

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032621\
 Data File : VN066351.D
 Acq On : 26 Mar 2021 15:59
 Operator : JC/MD
 Sample : M1788-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW201D1-20210320

Quant Time: Mar 27 01:49:07 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)

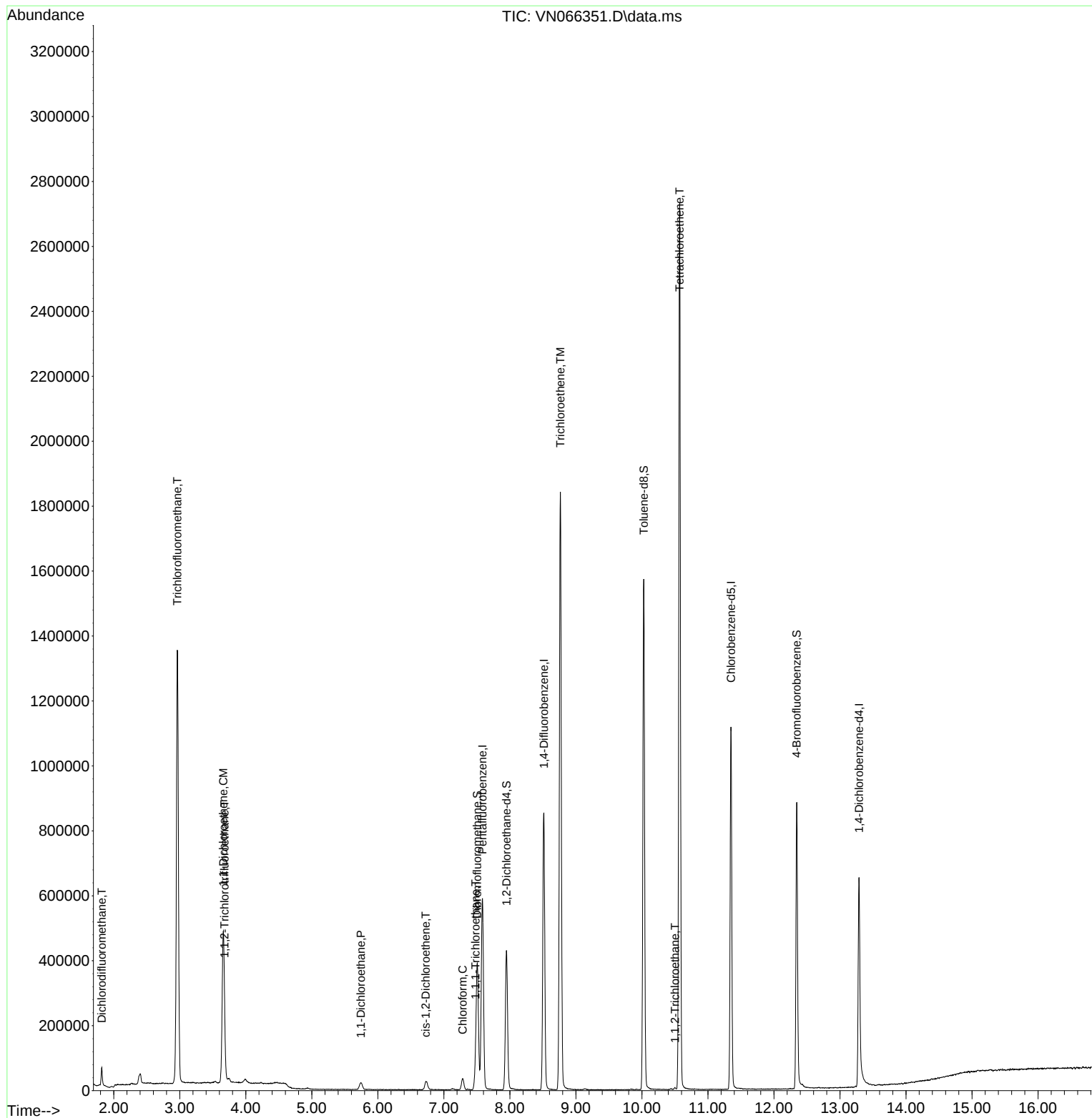
Internal Standards						
1) Pentafluorobenzene	7.584	168	501760	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.515	114	757368	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.350	117	628310	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.289	152	209010	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.949	65	356849	53.50	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 107.00%			
35) Dibromofluoromethane	7.507	113	276952	55.16	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 110.32%			
50) Toluene-d8	10.028	98	1068788	56.12	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 112.24%#			
62) 4-Bromofluorobenzene	12.345	95	299950	45.35	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 90.70%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.818	85	41605	6.58	ug/l	99
7) Trichlorofluoromethane	2.963	101	1233293	123.99	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.680	101	20051	3.57	ug/l	98
12) 1,1-Dichloroethene	3.661	96	220093	38.27	ug/l	99
24) 1,1-Dichloroethane	5.742	63	33451	3.41	ug/l	98
27) cis-1,2-Dichloroethene	6.726	96	16895	2.78	ug/l	89
30) Chloroform	7.287	83	36808	3.76	ug/l	99
32) 1,1,1-Trichloroethane	7.480	97	45228	5.26	ug/l	98
44) Trichloroethene	8.765	130	670342	118.60	ug/l	99
55) 1,1,2-Trichloroethane	10.502	97	2020	0.38	ug/l	93
64) Tetrachloroethene	10.572	164	631475	118.09	ug/l	99

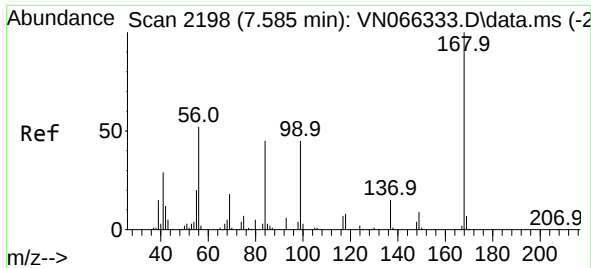
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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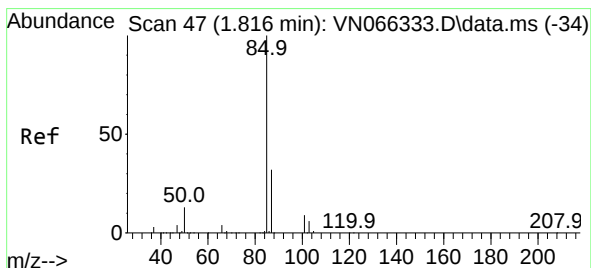
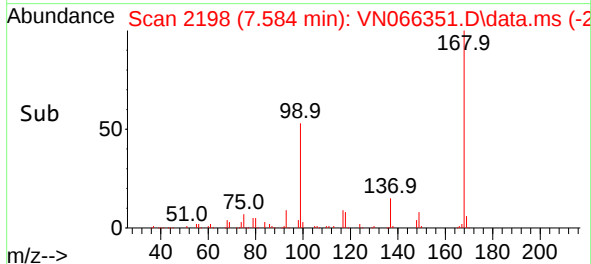
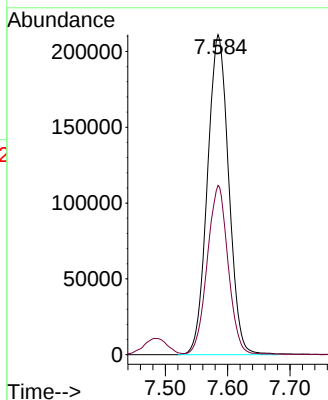
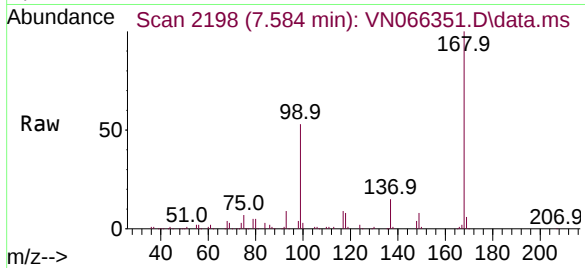




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.584 min Scan# 2198
Delta R.T. -0.001 min
Lab File: VN066351.D
Acq: 26 Mar 2021 15:59

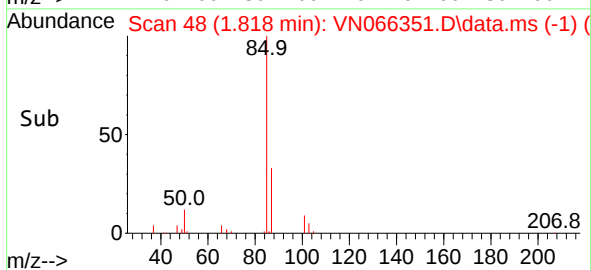
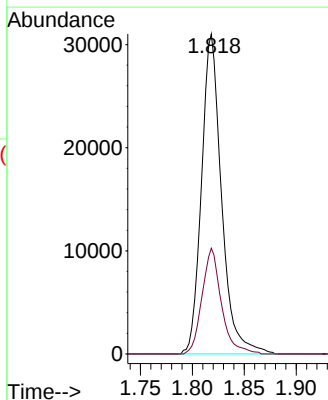
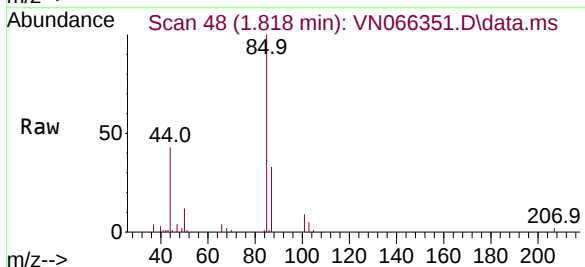
Instrument :
MSVOA_N
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MW201D1-20210320

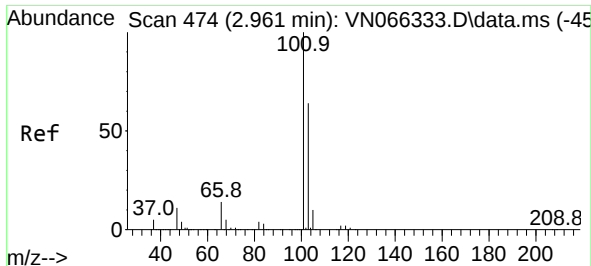
Tgt Ion:168 Resp: 501760
Ion Ratio Lower Upper
168 100
99 52.7 41.1 61.7



#2
Dichlorodifluoromethane
Concen: 6.58 ug/l
RT: 1.818 min Scan# 48
Delta R.T. 0.003 min
Lab File: VN066351.D
Acq: 26 Mar 2021 15:59

Tgt Ion: 85 Resp: 41605
Ion Ratio Lower Upper
85 100
87 33.0 16.2 48.6

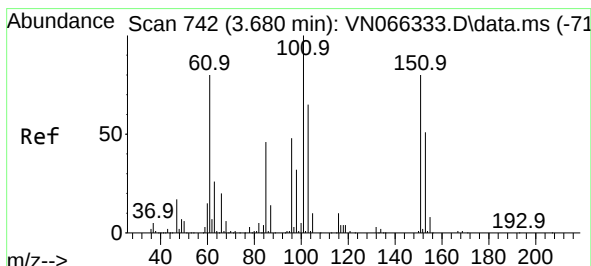
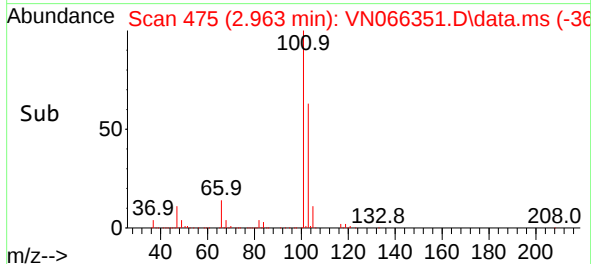
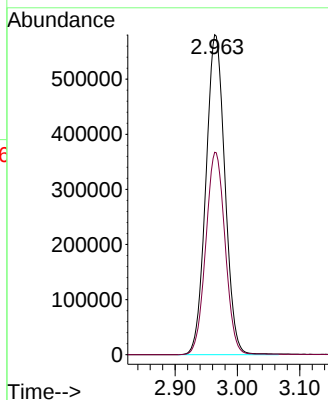
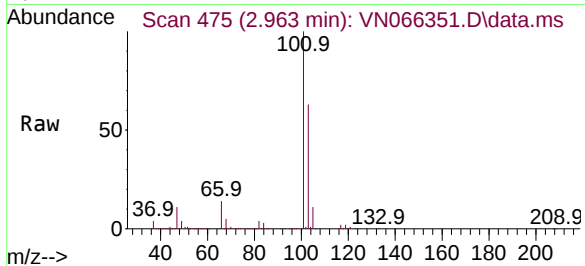




#7
Trichlorofluoromethane
Concen: 123.99 ug/l
RT: 2.963 min Scan# 475
Delta R.T. 0.003 min
Lab File: VN066351.D
Acq: 26 Mar 2021 15:59

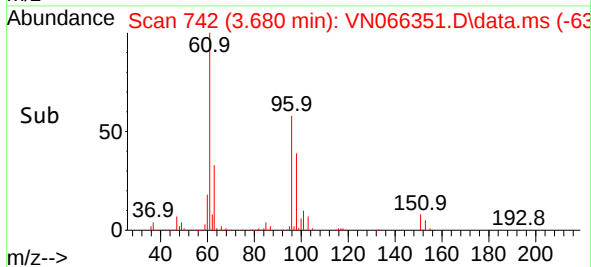
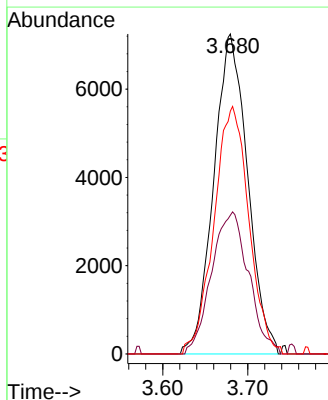
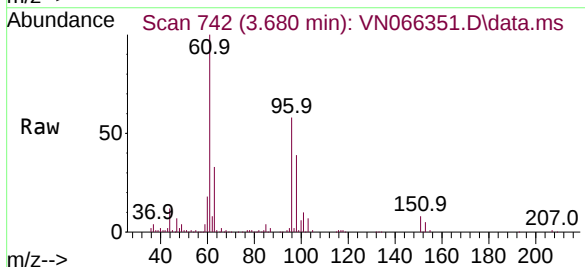
Instrument :
MSVOA_N
ClientSampleId :
MW201D1-20210320

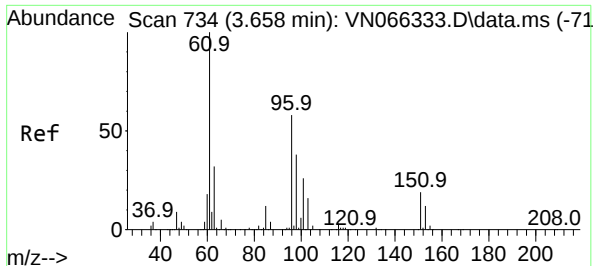
Tgt Ion:101 Resp: 1233293
Ion Ratio Lower Upper
101 100
103 63.2 51.4 77.0



#9
1,1,2-Trichlorotrifluoroethane
Concen: 3.57 ug/l
RT: 3.680 min Scan# 742
Delta R.T. -0.000 min
Lab File: VN066351.D
Acq: 26 Mar 2021 15:59

Tgt Ion:101 Resp: 20051
Ion Ratio Lower Upper
101 100
85 48.7 36.8 55.2
151 79.8 63.0 94.4





#12

1,1-Dichloroethene

Concen: 38.27 ug/l

RT: 3.661 min Scan# 735

Delta R.T. 0.003 min

Lab File: VN066351.D

Acq: 26 Mar 2021 15:59

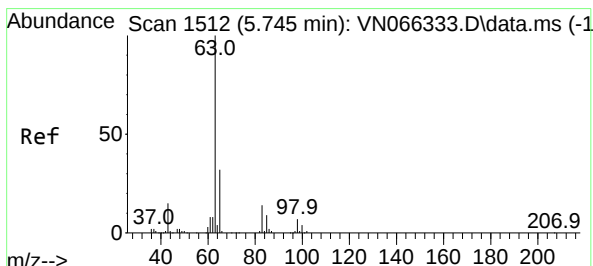
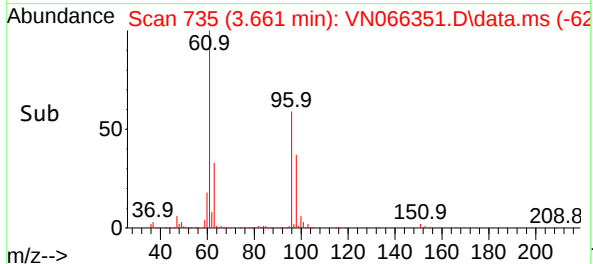
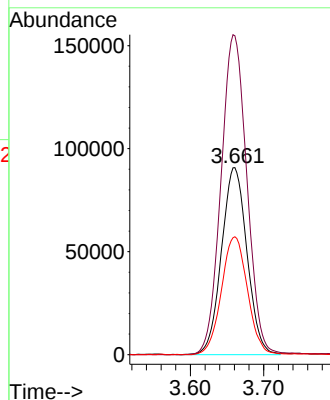
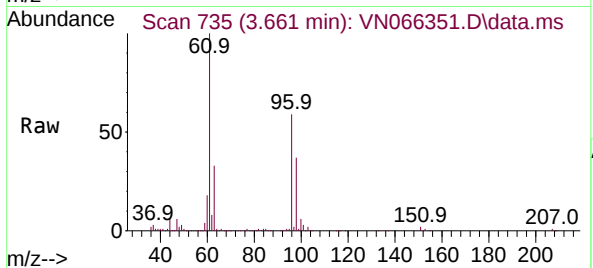
Tgt Ion: 96 Resp: 220093

Ion Ratio Lower Upper

96 100

61 170.4 137.0 205.4

98 63.0 51.5 77.3



#24

1,1-Dichloroethane

Concen: 3.41 ug/l

RT: 5.742 min Scan# 1511

Delta R.T. -0.003 min

Lab File: VN066351.D

Acq: 26 Mar 2021 15:59

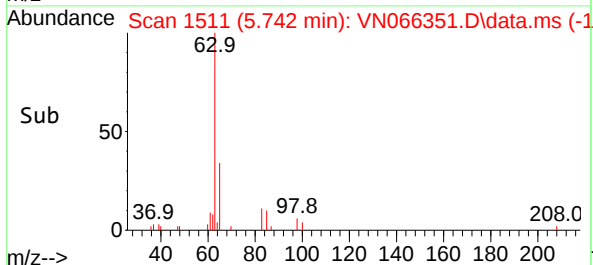
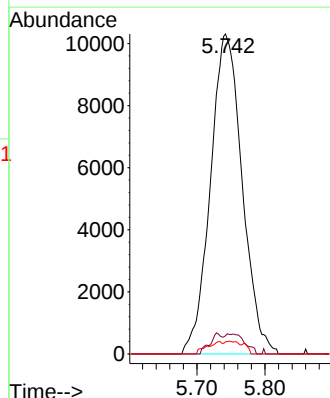
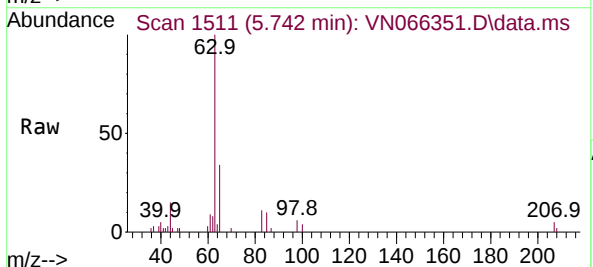
Tgt Ion: 63 Resp: 33451

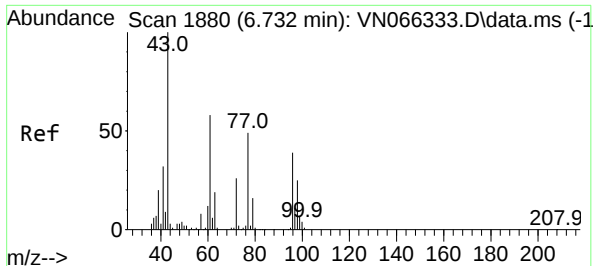
Ion Ratio Lower Upper

63 100

98 5.7 3.4 10.1

100 3.8 2.0 6.0

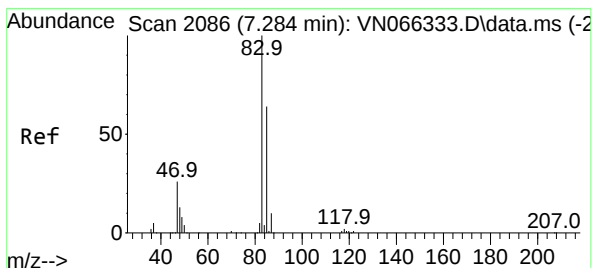
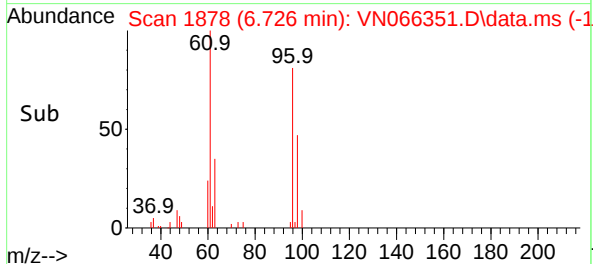
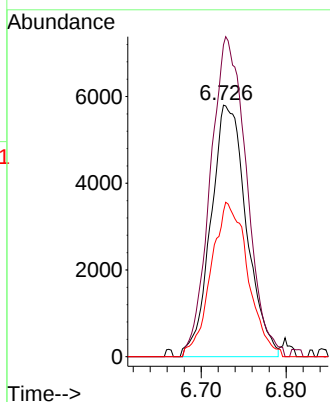
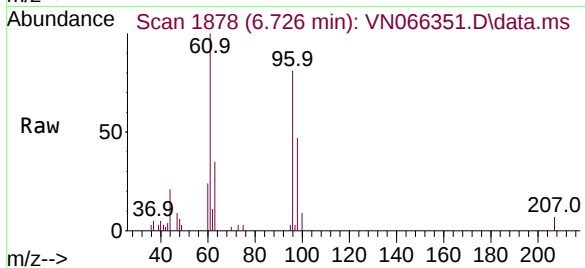




#27
cis-1,2-Dichloroethene
Concen: 2.78 ug/l
RT: 6.726 min Scan# 1878
Delta R.T. -0.005 min
Lab File: VN066351.D
Acq: 26 Mar 2021 15:59

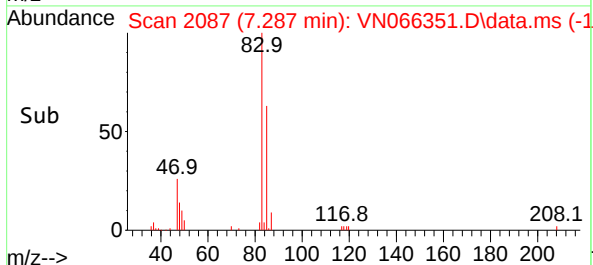
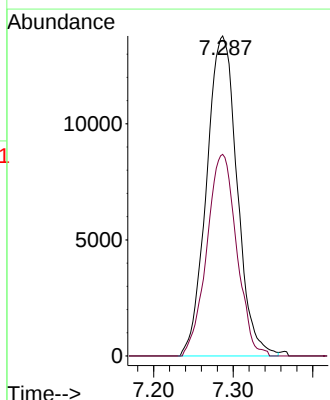
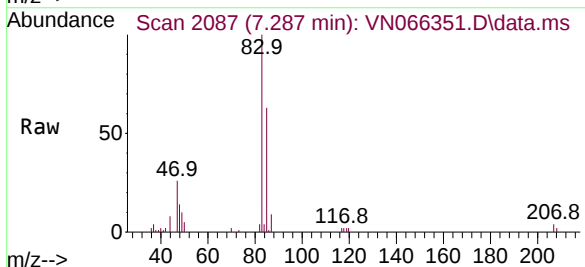
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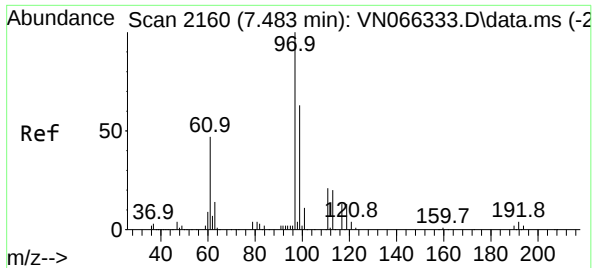
Tgt Ion: 96	Resp: 16895
Ion Ratio	Lower Upper
96 100	
61 129.2	0.0 296.2
98 63.6	0.0 129.2



#30
Chloroform
Concen: 3.76 ug/l
RT: 7.287 min Scan# 2087
Delta R.T. 0.003 min
Lab File: VN066351.D
Acq: 26 Mar 2021 15:59

Tgt Ion: 83	Resp: 36808
Ion Ratio	Lower Upper
83 100	
85 63.0	51.3 76.9

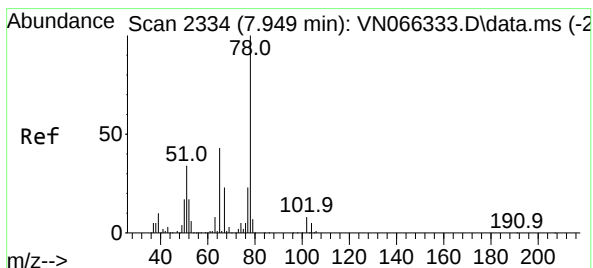
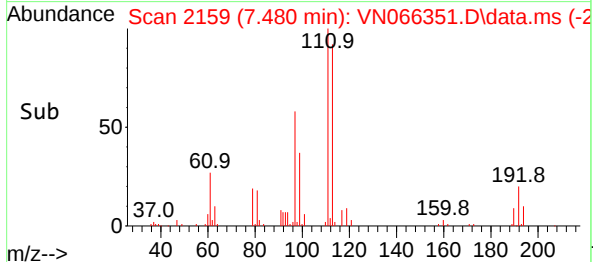
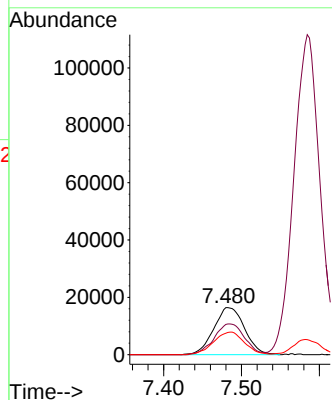
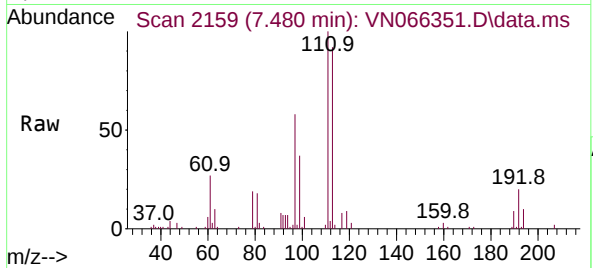




#32
 1,1,1-Trichloroethane
 Concen: 5.26 ug/l
 RT: 7.480 min Scan# 2159
 Delta R.T. -0.003 min
 Lab File: VN066351.D
 Acq: 26 Mar 2021 15:59

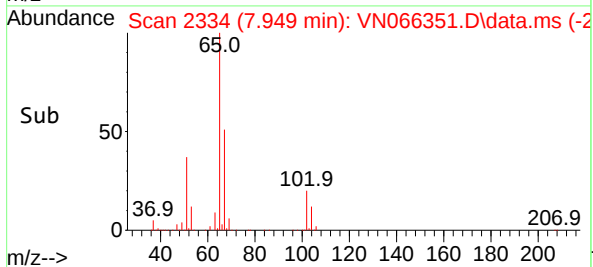
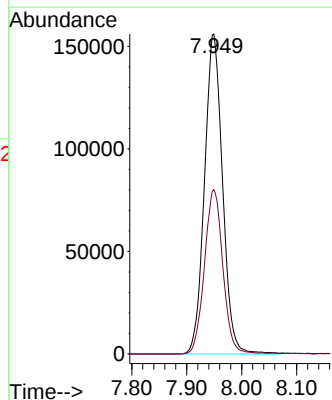
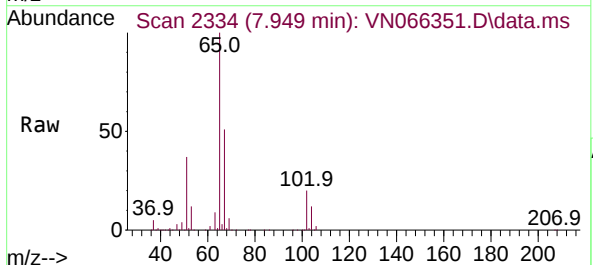
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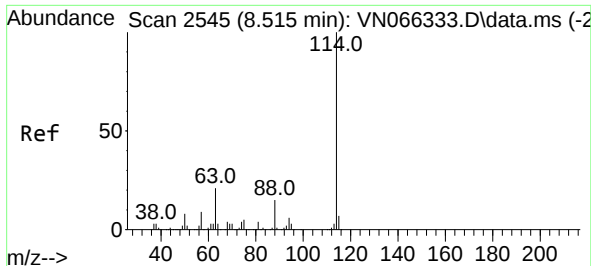
Tgt Ion:	97	Resp:	45228
Ion	Ratio	Lower	Upper
97	100		
99	64.6	51.1	76.7
61	47.9	36.9	55.3



#33
 1,2-Dichloroethane-d4
 Concen: 53.50 ug/l
 RT: 7.949 min Scan# 2334
 Delta R.T. 0.000 min
 Lab File: VN066351.D
 Acq: 26 Mar 2021 15:59

Tgt Ion:	65	Resp:	356849
Ion	Ratio	Lower	Upper
65	100		
67	52.2	0.0	105.2

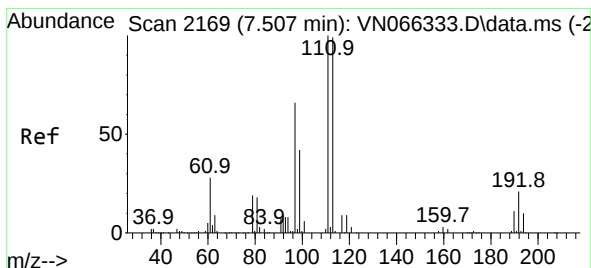
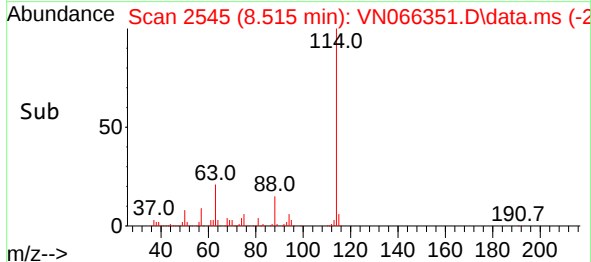
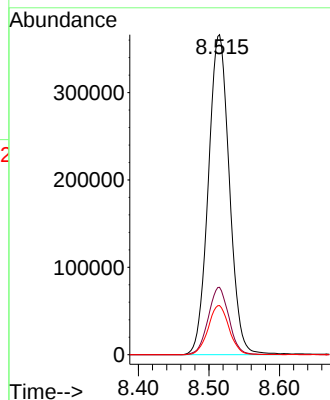
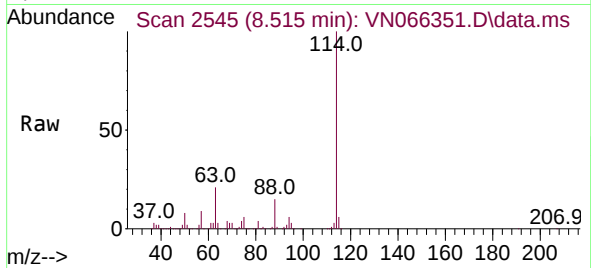




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.515 min Scan# 2545
Delta R.T. 0.000 min
Lab File: VN066351.D
Acq: 26 Mar 2021 15:59

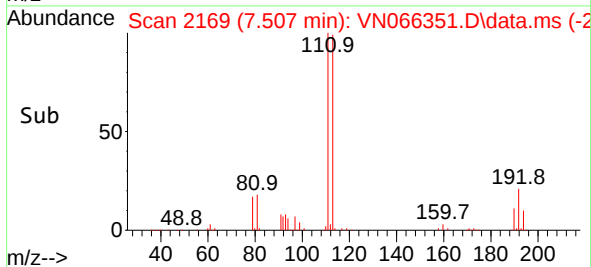
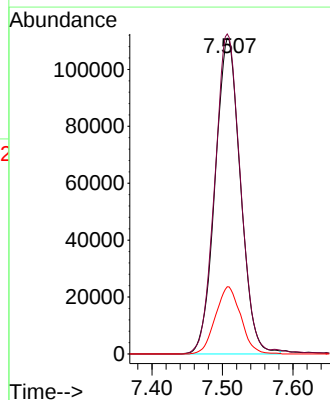
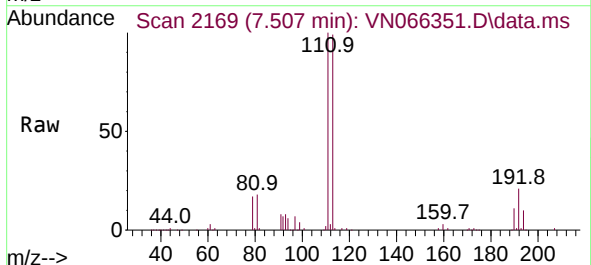
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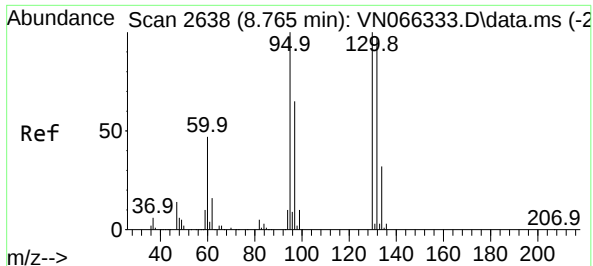
Tgt Ion:	114	Resp:	757368
Ion Ratio	Lower	Upper	
114	100		
63	21.0	0.0	42.0
88	15.3	0.0	31.0



#35
Dibromofluoromethane
Concen: 55.16 ug/l
RT: 7.507 min Scan# 2169
Delta R.T. -0.000 min
Lab File: VN066351.D
Acq: 26 Mar 2021 15:59

Tgt Ion:	113	Resp:	276952
Ion Ratio	Lower	Upper	
113	100		
111	101.9	81.8	122.8
192	21.3	17.1	25.7

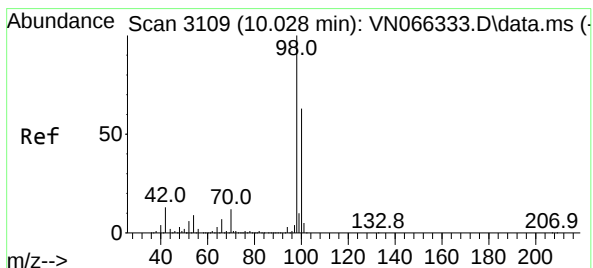
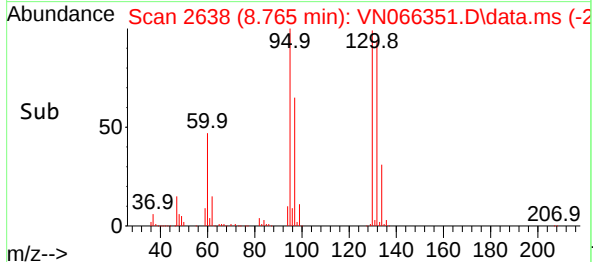
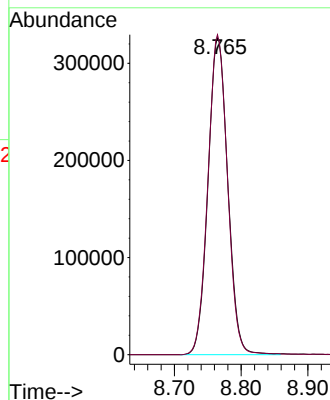
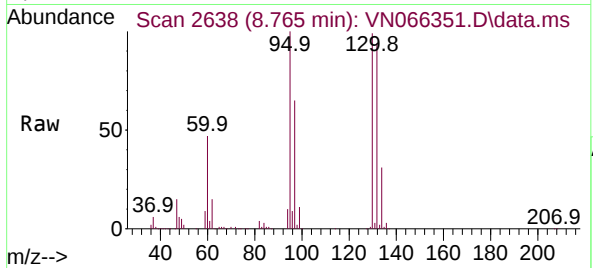




#44
Trichloroethene
Concen: 118.60 ug/l
RT: 8.765 min Scan# 2638
Delta R.T. -0.000 min
Lab File: VN066351.D
Acq: 26 Mar 2021 15:59

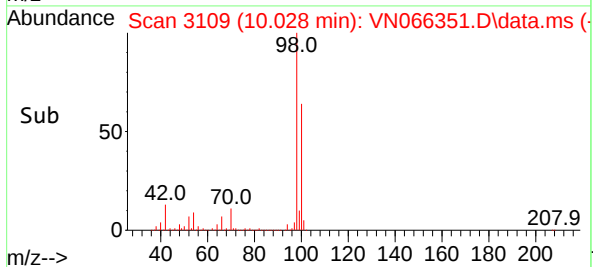
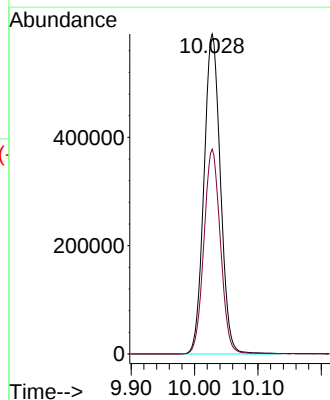
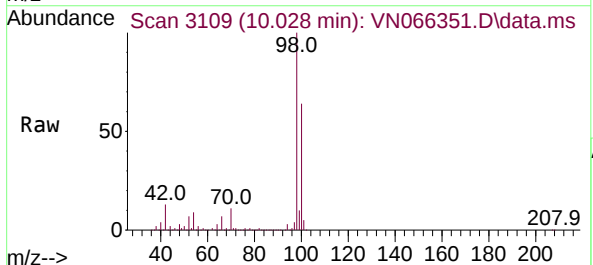
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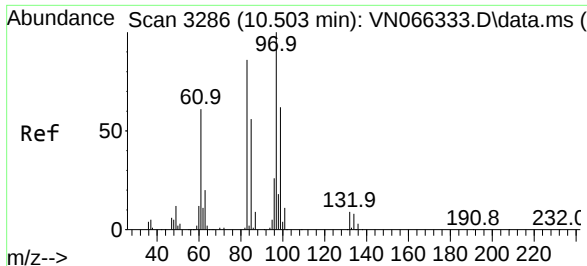
Tgt Ion:130 Resp: 670342
Ion Ratio Lower Upper
130 100
95 101.0 0.0 200.6



#50
Toluene-d8
Concen: 56.12 ug/l
RT: 10.028 min Scan# 3109
Delta R.T. -0.000 min
Lab File: VN066351.D
Acq: 26 Mar 2021 15:59

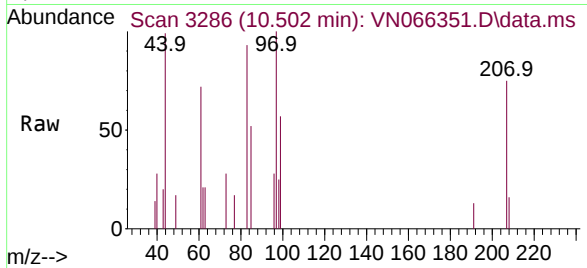
Tgt Ion: 98 Resp: 1068788
Ion Ratio Lower Upper
98 100
100 64.1 50.5 75.7



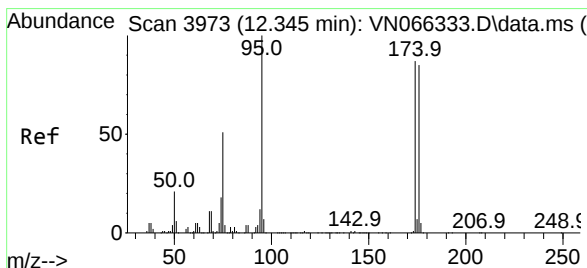
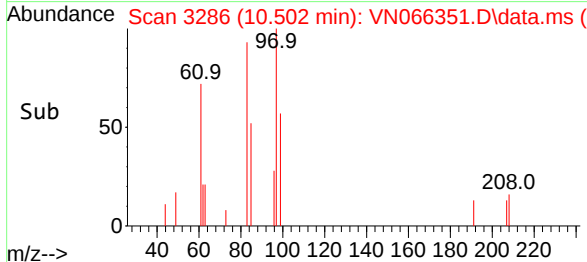
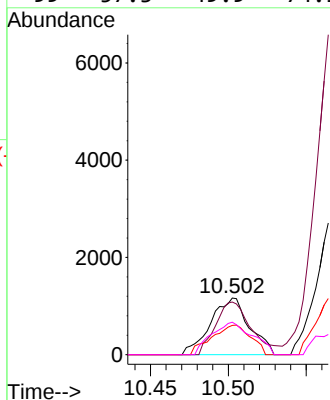


#55
1,1,2-Trichloroethane
Concen: 0.38 ug/l
RT: 10.502 min Scan# 3286
Delta R.T. -0.000 min
Lab File: VN066351.D
Acq: 26 Mar 2021 15:59

Instrument :
MSVOA_N
ClientSampleId :
MW201D1-20210320

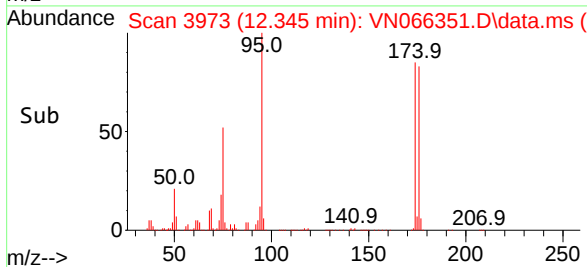
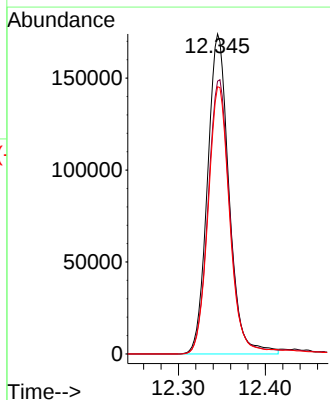
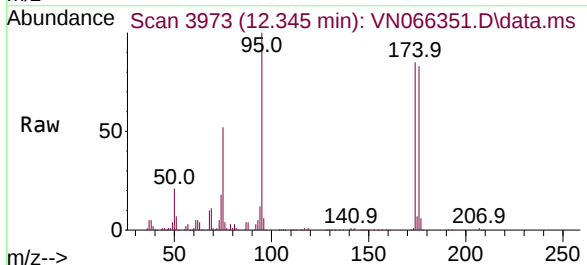


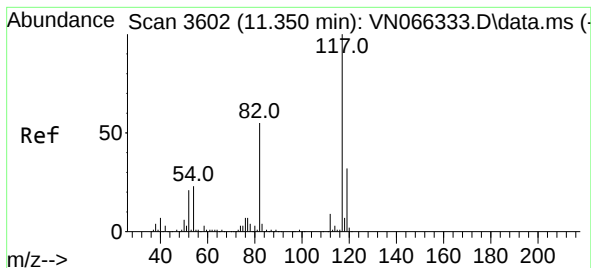
Tgt Ion	Ratio	Lower	Upper
97	100		
83	92.9	68.9	103.3
85	51.8	45.1	67.7
99	57.3	49.9	74.9



#62
4-Bromofluorobenzene
Concen: 45.35 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. -0.000 min
Lab File: VN066351.D
Acq: 26 Mar 2021 15:59

Tgt Ion	Ratio	Lower	Upper
95	100		
174	87.0	0.0	172.2
176	83.0	0.0	167.8

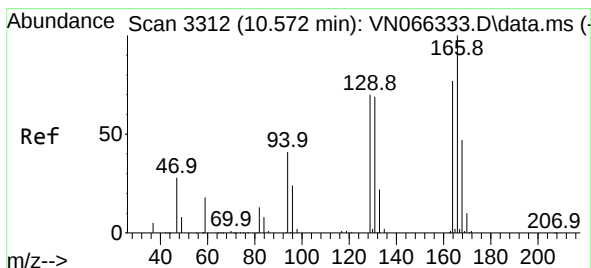
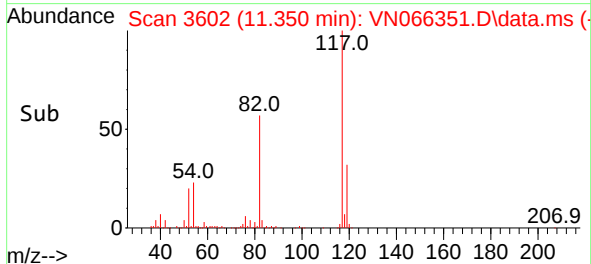
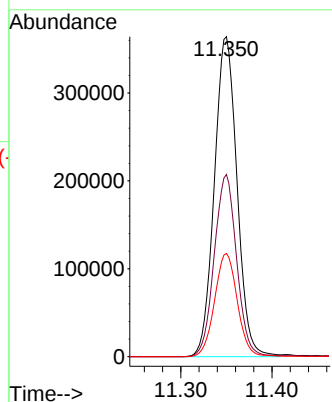
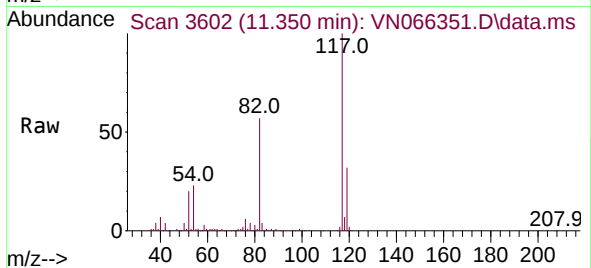




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.350 min Scan# 3602
Delta R.T. -0.000 min
Lab File: VN066351.D
Acq: 26 Mar 2021 15:59

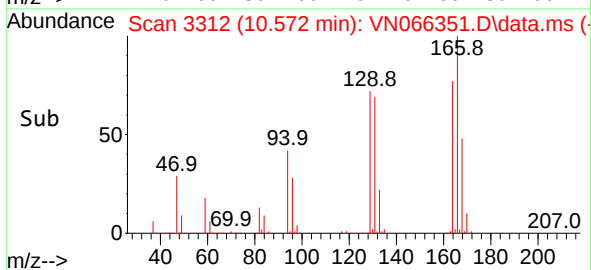
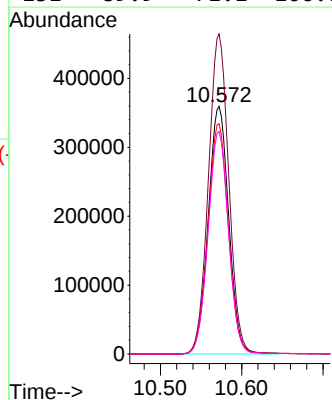
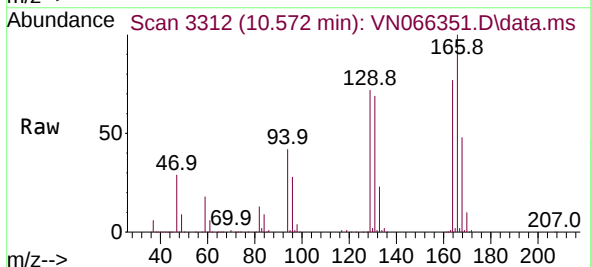
Instrument :
MSVOA_N
ClientSampleId :
MW201D1-20210320

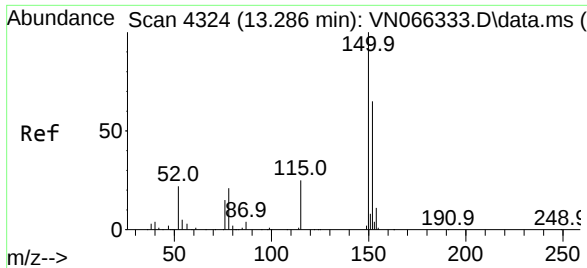
Tgt Ion:117 Resp: 628310
Ion Ratio Lower Upper
117 100
82 57.0 44.2 66.4
119 32.3 25.8 38.6



#64
Tetrachloroethene
Concen: 118.09 ug/l
RT: 10.572 min Scan# 3312
Delta R.T. -0.000 min
Lab File: VN066351.D
Acq: 26 Mar 2021 15:59

Tgt Ion:164 Resp: 631475
Ion Ratio Lower Upper
164 100
166 129.3 103.3 154.9
129 93.1 72.5 108.7
131 89.9 71.1 106.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.289 min Scan# 4325
 Delta R.T. 0.003 min
 Lab File: VN066351.D
 Acq: 26 Mar 2021 15:59

Instrument :
 MSVOA_N
 ClientSampleId :
 MW201D1-20210320

Tgt Ion:152 Resp: 209010
 Ion Ratio Lower Upper
 152 100
 115 57.6 27.8 83.4
 150 157.9 0.0 348.4

