

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010721\
 Data File : VN065423.D
 Acq On : 7 Jan 2021 13:36
 Operator : JC/MD
 Sample : M1037-02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 GWBR2-63-68-010621-FD

Manual Integrations
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Quant Time: Jan 08 01:16:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122220W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 22 15:42:18 2020
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.631	168	255727	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.553	114	431357	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.380	117	452722	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.318	152	176166	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.991	65	145737	50.48	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 100.96%			
35) Dibromofluoromethane	7.553	113	132201	50.80	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 101.60%			
50) Toluene-d8	10.061	98	534816	54.83	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 109.66%			
62) 4-Bromofluorobenzene	12.376	95	198753	51.37	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 102.74%			
Target Compounds					Qvalue	
4) Vinyl Chloride	2.181	62	45372	16.19	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.721	101	3969	1.69	ug/l	97
12) 1,1-Dichloroethene	3.714	96	1067m	0.42	ug/l	
21) trans-1,2-Dichloroethene	5.000	96	1217	0.49	ug/l #	81
24) 1,1-Dichloroethane	5.807	63	35238	7.79	ug/l	98
27) cis-1,2-Dichloroethene	6.788	96	373610	130.18	ug/l	89
30) Chloroform	7.335	83	37004	7.95	ug/l	96
32) 1,1,1-Trichloroethane	7.531	97	9090	2.16	ug/l	97
40) Benzene	8.004	78	5323	0.46	ug/l	98
44) Trichloroethene	8.804	130	3347	0.99	ug/l	98
47) Bromodichloromethane	9.373	83	4691	1.08	ug/l	94
52) Toluene	10.122	92	4285	0.58	ug/l	100
64) Tetrachloroethene	10.602	164	31715	7.21	ug/l	95
65) Chlorobenzene	11.405	112	1912	0.21	ug/l	96
67) Ethyl Benzene	11.483	91	4121	0.25	ug/l	93
68) m/p-Xylenes	11.592	106	3397	0.54	ug/l	93
69) o-Xylene	11.923	106	1917	0.32	ug/l	91
84) 1,2,4-Trimethylbenzene	13.016	105	3470	0.31	ug/l	99
95) Naphthalene	15.109	128	6638	4.05	ug/l	95

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

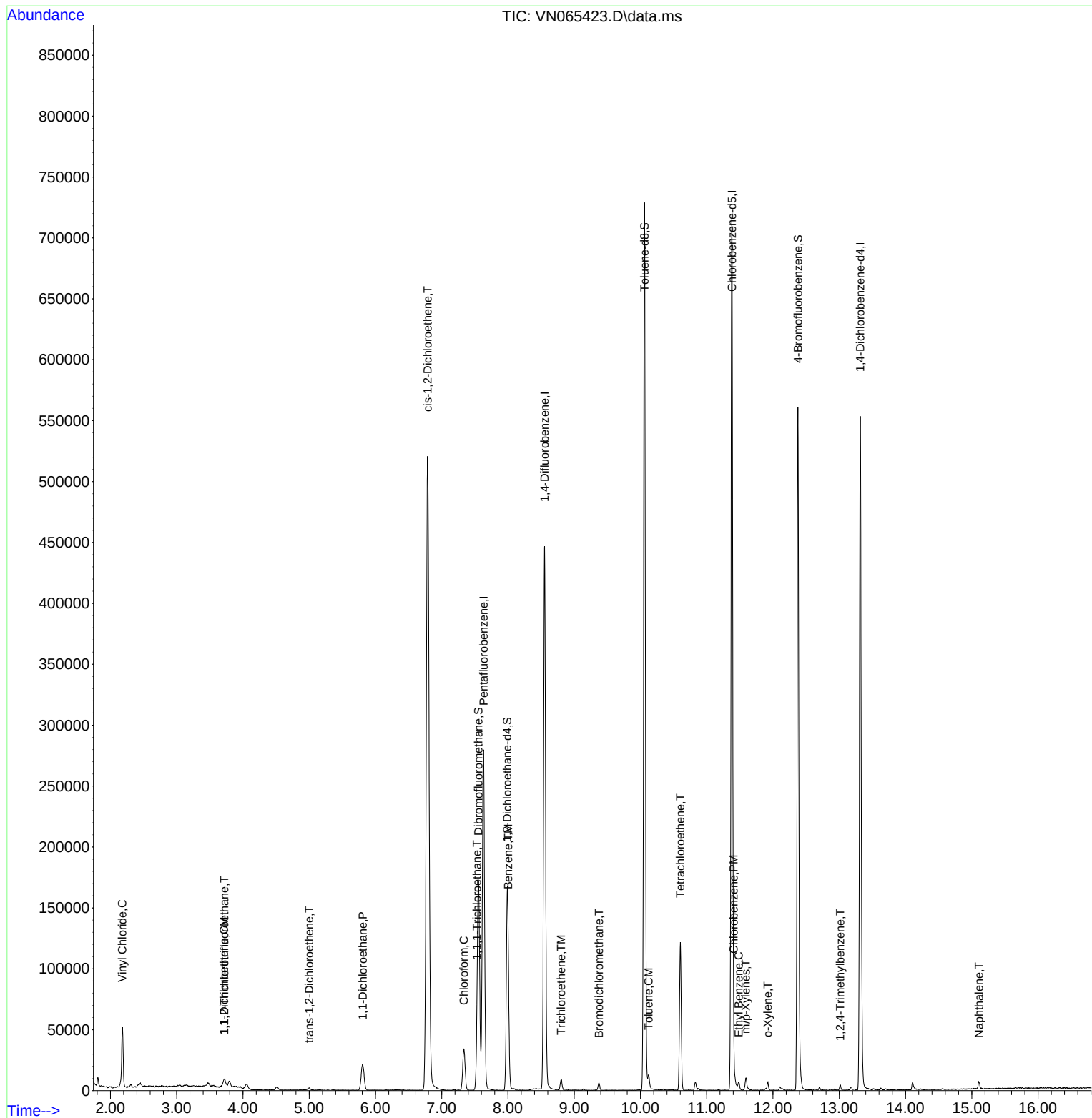
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010721\
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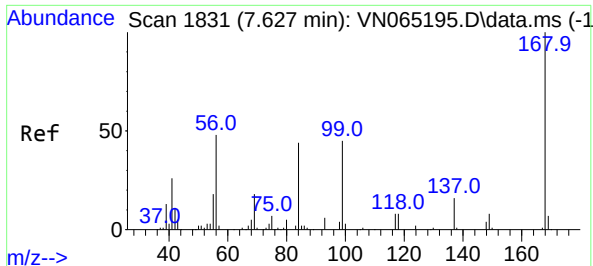
Instrument :
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GWBR2-63-68-010621-FD

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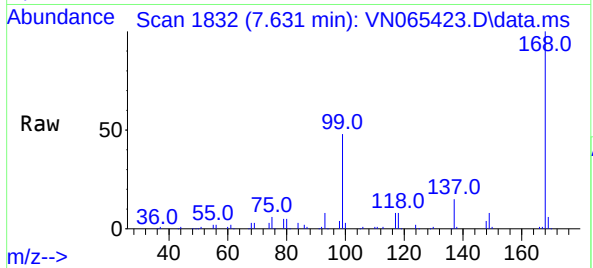
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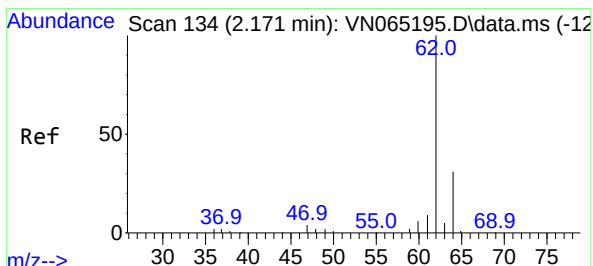
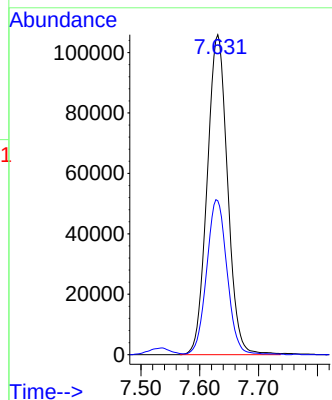
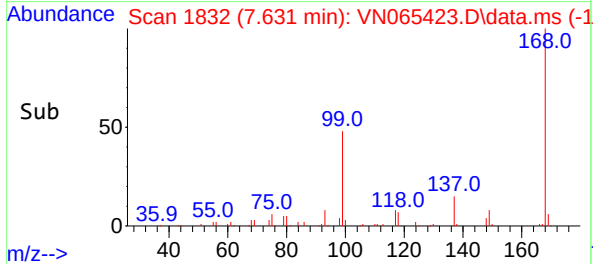




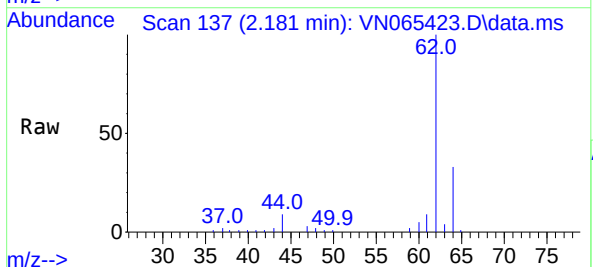
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.631 min Scan# 1832
Delta R.T. 0.004 min
Lab File: VN065423.D
Acq: 7 Jan 2021 13:36



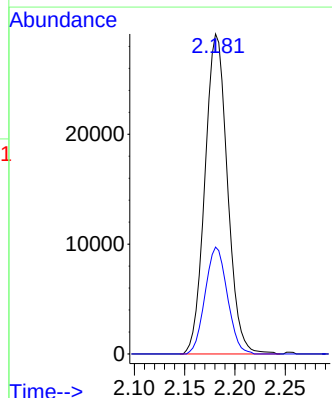
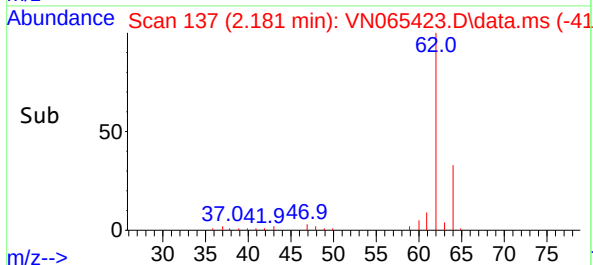
Tgt Ion:168 Resp: 255727
Ion Ratio Lower Upper
168 100
99 47.9 43.0 64.4



#4
Vinyl Chloride
Concen: 16.19 ug/l
RT: 2.181 min Scan# 137
Delta R.T. 0.010 min
Lab File: VN065423.D
Acq: 7 Jan 2021 13:36



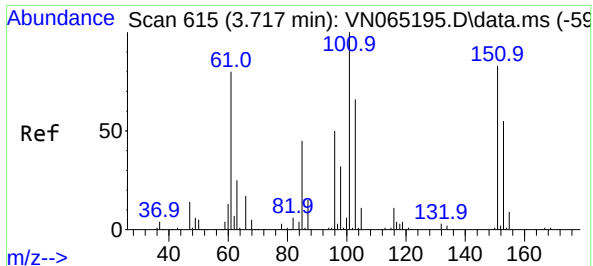
Tgt Ion: 62 Resp: 45372
Ion Ratio Lower Upper
62 100
64 33.4 26.5 39.7



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GWBR2-63-68-010621-FD

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1/8/2021 11:02:57 AM



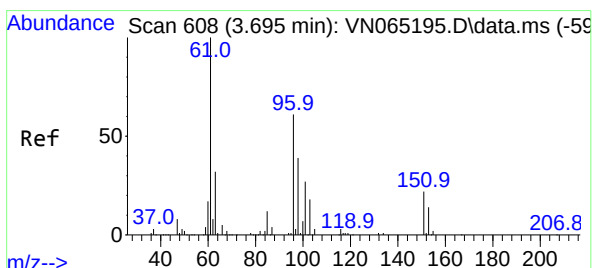
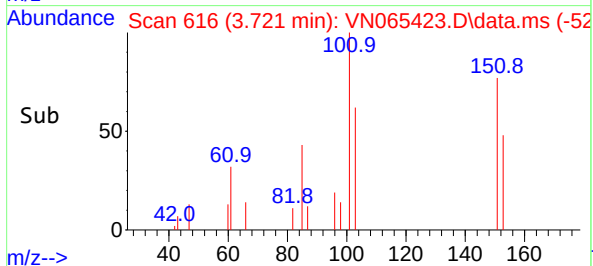
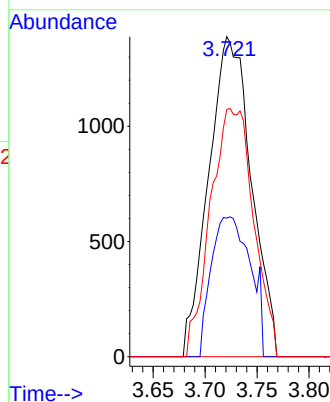
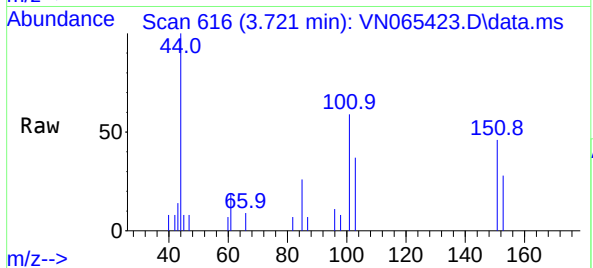
#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.69 ug/l
RT: 3.721 min Scan# 616
Delta R.T. 0.004 min
Lab File: VN065423.D
Acq: 7 Jan 2021 13:36

Tgt Ion:	101	Resp:	3969
Ion	Ratio	Lower	Upper
101	100		
85	39.9	34.4	51.6
151	78.2	64.0	96.0

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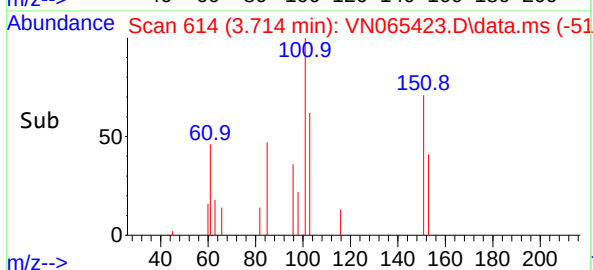
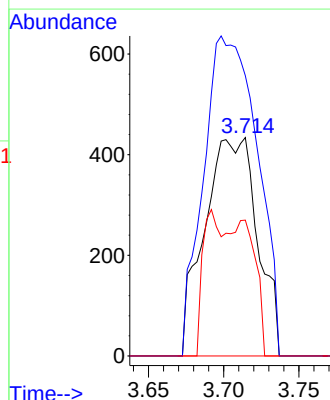
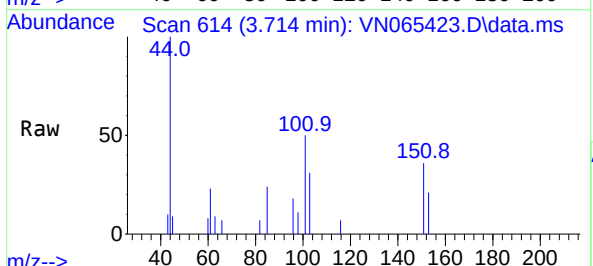
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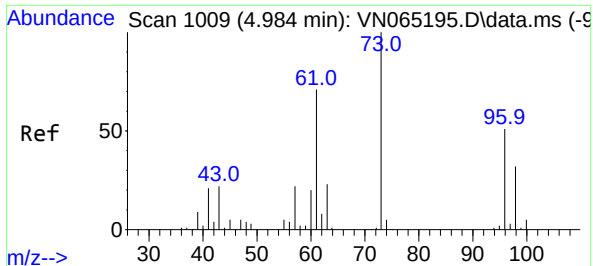
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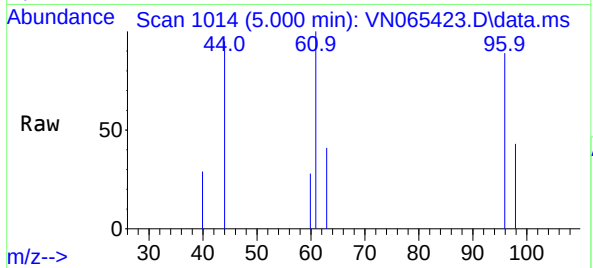
#12
1,1-Dichloroethene
Concen: 0.42 ug/l m
RT: 3.714 min Scan# 614
Delta R.T. 0.019 min
Lab File: VN065423.D
Acq: 7 Jan 2021 13:36

Tgt Ion:	96	Resp:	1067
Ion	Ratio	Lower	Upper
96	100		
61	128.3	123.4	185.2
98	62.2	49.8	74.8

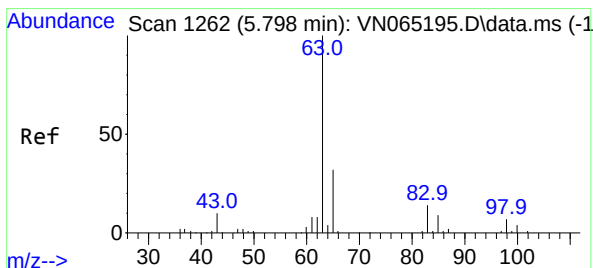
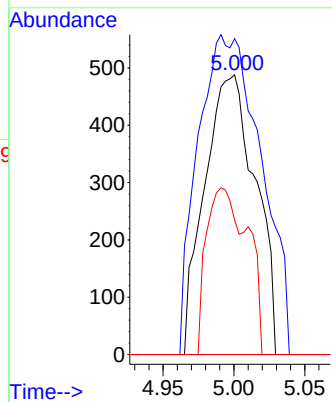
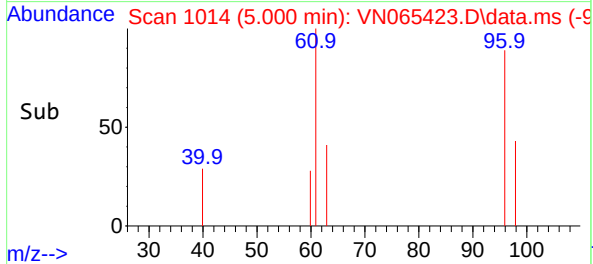




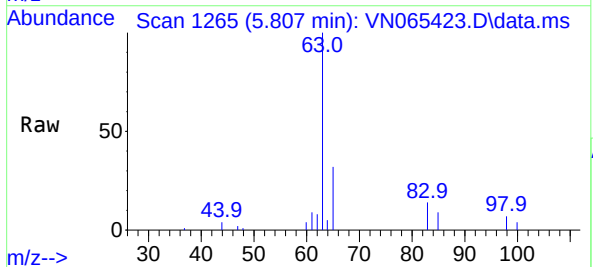
#21
trans-1,2-Dichloroethene
Concen: 0.49 ug/l
RT: 5.000 min Scan# 1014
Delta R.T. 0.016 min
Lab File: VN065423.D
Acq: 7 Jan 2021 13:36



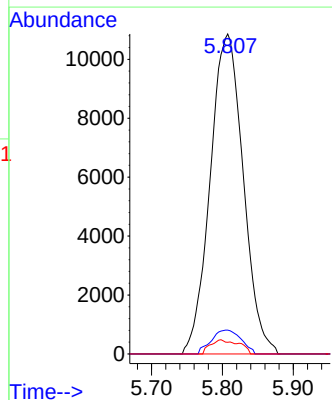
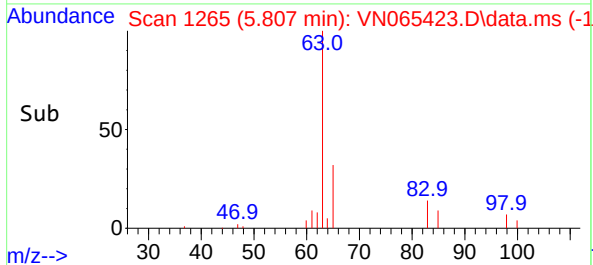
Tgt Ion: 96 Resp: 1217
Ion Ratio Lower Upper
96 100
61 112.9 108.4 162.6
98 48.2 51.3 76.9#



#24
1,1-Dichloroethane
Concen: 7.79 ug/l
RT: 5.807 min Scan# 1265
Delta R.T. 0.009 min
Lab File: VN065423.D
Acq: 7 Jan 2021 13:36



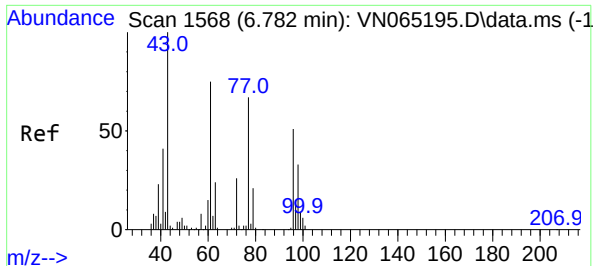
Tgt Ion: 63 Resp: 35238
Ion Ratio Lower Upper
63 100
98 7.4 3.5 10.5
100 3.7 2.3 6.8



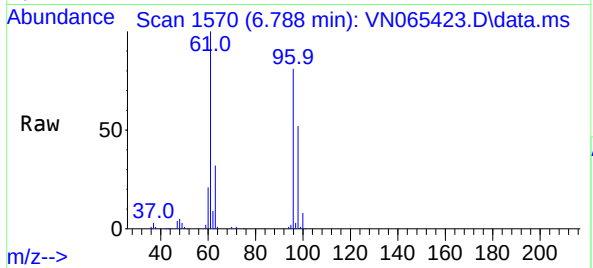
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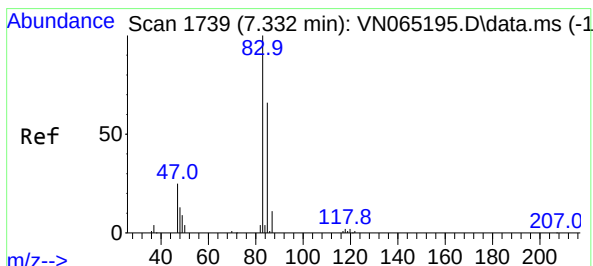
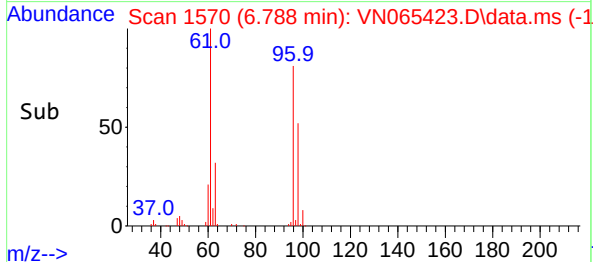
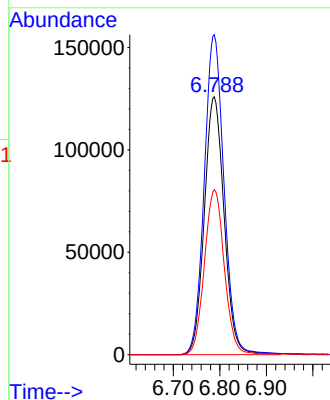
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#27
cis-1,2-Dichloroethene
Concen: 130.18 ug/l
RT: 6.788 min Scan# 1570
Delta R.T. 0.006 min
Lab File: VN065423.D
Acq: 7 Jan 2021 13:36

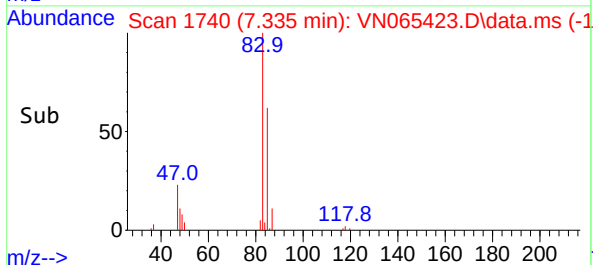
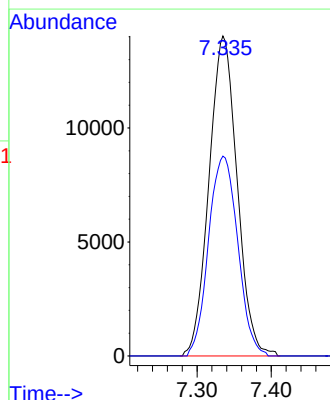
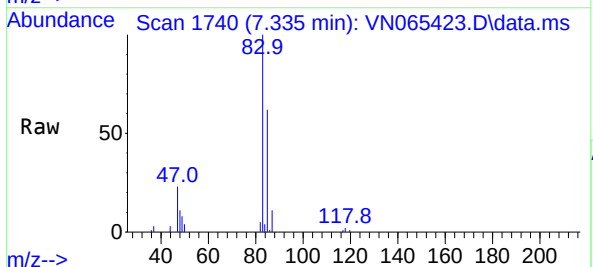


Tgt Ion: 96 Resp: 373610
Ion Ratio Lower Upper
96 100
61 123.9 0.0 285.8
98 64.1 0.0 130.6



#30
Chloroform
Concen: 7.95 ug/l
RT: 7.335 min Scan# 1740
Delta R.T. 0.003 min
Lab File: VN065423.D
Acq: 7 Jan 2021 13:36

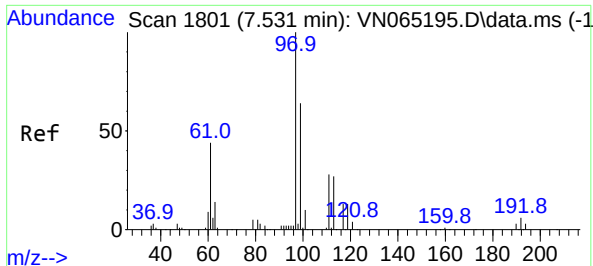
Tgt Ion: 83 Resp: 37004
Ion Ratio Lower Upper
83 100
85 62.4 52.6 78.8



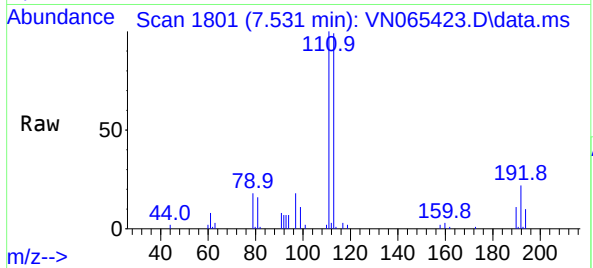
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Manual Integrations
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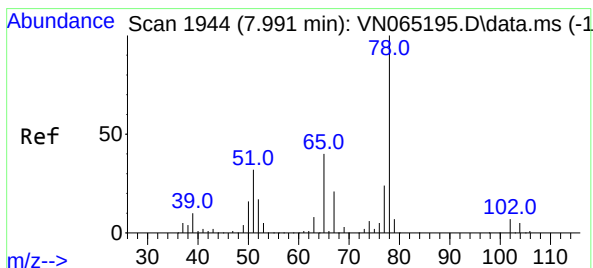
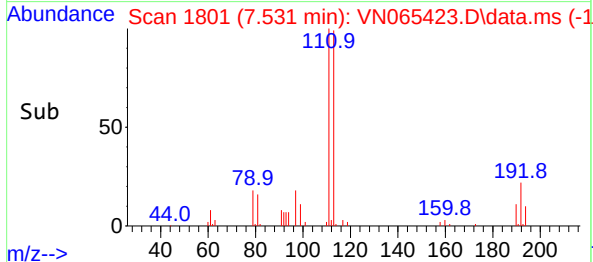
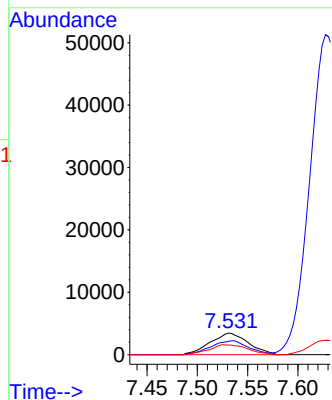
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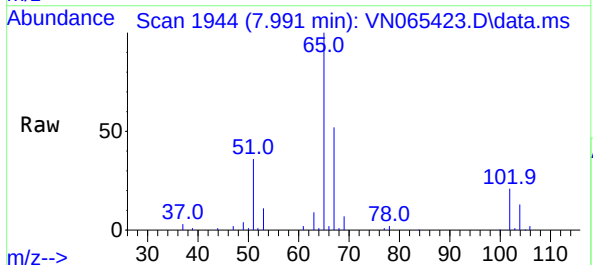
#32
1,1,1-Trichloroethane
Concen: 2.16 ug/l
RT: 7.531 min Scan# 1801
Delta R.T. -0.000 min
Lab File: VN065423.D
Acq: 7 Jan 2021 13:36



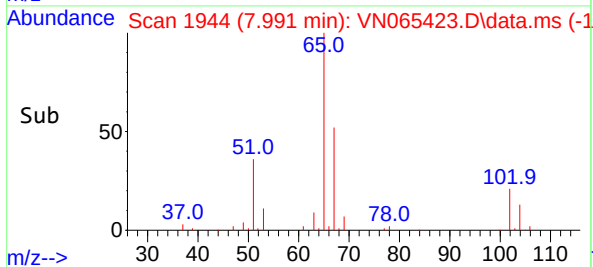
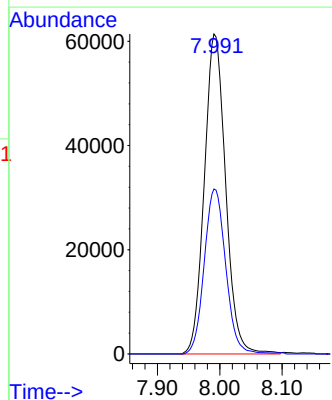
Tgt Ion:	97	Resp:	9090
Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.7	77.5
61	46.8	33.9	50.9



#33
1,2-Dichloroethane-d4
Concen: 50.48 ug/l
RT: 7.991 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VN065423.D
Acq: 7 Jan 2021 13:36



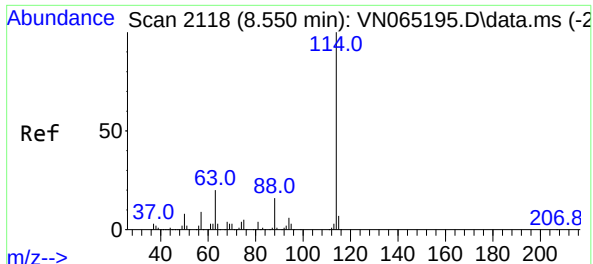
Tgt Ion:	65	Resp:	145737
Ion	Ratio	Lower	Upper
65	100		
67	51.9	0.0	108.2



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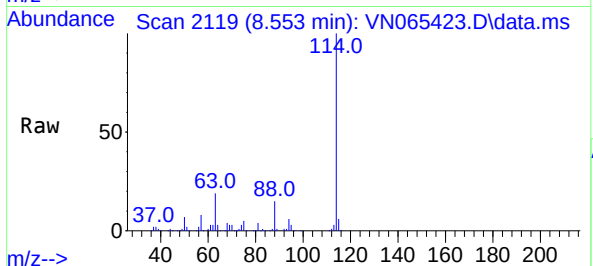
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#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.553 min Scan# 2119
Delta R.T. 0.003 min
Lab File: VN065423.D
Acq: 7 Jan 2021 13:36

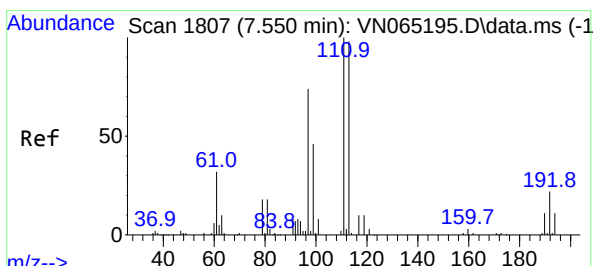
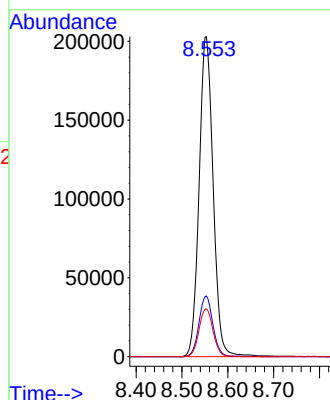
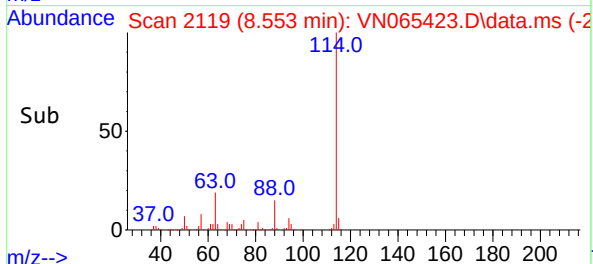
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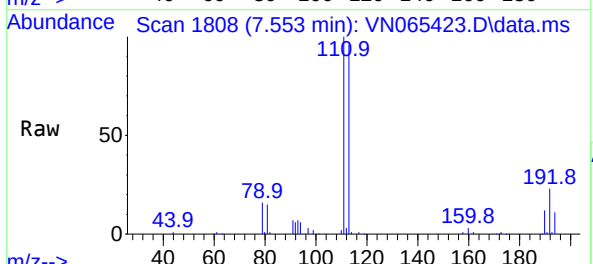
Tgt Ion:114 Resp: 431357
Ion Ratio Lower Upper
114 100
63 18.9 0.0 38.6
88 15.0 0.0 32.6

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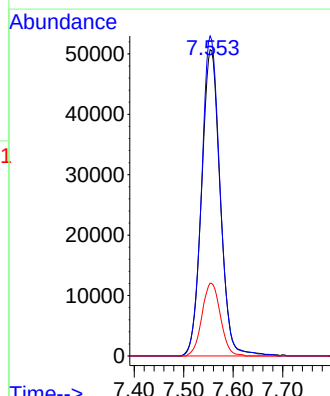
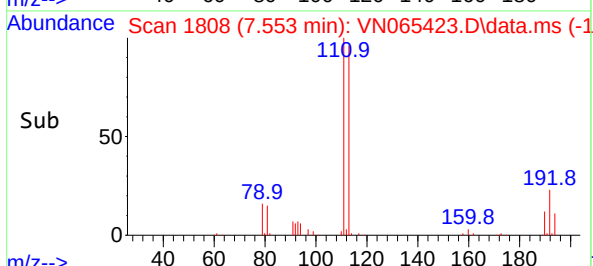
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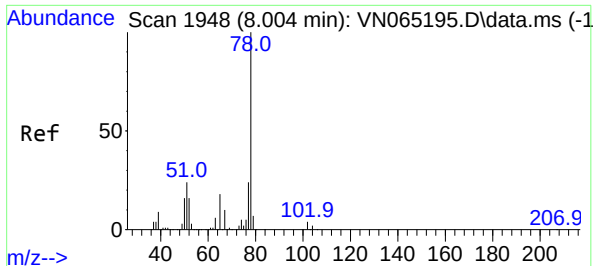


#35
Dibromofluoromethane
Concen: 50.80 ug/l
RT: 7.553 min Scan# 1808
Delta R.T. 0.003 min
Lab File: VN065423.D
Acq: 7 Jan 2021 13:36



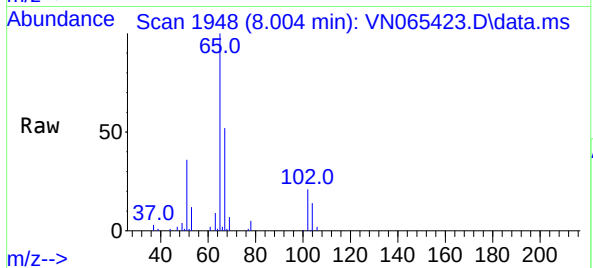
Tgt Ion:113 Resp: 132201
Ion Ratio Lower Upper
113 100
111 103.1 81.6 122.4
192 23.6 16.2 24.2





#40
Benzene
Concen: 0.46 ug/l
RT: 8.004 min Scan# 1948
Delta R.T. -0.000 min
Lab File: VN065423.D
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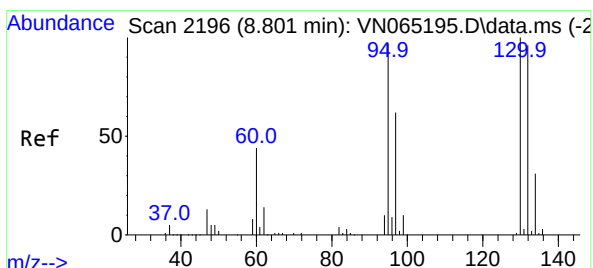
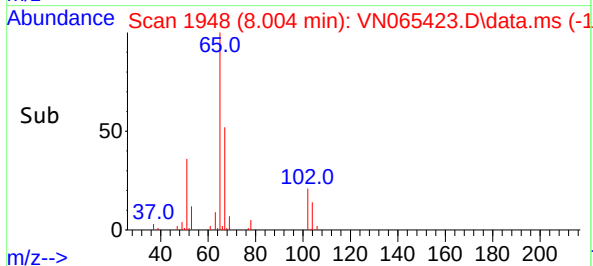
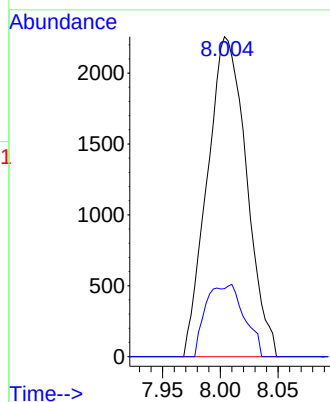
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Tgt Ion: 78 Resp: 5323
Ion Ratio Lower Upper
78 100
77 21.2 17.9 26.9

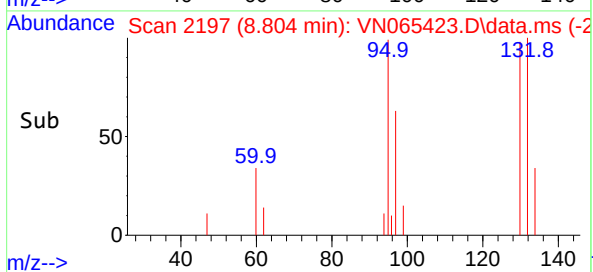
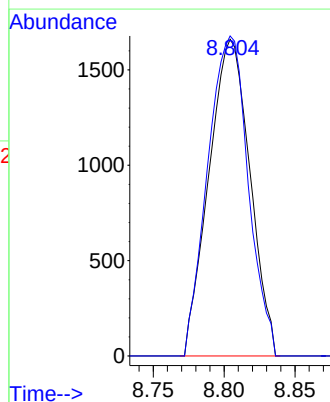
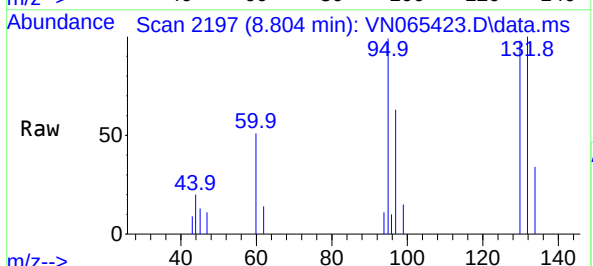
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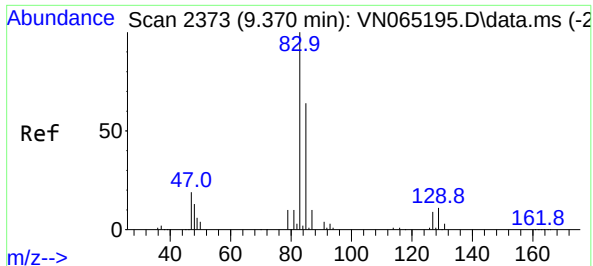
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1/8/2021 11:02:57 AM



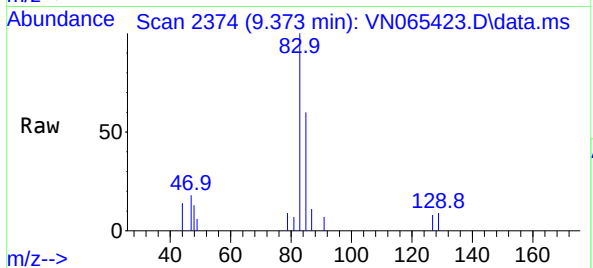
#44
Trichloroethene
Concen: 0.99 ug/l
RT: 8.804 min Scan# 2197
Delta R.T. 0.003 min
Lab File: VN065423.D
Acq: 7 Jan 2021 13:36

Tgt Ion: 130 Resp: 3347
Ion Ratio Lower Upper
130 100
95 101.1 0.0 197.8

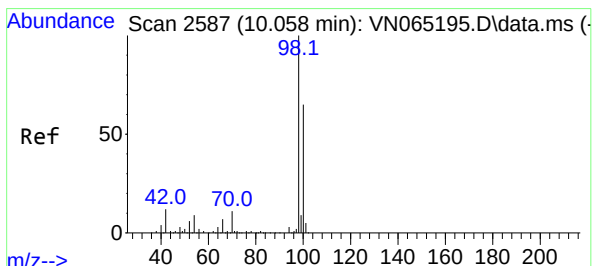
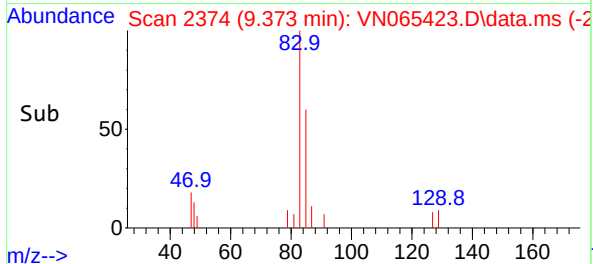
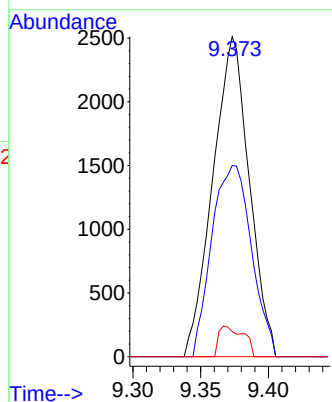




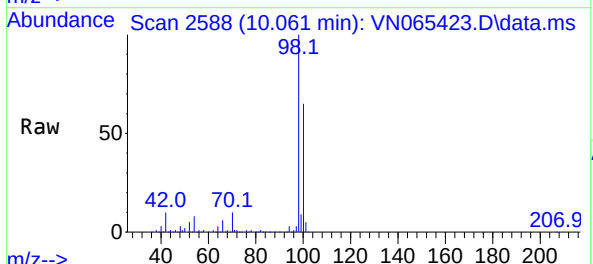
#47
Bromodichloromethane
Concen: 1.08 ug/l
RT: 9.373 min Scan# 2374
Delta R.T. 0.003 min
Lab File: VN065423.D
Acq: 7 Jan 2021 13:36



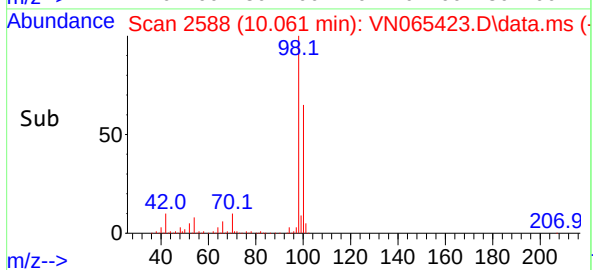
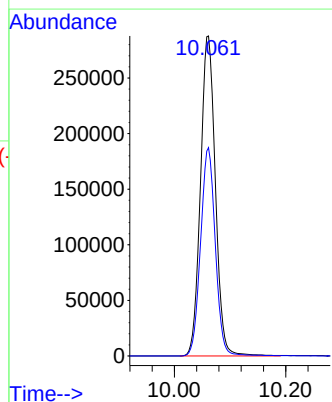
Tgt Ion: 83 Resp: 4691
Ion Ratio Lower Upper
83 100
85 59.7 51.8 77.8
127 7.8 6.8 10.2



#50
Toluene-d8
Concen: 54.83 ug/l
RT: 10.061 min Scan# 2588
Delta R.T. 0.003 min
Lab File: VN065423.D
Acq: 7 Jan 2021 13:36



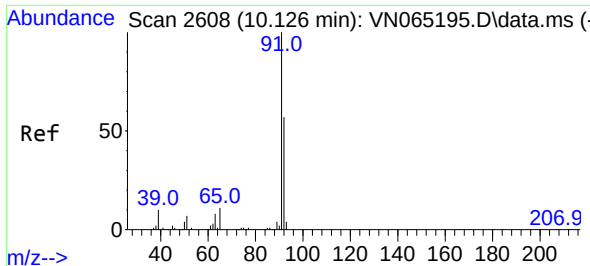
Tgt Ion: 98 Resp: 534816
Ion Ratio Lower Upper
98 100
100 64.6 51.7 77.5



Instrument :
MSVOA_N
ClientSampleId :
GWR2-63-68-010621-FD

Manual Integrations
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1/8/2021 11:02:57 AM



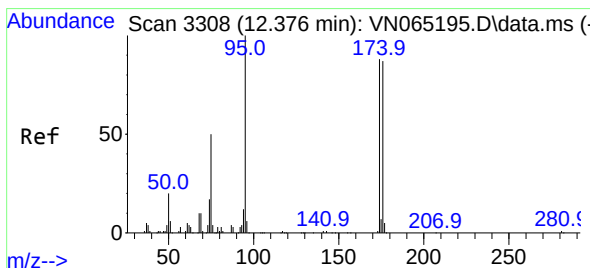
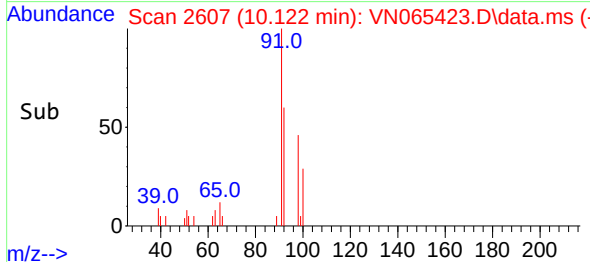
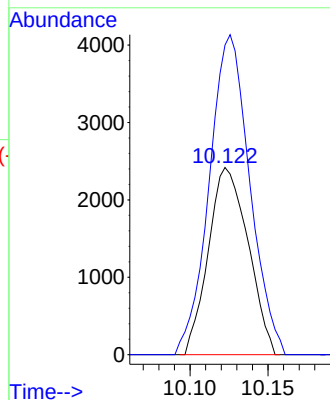
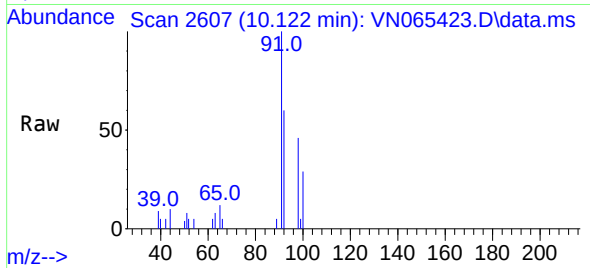
#52
Toluene
Concen: 0.58 ug/l
RT: 10.122 min Scan# 2607
Delta R.T. -0.004 min
Lab File: VN065423.D
Acq: 7 Jan 2021 13:36

Tgt Ion: 92 Resp: 4285
Ion Ratio Lower Upper
92 100
91 174.4 139.1 208.7

Instrument :
MSVOA_N
ClientSampleId :
GWBR2-63-68-010621-FD

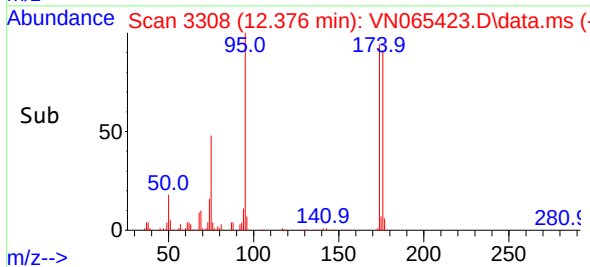
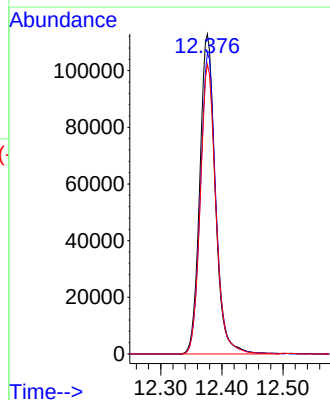
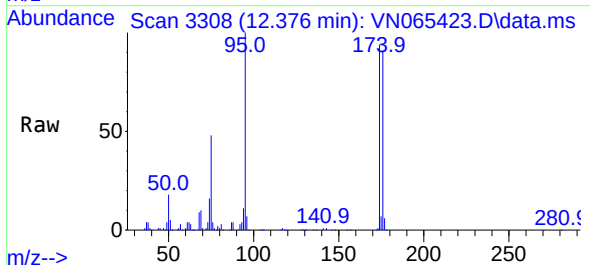
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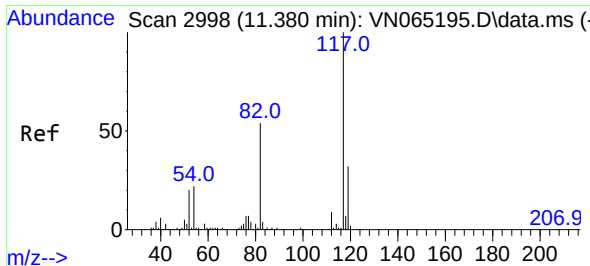
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1/8/2021 11:02:57 AM



#62
4-Bromofluorobenzene
Concen: 51.37 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.000 min
Lab File: VN065423.D
Acq: 7 Jan 2021 13:36

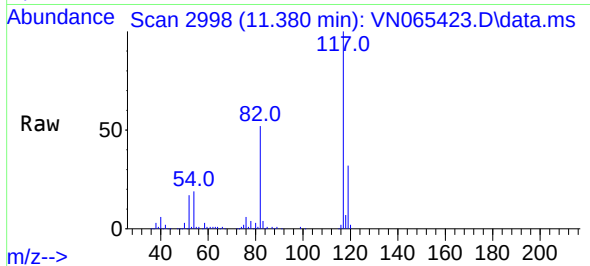
Tgt Ion: 95 Resp: 198753
Ion Ratio Lower Upper
95 100
174 94.3 0.0 160.4
176 90.7 0.0 158.4





#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.380 min Scan# 2998
Delta R.T. -0.000 min
Lab File: VN065423.D
Acq: 7 Jan 2021 13:36

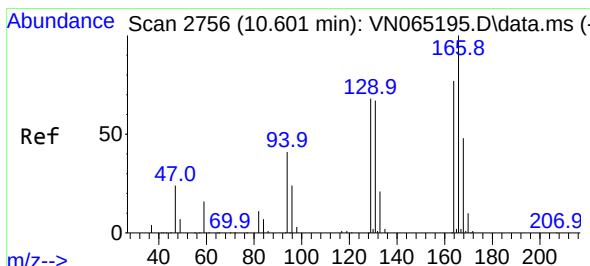
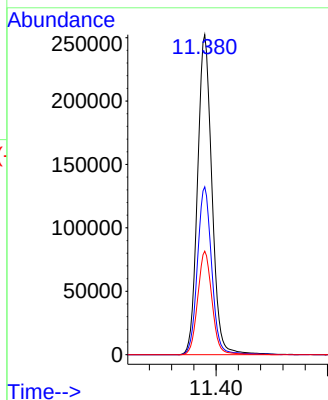
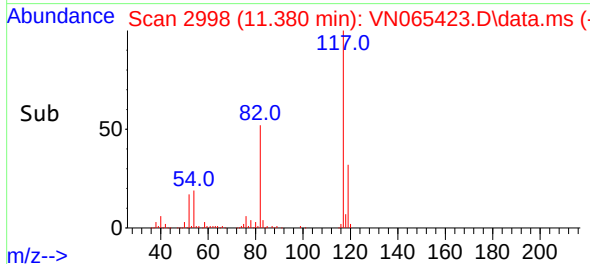
Instrument :
MSVOA_N
ClientSampleId :
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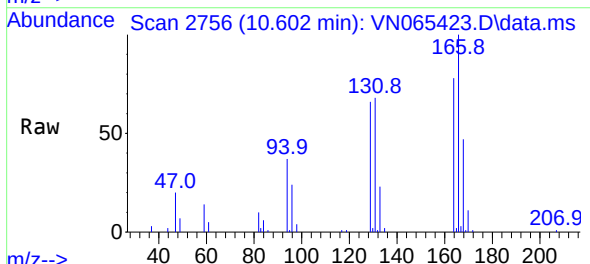
Tgt Ion:117 Resp: 452722
Ion Ratio Lower Upper
117 100
82 52.4 44.2 66.2
119 32.4 25.8 38.6

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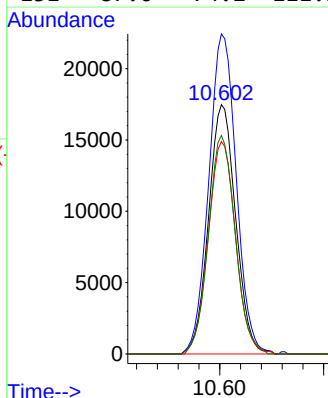
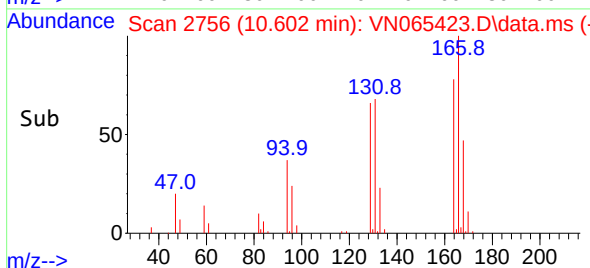
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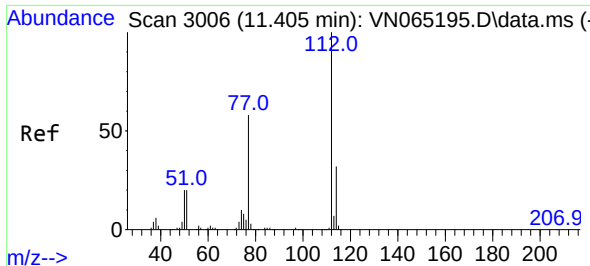


#64
Tetrachloroethene
Concen: 7.21 ug/l
RT: 10.602 min Scan# 2756
Delta R.T. 0.000 min
Lab File: VN065423.D
Acq: 7 Jan 2021 13:36



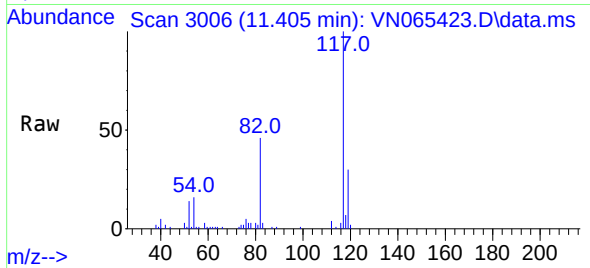
Tgt Ion:164 Resp: 31715
Ion Ratio Lower Upper
164 100
166 128.4 101.4 152.0
129 85.3 76.1 114.1
131 87.6 74.2 111.2





#65
Chlorobenzene
Concen: 0.21 ug/l
RT: 11.405 min Scan# 3006
Delta R.T. 0.000 min
Lab File: VN065423.D
Acq: 7 Jan 2021 13:36

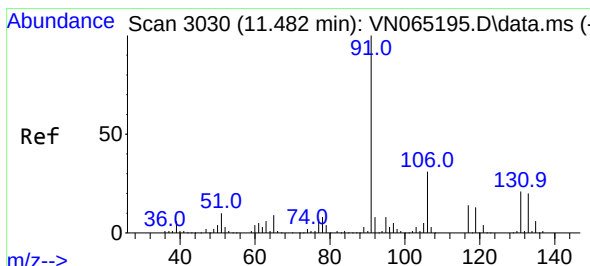
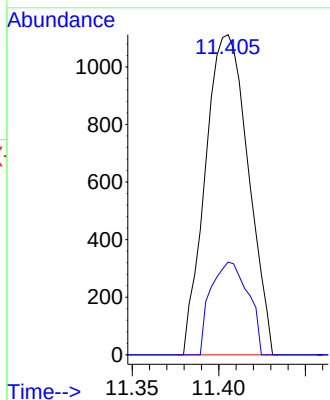
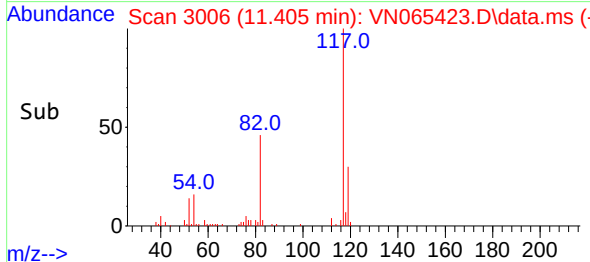
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GWR2-63-68-010621-FD



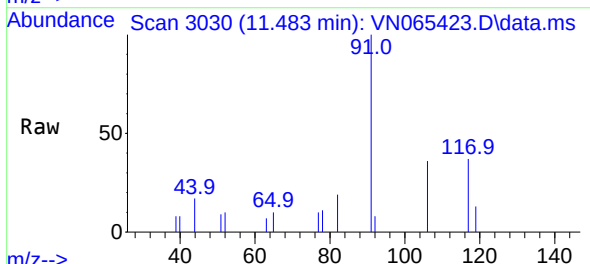
Tgt Ion: 112 Resp: 1912
Ion Ratio Lower Upper
112 100
114 29.0 25.1 37.7

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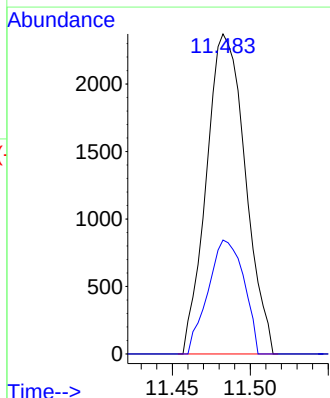
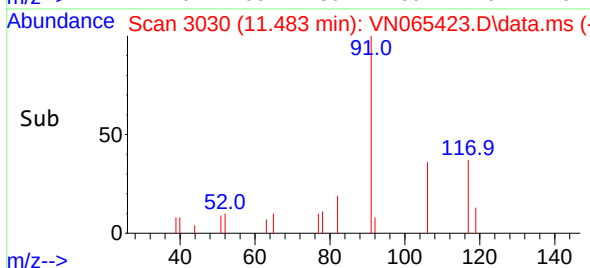
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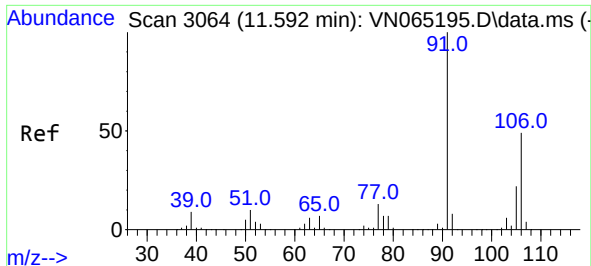


#67
Ethyl Benzene
Concen: 0.25 ug/l
RT: 11.483 min Scan# 3030
Delta R.T. 0.001 min
Lab File: VN065423.D
Acq: 7 Jan 2021 13:36



Tgt Ion: 91 Resp: 4121
Ion Ratio Lower Upper
91 100
106 35.6 25.2 37.8





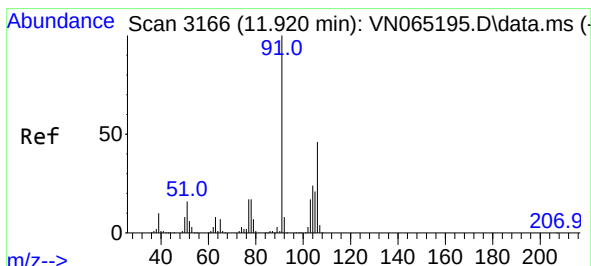
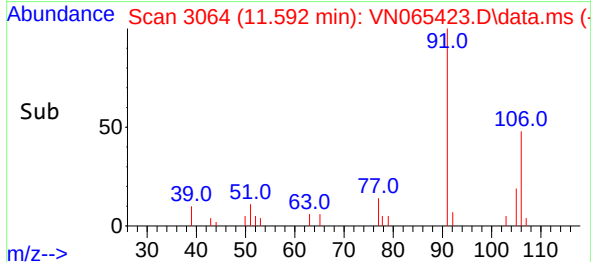
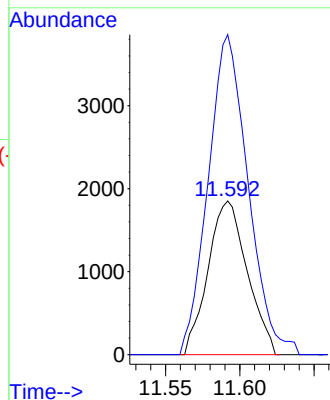
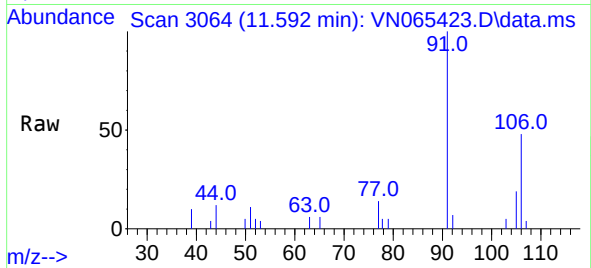
#68
m/p-Xylenes
Concen: 0.54 ug/l
RT: 11.592 min Scan# 3064
Delta R.T. -0.000 min
Lab File: VN065423.D
Acq: 7 Jan 2021 13:36

Tgt Ion:106 Resp: 3397
Ion Ratio Lower Upper
106 100
91 212.1 161.0 241.4

Instrument :
MSVOA_N
ClientSampleId :
GWBR2-63-68-010621-FD

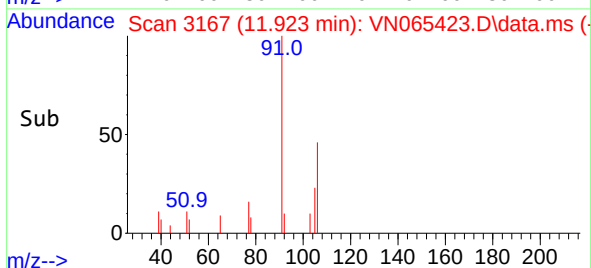
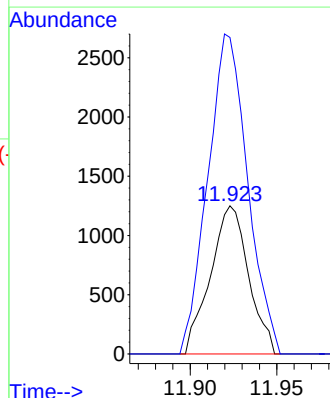
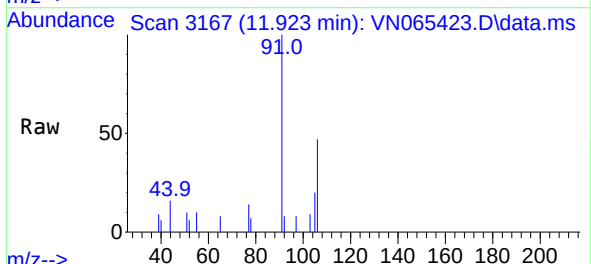
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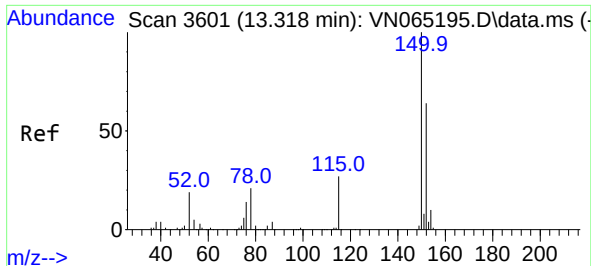
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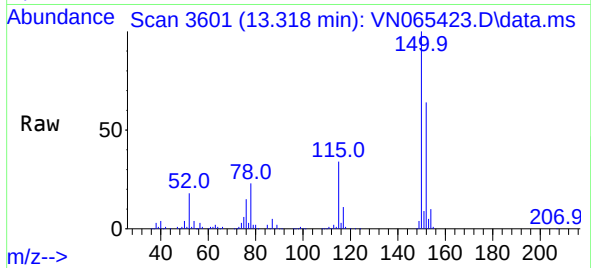
#69
o-Xylene
Concen: 0.32 ug/l
RT: 11.923 min Scan# 3167
Delta R.T. 0.003 min
Lab File: VN065423.D
Acq: 7 Jan 2021 13:36

Tgt Ion:106 Resp: 1917
Ion Ratio Lower Upper
106 100
91 225.4 105.5 316.5

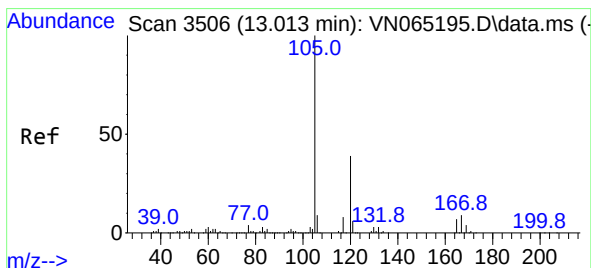
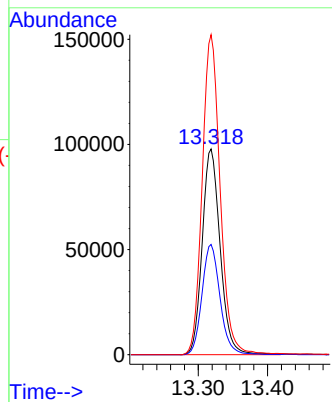
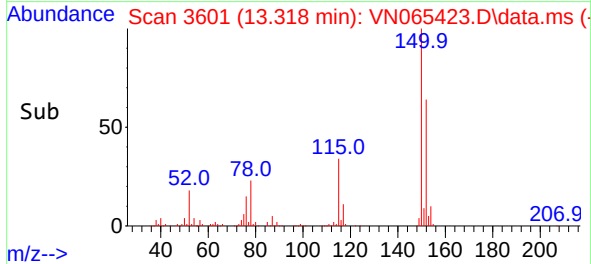




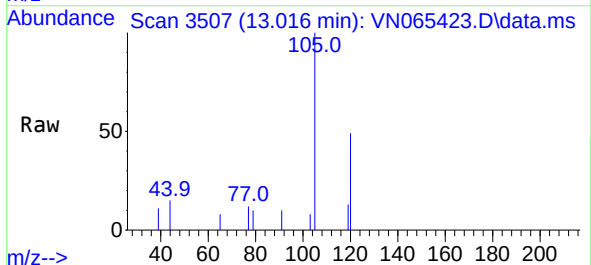
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.318 min Scan# 3601
Delta R.T. 0.000 min
Lab File: VN065423.D
Acq: 7 Jan 2021 13:36



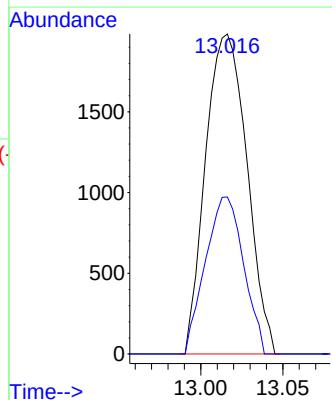
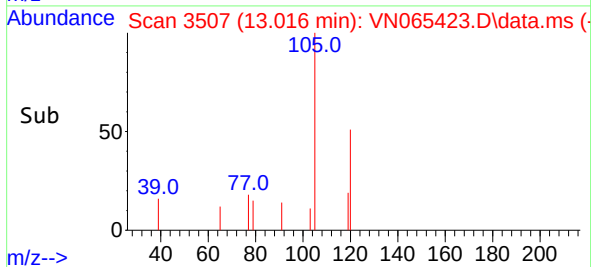
Tgt Ion:152 Resp: 176166
Ion Ratio Lower Upper
152 100
115 53.7 29.7 89.1
150 155.2 0.0 350.6



#84
1,2,4-Trimethylbenzene
Concen: 0.31 ug/l
RT: 13.016 min Scan# 3507
Delta R.T. 0.003 min
Lab File: VN065423.D
Acq: 7 Jan 2021 13:36



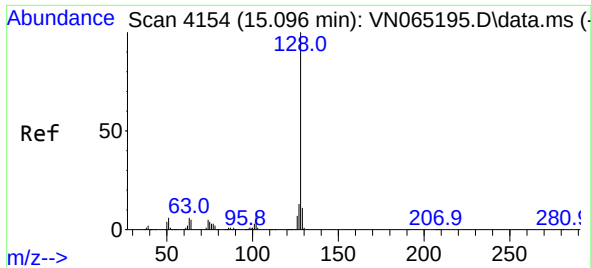
Tgt Ion:105 Resp: 3470
Ion Ratio Lower Upper
105 100
120 45.2 23.1 69.2



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ClientSampleId :
GWR2-63-68-010621-FD

Manual Integrations
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1/8/2021 11:02:57 AM



#95
Naphthalene
Concen: 4.05 ug/l
RT: 15.109 min Scan# 4158
Delta R.T. 0.013 min
Lab File: VN065423.D
Acq: 7 Jan 2021 13:36

Tgt Ion:	128	Resp:	6638
Ion	Ratio	Lower	Upper
128	100		
127	11.3	10.3	15.5
129	8.9	8.7	13.1

Instrument :
MSVOA_N
ClientSampleId :
GWBR2-63-68-010621-FD

Manual Integrations
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1/8/2021 11:02:57 AM

