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 Data File : VN065851.D
 Acq On : 12 Feb 2021 20:26
 Operator : JC/MD
 Sample : M1386-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 210210007-02-VOA

Manual Integrations
 APPROVED

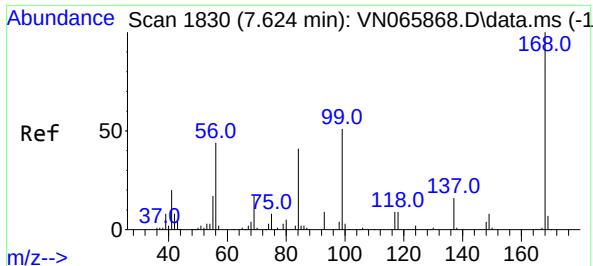
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Quant Time: Feb 13 00:51:29 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 25 13:47:28 2021
 Response via : Initial Calibration

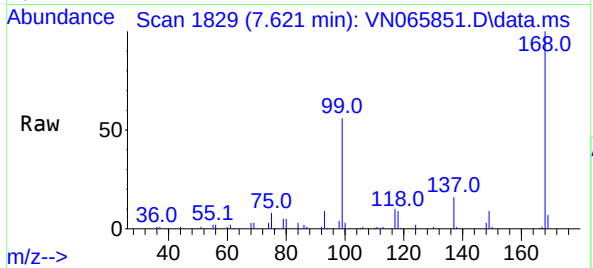
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.621	168	126355	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.547	114	252960	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	263153	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.312	152	111836	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.984	65	78680	47.33	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	94.66%		
35) Dibromofluoromethane	7.547	113	72909	48.64	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	97.28%		
50) Toluene-d8	10.058	98	323080	54.83	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	109.66%		
62) 4-Bromofluorobenzene	12.373	95	129811	61.18	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	122.36%		
Target Compounds						Qvalue
8) Diethyl Ether	3.374	74	2360m	2.25	ug/l	
11) Tert butyl alcohol	4.759	59	954703	3066.07	ug/l	99
16) Acetone	3.775	43	20145	31.13	ug/l	95
19) Methyl tert-butyl Ether	4.994	73	10411	2.03	ug/l #	87
29) Tetrahydrofuran	7.171	42	219391	298.09	ug/l	97
40) Benzene	8.000	78	24943	3.21	ug/l	99
49) 1,4-Dioxane	9.171	88	1656	49.82	ug/l #	87
51) 4-Methyl-2-Pentanone	9.952	43	11549	4.84	ug/l	97
52) Toluene	10.122	92	16155	3.51	ug/l	97
65) Chlorobenzene	11.399	112	4212	0.77	ug/l	95
67) Ethyl Benzene	11.479	91	33575	3.25	ug/l	98
68) m/p-Xylenes	11.589	106	26874	7.18	ug/l	99
69) o-Xylene	11.917	106	16189	4.46	ug/l	98
73) Isopropylbenzene	12.222	105	5961	0.61	ug/l	94
80) 1,3,5-Trimethylbenzene	12.704	105	5298	0.64	ug/l	93
84) 1,2,4-Trimethylbenzene	13.010	105	19022	2.29	ug/l	97
86) p-Isopropyltoluene	13.261	119	11058	1.33	ug/l	98
88) 1,4-Dichlorobenzene	13.331	146	11490	3.00	ug/l	89
95) Naphthalene	15.100	128	137457	21.11	ug/l	100

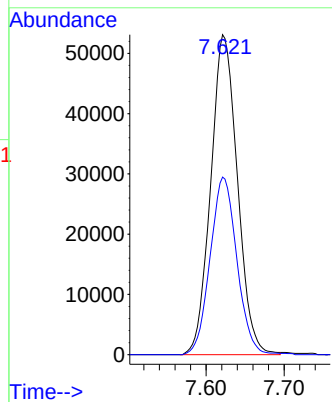
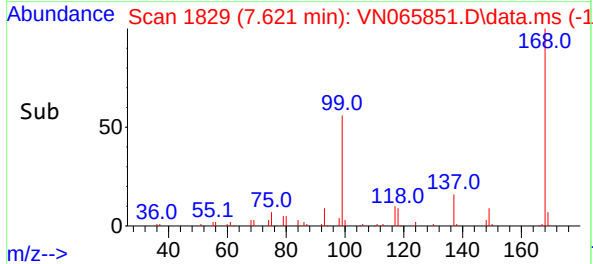
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.621 min Scan# 1829
Delta R.T. -0.003 min
Lab File: VN065851.D
Acq: 12 Feb 2021 20:26



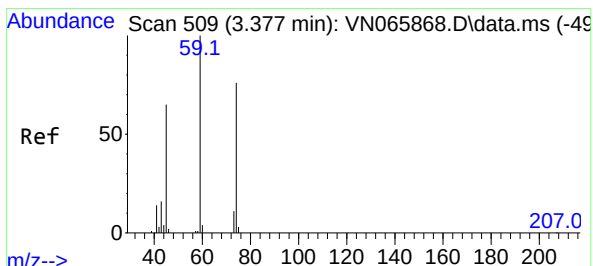
Tgt Ion:168 Resp: 126355
Ion Ratio Lower Upper
168 100
99 55.5 42.6 63.8



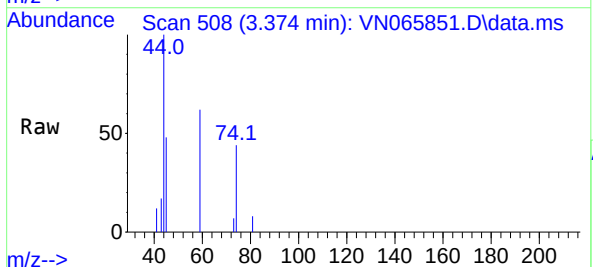
Instrument :
MSVOA_N
ClientSampleId :
210210007-02-VOA

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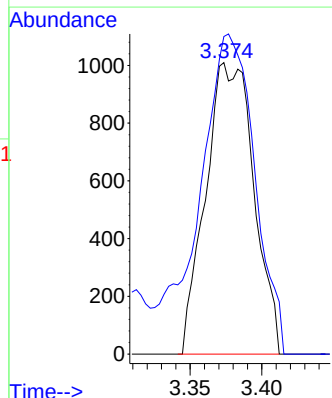
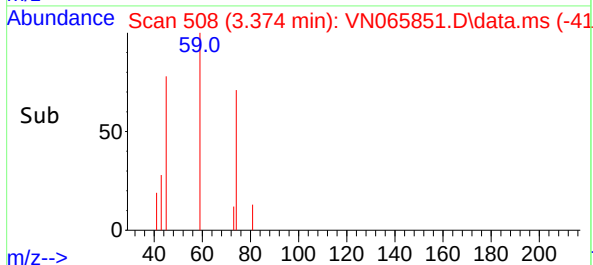
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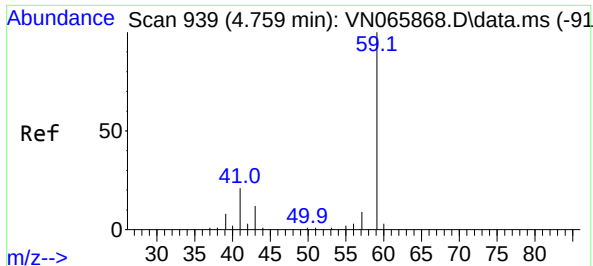


#8
Diethyl Ether
Concen: 2.25 ug/l m
RT: 3.374 min Scan# 508
Delta R.T. -0.006 min
Lab File: VN065851.D
Acq: 12 Feb 2021 20:26



Tgt Ion: 74 Resp: 2360
Ion Ratio Lower Upper
74 100
45 126.0 46.4 139.1





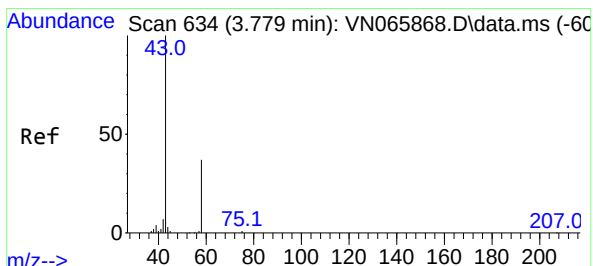
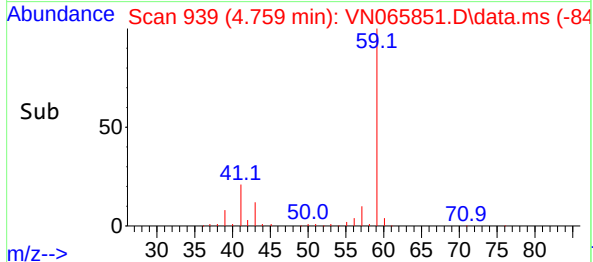
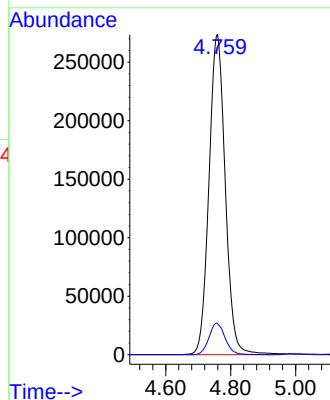
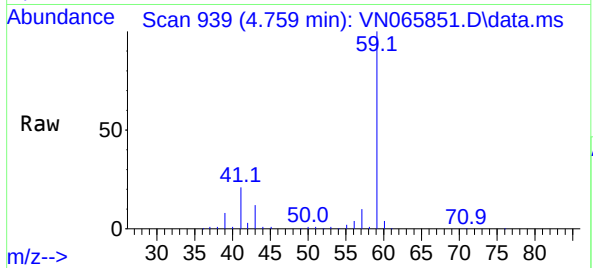
#11
Tert butyl alcohol
Concen: 3066.07 ug/l
RT: 4.759 min Scan# 939
Delta R.T. -0.003 min
Lab File: VN065851.D
Acq: 12 Feb 2021 20:26

Tgt Ion: 59 Resp: 954703
Ion Ratio Lower Upper
59 100
57 9.8 8.0 12.0

Instrument :
MSVOA_N
ClientSampleId :
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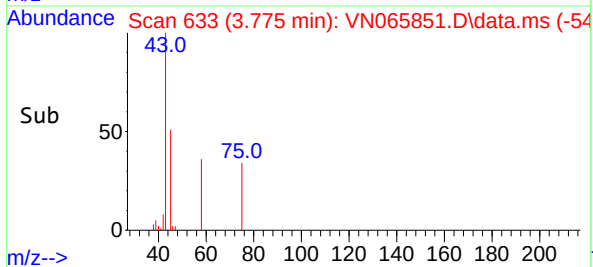
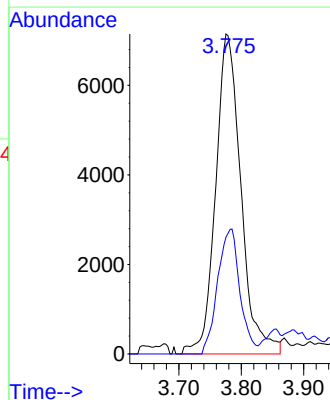
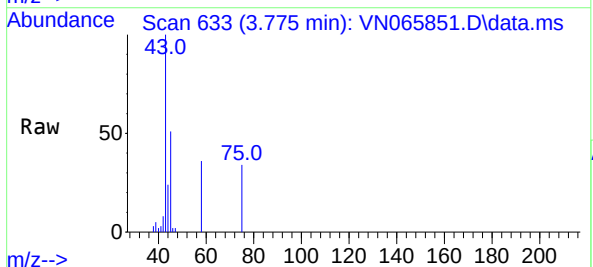
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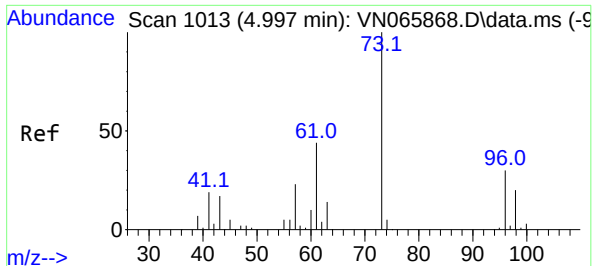
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#16
Acetone
Concen: 31.13 ug/l
RT: 3.775 min Scan# 633
Delta R.T. -0.007 min
Lab File: VN065851.D
Acq: 12 Feb 2021 20:26

Tgt Ion: 43 Resp: 20145
Ion Ratio Lower Upper
43 100
58 36.5 27.0 40.6





#19

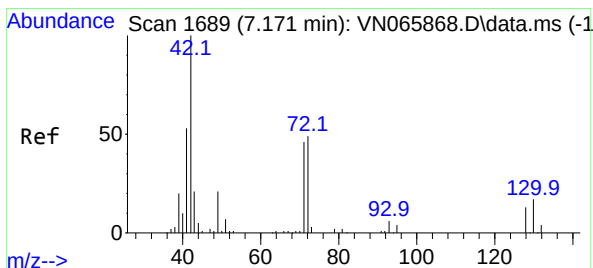
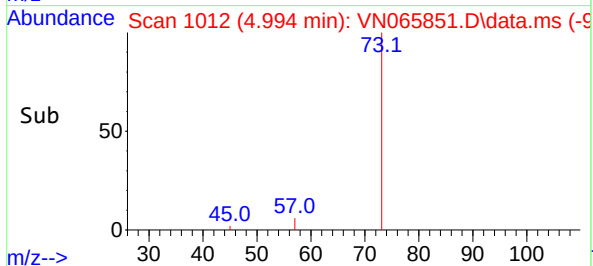
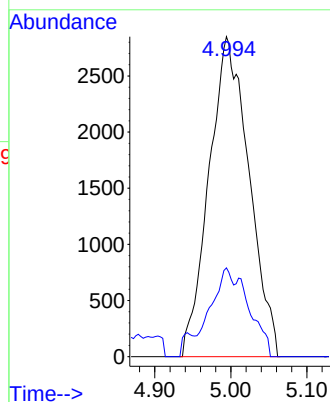
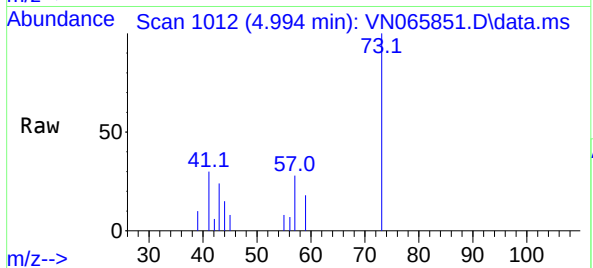
Methyl tert-butyl Ether
Concen: 2.03 ug/l
RT: 4.994 min Scan# 1012
Delta R.T. -0.003 min
Lab File: VN065851.D
Acq: 12 Feb 2021 20:26

Tgt Ion: 73 Resp: 10411
Ion Ratio Lower Upper
73 100
57 27.8 17.3 25.9#

Instrument :
MSVOA_N
ClientSampleId :
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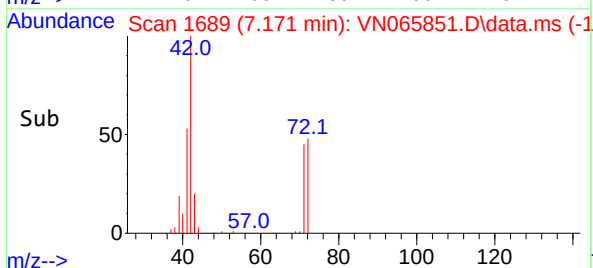
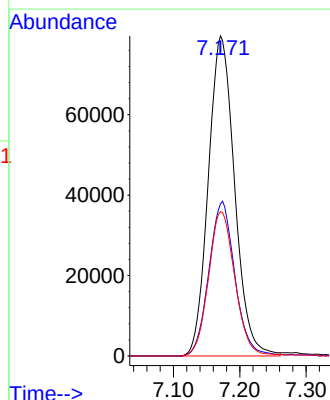
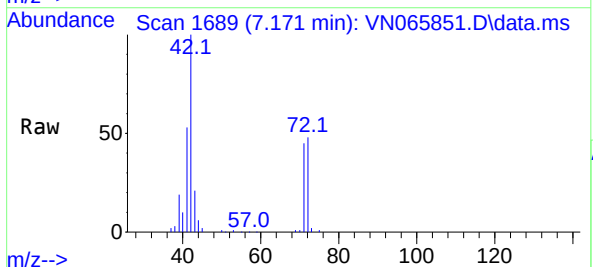
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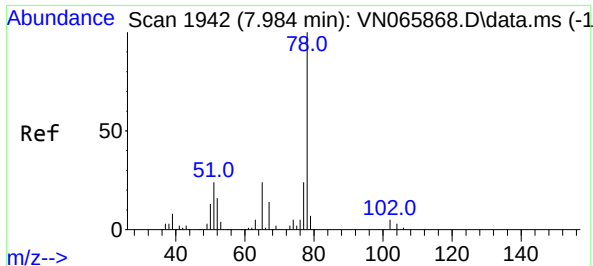


#29

Tetrahydrofuran
Concen: 298.09 ug/l
RT: 7.171 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VN065851.D
Acq: 12 Feb 2021 20:26

Tgt Ion: 42 Resp: 219391
Ion Ratio Lower Upper
42 100
72 47.7 36.6 55.0
71 45.2 34.3 51.5





#33

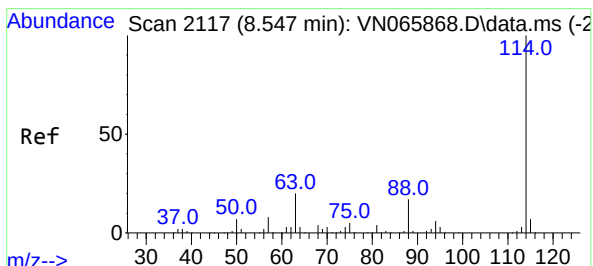
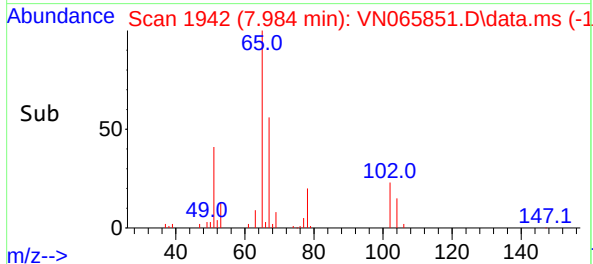
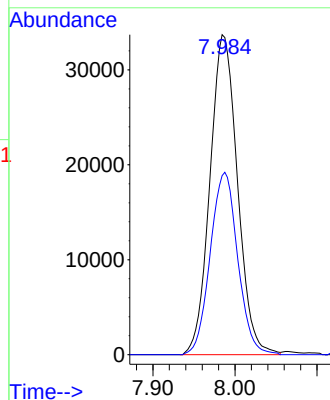
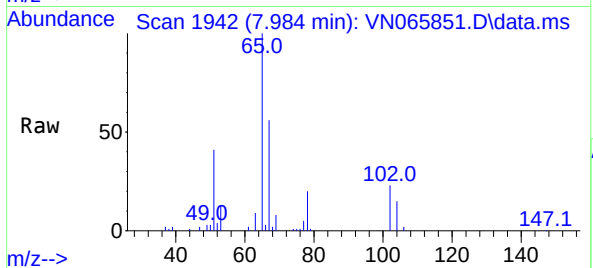
1,2-Dichloroethane-d4
Concen: 47.33 ug/l
RT: 7.984 min Scan# 1942
Delta R.T. -0.003 min
Lab File: VN065851.D
Acq: 12 Feb 2021 20:26

Tgt Ion: 65 Resp: 78680
Ion Ratio Lower Upper
65 100
67 56.8 0.0 107.2

Instrument :
MSVOA_N
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Manual Integrations
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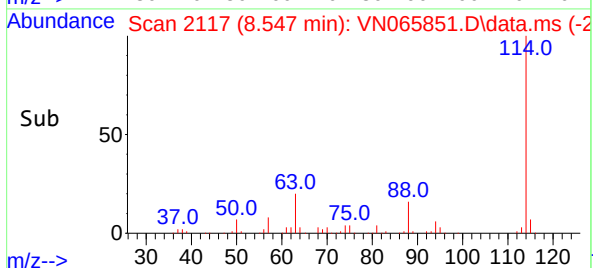
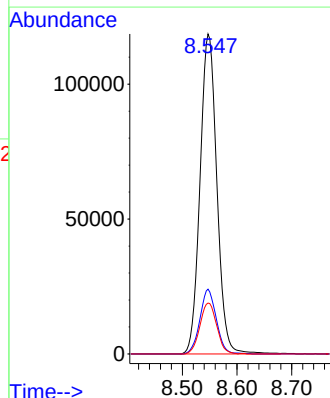
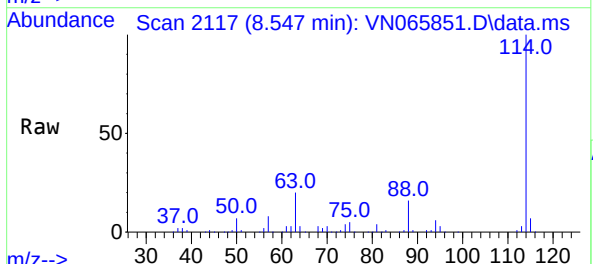
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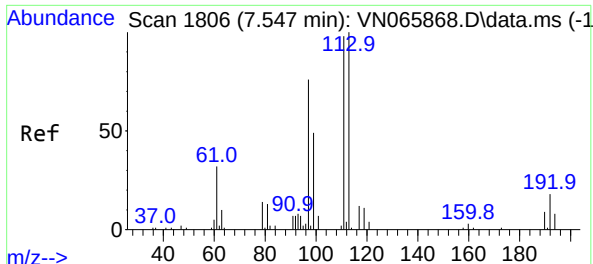


#34

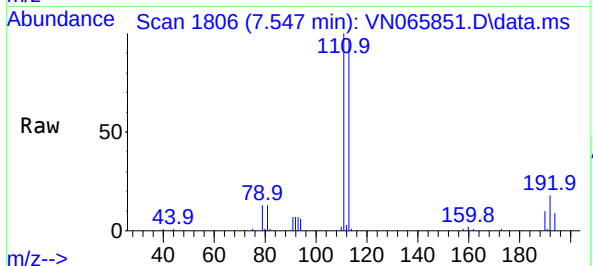
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.547 min Scan# 2117
Delta R.T. -0.003 min
Lab File: VN065851.D
Acq: 12 Feb 2021 20:26

Tgt Ion: 114 Resp: 252960
Ion Ratio Lower Upper
114 100
63 20.2 0.0 38.6
88 15.9 0.0 30.6

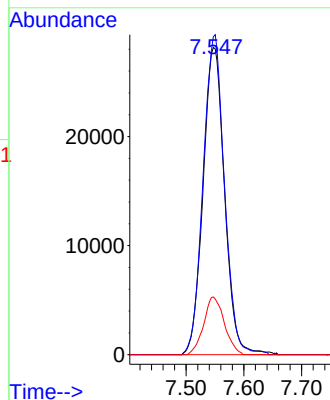
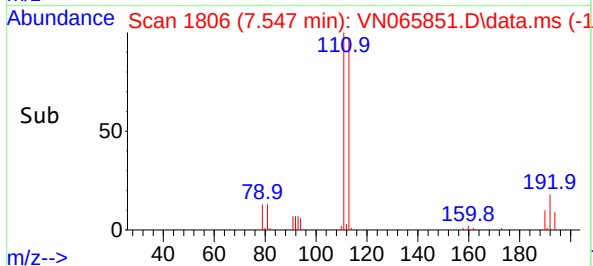




#35
Dibromofluoromethane
Concen: 48.64 ug/l
RT: 7.547 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN065851.D
Acq: 12 Feb 2021 20:26



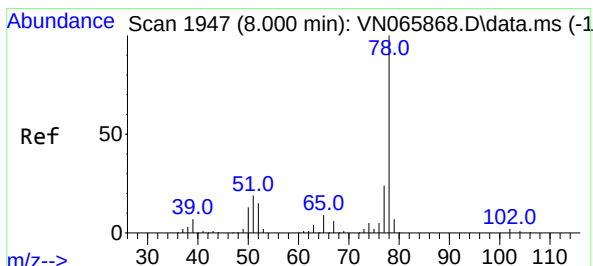
Tgt Ion: 113 Resp: 72909
Ion Ratio Lower Upper
113 100
111 103.1 82.2 123.2
192 18.1 15.4 23.0



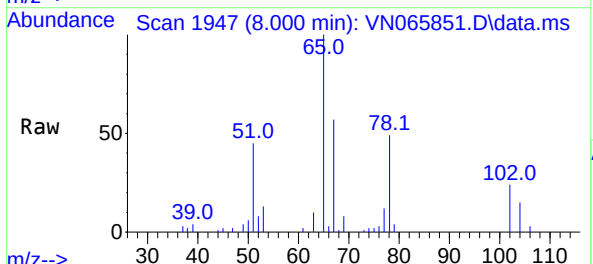
Instrument :
MSVOA_N
ClientSampleId :
210210007-02-VOA

Manual Integrations
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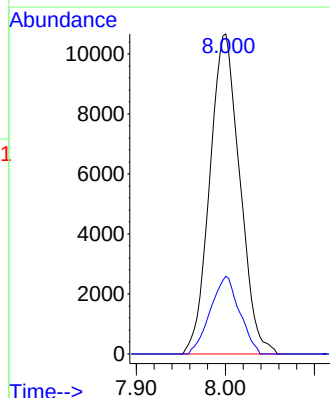
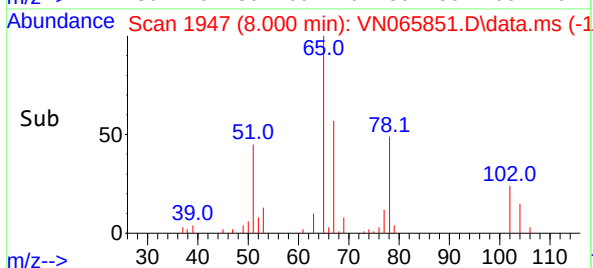
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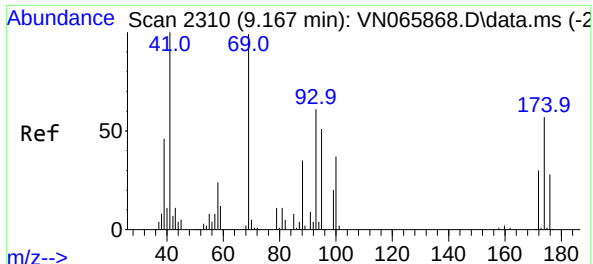


#40
Benzene
Concen: 3.21 ug/l
RT: 8.000 min Scan# 1947
Delta R.T. 0.000 min
Lab File: VN065851.D
Acq: 12 Feb 2021 20:26



Tgt Ion: 78 Resp: 24943
Ion Ratio Lower Upper
78 100
77 24.2 19.0 28.4





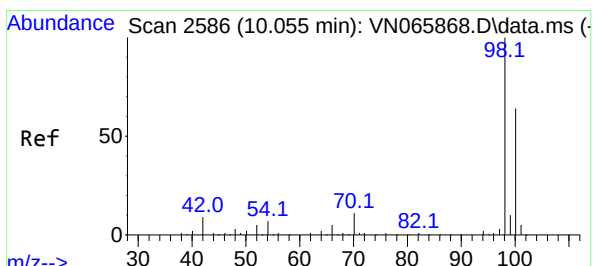
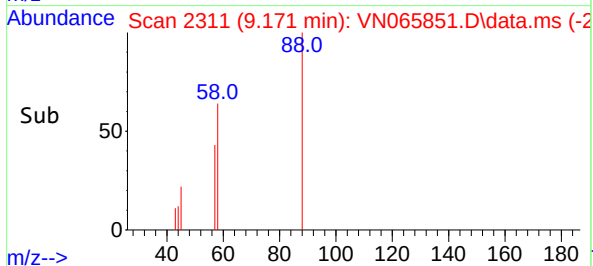
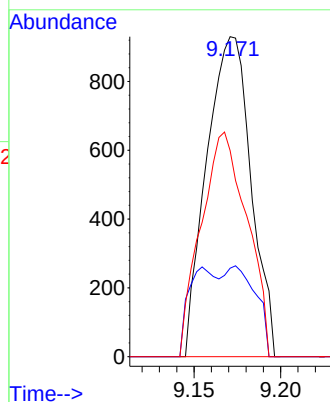
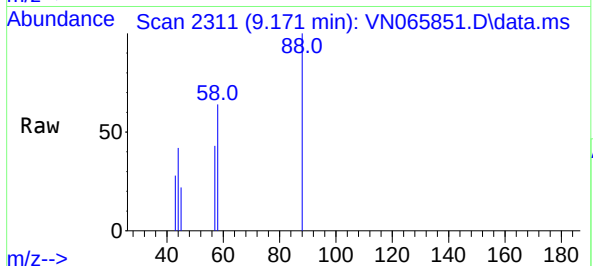
#49
1,4-Dioxane
Concen: 49.82 ug/l
RT: 9.171 min Scan# 2311
Delta R.T. -0.003 min
Lab File: VN065851.D
Acq: 12 Feb 2021 20:26

Tgt Ion: 88 Resp: 1656
Ion Ratio Lower Upper
88 100
43 18.5 24.7 37.1#
58 72.7 52.6 78.8

Instrument :
MSVOA_N
ClientSampleId :
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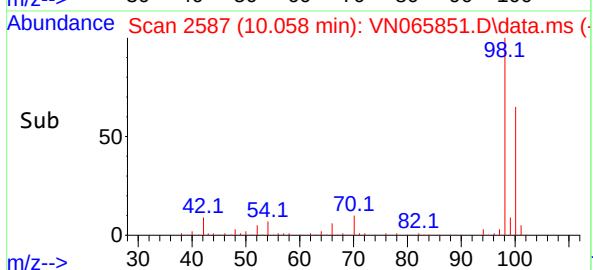
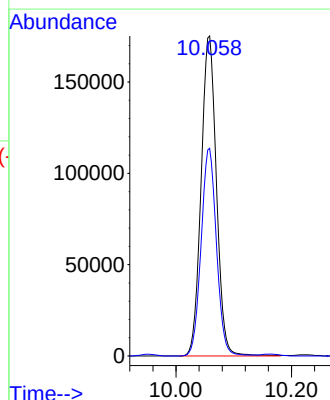
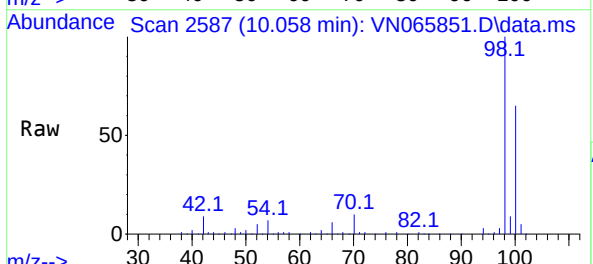
Manual Integrations
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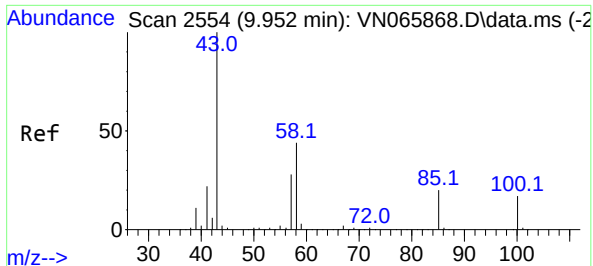
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2/15/2021 1:32:27 PM



#50
Toluene-d8
Concen: 54.83 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.000 min
Lab File: VN065851.D
Acq: 12 Feb 2021 20:26

Tgt Ion: 98 Resp: 323080
Ion Ratio Lower Upper
98 100
100 65.0 50.5 75.7





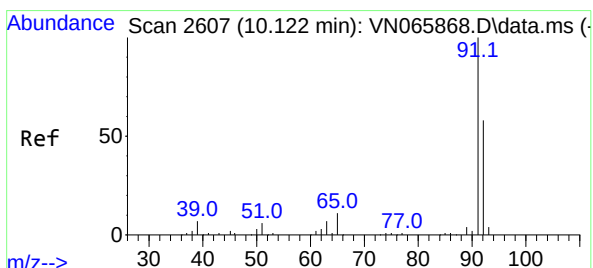
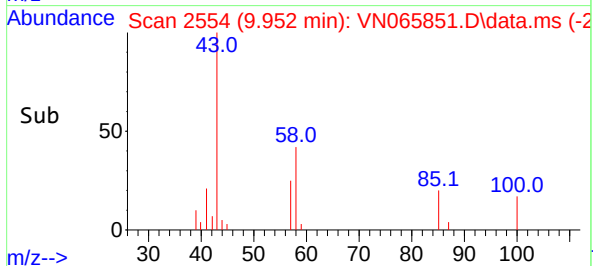
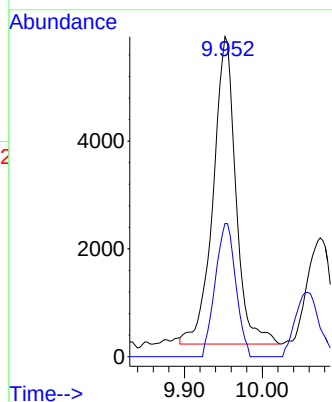
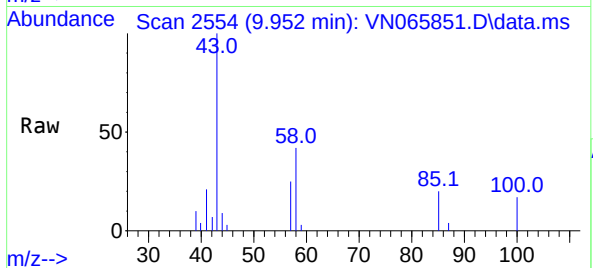
#51
4-Methyl-2-Pentanone
Concen: 4.84 ug/l
RT: 9.952 min Scan# 2554
Delta R.T. 0.000 min
Lab File: VN065851.D
Acq: 12 Feb 2021 20:26

Tgt Ion: 43 Resp: 11549
Ion Ratio Lower Upper
43 100
58 39.0 32.5 48.7

Instrument :
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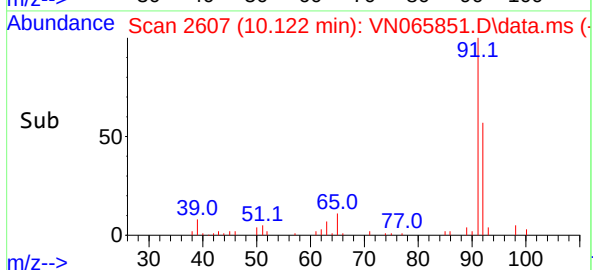
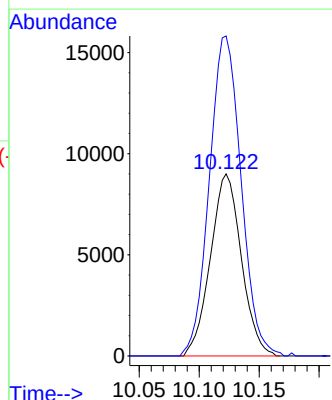
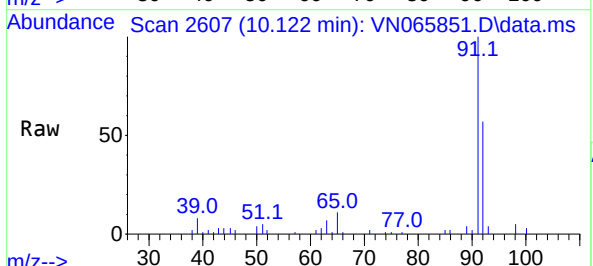
Manual Integrations
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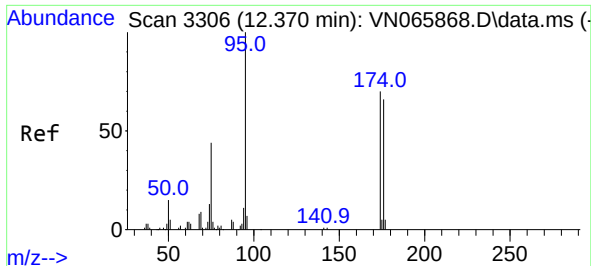
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#52
Toluene
Concen: 3.51 ug/l
RT: 10.122 min Scan# 2607
Delta R.T. 0.000 min
Lab File: VN065851.D
Acq: 12 Feb 2021 20:26

Tgt Ion: 92 Resp: 16155
Ion Ratio Lower Upper
92 100
91 180.0 140.7 211.1





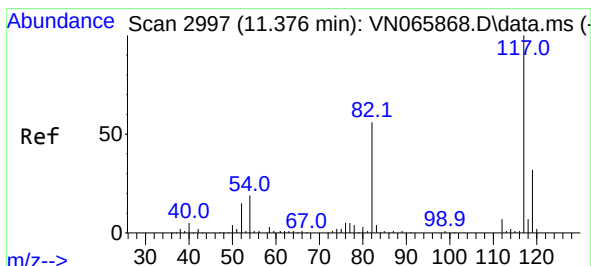
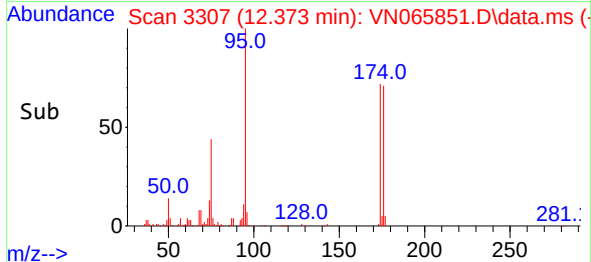
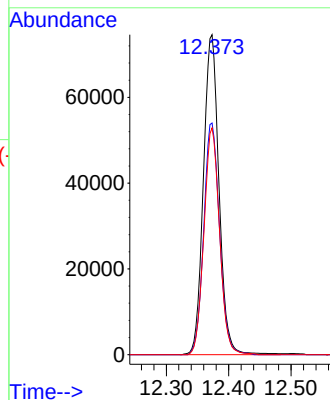
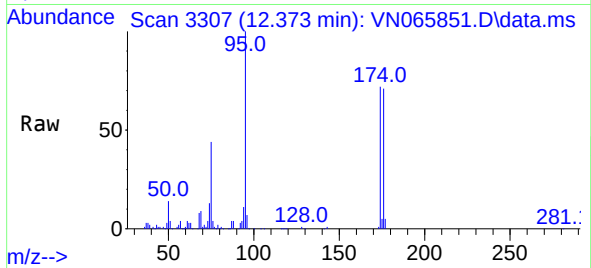
#62
4-Bromofluorobenzene
Concen: 61.18 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.000 min
Lab File: VN065851.D
Acq: 12 Feb 2021 20:26

Tgt Ion: 95 Resp: 129811
Ion Ratio Lower Upper
95 100
174 73.3 0.0 169.0
176 70.8 0.0 162.4

Instrument :
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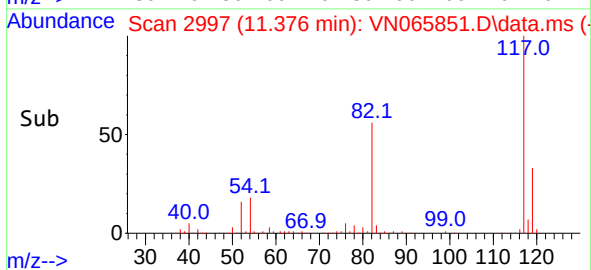
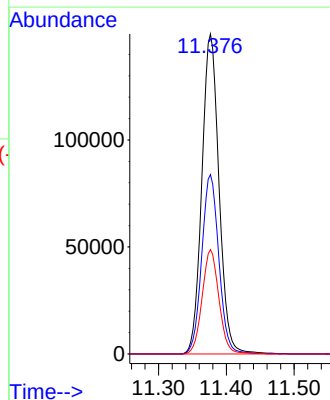
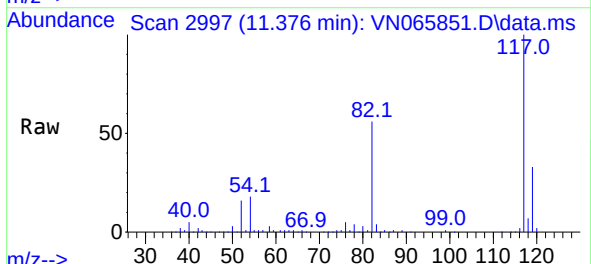
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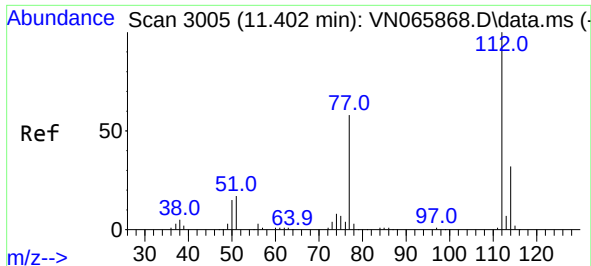
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#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN065851.D
Acq: 12 Feb 2021 20:26

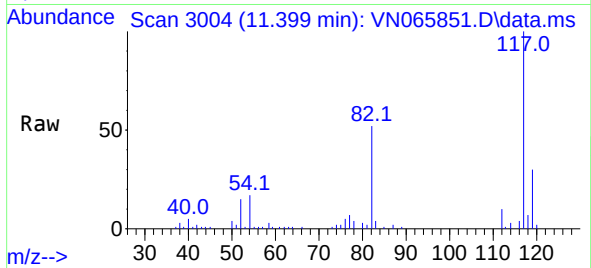
Tgt Ion: 117 Resp: 263153
Ion Ratio Lower Upper
117 100
82 56.1 43.7 65.5
119 32.6 26.1 39.1





#65
Chlorobenzene
Concen: 0.77 ug/l
RT: 11.399 min Scan# 3004
Delta R.T. -0.003 min
Lab File: VN065851.D
Acq: 12 Feb 2021 20:26

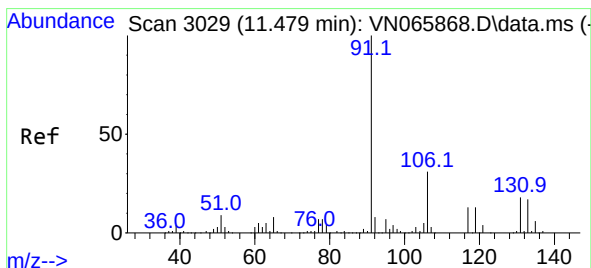
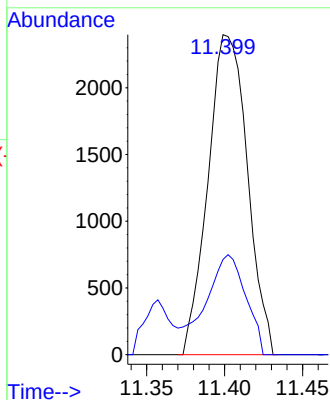
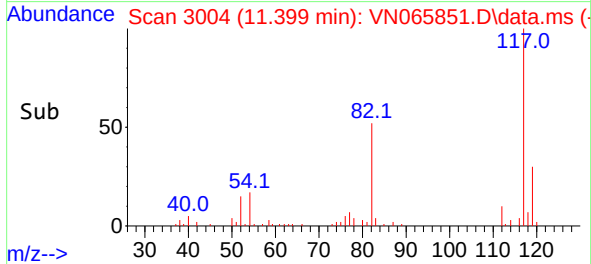
Instrument :
MSVOA_N
ClientSampleId :
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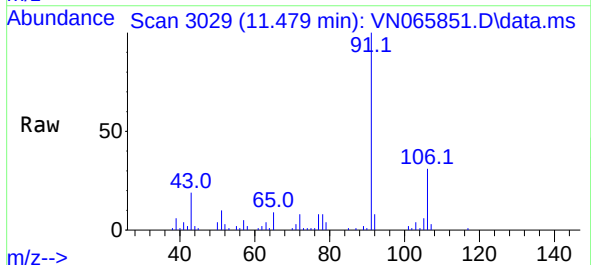
Tgt Ion:112 Resp: 4212
Ion Ratio Lower Upper
112 100
114 29.7 26.1 39.1

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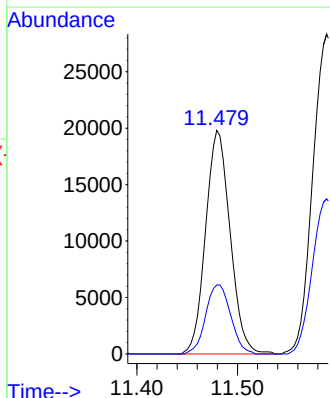
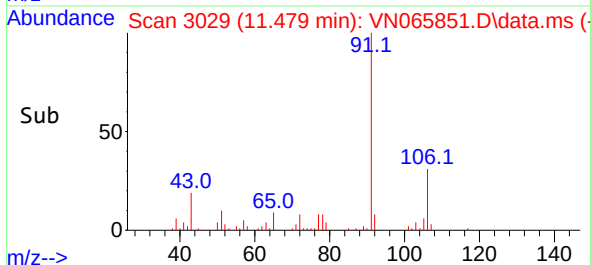
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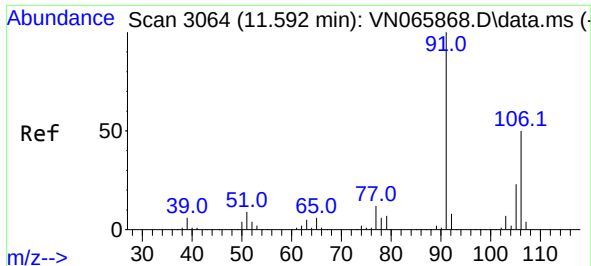


#67
Ethyl Benzene
Concen: 3.25 ug/l
RT: 11.479 min Scan# 3029
Delta R.T. 0.000 min
Lab File: VN065851.D
Acq: 12 Feb 2021 20:26



Tgt Ion: 91 Resp: 33575
Ion Ratio Lower Upper
91 100
106 30.8 25.5 38.3





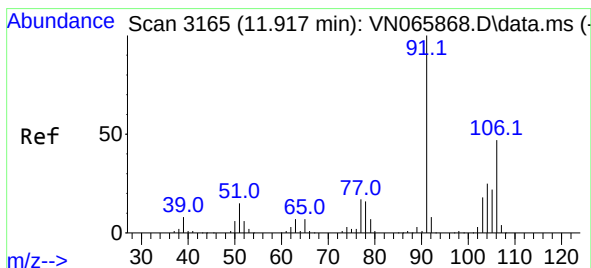
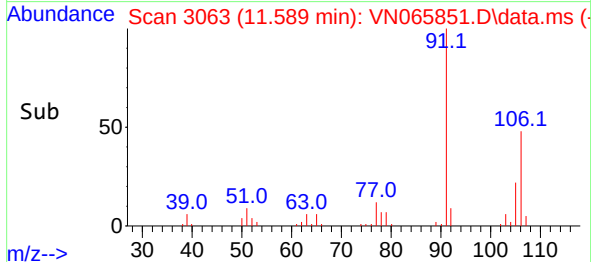
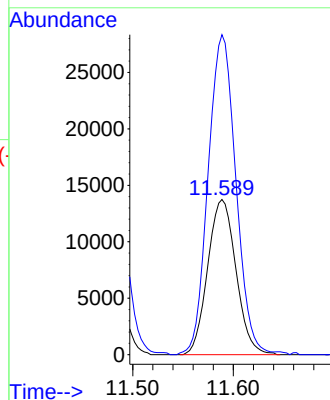
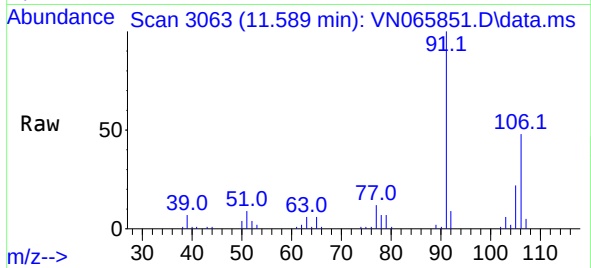
#68
m/p-Xylenes
Concen: 7.18 ug/l
RT: 11.589 min Scan# 3063
Delta R.T. -0.003 min
Lab File: VN065851.D
Acq: 12 Feb 2021 20:26

Tgt Ion:106 Resp: 26874
Ion Ratio Lower Upper
106 100
91 202.7 161.4 242.0

Instrument :
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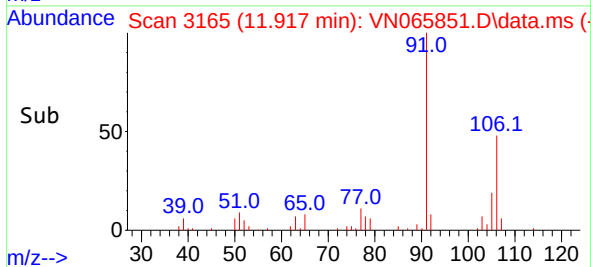
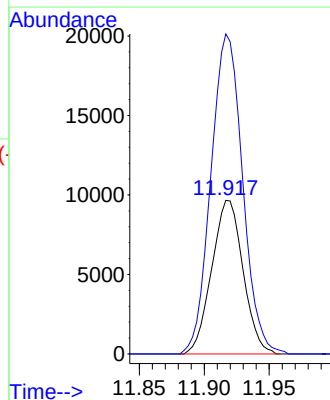
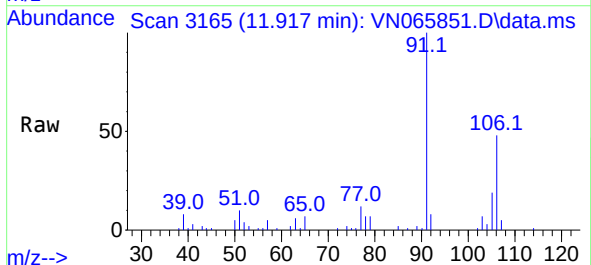
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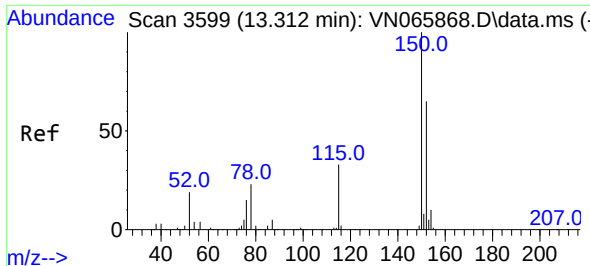
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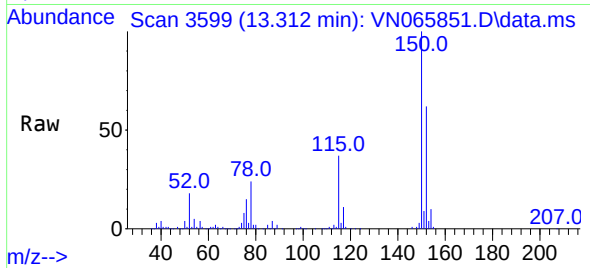
#69
o-Xylene
Concen: 4.46 ug/l
RT: 11.917 min Scan# 3165
Delta R.T. 0.001 min
Lab File: VN065851.D
Acq: 12 Feb 2021 20:26

Tgt Ion:106 Resp: 16189
Ion Ratio Lower Upper
106 100
91 210.9 106.8 320.4

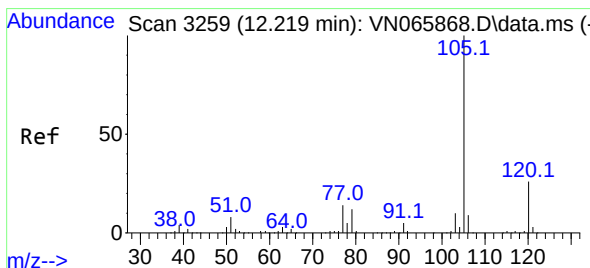
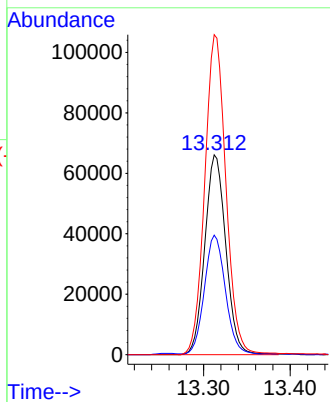
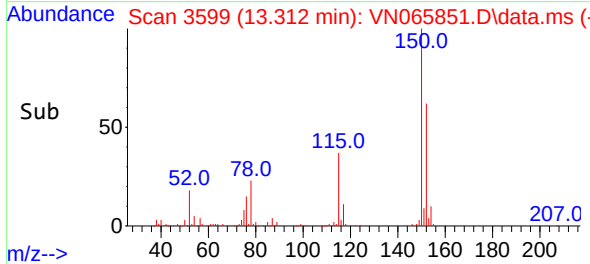




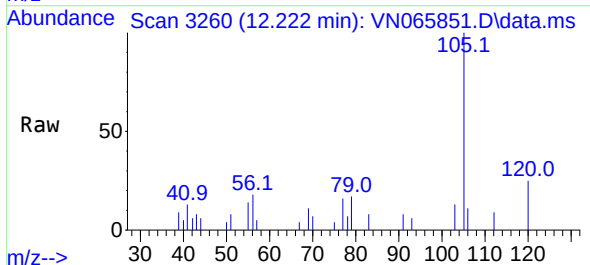
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.312 min Scan# 3599
Delta R.T. 0.000 min
Lab File: VN065851.D
Acq: 12 Feb 2021 20:26



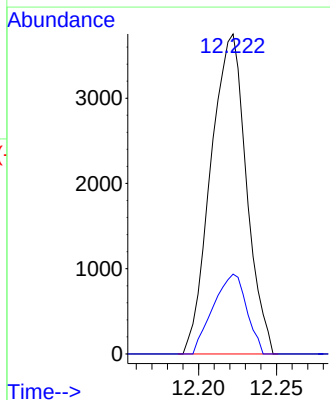
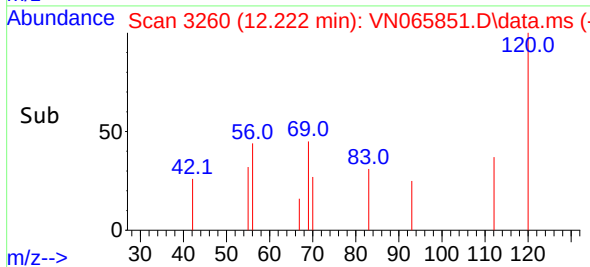
Tgt Ion:152 Resp: 111836
Ion Ratio Lower Upper
152 100
115 58.8 28.5 85.6
150 161.2 0.0 347.6



#73
Isopropylbenzene
Concen: 0.61 ug/l
RT: 12.222 min Scan# 3260
Delta R.T. 0.003 min
Lab File: VN065851.D
Acq: 12 Feb 2021 20:26



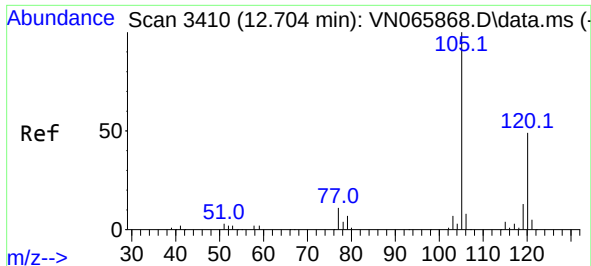
Tgt Ion:105 Resp: 5961
Ion Ratio Lower Upper
105 100
120 23.4 13.3 39.9



Instrument :
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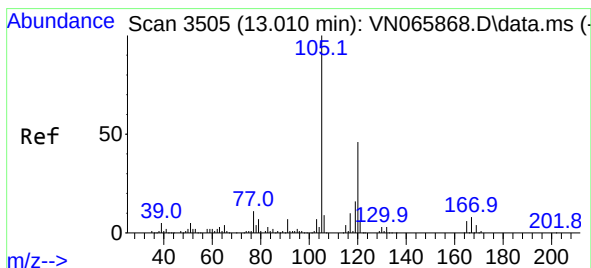
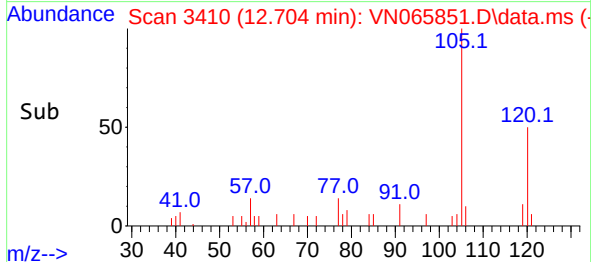
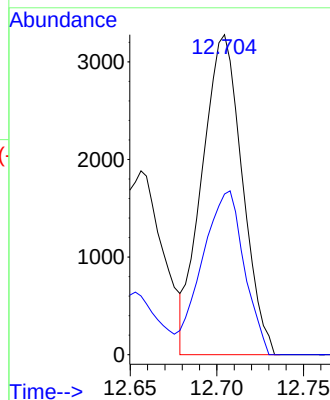
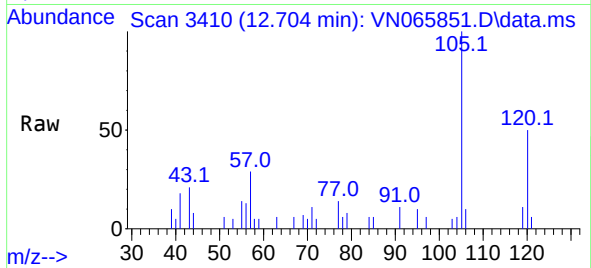
#80
1,3,5-Trimethylbenzene
Concen: 0.64 ug/l
RT: 12.704 min Scan# 3410
Delta R.T. 0.000 min
Lab File: VN065851.D
Acq: 12 Feb 2021 20:26

Tgt Ion:105 Resp: 5298
Ion Ratio Lower Upper
105 100
120 53.5 24.3 72.8

Instrument :
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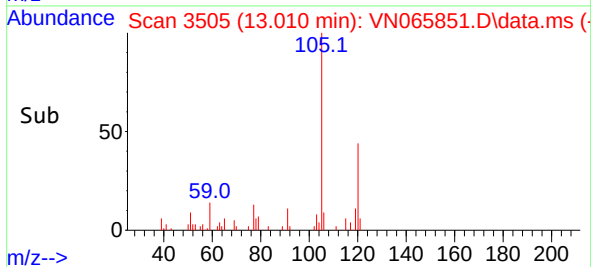
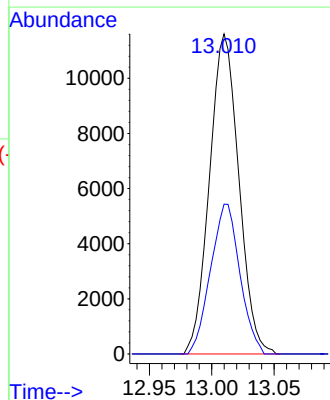
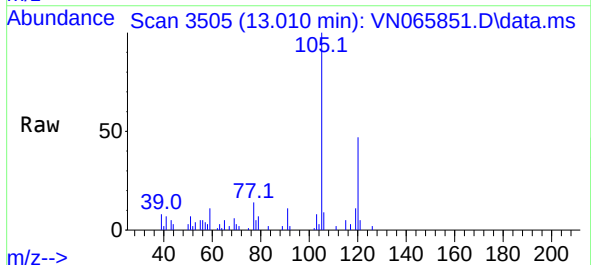
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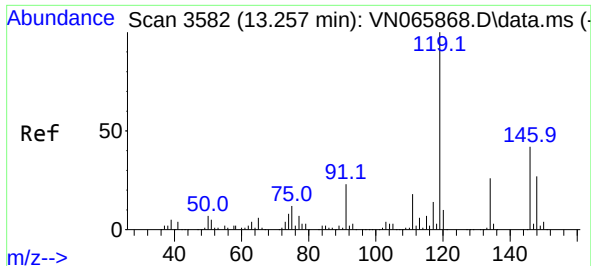
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#84
1,2,4-Trimethylbenzene
Concen: 2.29 ug/l
RT: 13.010 min Scan# 3505
Delta R.T. -0.000 min
Lab File: VN065851.D
Acq: 12 Feb 2021 20:26

Tgt Ion:105 Resp: 19022
Ion Ratio Lower Upper
105 100
120 46.7 22.4 67.0





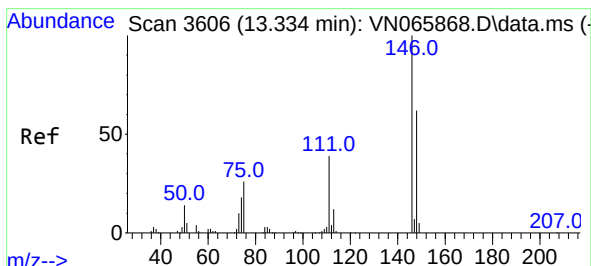
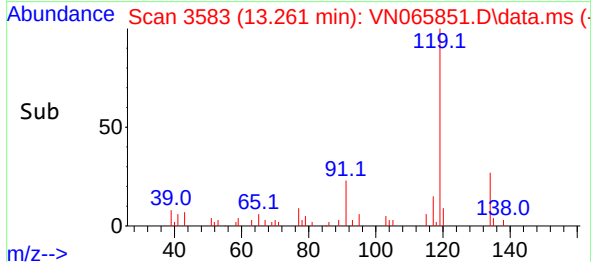
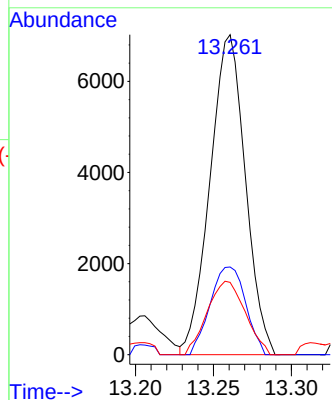
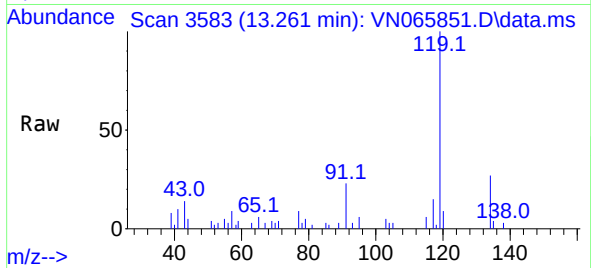
#86
p-Isopropyltoluene
Concen: 1.33 ug/l
RT: 13.261 min Scan# 3583
Delta R.T. 0.004 min
Lab File: VN065851.D
Acq: 12 Feb 2021 20:26

Tgt Ion:	119	Resp:	11058
Ion	Ratio	Lower	Upper
119	100		
134	27.5	13.3	39.8
91	24.7	11.8	35.3

Instrument :
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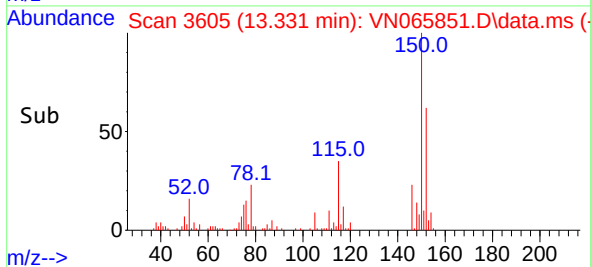
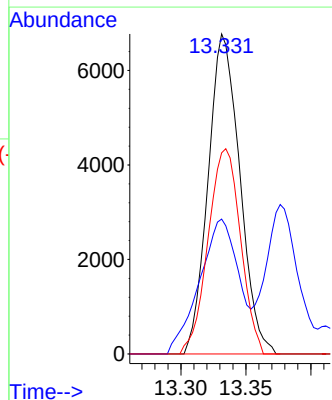
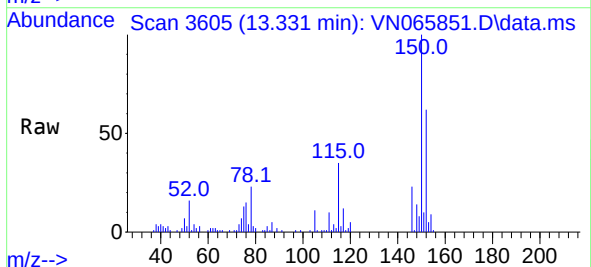
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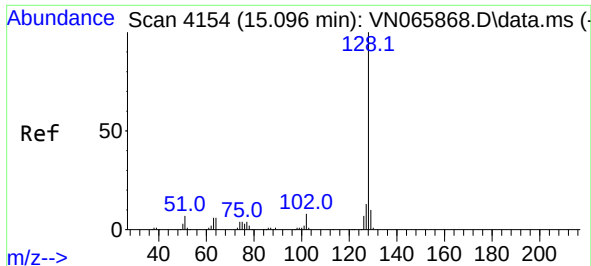
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#88
1,4-Dichlorobenzene
Concen: 3.00 ug/l
RT: 13.331 min Scan# 3605
Delta R.T. -0.003 min
Lab File: VN065851.D
Acq: 12 Feb 2021 20:26

Tgt Ion:	146	Resp:	11490
Ion	Ratio	Lower	Upper
146	100		
111	52.3	19.0	57.0
148	65.6	31.8	95.3





#95
Naphthalene
Concen: 21.11 ug/l
RT: 15.100 min Scan# 4155
Delta R.T. -0.000 min
Lab File: VN065851.D
Acq: 12 Feb 2021 20:26

Tgt Ion:128 Resp: 137457
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.2
129 10.6 8.6 13.0

Instrument :
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ClientSampleId :
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