

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081122\
 Data File : VN073837.D
 Acq On : 11 Aug 2022 20:11
 Operator : JC\MD
 Sample : N4136-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-5

Quant Time: Aug 12 06:10:13 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)

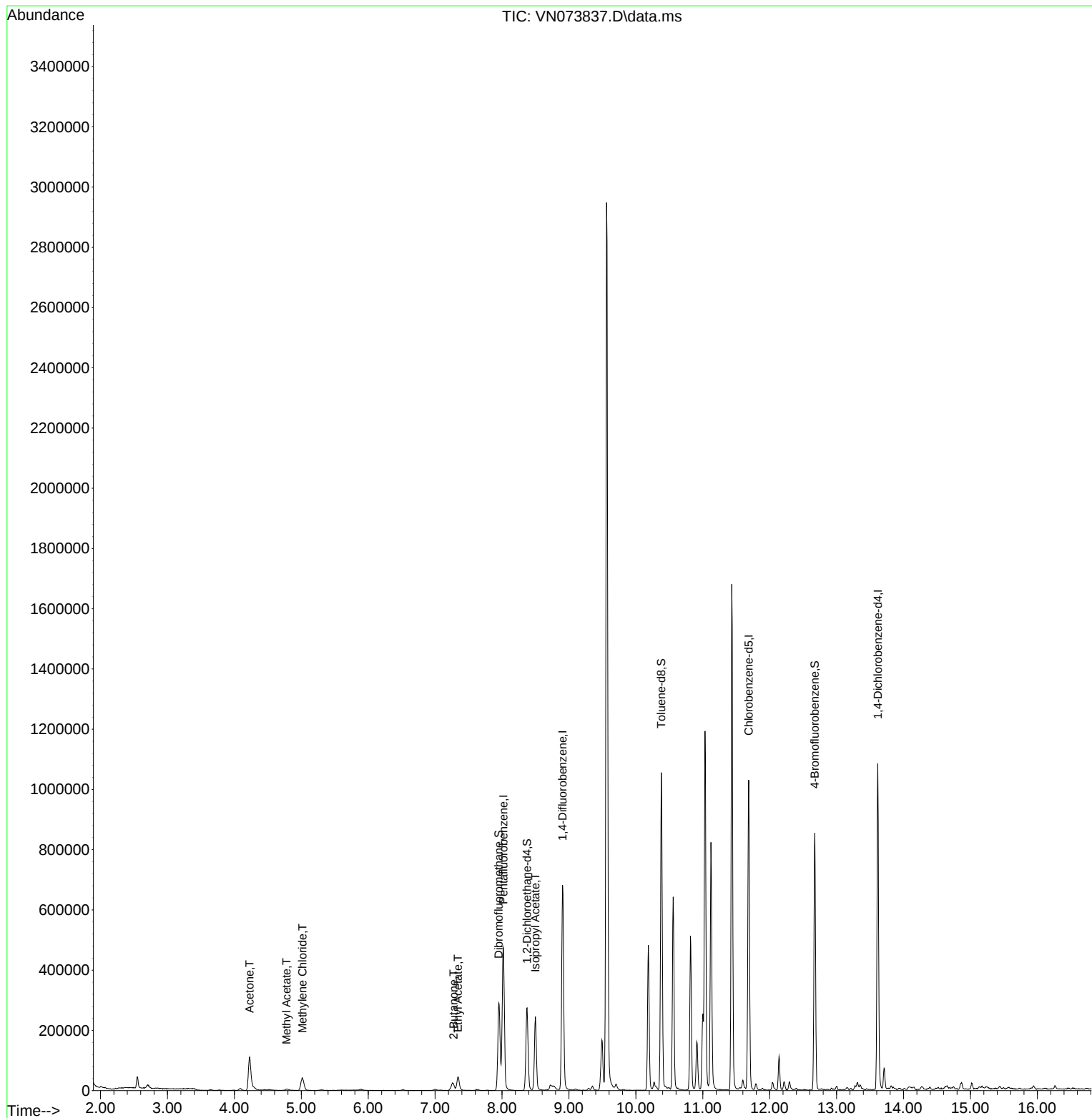
Internal Standards						
1) Pentafluorobenzene	8.022	168	395155	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	629978	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	627250	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	309143	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	227270	47.195	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.380%
35) Dibromofluoromethane	7.951	113	217503	54.982	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	109.960%
50) Toluene-d8	10.381	98	740662	47.580	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.160%
62) 4-Bromofluorobenzene	12.674	95	282949	51.680	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.360%
Target Compounds						
					Qvalue	
16) Acetone	4.228	43	198158	76.612	ug/l	99
18) Methyl Acetate	4.781	43	10667	1.658	ug/l #	87
20) Methylene Chloride	5.016	84	35708	6.622	ug/l	94
25) 2-Butanone	7.275	43	34997	8.713	ug/l	93
37) Ethyl Acetate	7.340	43	69542	9.366	ug/l	99
43) Isopropyl Acetate	8.498	43	266128	26.536	ug/l #	91

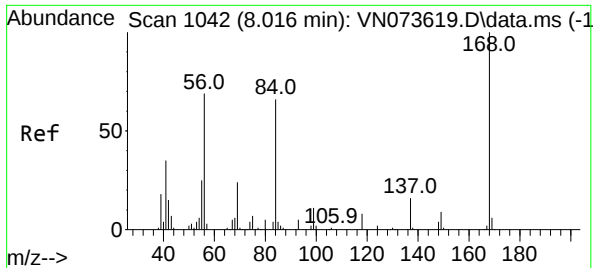
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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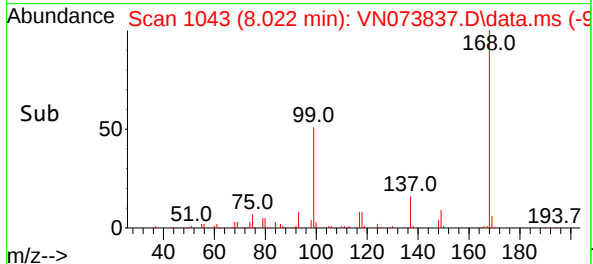
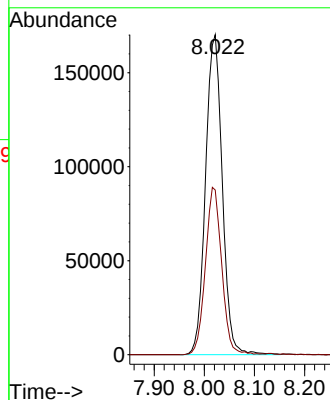
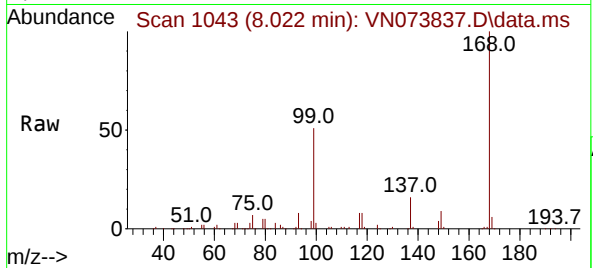




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.022 min Scan# 1042
Delta R.T. 0.006 min
Lab File: VN073837.D
Acq: 11 Aug 2022 20:11

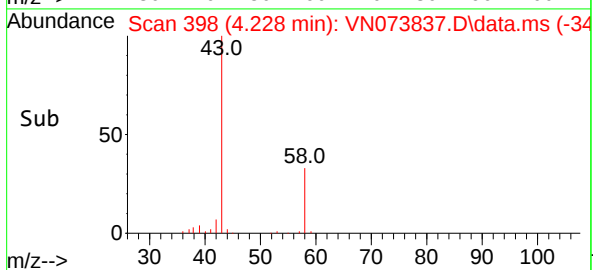
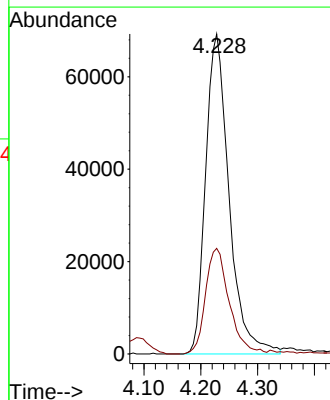
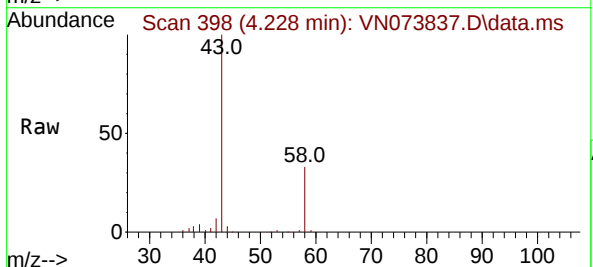
Instrument :
MSVOA_N
ClientSampleId :
WC-5

Tgt Ion:168 Resp: 395155
Ion Ratio Lower Upper
168 100
99 51.4 42.3 63.5



#16
Acetone
Concen: 76.612 ug/l
RT: 4.228 min Scan# 398
Delta R.T. 0.006 min
Lab File: VN073837.D
Acq: 11 Aug 2022 20:11

Tgt Ion: 43 Resp: 198158
Ion Ratio Lower Upper
43 100
58 33.0 26.0 39.0

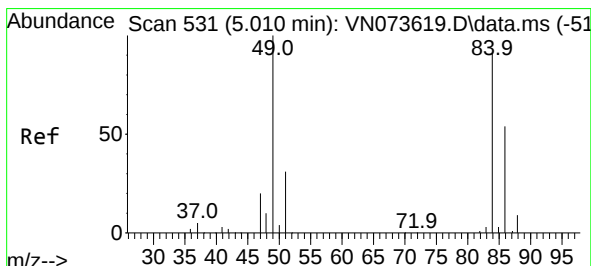
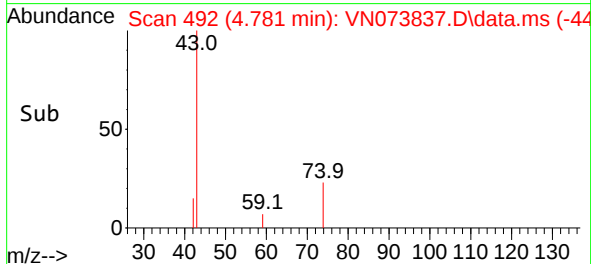
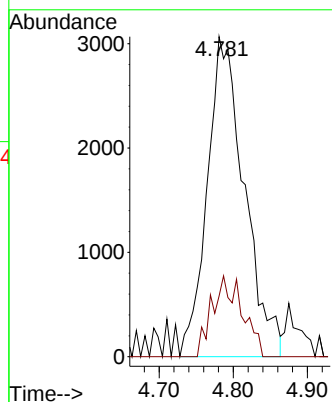
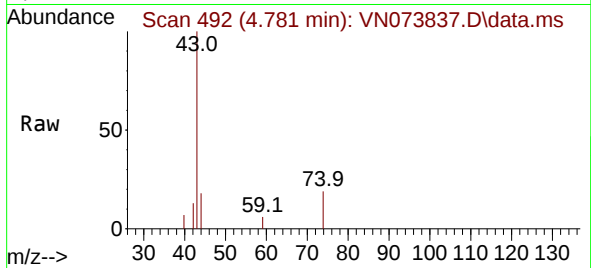




#18
Methyl Acetate
Concen: 1.658 ug/l
RT: 4.781 min Scan# 492
Delta R.T. 0.000 min
Lab File: VN073837.D
Acq: 11 Aug 2022 20:11

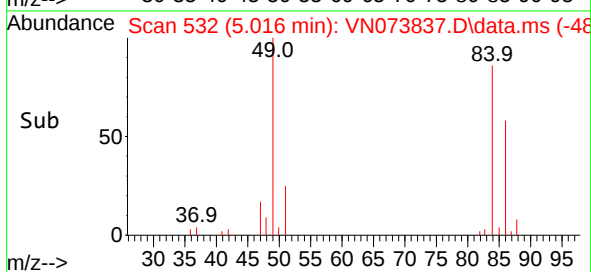
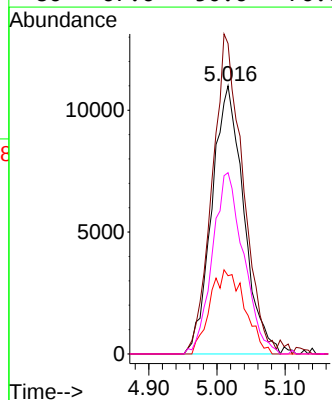
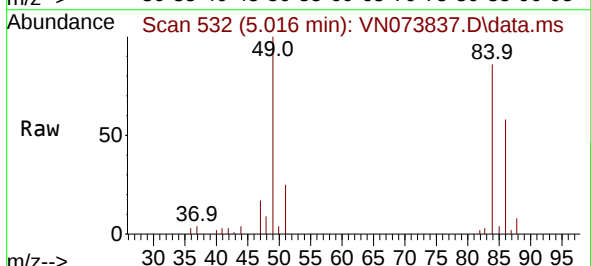
Instrument :
MSVOA_N
ClientSampleId :
WC-5

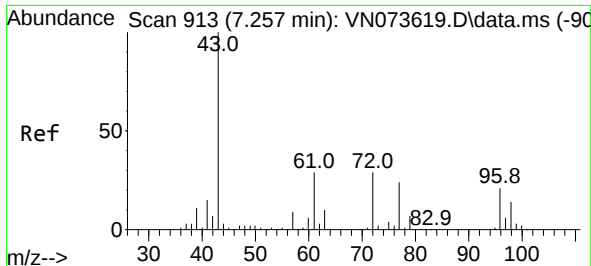
Tgt Ion: 43 Resp: 10667
Ion Ratio Lower Upper
43 100
74 20.5 21.6 32.4#



#20
Methylene Chloride
Concen: 6.622 ug/l
RT: 5.016 min Scan# 532
Delta R.T. 0.006 min
Lab File: VN073837.D
Acq: 11 Aug 2022 20:11

Tgt Ion: 84 Resp: 35708
Ion Ratio Lower Upper
84 100
49 115.8 88.3 132.5
51 29.2 28.2 42.2
86 67.6 50.6 76.0

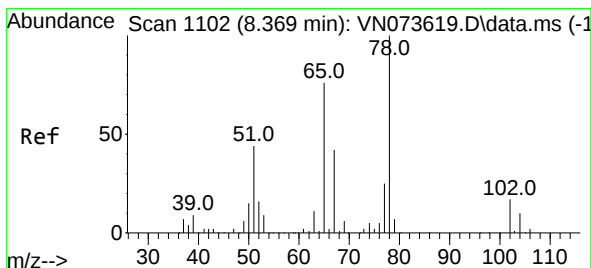
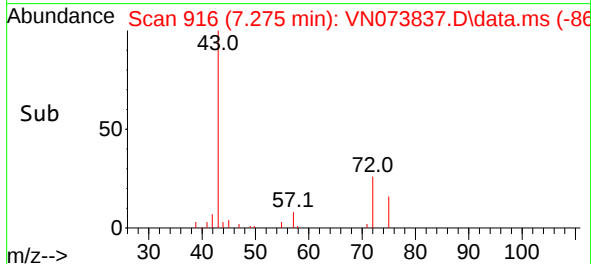
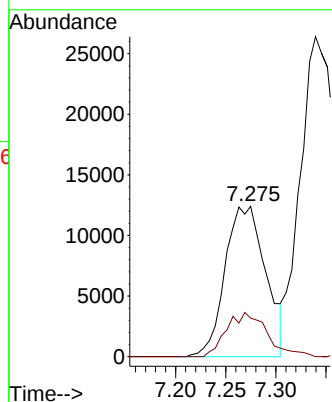
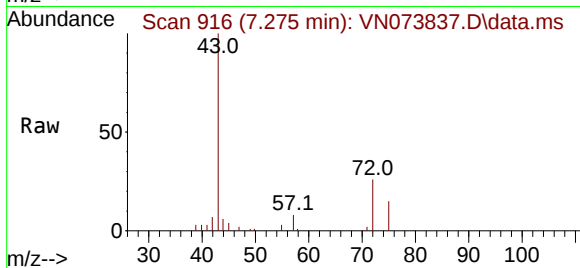




#25
2-Butanone
Concen: 8.713 ug/l
RT: 7.275 min Scan# 916
Delta R.T. 0.018 min
Lab File: VN073837.D
Acq: 11 Aug 2022 20:11

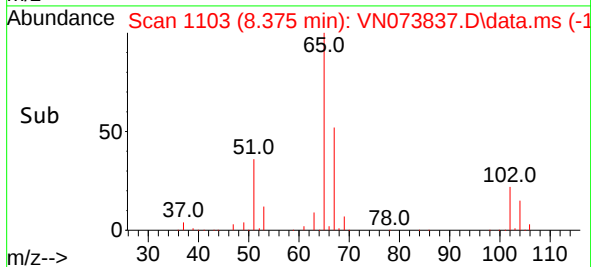
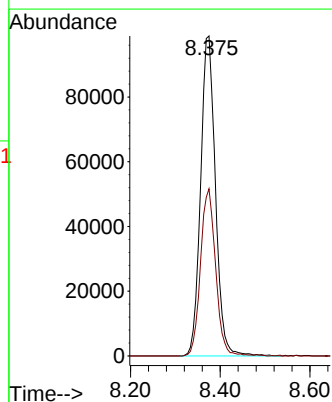
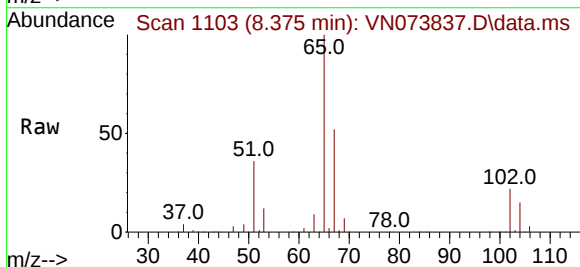
Instrument :
MSVOA_N
ClientSampleId :
WC-5

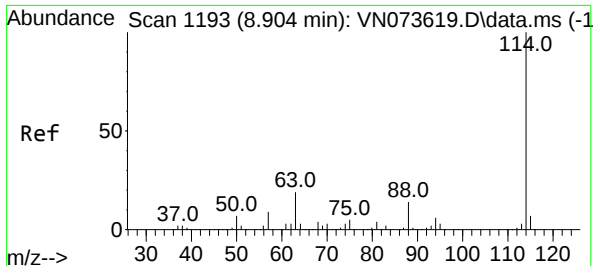
Tgt Ion: 43 Resp: 34997
Ion Ratio Lower Upper
43 100
72 25.6 23.7 35.5



#33
1,2-Dichloroethane-d4
Concen: 47.195 ug/l
RT: 8.375 min Scan# 1103
Delta R.T. 0.006 min
Lab File: VN073837.D
Acq: 11 Aug 2022 20:11

Tgt Ion: 65 Resp: 227270
Ion Ratio Lower Upper
65 100
67 53.0 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: VN073837.D

Acq: 11 Aug 2022 20:11

Instrument :

MSVOA_N

ClientSampleId :

WC-5

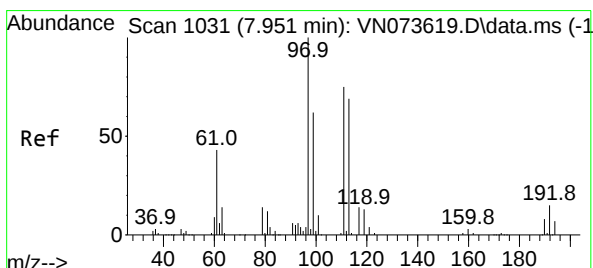
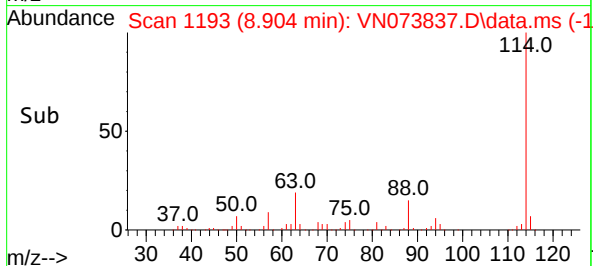
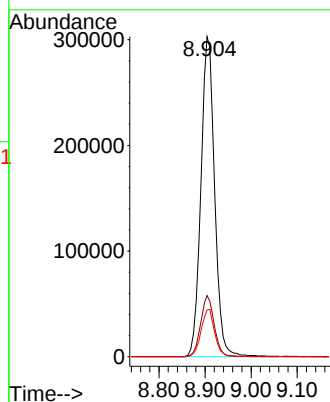
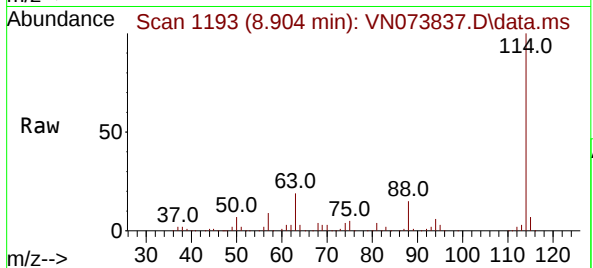
Tgt Ion:114 Resp: 629978

Ion Ratio Lower Upper

114 100

63 19.1 0.0 40.0

88 14.6 0.0 32.6



#35

Dibromofluoromethane

Concen: 54.982 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073837.D

Acq: 11 Aug 2022 20:11

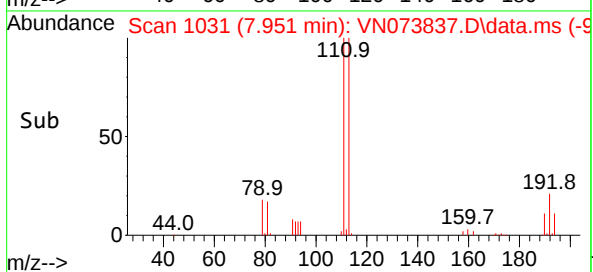
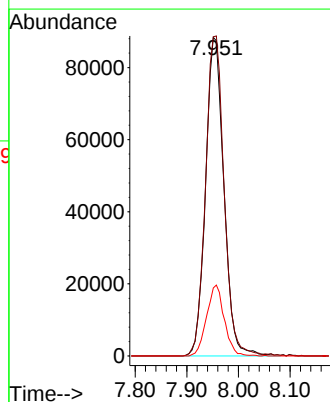
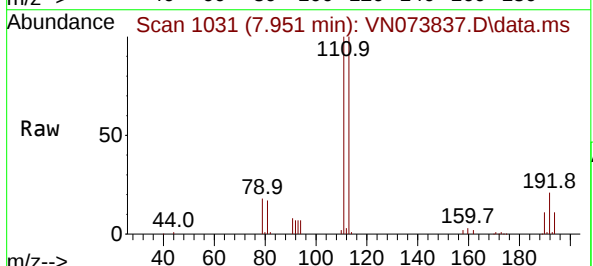
Tgt Ion:113 Resp: 217503

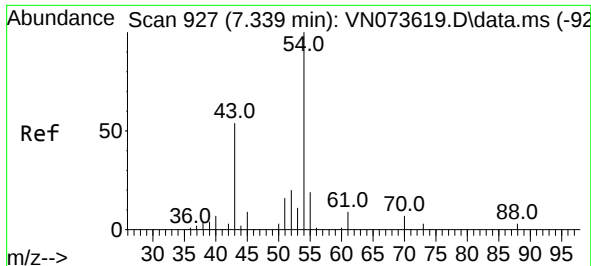
Ion Ratio Lower Upper

113 100

111 101.7 81.4 122.0

192 21.5 17.0 25.6

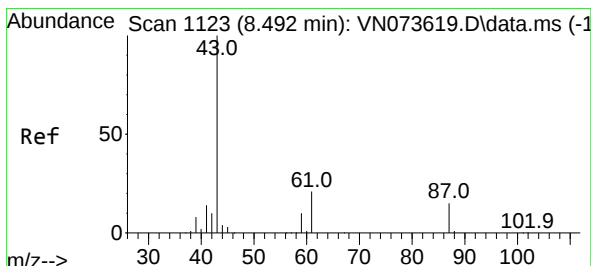
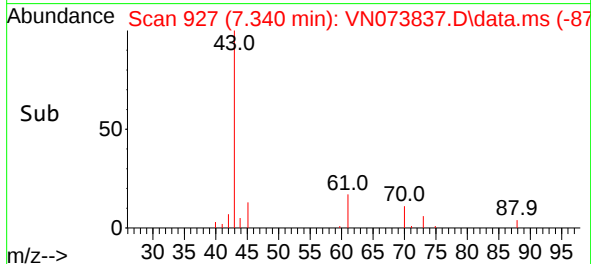
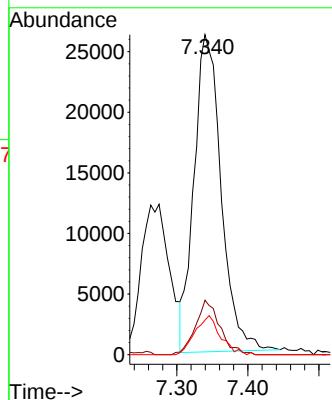
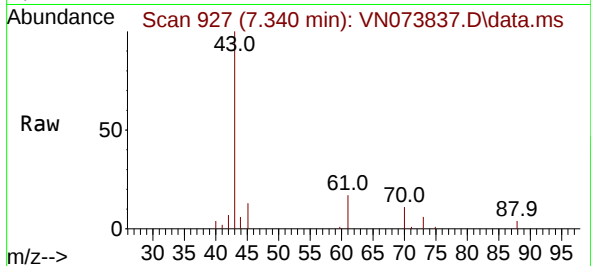




#37
Ethyl Acetate
Concen: 9.366 ug/l
RT: 7.340 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN073837.D
Acq: 11 Aug 2022 20:11

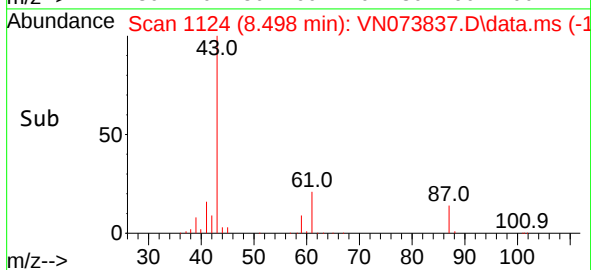
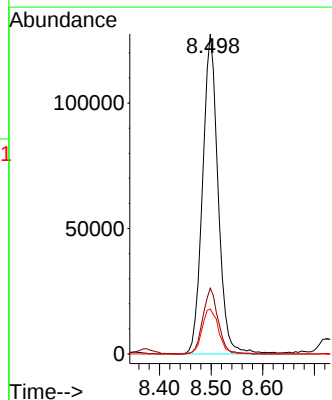
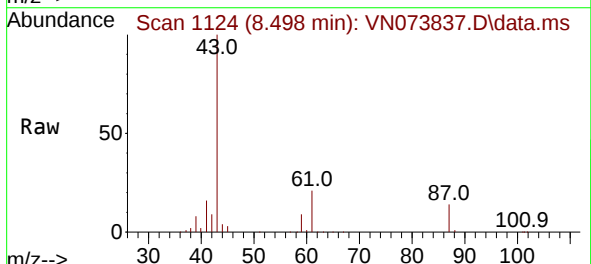
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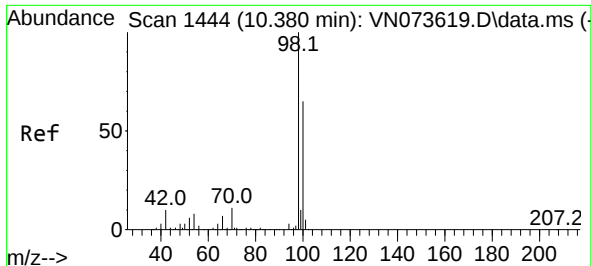
Tgt Ion: 43	Resp: 69542
Ion Ratio	Lower Upper
43 100	
61 15.5	11.8 17.6
70 11.5	9.3 13.9



#43
Isopropyl Acetate
Concen: 26.536 ug/l
RT: 8.498 min Scan# 1124
Delta R.T. 0.006 min
Lab File: VN073837.D
Acq: 11 Aug 2022 20:11

Tgt Ion: 43	Resp: 266128
Ion Ratio	Lower Upper
43 100	
61 20.1	21.9 32.9#
87 14.9	12.0 18.0

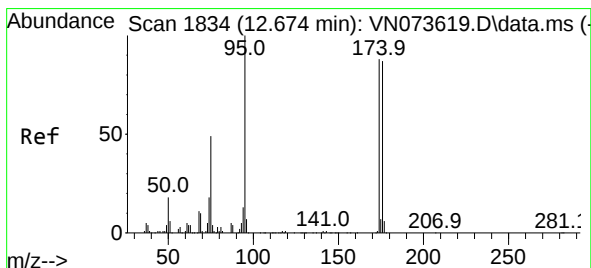
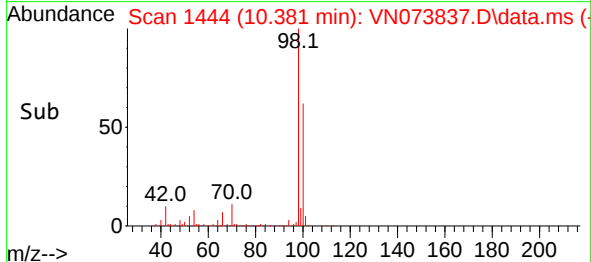
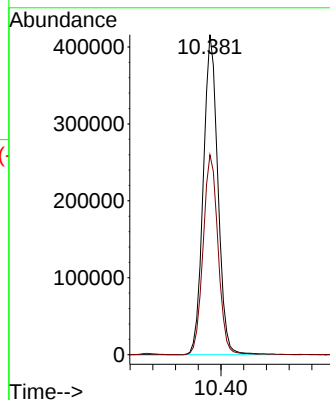
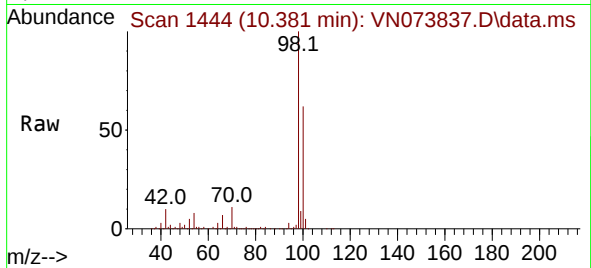




#50
Toluene-d8
Concen: 47.580 ug/l
RT: 10.381 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN073837.D
Acq: 11 Aug 2022 20:11

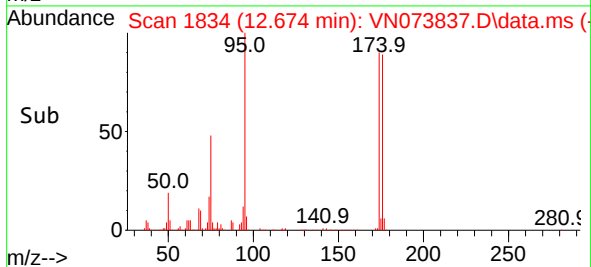
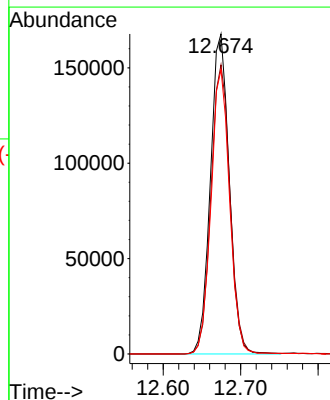
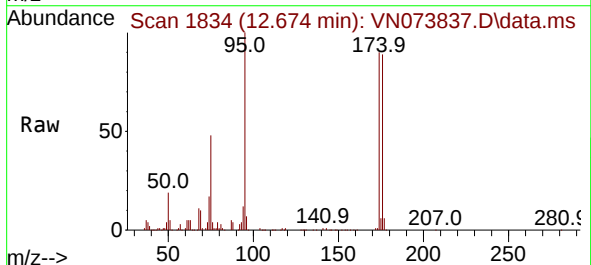
Instrument :
MSVOA_N
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WC-5

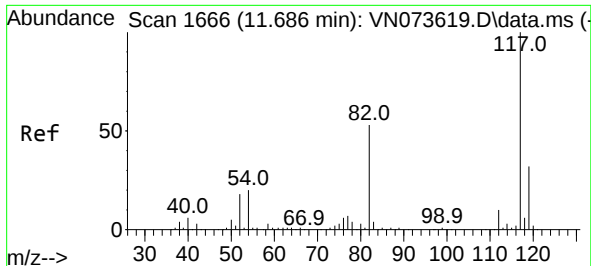
Tgt Ion: 98 Resp: 740662
Ion Ratio Lower Upper
98 100
100 63.8 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 51.680 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN073837.D
Acq: 11 Aug 2022 20:11

Tgt Ion: 95 Resp: 282949
Ion Ratio Lower Upper
95 100
174 91.8 0.0 167.6
176 87.4 0.0 163.4

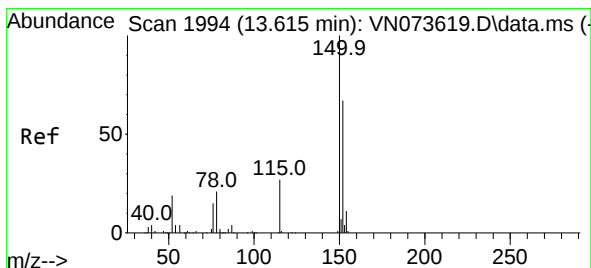
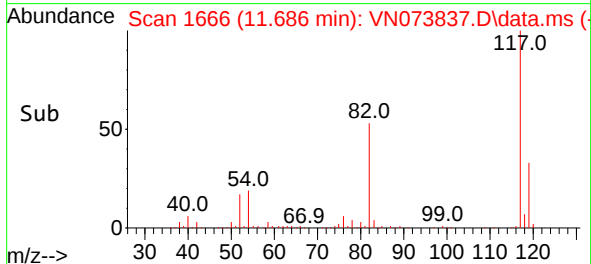
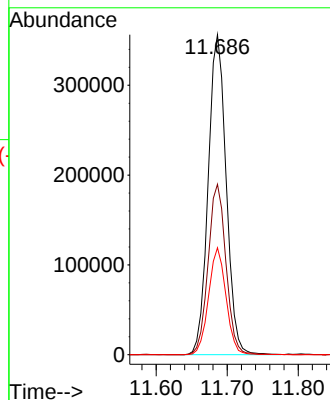
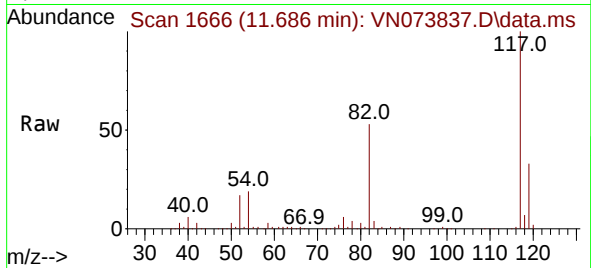




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN073837.D
Acq: 11 Aug 2022 20:11

Instrument :
MSVOA_N
ClientSampleId :
WC-5

Tgt Ion:117 Resp: 627250
Ion Ratio Lower Upper
117 100
82 53.3 44.2 66.2
119 33.4 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.616 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VN073837.D
Acq: 11 Aug 2022 20:11

Tgt Ion:152 Resp: 309143
Ion Ratio Lower Upper
152 100
115 55.6 28.9 86.7
150 156.3 0.0 356.2

