

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN022621\  
 Data File : VN066057.D  
 Acq On : 26 Feb 2021 17:30  
 Operator : JC/MD  
 Sample : M1488-06 20X  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampled :  
 41697

Quant Time: Feb 26 23:35:45 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N021721W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Feb 17 15:48:13 2021  
 Response via : Initial Calibration

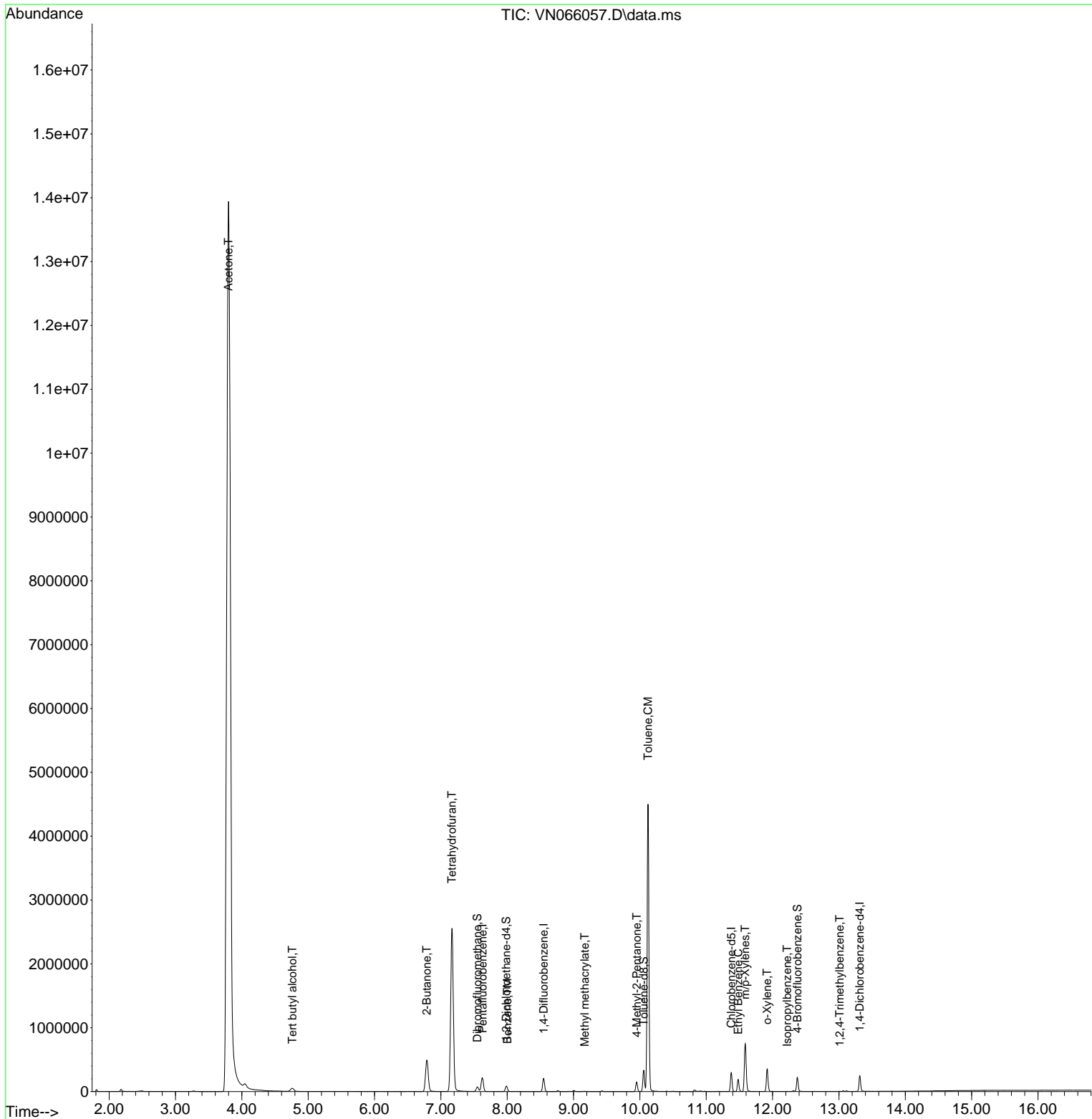
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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Internal Standards						
1) Pentafluorobenzene	7.627	168	115419	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	186606	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	175885	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	70912	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	77142	47.79	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery =	95.58%		
35) Dibromofluoromethane	7.550	113	55317	47.90	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery =	95.80%		
50) Toluene-d8	10.058	98	231106	48.75	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery =	97.50%		
62) 4-Bromofluorobenzene	12.373	95	85837	48.23	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery =	96.46%		
Target Compounds						
						Qvalue
11) Tert butyl alcohol	4.762	59	105767	471.28	ug/l	99
16) Acetone	3.798	43	23922164	47484.84	ug/l #	27
25) 2-Butanone	6.788	43	879555	1100.88	ug/l	100
29) Tetrahydrofuran	7.168	42	2092859	3804.86	ug/l	92
40) Benzene	8.004	78	2842	0.50	ug/l	95
48) Methyl methacrylate	9.167	41	2925	2.18	ug/l	87
51) 4-Methyl-2-Pentanone	9.952	43	98284	61.00	ug/l	98
52) Toluene	10.122	92	2070859	597.30	ug/l	92
67) Ethyl Benzene	11.482	91	144444	21.70	ug/l	99
68) m/p-Xylenes	11.589	106	246556	99.25	ug/l	95
69) o-Xylene	11.920	106	98183	40.99	ug/l	95
73) Isopropylbenzene	12.219	105	1642	0.28	ug/l	81
84) 1,2,4-Trimethylbenzene	13.013	105	1723	0.35	ug/l	88
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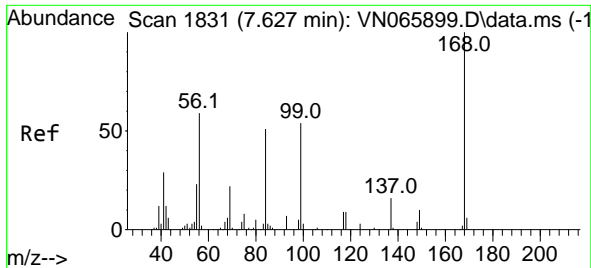
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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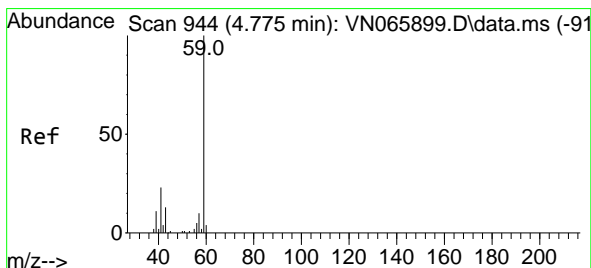
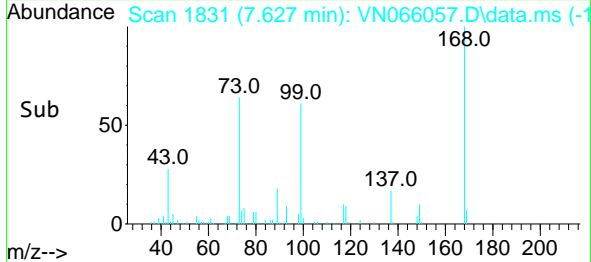
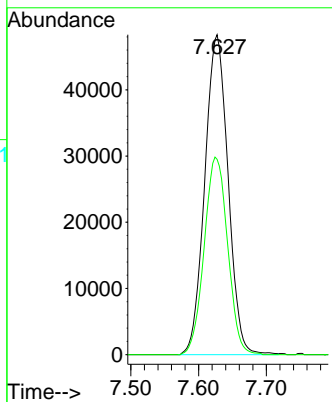
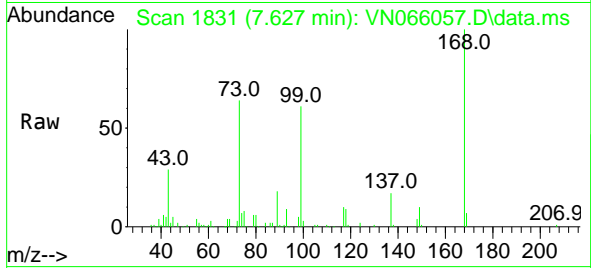




#1  
 Pentafluorobenzene  
 Concen: 50.00 ug/l  
 RT: 7.627 min Scan# 1831  
 Delta R.T. 0.000 min  
 Lab File: VN066057.D  
 Acq: 26 Feb 2021 17:30

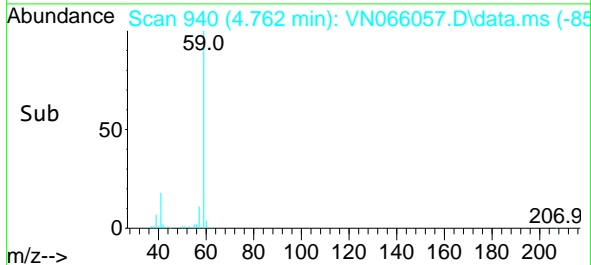
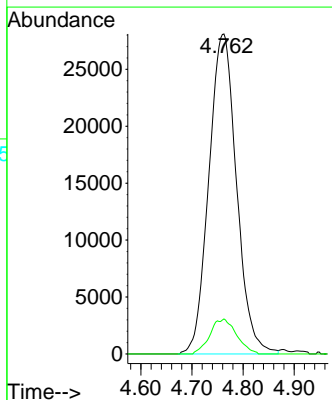
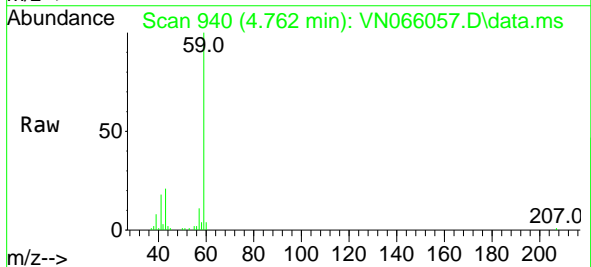
Instrument :  
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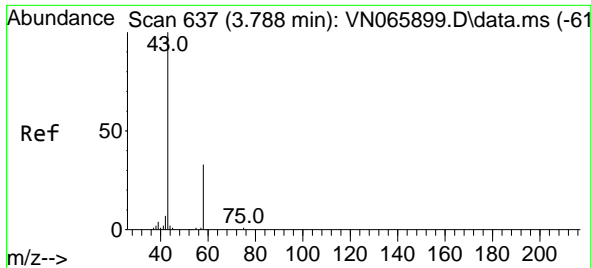
Tgt Ion:168 Resp: 115419  
 Ion Ratio Lower Upper  
 168 100  
 99 61.0 42.6 63.8



#11  
 Tert butyl alcohol  
 Concen: 471.28 ug/l  
 RT: 4.762 min Scan# 940  
 Delta R.T. -0.013 min  
 Lab File: VN066057.D  
 Acq: 26 Feb 2021 17:30

Tgt Ion: 59 Resp: 105767  
 Ion Ratio Lower Upper  
 59 100  
 57 10.5 8.0 12.0

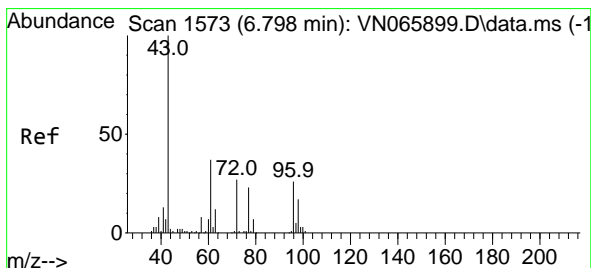
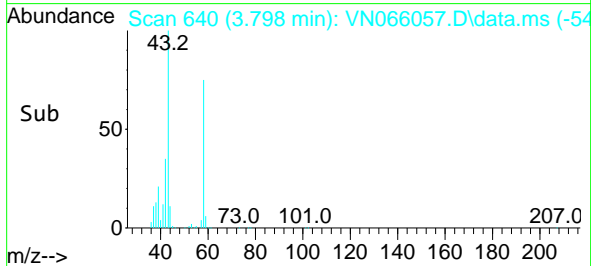
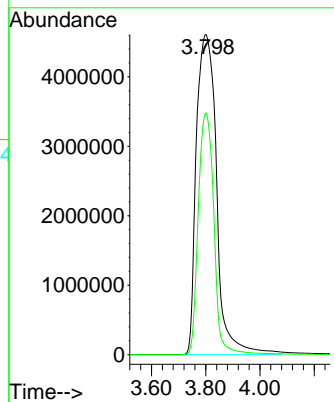
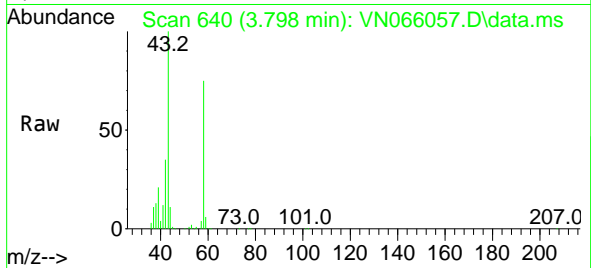




#16  
 Acetone  
 Concen: 47484.84 ug/l  
 RT: 3.798 min Scan# 640  
 Delta R.T. 0.010 min  
 Lab File: VN066057.D  
 Acq: 26 Feb 2021 17:30

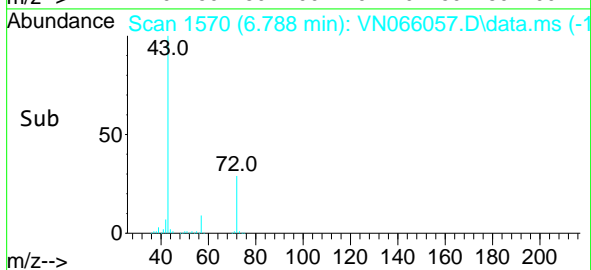
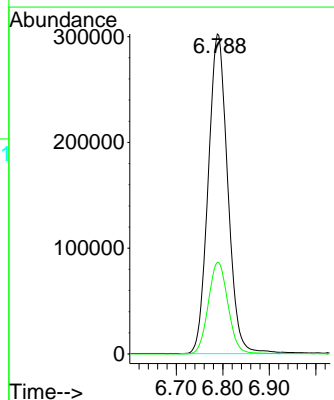
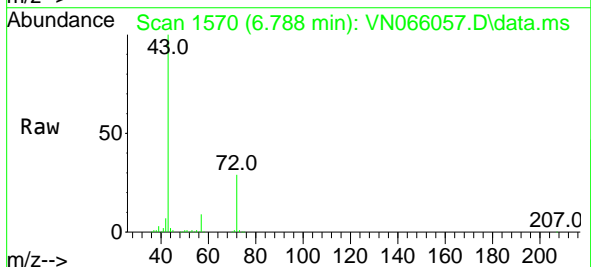
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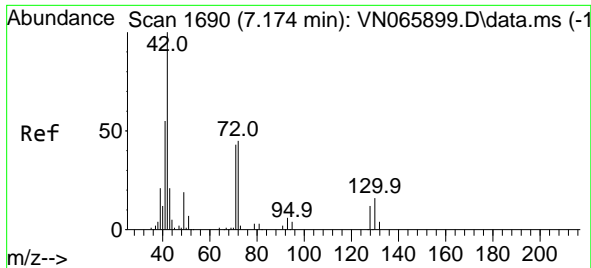
Tgt Ion: 43 Resp: 23922164  
 Ion Ratio Lower Upper  
 43 100  
 58 75.4 27.0 40.6#



#25  
 2-Butanone  
 Concen: 1100.88 ug/l  
 RT: 6.788 min Scan# 1570  
 Delta R.T. -0.010 min  
 Lab File: VN066057.D  
 Acq: 26 Feb 2021 17:30

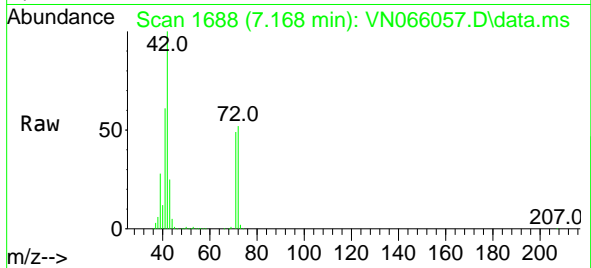
Tgt Ion: 43 Resp: 879555  
 Ion Ratio Lower Upper  
 43 100  
 72 28.7 23.1 34.7



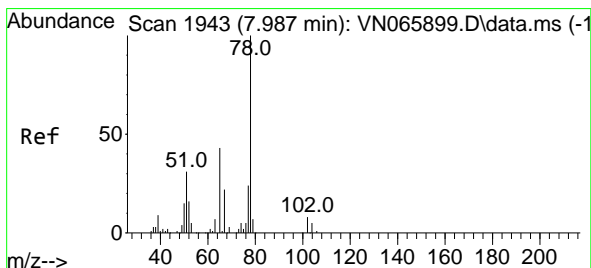
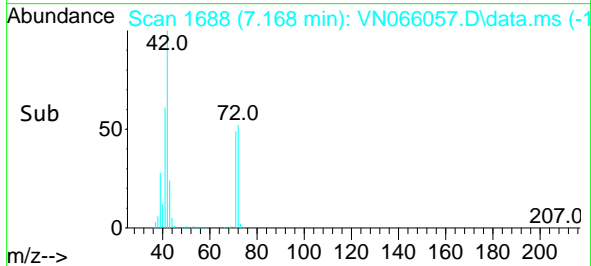
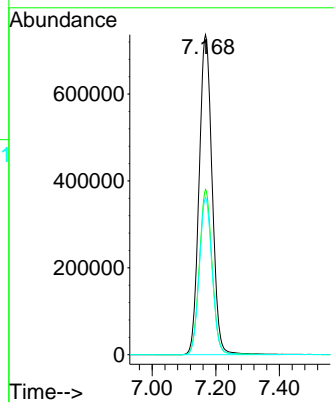


#29  
 Tetrahydrofuran  
 Concen: 3804.86 ug/l  
 RT: 7.168 min Scan# 1688  
 Delta R.T. -0.006 min  
 Lab File: VN066057.D  
 Acq: 26 Feb 2021 17:30

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 ClientSampled :  
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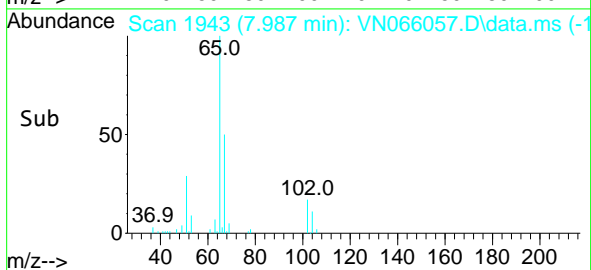
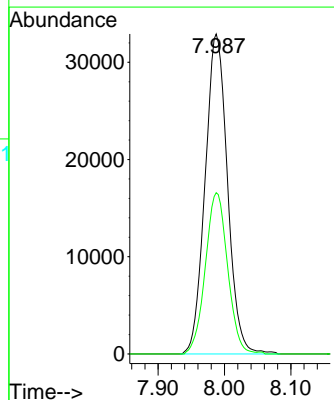
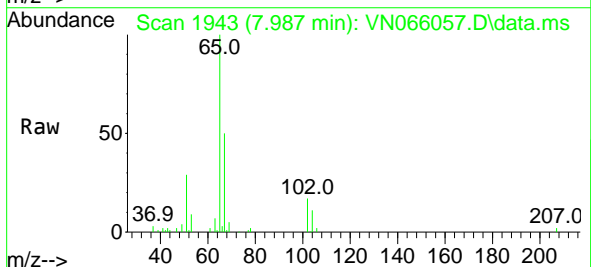


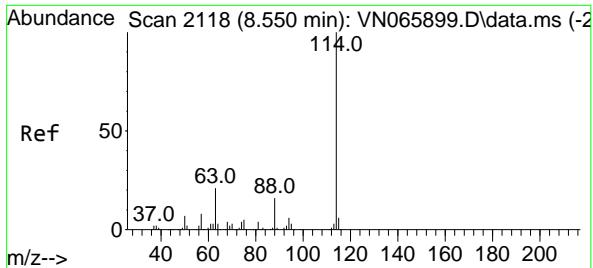
Tgt Ion: 42 Resp: 2092859  
 Ion Ratio Lower Upper  
 42 100  
 72 50.7 36.6 55.0  
 71 48.3 34.3 51.5



#33  
 1,2-Dichloroethane-d4  
 Concen: 47.79 ug/l  
 RT: 7.987 min Scan# 1943  
 Delta R.T. 0.000 min  
 Lab File: VN066057.D  
 Acq: 26 Feb 2021 17:30

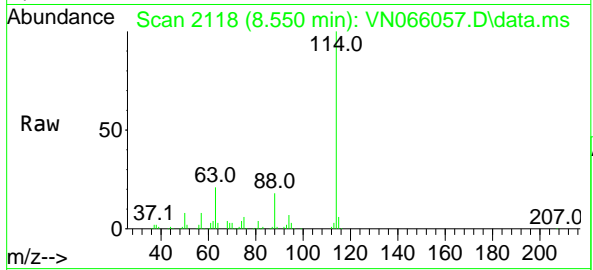
Tgt Ion: 65 Resp: 77142  
 Ion Ratio Lower Upper  
 65 100  
 67 50.1 0.0 107.2





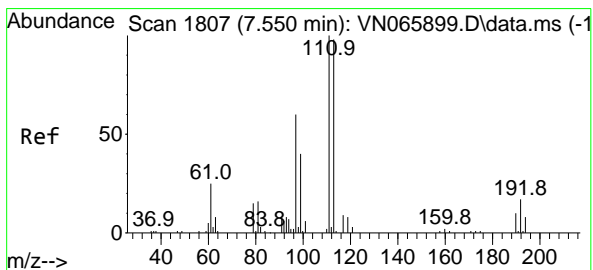
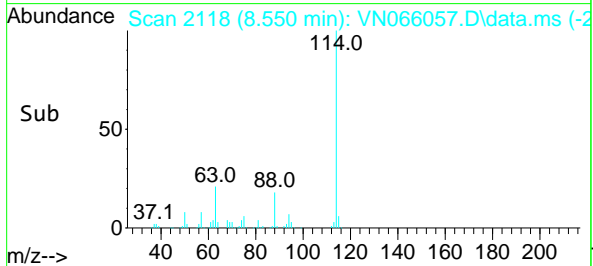
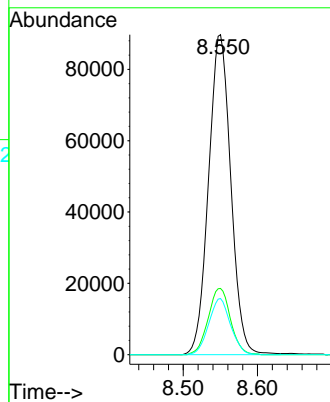
#34  
 1,4-Difluorobenzene  
 Concen: 50.00 ug/l  
 RT: 8.550 min Scan# 2118  
 Delta R.T. 0.000 min  
 Lab File: VN066057.D  
 Acq: 26 Feb 2021 17:30

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Tgt Ion:114 Resp: 186606

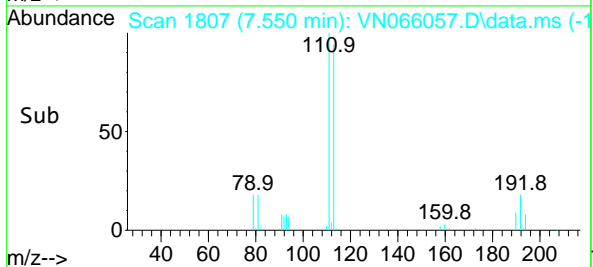
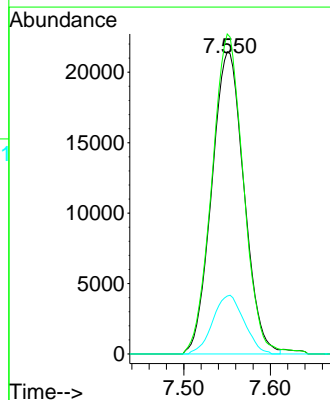
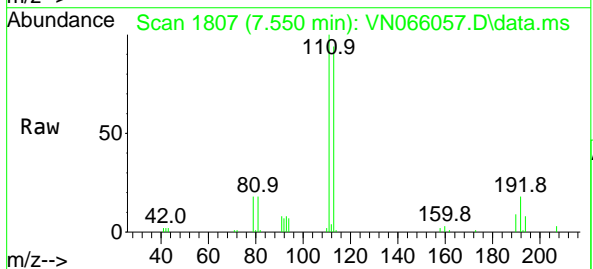
Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	38.6
88	17.6	0.0	30.6

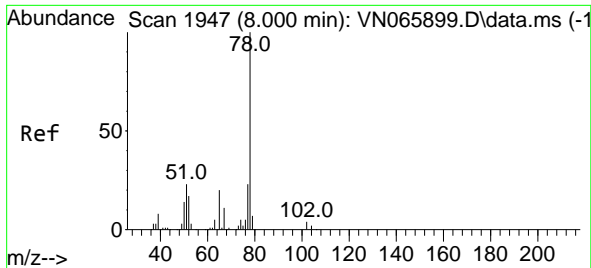


#35  
 Dibromofluoromethane  
 Concen: 47.90 ug/l  
 RT: 7.550 min Scan# 1807  
 Delta R.T. 0.000 min  
 Lab File: VN066057.D  
 Acq: 26 Feb 2021 17:30

Tgt Ion:113 Resp: 55317

Ion	Ratio	Lower	Upper
113	100		
111	103.9	82.2	123.2
192	18.9	15.4	23.0

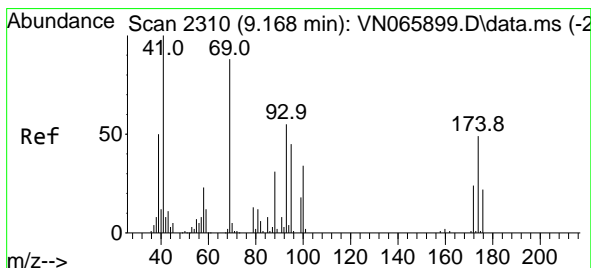
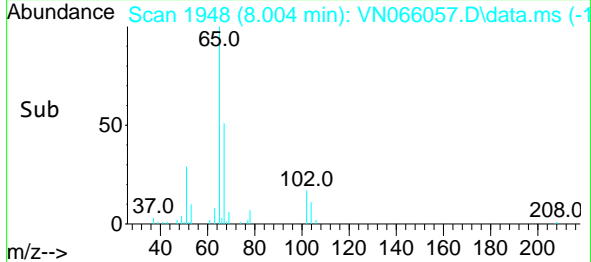
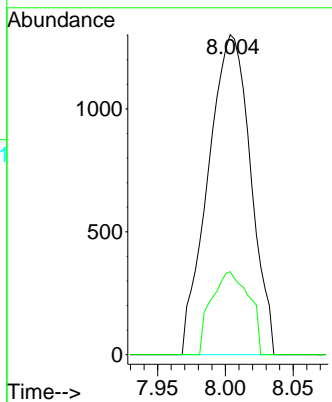
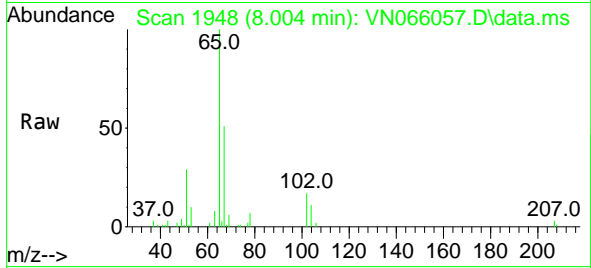




#40  
Benzene  
Concen: 0.50 ug/l  
RT: 8.004 min Scan# 1948  
Delta R.T. 0.004 min  
Lab File: VN066057.D  
Acq: 26 Feb 2021 17:30

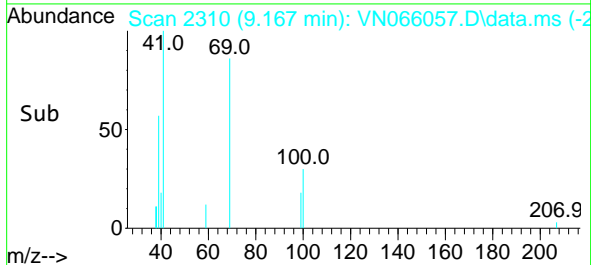
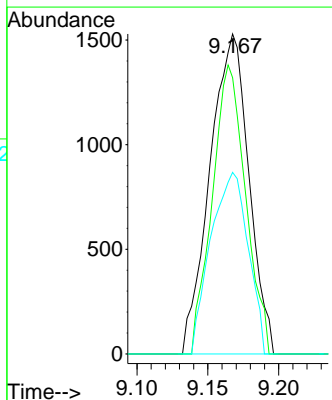
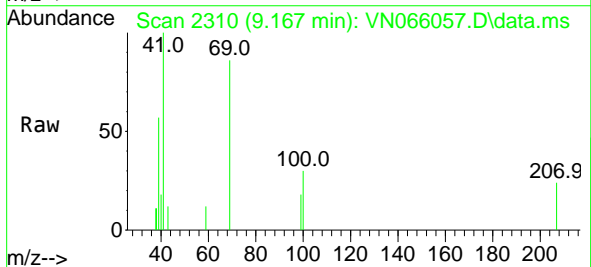
Instrument :  
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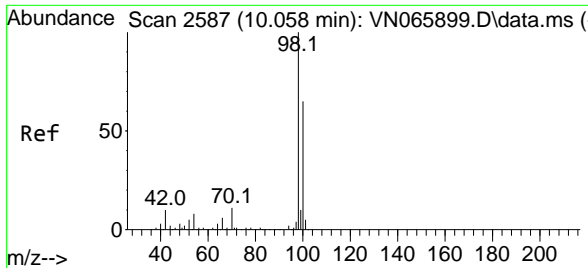
Tgt Ion: 78 Resp: 2842  
Ion Ratio Lower Upper  
78 100  
77 26.0 19.0 28.4



#48  
Methyl methacrylate  
Concen: 2.18 ug/l  
RT: 9.167 min Scan# 2310  
Delta R.T. -0.001 min  
Lab File: VN066057.D  
Acq: 26 Feb 2021 17:30

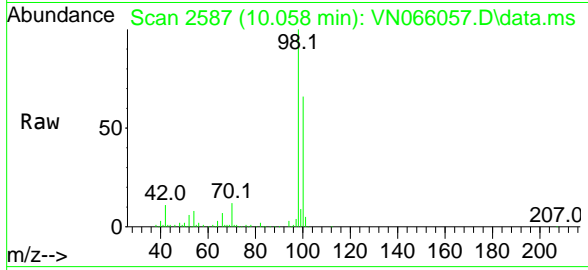
Tgt Ion: 41 Resp: 2925  
Ion Ratio Lower Upper  
41 100  
69 77.2 75.9 113.9  
39 54.4 46.6 69.8



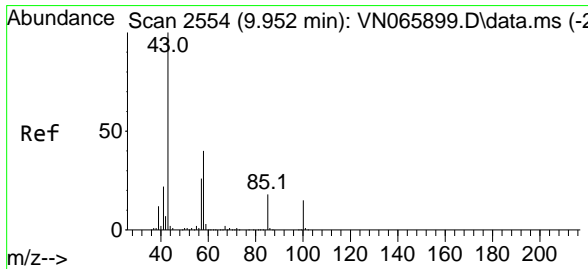
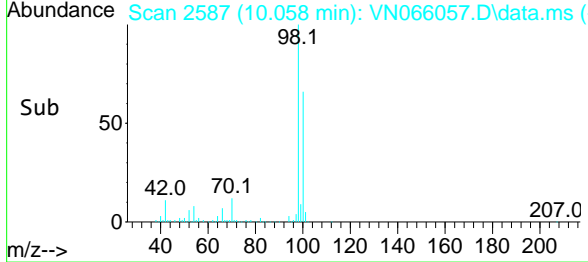
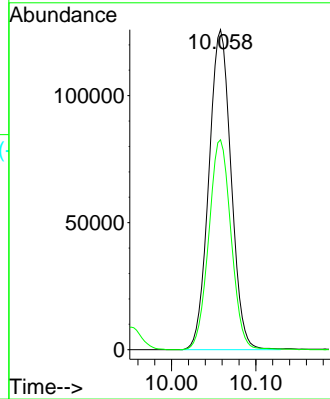


#50  
 Toluene-d8  
 Concen: 48.75 ug/l  
 RT: 10.058 min Scan# 2587  
 Delta R.T. 0.000 min  
 Lab File: VN066057.D  
 Acq: 26 Feb 2021 17:30

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 ClientSampled :  
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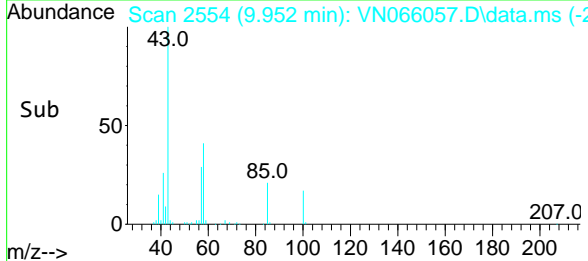
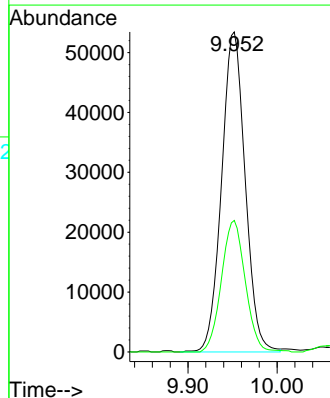
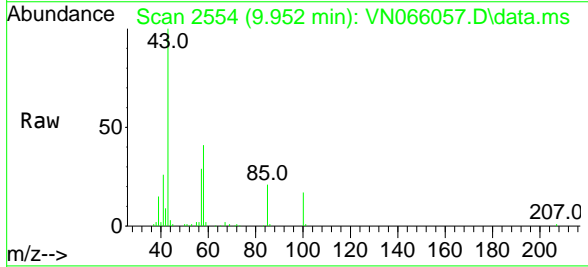


Tgt Ion: 98 Resp: 231106  
 Ion Ratio Lower Upper  
 98 100  
 100 65.9 50.5 75.7

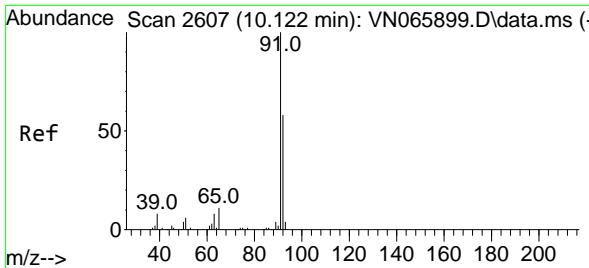


#51  
 4-Methyl-2-Pentanone  
 Concen: 61.00 ug/l  
 RT: 9.952 min Scan# 2554  
 Delta R.T. -0.000 min  
 Lab File: VN066057.D  
 Acq: 26 Feb 2021 17:30

Tgt Ion: 43 Resp: 98284  
 Ion Ratio Lower Upper  
 43 100  
 58 41.6 32.5 48.7

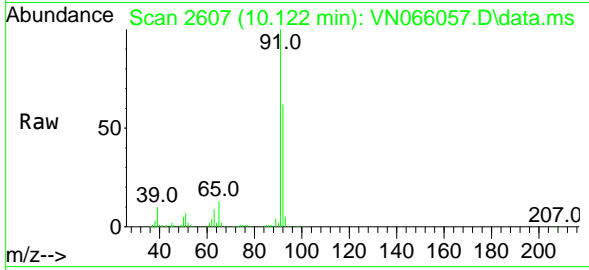




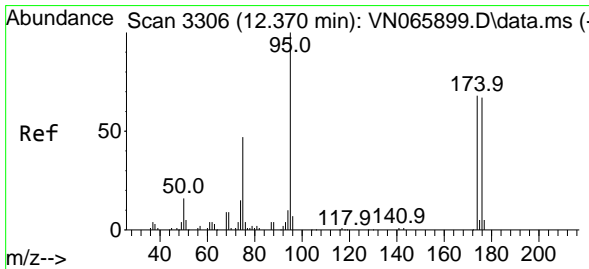
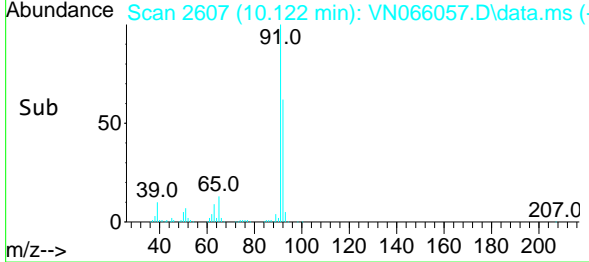
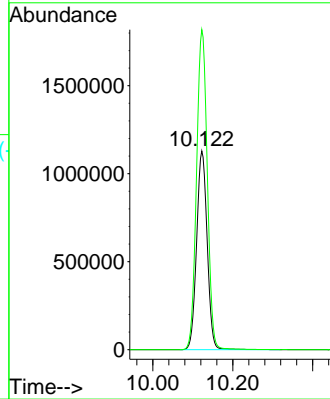


#52  
 Toluene  
 Concen: 597.30 ug/l  
 RT: 10.122 min Scan# 2607  
 Delta R.T. 0.000 min  
 Lab File: VN066057.D  
 Acq: 26 Feb 2021 17:30

Instrument :  
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 ClientSampled :  
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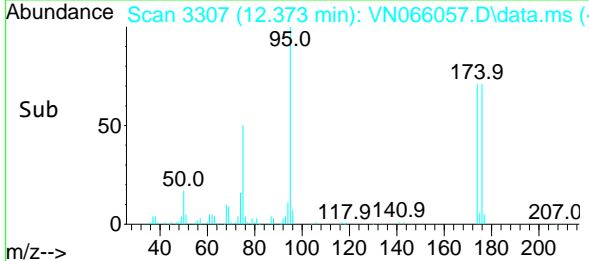
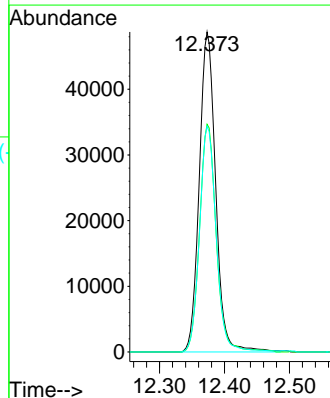
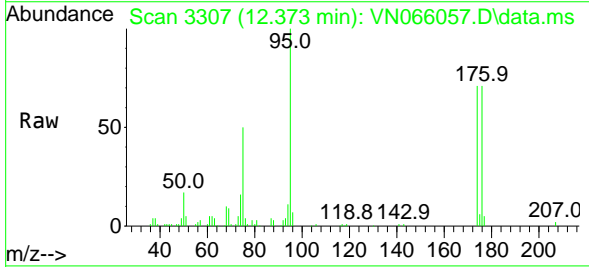


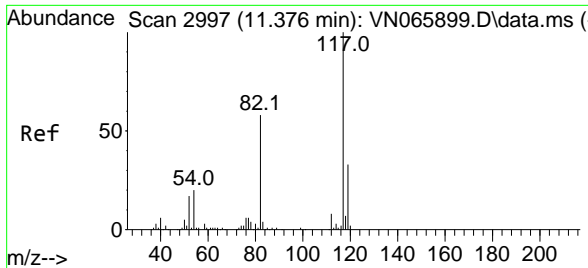
Tgt Ion: 92 Resp: 2070859  
 Ion Ratio Lower Upper  
 92 100  
 91 164.4 140.7 211.1



#62  
 4-Bromofluorobenzene  
 Concen: 48.23 ug/l  
 RT: 12.373 min Scan# 3307  
 Delta R.T. 0.003 min  
 Lab File: VN066057.D  
 Acq: 26 Feb 2021 17:30

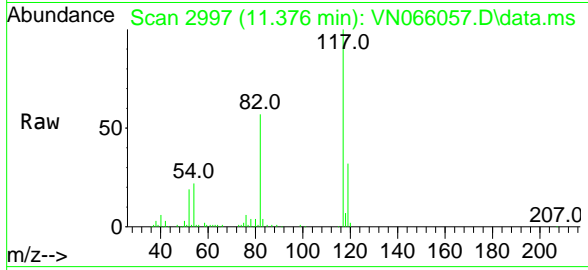
Tgt Ion: 95 Resp: 85837  
 Ion Ratio Lower Upper  
 95 100  
 174 72.2 0.0 169.0  
 176 71.5 0.0 162.4





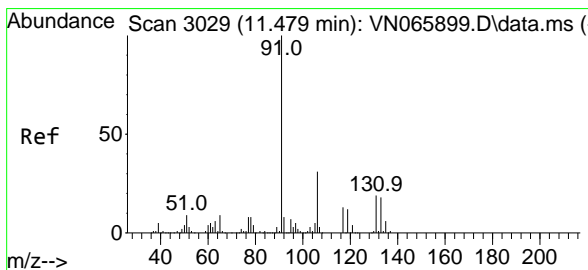
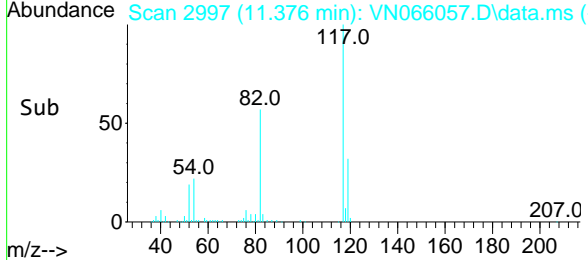
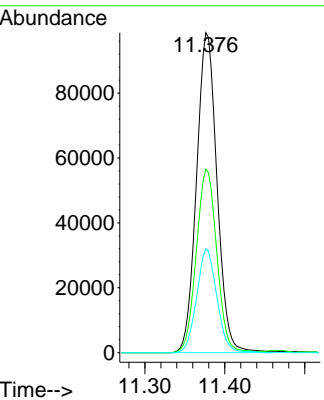
#63  
 Chlorobenzene-d5  
 Concen: 50.00 ug/l  
 RT: 11.376 min Scan# 2997  
 Delta R.T. 0.000 min  
 Lab File: VN066057.D  
 Acq: 26 Feb 2021 17:30

**Instrument :**  
 MSVOA\_N  
**ClientSampled :**  
 41697

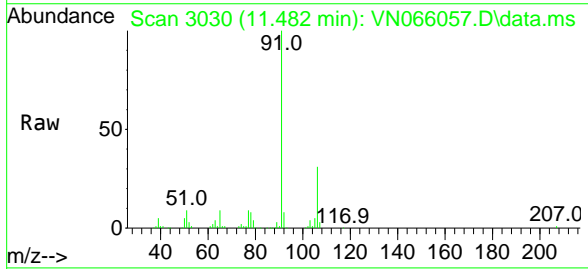


Tgt Ion:117 Resp: 175885

Ion	Ratio	Lower	Upper
117	100		
82	57.3	43.7	65.5
119	32.5	26.1	39.1

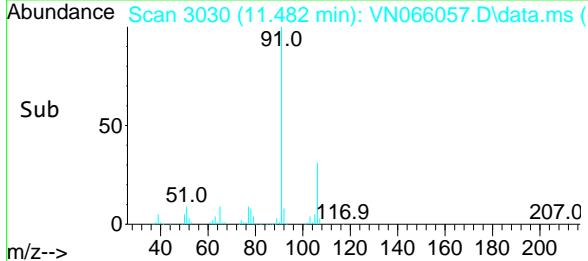
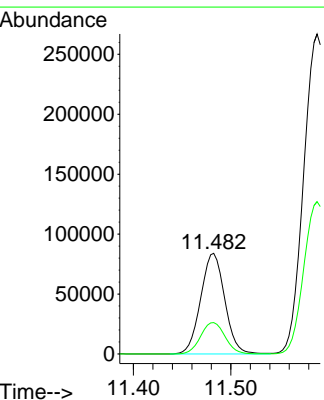


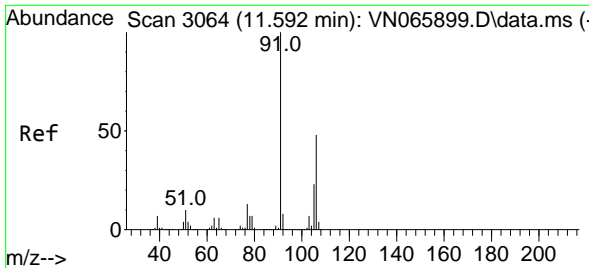
#67  
 Ethyl Benzene  
 Concen: 21.70 ug/l  
 RT: 11.482 min Scan# 3030  
 Delta R.T. 0.003 min  
 Lab File: VN066057.D  
 Acq: 26 Feb 2021 17:30



Tgt Ion: 91 Resp: 144444

Ion	Ratio	Lower	Upper
91	100		
106	31.2	25.5	38.3

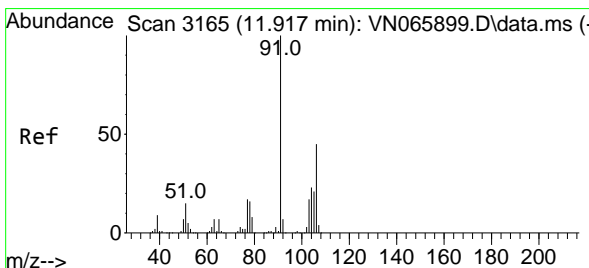
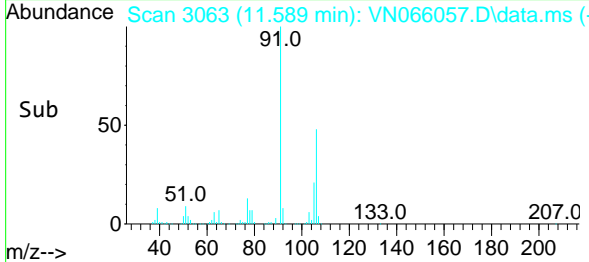
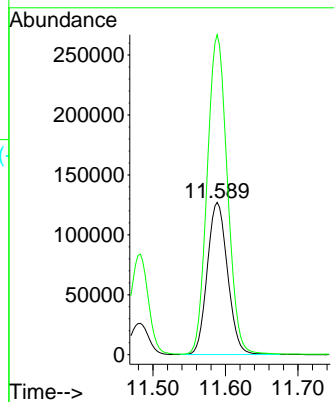
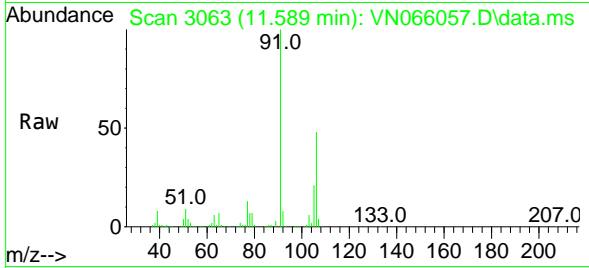




#68  
 m/p-Xylenes  
 Concen: 99.25 ug/l  
 RT: 11.589 min Scan# 3063  
 Delta R.T. -0.003 min  
 Lab File: VN066057.D  
 Acq: 26 Feb 2021 17:30

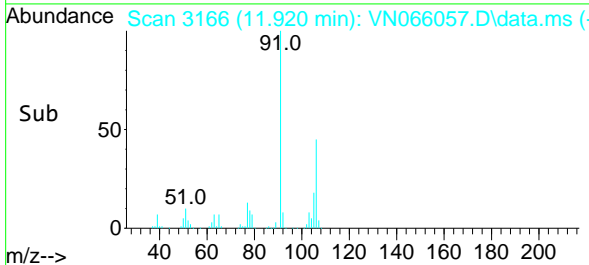
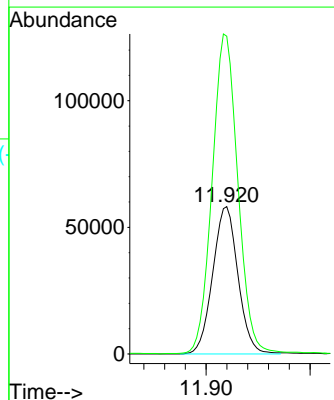
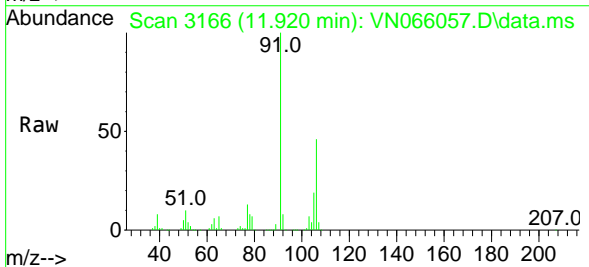
**Instrument :**  
 MSVOA\_N  
**ClientSampled :**  
 41697

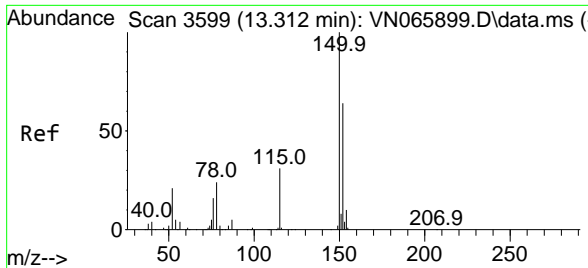
Tgt Ion:106 Resp: 246556  
 Ion Ratio Lower Upper  
 106 100  
 91 209.2 161.4 242.0



#69  
 o-Xylene  
 Concen: 40.99 ug/l  
 RT: 11.920 min Scan# 3166  
 Delta R.T. 0.003 min  
 Lab File: VN066057.D  
 Acq: 26 Feb 2021 17:30

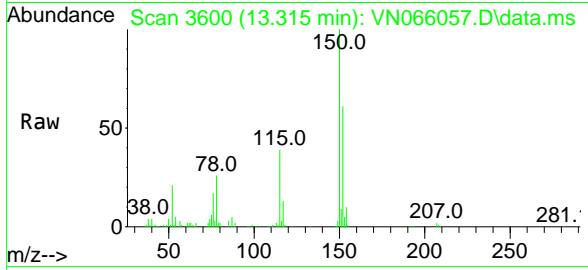
Tgt Ion:106 Resp: 98183  
 Ion Ratio Lower Upper  
 106 100  
 91 222.2 106.8 320.4





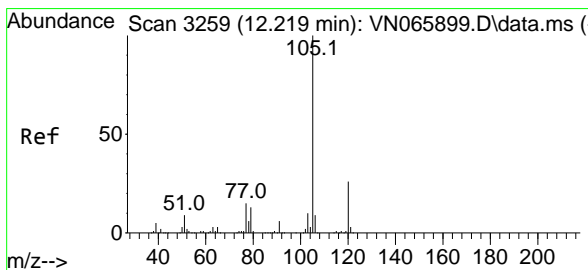
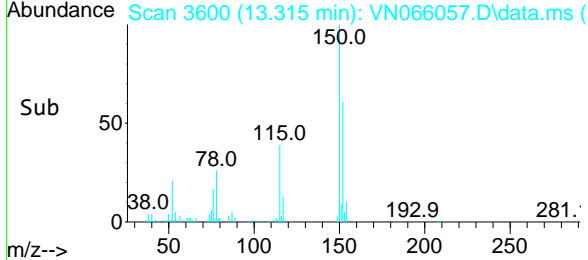
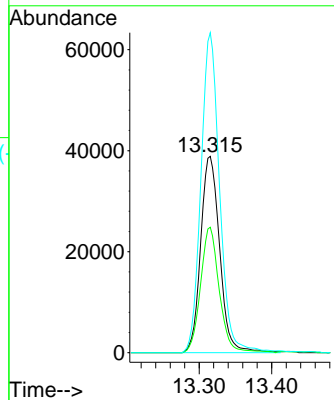
#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.00 ug/l  
 RT: 13.315 min Scan# 3600  
 Delta R.T. 0.003 min  
 Lab File: VN066057.D  
 Acq: 26 Feb 2021 17:30

**Instrument :**  
 MSVOA\_N  
**ClientSampled :**  
 41697

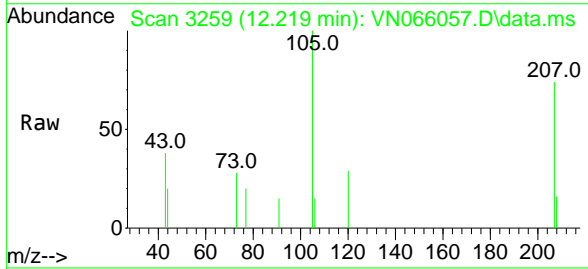


Tgt Ion:152 Resp: 70912

Ion	Ratio	Lower	Upper
152	100		
115	62.8	28.5	85.6
150	159.6	0.0	347.6

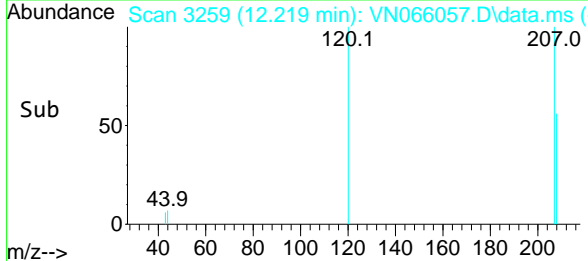
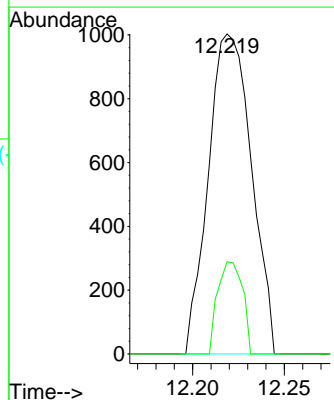


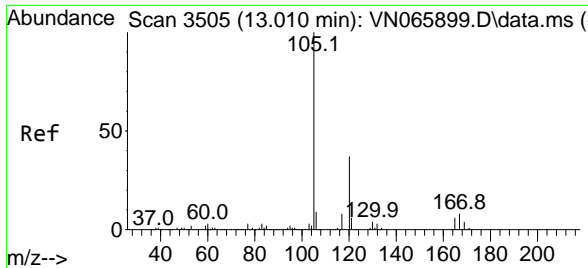
#73  
 Isopropylbenzene  
 Concen: 0.28 ug/l  
 RT: 12.219 min Scan# 3259  
 Delta R.T. -0.000 min  
 Lab File: VN066057.D  
 Acq: 26 Feb 2021 17:30



Tgt Ion:105 Resp: 1642

Ion	Ratio	Lower	Upper
105	100		
120	16.6	13.3	39.9





#84  
 1,2,4-Trimethylbenzene  
 Concen: 0.35 ug/l  
 RT: 13.013 min Scan# 3506  
 Delta R.T. 0.003 min  
 Lab File: VN066057.D  
 Acq: 26 Feb 2021 17:30

Instrument :  
 MSVOA\_N  
 ClientSampled :  
 41697

Tgt Ion:105 Resp: 1723  
 Ion Ratio Lower Upper  
 105 100  
 120 52.5 22.4 67.0

