

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080922\
 Data File : VN073784.D
 Acq On : 09 Aug 2022 12:58
 Operator : JC\MD
 Sample : PB146833ZHE#01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB146833ZHE#01

Quant Time: Aug 09 21:07:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072822W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 29 02:20:25 2022
 Response via : Initial Calibration

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

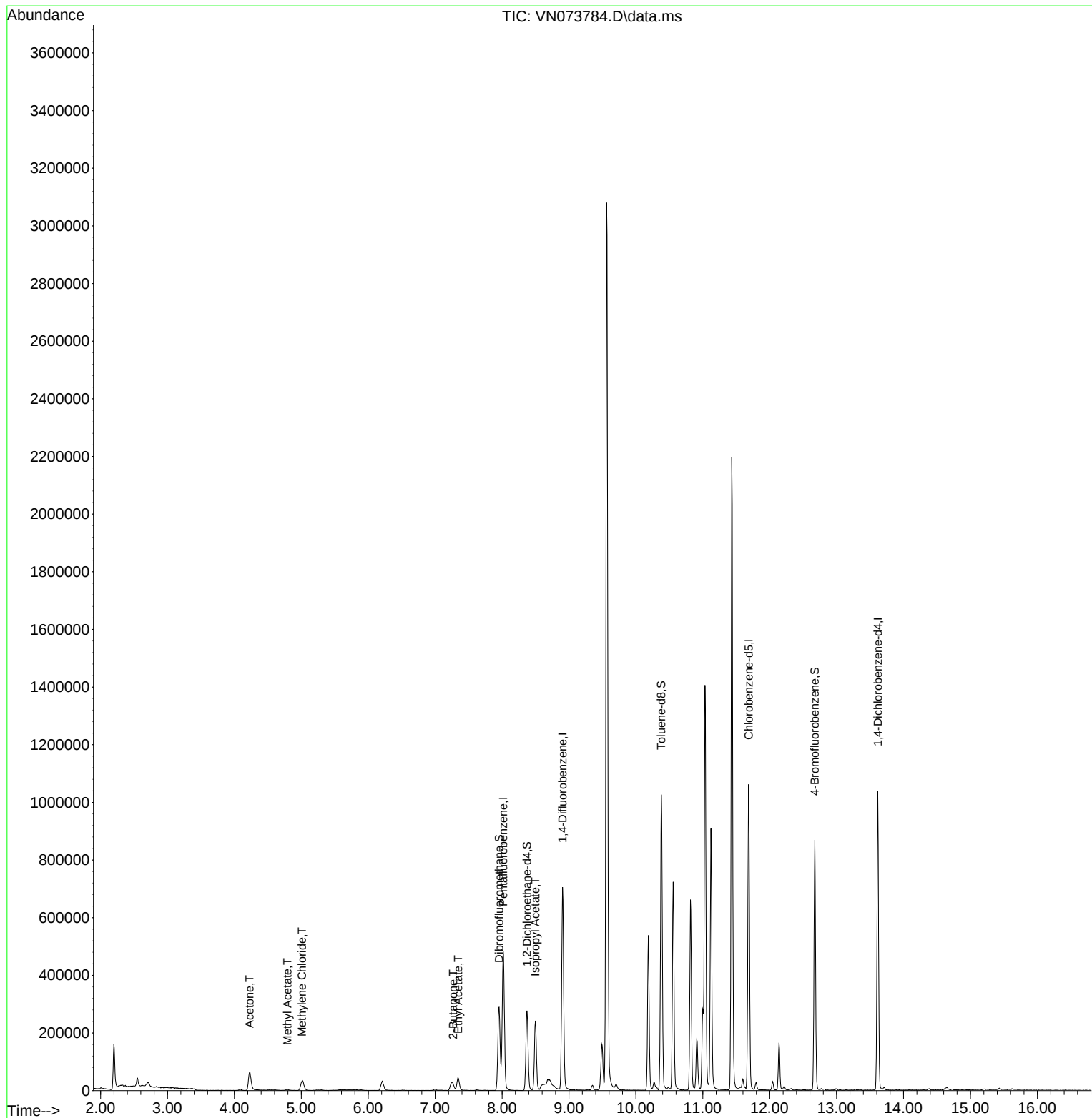
Internal Standards						
1) Pentafluorobenzene	8.016	168	393207	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	645893	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	640696	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	296092	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	226981	47.368	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.740%
35) Dibromofluoromethane	7.957	113	217123	53.534	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	107.060%
50) Toluene-d8	10.380	98	739452	46.331	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	92.660%
62) 4-Bromofluorobenzene	12.674	95	277883	51.761	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.520%
Target Compounds						
					Qvalue	
16) Acetone	4.228	43	117653	45.713	ug/l	100
18) Methyl Acetate	4.792	43	8314	1.298	ug/l #	88
20) Methylene Chloride	5.010	84	30238	5.292	ug/l	98
25) 2-Butanone	7.269	43	24288	6.077	ug/l	95
37) Ethyl Acetate	7.345	43	69420	9.119	ug/l	98
43) Isopropyl Acetate	8.498	43	264650	25.738	ug/l #	92

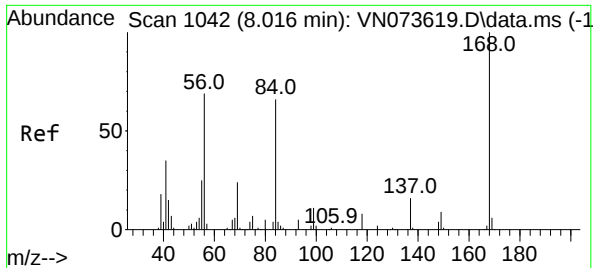
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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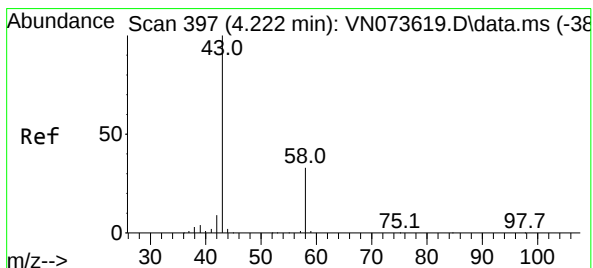
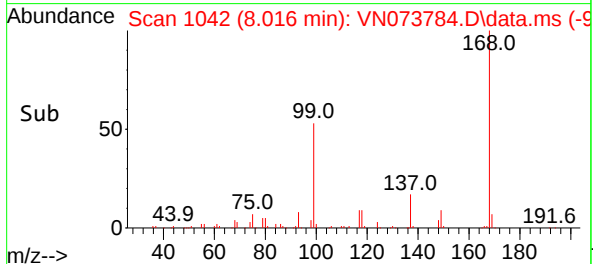
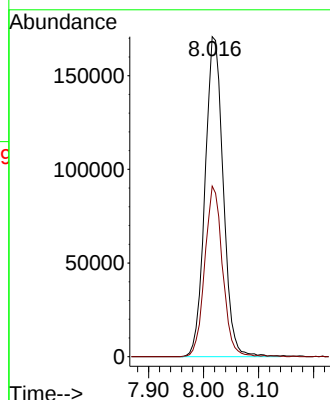
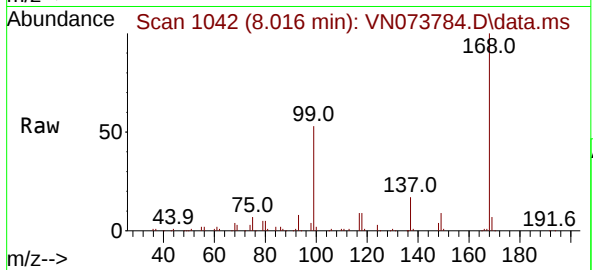




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073784.D
Acq: 09 Aug 2022 12:58

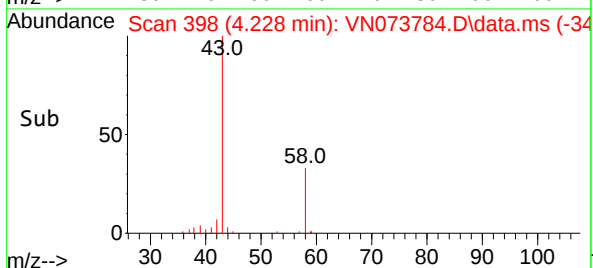
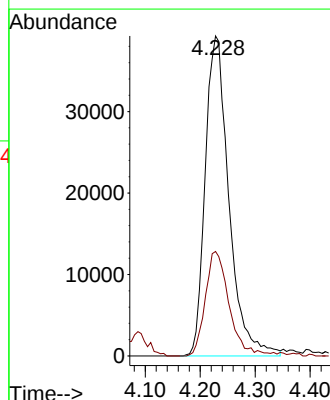
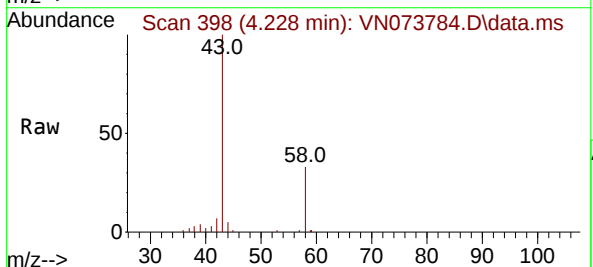
Instrument :
MSVOA_N
ClientSampleId :
PB146833ZHE#01

Tgt Ion:168 Resp: 393207
Ion Ratio Lower Upper
168 100
99 53.3 42.3 63.5



#16
Acetone
Concen: 45.713 ug/l
RT: 4.228 min Scan# 398
Delta R.T. 0.006 min
Lab File: VN073784.D
Acq: 09 Aug 2022 12:58

Tgt Ion: 43 Resp: 117653
Ion Ratio Lower Upper
43 100
58 32.7 26.0 39.0

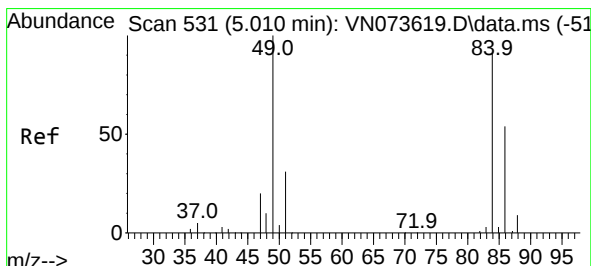
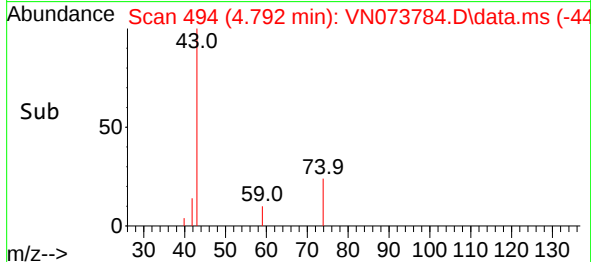
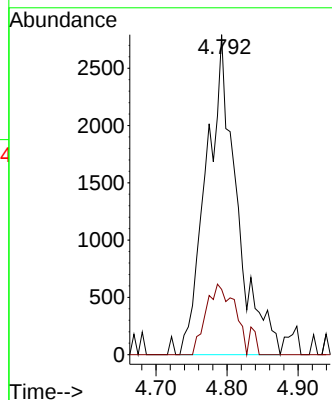
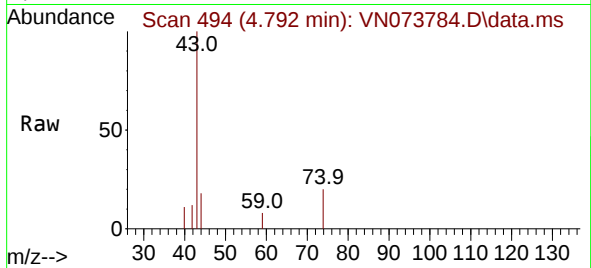




#18
Methyl Acetate
Concen: 1.298 ug/l
RT: 4.792 min Scan# 492
Delta R.T. 0.012 min
Lab File: VN073784.D
Acq: 09 Aug 2022 12:58

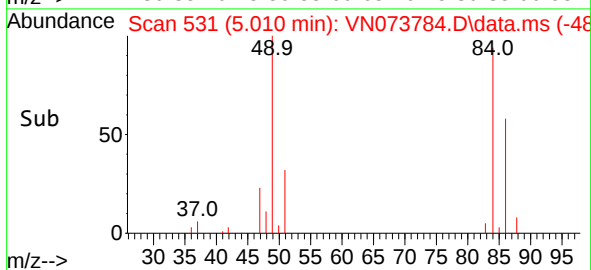
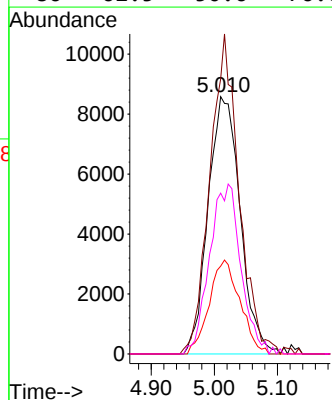
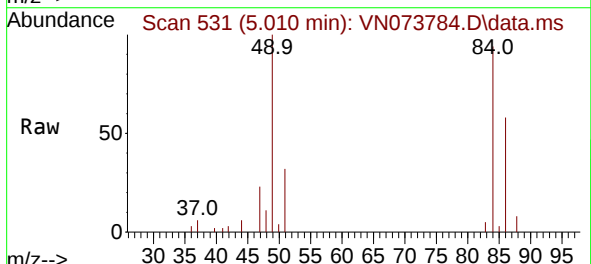
Instrument :
MSVOA_N
ClientSampleId :
PB146833ZHE#01

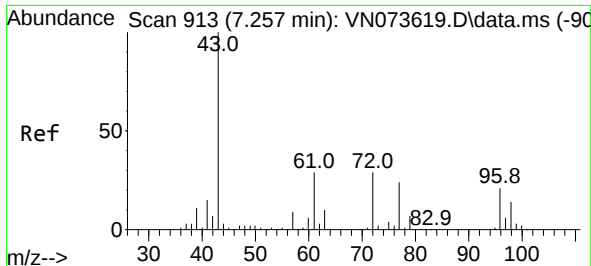
Tgt Ion: 43 Resp: 8314
Ion Ratio Lower Upper
43 100
74 20.6 21.6 32.4#



#20
Methylene Chloride
Concen: 5.292 ug/l
RT: 5.010 min Scan# 531
Delta R.T. 0.000 min
Lab File: VN073784.D
Acq: 09 Aug 2022 12:58

Tgt Ion: 84 Resp: 30238
Ion Ratio Lower Upper
84 100
49 106.9 88.3 132.5
51 34.1 28.2 42.2
86 62.5 50.6 76.0

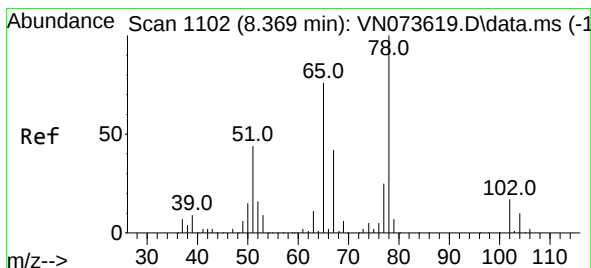
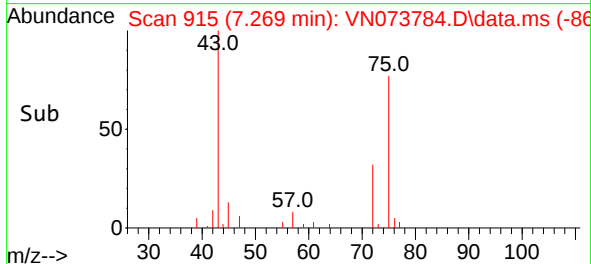
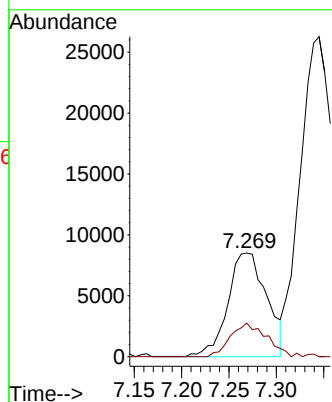
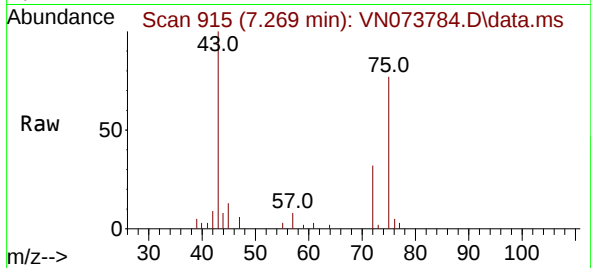




#25
2-Butanone
Concen: 6.077 ug/l
RT: 7.269 min Scan# 91
Delta R.T. 0.012 min
Lab File: VN073784.D
Acq: 09 Aug 2022 12:58

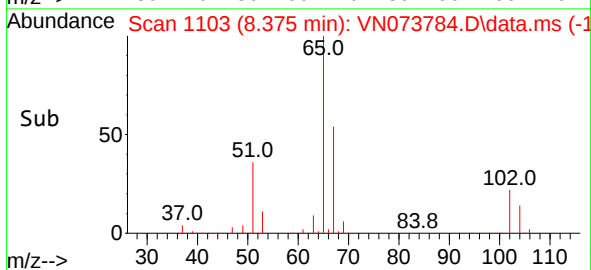
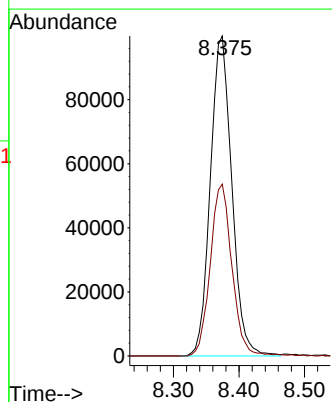
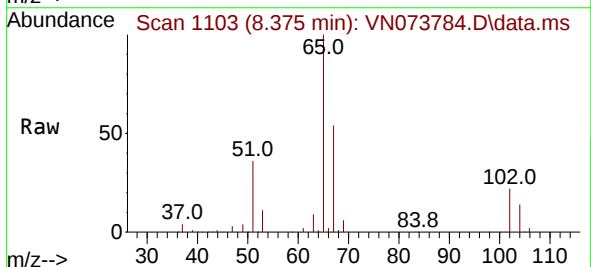
Instrument :
MSVOA_N
ClientSampleId :
PB146833ZHE#01

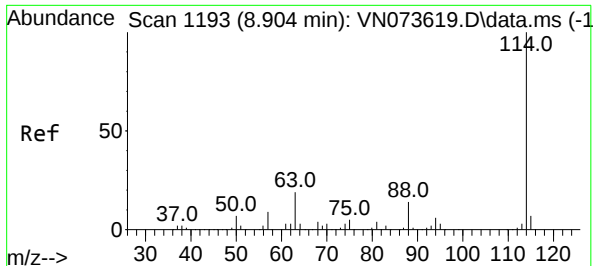
Tgt Ion: 43 Resp: 24288
Ion Ratio Lower Upper
43 100
72 32.5 23.7 35.5



#33
1,2-Dichloroethane-d4
Concen: 47.368 ug/l
RT: 8.375 min Scan# 1103
Delta R.T. 0.006 min
Lab File: VN073784.D
Acq: 09 Aug 2022 12:58

Tgt Ion: 65 Resp: 226981
Ion Ratio Lower Upper
65 100
67 54.2 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: VN073784.D

Acq: 09 Aug 2022 12:58

Instrument :

MSVOA_N

ClientSampleId :

PB146833ZHE#01

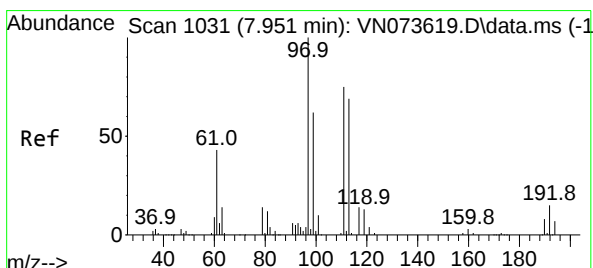
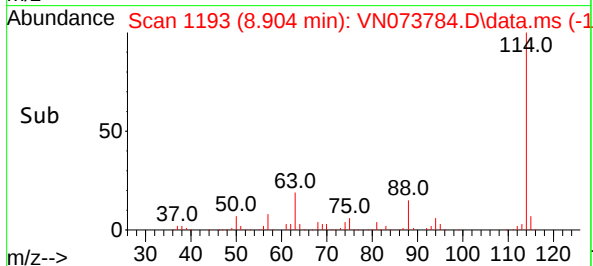
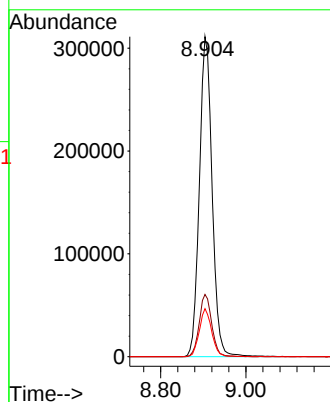
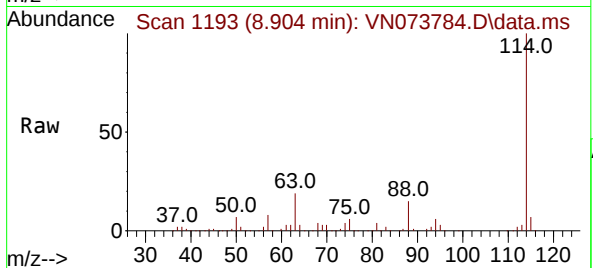
Tgt Ion:114 Resp: 645893

Ion Ratio Lower Upper

114 100

63 19.4 0.0 40.0

88 15.0 0.0 32.6



#35

Dibromofluoromethane

Concen: 53.534 ug/l

RT: 7.957 min Scan# 1032

Delta R.T. 0.006 min

Lab File: VN073784.D

Acq: 09 Aug 2022 12:58

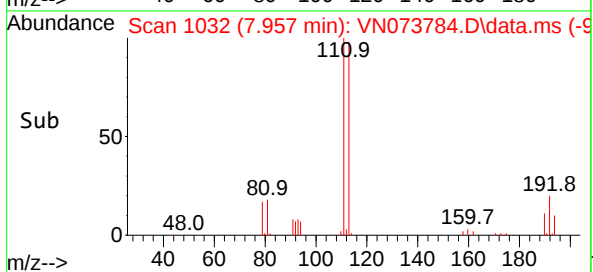
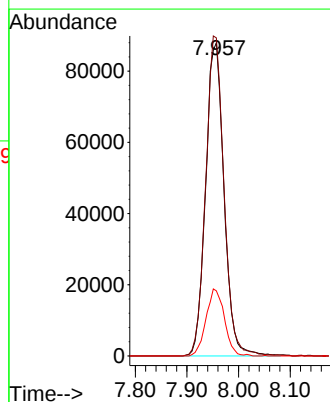
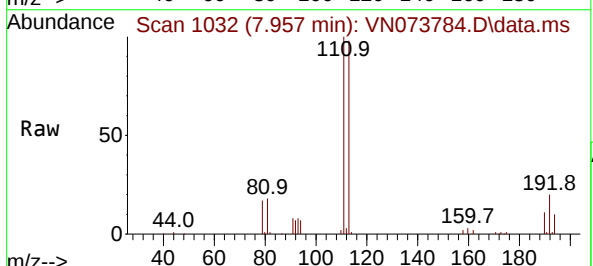
Tgt Ion:113 Resp: 217123

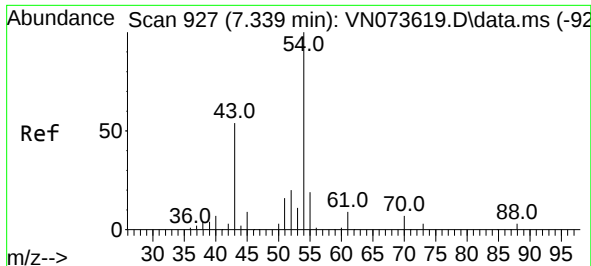
Ion Ratio Lower Upper

113 100

111 101.7 81.4 122.0

192 21.4 17.0 25.6

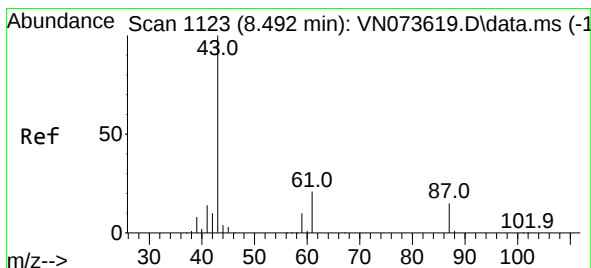
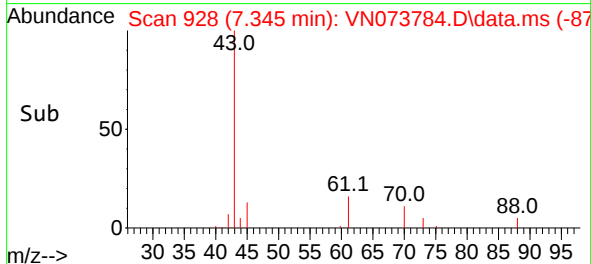
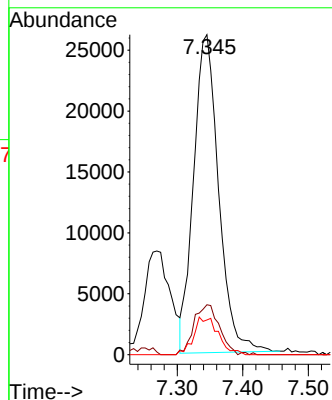
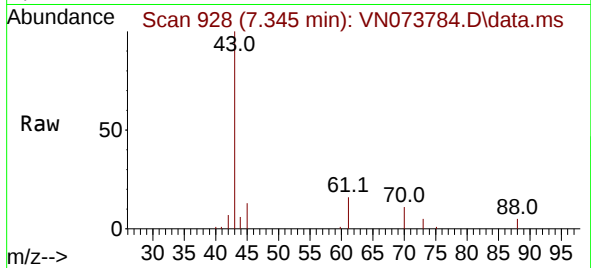




#37
Ethyl Acetate
Concen: 9.119 ug/l
RT: 7.345 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN073784.D
Acq: 09 Aug 2022 12:58

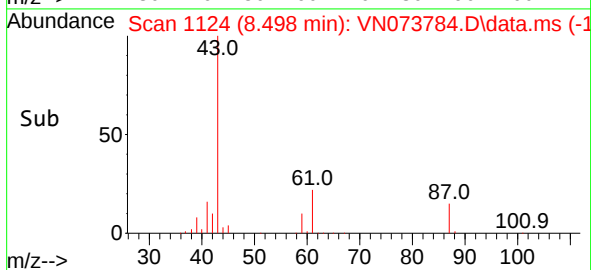
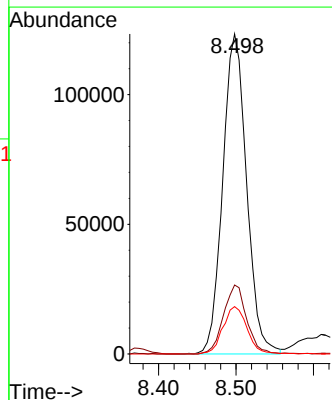
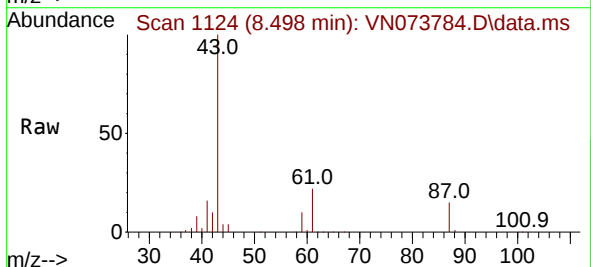
Instrument :
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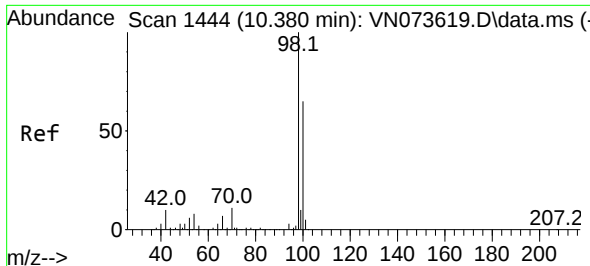
Tgt Ion: 43 Resp: 69420
Ion Ratio Lower Upper
43 100
61 16.0 11.8 17.6
70 11.5 9.3 13.9



#43
Isopropyl Acetate
Concen: 25.738 ug/l
RT: 8.498 min Scan# 1124
Delta R.T. 0.006 min
Lab File: VN073784.D
Acq: 09 Aug 2022 12:58

Tgt Ion: 43 Resp: 264650
Ion Ratio Lower Upper
43 100
61 21.1 21.9 32.9#
87 14.9 12.0 18.0

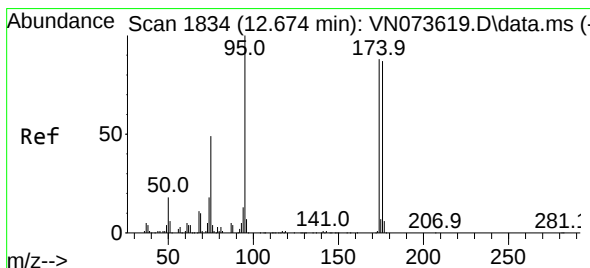
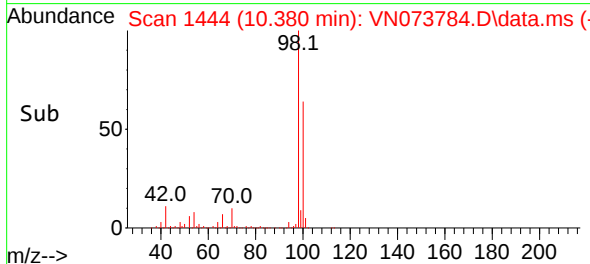
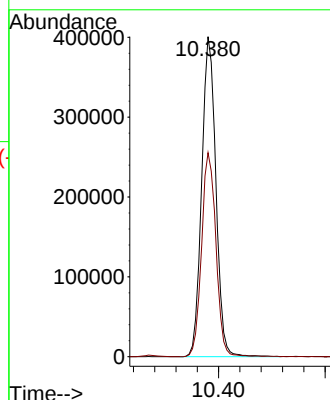
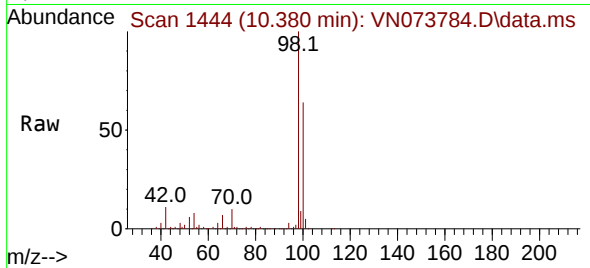




#50
Toluene-d8
Concen: 46.331 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN073784.D
Acq: 09 Aug 2022 12:58

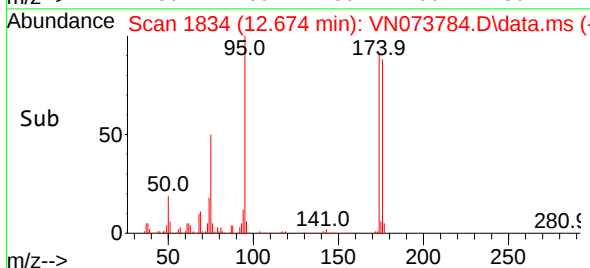
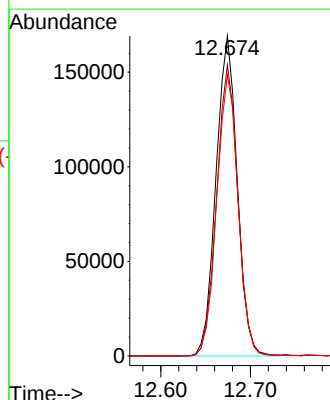
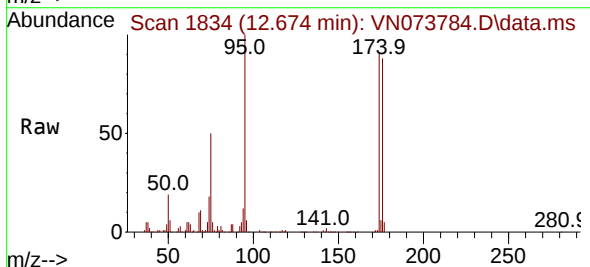
Instrument :
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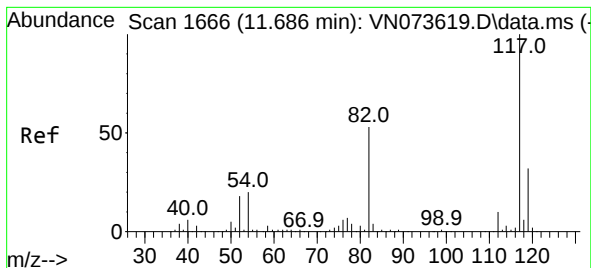
Tgt Ion: 98 Resp: 739452
Ion Ratio Lower Upper
98 100
100 64.5 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 51.761 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN073784.D
Acq: 09 Aug 2022 12:58

Tgt Ion: 95 Resp: 277883
Ion Ratio Lower Upper
95 100
174 91.3 0.0 167.6
176 88.2 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: VN073784.D

Acq: 09 Aug 2022 12:58

Instrument :

MSVOA_N

ClientSampleId :

PB146833ZHE#01

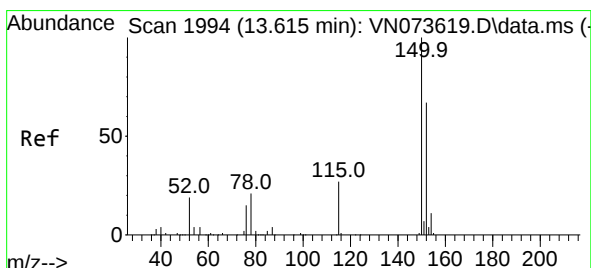
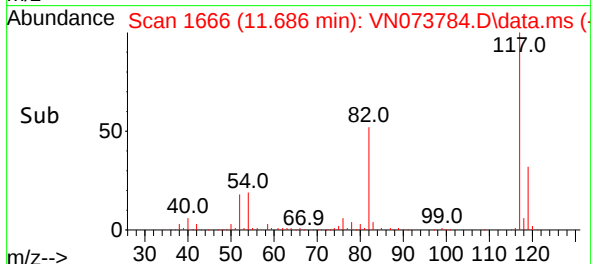
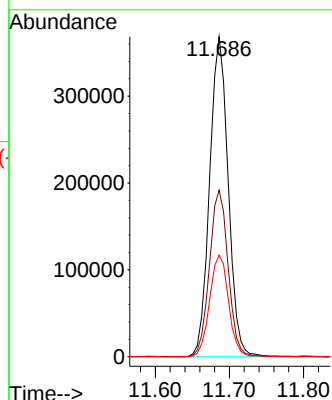
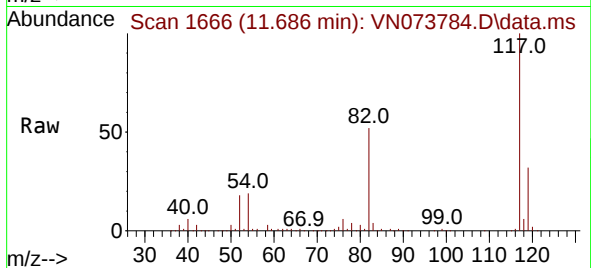
Tgt Ion:117 Resp: 640696

Ion Ratio Lower Upper

117 100

82 52.1 44.2 66.2

119 31.8 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: VN073784.D

Acq: 09 Aug 2022 12:58

Tgt Ion:152 Resp: 296092

Ion Ratio Lower Upper

152 100

115 56.1 28.9 86.7

150 155.1 0.0 356.2

