

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081522\
 Data File : VN073921.D
 Acq On : 16 Aug 2022 02:31
 Operator : JC\MD
 Sample : N4188-11
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 S15

Quant Time: Aug 16 05:14:23 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)

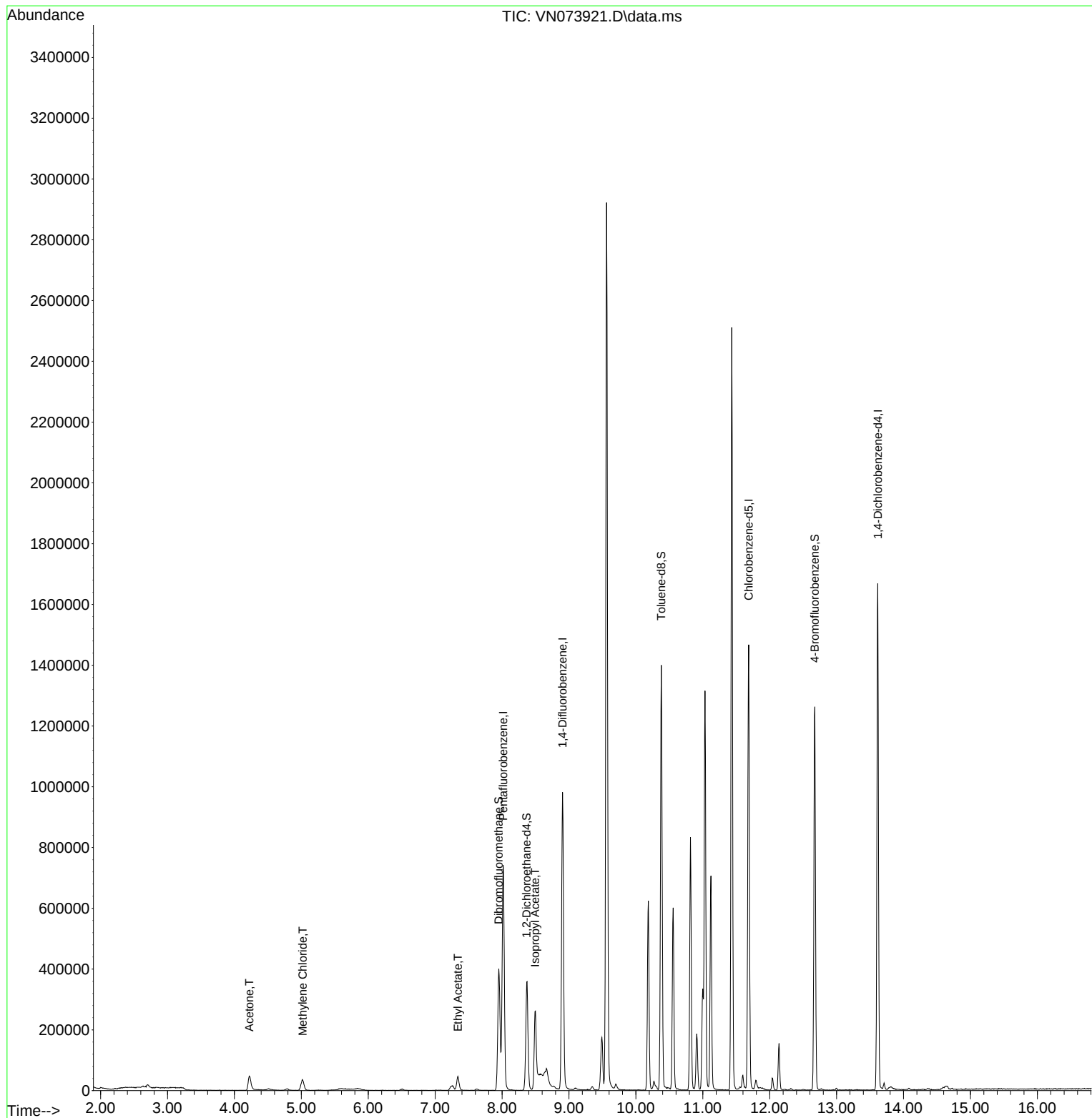
Internal Standards						
1) Pentafluorobenzene	8.016	168	640645	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	929135	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	906406	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	492096	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	298311	47.807	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.620%
35) Dibromofluoromethane	7.951	113	290276	52.827	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.660%
50) Toluene-d8	10.380	98	989851	46.513	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	93.020%
62) 4-Bromofluorobenzene	12.674	95	416735	59.005	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	118.000%
Target Compounds						
					Qvalue	
16) Acetone	4.222	43	90455	30.726	ug/l	98
20) Methylene Chloride	5.022	84	30910	4.976	ug/l	88
37) Ethyl Acetate	7.339	43	69140	7.478	ug/l	98
43) Isopropyl Acetate	8.492	43	337633	25.633	ug/l #	90

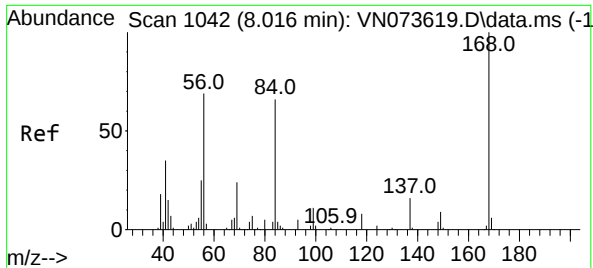
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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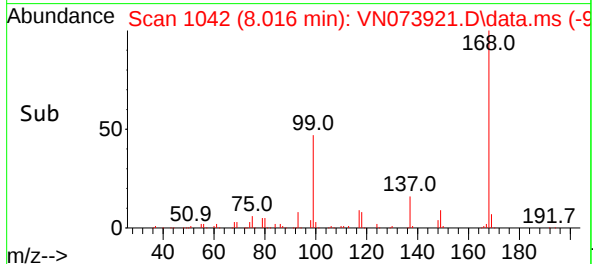
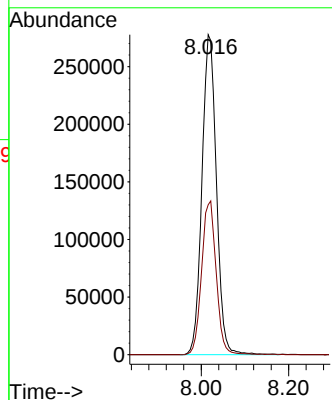
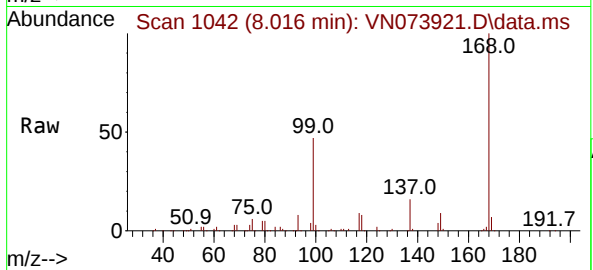




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073921.D
Acq: 16 Aug 2022 02:31

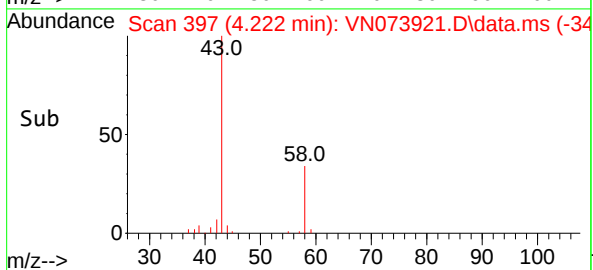
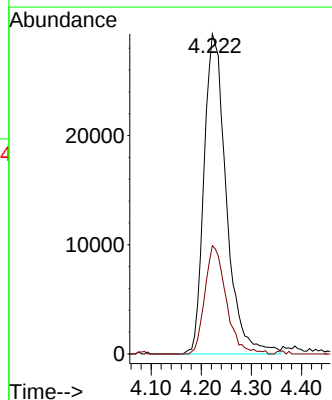
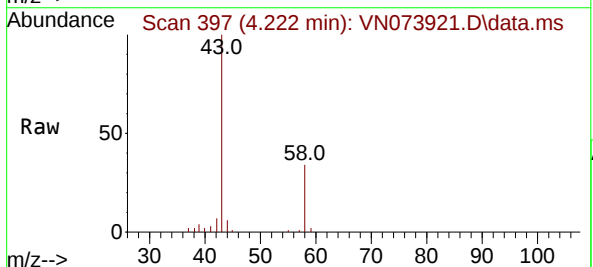
Instrument :
MSVOA_N
ClientSampleId :
S15

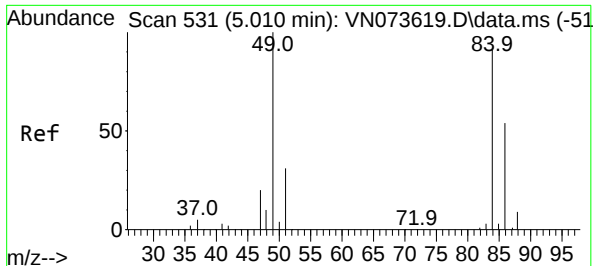
Tgt Ion:168 Resp: 640645
Ion Ratio Lower Upper
168 100
99 46.9 42.3 63.5



#16
Acetone
Concen: 30.726 ug/l
RT: 4.222 min Scan# 397
Delta R.T. 0.000 min
Lab File: VN073921.D
Acq: 16 Aug 2022 02:31

Tgt Ion: 43 Resp: 90455
Ion Ratio Lower Upper
43 100
58 33.9 26.0 39.0

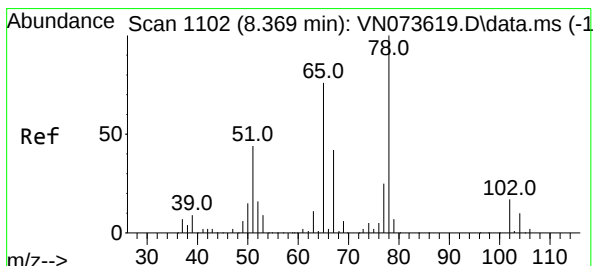
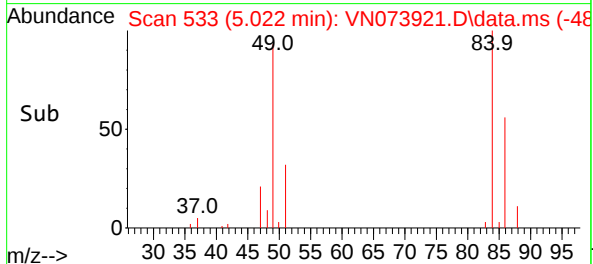
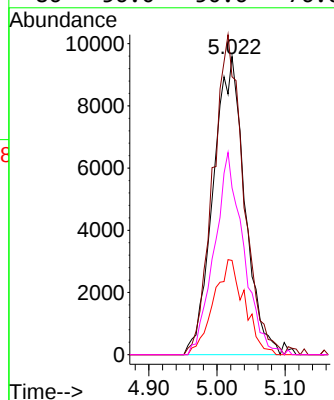
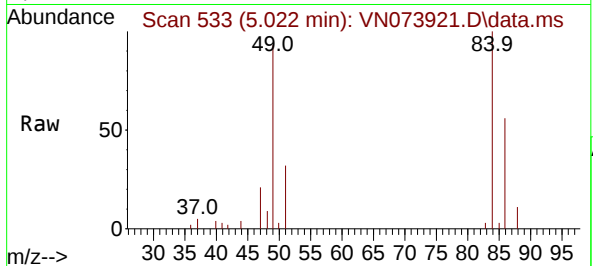




#20
Methylene Chloride
Concen: 4.976 ug/l
RT: 5.022 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN073921.D
Acq: 16 Aug 2022 02:31

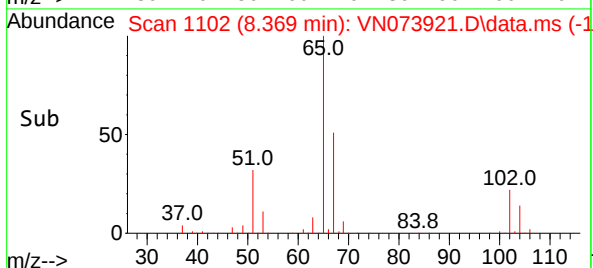
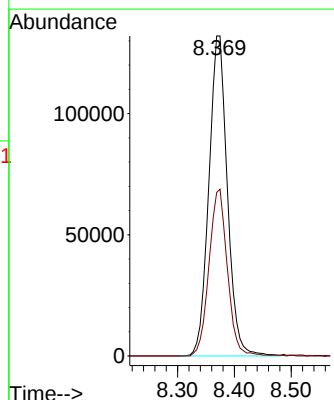
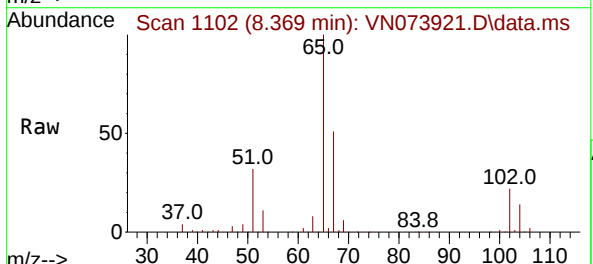
Instrument :
MSVOA_N
ClientSampleId :
S15

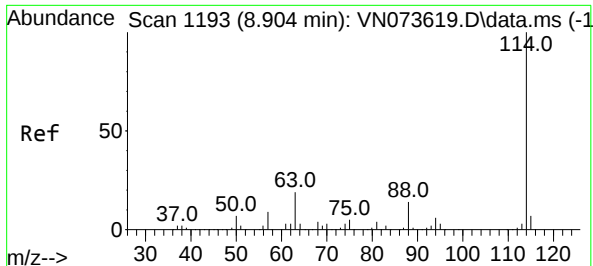
Tgt Ion: 84	Resp: 30910
Ion Ratio	Lower Upper
84 100	
49 93.2	88.3 132.5
51 31.6	28.2 42.2
86 56.0	50.6 76.0



#33
1,2-Dichloroethane-d4
Concen: 47.807 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN073921.D
Acq: 16 Aug 2022 02:31

Tgt Ion: 65	Resp: 298311
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: VN073921.D

Acq: 16 Aug 2022 02:31

Instrument :

MSVOA_N

ClientSampleId :

S15

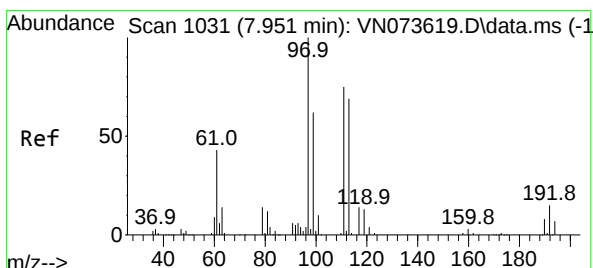
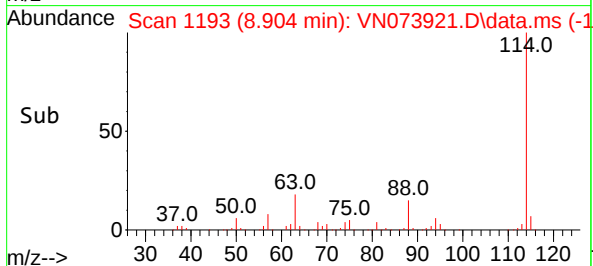
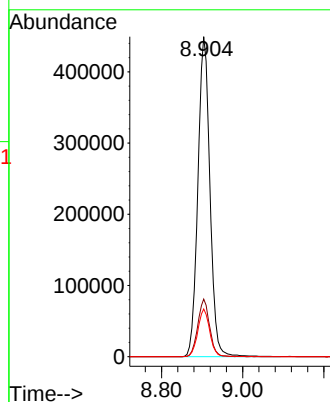
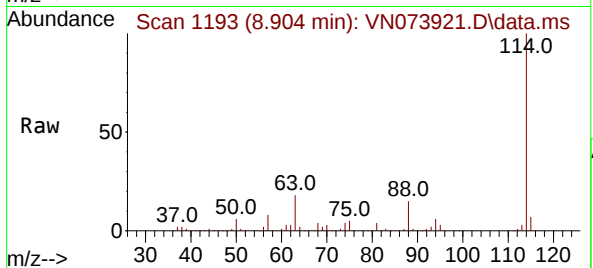
Tgt Ion:114 Resp: 929135

Ion Ratio Lower Upper

114 100

63 18.0 0.0 40.0

88 14.9 0.0 32.6



#35

Dibromofluoromethane

Concen: 52.827 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073921.D

Acq: 16 Aug 2022 02:31

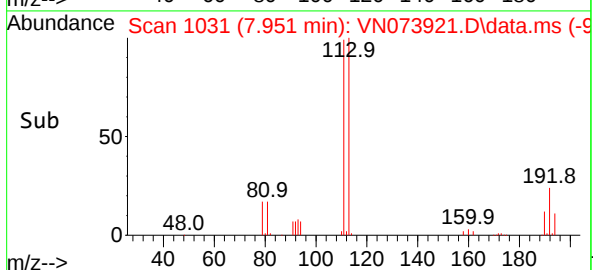
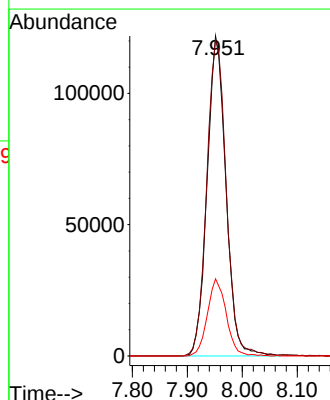
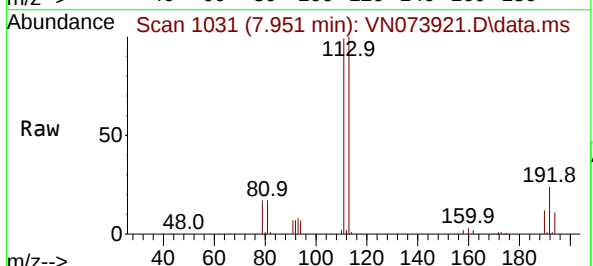
Tgt Ion:113 Resp: 290276

Ion Ratio Lower Upper

113 100

111 102.3 81.4 122.0

192 24.1 17.0 25.6

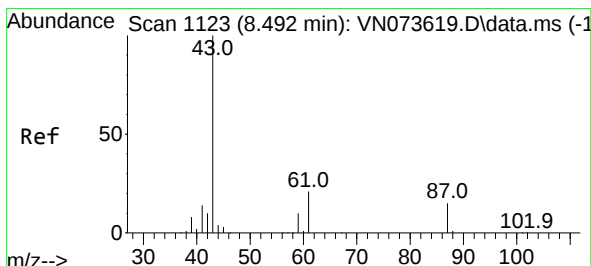
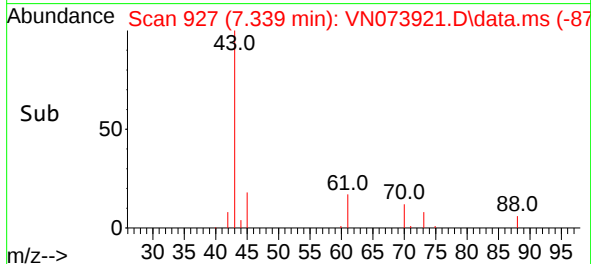
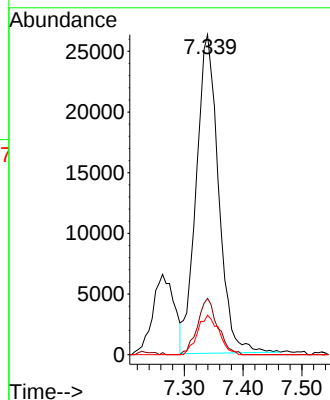
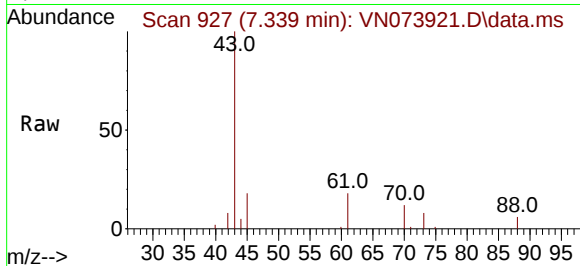




#37
Ethyl Acetate
Concen: 7.478 ug/l
RT: 7.339 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN073921.D
Acq: 16 Aug 2022 02:31

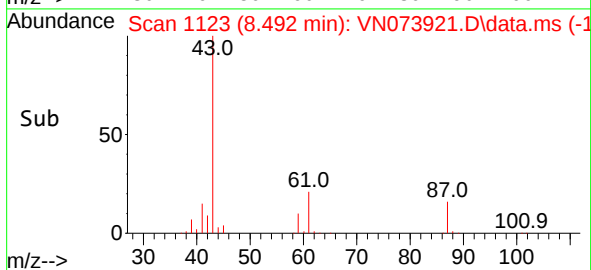
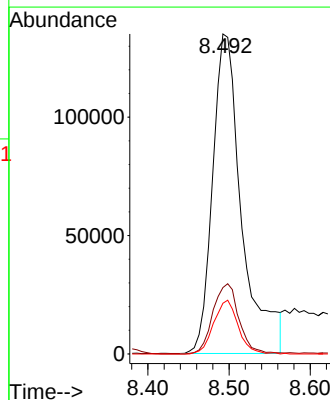
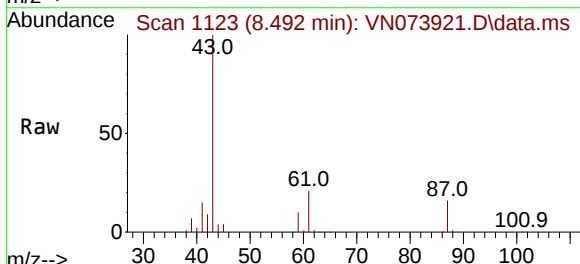
Instrument :
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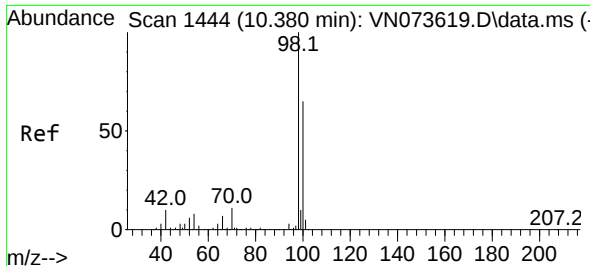
Tgt Ion:	43	Resp:	69140
Ion	Ratio	Lower	Upper
43	100		
61	16.0	11.8	17.6
70	11.9	9.3	13.9



#43
Isopropyl Acetate
Concen: 25.633 ug/l
RT: 8.492 min Scan# 1123
Delta R.T. 0.000 min
Lab File: VN073921.D
Acq: 16 Aug 2022 02:31

Tgt Ion:	43	Resp:	337633
Ion	Ratio	Lower	Upper
43	100		
61	19.8	21.9	32.9#
87	14.1	12.0	18.0

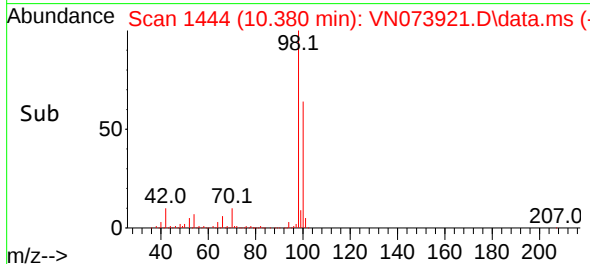
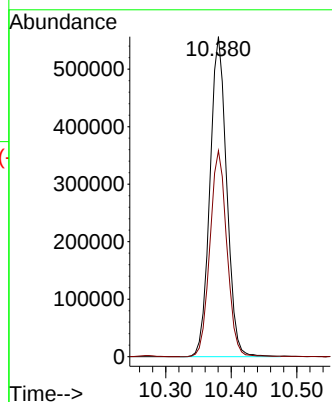
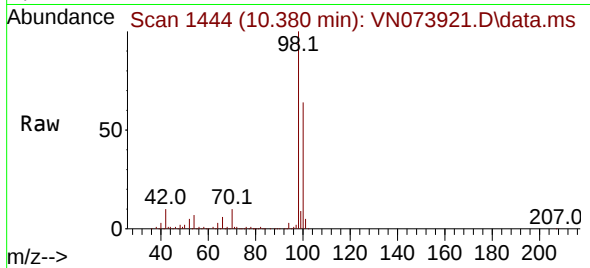




#50
Toluene-d8
Concen: 46.513 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN073921.D
Acq: 16 Aug 2022 02:31

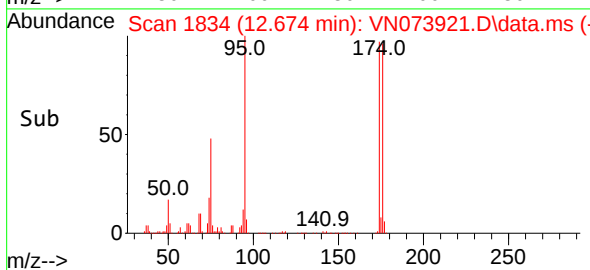
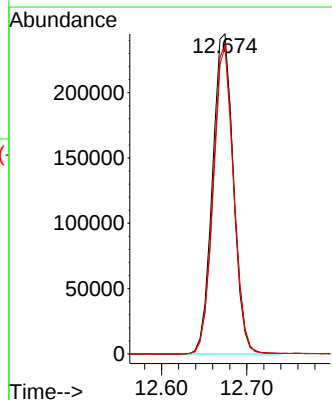
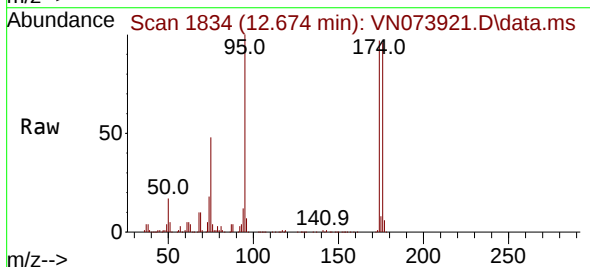
Instrument :
MSVOA_N
ClientSampleId :
S15

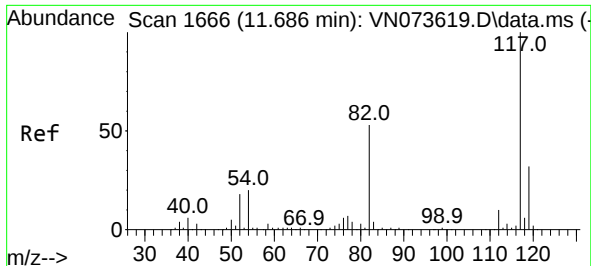
Tgt Ion: 98 Resp: 989851
Ion Ratio Lower Upper
98 100
100 64.9 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 59.005 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN073921.D
Acq: 16 Aug 2022 02:31

Tgt Ion: 95 Resp: 416735
Ion Ratio Lower Upper
95 100
174 96.2 0.0 167.6
176 93.1 0.0 163.4

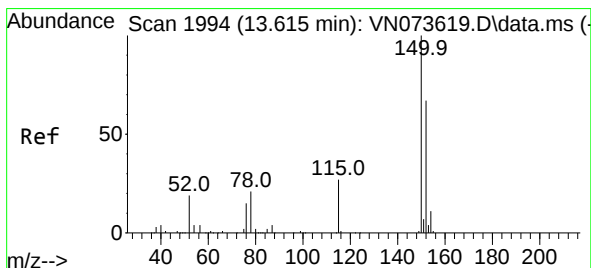
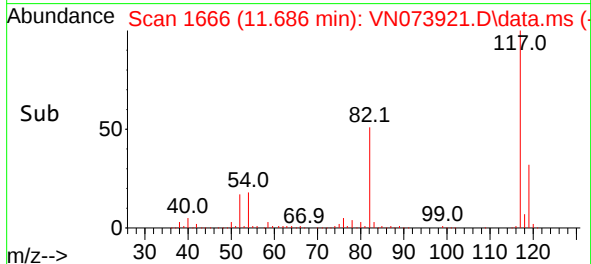
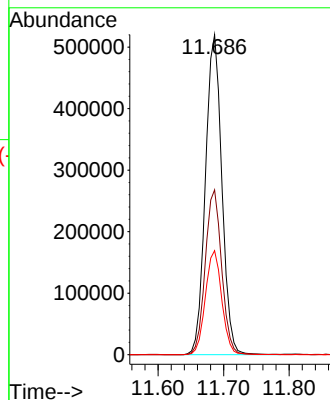
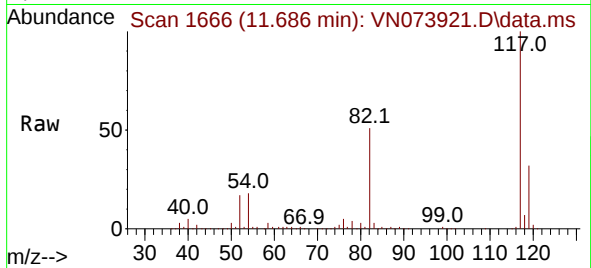




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN073921.D
Acq: 16 Aug 2022 02:31

Instrument :
MSVOA_N
ClientSampleId :
S15

Tgt Ion:117 Resp: 906406
Ion Ratio Lower Upper
117 100
82 51.5 44.2 66.2
119 32.5 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: VN073921.D
Acq: 16 Aug 2022 02:31

Tgt Ion:152 Resp: 492096
Ion Ratio Lower Upper
152 100
115 53.6 28.9 86.7
150 155.2 0.0 356.2

