

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032621\
 Data File : VN066358.D
 Acq On : 26 Mar 2021 18:43
 Operator : JC/MD
 Sample : M1777-07 10X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 243

Manual Integrations
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 3/31/2021 3:39:57 PM

Quant Time: Mar 27 01:50:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032521W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 26 16:26:01 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.584	168	454092	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.515	114	671382	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.350	117	573383	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.289	152	236196	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.949	65	269674	44.67	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	89.34%		
35) Dibromofluoromethane	7.507	113	212047	47.64	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.28%		
50) Toluene-d8	10.028	98	806669	47.78	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.56%		
62) 4-Bromofluorobenzene	12.345	95	247941	42.28	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	84.56%		
Target Compounds						Qvalue
11) Tert butyl alcohol	4.712	59	95746m	104.00	ug/l	
16) Acetone	3.739	43	847311	259.80	ug/l	100
25) 2-Butanone	6.750	43	39303	11.02	ug/l	94
40) Benzene	7.960	78	51113	2.68	ug/l	96
51) 4-Methyl-2-Pentanone	9.926	43	12555	1.81	ug/l	96
52) Toluene	10.092	92	97364	8.33	ug/l	99
67) Ethyl Benzene	11.452	91	9067	0.44	ug/l	95
68) m/p-Xylenes	11.562	106	13599	1.72	ug/l	86
69) o-Xylene	11.892	106	6461	0.85	ug/l	92
80) 1,3,5-Trimethylbenzene	12.680	105	4368	0.30	ug/l	95
84) 1,2,4-Trimethylbenzene	12.989	105	17557	1.26	ug/l	99
95) Naphthalene	15.073	128	34269	3.58	ug/l	96

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

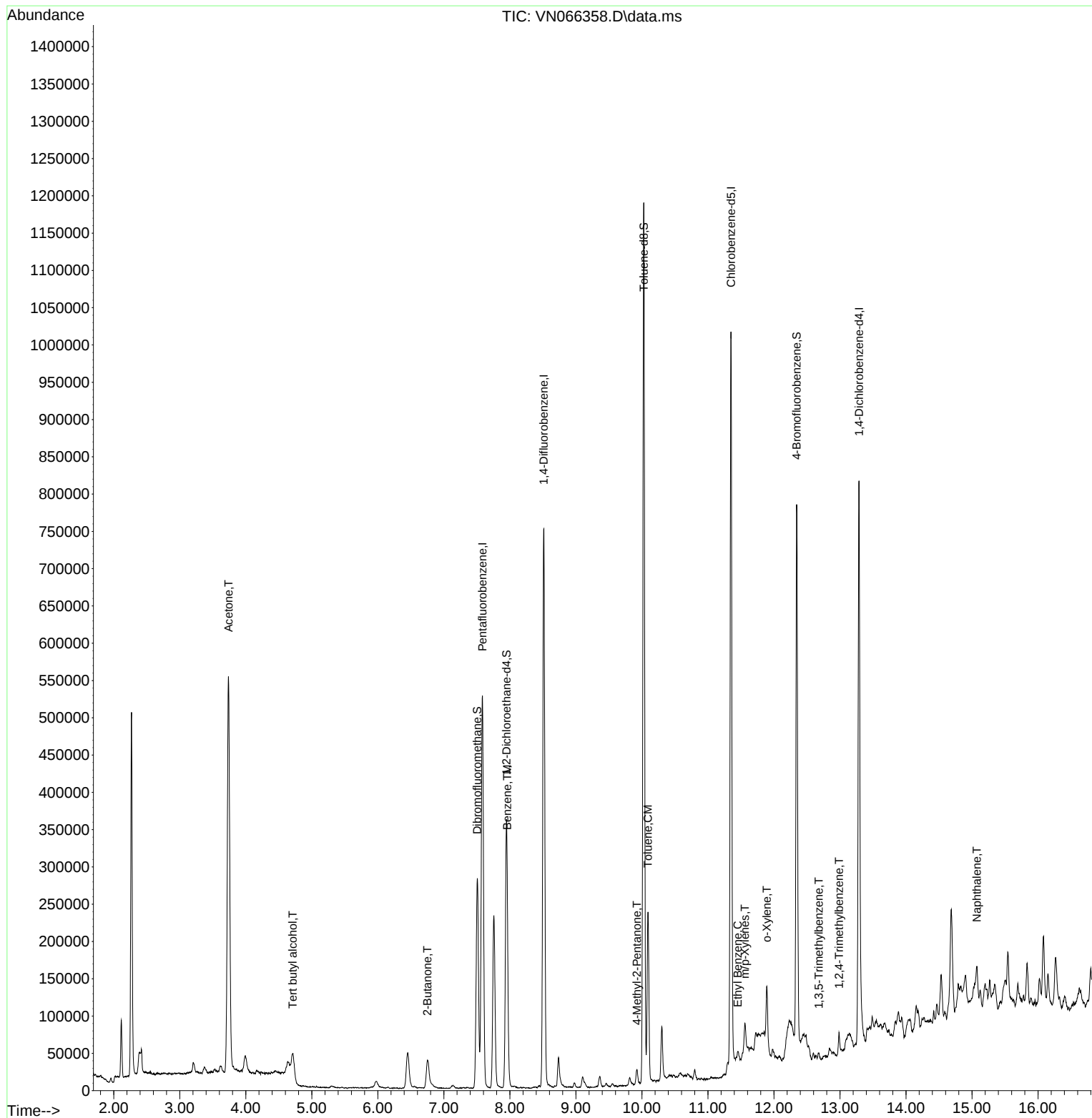
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032621\
Data File : VN066358.D
Acq On : 26 Mar 2021 18:43
Operator : JC/MD
Sample : M1777-07 10X
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 19 Sample Multiplier: 1

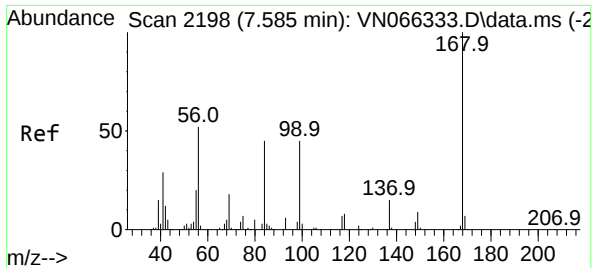
Instrument :
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ClientSampleId :
243

Manual Integrations
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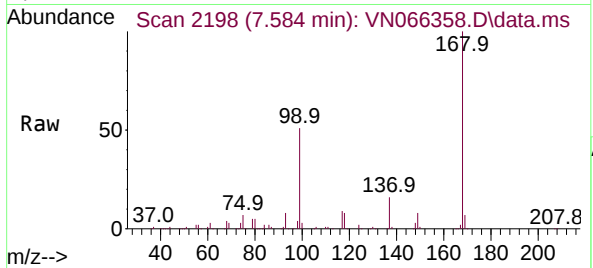
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032521W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 26 16:26:01 2021
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.584 min Scan# 2198
Delta R.T. -0.001 min
Lab File: VN066358.D
Acq: 26 Mar 2021 18:43

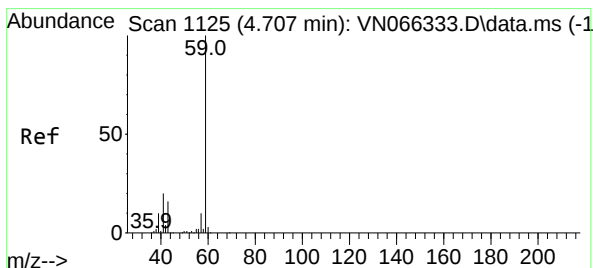
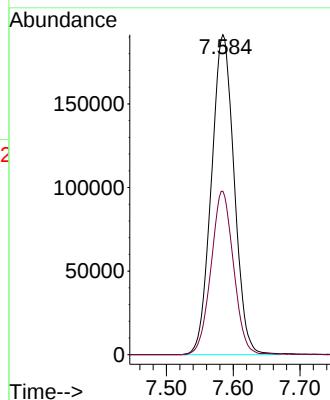
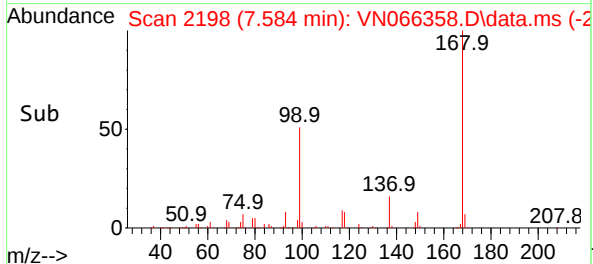
Instrument :
MSVOA_N
ClientSampled :
243



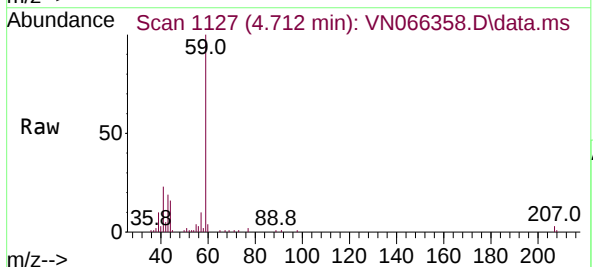
Tgt Ion:168 Resp: 454092
Ion Ratio Lower Upper
168 100
99 51.1 41.1 61.7

Manual Integrations
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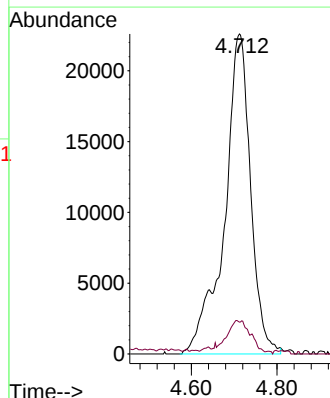
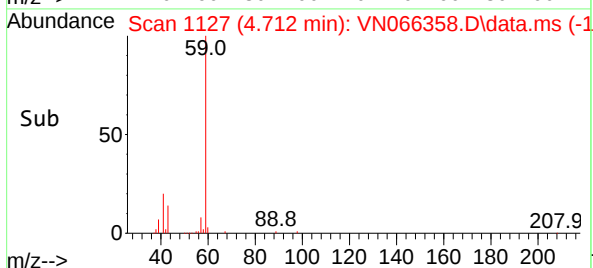
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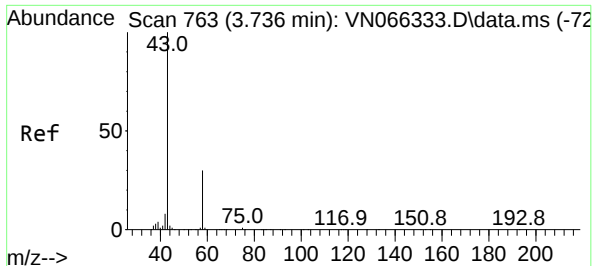


#11
Tert butyl alcohol
Concen: 104.00 ug/l m
RT: 4.712 min Scan# 1127
Delta R.T. 0.005 min
Lab File: VN066358.D
Acq: 26 Mar 2021 18:43



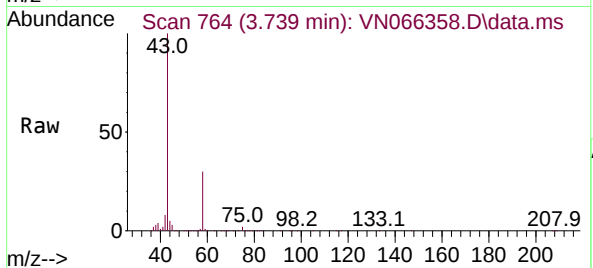
Tgt Ion: 59 Resp: 95746
Ion Ratio Lower Upper
59 100
57 3.2 4.1 6.1#





#16
Acetone
Concen: 259.80 ug/l
RT: 3.739 min Scan# 764
Delta R.T. 0.003 min
Lab File: VN066358.D
Acq: 26 Mar 2021 18:43

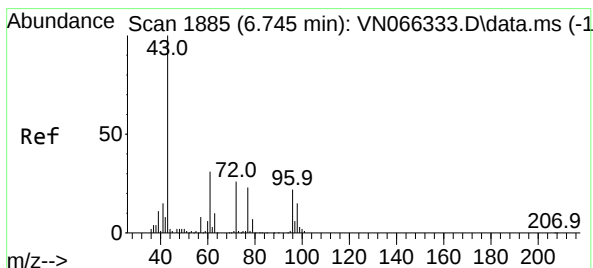
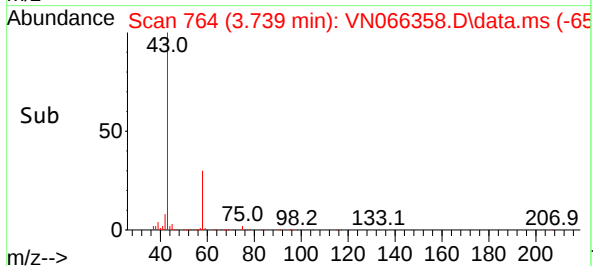
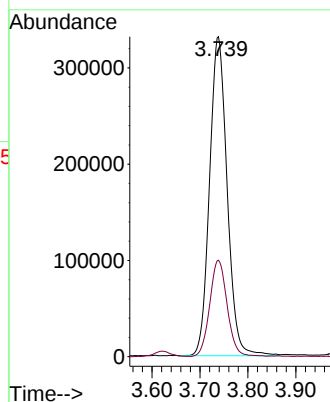
Instrument :
MSVOA_N
ClientSampled :
243



Tgt Ion: 43 Resp: 847311
Ion Ratio Lower Upper
43 100
58 30.0 23.8 35.8

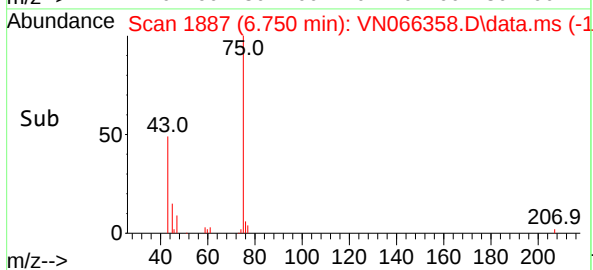
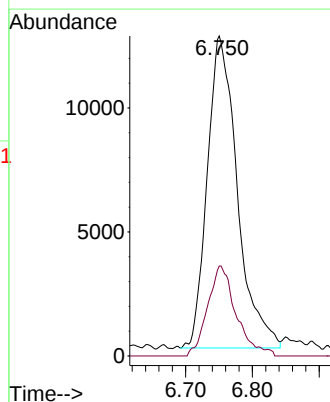
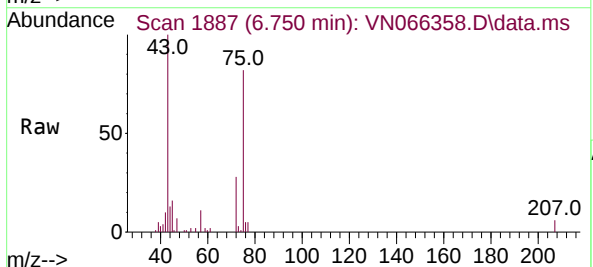
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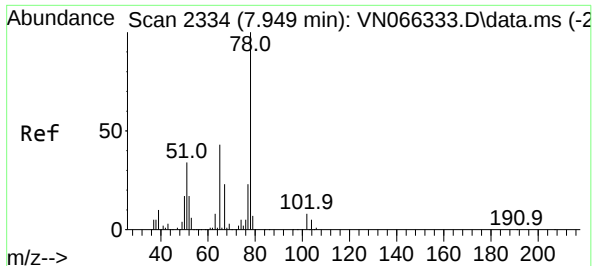
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#25
2-Butanone
Concen: 11.02 ug/l
RT: 6.750 min Scan# 1887
Delta R.T. 0.005 min
Lab File: VN066358.D
Acq: 26 Mar 2021 18:43

Tgt Ion: 43 Resp: 39303
Ion Ratio Lower Upper
43 100
72 28.8 20.7 31.1





#33

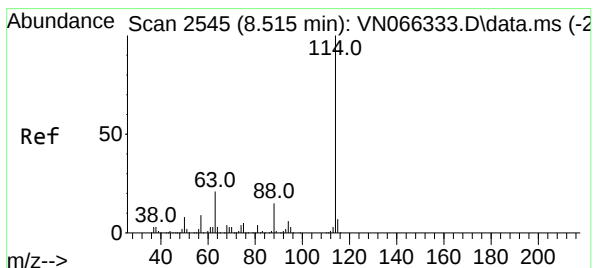
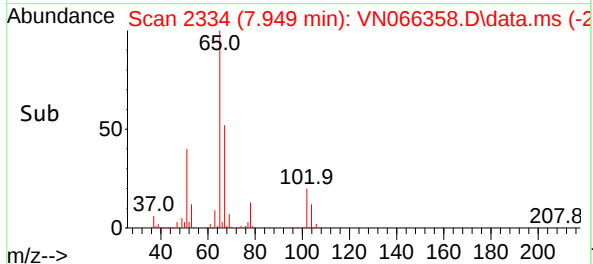
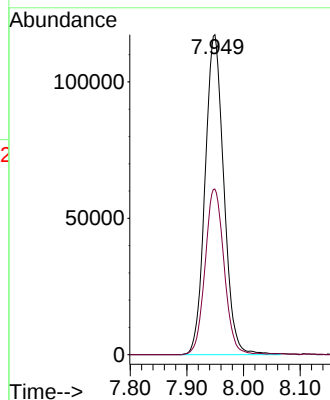
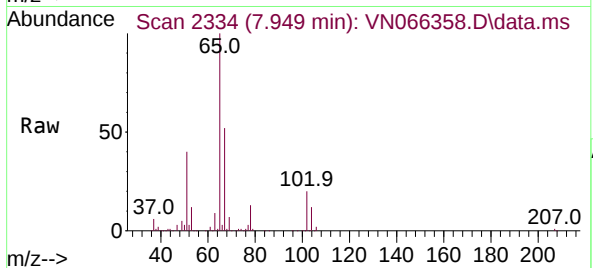
1,2-Dichloroethane-d4
Concen: 44.67 ug/l
RT: 7.949 min Scan# 2334
Delta R.T. 0.000 min
Lab File: VN066358.D
Acq: 26 Mar 2021 18:43

Tgt Ion: 65 Resp: 269674
Ion Ratio Lower Upper
65 100
67 52.5 0.0 105.2

Instrument :
MSVOA_N
ClientSampled :
243

Manual Integrations
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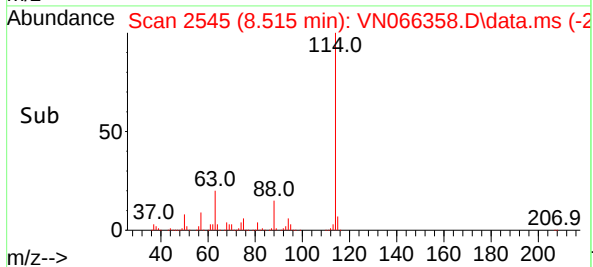
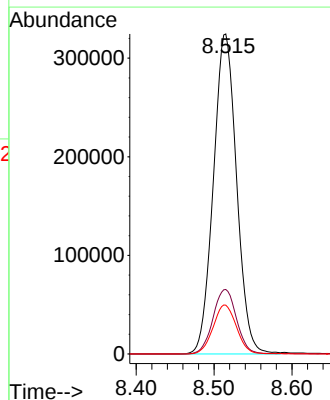
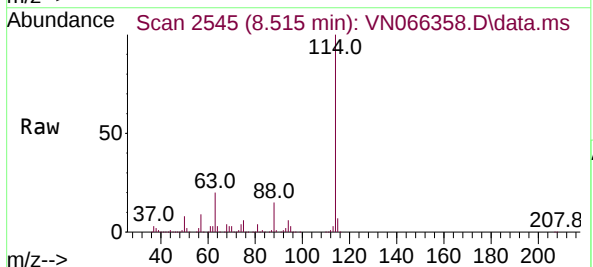
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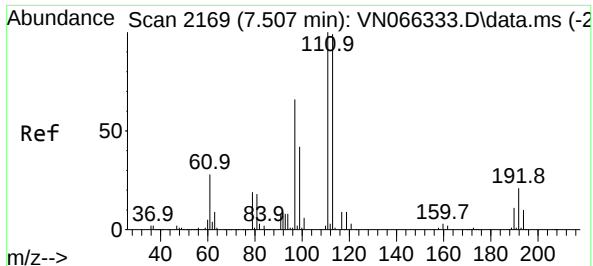


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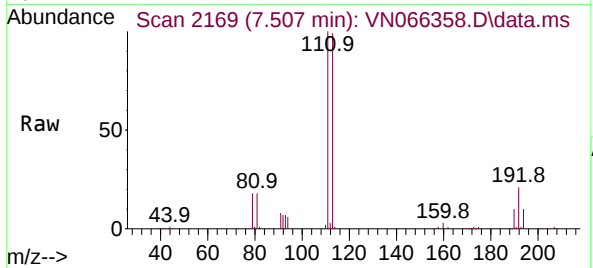
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.515 min Scan# 2545
Delta R.T. 0.000 min
Lab File: VN066358.D
Acq: 26 Mar 2021 18:43

Tgt Ion: 114 Resp: 671382
Ion Ratio Lower Upper
114 100
63 20.1 0.0 42.0
88 15.3 0.0 31.0

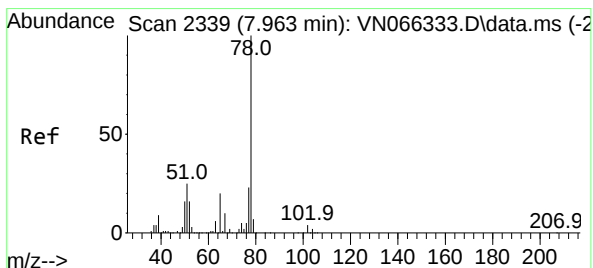
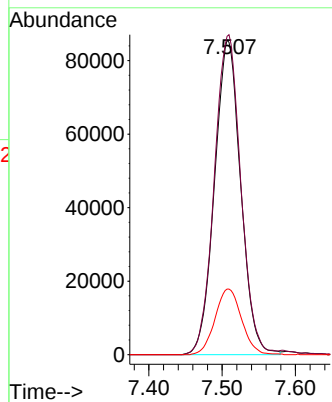
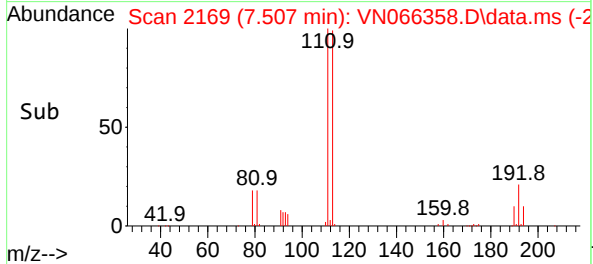




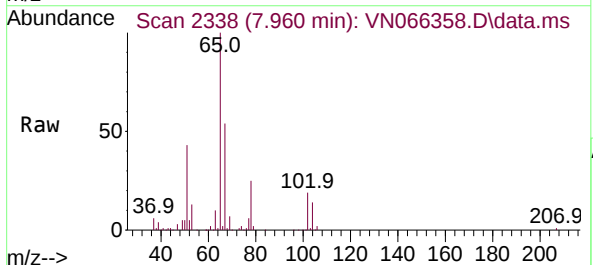
#35
Dibromofluoromethane
Concen: 47.64 ug/l
RT: 7.507 min Scan# 2169
Delta R.T. -0.000 min
Lab File: VN066358.D
Acq: 26 Mar 2021 18:43



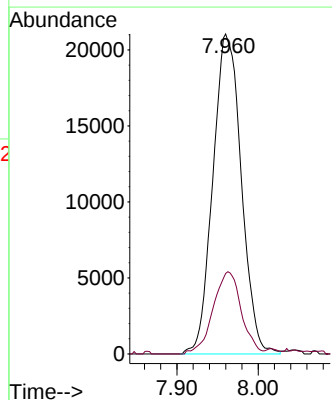
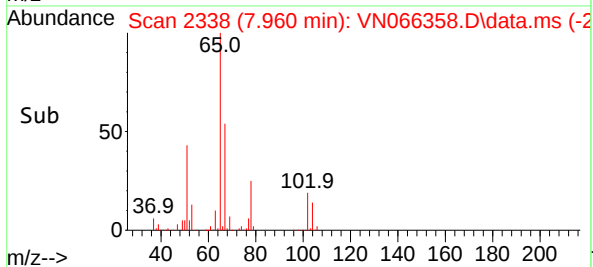
Tgt Ion:113 Resp: 212047
Ion Ratio Lower Upper
113 100
111 103.2 81.8 122.8
192 21.3 17.1 25.7



#40
Benzene
Concen: 2.68 ug/l
RT: 7.960 min Scan# 2338
Delta R.T. -0.003 min
Lab File: VN066358.D
Acq: 26 Mar 2021 18:43



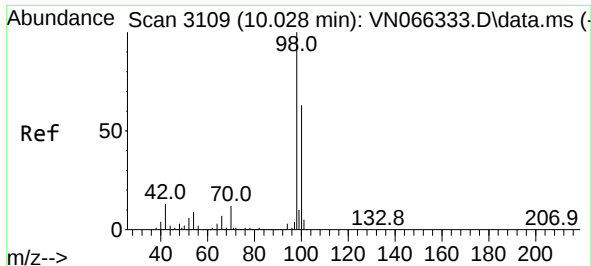
Tgt Ion: 78 Resp: 51113
Ion Ratio Lower Upper
78 100
77 25.1 18.7 28.1



Instrument :
MSVOA_N
ClientSampled :
243

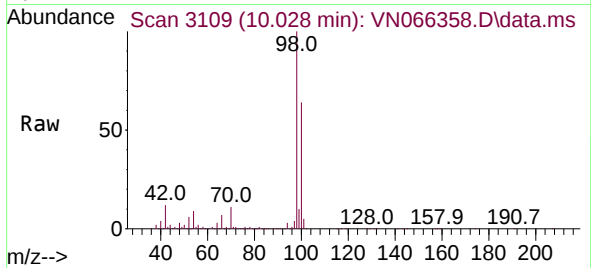
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3/31/2021 3:39:57 PM



#50
Toluene-d8
Concen: 47.78 ug/l
RT: 10.028 min Scan# 3109
Delta R.T. -0.000 min
Lab File: VN066358.D
Acq: 26 Mar 2021 18:43

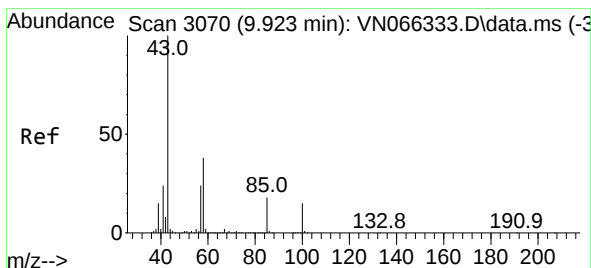
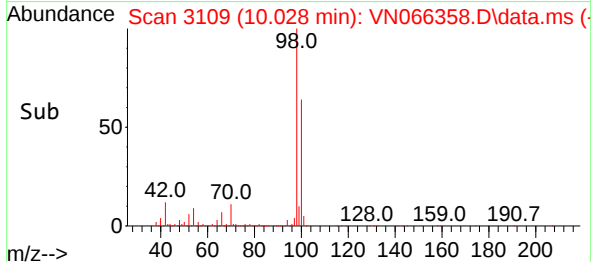
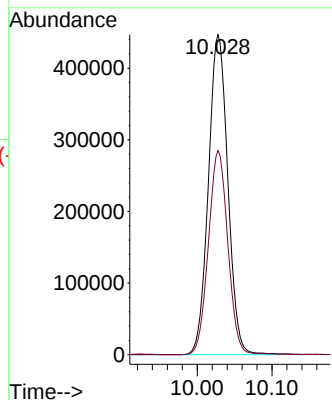
Instrument :
MSVOA_N
ClientSampled :
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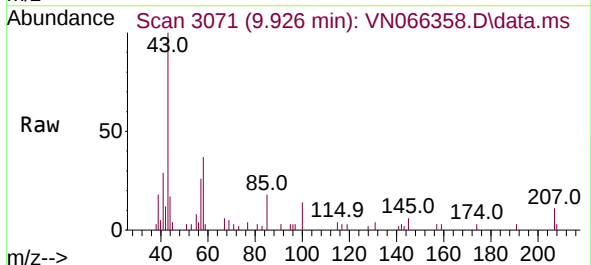
Tgt Ion: 98 Resp: 806669
Ion Ratio Lower Upper
98 100
100 64.0 50.5 75.7

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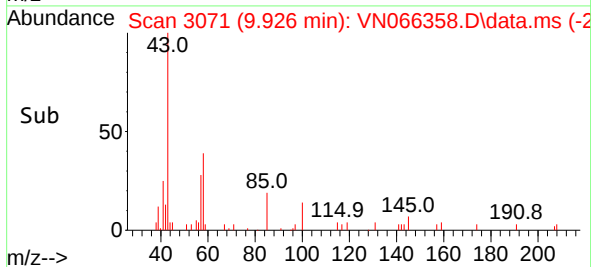
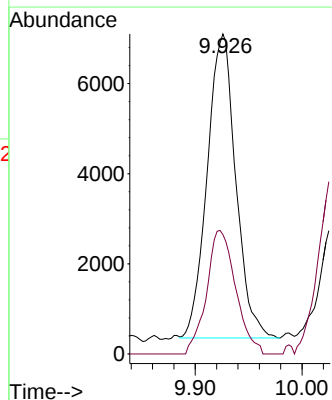
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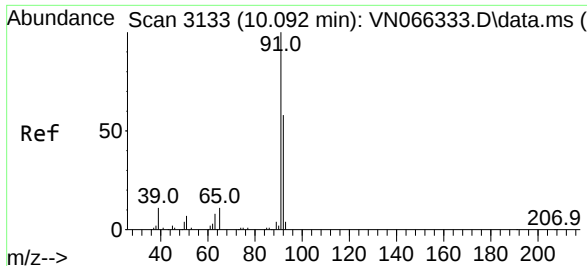


#51
4-Methyl-2-Pentanone
Concen: 1.81 ug/l
RT: 9.926 min Scan# 3071
Delta R.T. 0.003 min
Lab File: VN066358.D
Acq: 26 Mar 2021 18:43



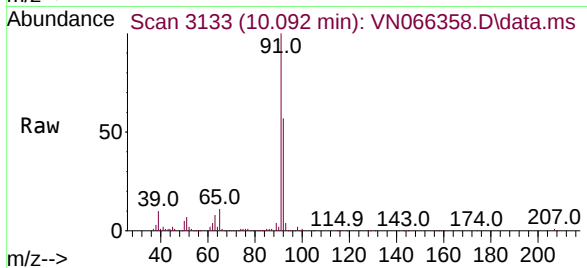
Tgt Ion: 43 Resp: 12555
Ion Ratio Lower Upper
43 100
58 41.2 30.8 46.2





#52
Toluene
Concen: 8.33 ug/l
RT: 10.092 min Scan# 3133
Delta R.T. -0.000 min
Lab File: VN066358.D
Acq: 26 Mar 2021 18:43

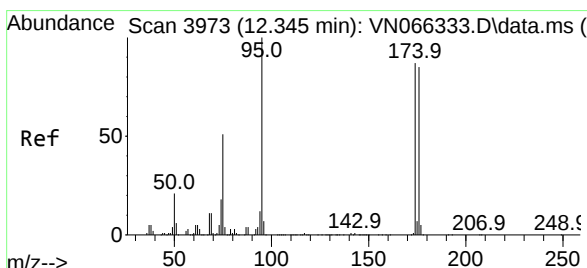
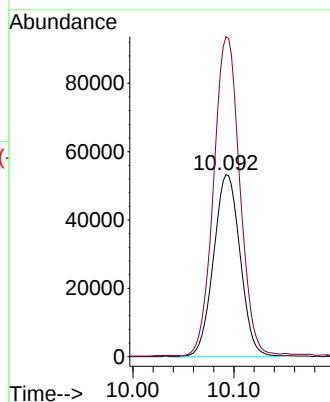
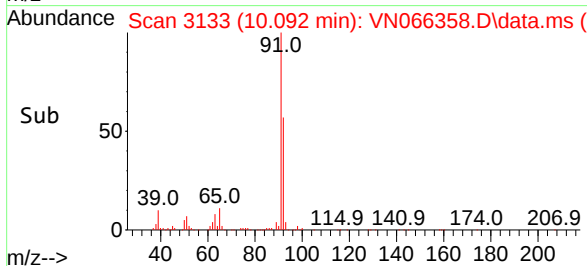
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MSVOA_N
ClientSampled :
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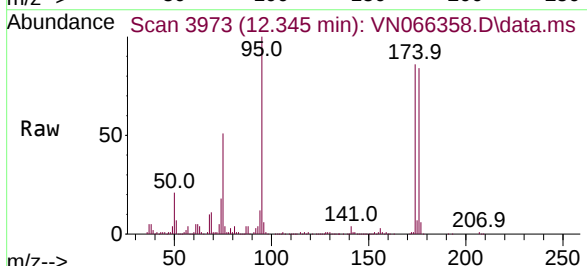
Tgt Ion: 92 Resp: 97364
Ion Ratio Lower Upper
92 100
91 172.4 138.8 208.2

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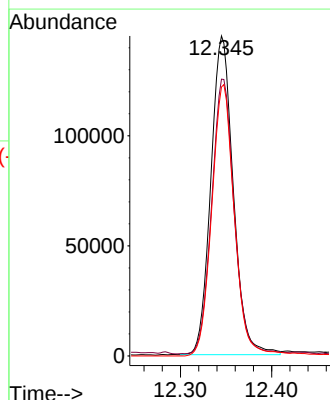
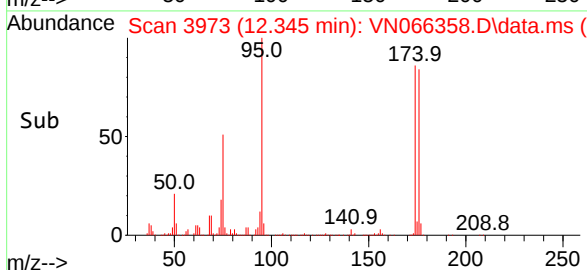
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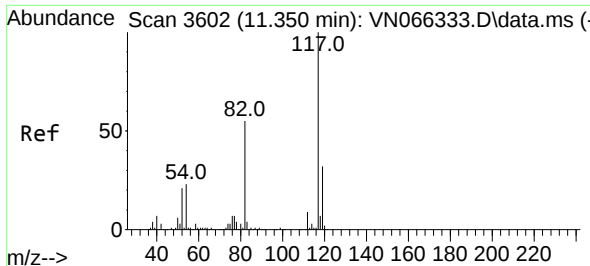


#62
4-Bromofluorobenzene
Concen: 42.28 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. -0.000 min
Lab File: VN066358.D
Acq: 26 Mar 2021 18:43

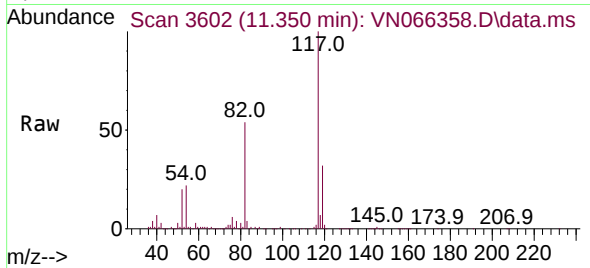


Tgt Ion: 95 Resp: 247941
Ion Ratio Lower Upper
95 100
174 85.8 0.0 172.2
176 85.9 0.0 167.8

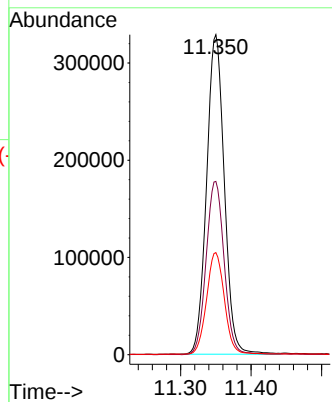
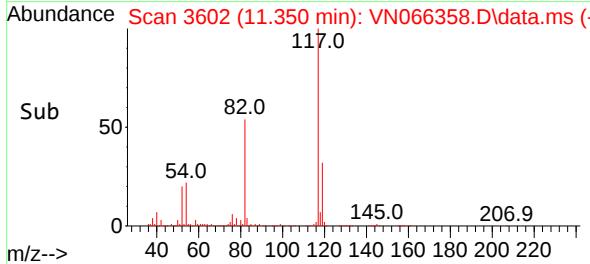




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.350 min Scan# 3602
Delta R.T. -0.000 min
Lab File: VN066358.D
Acq: 26 Mar 2021 18:43



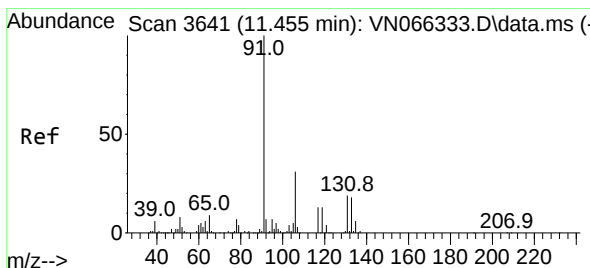
Tgt Ion:117 Resp: 573383
Ion Ratio Lower Upper
117 100
82 54.2 44.2 66.4
119 31.8 25.8 38.6



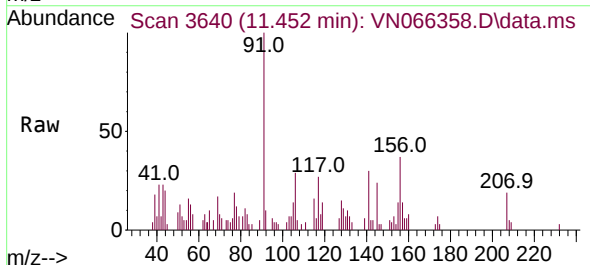
Instrument :
MSVOA_N
ClientSampled :
243

Manual Integrations
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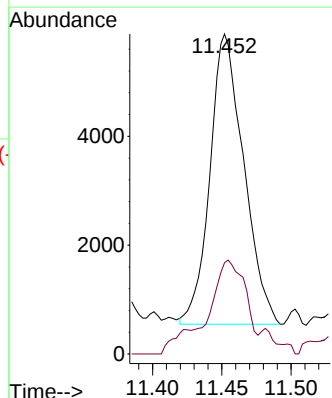
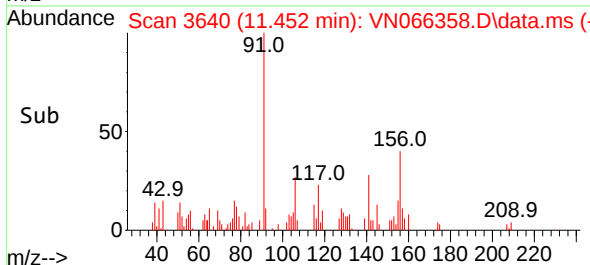
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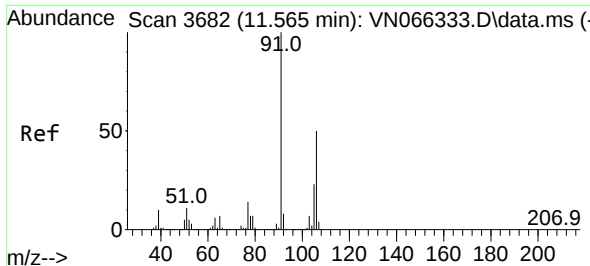


#67
Ethyl Benzene
Concen: 0.44 ug/l
RT: 11.452 min Scan# 3640
Delta R.T. -0.003 min
Lab File: VN066358.D
Acq: 26 Mar 2021 18:43



Tgt Ion: 91 Resp: 9067
Ion Ratio Lower Upper
91 100
106 28.1 24.7 37.1





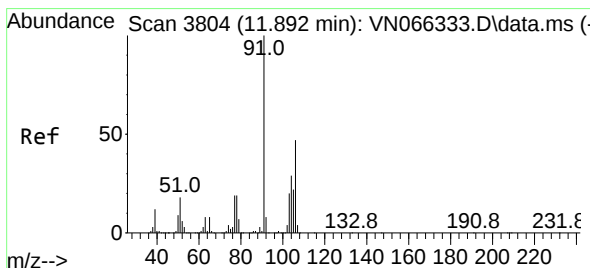
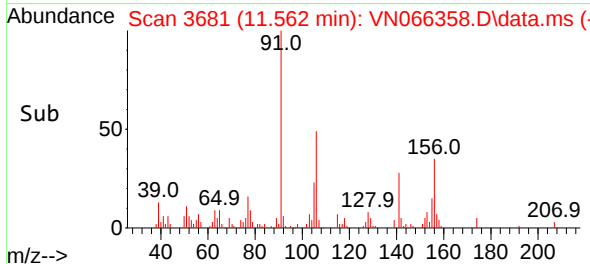
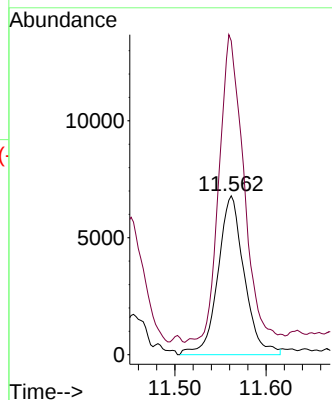
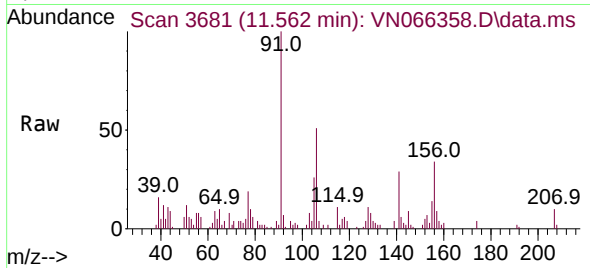
#68
m/p-Xylenes
Concen: 1.72 ug/l
RT: 11.562 min Scan# 3681
Delta R.T. -0.003 min
Lab File: VN066358.D
Acq: 26 Mar 2021 18:43

Instrument :
MSVOA_N
ClientSampled :
243

Tgt Ion:106 Resp: 13599
Ion Ratio Lower Upper
106 100
91 182.5 162.7 244.1

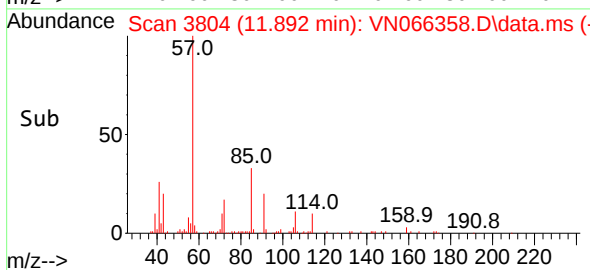
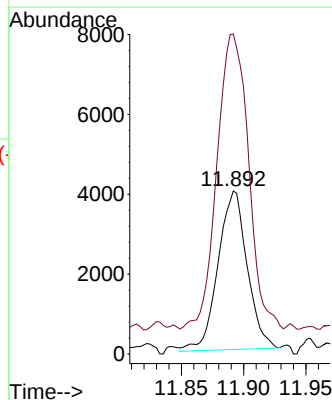
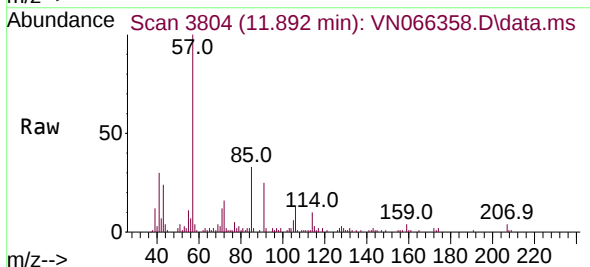
Manual Integrations
APPROVED

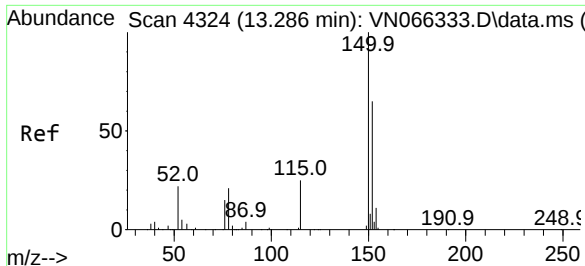
MMDadoda
3/31/2021 3:39:57 PM



#69
o-Xylene
Concen: 0.85 ug/l
RT: 11.892 min Scan# 3804
Delta R.T. -0.000 min
Lab File: VN066358.D
Acq: 26 Mar 2021 18:43

Tgt Ion:106 Resp: 6461
Ion Ratio Lower Upper
106 100
91 200.9 107.1 321.4





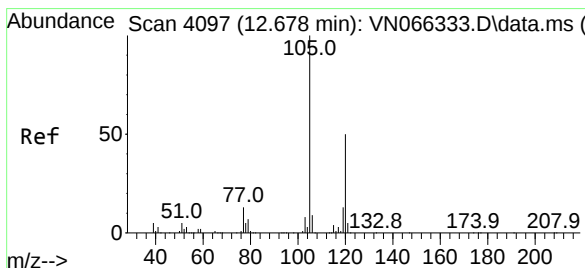
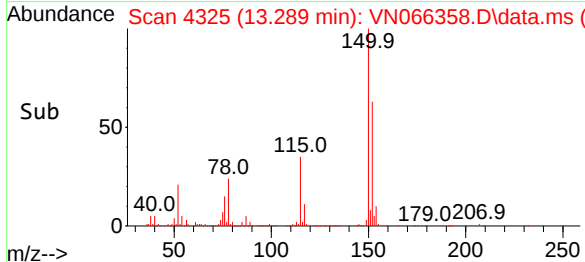
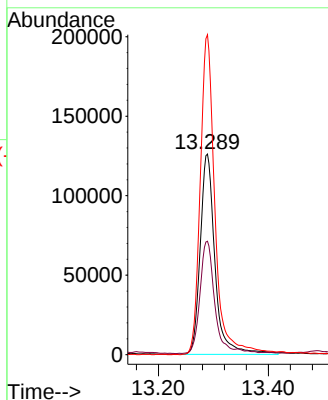
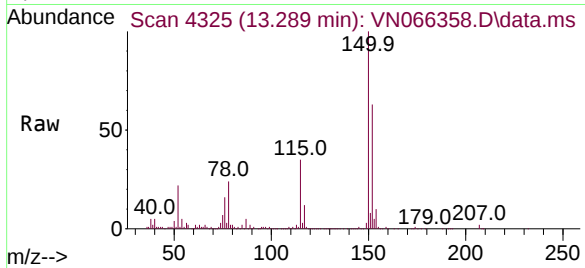
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.289 min Scan# 4325
Delta R.T. 0.003 min
Lab File: VN066358.D
Acq: 26 Mar 2021 18:43

Tgt Ion:152 Resp: 236196
Ion Ratio Lower Upper
152 100
115 53.9 27.8 83.4
150 158.8 0.0 348.4

Instrument :
MSVOA_N
ClientSampled :
243

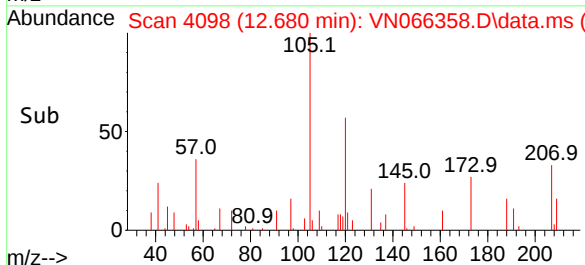
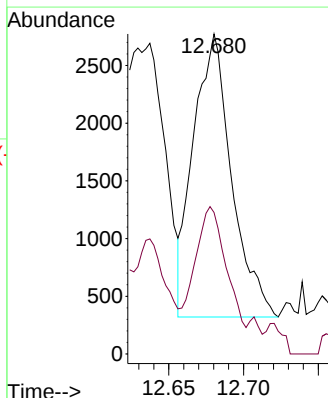
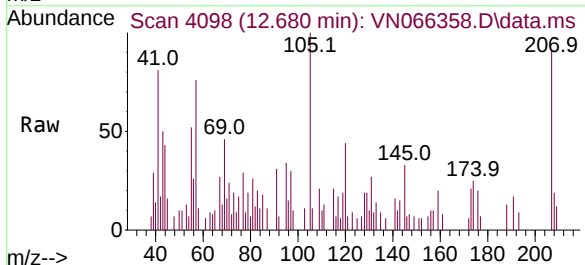
Manual Integrations
APPROVED

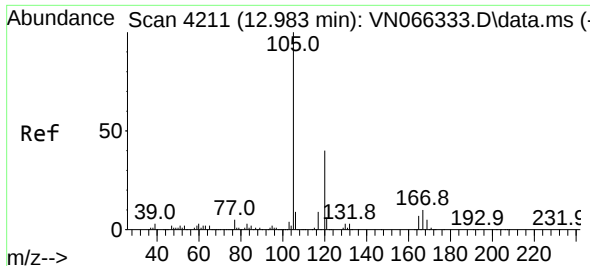
MMDadoda
3/31/2021 3:39:57 PM



#80
1,3,5-Trimethylbenzene
Concen: 0.30 ug/l
RT: 12.680 min Scan# 4098
Delta R.T. 0.003 min
Lab File: VN066358.D
Acq: 26 Mar 2021 18:43

Tgt Ion:105 Resp: 4368
Ion Ratio Lower Upper
105 100
120 45.7 24.5 73.5





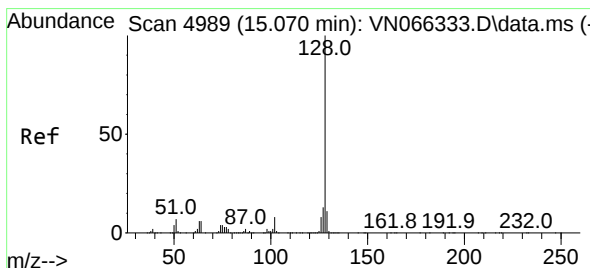
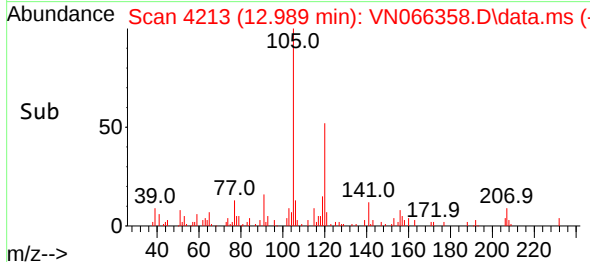
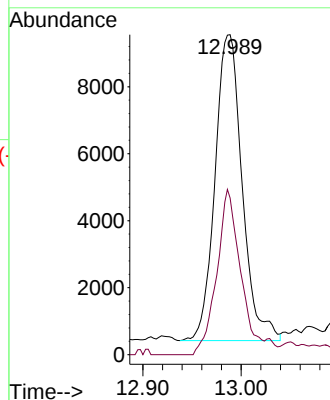
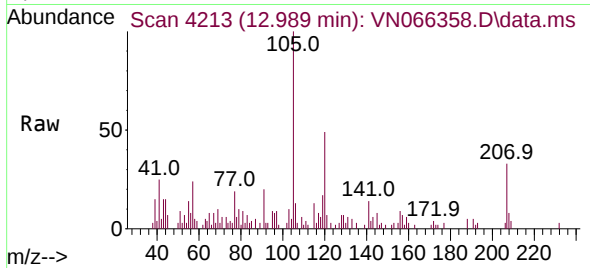
#84
1,2,4-Trimethylbenzene
Concen: 1.26 ug/l
RT: 12.989 min Scan# 4213
Delta R.T. 0.005 min
Lab File: VN066358.D
Acq: 26 Mar 2021 18:43

Tgt Ion:105 Resp: 17557
Ion Ratio Lower Upper
105 100
120 47.1 23.1 69.2

Instrument :
MSVOA_N
ClientSampled :
243

Manual Integrations
APPROVED

MMDadoda
3/31/2021 3:39:57 PM



#95
Naphthalene
Concen: 3.58 ug/l
RT: 15.073 min Scan# 4990
Delta R.T. 0.003 min
Lab File: VN066358.D
Acq: 26 Mar 2021 18:43

Tgt Ion:128 Resp: 34269
Ion Ratio Lower Upper
128 100
127 11.6 10.5 15.7
129 12.2 8.5 12.7

