

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120721\
 Data File : VN069835.D
 Acq On : 8 Dec 2021 1:09
 Operator : JC/MD
 Sample : M4957-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW17811-20211206

Quant Time: Dec 08 06:36:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

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

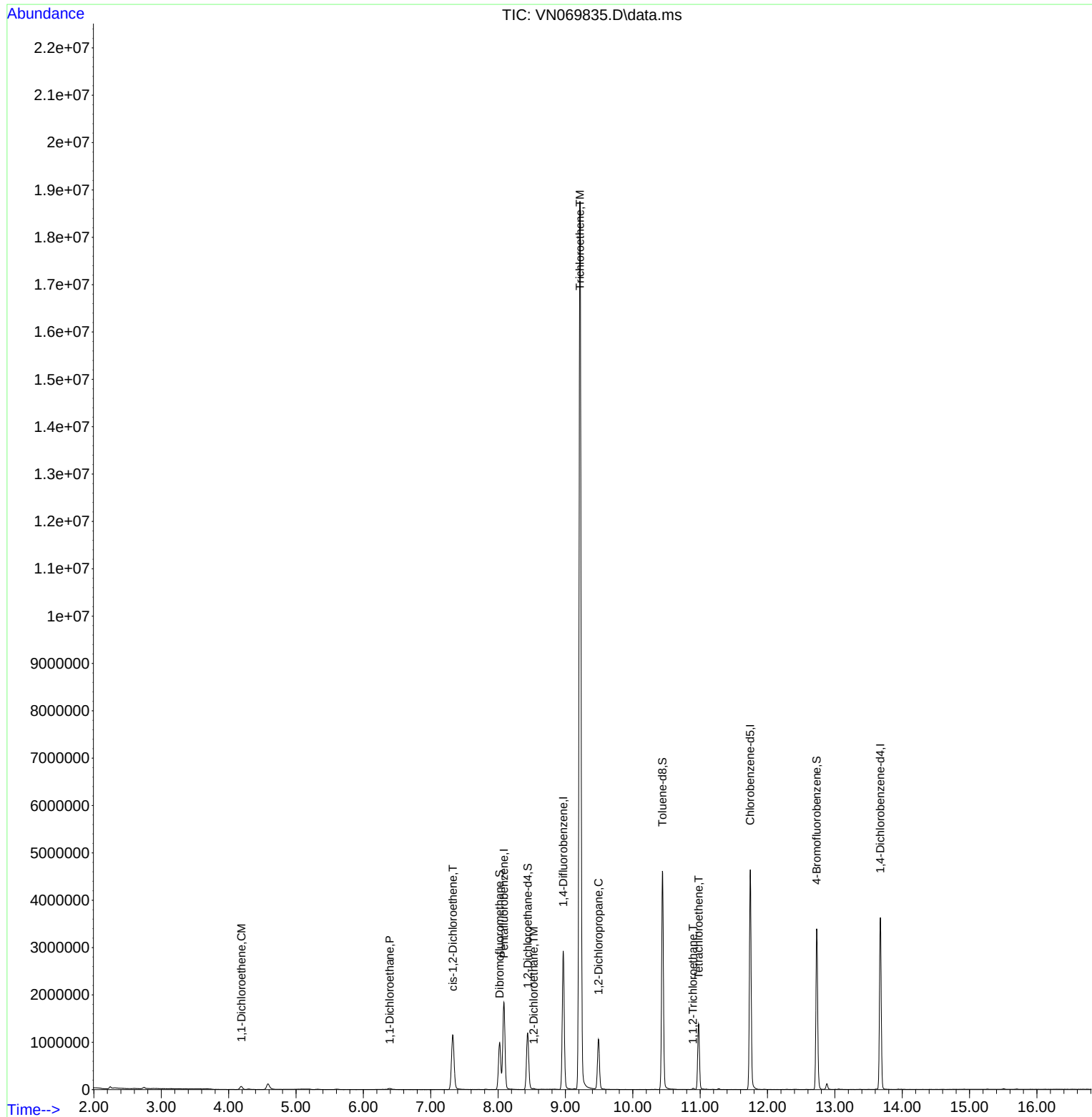
Internal Standards						
1) Pentafluorobenzene	8.088	168	1375278	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2462822	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	2598359	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	968709	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	1052084	49.55	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 99.10%			
35) Dibromofluoromethane	8.024	113	724305	46.95	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 93.90%			
50) Toluene-d8	10.441	98	3141248	50.71	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 101.42%			
62) 4-Bromofluorobenzene	12.731	95	1205530	53.72	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 107.44%			
Target Compounds						
						Qvalue
12) 1,1-Dichloroethene	4.191	96	35461	2.71	ug/l	95
24) 1,1-Dichloroethane	6.391	63	29327	0.98	ug/l	97
27) cis-1,2-Dichloroethene	7.329	96	670745	39.02	ug/l	97
42) 1,2-Dichloroethane	8.528	62	10222	0.35	ug/l	90
44) Trichloroethene	9.215	130	6647913	388.66	ug/l	90
45) 1,2-Dichloropropane	9.491	63	405948	21.09	ug/l	99
55) 1,1,2-Trichloroethane	10.894	97	7548	0.43	ug/l	97
64) Tetrachloroethene	10.977	164	317203	18.00	ug/l	95

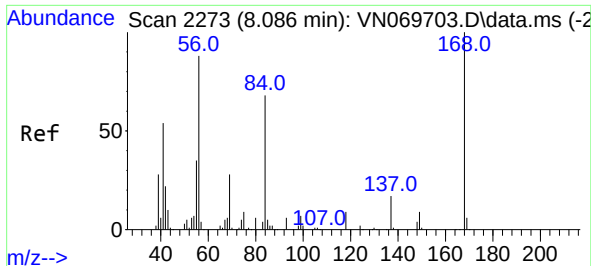
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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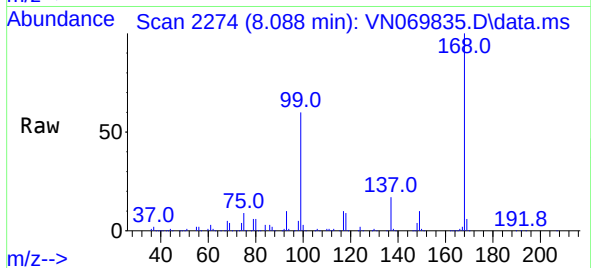
Quant Time: Dec 08 06:36:23 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260
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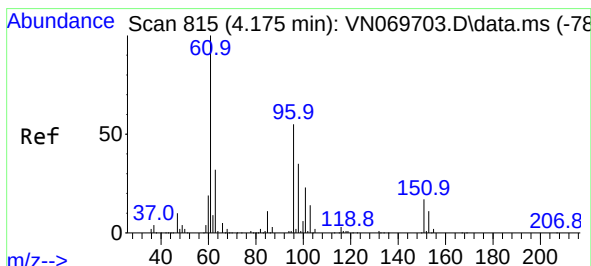
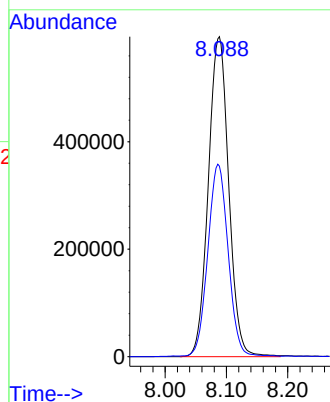
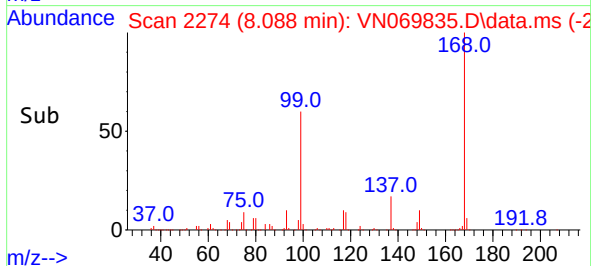


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 8.088 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN069835.D
Acq: 8 Dec 2021 1:09

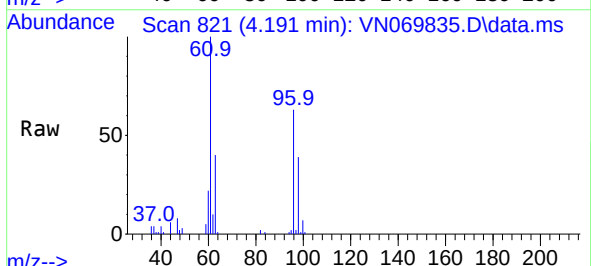
Instrument :
MSVOA_N
ClientSampleId :
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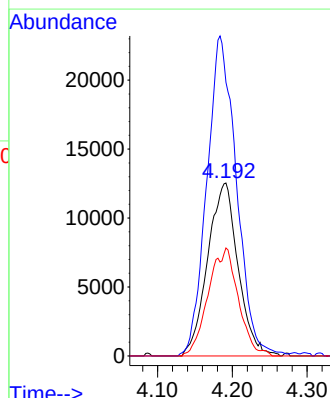
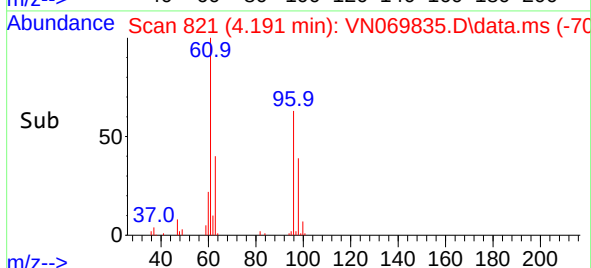
Tgt Ion:168 Resp: 1375278
Ion Ratio Lower Upper
168 100
99 59.4 41.3 61.9

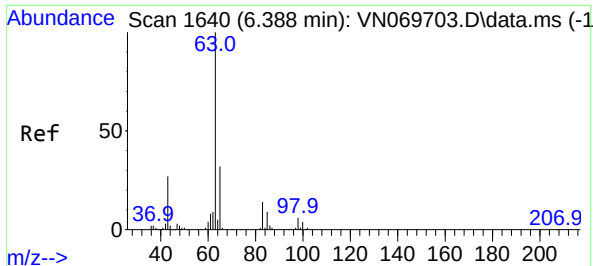


#12
1,1-Dichloroethene
Concen: 2.71 ug/l
RT: 4.191 min Scan# 821
Delta R.T. 0.016 min
Lab File: VN069835.D
Acq: 8 Dec 2021 1:09



Tgt Ion: 96 Resp: 35461
Ion Ratio Lower Upper
96 100
61 156.9 131.0 196.6
98 62.5 52.4 78.6

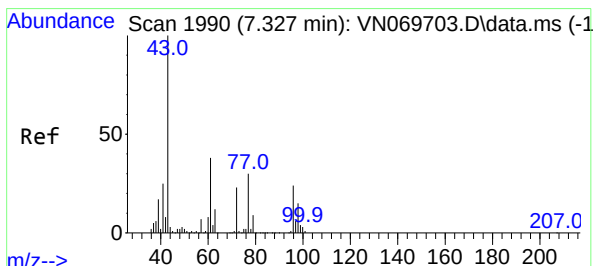
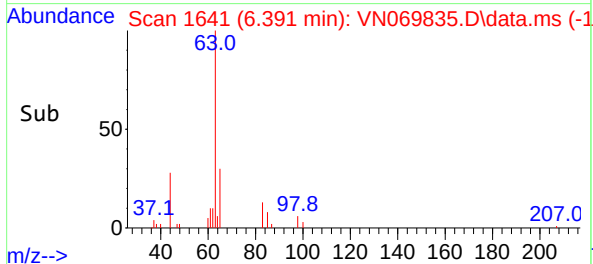
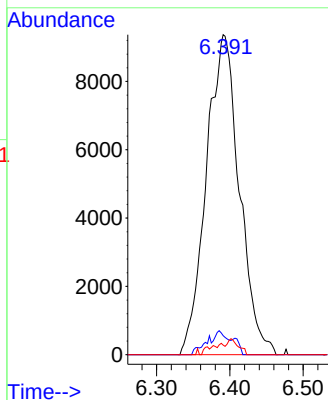
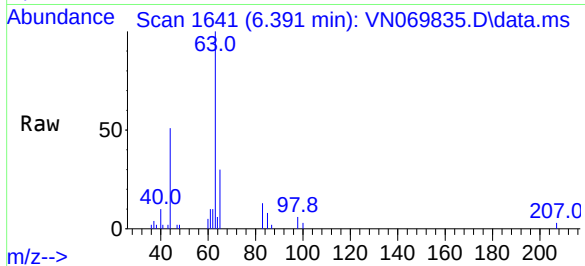




#24
1,1-Dichloroethane
Concen: 0.98 ug/l
RT: 6.391 min Scan# 1
Delta R.T. 0.003 min
Lab File: VN069835.D
Acq: 8 Dec 2021 1:09

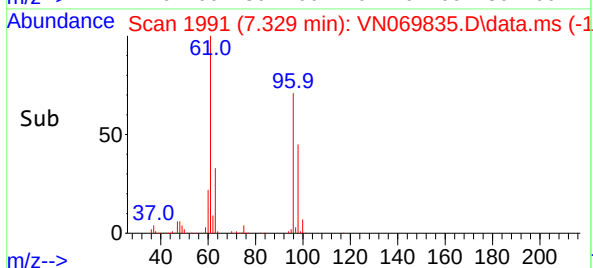
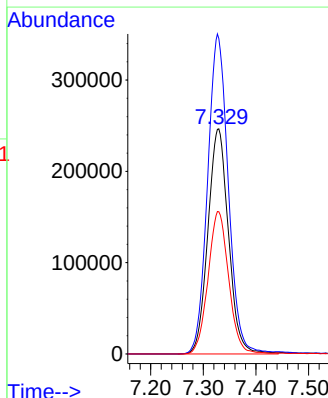
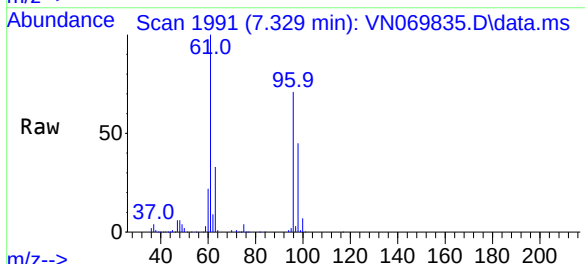
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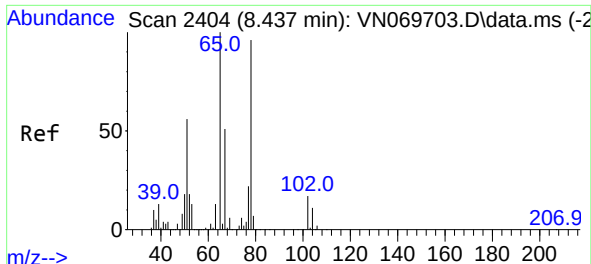
Tgt Ion:	63	Resp:	29327
Ion	Ratio	Lower	Upper
63	100		
98	5.9	3.3	9.9
100	3.0	2.1	6.5



#27
cis-1,2-Dichloroethene
Concen: 39.02 ug/l
RT: 7.329 min Scan# 1991
Delta R.T. 0.003 min
Lab File: VN069835.D
Acq: 8 Dec 2021 1:09

Tgt Ion:	96	Resp:	670745
Ion	Ratio	Lower	Upper
96	100		
61	142.3	0.0	275.0
98	63.3	0.0	129.6

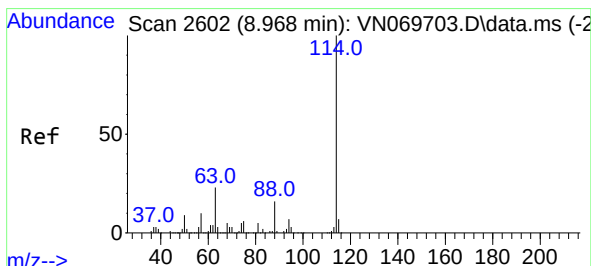
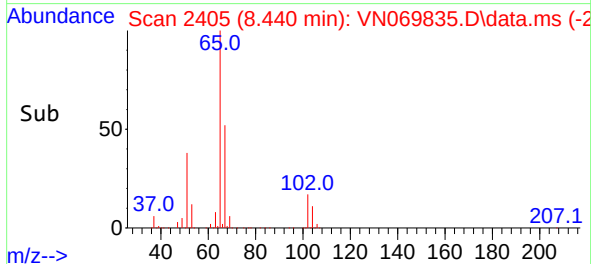
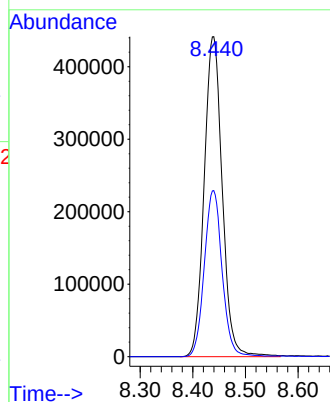
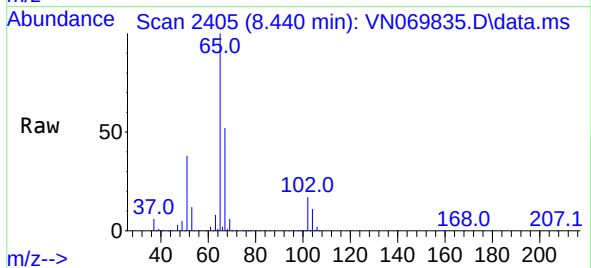




#33
1,2-Dichloroethane-d4
Concen: 49.55 ug/l
RT: 8.440 min Scan# 2404
Delta R.T. 0.003 min
Lab File: VN069835.D
Acq: 8 Dec 2021 1:09

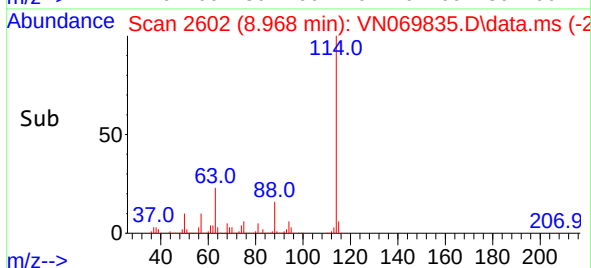
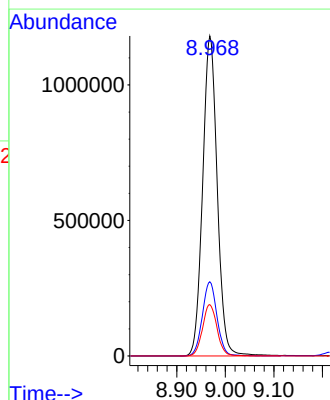
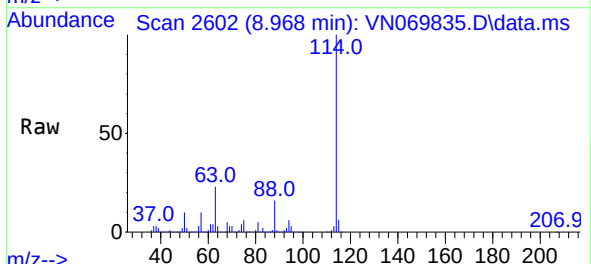
Instrument :
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MW17811-20211206

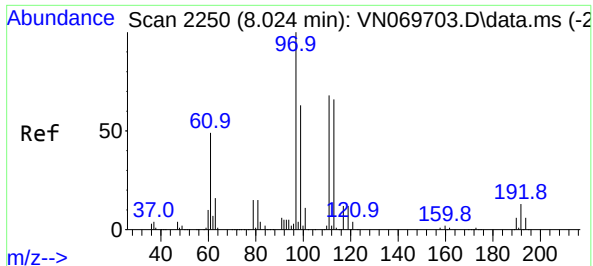
Tgt Ion: 65 Resp: 1052084
Ion Ratio Lower Upper
65 100
67 51.1 0.0 103.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. 0.000 min
Lab File: VN069835.D
Acq: 8 Dec 2021 1:09

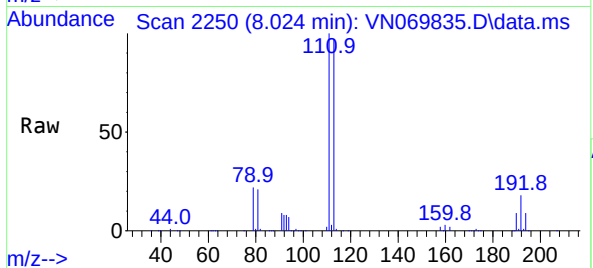
Tgt Ion: 114 Resp: 2462822
Ion Ratio Lower Upper
114 100
63 23.2 0.0 37.8
88 16.0 0.0 27.4





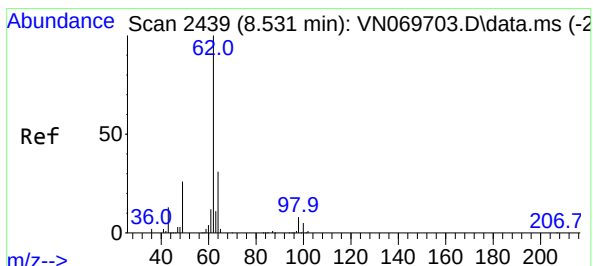
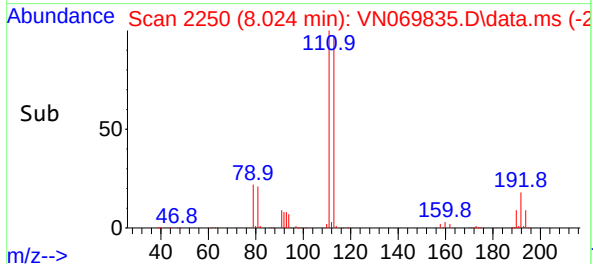
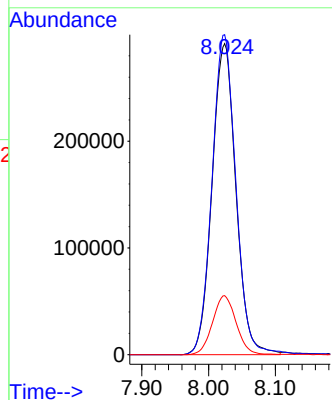
#35
 Dibromofluoromethane
 Concen: 46.95 ug/l
 RT: 8.024 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN069835.D
 Acq: 8 Dec 2021 1:09

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Tgt Ion: 113 Resp: 724305

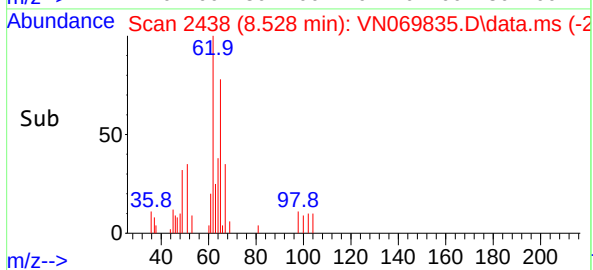
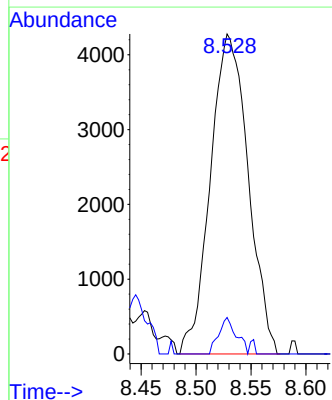
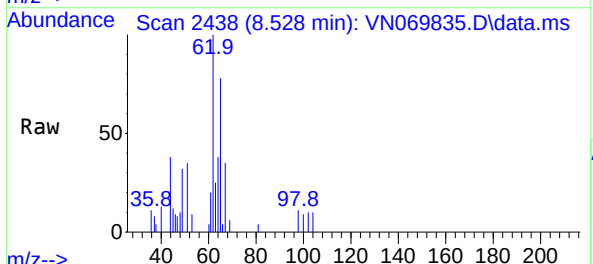
Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.2	123.2
192	18.8	16.9	25.3

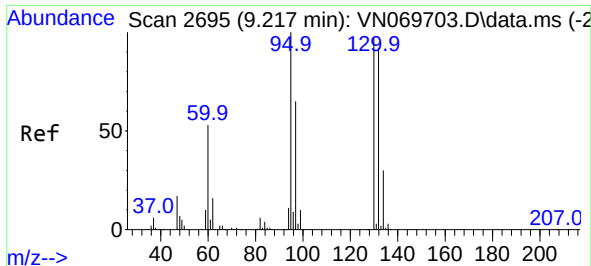


#42
 1,2-Dichloroethane
 Concen: 0.35 ug/l
 RT: 8.528 min Scan# 2438
 Delta R.T. -0.002 min
 Lab File: VN069835.D
 Acq: 8 Dec 2021 1:09

Tgt Ion: 62 Resp: 10222

Ion	Ratio	Lower	Upper
62	100		
98	5.3	0.0	17.6

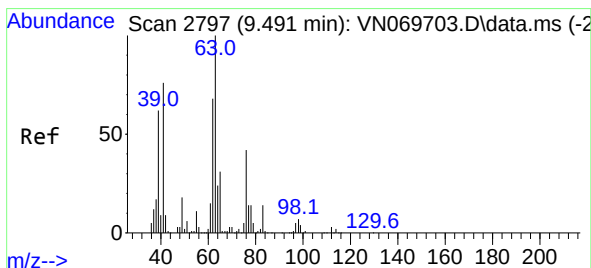
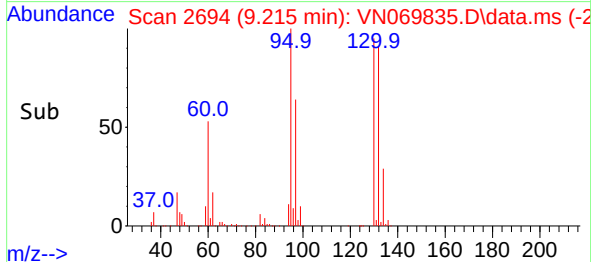
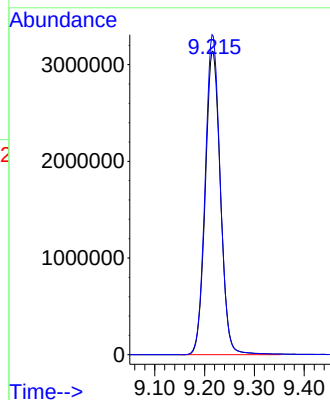
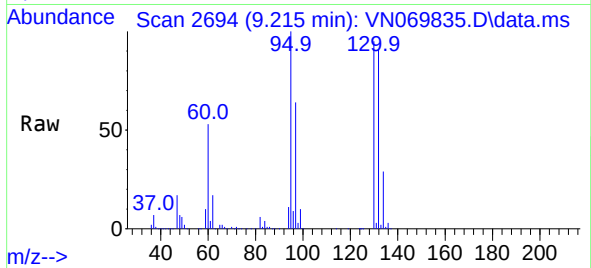




#44
 Trichloroethene
 Concen: 388.66 ug/l
 RT: 9.215 min Scan# 21
 Delta R.T. -0.002 min
 Lab File: VN069835.D
 Acq: 8 Dec 2021 1:09

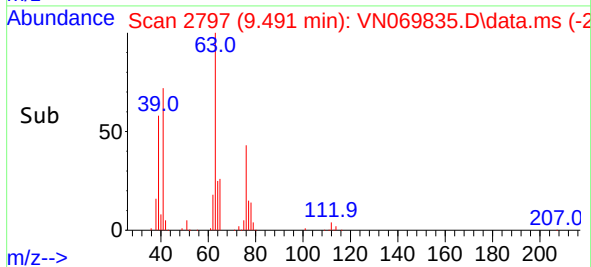
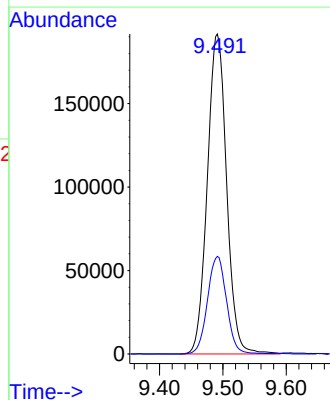
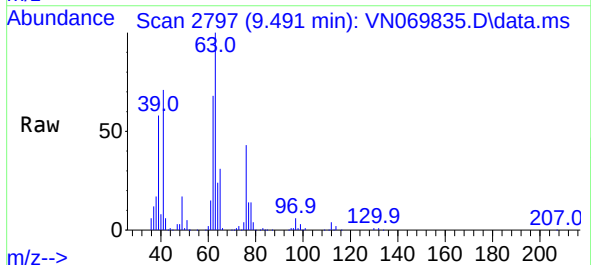
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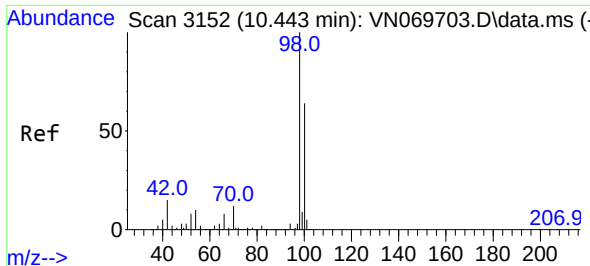
Tgt Ion:130 Resp: 6647913
 Ion Ratio Lower Upper
 130 100
 95 105.4 0.0 191.2



#45
 1,2-Dichloropropane
 Concen: 21.09 ug/l
 RT: 9.491 min Scan# 2797
 Delta R.T. 0.000 min
 Lab File: VN069835.D
 Acq: 8 Dec 2021 1:09

Tgt Ion: 63 Resp: 405948
 Ion Ratio Lower Upper
 63 100
 65 30.5 24.7 37.1

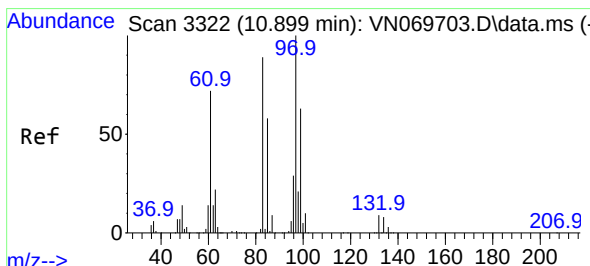
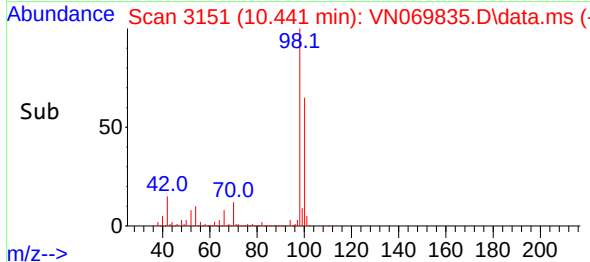
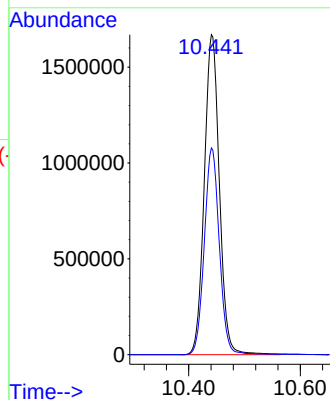
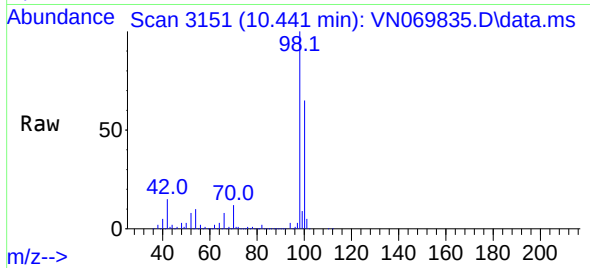




#50
Toluene-d8
Concen: 50.71 ug/l
RT: 10.441 min Scan# 3152
Delta R.T. -0.002 min
Lab File: VN069835.D
Acq: 8 Dec 2021 1:09

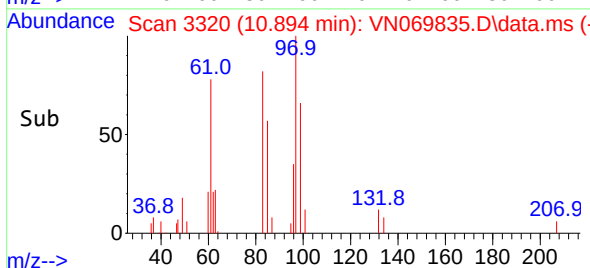
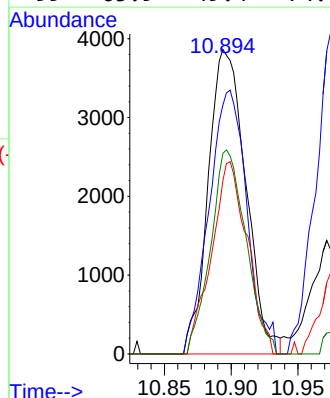
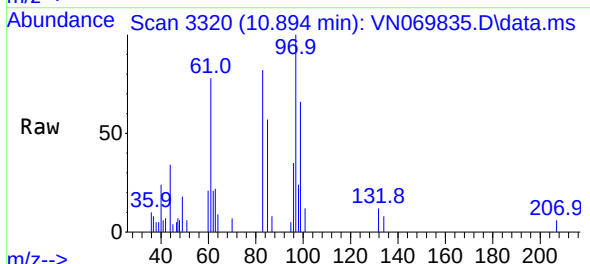
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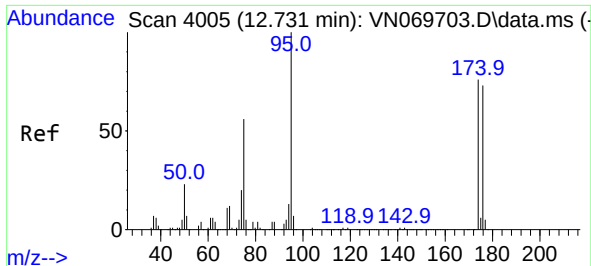
Tgt Ion: 98 Resp: 3141248
Ion Ratio Lower Upper
98 100
100 64.4 50.4 75.6



#55
1,1,2-Trichloroethane
Concen: 0.43 ug/l
RT: 10.894 min Scan# 3320
Delta R.T. -0.005 min
Lab File: VN069835.D
Acq: 8 Dec 2021 1:09

Tgt Ion: 97 Resp: 7548
Ion Ratio Lower Upper
97 100
83 81.8 67.8 101.6
85 57.0 45.4 68.2
99 65.9 49.4 74.0

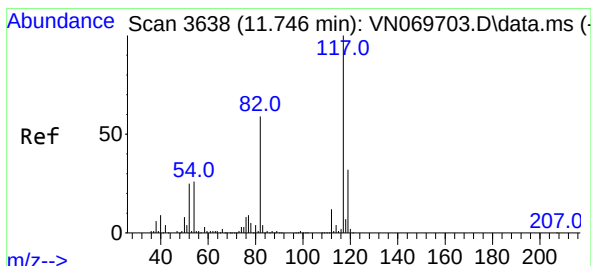
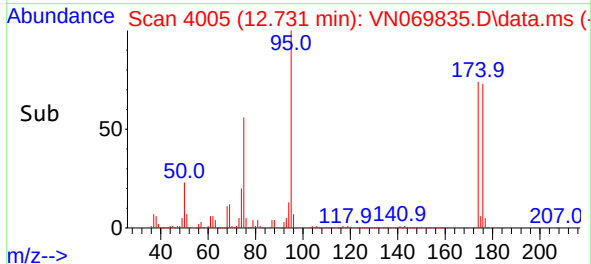
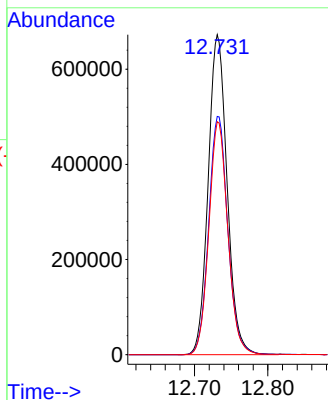
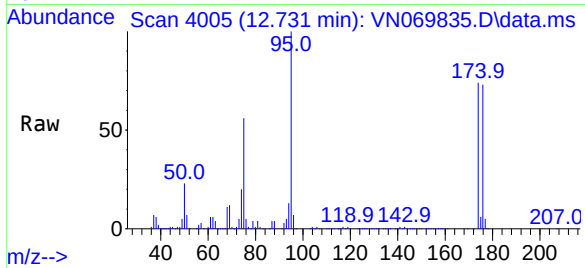




#62
4-Bromofluorobenzene
Concen: 53.72 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN069835.D
Acq: 8 Dec 2021 1:09

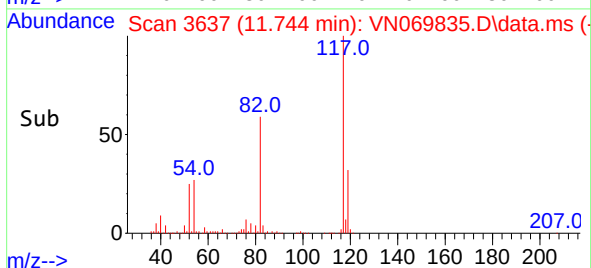
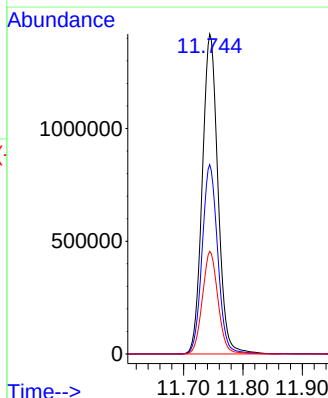
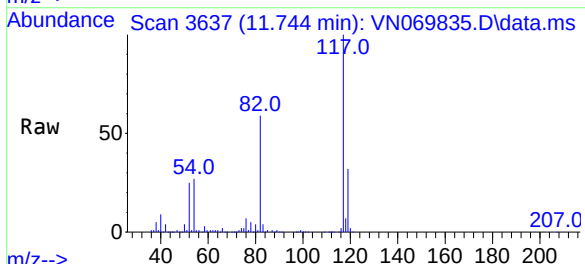
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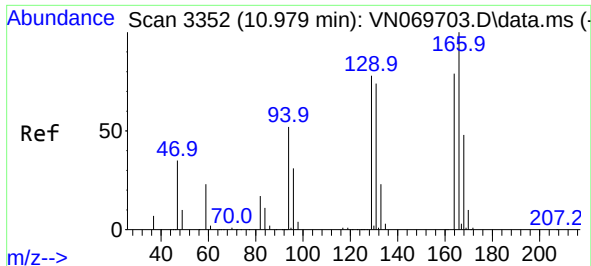
Tgt Ion: 95 Resp: 1205530
Ion Ratio Lower Upper
95 100
174 75.5 0.0 187.2
176 73.1 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.002 min
Lab File: VN069835.D
Acq: 8 Dec 2021 1:09

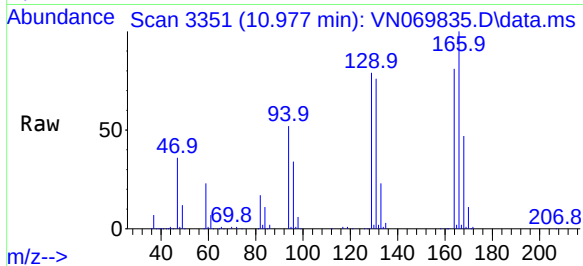
Tgt Ion: 117 Resp: 2598359
Ion Ratio Lower Upper
117 100
82 59.2 42.4 63.6
119 32.1 25.4 38.2





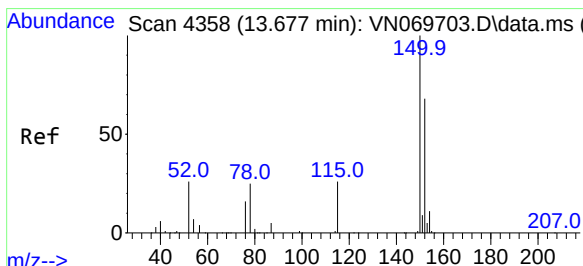
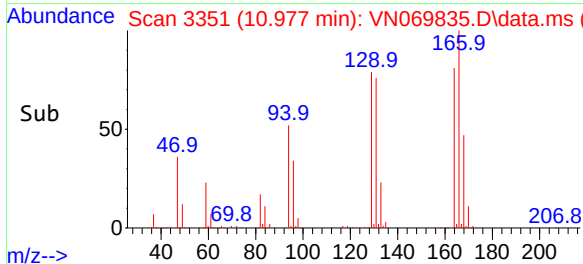
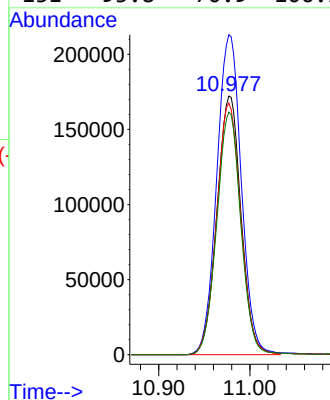
#64
Tetrachloroethene
Concen: 18.00 ug/l
RT: 10.977 min Scan# 31
Delta R.T. -0.002 min
Lab File: VN069835.D
Acq: 8 Dec 2021 1:09

Instrument :
MSVOA_N
ClientSampleId :
MW17811-20211206



Tgt Ion:164 Resp: 317203

Ion	Ratio	Lower	Upper
164	100		
166	123.7	101.9	152.9
129	97.3	72.0	108.0
131	93.8	70.9	106.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.002 min
Lab File: VN069835.D
Acq: 8 Dec 2021 1:09

Tgt Ion:152 Resp: 968709

Ion	Ratio	Lower	Upper
152	100		
115	61.4	27.5	82.5
150	158.0	0.0	344.4

