

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121420\
 Data File : VN065100.D
 Acq On : 14 Dec 2020 15:09
 Operator : JC/MD
 Sample : L4992-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TRE-1130

Manual Integrations
 APPROVED

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 12/16/2020 1:41:01 PM

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Quant Time: Dec 15 05:49:15 2020
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121420W.M
 Quant Title : Sw846 8260
 QLast Update : Tue Dec 15 05:41:47 2020
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.624	168	251620	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	423182	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.380	117	432046	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	188512	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	161254	55.74	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery	=	111.48%	
35) Dibromofluoromethane	7.550	113	142514	48.45	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery	=	96.90%	
50) Toluene-d8	10.061	98	513336	49.35	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery	=	98.70%	
62) 4-Bromofluorobenzene	12.376	95	190754	53.25	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery	=	106.50%	
Target Compounds						Qvalue
11) Tert butyl alcohol	4.756	59	4794	15.55	ug/l #	80
16) Acetone	3.782	43	29692	27.56	ug/l	92
18) Methyl Acetate	4.296	43	5134m	2.20	ug/l	
25) 2-Butanone	6.795	43	5618m	4.07	ug/l	
30) Chloroform	7.328	83	1531m	0.32	ug/l	
40) Benzene	8.000	78	3708	0.31	ug/l	95
49) 1,4-Dioxane	9.177	88	4713	116.14	ug/l #	79

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

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Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

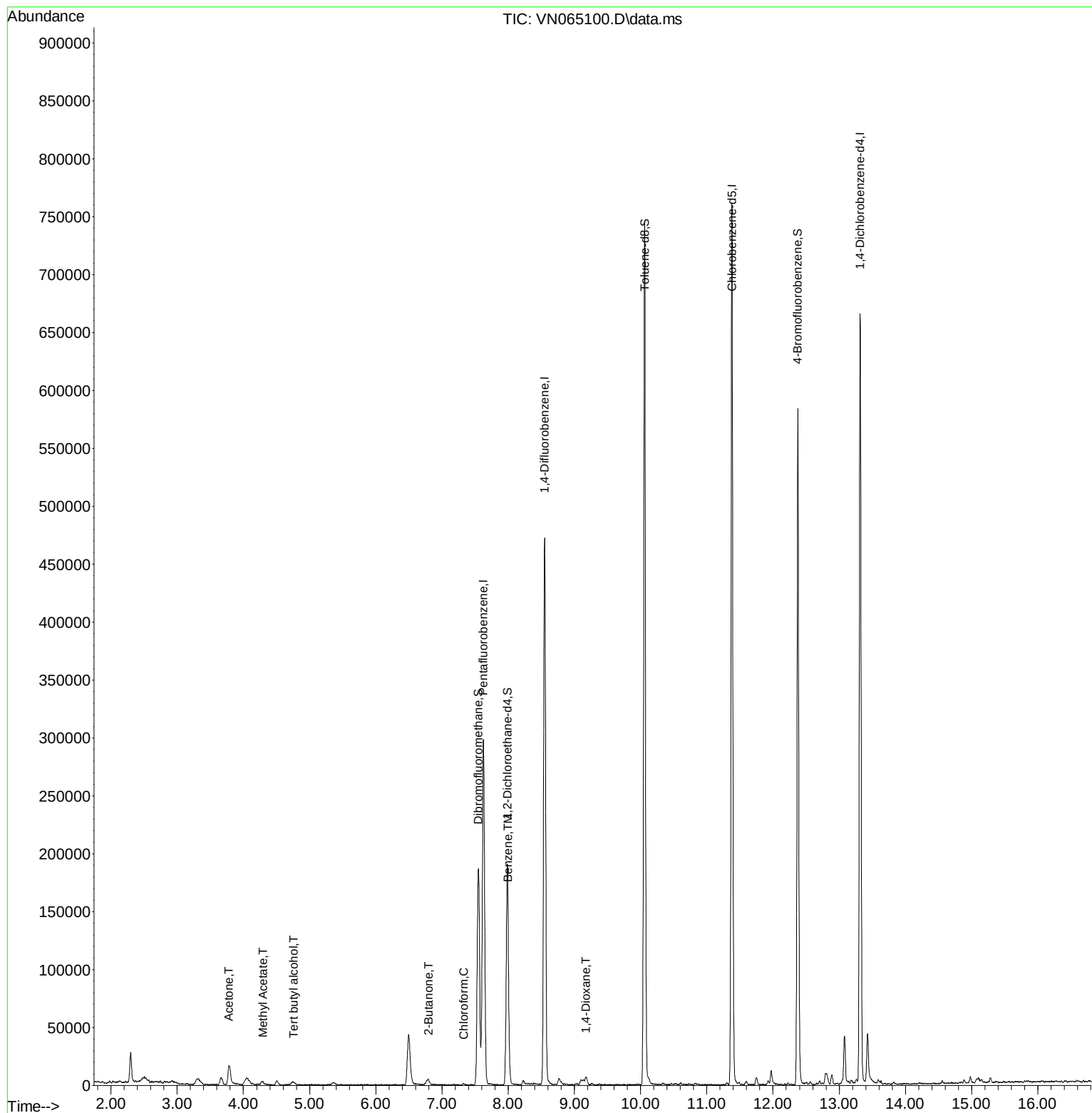
Instrument :
MSVOA_N
ClientSampleId :
TRE-1130

Manual Integrations
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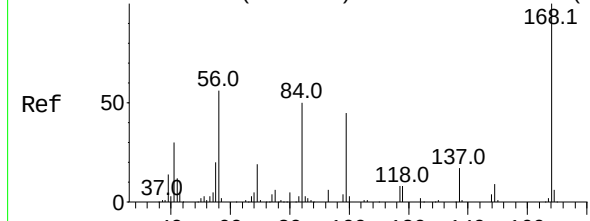
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Quant Time: Dec 15 05:49:15 2020
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121420W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 15 05:41:47 2020
Response via : Initial Calibration



Abundance Scan 1831 (7.627 min): VN065092.D\data.ms (-1831) (-)



Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.003 min
Lab File: VN065100.D
Acq: 14 Dec 2020 15:09

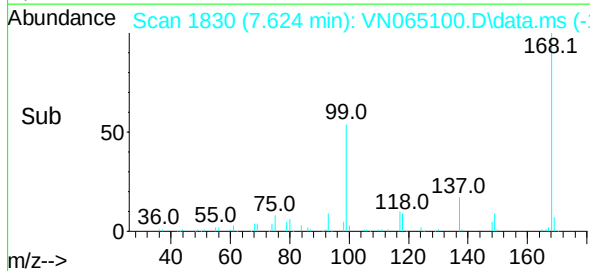
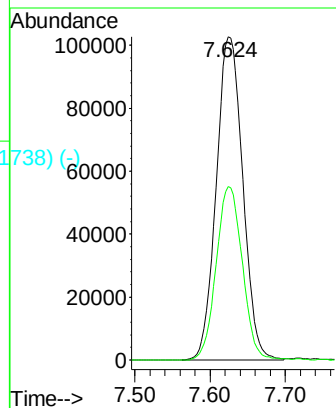
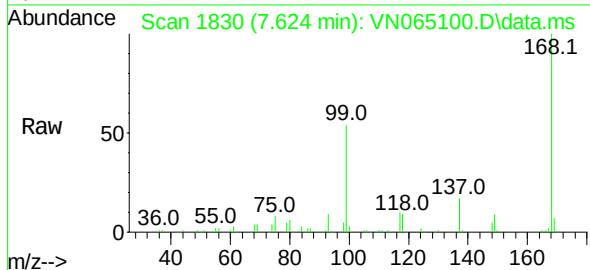
Tgt Ion: 168 Resp: 251620
Ion Ratio Lower Upper
168 100
99 53.6 43.0 64.4

Instrument :
MSVOA_N
ClientSampled :
TRE-1130

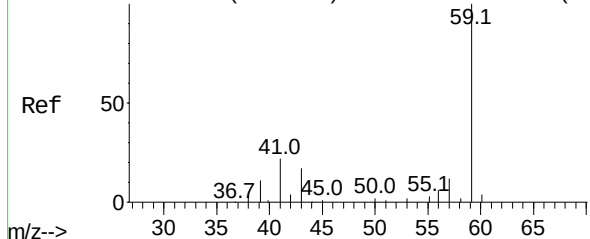
Manual Integrations
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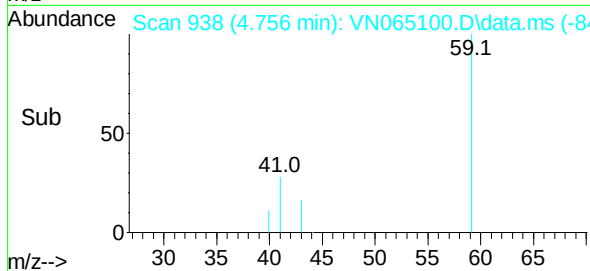
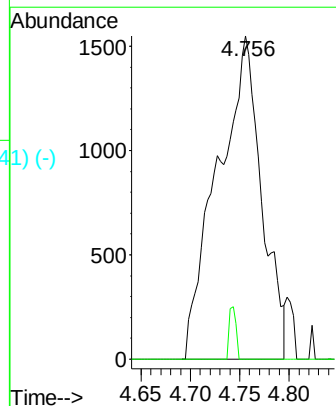
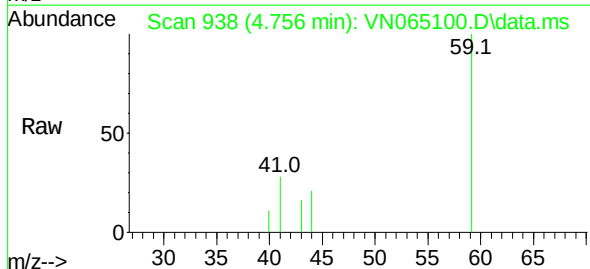


Abundance Scan 934 (4.743 min): VN065092.D\data.ms (-907) (-)

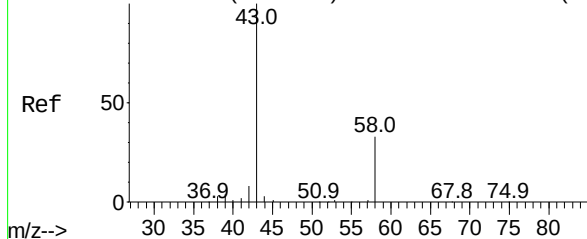


Tert butyl alcohol
Concen: 15.55 ug/l
RT: 4.756 min Scan# 938
Delta R.T. 0.013 min
Lab File: VN065100.D
Acq: 14 Dec 2020 15:09

Tgt Ion: 59 Resp: 4794
Ion Ratio Lower Upper
59 100
57 2.7 7.9 11.9#



Abundance Scan 634 (3.779 min): VN065092.D\data.ms (-606) #16



Acetone
Concen: 27.56 ug/l
RT: 3.782 min Scan# 635
Delta R.T. 0.003 min
Lab File: VN065100.D
Acq: 14 Dec 2020 15:09

Tgt Ion: 43 Resp: 29692
Ion Ratio Lower Upper
43 100
58 27.4 25.7 38.5

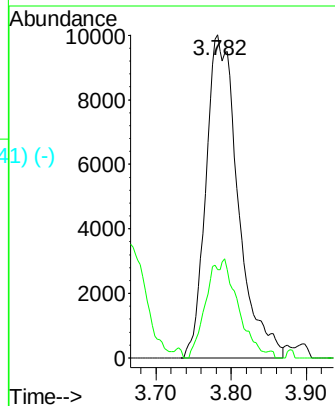
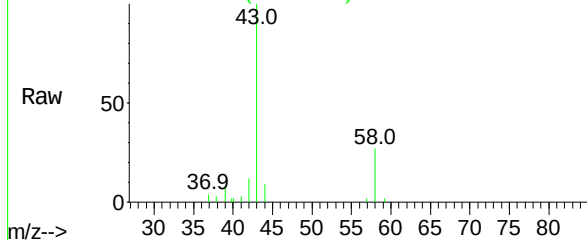
Instrument :
MSVOA_N
ClientSampled :
TRE-1130

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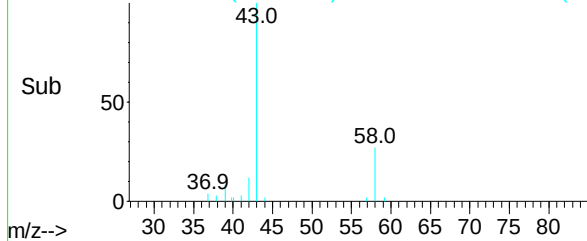
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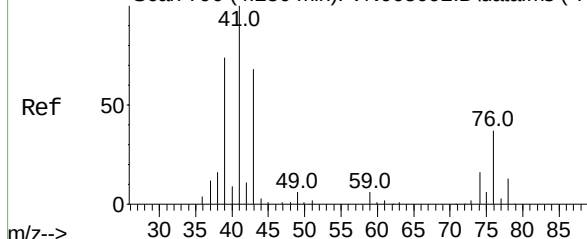
Abundance Scan 635 (3.782 min): VN065100.D\data.ms



Abundance Scan 635 (3.782 min): VN065100.D\data.ms (-541) (-)



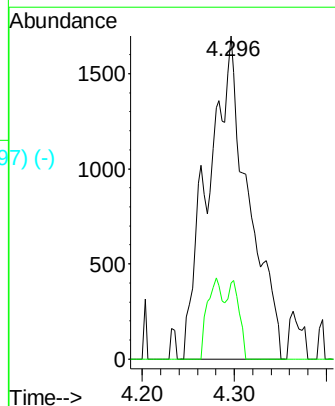
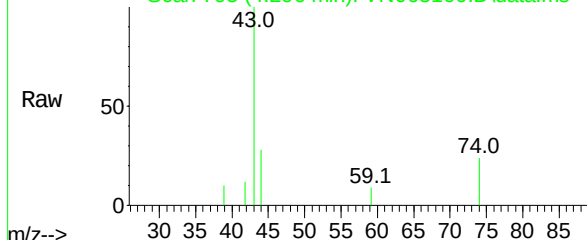
Abundance Scan 790 (4.280 min): VN065092.D\data.ms (-772) #18



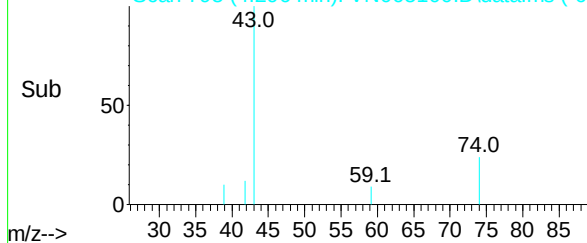
Methyl Acetate
Concen: 2.20 ug/l m
RT: 4.296 min Scan# 795
Delta R.T. 0.016 min
Lab File: VN065100.D
Acq: 14 Dec 2020 15:09

Tgt Ion: 43 Resp: 5134
Ion Ratio Lower Upper
43 100
74 9.9 20.2 30.2#

Abundance Scan 795 (4.296 min): VN065100.D\data.ms



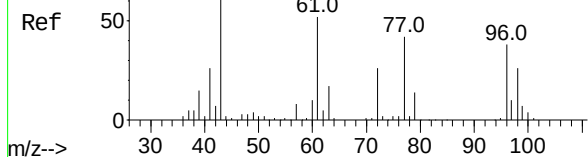
Abundance Scan 795 (4.296 min): VN065100.D\data.ms (-697) (-)



Abundance Scan 1570 (6.788 min): VN065092.D\data.ms (-15425-)

2-Butanone
Concen: 4.07 ug/l m
RT: 6.795 min Scan# 1572
Delta R.T. 0.006 min
Lab File: VN065100.D
Acq: 14 Dec 2020 15:09

Instrument :
MSVOA_N
ClientSampled :
TRE-1130

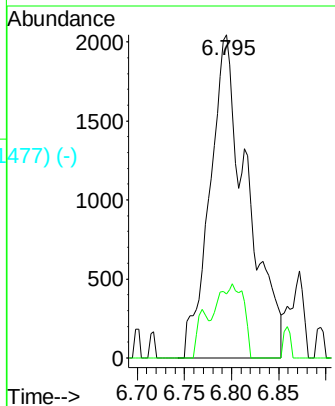
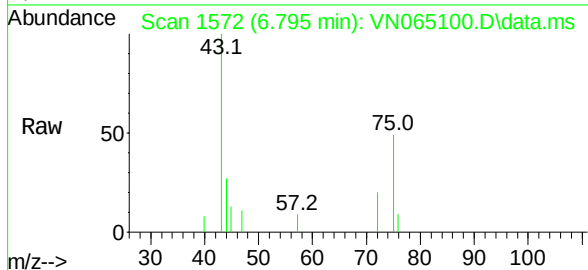


Tgt Ion: 43 Resp: 5618
Ion Ratio Lower Upper
43 100
72 19.8 21.0 31.6#

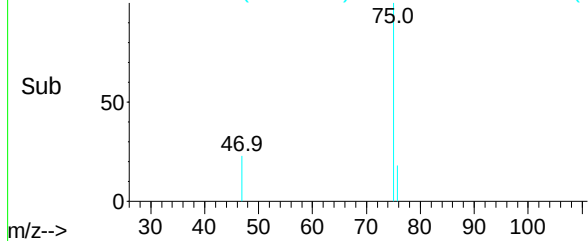
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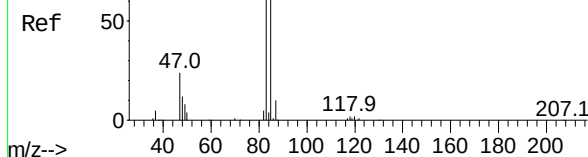


Abundance Scan 1572 (6.795 min): VN065100.D\data.ms (-1477-)

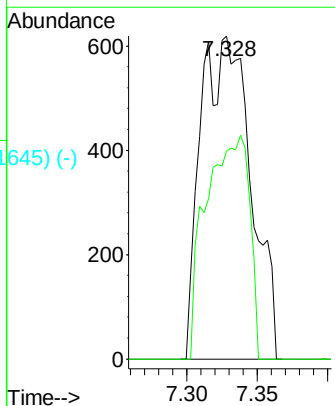
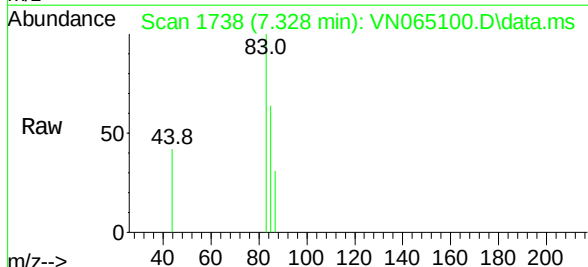


Abundance Scan 1738 (7.328 min): VN065092.D\data.ms (-17130-)

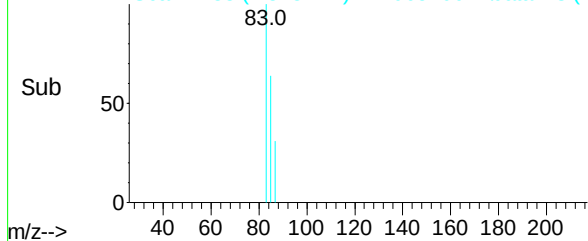
Chloroform
Concen: 0.32 ug/l m
RT: 7.328 min Scan# 1738
Delta R.T. 0.000 min
Lab File: VN065100.D
Acq: 14 Dec 2020 15:09



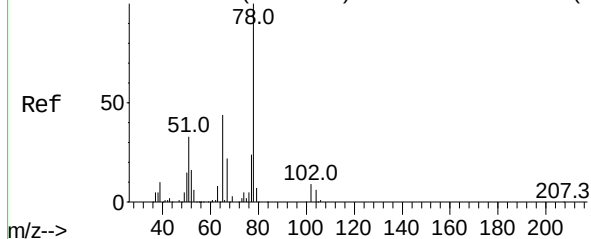
Tgt Ion: 83 Resp: 1531
Ion Ratio Lower Upper
83 100
85 64.3 52.6 78.8



Abundance Scan 1738 (7.328 min): VN065100.D\data.ms (-1645-)



Abundance Scan 1943 (7.987 min): VN065092.D\data.ms (-1923) (-)



1,2-Dichloroethane-d4
Concen: 55.74 ug/l
RT: 7.987 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN065100.D
Acq: 14 Dec 2020 15:09

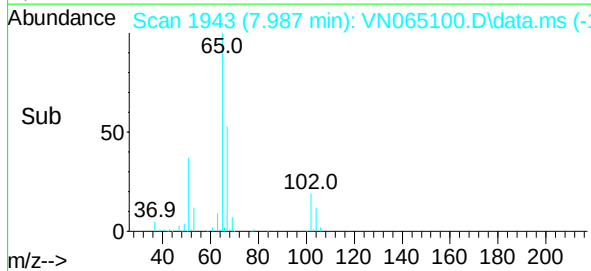
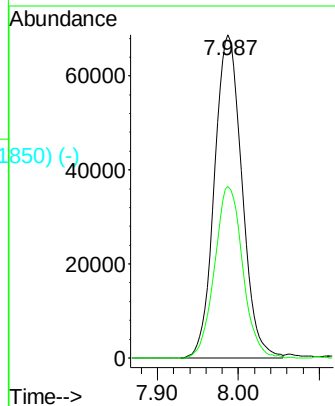
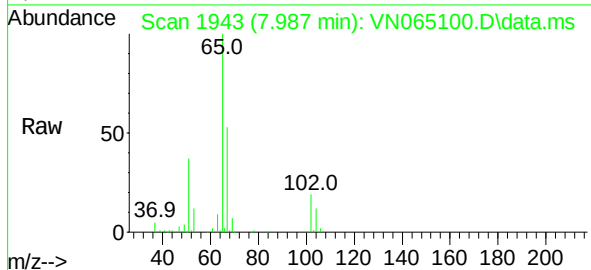
Tgt Ion: 65 Resp: 161254
Ion Ratio Lower Upper
65 100
67 54.2 0.0 108.2

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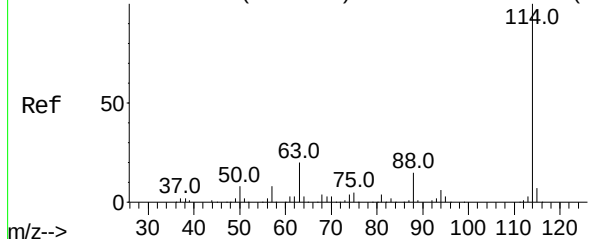
Manual Integrations
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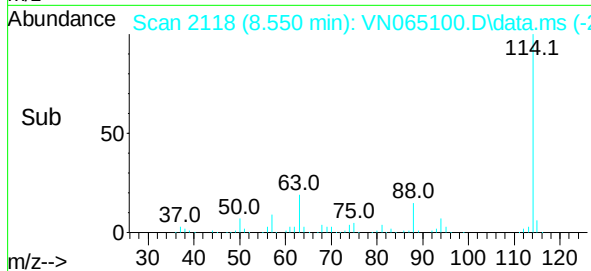
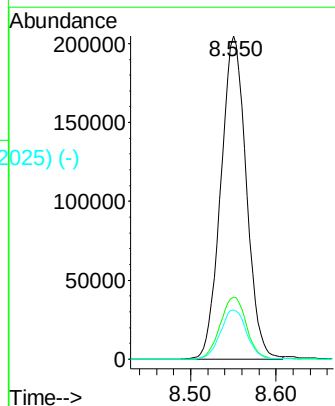
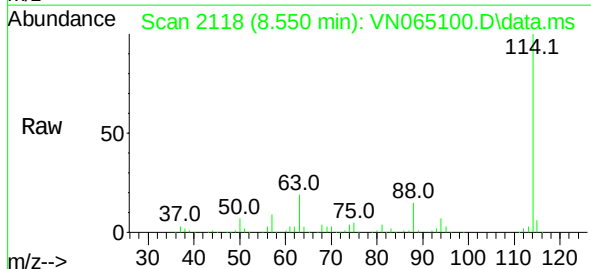


Abundance Scan 2118 (8.550 min): VN065092.D\data.ms (-2109) (-)

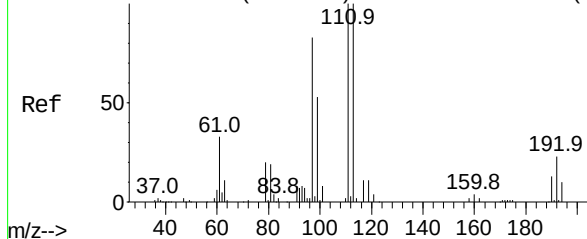


1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. 0.000 min
Lab File: VN065100.D
Acq: 14 Dec 2020 15:09

Tgt Ion:114 Resp: 423182
Ion Ratio Lower Upper
114 100
63 19.3 0.0 38.6
88 15.1 0.0 32.6



Abundance Scan 1807 (7.550 min): VN065092.D\data.ms (-1785)



Dibromofluoromethane
Concen: 48.45 ug/l
RT: 7.550 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN065100.D
Acq: 14 Dec 2020 15:09

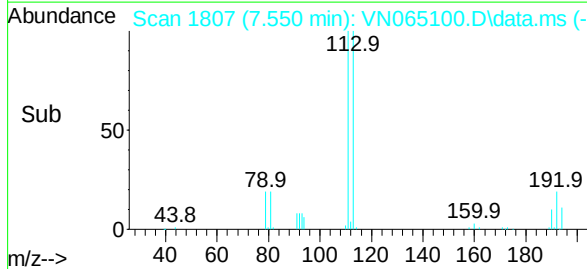
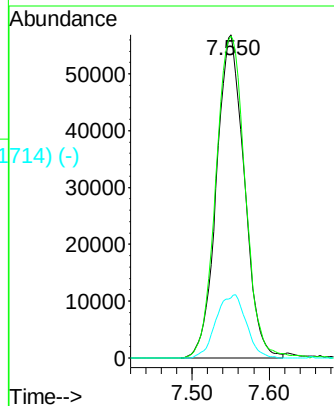
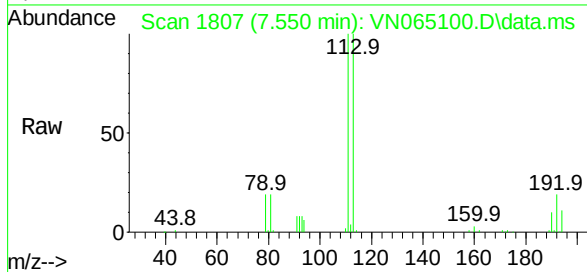
Tgt Ion: 113 Resp: 142514
Ion Ratio Lower Upper
113 100
111 104.8 81.6 122.4
192 21.2 16.2 24.2

Instrument :
MSVOA_N
ClientSampled :
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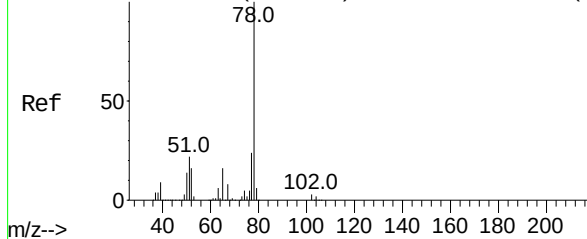
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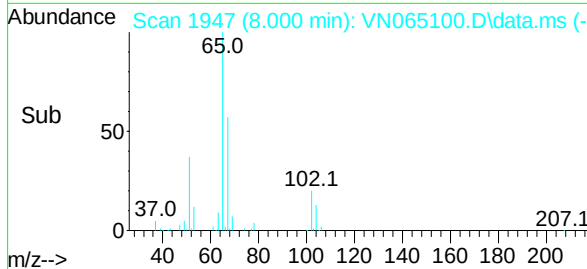
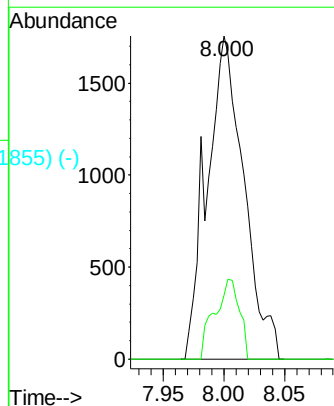
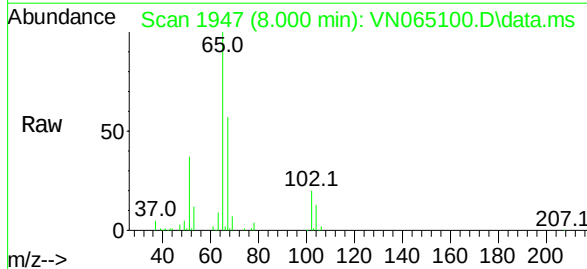


Abundance Scan 1948 (8.004 min): VN065092.D\data.ms (-1780)

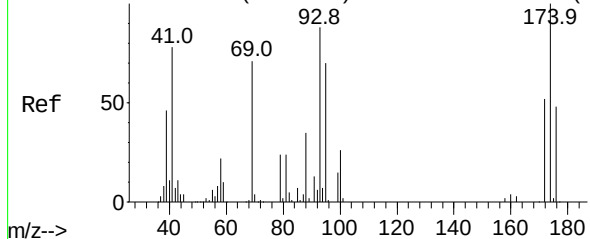


Benzene
Concen: 0.31 ug/l
RT: 8.000 min Scan# 1947
Delta R.T. -0.004 min
Lab File: VN065100.D
Acq: 14 Dec 2020 15:09

Tgt Ion: 78 Resp: 3708
Ion Ratio Lower Upper
78 100
77 19.8 17.9 26.9

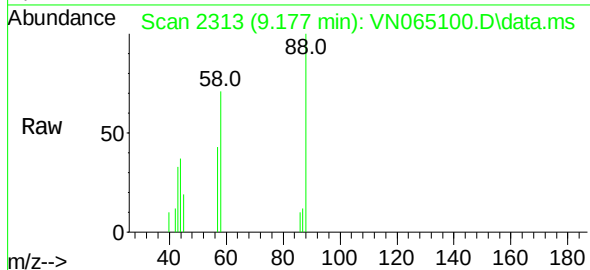


Abundance Scan 2313 (9.177 min): VN065092.D\data.ms (-2299) (-)



1,4-Dioxane
Concen: 116.14 ug/l
RT: 9.177 min Scan# 2313
Delta R.T. 0.000 min
Lab File: VN065100.D
Acq: 14 Dec 2020 15:09

Instrument :
MSVOA_N
ClientSampled :
TRE-1130

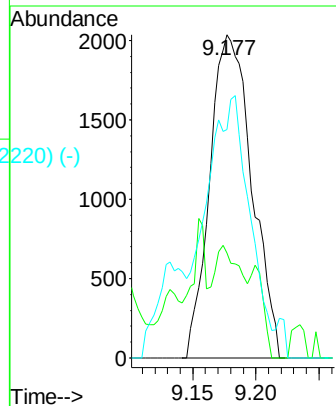


Tgt Ion:	88	Resp:	4713
Ion	Ratio	Lower	Upper
88	100		
43	5.9	24.2	36.4#
58	73.8	52.5	78.7

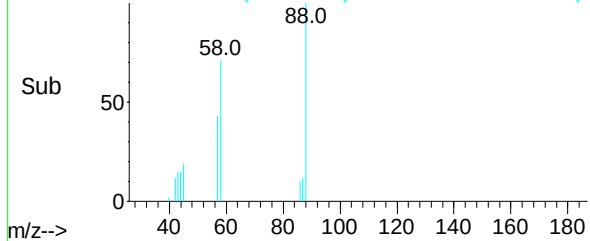
Manual Integrations
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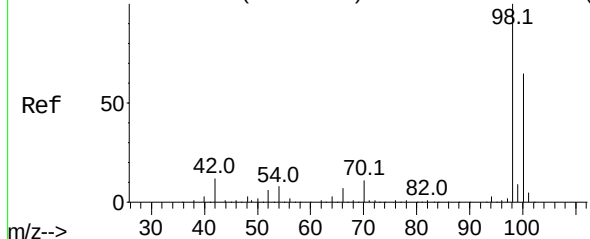
12/16/2020 1:41:01 PM



Abundance Scan 2313 (9.177 min): VN065100.D\data.ms (-2220) (-)

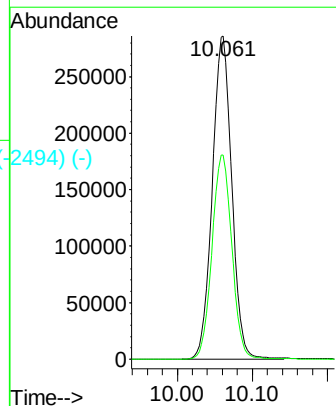
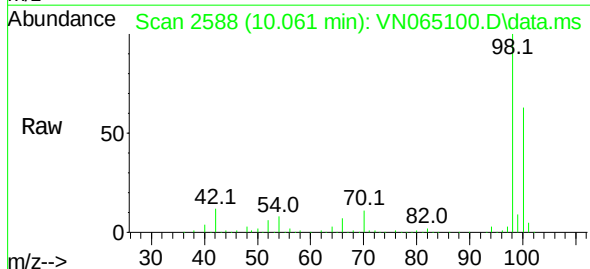


Abundance Scan 2587 (10.058 min): VN065092.D\data.ms (-2550) (-)

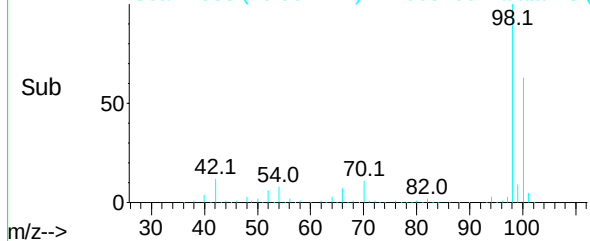


Toluene-d8
Concen: 49.35 ug/l
RT: 10.061 min Scan# 2588
Delta R.T. 0.003 min
Lab File: VN065100.D
Acq: 14 Dec 2020 15:09

Tgt Ion:	98	Resp:	513336
Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.7	77.5



Abundance Scan 2588 (10.061 min): VN065100.D\data.ms (-2494) (-)



Abundance Scan 3307 (12.373 min): VN065092.D\data.ms (-3254) (-)

4-Bromofluorobenzene
Concen: 53.25 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.003 min
Lab File: VN065100.D
Acq: 14 Dec 2020 15:09

Instrument :
MSVOA_N
ClientSampled :
TRE-1130

Ref 50 0 50.0 95.0 174.0 140.9 281.0

Tgt Ion: 95 Resp: 190754
Ion Ratio Lower Upper
95 100
174 89.9 0.0 160.4
176 88.7 0.0 158.4

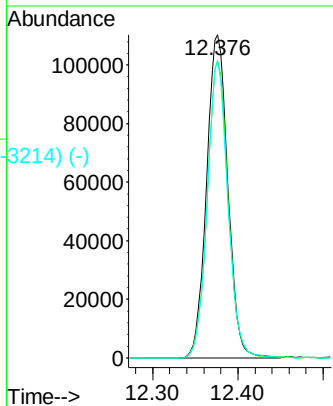
Manual Integrations
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12/16/2020 1:41:01 PM

Abundance Scan 3308 (12.376 min): VN065100.D\data.ms

Raw 50 0 50.0 95.0 176.0 143.0



m/z-->

Abundance Scan 3308 (12.376 min): VN065100.D\data.ms (-3214) (-)

Sub 50 0 50.0 95.0 176.0 143.0

m/z-->

Abundance Scan 2998 (11.380 min): VN065092.D\data.ms (-2963) (-)

Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.380 min Scan# 2998
Delta R.T. -0.000 min
Lab File: VN065100.D
Acq: 14 Dec 2020 15:09

Tgt Ion:117 Resp: 432046
Ion Ratio Lower Upper
117 100
82 54.5 44.2 66.2
119 32.1 25.8 38.6

Ref 50 0 54.0 82.1 117.1

m/z-->

Abundance Scan 2998 (11.380 min): VN065100.D\data.ms

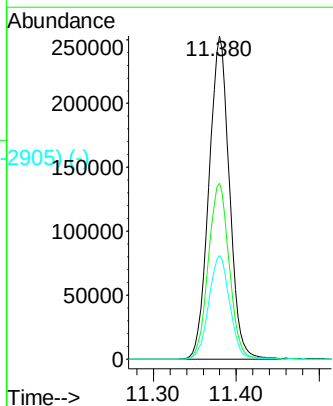
Raw 50 0 54.0 82.1 117.1 207.2

m/z-->

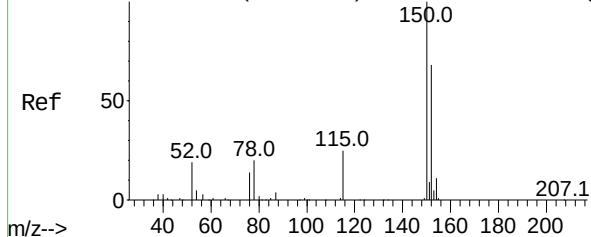
Abundance Scan 2998 (11.380 min): VN065100.D\data.ms (-2905) (-)

Sub 50 0 54.0 82.1 117.1 207.2

m/z-->



Abundance Scan 3600 (13.315 min): VN065092.D\data.ms (-3507) (-)



1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.315 min Scan# 3600
Delta R.T. 0.000 min
Lab File: VN065100.D
Acq: 14 Dec 2020 15:09

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.1	29.7	89.1
150	156.1	0.0	350.6

Instrument :
MSVOA_N
ClientSampleId :
TRE-1130

Manual Integrations
APPROVED

MMDadoda
12/16/2020 1:41:01 PM

12/16/2020 1:41:01 PM

