

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072122\
 Data File : VN073563.D
 Acq On : 21 Jul 2022 18:23
 Operator : JC\MD
 Sample : N3771-02 20X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-7F

Quant Time: Jul 22 08:01:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 01:54:03 2022
 Response via : Initial Calibration

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

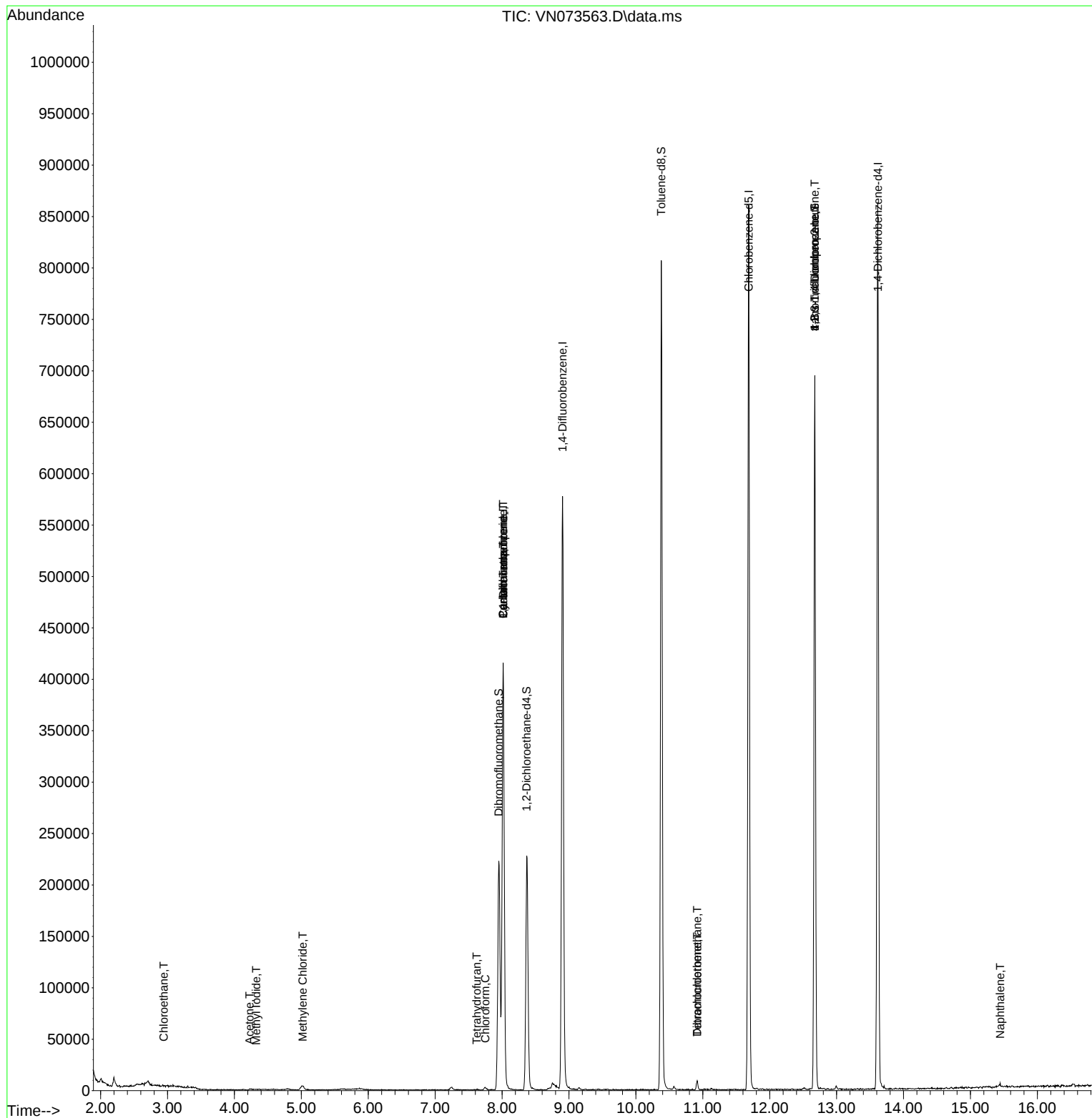
Internal Standards						
1) Pentafluorobenzene	8.016	168	311623	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	503346	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	465963	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	233475	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	186681	41.497	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	83.000%		
35) Dibromofluoromethane	7.951	113	163048	48.688	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.380%		
50) Toluene-d8	10.380	98	542446	45.607	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	91.220%		
62) 4-Bromofluorobenzene	12.674	95	226518	49.558	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.120%		
Target Compounds						Qvalue
6) Chloroethane	2.946	64	666	0.301	ug/l #	61
10) Methyl Iodide	4.328	142	56	3.747	ug/l #	44
16) Acetone	4.228	43	1025	0.406	ug/l #	42
20) Methylene Chloride	5.022	84	3252	0.733	ug/l #	72
29) Tetrahydrofuran	7.622	42	582	0.211	ug/l #	36
30) Chloroform	7.751	83	2407	0.320	ug/l #	71
31) Cyclohexane	8.016	56	6837	0.928	ug/l #	4
36) 1,1-Dichloropropene	8.016	75	24483	4.751	ug/l #	49
38) Carbon Tetrachloride	8.016	117	30710	5.763	ug/l #	16
60) Dibromochloromethane	10.916	129	1932	0.501	ug/l #	11
64) Tetrachloroethene	10.916	164	1746	0.459	ug/l #	86
76) 1,2,3-Trichloropropane	12.674	75	118276	19.374	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.674	75	118276	53.132	ug/l #	10
95) Naphthalene	15.445	128	3664	0.204	ug/l #	92

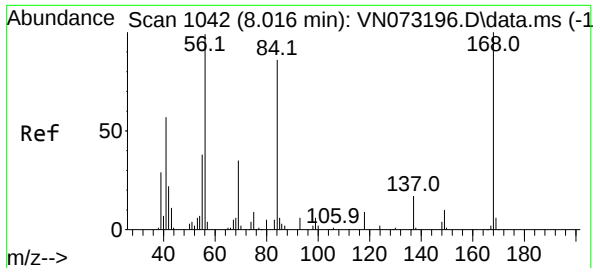
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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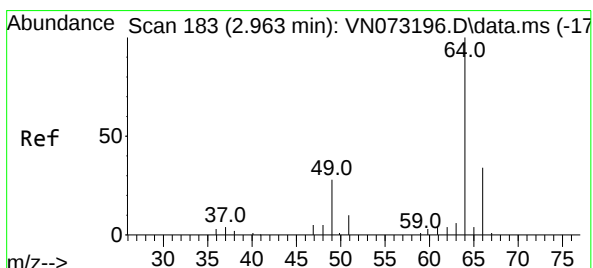
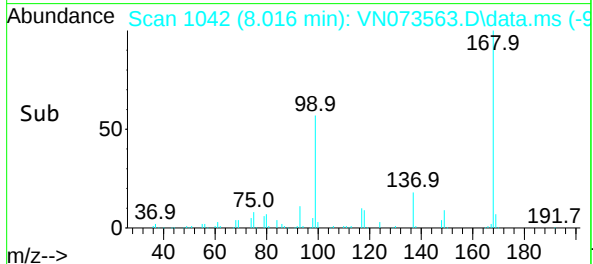
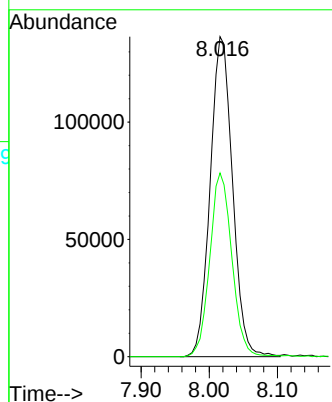
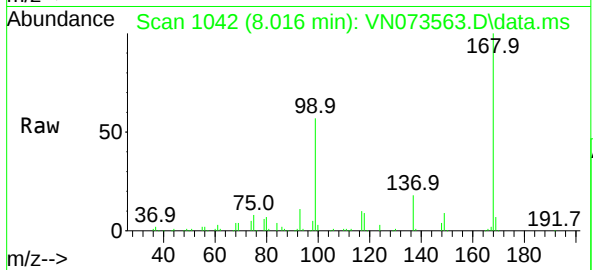




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073563.D
Acq: 21 Jul 2022 18:23

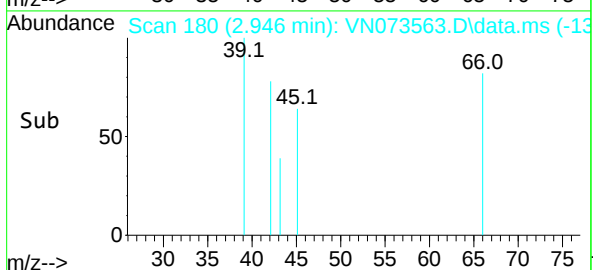
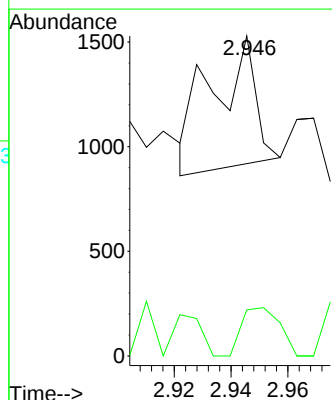
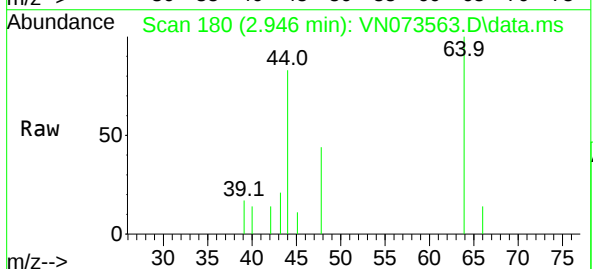
Instrument :
MSVOA_N
ClientSampleId :
MW-7F

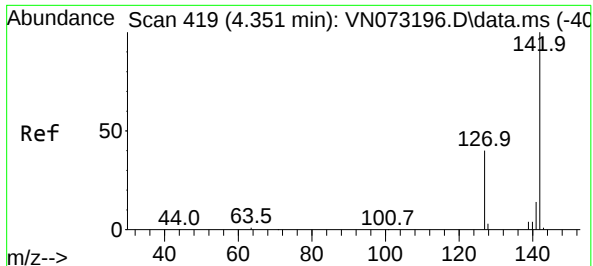
Tgt Ion:168 Resp: 311623
Ion Ratio Lower Upper
168 100
99 57.4 42.3 63.5



#6
Chloroethane
Concen: 0.301 ug/l
RT: 2.946 min Scan# 180
Delta R.T. -0.017 min
Lab File: VN073563.D
Acq: 21 Jul 2022 18:23

Tgt Ion: 64 Resp: 666
Ion Ratio Lower Upper
64 100
66 10.7 26.2 39.4#

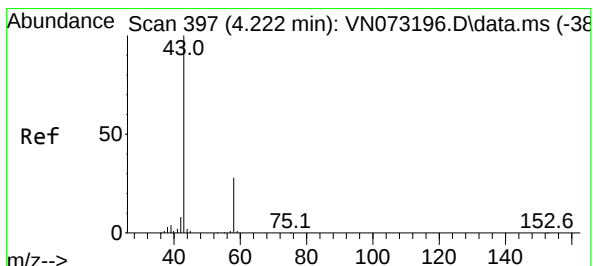
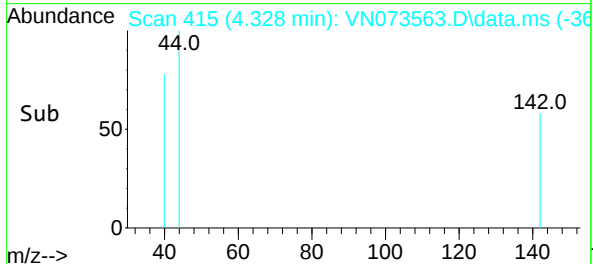
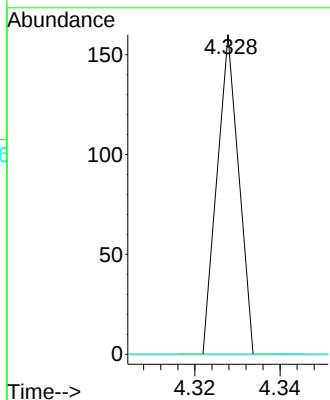
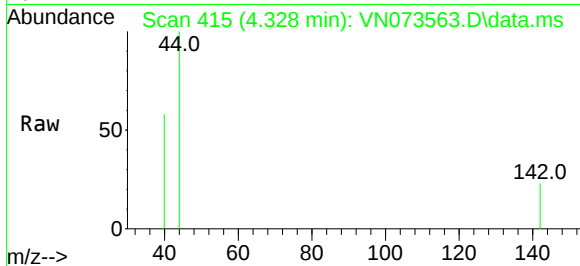




#10
Methyl Iodide
Concen: 3.747 ug/l
RT: 4.328 min Scan# 41
Delta R.T. -0.023 min
Lab File: VN073563.D
Acq: 21 Jul 2022 18:23

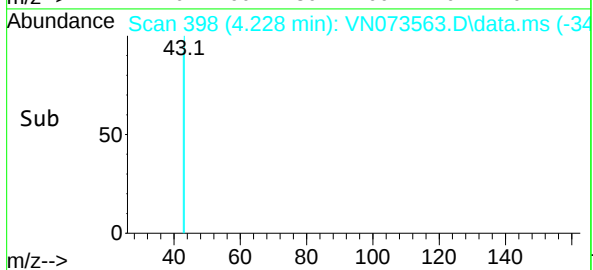
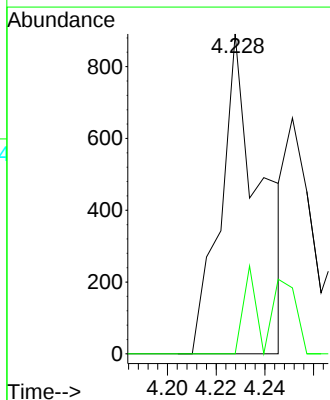
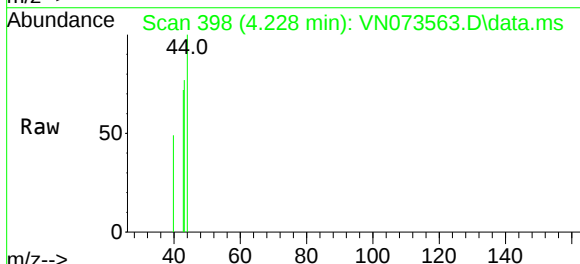
Instrument :
MSVOA_N
ClientSampleId :
MW-7F

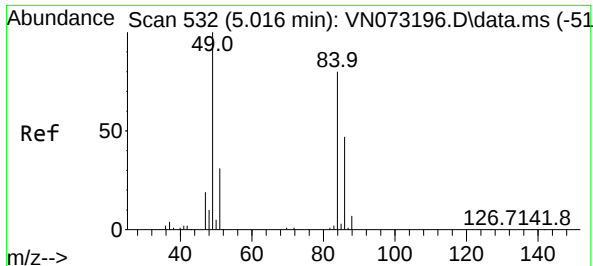
Tgt Ion:142 Resp: 56
Ion Ratio Lower Upper
142 100
127 0.0 31.3 46.9#
141 0.0 11.2 16.8#



#16
Acetone
Concen: 0.406 ug/l
RT: 4.228 min Scan# 398
Delta R.T. 0.006 min
Lab File: VN073563.D
Acq: 21 Jul 2022 18:23

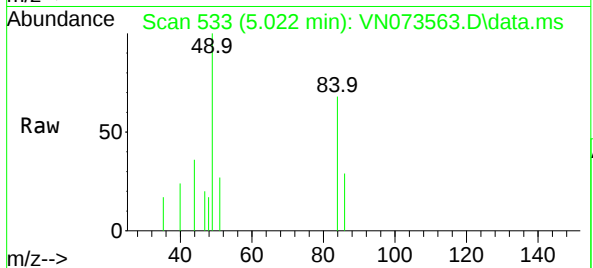
Tgt Ion: 43 Resp: 1025
Ion Ratio Lower Upper
43 100
58 0.0 26.0 39.0#



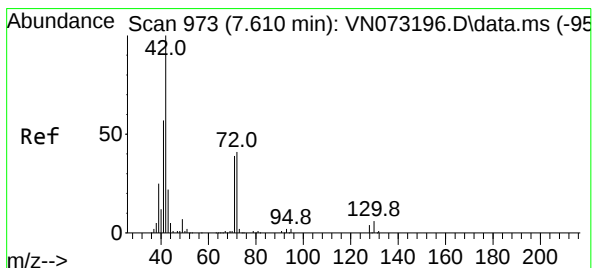
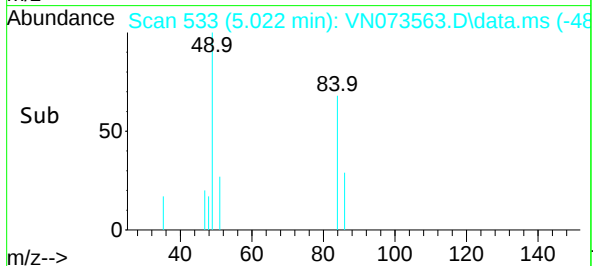
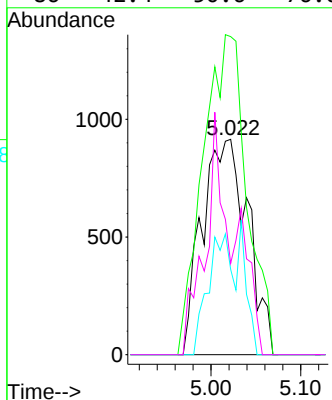


#20
Methylene Chloride
Concen: 0.733 ug/l
RT: 5.022 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN073563.D
Acq: 21 Jul 2022 18:23

Instrument :
MSVOA_N
ClientSampleId :
MW-7F

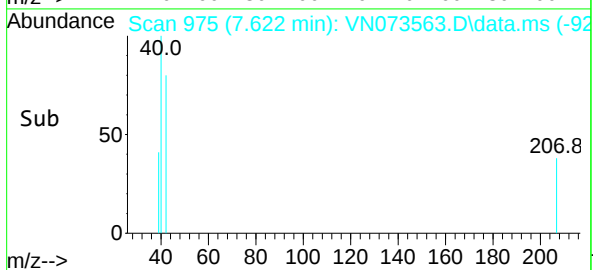
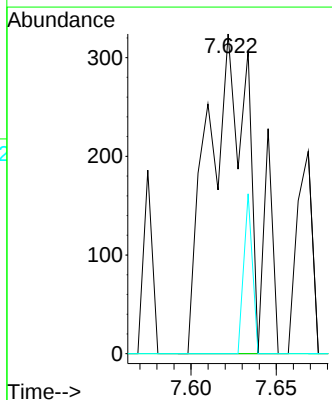
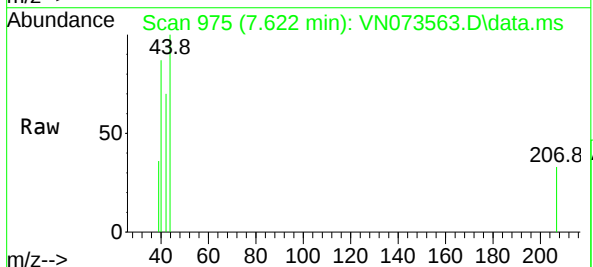


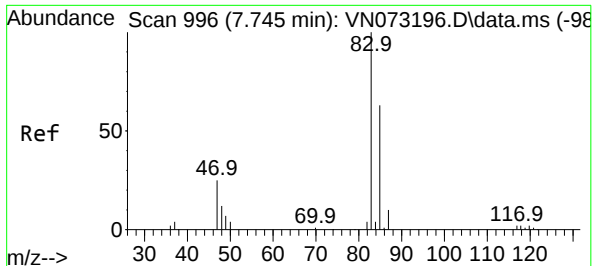
Tgt Ion:	84	Resp:	3252
Ion	Ratio	Lower	Upper
84	100		
49	147.8	88.3	132.5#
51	39.6	28.2	42.2
86	42.4	50.6	76.0#



#29
Tetrahydrofuran
Concen: 0.211 ug/l
RT: 7.622 min Scan# 975
Delta R.T. 0.012 min
Lab File: VN073563.D
Acq: 21 Jul 2022 18:23

Tgt Ion:	42	Resp:	582
Ion	Ratio	Lower	Upper
42	100		
72	0.0	39.7	59.5#
71	9.8	36.6	55.0#





#30

Chloroform

Concen: 0.320 ug/l

RT: 7.751 min Scan# 996

Delta R.T. 0.006 min

Lab File: VN073563.D

Acq: 21 Jul 2022 18:23

Instrument :

MSVOA_N

ClientSampleId :

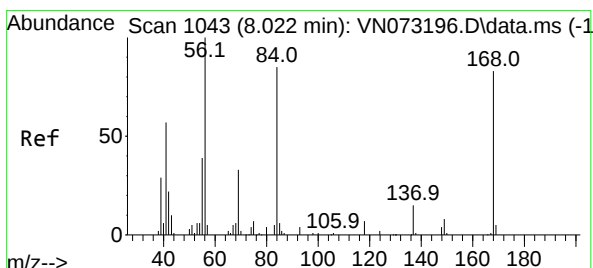
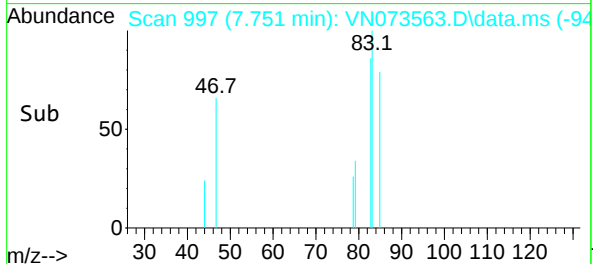
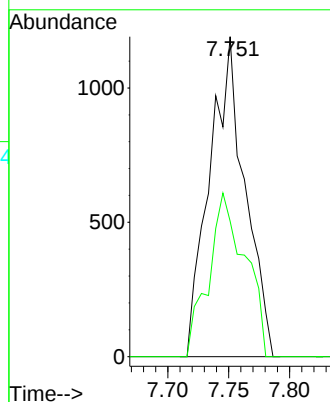
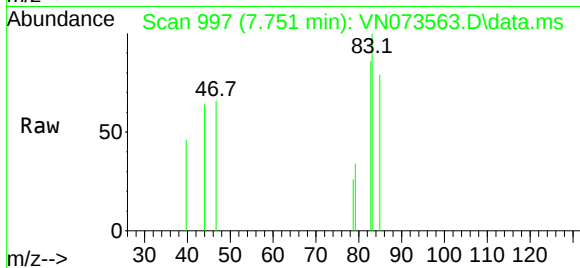
MW-7F

Tgt Ion: 83 Resp: 2407

Ion Ratio Lower Upper

83 100

85 42.3 51.8 77.8#



#31

Cyclohexane

Concen: 0.928 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.006 min

Lab File: VN073563.D

Acq: 21 Jul 2022 18:23

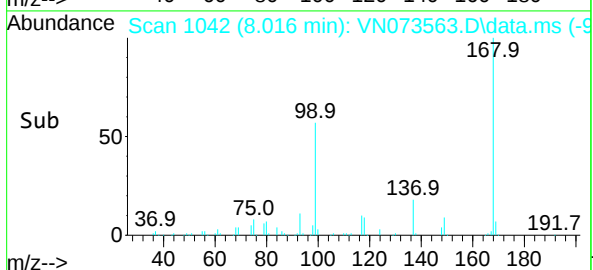
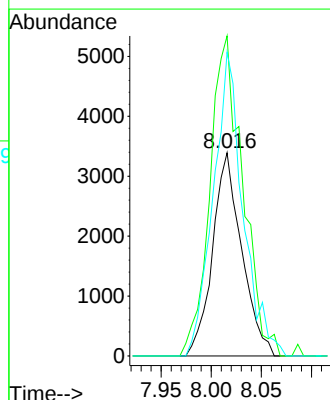
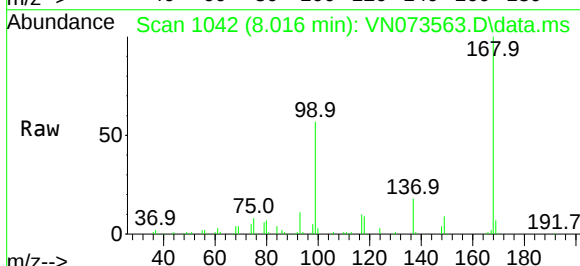
Tgt Ion: 56 Resp: 6837

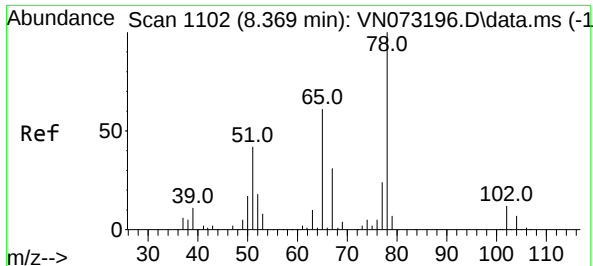
Ion Ratio Lower Upper

56 100

69 157.4 27.8 41.8#

84 149.4 76.9 115.3#

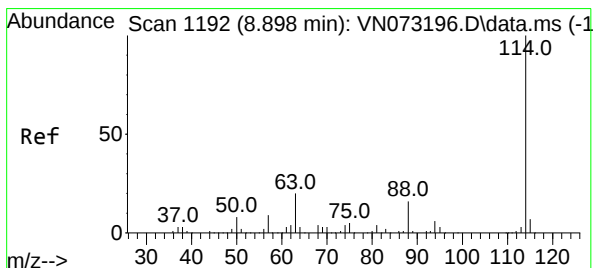
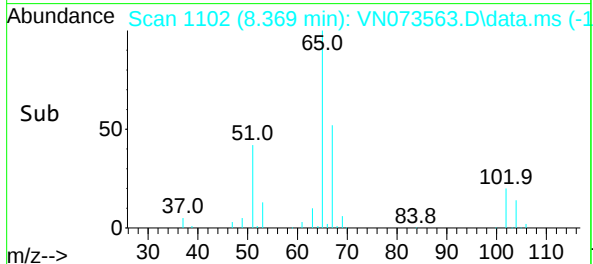
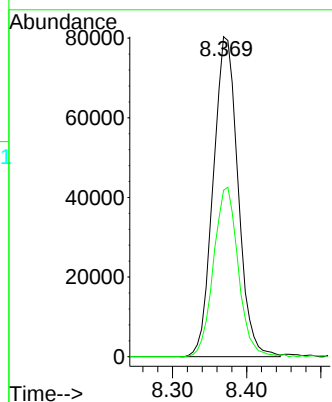
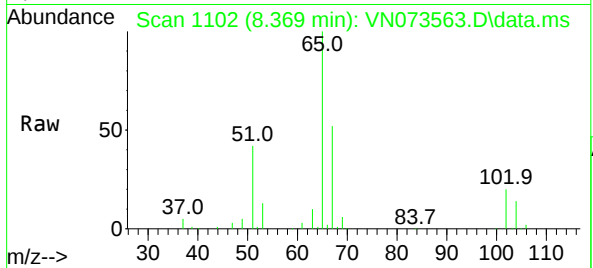




#33
1,2-Dichloroethane-d4
Concen: 41.497 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN073563.D
Acq: 21 Jul 2022 18:23

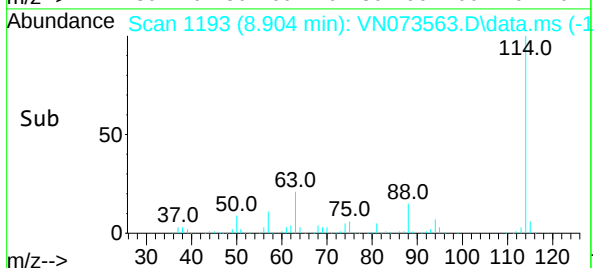
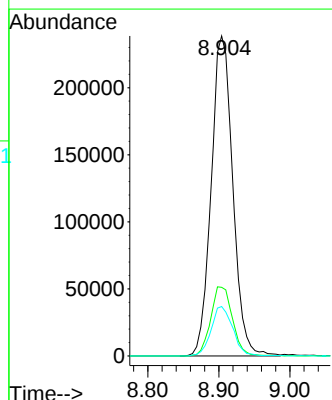
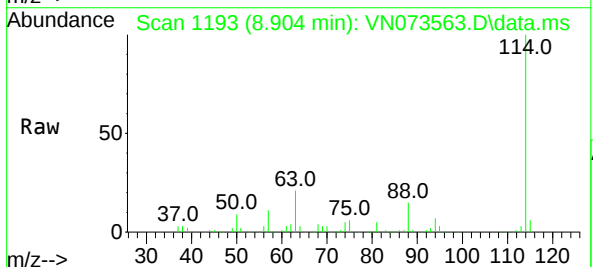
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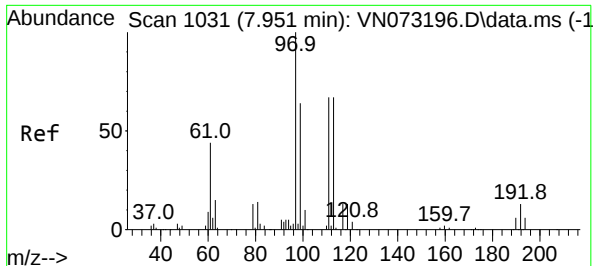
Tgt Ion: 65 Resp: 186681
Ion Ratio Lower Upper
65 100
67 52.8 0.0 104.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.904 min Scan# 1193
Delta R.T. 0.006 min
Lab File: VN073563.D
Acq: 21 Jul 2022 18:23

Tgt Ion: 114 Resp: 503346
Ion Ratio Lower Upper
114 100
63 21.5 0.0 40.0
88 15.5 0.0 32.6

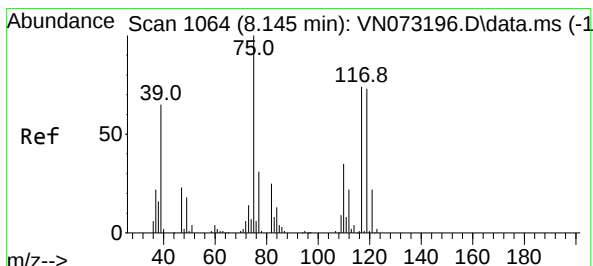
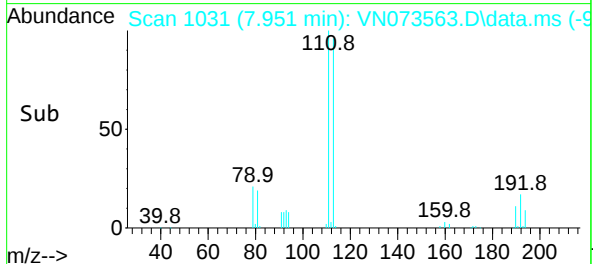
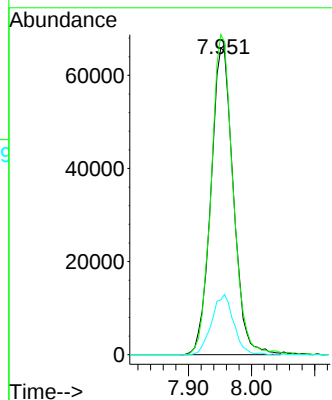
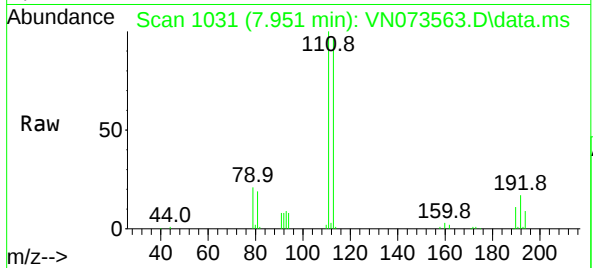




#35
Dibromofluoromethane
Concen: 48.688 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VN073563.D
Acq: 21 Jul 2022 18:23

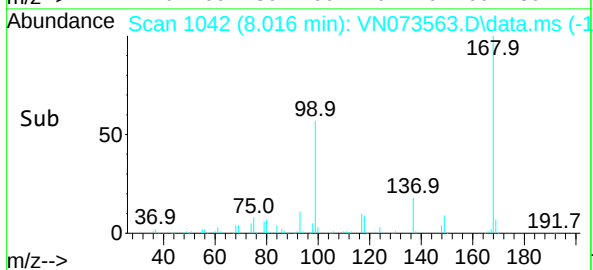
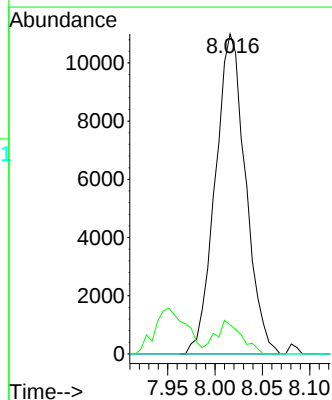
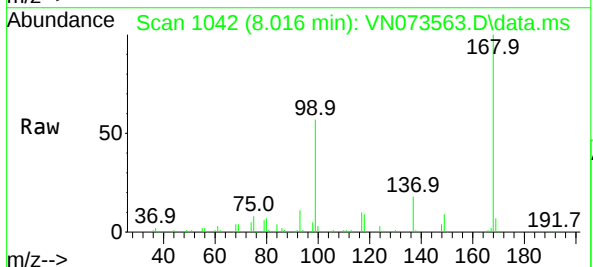
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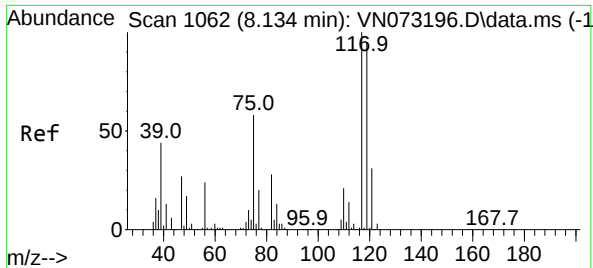
Tgt Ion:113 Resp: 163048
Ion Ratio Lower Upper
113 100
111 101.9 81.4 122.0
192 19.3 17.0 25.6



#36
1,1-Dichloropropene
Concen: 4.751 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.129 min
Lab File: VN073563.D
Acq: 21 Jul 2022 18:23

Tgt Ion: 75 Resp: 24483
Ion Ratio Lower Upper
75 100
110 8.9 18.3 54.8#
77 0.0 25.1 37.7#

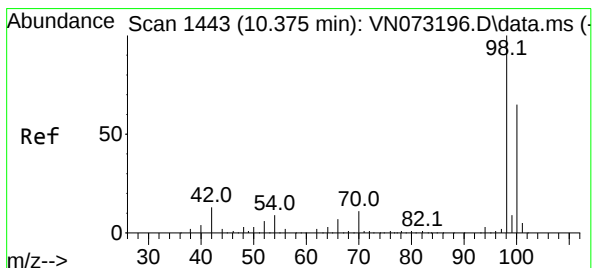
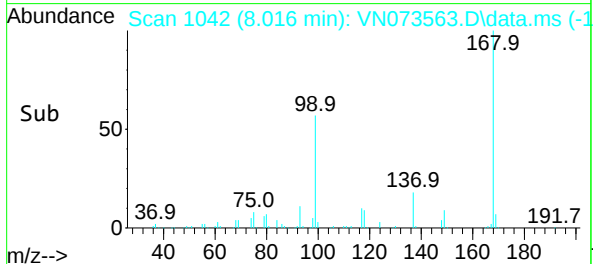
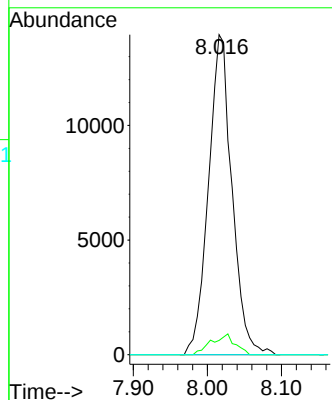
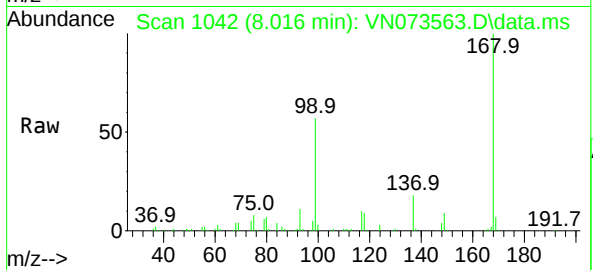




#38
Carbon Tetrachloride
Concen: 5.763 ug/l
RT: 8.016 min Scan# 1062
Delta R.T. -0.118 min
Lab File: VN073563.D
Acq: 21 Jul 2022 18:23

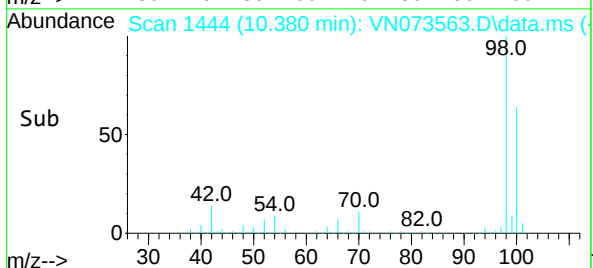
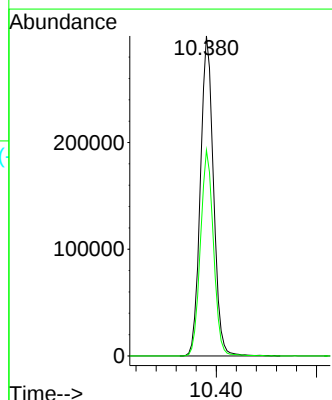
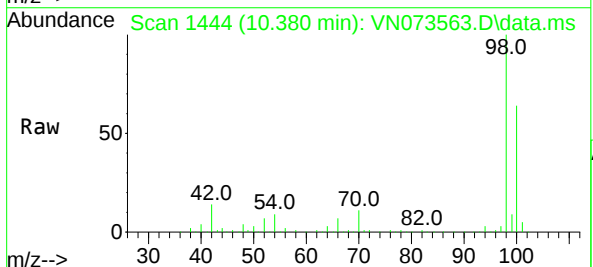
Instrument :
MSVOA_N
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MW-7F

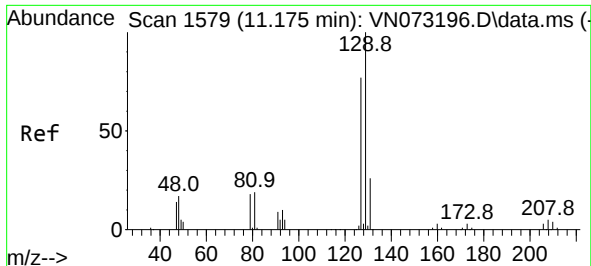
Tgt Ion:117 Resp: 30710
Ion Ratio Lower Upper
117 100
119 4.4 75.8 113.8#
121 0.0 24.6 37.0#



#50
Toluene-d8
Concen: 45.607 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.005 min
Lab File: VN073563.D
Acq: 21 Jul 2022 18:23

Tgt Ion: 98 Resp: 542446
Ion Ratio Lower Upper
98 100
100 64.2 52.6 78.8

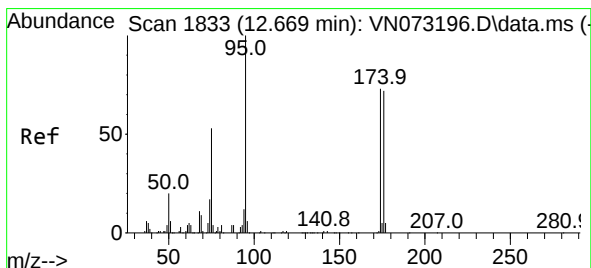
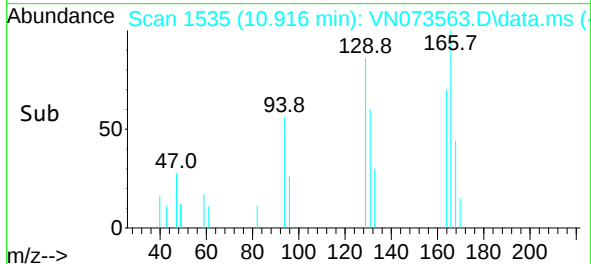
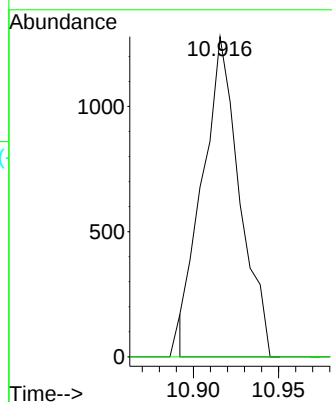
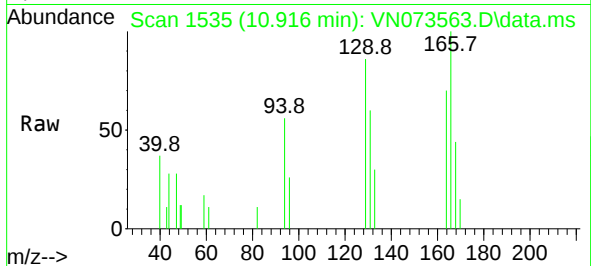




#60
Dibromochloromethane
Concen: 0.501 ug/l
RT: 10.916 min Scan# 11
Delta R.T. -0.259 min
Lab File: VN073563.D
Acq: 21 Jul 2022 18:23

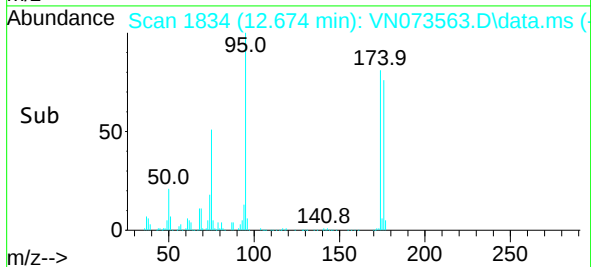
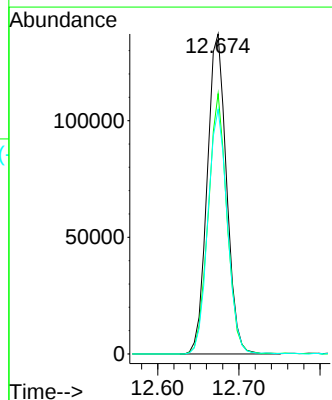
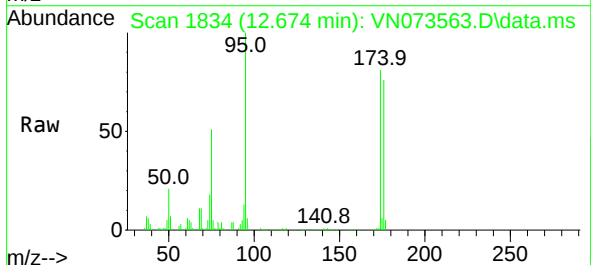
Instrument :
MSVOA_N
ClientSampleId :
MW-7F

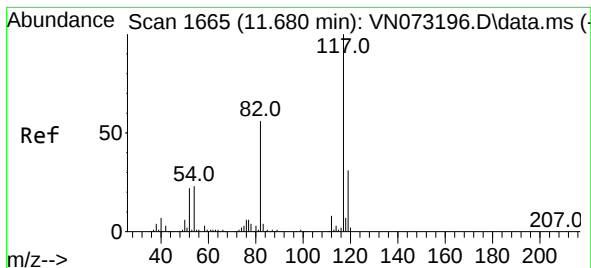
Tgt Ion:129 Resp: 1932
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#



#62
4-Bromofluorobenzene
Concen: 49.558 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.005 min
Lab File: VN073563.D
Acq: 21 Jul 2022 18:23

Tgt Ion: 95 Resp: 226518
Ion Ratio Lower Upper
95 100
174 78.6 0.0 167.6
176 76.7 0.0 163.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.686 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN073563.D

Acq: 21 Jul 2022 18:23

Instrument :

MSVOA_N

ClientSampleId :

MW-7F

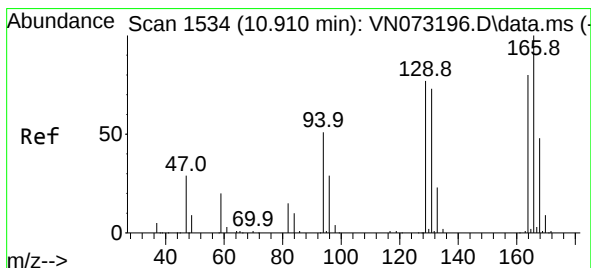
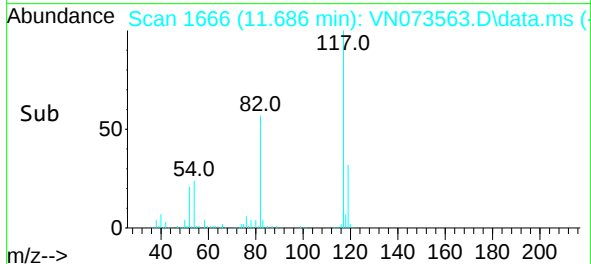
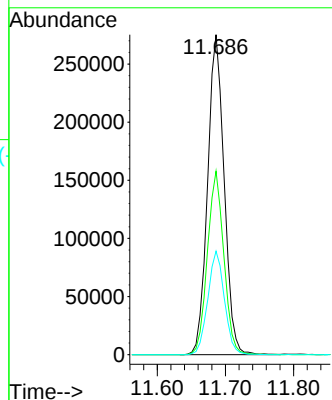
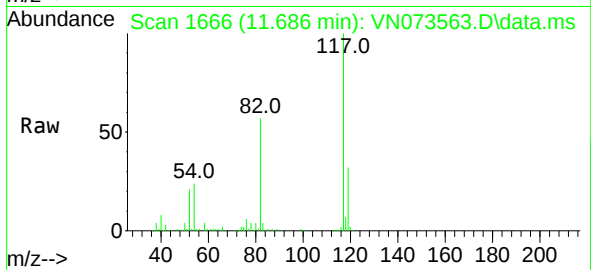
Tgt Ion:117 Resp: 465963

Ion Ratio Lower Upper

117 100

82 57.4 44.2 66.2

119 32.4 25.4 38.0



#64

Tetrachloroethene

Concen: 0.459 ug/l

RT: 10.916 min Scan# 1535

Delta R.T. 0.006 min

Lab File: VN073563.D

Acq: 21 Jul 2022 18:23

Tgt Ion:164 Resp: 1746

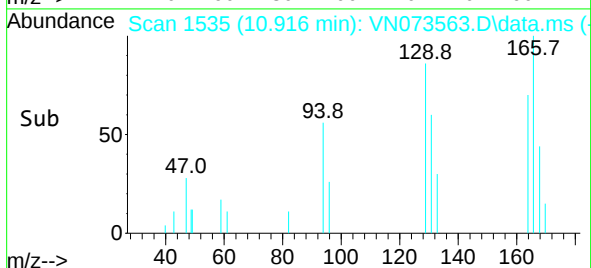
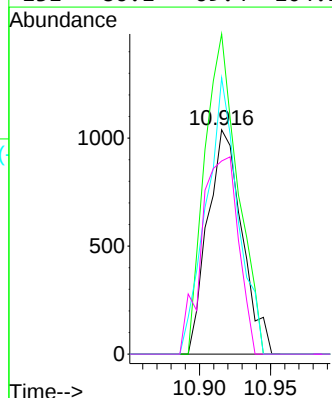
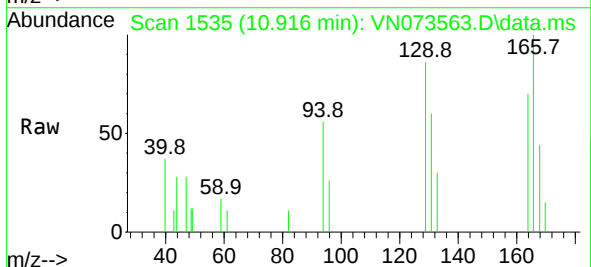
Ion Ratio Lower Upper

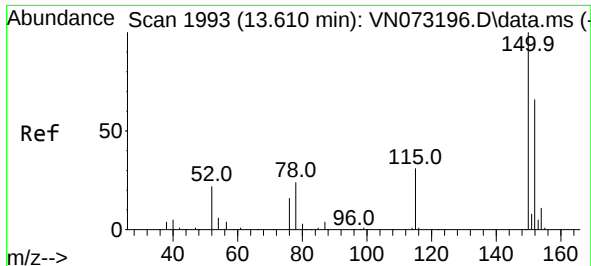
164 100

166 142.8 104.2 156.2

129 123.2 73.9 110.9#

131 86.1 69.4 104.2

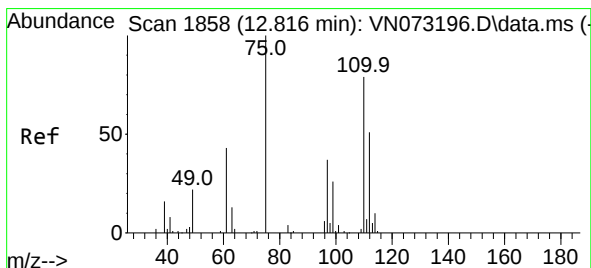
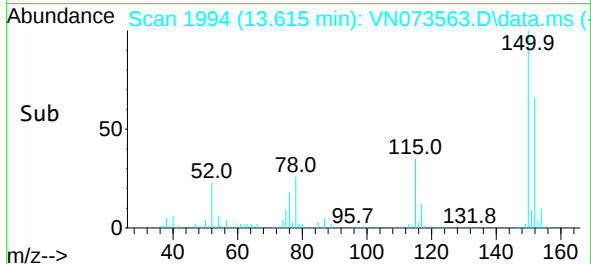
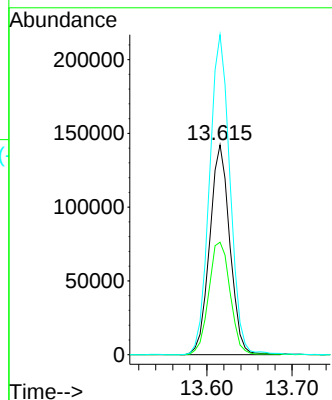
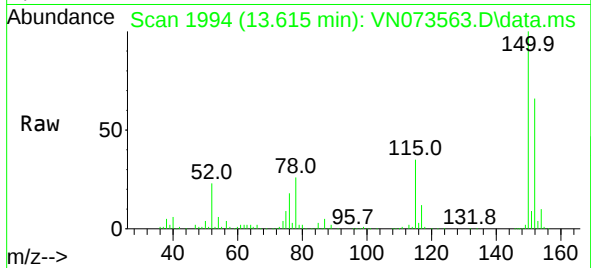




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.615 min Scan# 1993
 Delta R.T. 0.005 min
 Lab File: VN073563.D
 Acq: 21 Jul 2022 18:23

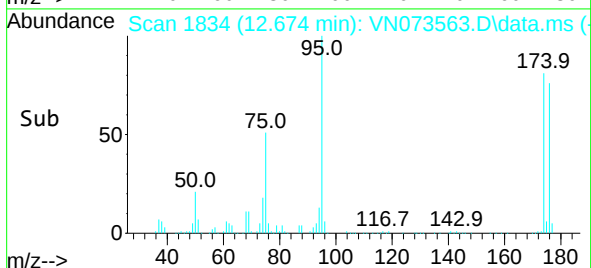
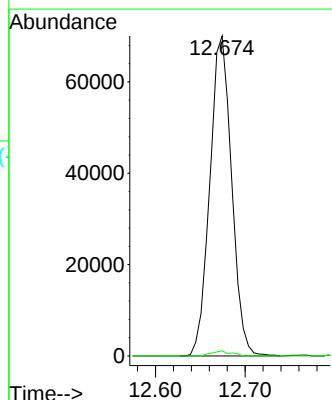
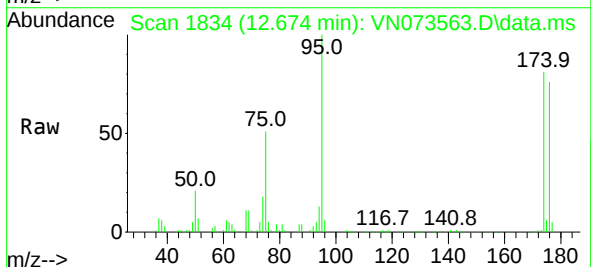
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-7F

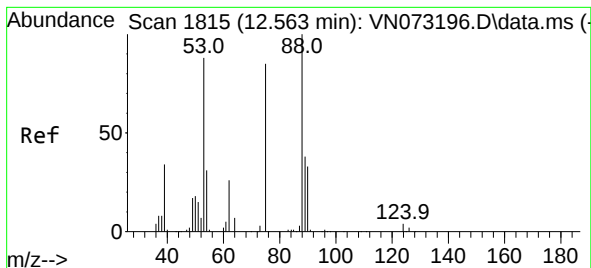
Tgt Ion:152 Resp: 233475
 Ion Ratio Lower Upper
 152 100
 115 57.2 28.9 86.7
 150 155.4 0.0 356.2



#76
 1,2,3-Trichloropropane
 Concen: 19.374 ug/l
 RT: 12.674 min Scan# 1834
 Delta R.T. -0.142 min
 Lab File: VN073563.D
 Acq: 21 Jul 2022 18:23

Tgt Ion: 75 Resp: 118276
 Ion Ratio Lower Upper
 75 100
 77 1.4 98.5 295.5#

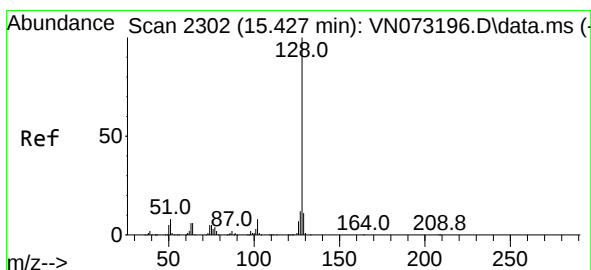
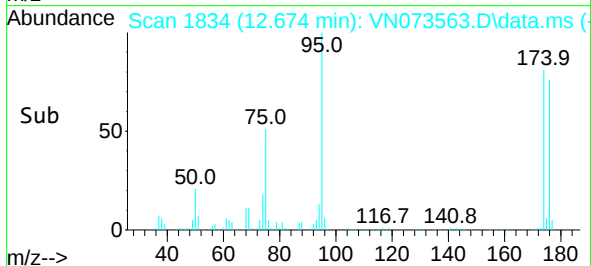
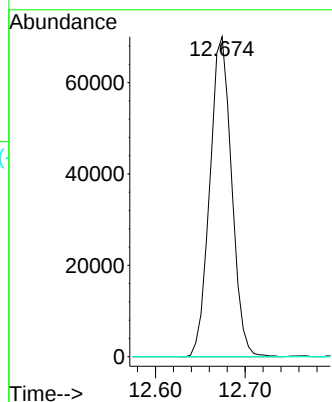
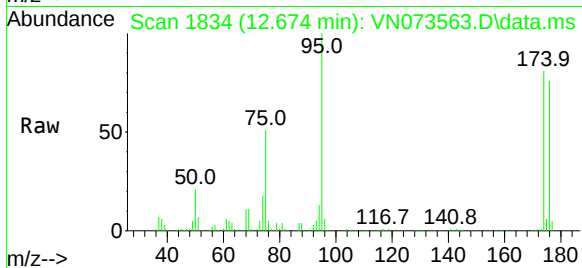




#81
 trans-1,4-Dichloro-2-butene
 Concen: 53.132 ug/l
 RT: 12.674 min Scan# 1815
 Delta R.T. 0.111 min
 Lab File: VN073563.D
 Acq: 21 Jul 2022 18:23

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-7F

Tgt Ion: 75 Resp: 118276
 Ion Ratio Lower Upper
 75 100
 53 0.0 78.0 117.0#
 89 0.0 37.2 55.8#



#95
 Naphthalene
 Concen: 0.204 ug/l
 RT: 15.445 min Scan# 2305
 Delta R.T. 0.018 min
 Lab File: VN073563.D
 Acq: 21 Jul 2022 18:23

Tgt Ion:128 Resp: 3664
 Ion Ratio Lower Upper
 128 100
 127 13.1 10.3 15.5
 129 4.1 8.6 13.0#

