

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022621\
 Data File : VN066056.D
 Acq On : 26 Feb 2021 17:06
 Operator : JC/MD
 Sample : M1488-05 20X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 41698

Quant Time: Feb 26 23:35:24 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)

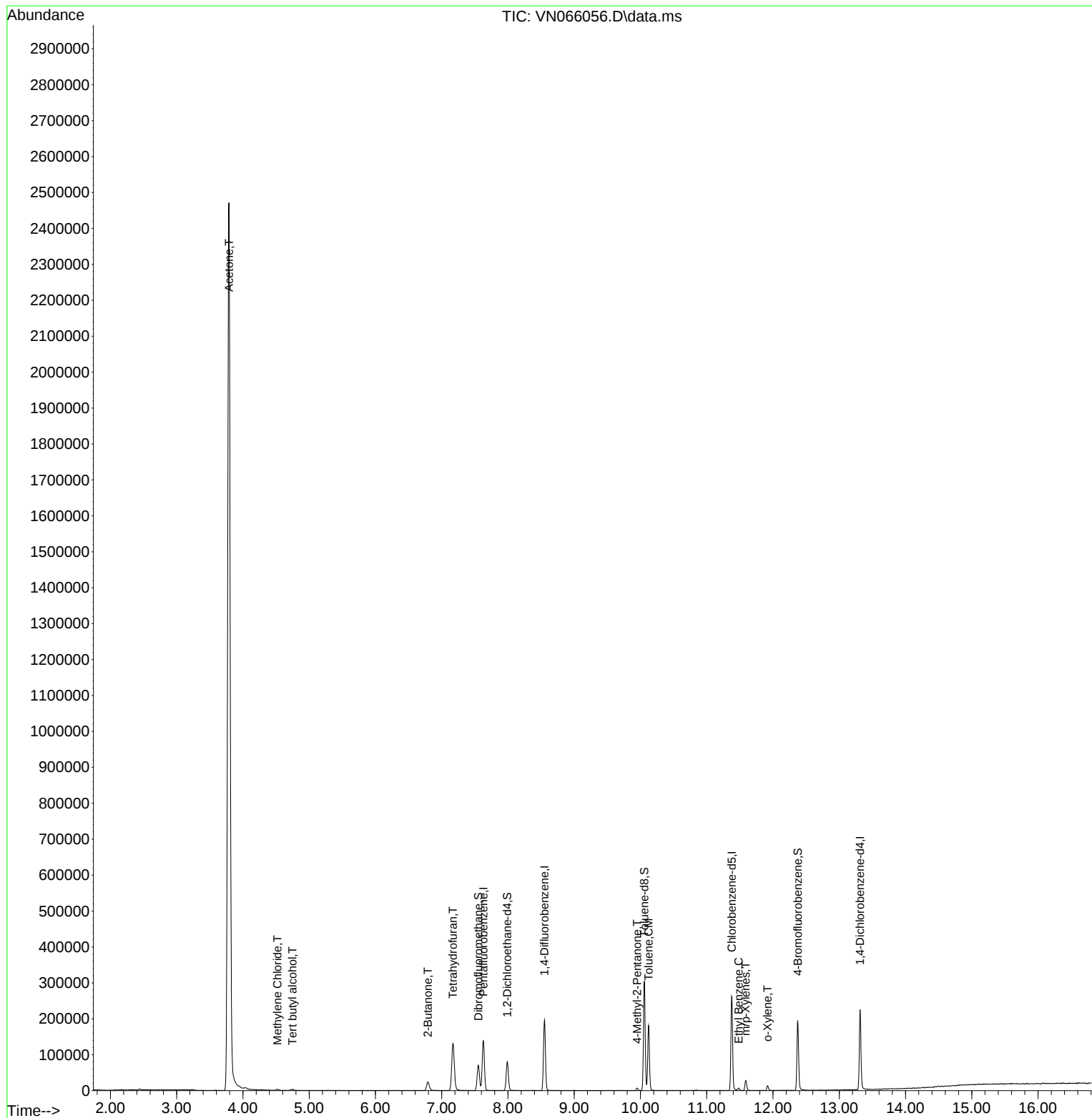
Internal Standards						
1) Pentafluorobenzene	7.627	168	110162	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	177907	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	160127	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	64047	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.991	65	74766	48.53	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	97.06%		
35) Dibromofluoromethane	7.553	113	54770	49.74	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	99.48%		
50) Toluene-d8	10.058	98	215840	47.76	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	95.52%		
62) 4-Bromofluorobenzene	12.373	95	78121	46.04	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	92.08%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.750	59	6139	28.66	ug/l #	83
16) Acetone	3.788	43	4249462	8836.28	ug/l	96
20) Methylene Chloride	4.521	84	2235	1.56	ug/l #	90
25) 2-Butanone	6.791	43	42758	56.07	ug/l	98
29) Tetrahydrofuran	7.171	42	108531	206.73	ug/l	94
51) 4-Methyl-2-Pentanone	9.949	43	4795	3.12	ug/l	98
52) Toluene	10.122	92	80815	24.45	ug/l	95
67) Ethyl Benzene	11.482	91	5680	0.94	ug/l	96
68) m/p-Xylenes	11.588	106	9009	3.98	ug/l	91
69) o-Xylene	11.920	106	3699	1.70	ug/l	83

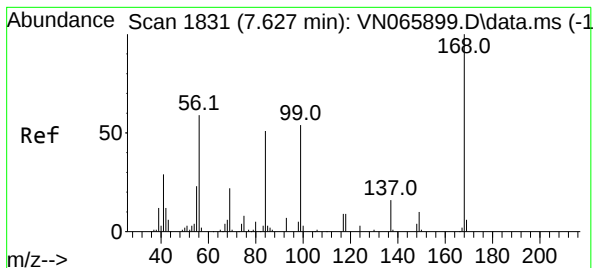
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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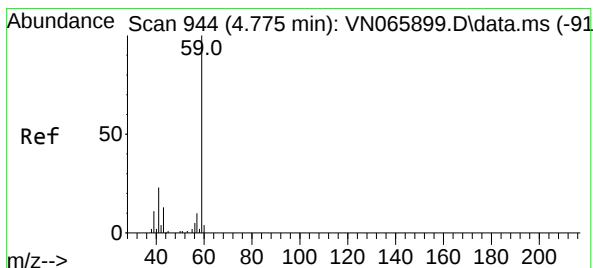
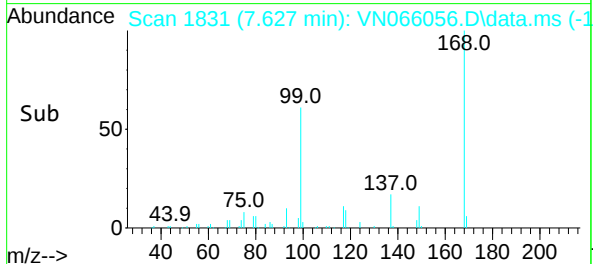
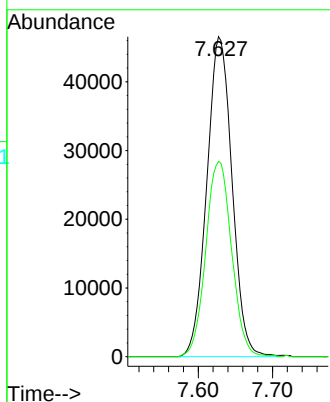
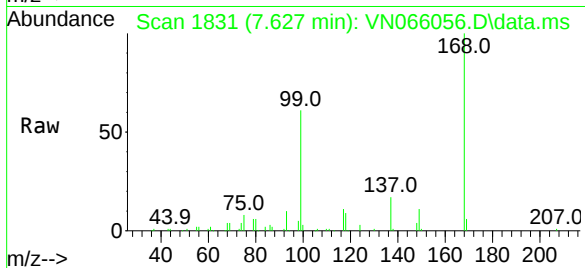




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.000 min
Lab File: VN066056.D
Acq: 26 Feb 2021 17:06

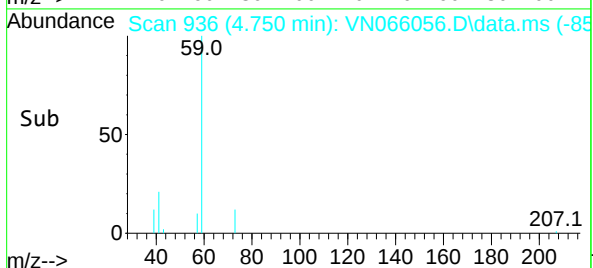
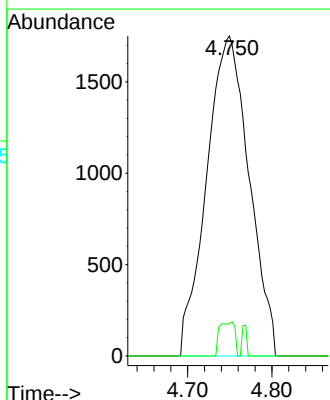
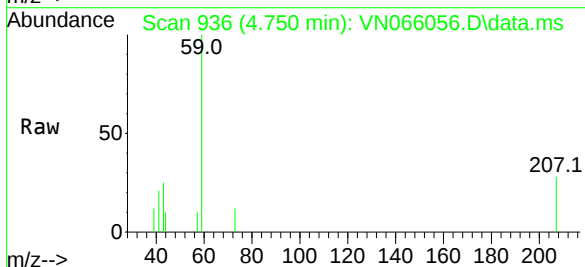
Instrument :
MSVOA_N
ClientSampled :
41698

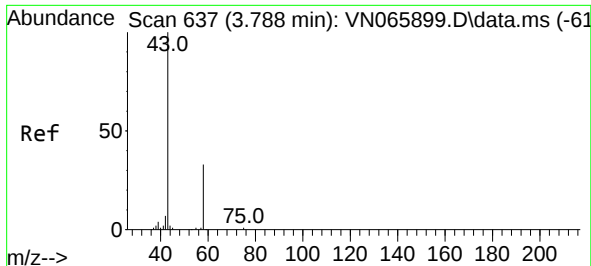
Tgt Ion:168 Resp: 110162
Ion Ratio Lower Upper
168 100
99 61.0 42.6 63.8



#11
Tert butyl alcohol
Concen: 28.66 ug/l
RT: 4.750 min Scan# 936
Delta R.T. -0.026 min
Lab File: VN066056.D
Acq: 26 Feb 2021 17:06

Tgt Ion: 59 Resp: 6139
Ion Ratio Lower Upper
59 100
57 3.8 8.0 12.0#

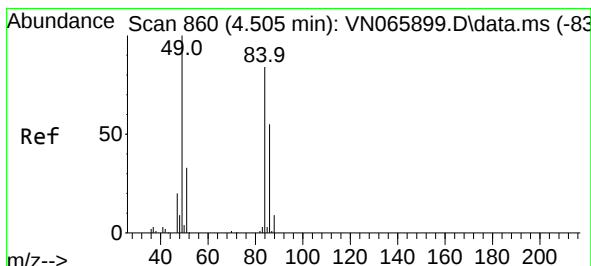
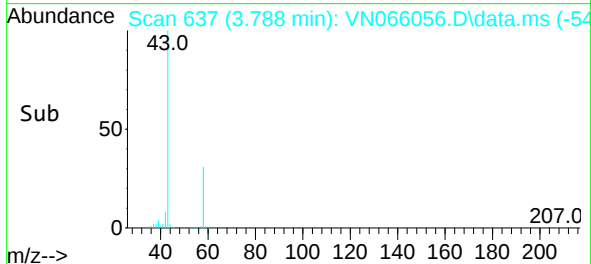
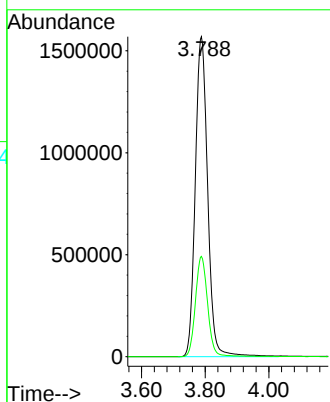
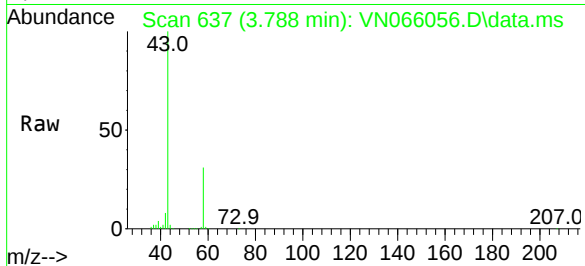




#16
Acetone
Concen: 8836.28 ug/l
RT: 3.788 min Scan# 637
Delta R.T. 0.000 min
Lab File: VN066056.D
Acq: 26 Feb 2021 17:06

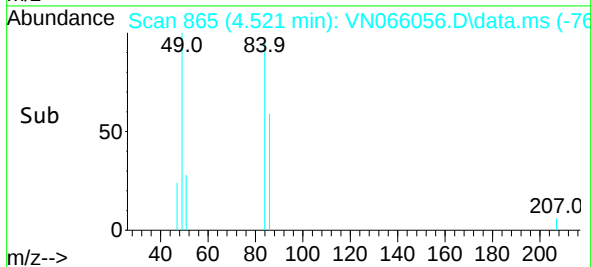
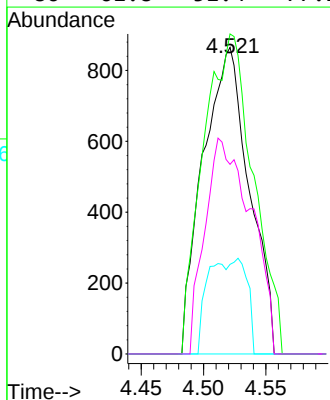
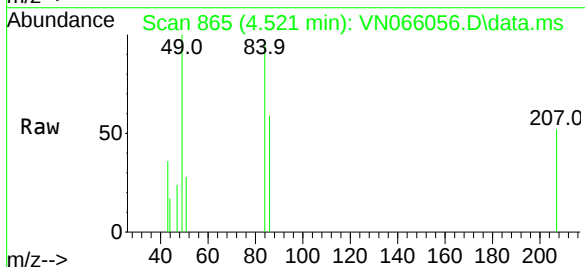
Instrument :
MSVOA_N
ClientSampled :
41698

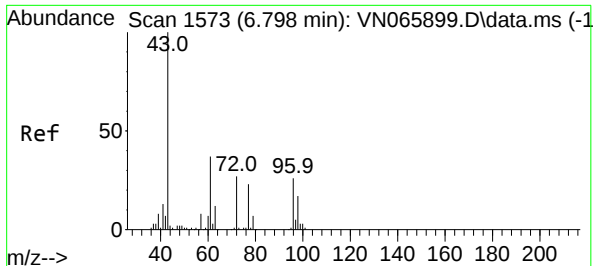
Tgt Ion: 43 Resp: 4249462
Ion Ratio Lower Upper
43 100
58 31.3 27.0 40.6



#20
Methylene Chloride
Concen: 1.56 ug/l
RT: 4.521 min Scan# 865
Delta R.T. 0.016 min
Lab File: VN066056.D
Acq: 26 Feb 2021 17:06

Tgt Ion: 84 Resp: 2235
Ion Ratio Lower Upper
84 100
49 104.4 94.6 141.8
51 29.2 29.9 44.9#
86 61.8 51.4 77.2

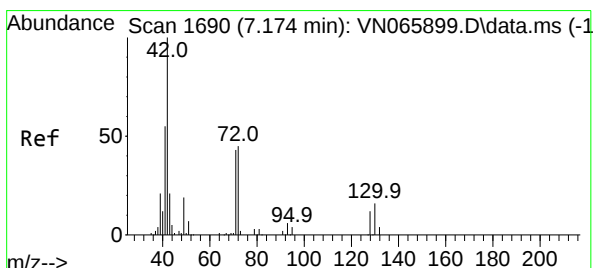
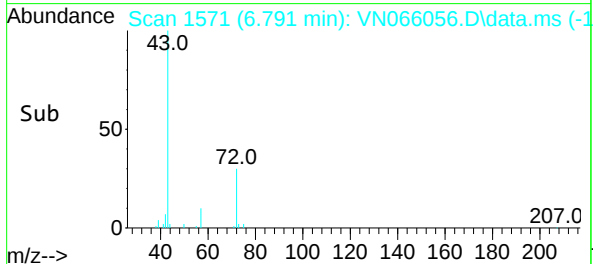
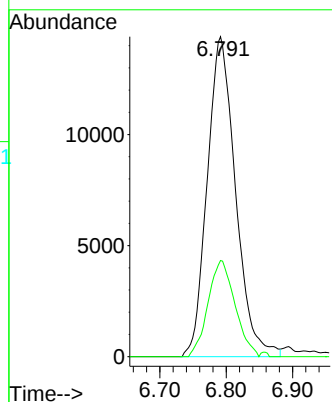
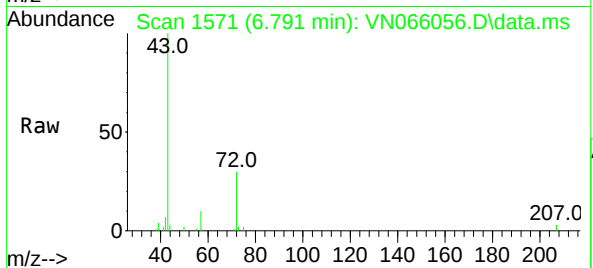




#25
2-Butanone
Concen: 56.07 ug/l
RT: 6.791 min Scan# 1571
Delta R.T. -0.007 min
Lab File: VN066056.D
Acq: 26 Feb 2021 17:06

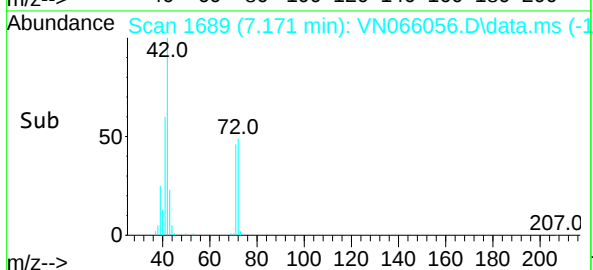
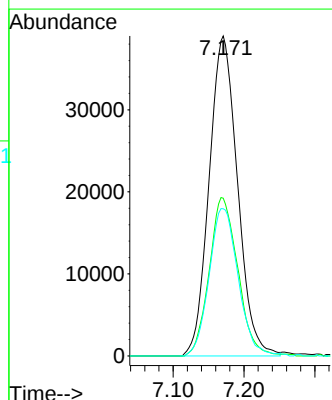
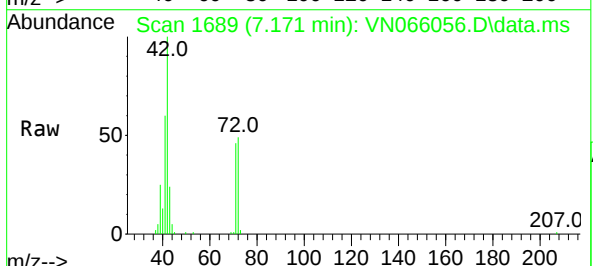
Instrument :
MSVOA_N
ClientSampled :
41698

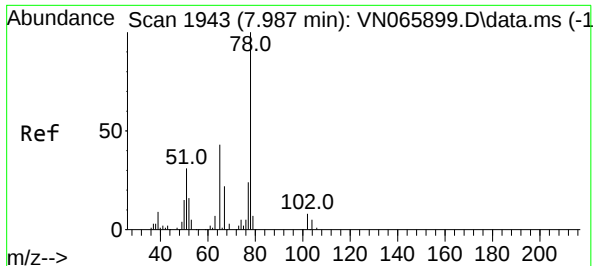
Tgt Ion: 43 Resp: 42758
Ion Ratio Lower Upper
43 100
72 30.1 23.1 34.7



#29
Tetrahydrofuran
Concen: 206.73 ug/l
RT: 7.171 min Scan# 1689
Delta R.T. -0.003 min
Lab File: VN066056.D
Acq: 26 Feb 2021 17:06

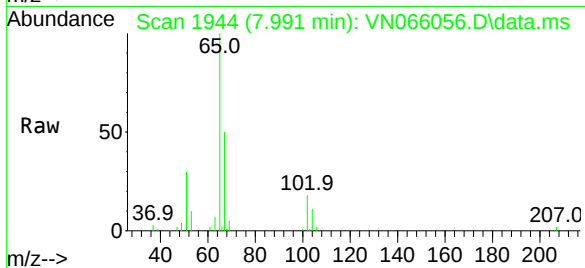
Tgt Ion: 42 Resp: 108531
Ion Ratio Lower Upper
42 100
72 49.9 36.6 55.0
71 47.2 34.3 51.5



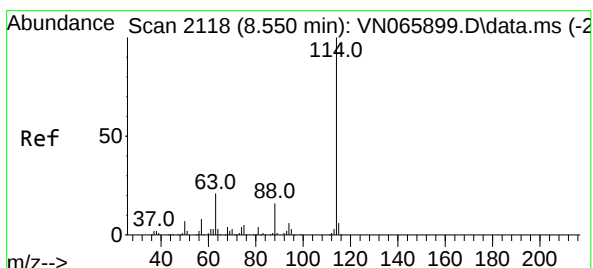
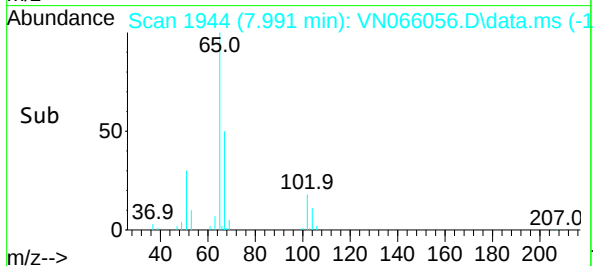
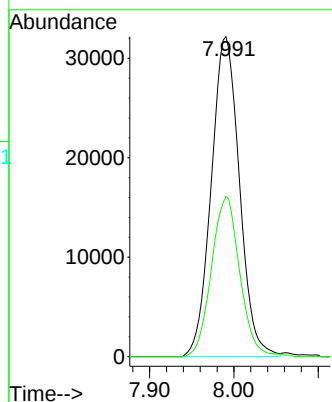


#33
 1,2-Dichloroethane-d4
 Concen: 48.53 ug/l
 RT: 7.991 min Scan# 1944
 Delta R.T. 0.004 min
 Lab File: VN066056.D
 Acq: 26 Feb 2021 17:06

Instrument :
 MSVOA_N
 ClientSampled :
 41698

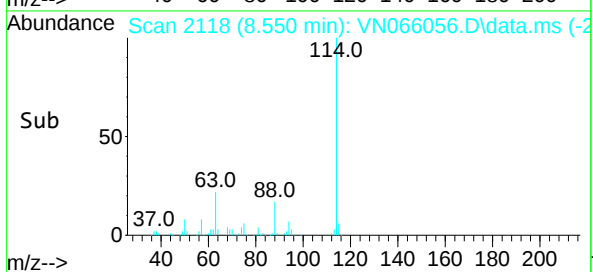
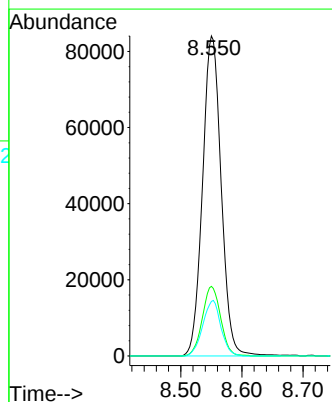
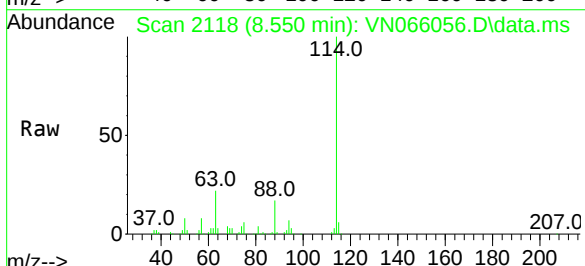


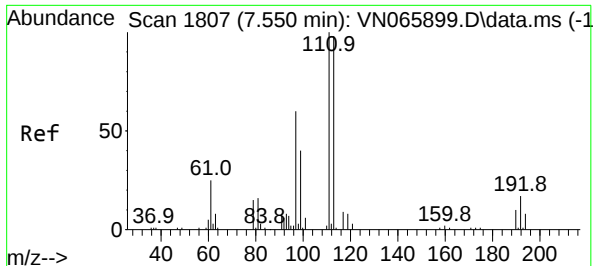
Tgt Ion: 65 Resp: 74766
 Ion Ratio Lower Upper
 65 100
 67 50.2 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.550 min Scan# 2118
 Delta R.T. -0.000 min
 Lab File: VN066056.D
 Acq: 26 Feb 2021 17:06

Tgt Ion: 114 Resp: 177907
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 38.6
 88 17.1 0.0 30.6





#35

Dibromofluoromethane

Concen: 49.74 ug/l

RT: 7.553 min Scan# 1808

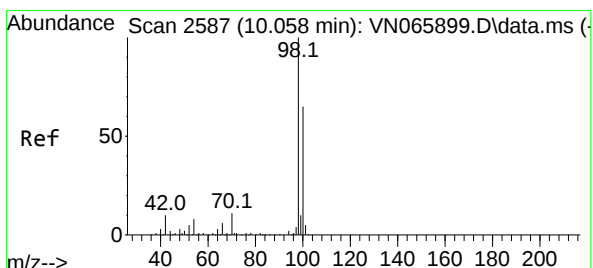
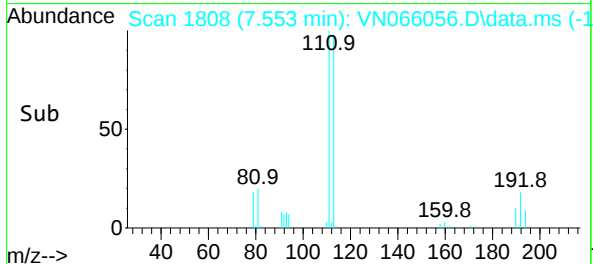
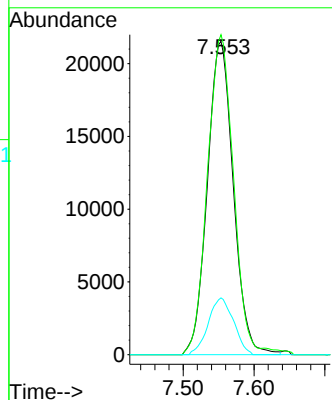
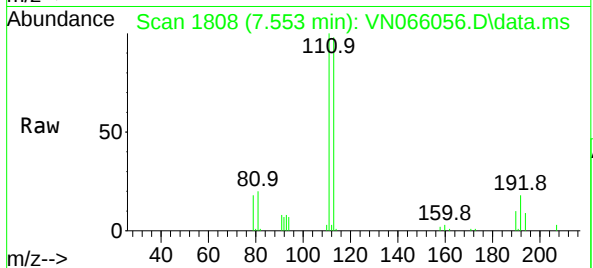
Delta R.T. 0.003 min

Lab File: VN066056.D

Acq: 26 Feb 2021 17:06

Tgt Ion:	113	Resp:	54770
Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.2	123.2
192	17.7	15.4	23.0

Instrument :
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ClientSampled :
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#50

Toluene-d8

Concen: 47.76 ug/l

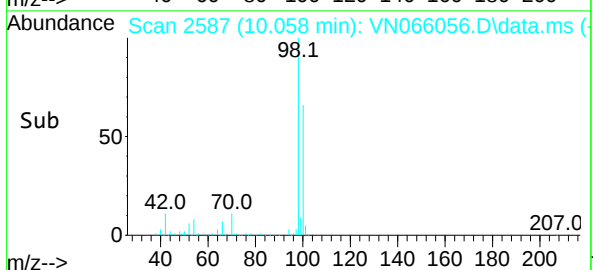
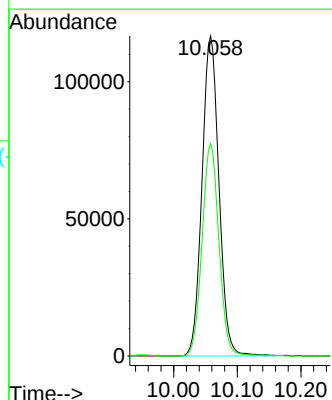
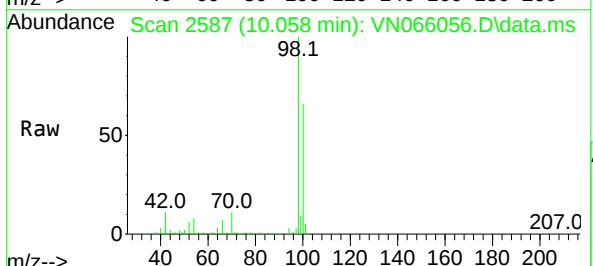
RT: 10.058 min Scan# 2587

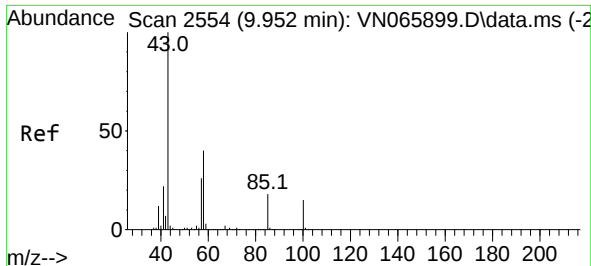
Delta R.T. -0.000 min

Lab File: VN066056.D

Acq: 26 Feb 2021 17:06

Tgt Ion:	98	Resp:	215840
Ion	Ratio	Lower	Upper
98	100		
100	65.8	50.5	75.7

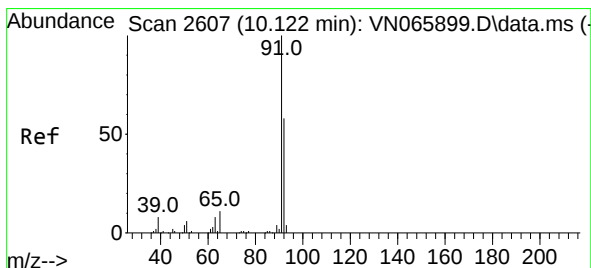
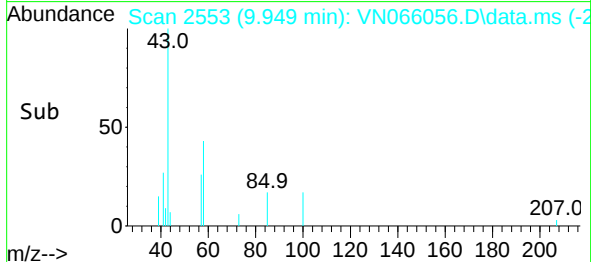
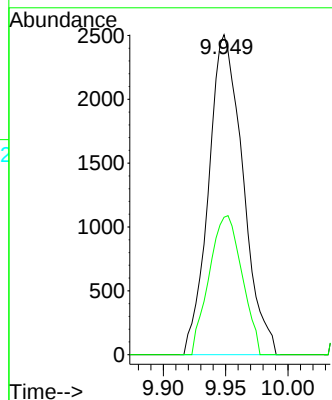
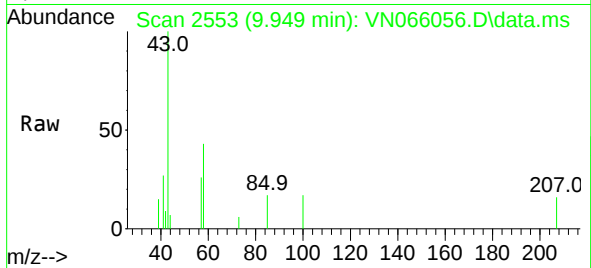




#51
4-Methyl-2-Pentanone
Concen: 3.12 ug/l
RT: 9.949 min Scan# 2553
Delta R.T. -0.003 min
Lab File: VN066056.D
Acq: 26 Feb 2021 17:06

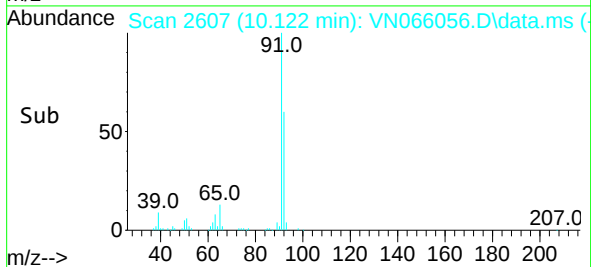
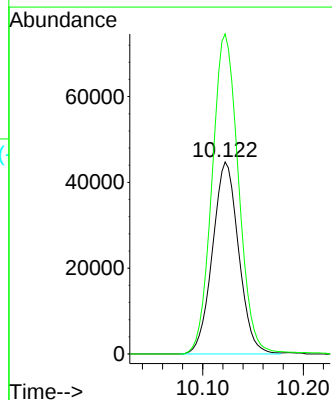
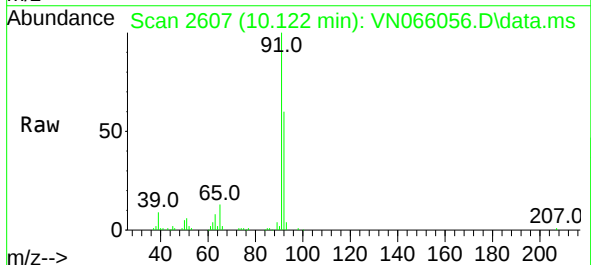
Instrument :
MSVOA_N
ClientSampleId :
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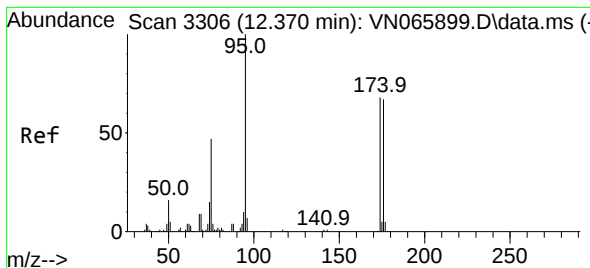
Tgt Ion: 43 Resp: 4795
Ion Ratio Lower Upper
43 100
58 41.6 32.5 48.7



#52
Toluene
Concen: 24.45 ug/l
RT: 10.122 min Scan# 2607
Delta R.T. 0.000 min
Lab File: VN066056.D
Acq: 26 Feb 2021 17:06

Tgt Ion: 92 Resp: 80815
Ion Ratio Lower Upper
92 100
91 169.4 140.7 211.1

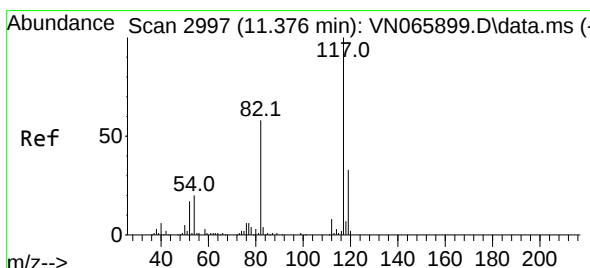
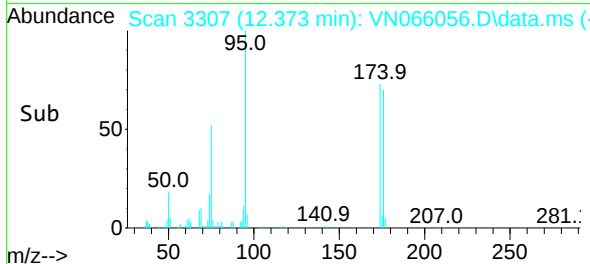
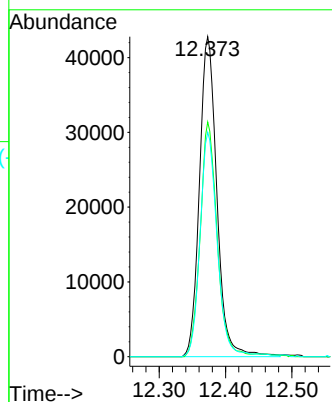
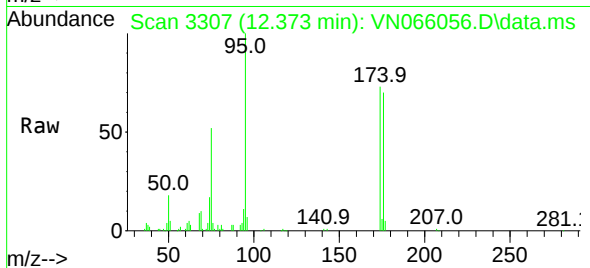




#62
4-Bromofluorobenzene
Concen: 46.04 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.003 min
Lab File: VN066056.D
Acq: 26 Feb 2021 17:06

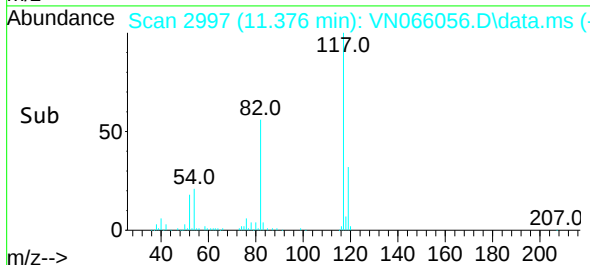
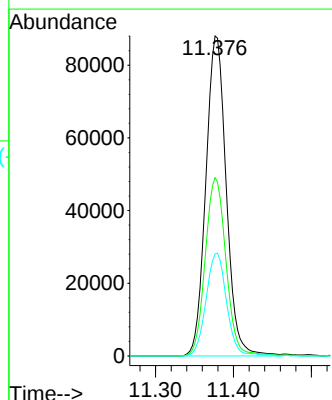
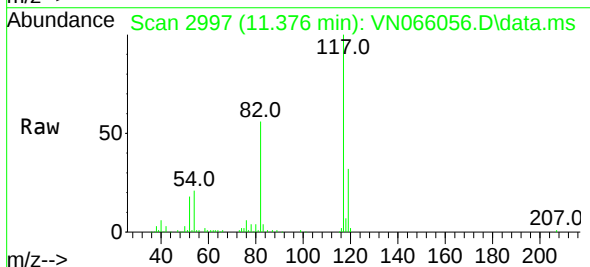
Instrument :
MSVOA_N
ClientSampleId :
41698

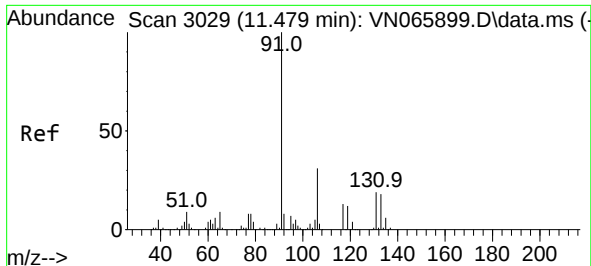
Tgt Ion: 95 Resp: 78121
Ion Ratio Lower Upper
95 100
174 70.7 0.0 169.0
176 68.6 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN066056.D
Acq: 26 Feb 2021 17:06

Tgt Ion: 117 Resp: 160127
Ion Ratio Lower Upper
117 100
82 55.7 43.7 65.5
119 31.9 26.1 39.1

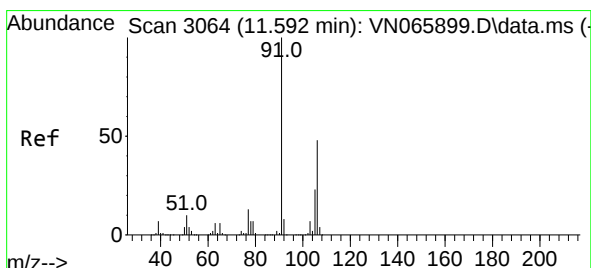
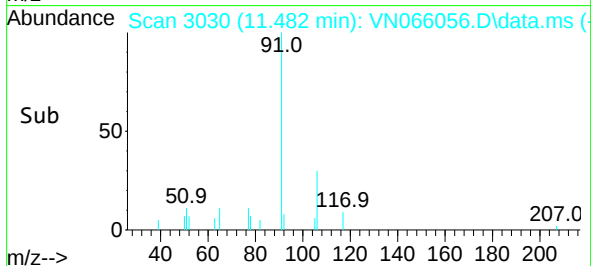
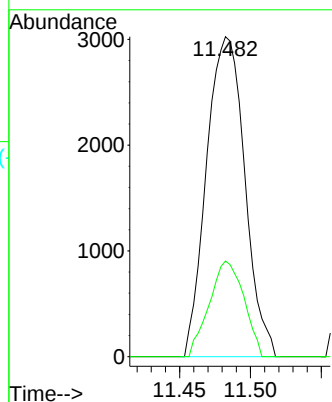
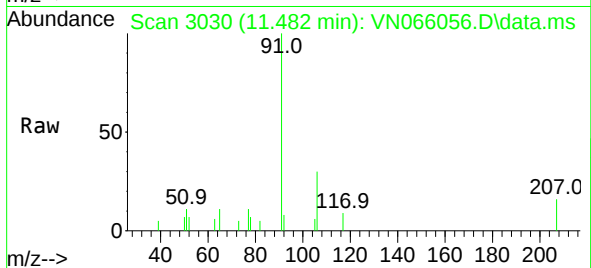




#67
Ethyl Benzene
Concen: 0.94 ug/l
RT: 11.482 min Scan# 3030
Delta R.T. 0.003 min
Lab File: VN066056.D
Acq: 26 Feb 2021 17:06

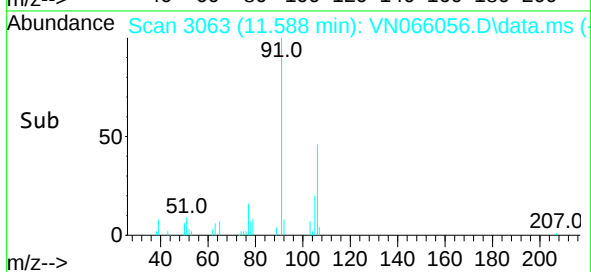
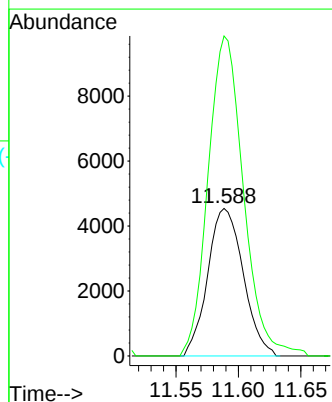
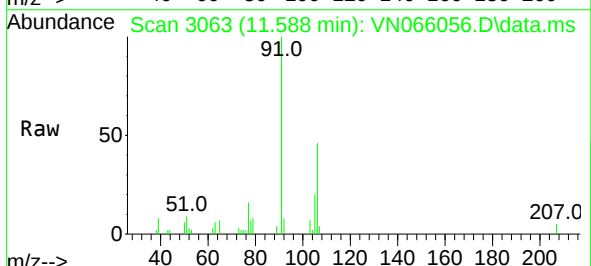
Instrument :
MSVOA_N
ClientSampled :
41698

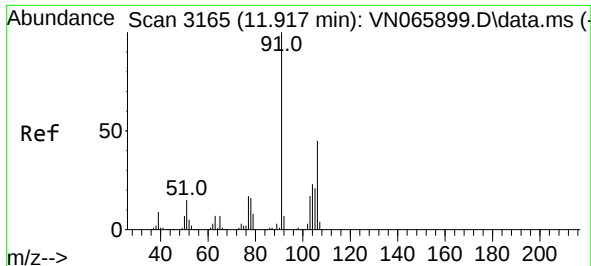
Tgt Ion: 91 Resp: 5680
Ion Ratio Lower Upper
91 100
106 29.9 25.5 38.3



#68
m/p-Xylenes
Concen: 3.98 ug/l
RT: 11.588 min Scan# 3063
Delta R.T. -0.004 min
Lab File: VN066056.D
Acq: 26 Feb 2021 17:06

Tgt Ion:106 Resp: 9009
Ion Ratio Lower Upper
106 100
91 215.9 161.4 242.0

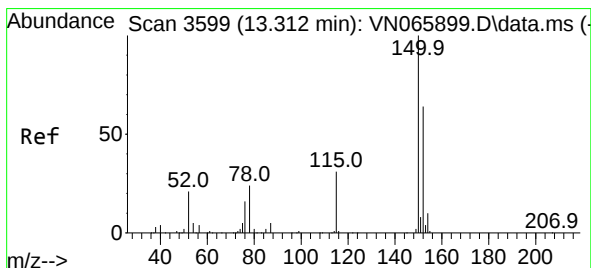
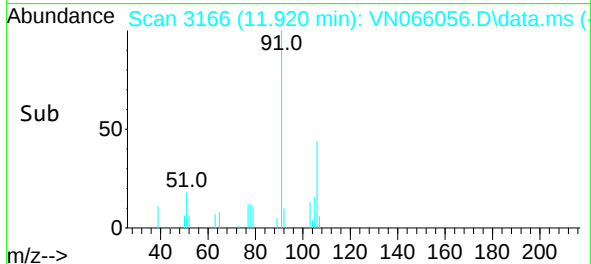
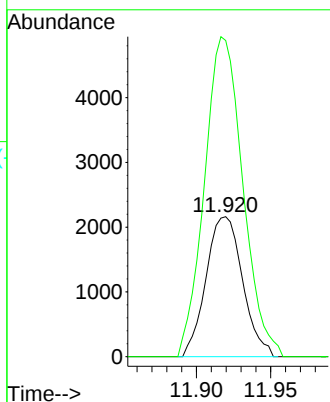
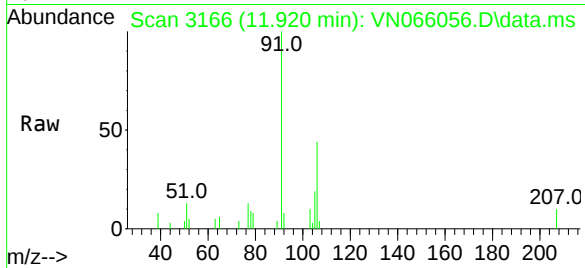




#69
o-Xylene
Concen: 1.70 ug/l
RT: 11.920 min Scan# 3166
Delta R.T. 0.003 min
Lab File: VN066056.D
Acq: 26 Feb 2021 17:06

Instrument :
MSVOA_N
ClientSampled :
41698

Tgt Ion:106 Resp: 3699
Ion Ratio Lower Upper
106 100
91 239.8 106.8 320.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.315 min Scan# 3600
Delta R.T. 0.003 min
Lab File: VN066056.D
Acq: 26 Feb 2021 17:06

Tgt Ion:152 Resp: 64047
Ion Ratio Lower Upper
152 100
115 62.9 28.5 85.6
150 155.7 0.0 347.6

