

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080422\
 Data File : VN073747.D
 Acq On : 04 Aug 2022 19:37
 Operator : JC\MD
 Sample : N4023-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP3-1-6

Quant Time: Aug 05 00:33:28 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)

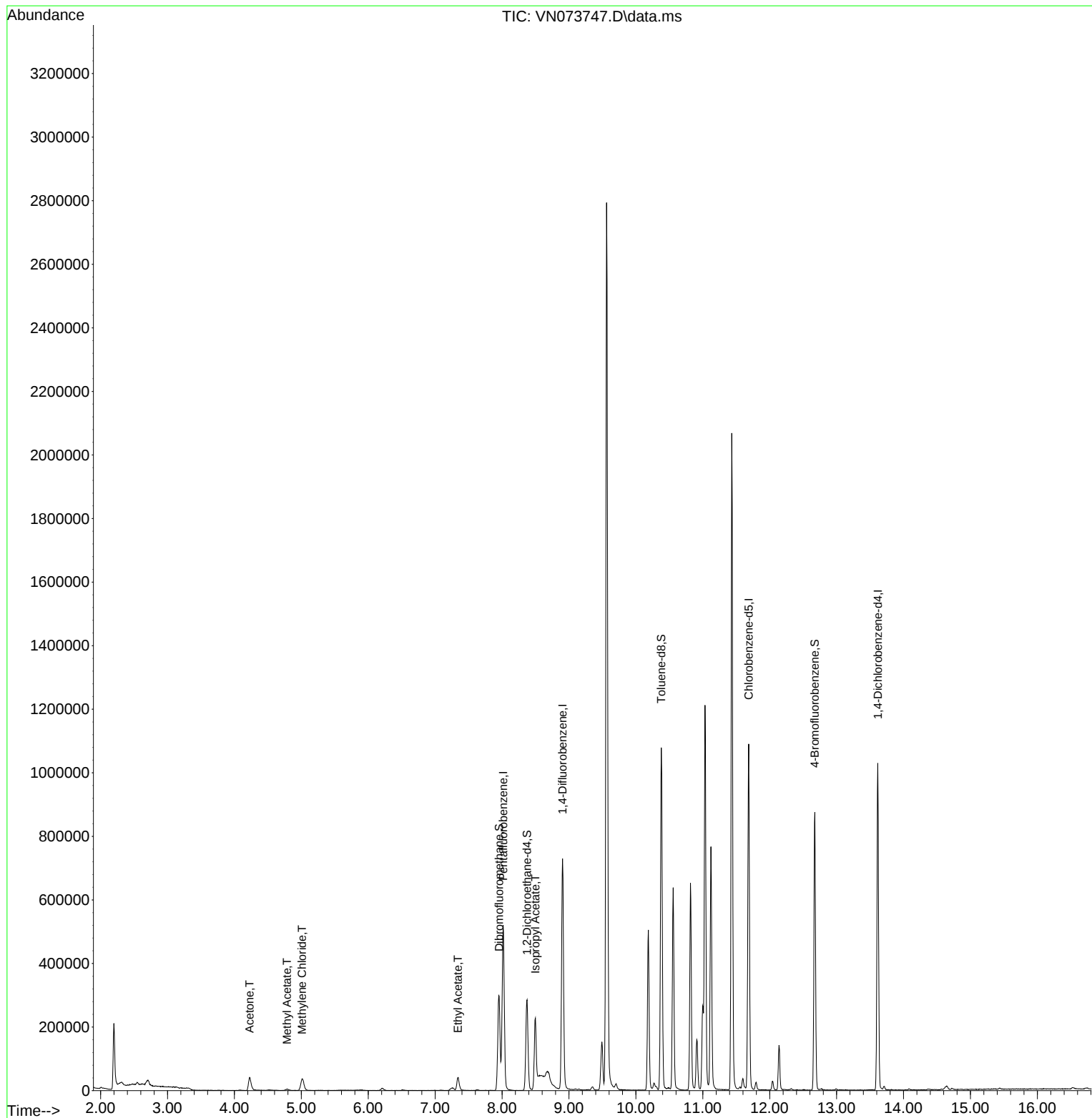
Internal Standards						
1) Pentafluorobenzene	8.016	168	417267	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	677486	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	652133	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	293218	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	239320	47.063	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.120%
35) Dibromofluoromethane	7.957	113	224754	52.831	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.660%
50) Toluene-d8	10.380	98	780071	46.597	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	93.200%
62) 4-Bromofluorobenzene	12.674	95	284423	50.713	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.420%
Target Compounds						
					Qvalue	
16) Acetone	4.228	43	75153	27.516	ug/l	97
18) Methyl Acetate	4.787	43	9272	1.365	ug/l	93
20) Methylene Chloride	5.010	84	32294	5.340	ug/l	95
37) Ethyl Acetate	7.339	43	65547	8.209	ug/l	99
43) Isopropyl Acetate	8.498	43	275930	25.584	ug/l #	90

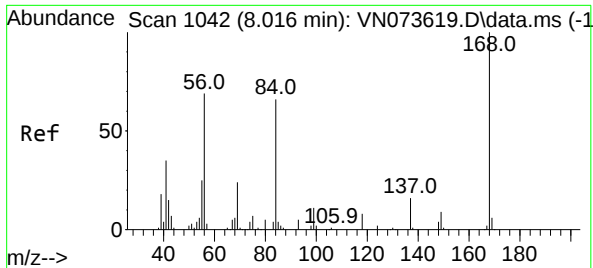
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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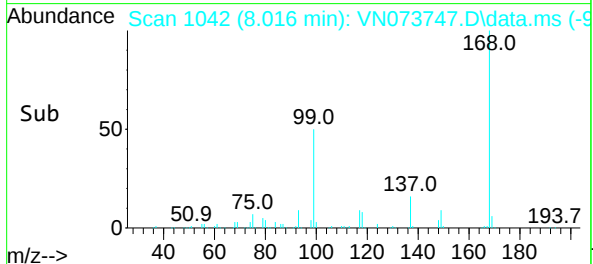
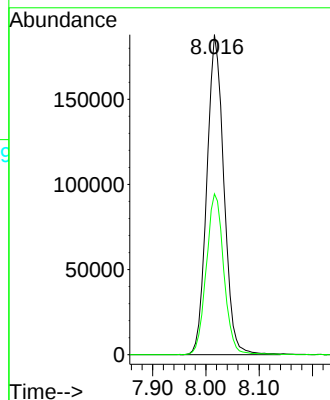
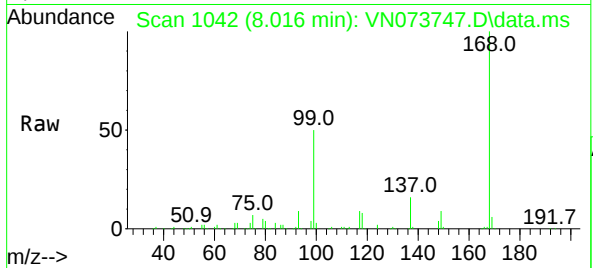




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073747.D
Acq: 04 Aug 2022 19:37

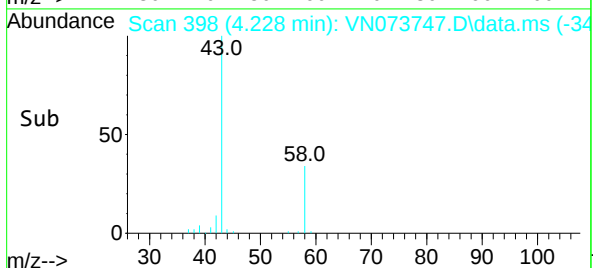
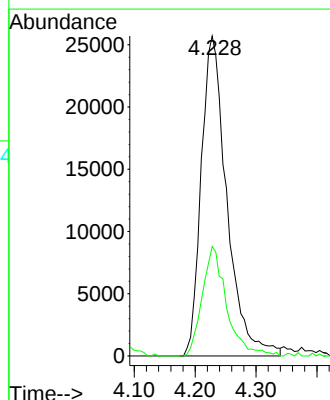
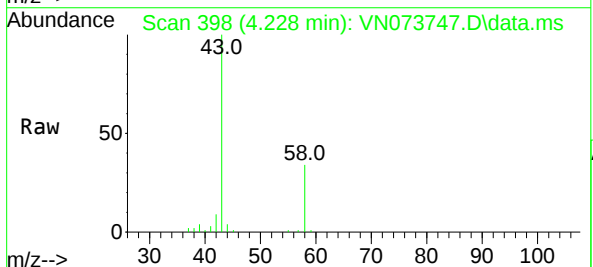
Instrument :
MSVOA_N
ClientSampleId :
TP3-1-6

Tgt Ion:168 Resp: 417267
Ion Ratio Lower Upper
168 100
99 50.2 42.3 63.5



#16
Acetone
Concen: 27.516 ug/l
RT: 4.228 min Scan# 398
Delta R.T. 0.006 min
Lab File: VN073747.D
Acq: 04 Aug 2022 19:37

Tgt Ion: 43 Resp: 75153
Ion Ratio Lower Upper
43 100
58 34.2 26.0 39.0

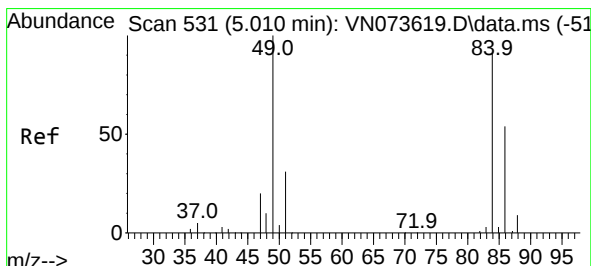
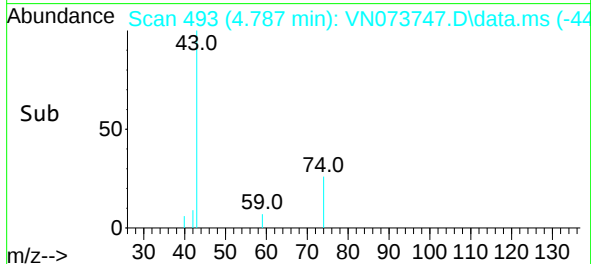
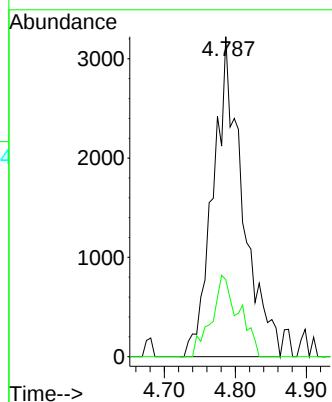
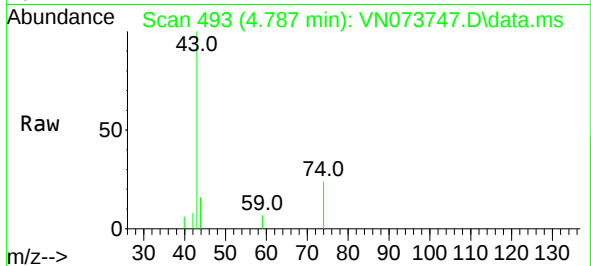




#18
Methyl Acetate
Concen: 1.365 ug/l
RT: 4.787 min Scan# 492
Delta R.T. 0.006 min
Lab File: VN073747.D
Acq: 04 Aug 2022 19:37

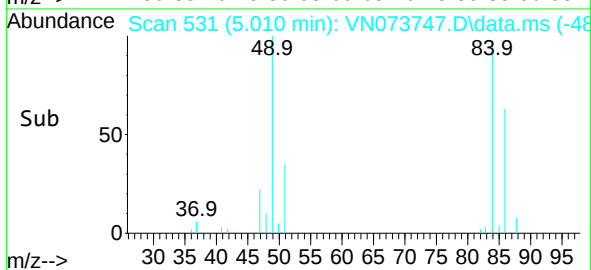
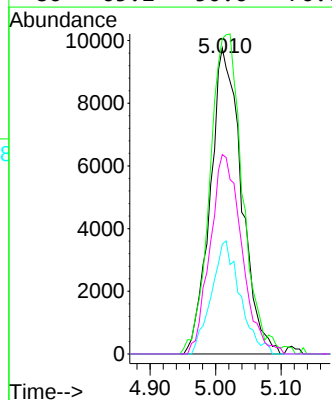
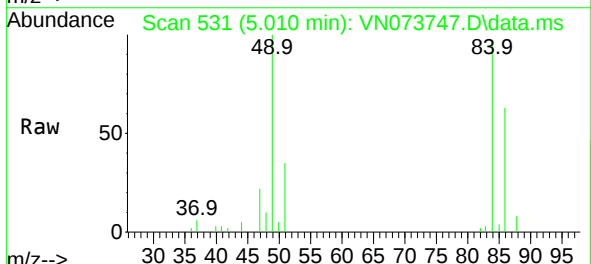
Instrument :
MSVOA_N
ClientSampleId :
TP3-1-6

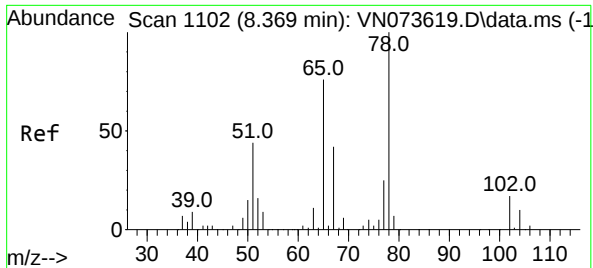
Tgt Ion: 43 Resp: 9272
Ion Ratio Lower Upper
43 100
74 23.6 21.6 32.4



#20
Methylene Chloride
Concen: 5.340 ug/l
RT: 5.010 min Scan# 531
Delta R.T. 0.000 min
Lab File: VN073747.D
Acq: 04 Aug 2022 19:37

Tgt Ion: 84 Resp: 32294
Ion Ratio Lower Upper
84 100
49 103.0 88.3 132.5
51 35.9 28.2 42.2
86 65.2 50.6 76.0





#33

1,2-Dichloroethane-d4

Concen: 47.063 ug/l

RT: 8.375 min Scan# 1102

Delta R.T. 0.006 min

Lab File: VN073747.D

Acq: 04 Aug 2022 19:37

Instrument :

MSVOA_N

ClientSampleId :

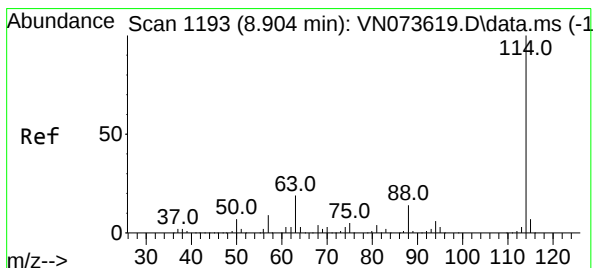
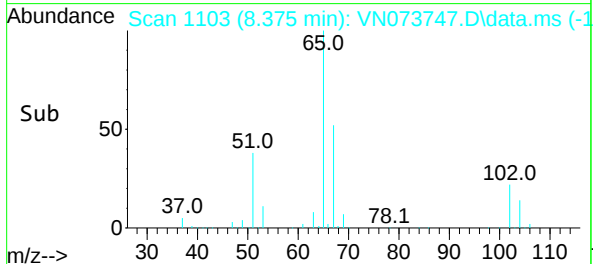
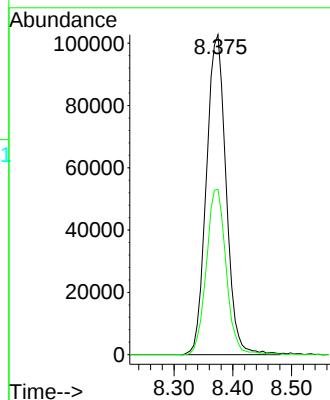
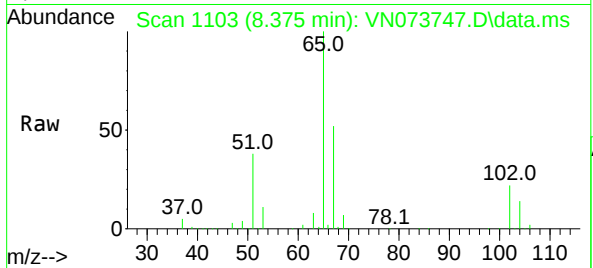
TP3-1-6

Tgt Ion: 65 Resp: 239320

Ion Ratio Lower Upper

65 100

67 52.0 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: VN073747.D

Acq: 04 Aug 2022 19:37

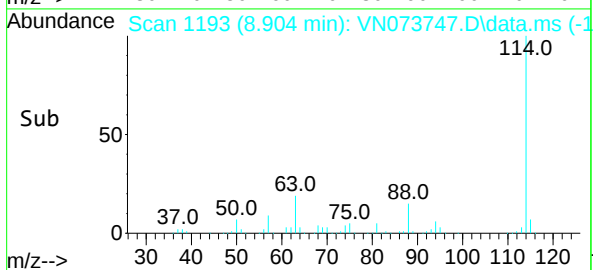
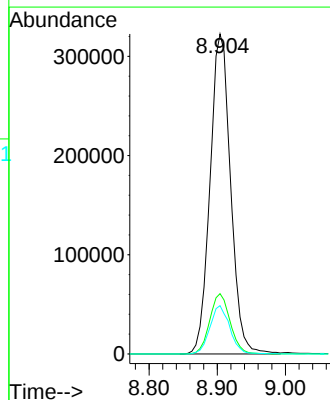
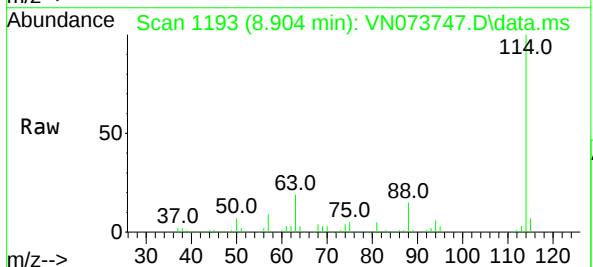
Tgt Ion: 114 Resp: 677486

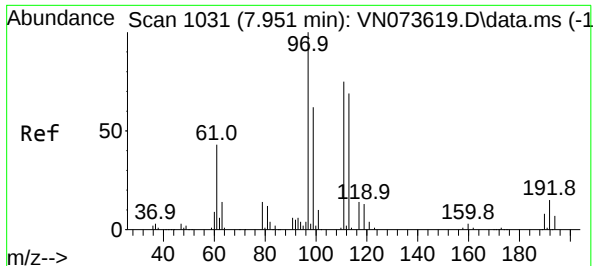
Ion Ratio Lower Upper

114 100

63 18.9 0.0 40.0

88 15.1 0.0 32.6

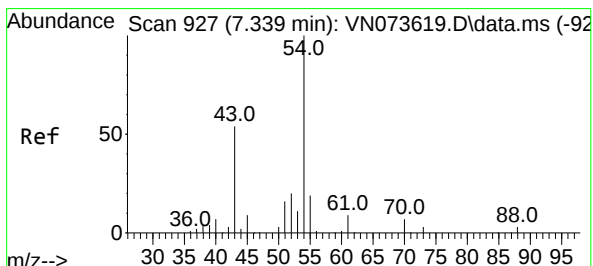
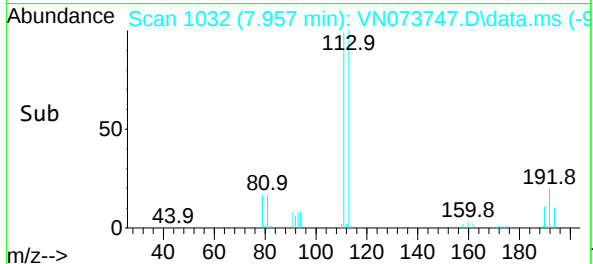
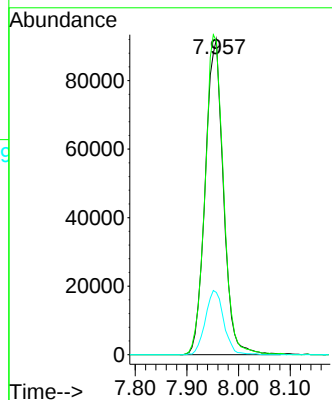
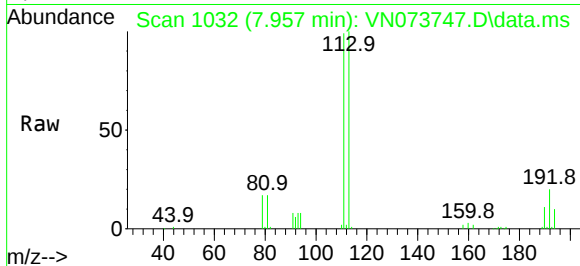




#35
Dibromofluoromethane
Concen: 52.831 ug/l
RT: 7.957 min Scan# 1032
Delta R.T. 0.006 min
Lab File: VN073747.D
Acq: 04 Aug 2022 19:37

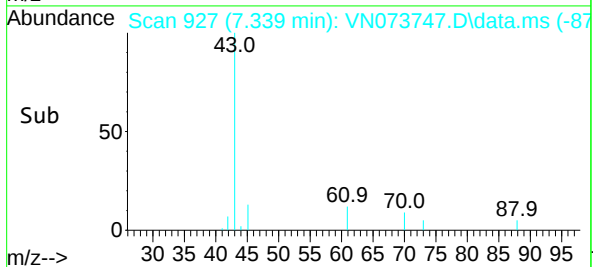
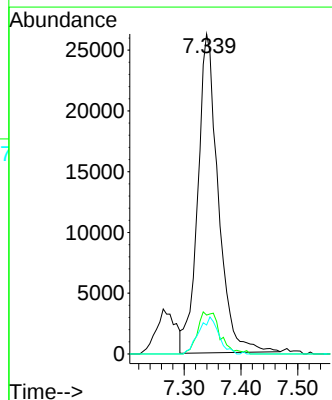
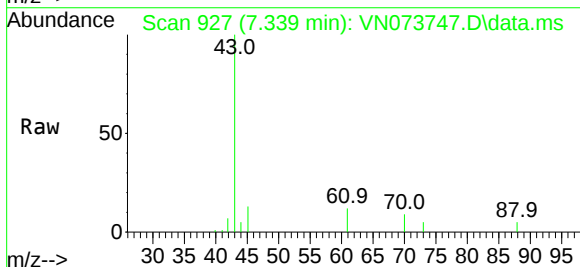
Instrument :
MSVOA_N
ClientSampleId :
TP3-1-6

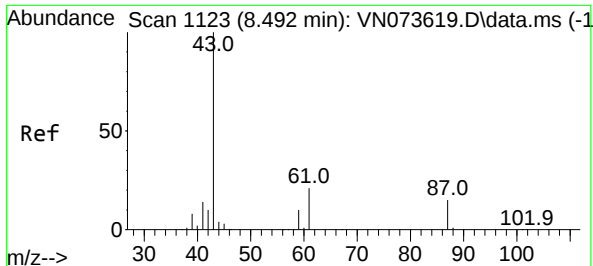
Tgt Ion:113 Resp: 224754
Ion Ratio Lower Upper
113 100
111 102.3 81.4 122.0
192 20.7 17.0 25.6



#37
Ethyl Acetate
Concen: 8.209 ug/l
RT: 7.339 min Scan# 927
Delta R.T. 0.000 min
Lab File: VN073747.D
Acq: 04 Aug 2022 19:37

Tgt Ion: 43 Resp: 65547
Ion Ratio Lower Upper
43 100
61 14.4 11.8 17.6
70 11.3 9.3 13.9





#43

Isopropyl Acetate

Concen: 25.584 ug/l

RT: 8.498 min Scan# 1124

Delta R.T. 0.006 min

Lab File: VN073747.D

Acq: 04 Aug 2022 19:37

Instrument :

MSVOA_N

ClientSampleId :

TP3-1-6

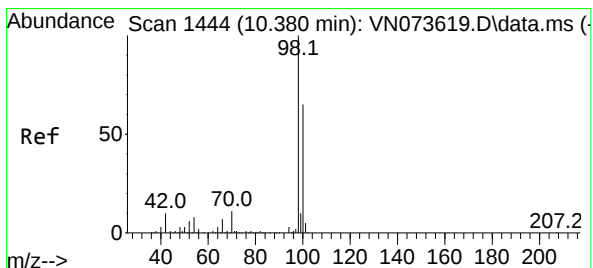
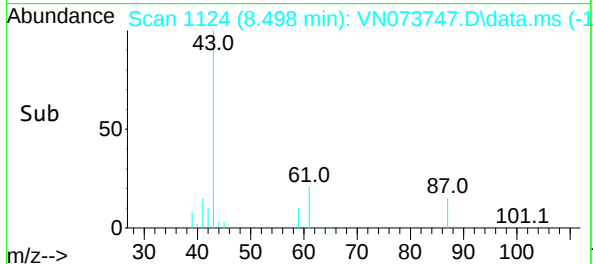
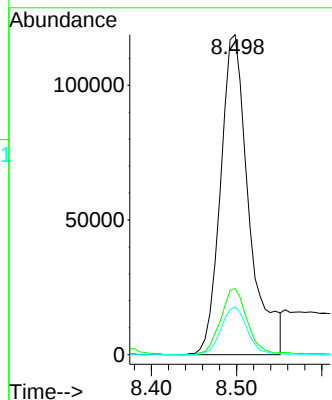
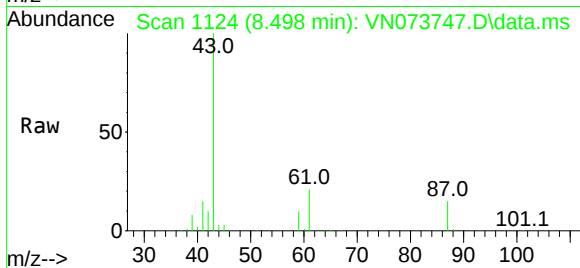
Tgt Ion: 43 Resp: 275930

Ion Ratio Lower Upper

43 100

61 20.0 21.9 32.9#

87 13.7 12.0 18.0



#50

Toluene-d8

Concen: 46.597 ug/l

RT: 10.380 min Scan# 1444

Delta R.T. 0.000 min

Lab File: VN073747.D

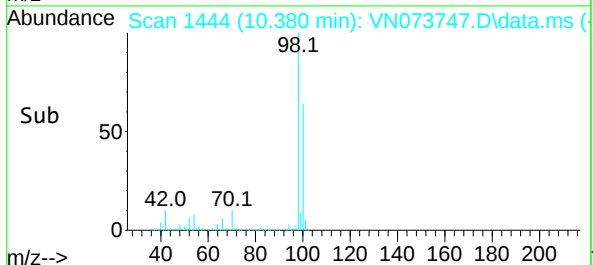
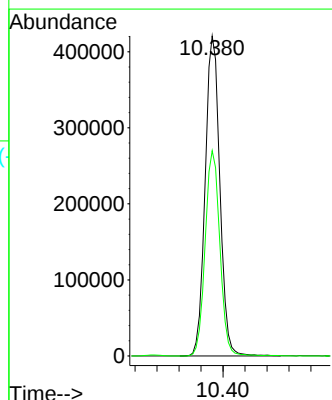
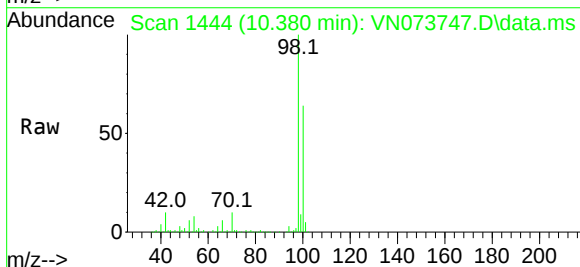
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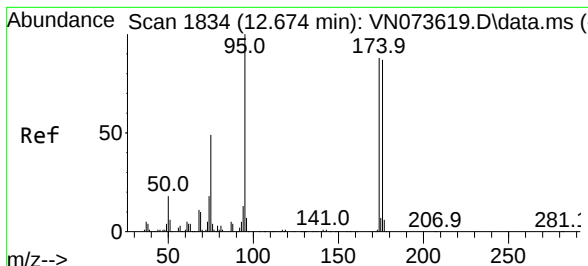
Tgt Ion: 98 Resp: 780071

Ion Ratio Lower Upper

98 100

100 64.1 52.6 78.8

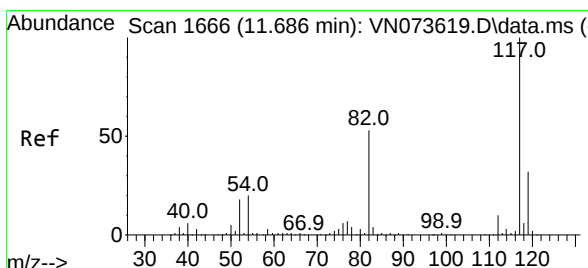
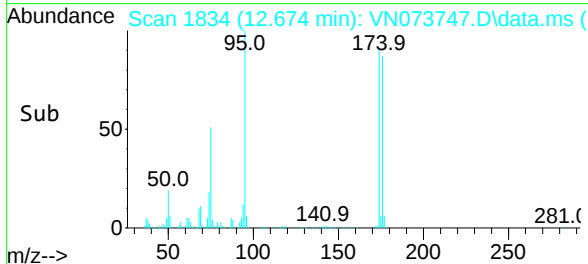
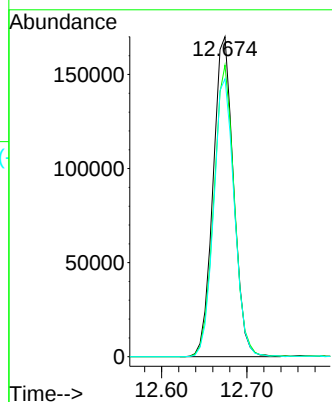
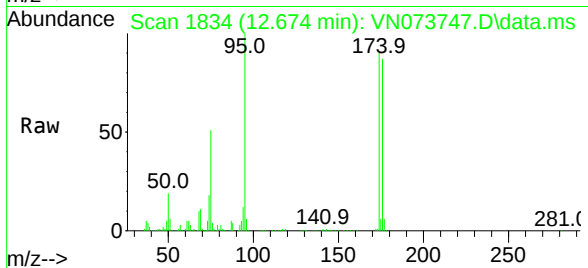




#62
4-Bromofluorobenzene
Concen: 50.713 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN073747.D
Acq: 04 Aug 2022 19:37

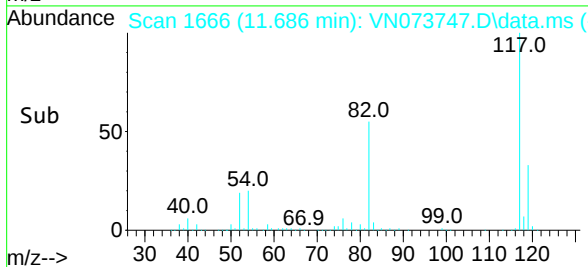
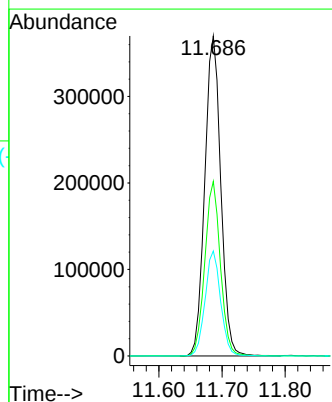
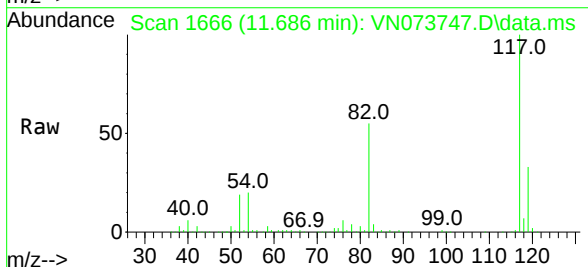
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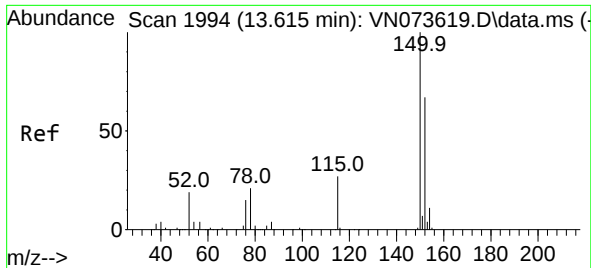
Tgt Ion: 95 Resp: 284423
Ion Ratio Lower Upper
95 100
174 91.0 0.0 167.6
176 87.3 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN073747.D
Acq: 04 Aug 2022 19:37

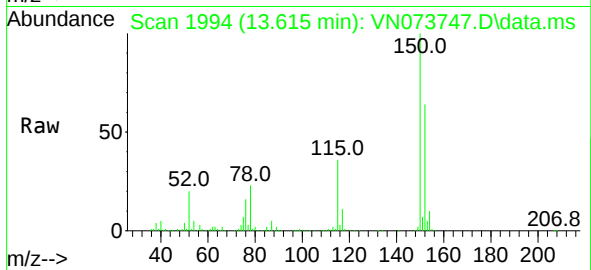
Tgt Ion: 117 Resp: 652133
Ion Ratio Lower Upper
117 100
82 54.6 44.2 66.2
119 32.8 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.615 min Scan# 1994
 Delta R.T. 0.000 min
 Lab File: VN073747.D
 Acq: 04 Aug 2022 19:37

Instrument :
 MSVOA_N
 ClientSampleId :
 TP3-1-6



Tgt Ion:152 Resp: 293218

Ion	Ratio	Lower	Upper
152	100		
115	56.9	28.9	86.7
150	158.5	0.0	356.2

