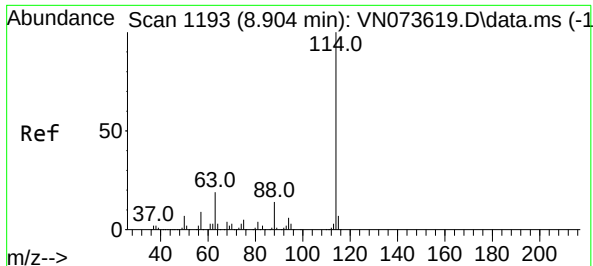
Tgt Ion:	84	Resp:	29583
Ion	Ratio	Lower	Upper
84	100		
49	100.8	88.3	132.5
51	29.3	28.2	42.2
86	69.8	50.6	76.0



#33
1,2-Dichloroethane-d4
Concen: 48.484 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN073945.D
Acq: 16 Aug 2022 13:44

Tgt Ion:	65	Resp:	308859
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. 0.000 min

Lab File: VN073945.D

Acq: 16 Aug 2022 13:44

Instrument :

MSVOA_N

ClientSampleId :

PB146976ZHE#01

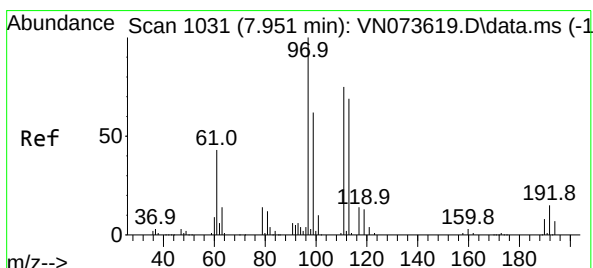
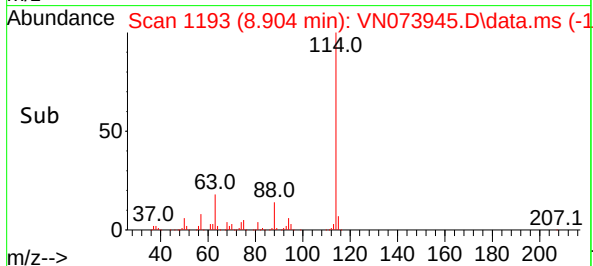
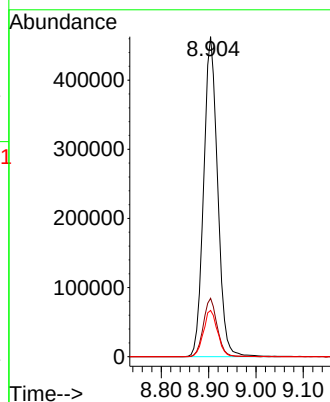
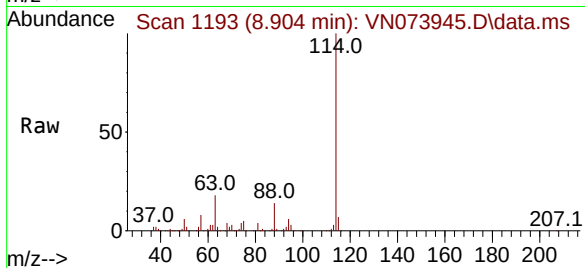
Tgt Ion:114 Resp: 948517

Ion Ratio Lower Upper

114 100

63 18.2 0.0 40.0

88 14.4 0.0 32.6



#35

Dibromofluoromethane

Concen: 54.016 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073945.D

Acq: 16 Aug 2022 13:44

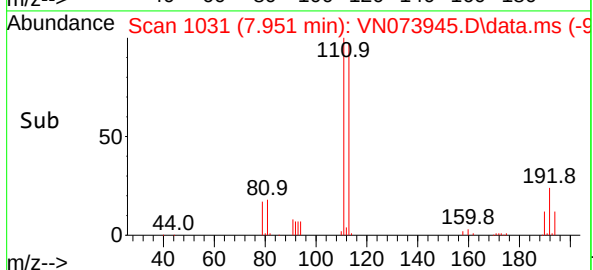
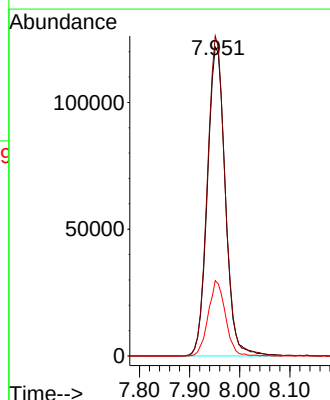
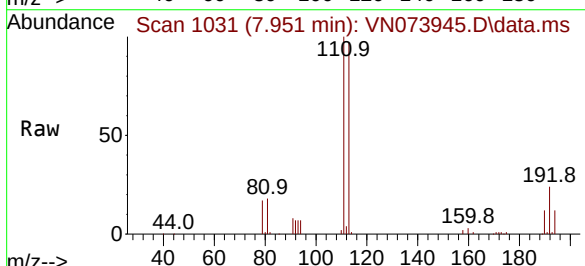
Tgt Ion:113 Resp: 303001

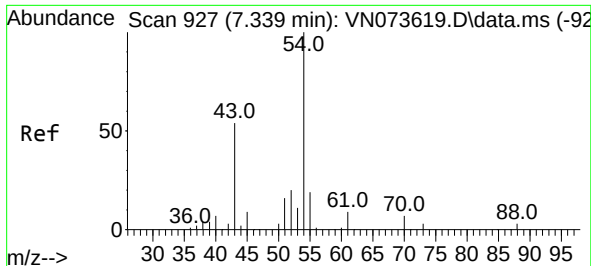
Ion Ratio Lower Upper

113 100

111 102.6 81.4 122.0

192 23.4 17.0 25.6





#37

Ethyl Acetate

Concen: 8.173 ug/l

RT: 7.339 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN073945.D

Acq: 16 Aug 2022 13:44

Instrument :

MSVOA_N

ClientSampleId :

PB146976ZHE#01

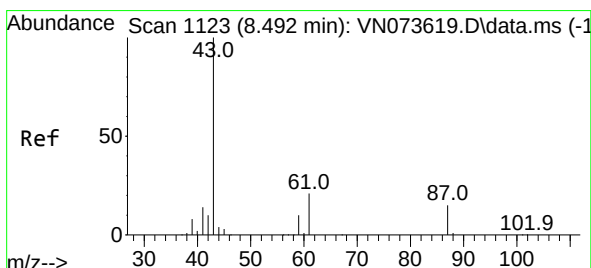
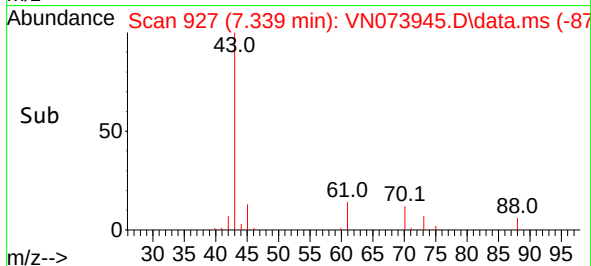
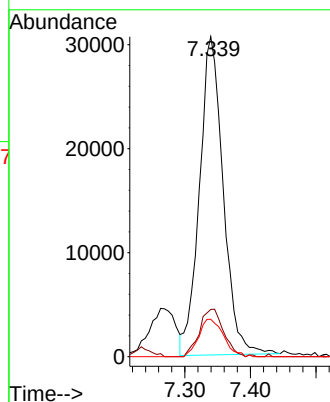
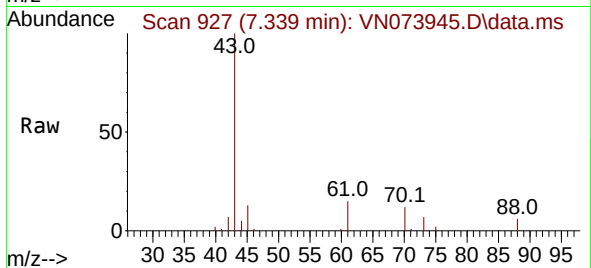
Tgt Ion: 43 Resp: 77142

Ion Ratio Lower Upper

43 100

61 15.1 11.8 17.6

70 12.3 9.3 13.9



#43

Isopropyl Acetate

Concen: 23.951 ug/l

RT: 8.492 min Scan# 1123

Delta R.T. 0.000 min

Lab File: VN073945.D

Acq: 16 Aug 2022 13:44

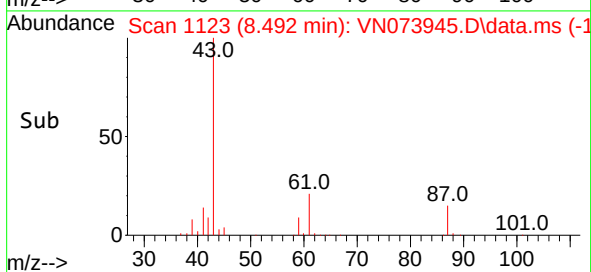
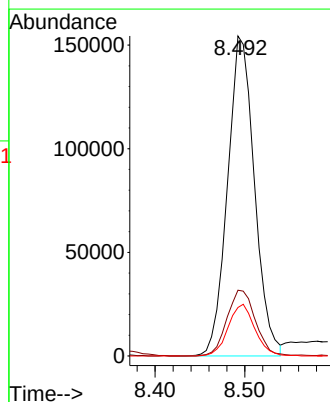
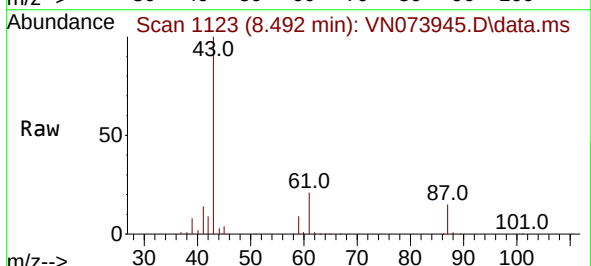
Tgt Ion: 43 Resp: 322060

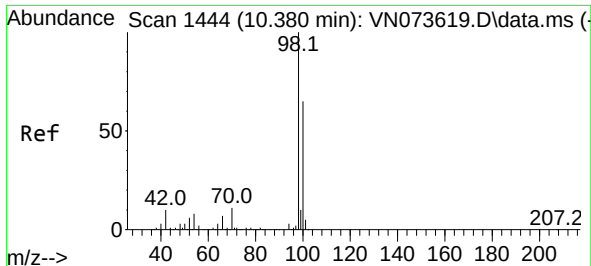
Ion Ratio Lower Upper

43 100

61 21.9 21.9 32.9

87 16.0 12.0 18.0

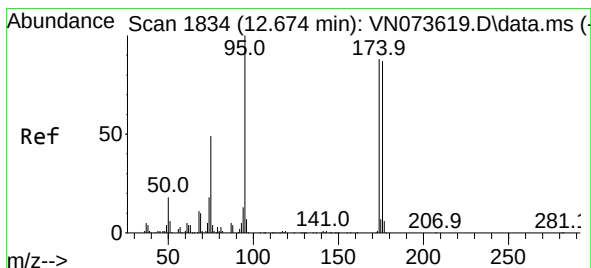
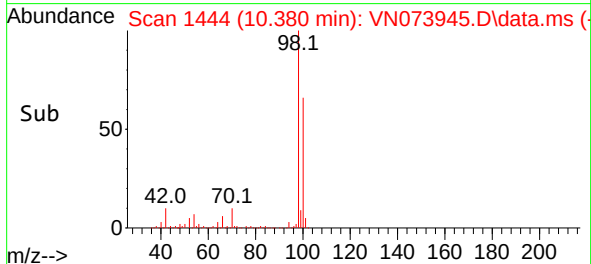
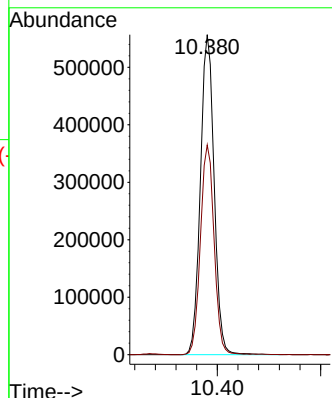
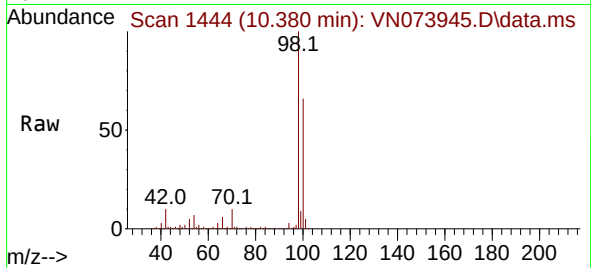




#50
Toluene-d8
Concen: 47.229 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN073945.D
Acq: 16 Aug 2022 13:44

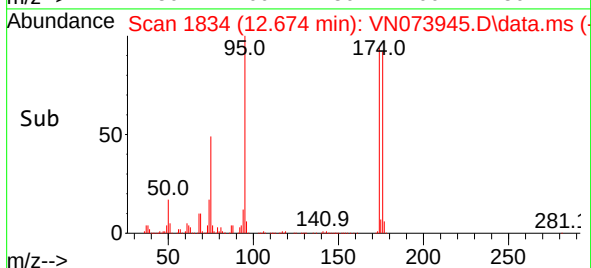
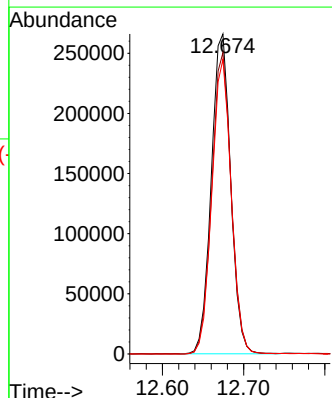
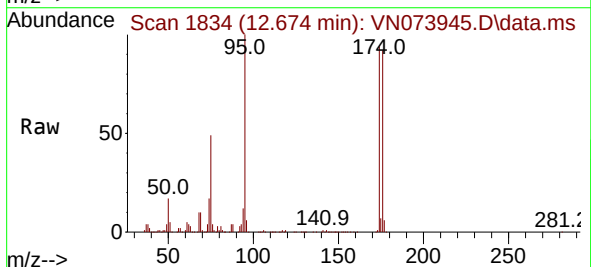
Instrument :
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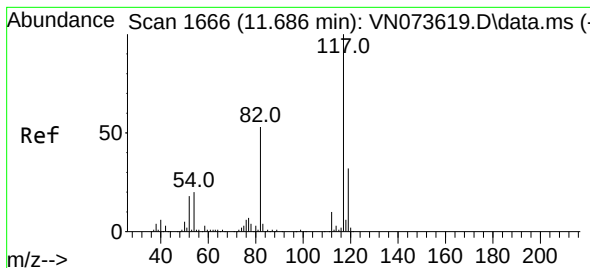
Tgt Ion: 98 Resp: 1026049
Ion Ratio Lower Upper
98 100
100 65.3 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 61.187 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN073945.D
Acq: 16 Aug 2022 13:44

Tgt Ion: 95 Resp: 441160
Ion Ratio Lower Upper
95 100
174 94.5 0.0 167.6
176 91.6 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: VN073945.D

Acq: 16 Aug 2022 13:44

Instrument :

MSVOA_N

ClientSampleId :

PB146976ZHE#01

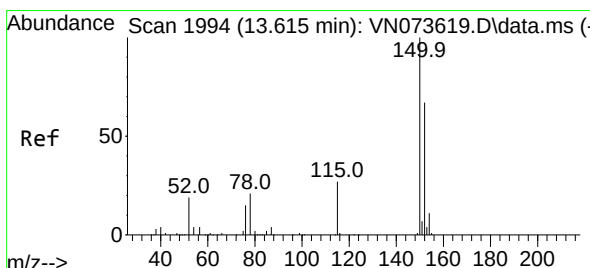
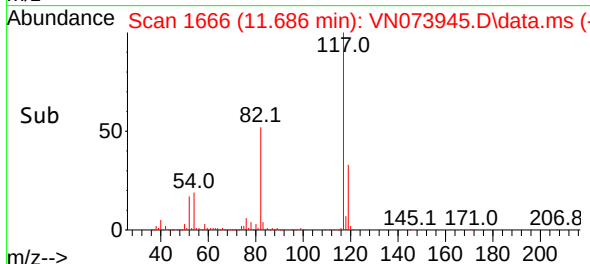
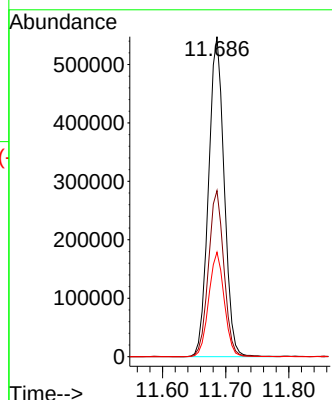
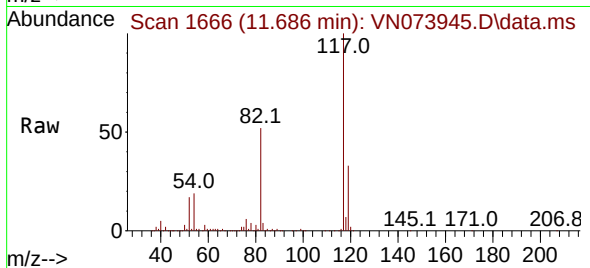
Tgt Ion:117 Resp: 942304

Ion Ratio Lower Upper

117 100

82 51.9 44.2 66.2

119 32.6 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.616 min Scan# 1994

Delta R.T. 0.001 min

Lab File: VN073945.D

Acq: 16 Aug 2022 13:44

Tgt Ion:152 Resp: 521454

Ion Ratio Lower Upper

152 100

115 54.7 28.9 86.7

150 157.0 0.0 356.2

