

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022421\
 Data File : VN066011.D
 Acq On : 24 Feb 2021 18:04
 Operator : JC/MD
 Sample : M1474-05
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-TT-VPB-RW6-GW-658-660

Manual Integrations
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Quant Time: Feb 25 02:16:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 17 15:48:13 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.630	168	124442	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	200909	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.379	117	182938	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	72020	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.991	65	81875	47.05	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	94.10%		
35) Dibromofluoromethane	7.553	113	61170	49.20	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	98.40%		
50) Toluene-d8	10.058	98	244339	47.87	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	95.74%		
62) 4-Bromofluorobenzene	12.373	95	88697	46.29	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	92.58%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.856	85	1500	0.92	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.733	101	7896	5.96	ug/l #	89
12) 1,1-Dichloroethene	3.711	96	2150	1.54	ug/l #	87
27) cis-1,2-Dichloroethene	6.791	96	2005m	1.20	ug/l	
30) Chloroform	7.335	83	2599	0.95	ug/l	96
38) Carbon Tetrachloride	7.740	117	1848	1.00	ug/l	93
44) Trichloroethene	8.804	130	90861	60.44	ug/l	99

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

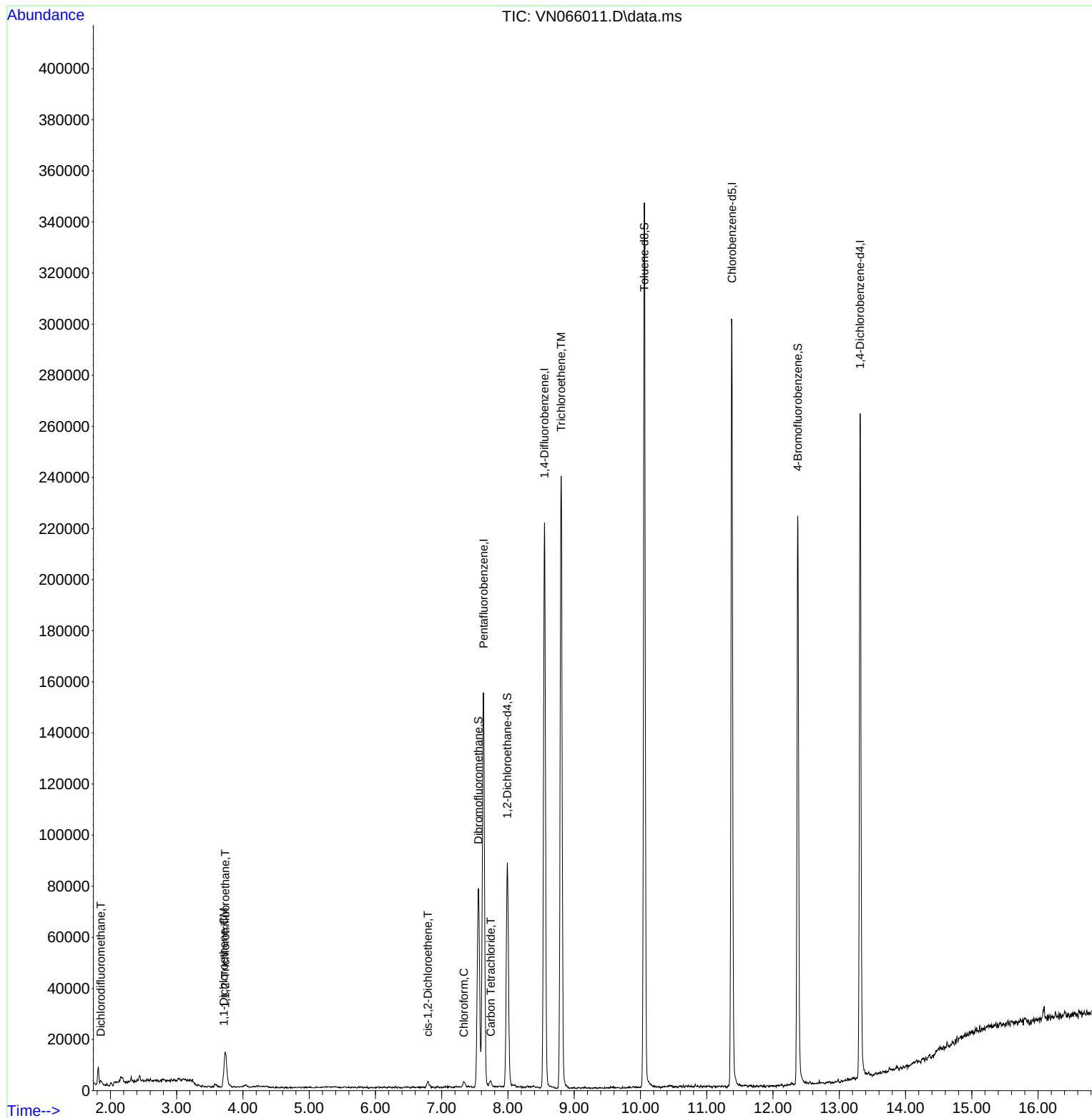
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Data File : VN066011.D
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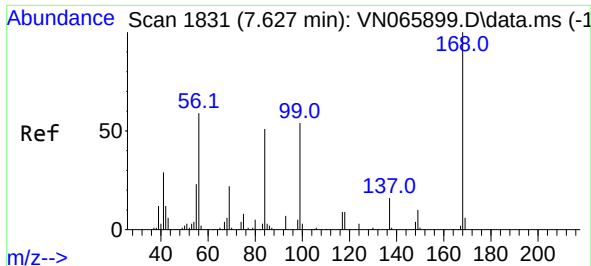
Instrument :
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BP-TT-VPB-RW6-GW-658-660

Quant Time: Feb 25 02:16:23 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021721W.M
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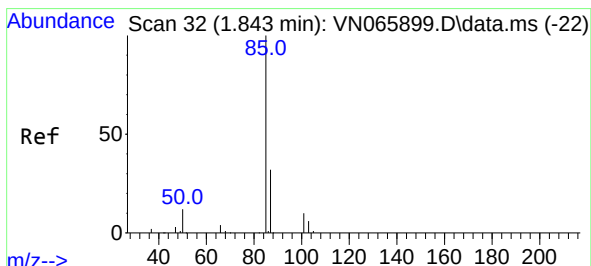
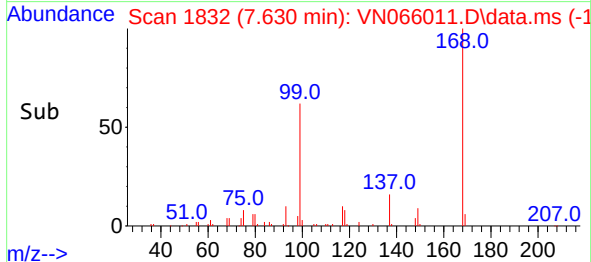
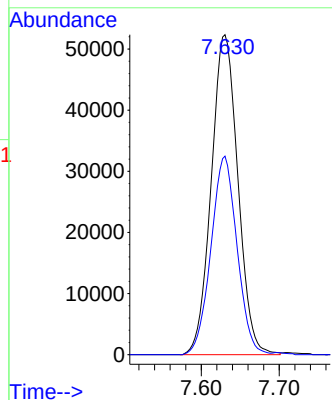
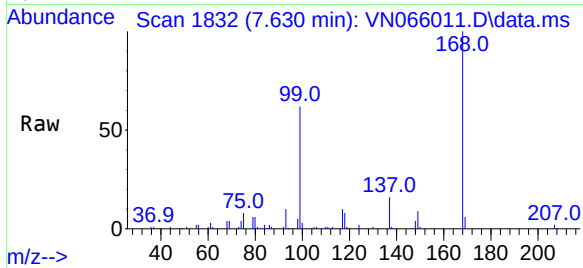
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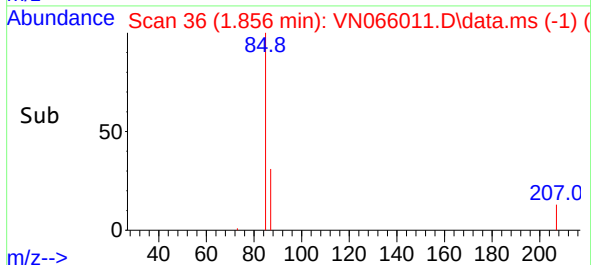
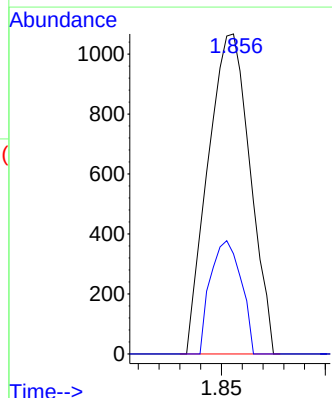
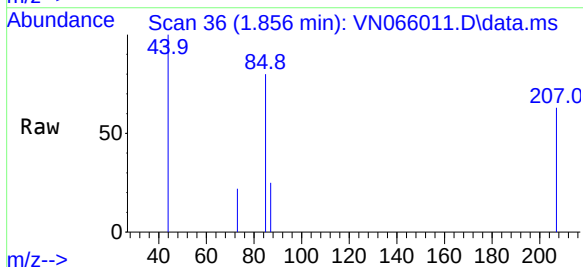
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.630 min Scan# 1832
Delta R.T. 0.003 min
Lab File: VN066011.D
Acq: 24 Feb 2021 18:04

Tgt Ion: 168 Resp: 124442
Ion Ratio Lower Upper
168 100
99 62.1 42.6 63.8



#2
Dichlorodifluoromethane
Concen: 0.92 ug/l
RT: 1.856 min Scan# 36
Delta R.T. 0.013 min
Lab File: VN066011.D
Acq: 24 Feb 2021 18:04

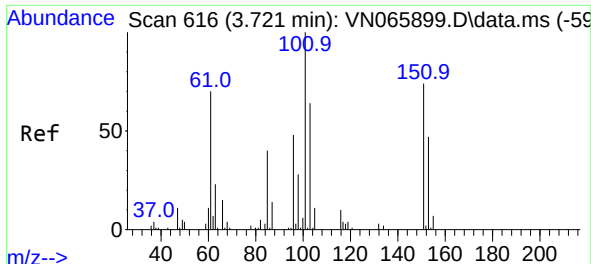
Tgt Ion: 85 Resp: 1500
Ion Ratio Lower Upper
85 100
87 31.3 16.6 49.8



Instrument :
MSVOA_N
ClientSampleId :
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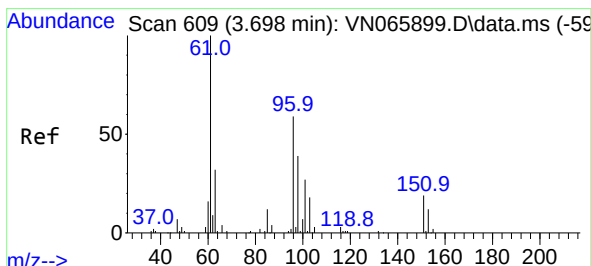
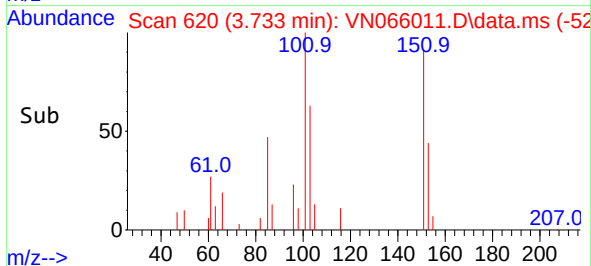
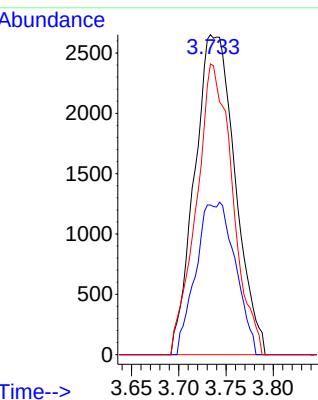
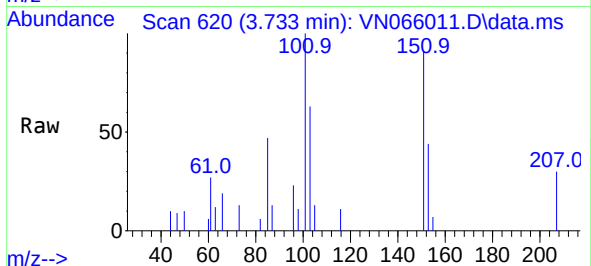
#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.96 ug/l
RT: 3.733 min Scan# 620
Delta R.T. 0.012 min
Lab File: VN066011.D
Acq: 24 Feb 2021 18:04

Tgt Ion:	101	Resp:	7896
Ion	Ratio	Lower	Upper
101	100		
85	25.3	34.6	51.8#
151	81.3	63.5	95.3

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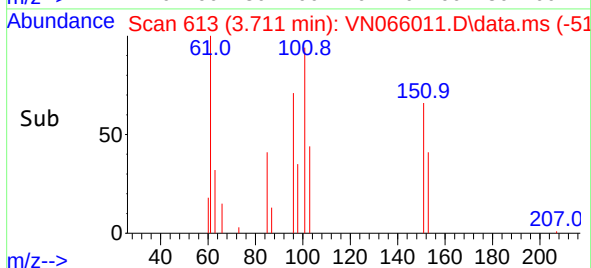
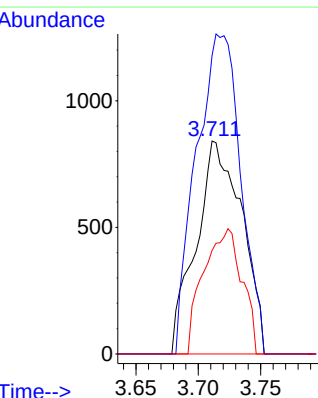
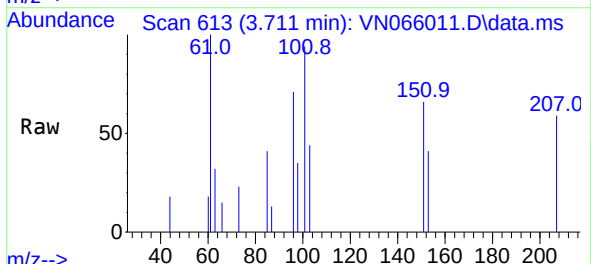
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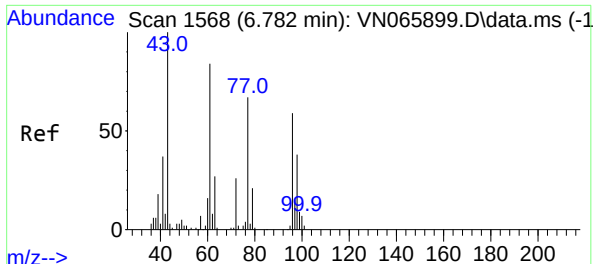
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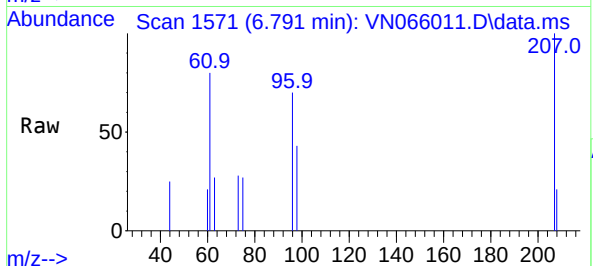
#12
1,1-Dichloroethene
Concen: 1.54 ug/l
RT: 3.711 min Scan# 613
Delta R.T. 0.013 min
Lab File: VN066011.D
Acq: 24 Feb 2021 18:04

Tgt Ion:	96	Resp:	2150
Ion	Ratio	Lower	Upper
96	100		
61	140.1	122.5	183.7
98	48.6	50.8	76.2#



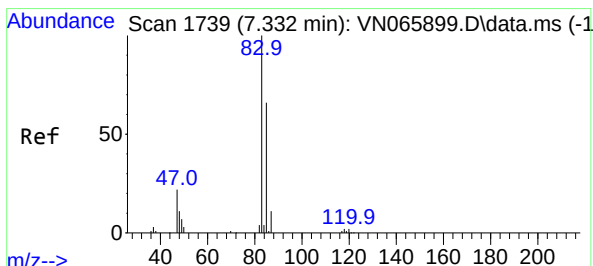
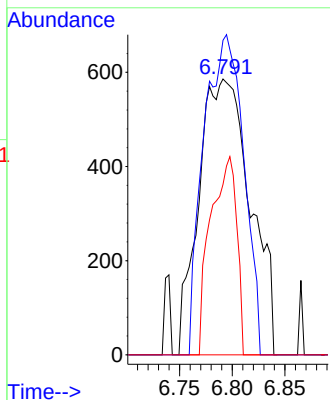
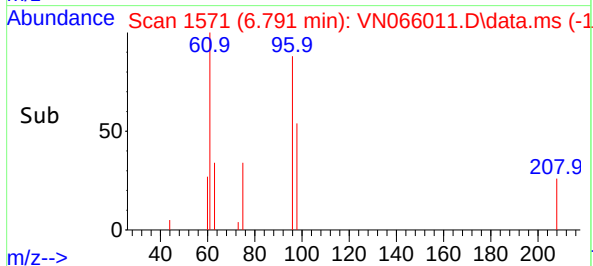


#27
cis-1,2-Dichloroethene
Concen: 1.20 ug/l m
RT: 6.791 min Scan# 1571
Delta R.T. 0.009 min
Lab File: VN066011.D
Acq: 24 Feb 2021 18:04

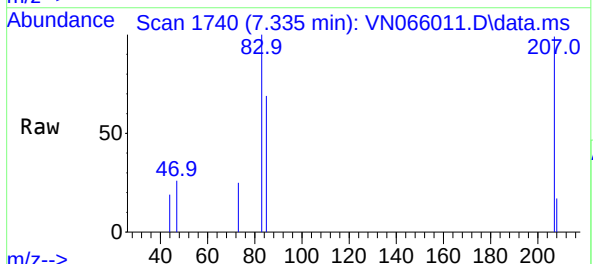


Tgt Ion: 96 Resp: 2005

Ion	Ratio	Lower	Upper
96	100		
61	89.4	0.0	276.8
98	36.0	0.0	129.4

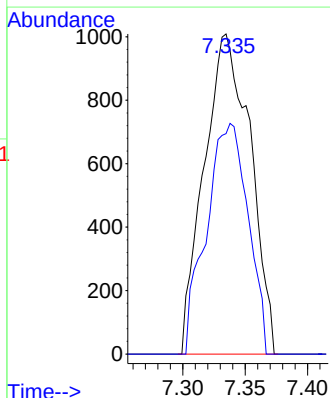
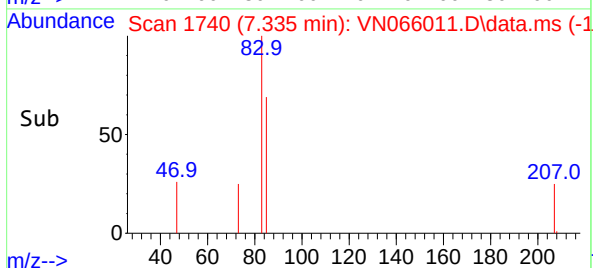


#30
Chloroform
Concen: 0.95 ug/l
RT: 7.335 min Scan# 1740
Delta R.T. 0.003 min
Lab File: VN066011.D
Acq: 24 Feb 2021 18:04



Tgt Ion: 83 Resp: 2599

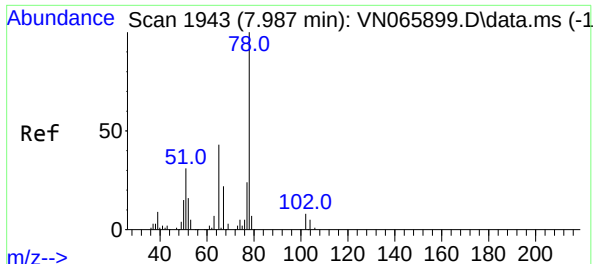
Ion	Ratio	Lower	Upper
83	100		
85	68.9	52.6	78.8



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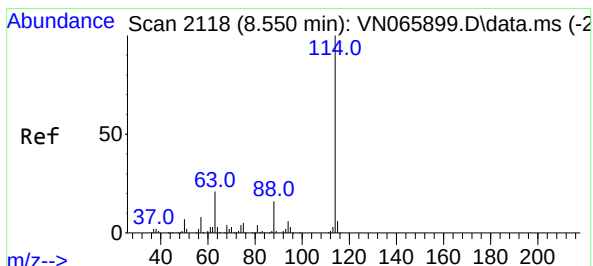
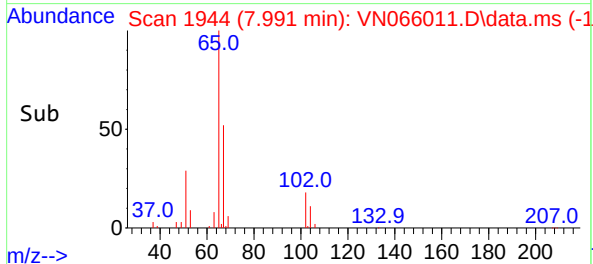
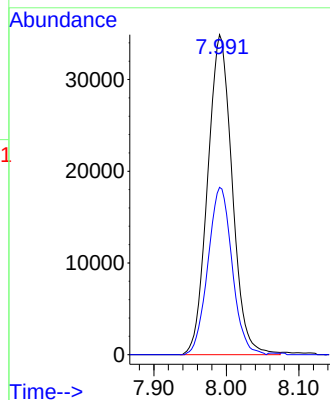
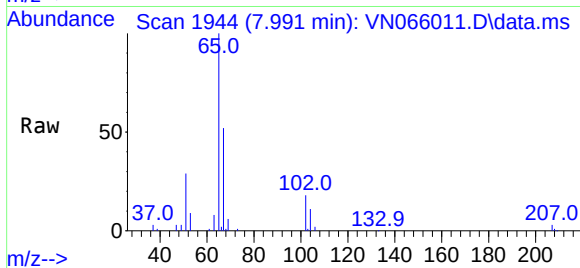
#33
1,2-Dichloroethane-d4
Concen: 47.05 ug/l
RT: 7.991 min Scan# 1944
Delta R.T. 0.004 min
Lab File: VN066011.D
Acq: 24 Feb 2021 18:04

Tgt Ion: 65 Resp: 81875
Ion Ratio Lower Upper
65 100
67 51.6 0.0 107.2

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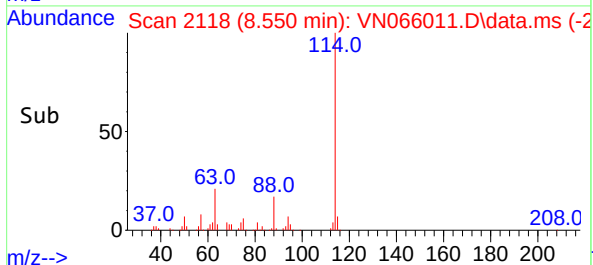
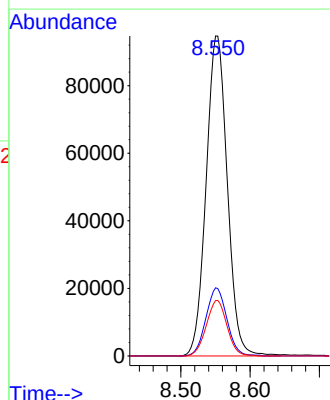
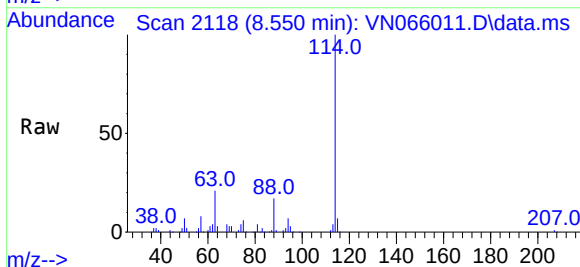
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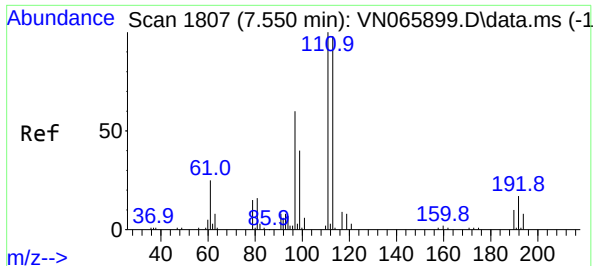
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#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. 0.000 min
Lab File: VN066011.D
Acq: 24 Feb 2021 18:04

Tgt Ion: 114 Resp: 200909
Ion Ratio Lower Upper
114 100
63 21.3 0.0 38.6
88 17.3 0.0 30.6





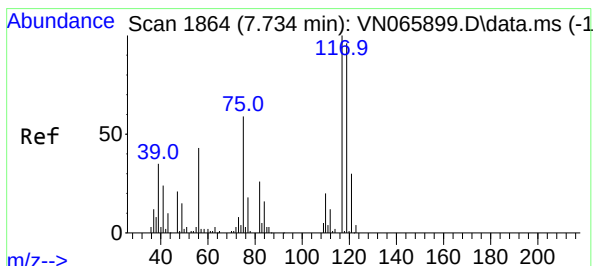
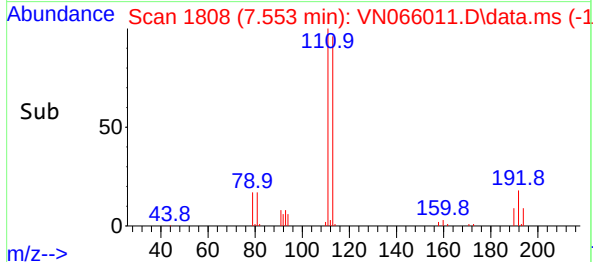
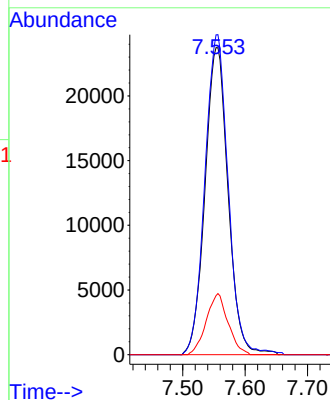
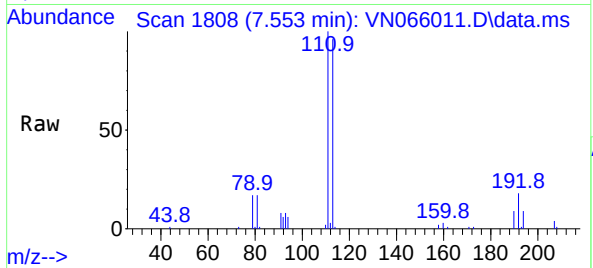
#35
Dibromofluoromethane
Concen: 49.20 ug/l
RT: 7.553 min Scan# 1808
Delta R.T. 0.003 min
Lab File: VN066011.D
Acq: 24 Feb 2021 18:04

Tgt Ion:113 Resp: 61170
Ion Ratio Lower Upper
113 100
111 103.9 82.2 123.2
192 18.7 15.4 23.0

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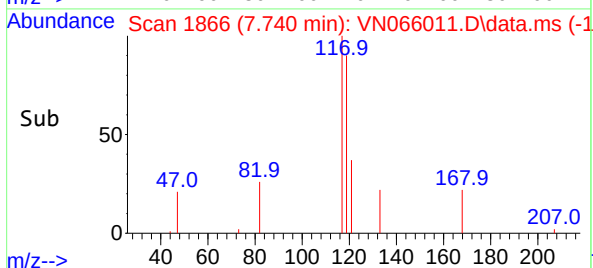
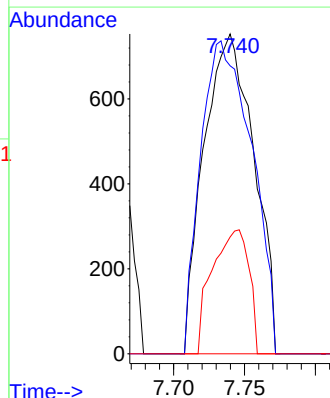
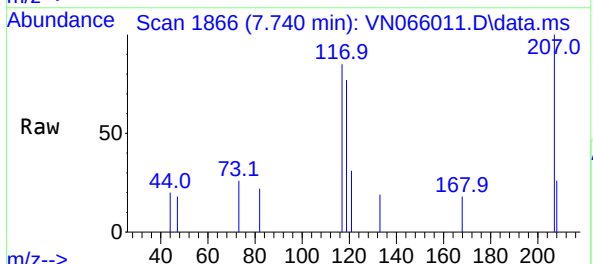
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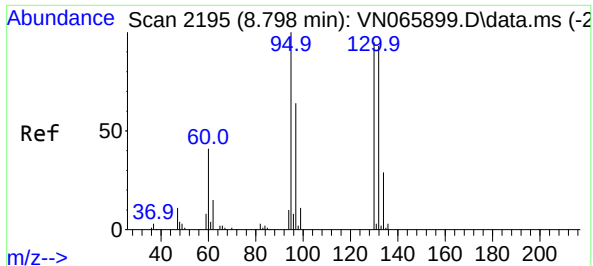
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#38
Carbon Tetrachloride
Concen: 1.00 ug/l
RT: 7.740 min Scan# 1866
Delta R.T. 0.006 min
Lab File: VN066011.D
Acq: 24 Feb 2021 18:04

Tgt Ion:117 Resp: 1848
Ion Ratio Lower Upper
117 100
119 90.0 76.0 114.0
121 36.5 24.5 36.7





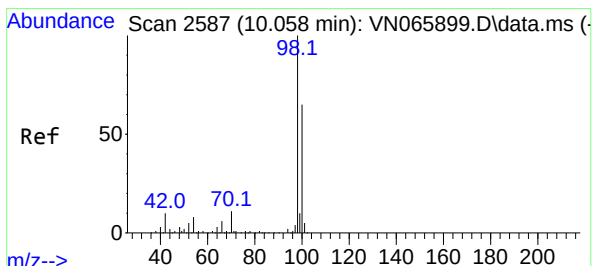
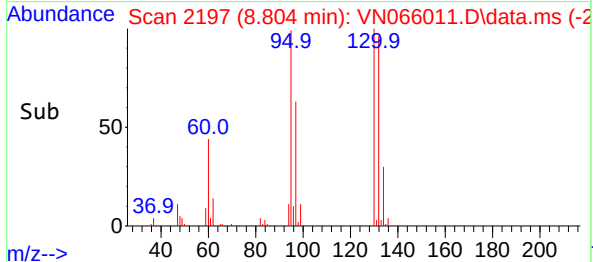
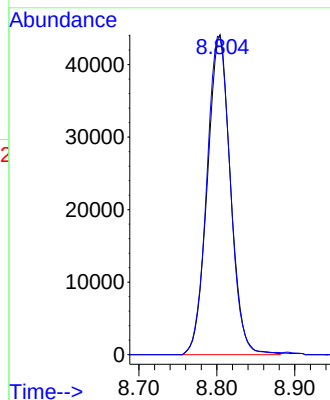
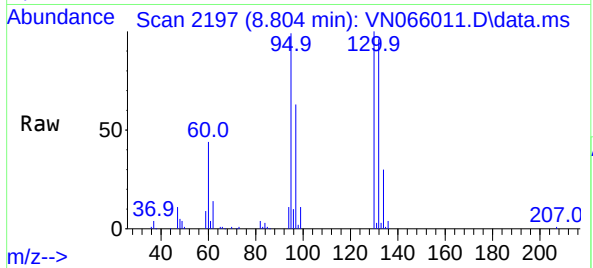
#44
Trichloroethene
Concen: 60.44 ug/l
RT: 8.804 min Scan# 2197
Delta R.T. 0.006 min
Lab File: VN066011.D
Acq: 24 Feb 2021 18:04

Tgt Ion:130 Resp: 90861
Ion Ratio Lower Upper
130 100
95 99.2 0.0 199.6

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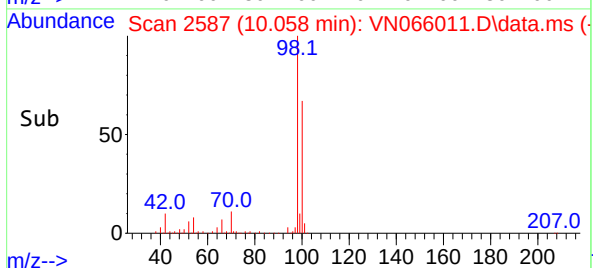
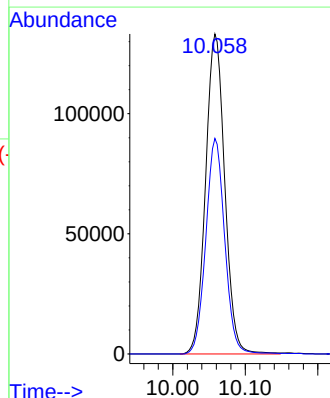
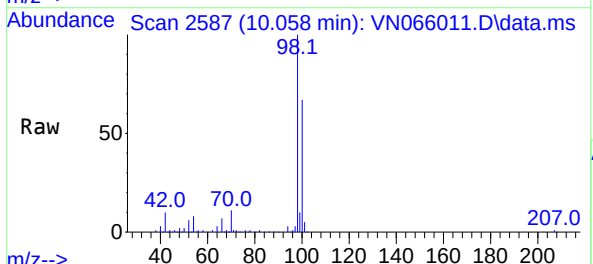
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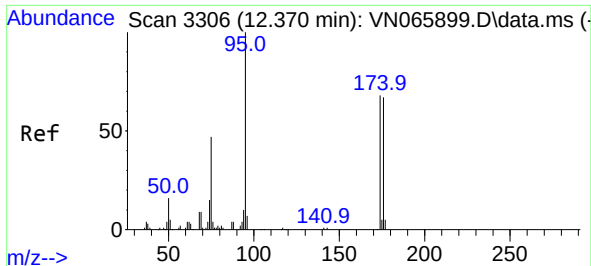
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#50
Toluene-d8
Concen: 47.87 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. -0.000 min
Lab File: VN066011.D
Acq: 24 Feb 2021 18:04

Tgt Ion: 98 Resp: 244339
Ion Ratio Lower Upper
98 100
100 66.4 50.5 75.7





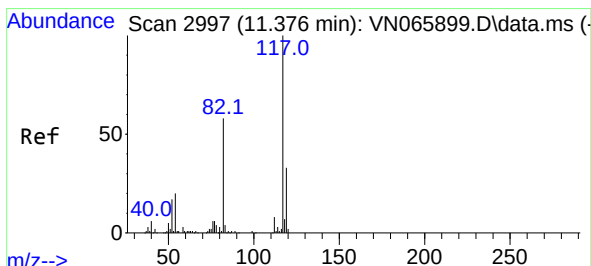
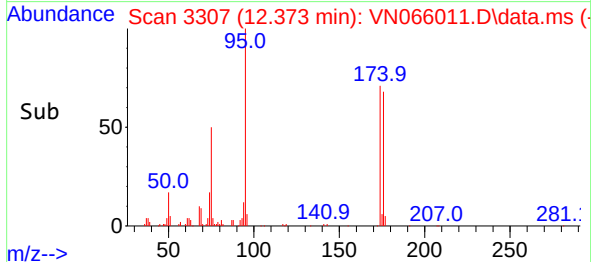
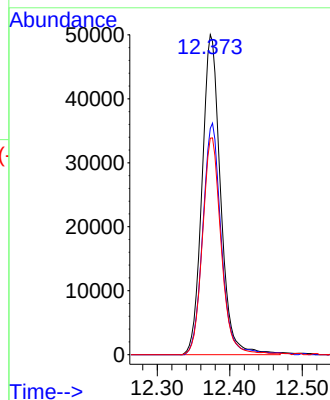
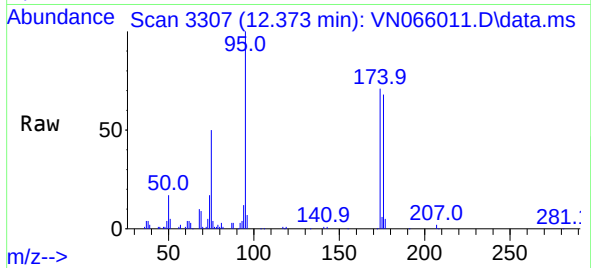
#62
4-Bromofluorobenzene
Concen: 46.29 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.003 min
Lab File: VN066011.D
Acq: 24 Feb 2021 18:04

Tgt Ion:	95	Resp:	88697
Ion	Ratio	Lower	Upper
95	100		
174	72.1	0.0	169.0
176	68.1	0.0	162.4

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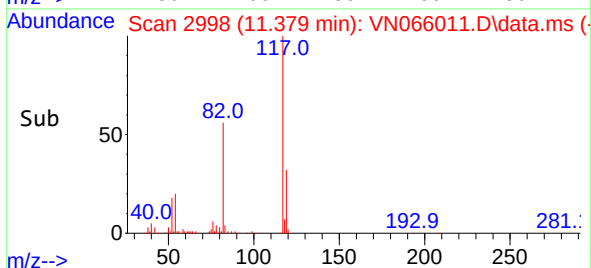
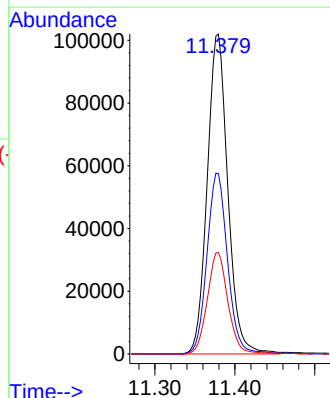
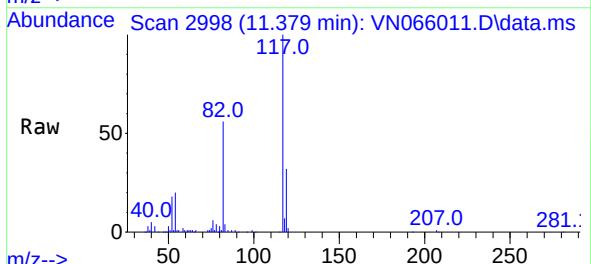
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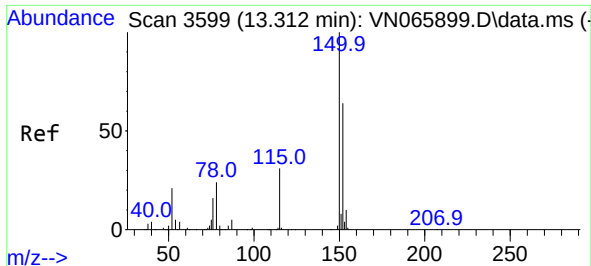
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#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.379 min Scan# 2998
Delta R.T. 0.003 min
Lab File: VN066011.D
Acq: 24 Feb 2021 18:04

Tgt Ion:	117	Resp:	182938
Ion	Ratio	Lower	Upper
117	100		
82	56.4	43.7	65.5
119	31.7	26.1	39.1





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.315 min Scan# 3600
 Delta R.T. 0.003 min
 Lab File: VN066011.D
 Acq: 24 Feb 2021 18:04

Tgt Ion:	152	Resp:	72020
Ion	Ratio	Lower	Upper
152	100		
115	64.7	28.5	85.6
150	160.8	0.0	347.6

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-TT-VPB-RW6-GW-658-660

Manual Integrations
 APPROVED

MMDadoda
 2/25/2021 12:16:00 PM

