

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN062123\  
 Data File : VN078337.D  
 Acq On : 21 Jun 2023 21:11  
 Operator : JC\MD  
 Sample : 03337-20  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 WC-11

Quant Time: Jun 22 04:56:32 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N060623W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jun 07 05:05:00 2023  
 Response via : Initial Calibration

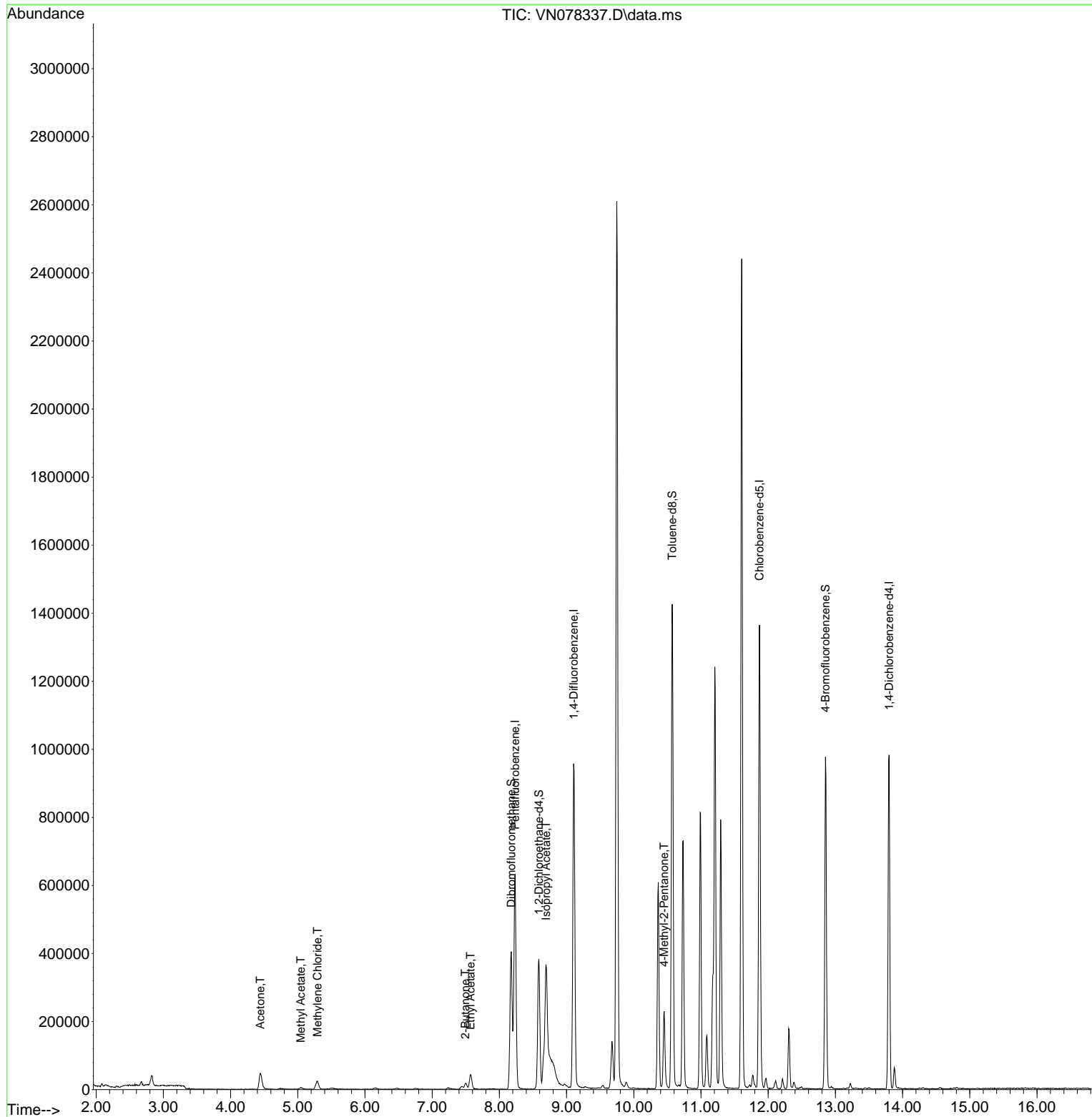
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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Internal Standards						
1) Pentafluorobenzene	8.236	168	442146	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	852152	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	806564	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	272823	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	323646	54.900	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	109.800%
35) Dibromofluoromethane	8.177	113	294165	54.596	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	109.200%
50) Toluene-d8	10.571	98	1026142	49.402	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.800%
62) 4-Bromofluorobenzene	12.853	95	342409	53.026	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	106.060%
Target Compounds						
						Qvalue
16) Acetone	4.442	43	88622	52.228	ug/l	95
18) Methyl Acetate	5.047	43	9070	1.161	ug/l #	73
20) Methylene Chloride	5.295	84	19467	3.472	ug/l #	91
25) 2-Butanone	7.494	43	26073	9.992	ug/l #	70
37) Ethyl Acetate	7.571	43	67585	11.194	ug/l	96
43) Isopropyl Acetate	8.694	43	534862	46.323	ug/l #	70
51) 4-Methyl-2-Pentanone	10.453	43	152793	25.129	ug/l	91

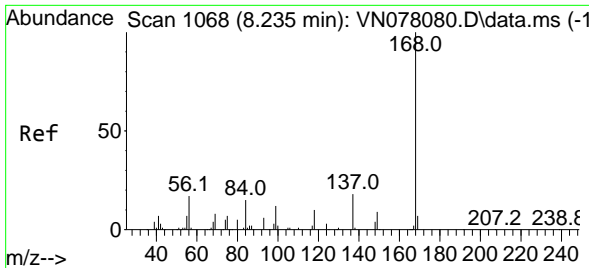
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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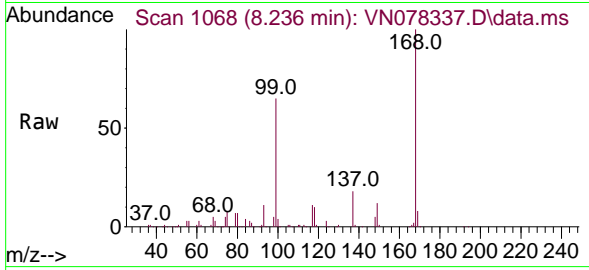
Quant Time: Jun 22 04:56:32 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N060623W.M  
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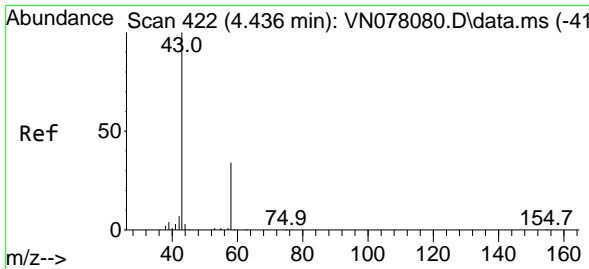
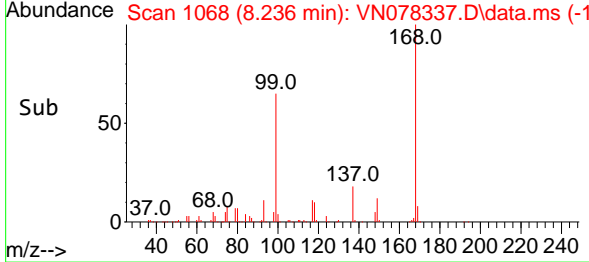
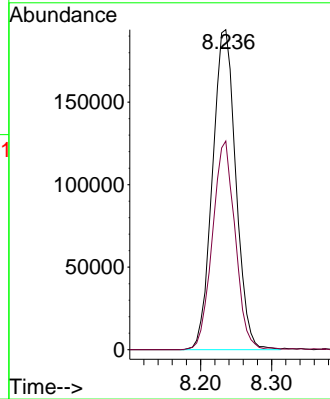


#1  
 Pentafluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.236 min Scan# 1068  
 Delta R.T. 0.001 min  
 Lab File: VN078337.D  
 Acq: 21 Jun 2023 21:11

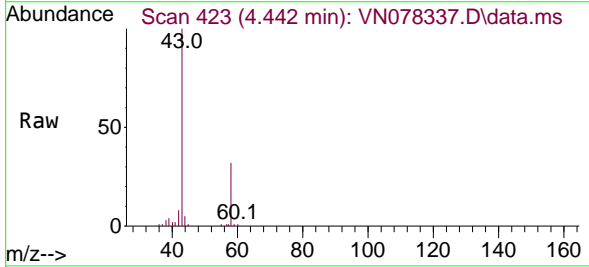
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 WC-11



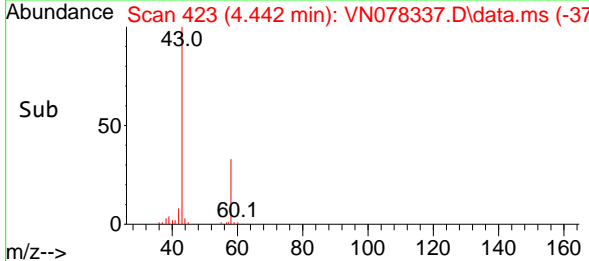
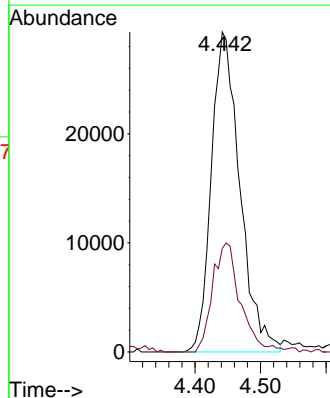
Tgt Ion:168 Resp: 442146  
 Ion Ratio Lower Upper  
 168 100  
 99 65.2 53.0 79.6

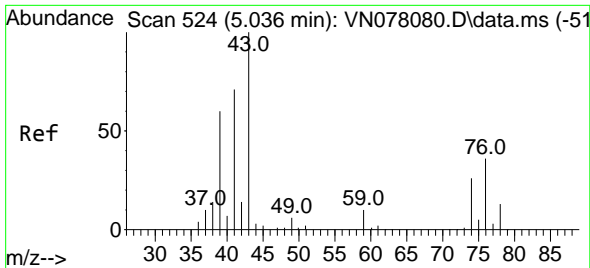


#16  
 Acetone  
 Concen: 52.228 ug/l  
 RT: 4.442 min Scan# 423  
 Delta R.T. 0.006 min  
 Lab File: VN078337.D  
 Acq: 21 Jun 2023 21:11



Tgt Ion: 43 Resp: 88622  
 Ion Ratio Lower Upper  
 43 100  
 58 32.4 28.0 42.0

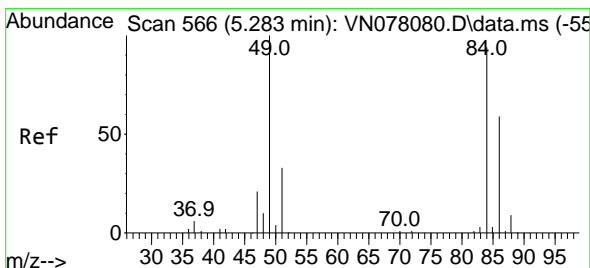
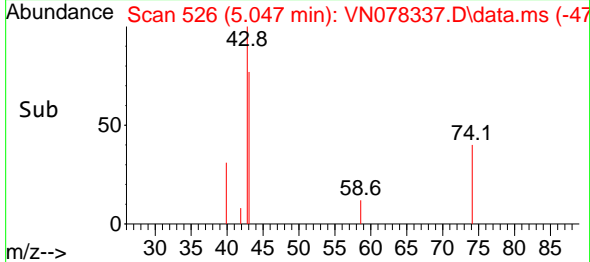
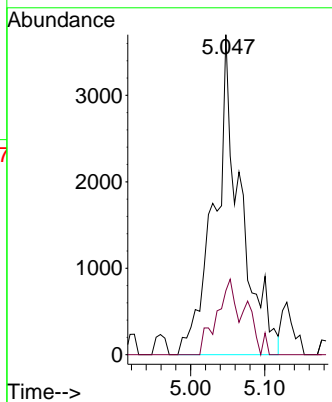
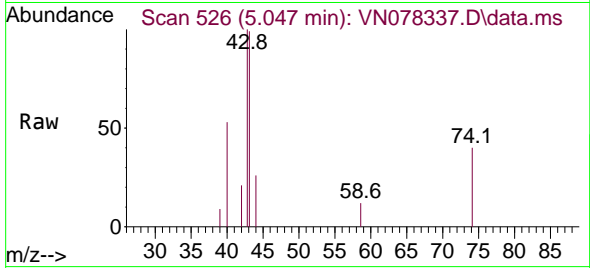




#18  
 Methyl Acetate  
 Concen: 1.161 ug/l  
 RT: 5.047 min Scan# 51  
 Delta R.T. 0.012 min  
 Lab File: VN078337.D  
 Acq: 21 Jun 2023 21:11

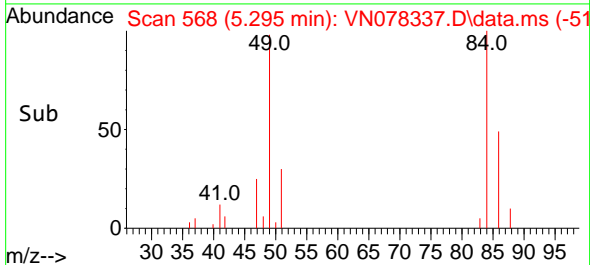
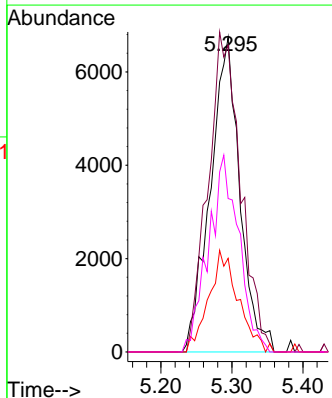
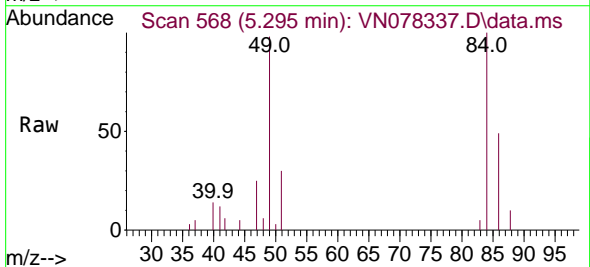
Instrument :  
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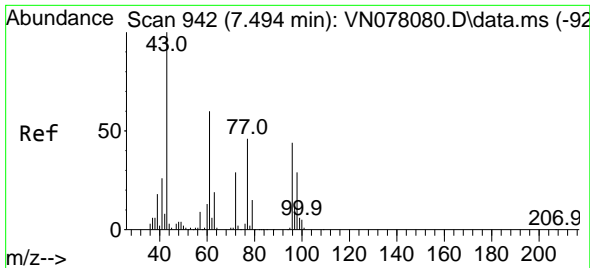
Tgt Ion: 43 Resp: 9070  
 Ion Ratio Lower Upper  
 43 100  
 74 17.4 26.2 39.4#



#20  
 Methylene Chloride  
 Concen: 3.472 ug/l  
 RT: 5.295 min Scan# 568  
 Delta R.T. 0.012 min  
 Lab File: VN078337.D  
 Acq: 21 Jun 2023 21:11

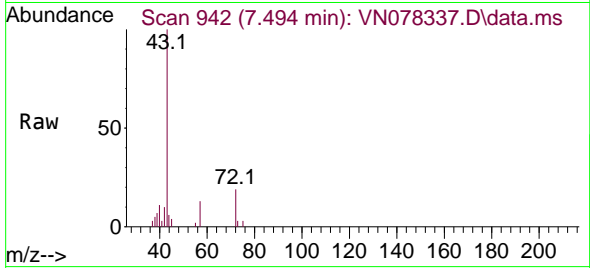
Tgt Ion: 84 Resp: 19467  
 Ion Ratio Lower Upper  
 84 100  
 49 97.5 79.7 119.5  
 51 29.8 25.2 37.8  
 86 48.8 53.3 79.9#



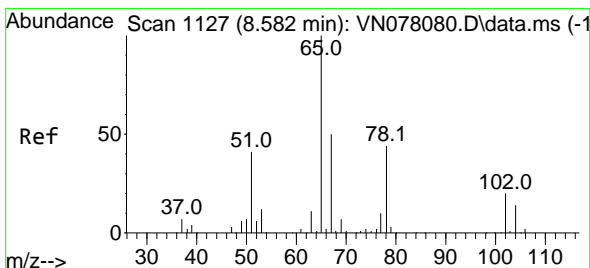
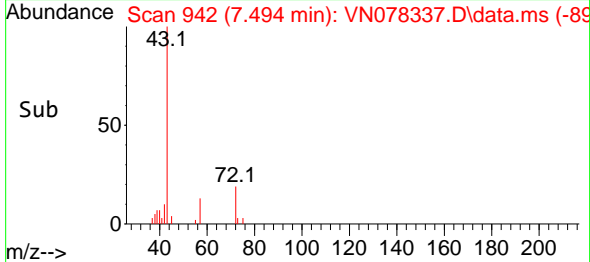
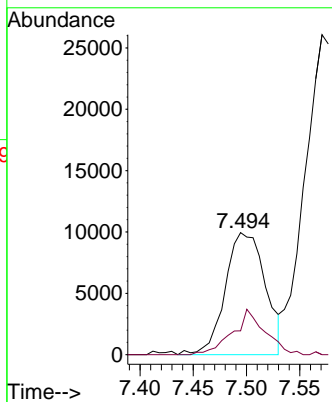


#25  
 2-Butanone  
 Concen: 9.992 ug/l  
 RT: 7.494 min Scan# 94  
 Delta R.T. 0.000 min  
 Lab File: VN078337.D  
 Acq: 21 Jun 2023 21:11

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
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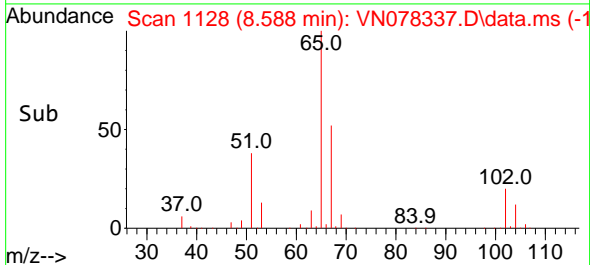
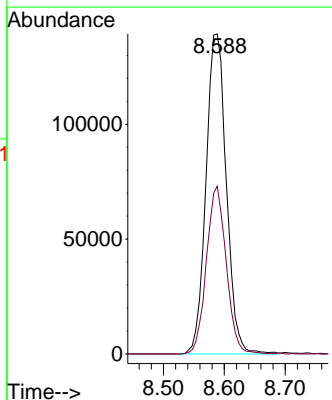
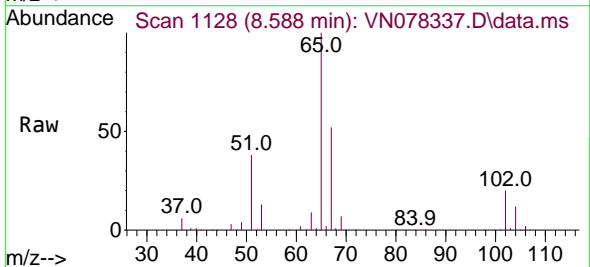


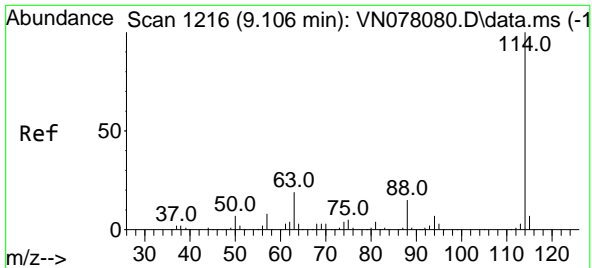
Tgt Ion: 43 Resp: 26073  
 Ion Ratio Lower Upper  
 43 100  
 72 19.5 30.2 45.2#



#33  
 1,2-Dichloroethane-d4  
 Concen: 54.900 ug/l  
 RT: 8.588 min Scan# 1128  
 Delta R.T. 0.006 min  
 Lab File: VN078337.D  
 Acq: 21 Jun 2023 21:11

Tgt Ion: 65 Resp: 323646  
 Ion Ratio Lower Upper  
 65 100  
 67 51.0 0.0 106.6

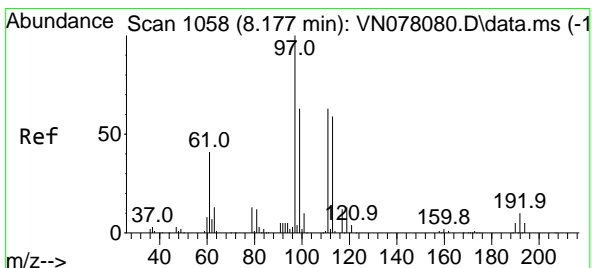
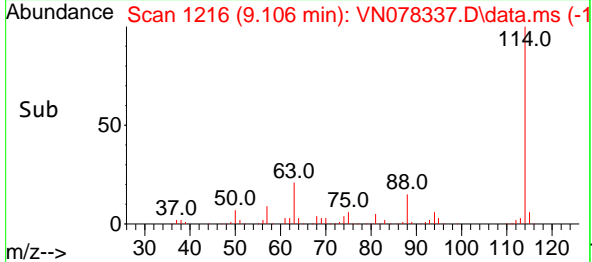
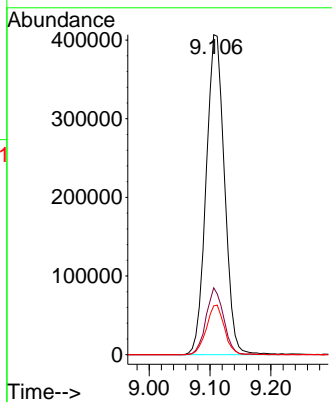
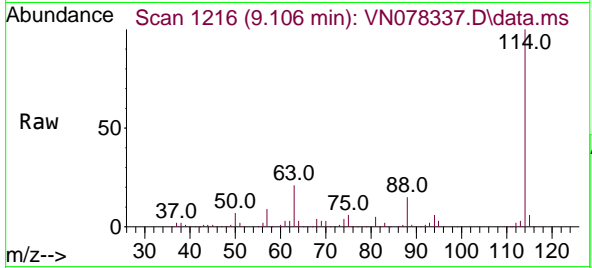




#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 9.106 min Scan# 11  
 Delta R.T. 0.000 min  
 Lab File: VN078337.D  
 Acq: 21 Jun 2023 21:11

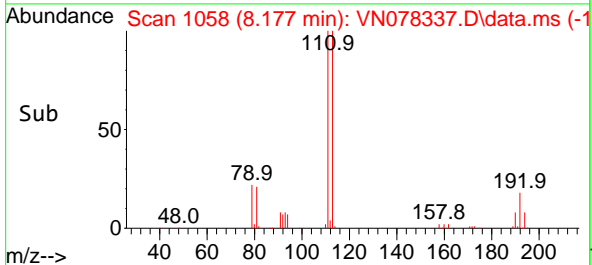
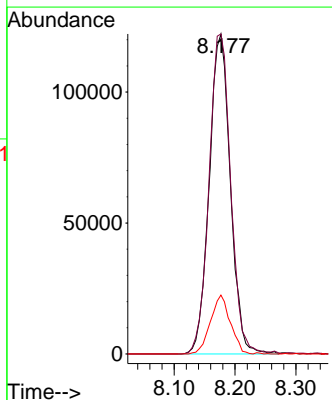
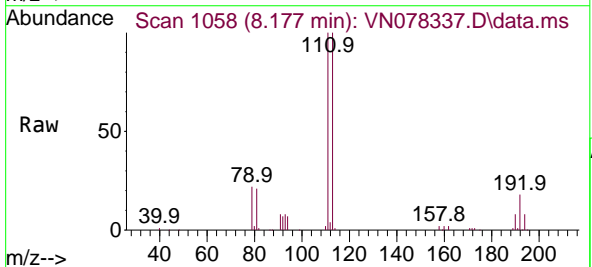
Instrument :  
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 ClientSampleId :  
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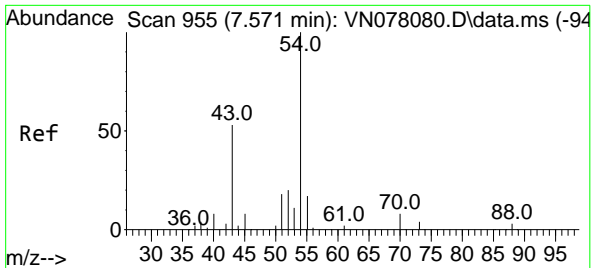
Tgt Ion	Resp	Lower	Upper
114	100		
63	20.9	0.0	36.4
88	15.3	0.0	30.6



#35  
 Dibromofluoromethane  
 Concen: 54.596 ug/l  
 RT: 8.177 min Scan# 1058  
 Delta R.T. 0.000 min  
 Lab File: VN078337.D  
 Acq: 21 Jun 2023 21:11

Tgt Ion	Resp	Lower	Upper
113	100		
111	102.5	82.6	123.8
192	17.3	12.7	19.1

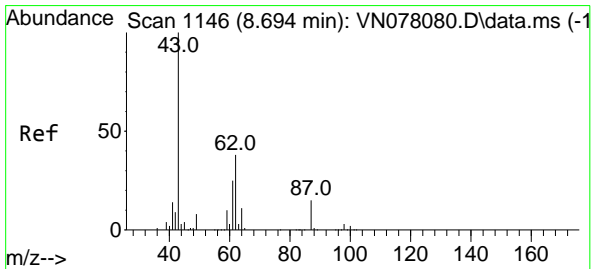
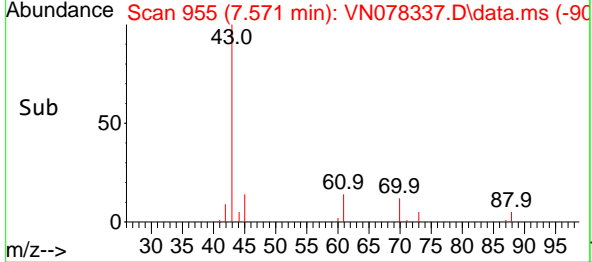
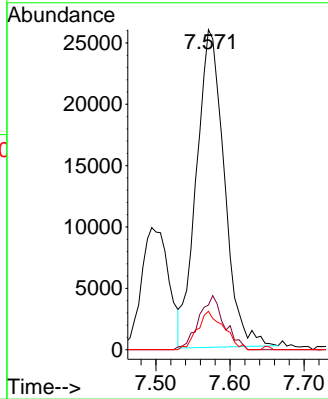
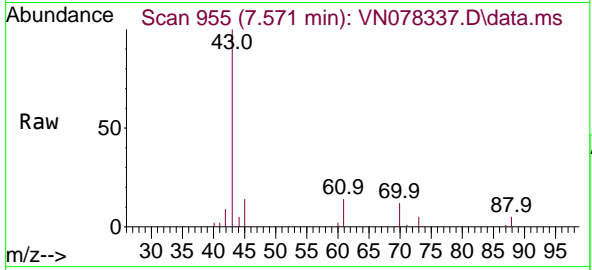




#37  
 Ethyl Acetate  
 Concen: 11.194 ug/l  
 RT: 7.571 min Scan# 91  
 Delta R.T. 0.000 min  
 Lab File: VN078337.D  
 Acq: 21 Jun 2023 21:11

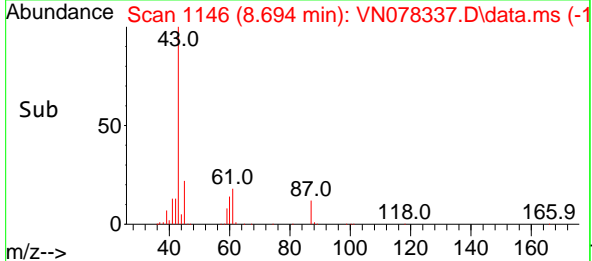
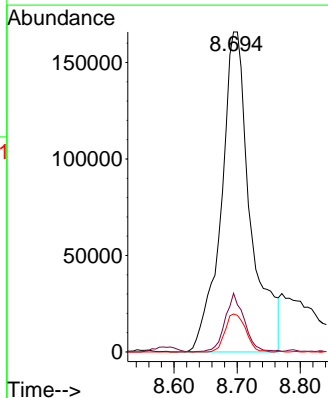
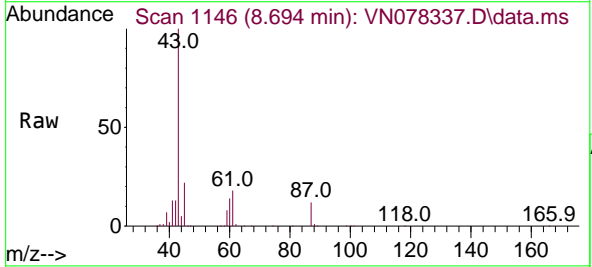
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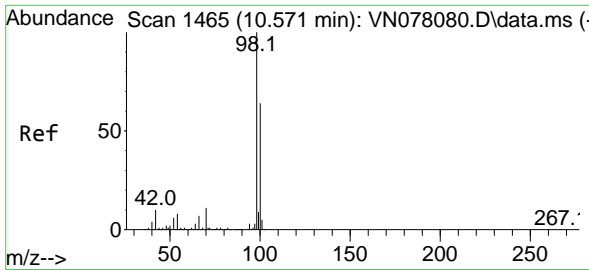
Tgt Ion	Resp	Lower	Upper
43	67585		
61	15.6	13.2	19.8
70	11.4	11.3	16.9



#43  
 Isopropyl Acetate  
 Concen: 46.323 ug/l  
 RT: 8.694 min Scan# 1146  
 Delta R.T. 0.000 min  
 Lab File: VN078337.D  
 Acq: 21 Jun 2023 21:11

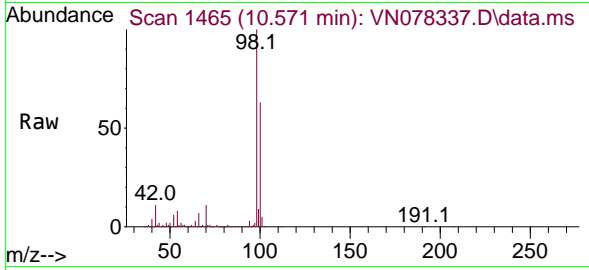
Tgt Ion	Resp	Lower	Upper
43	534862		
61	12.1	24.7	37.1#
87	8.3	14.6	21.8#



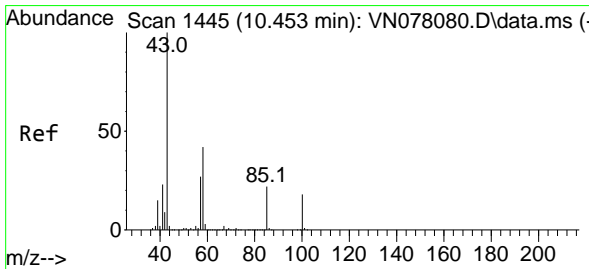
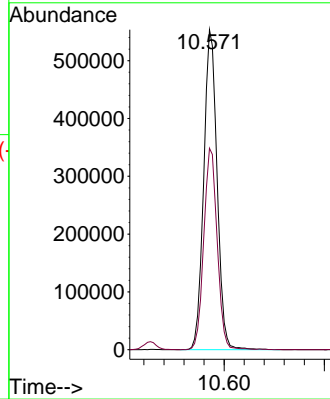
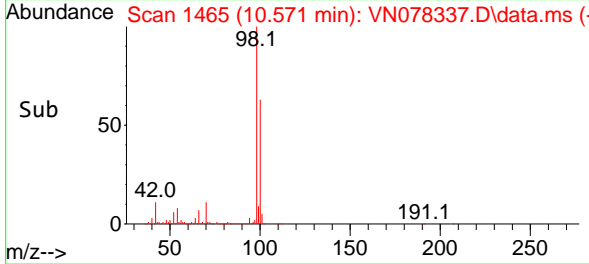


#50  
 Toluene-d8  
 Concen: 49.402 ug/l  
 RT: 10.571 min Scan# 1465  
 Delta R.T. 0.000 min  
 Lab File: VN078337.D  
 Acq: 21 Jun 2023 21:11

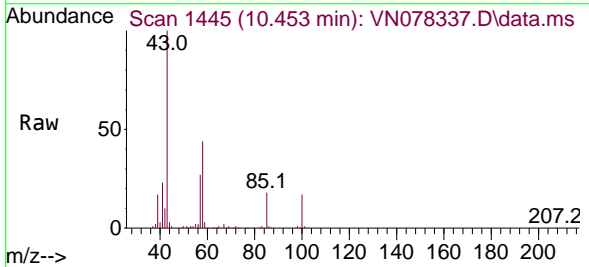
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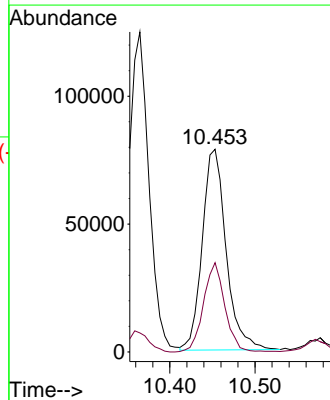
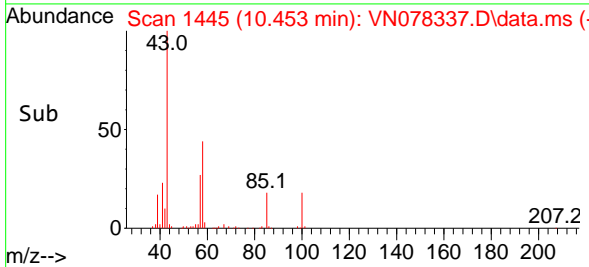
Tgt Ion: 98 Resp: 1026142  
 Ion Ratio Lower Upper  
 98 100  
 100 63.2 52.0 78.0



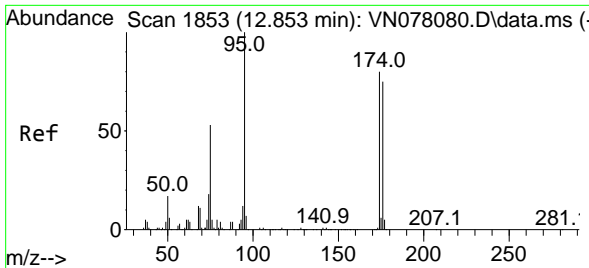
#51  
 4-Methyl-2-Pentanone  
 Concen: 25.129 ug/l  
 RT: 10.453 min Scan# 1445  
 Delta R.T. 0.000 min  
 Lab File: VN078337.D  
 Acq: 21 Jun 2023 21:11



Tgt Ion: 43 Resp: 152793  
 Ion Ratio Lower Upper  
 43 100  
 58 39.9 36.6 54.8



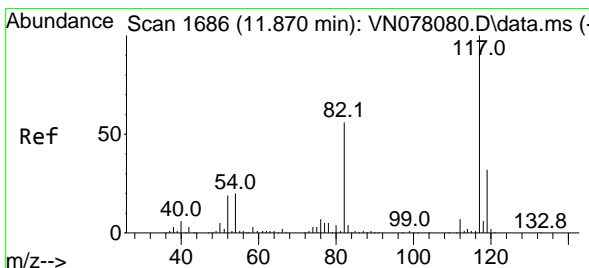
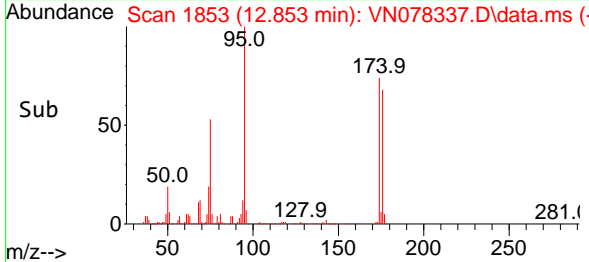
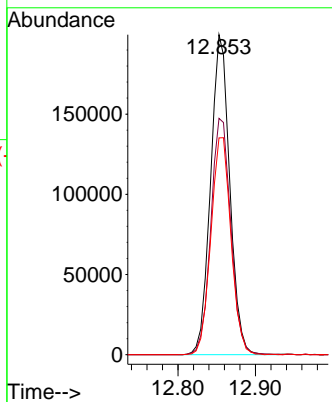
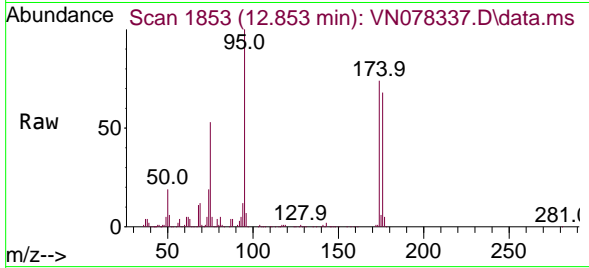




#62  
 4-Bromofluorobenzene  
 Concen: 53.026 ug/l  
 RT: 12.853 min Scan# 1853  
 Delta R.T. 0.000 min  
 Lab File: VN078337.D  
 Acq: 21 Jun 2023 21:11

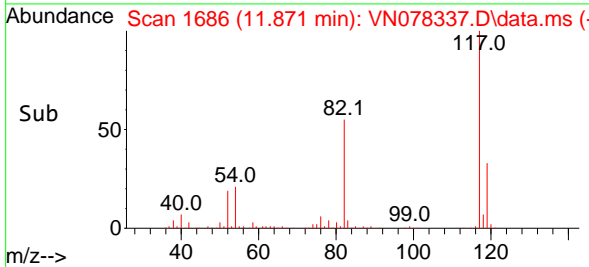
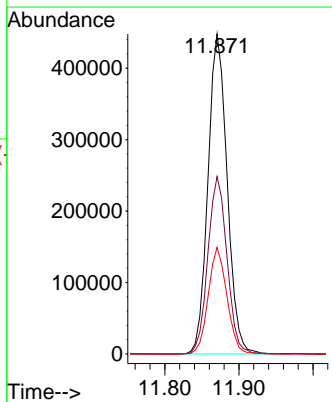
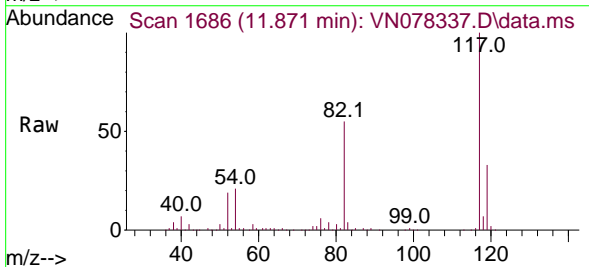
Instrument : MSVOA\_N  
 ClientSampleId : WC-11

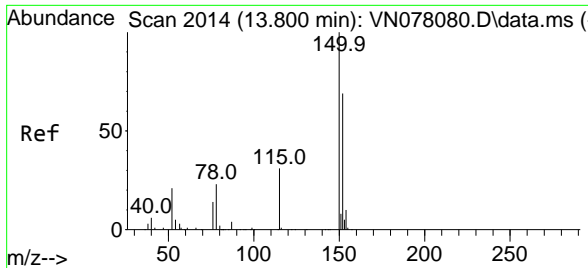
Tgt Ion: 95 Resp: 342409  
 Ion Ratio Lower Upper  
 95 100  
 174 77.1 0.0 143.8  
 176 71.2 0.0 135.8



#63  
 Chlorobenzene-d5  
 Concen: 50.000 ug/l  
 RT: 11.871 min Scan# 1686  
 Delta R.T. 0.000 min  
 Lab File: VN078337.D  
 Acq: 21 Jun 2023 21:11

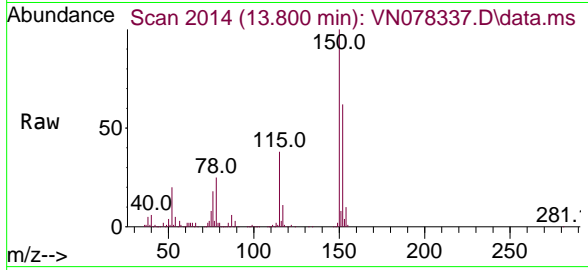
Tgt Ion:117 Resp: 806564  
 Ion Ratio Lower Upper  
 117 100  
 82 55.4 44.0 66.0  
 119 33.3 25.6 38.4





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 13.800 min Scan# 20  
 Delta R.T. 0.000 min  
 Lab File: VN078337.D  
 Acq: 21 Jun 2023 21:11

Instrument :  
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Tgt Ion:152 Resp: 272823

Ion	Ratio	Lower	Upper
152	100		
115	60.3	32.3	96.8
150	156.4	0.0	355.8

