

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062022\
 Data File : VN072958.D
 Acq On : 20 Jun 2022 13:51
 Operator : JC\MD
 Sample : N3357-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-11

Quant Time: Jun 21 05:54:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061722W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 18 06:22:45 2022
 Response via : Initial Calibration

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

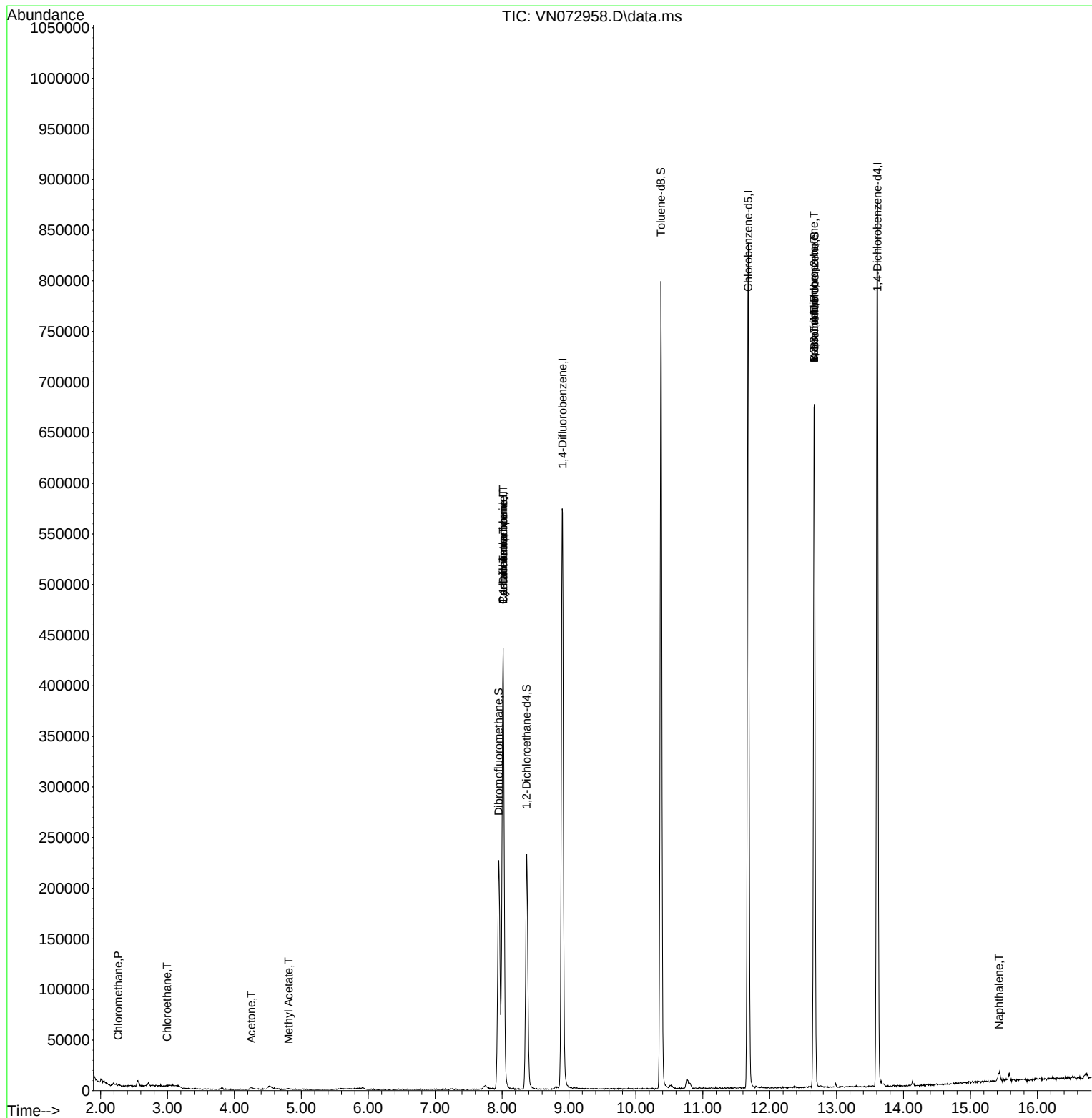
Internal Standards						
1) Pentafluorobenzene	8.016	168	334405	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	533240	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	478318	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	241516	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	196508	43.465	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	86.920%		
35) Dibromofluoromethane	7.951	113	167758	50.899	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.800%		
50) Toluene-d8	10.374	98	539818	44.016	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	88.040%		
62) 4-Bromofluorobenzene	12.668	95	241089	54.669	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	109.340%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.263	50	572	0.735	ug/l #	43
6) Chloroethane	2.993	64	503	0.282	ug/l #	42
16) Acetone	4.251	43	3651	1.469	ug/l #	82
18) Methyl Acetate	4.810	43	2260	0.341	ug/l #	78
20) Methylene Chloride	5.016	84	187	Below Cal	#	57
31) Cyclohexane	8.016	56	7410	1.212	ug/l #	21
36) 1,1-Dichloropropene	8.016	75	25519	5.722	ug/l #	50
38) Carbon Tetrachloride	8.016	117	34943	7.449	ug/l #	16
71) Bromoform	12.663	173	1489	0.555	ug/l #	28
76) 1,2,3-Trichloropropane	12.663	75	124036	21.183	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.663	75	124036	57.207	ug/l #	10
92) 1,2-Dibromo-3-Chloropr...	14.557	75	57	Below Cal	#	1
95) Naphthalene	15.427	128	9678	0.519	ug/l #	87

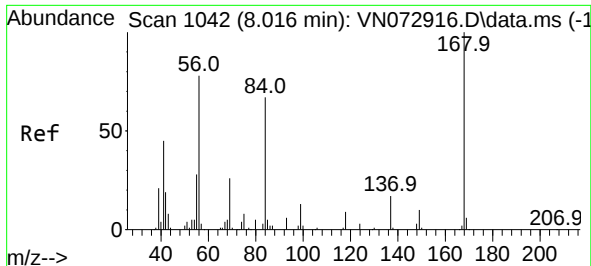
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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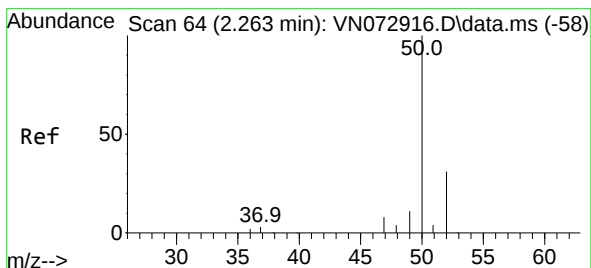
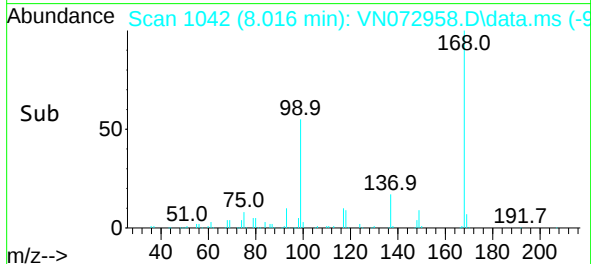
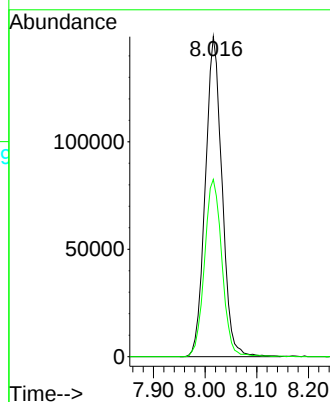
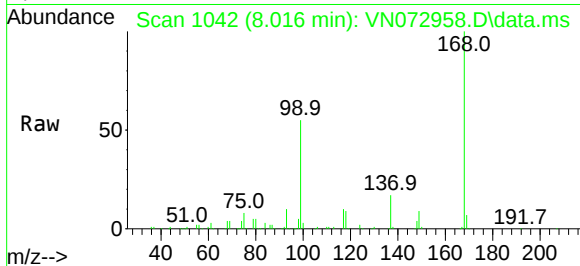




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN072958.D
Acq: 20 Jun 2022 13:51

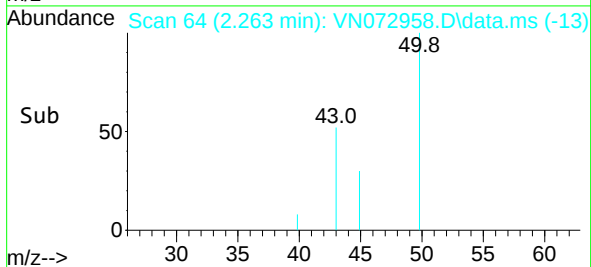
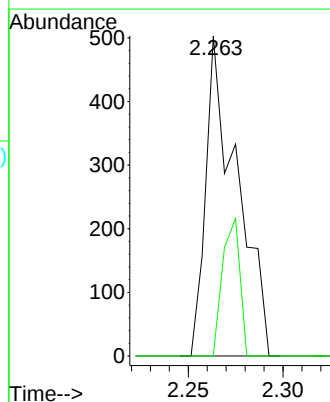
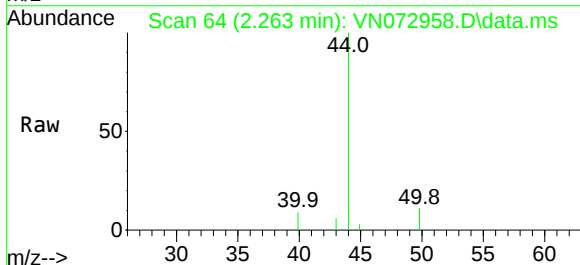
Instrument :
MSVOA_N
ClientSampleId :
MW-11

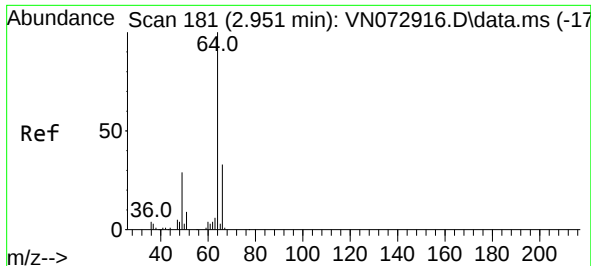
Tgt Ion:168 Resp: 334405
Ion Ratio Lower Upper
168 100
99 55.4 42.3 63.5



#3
Chloromethane
Concen: 0.735 ug/l
RT: 2.263 min Scan# 64
Delta R.T. 0.000 min
Lab File: VN072958.D
Acq: 20 Jun 2022 13:51

Tgt Ion: 50 Resp: 572
Ion Ratio Lower Upper
50 100
52 0.0 25.7 38.5#

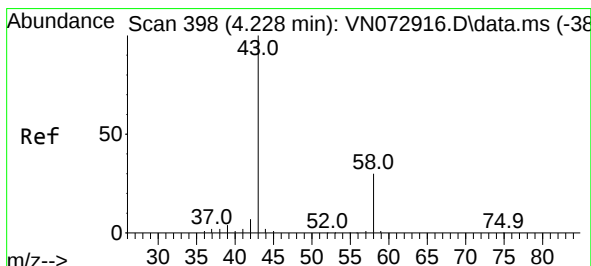
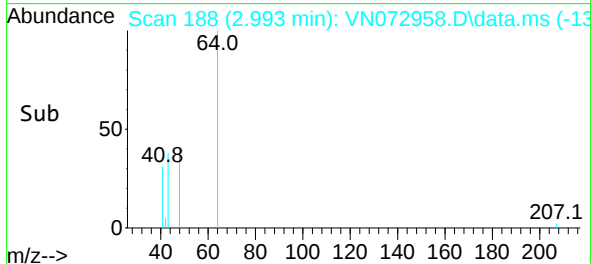
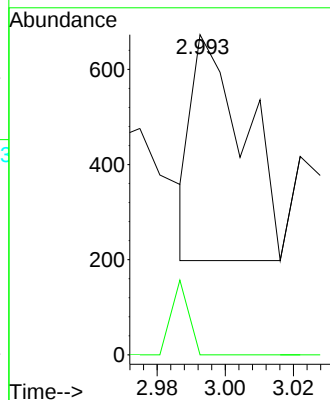
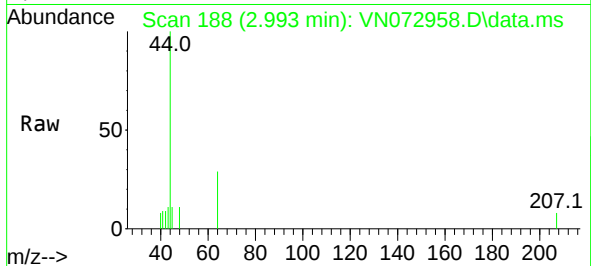




#6
Chloroethane
Concen: 0.282 ug/l
RT: 2.993 min Scan# 11
Delta R.T. 0.041 min
Lab File: VN072958.D
Acq: 20 Jun 2022 13:51

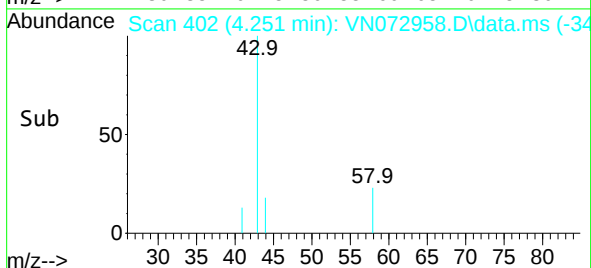
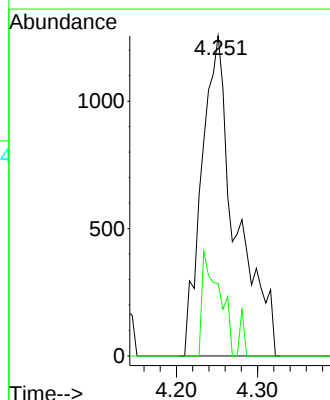
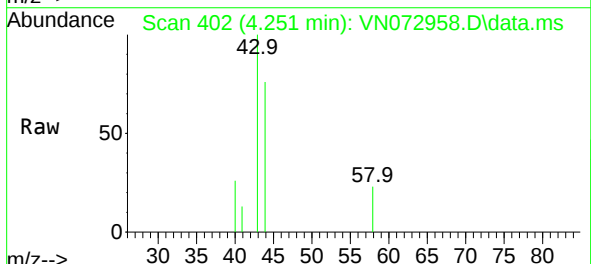
Instrument :
MSVOA_N
ClientSampleId :
MW-11

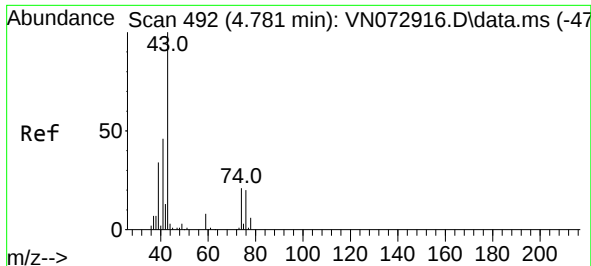
Tgt Ion: 64 Resp: 503
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#



#16
Acetone
Concen: 1.469 ug/l
RT: 4.251 min Scan# 402
Delta R.T. 0.024 min
Lab File: VN072958.D
Acq: 20 Jun 2022 13:51

Tgt Ion: 43 Resp: 3651
Ion Ratio Lower Upper
43 100
58 22.6 26.0 39.0#





#18

Methyl Acetate

Concen: 0.341 ug/l

RT: 4.810 min Scan# 497

Delta R.T. 0.029 min

Lab File: VN072958.D

Acq: 20 Jun 2022 13:51

Instrument :

MSVOA_N

ClientSampleId :

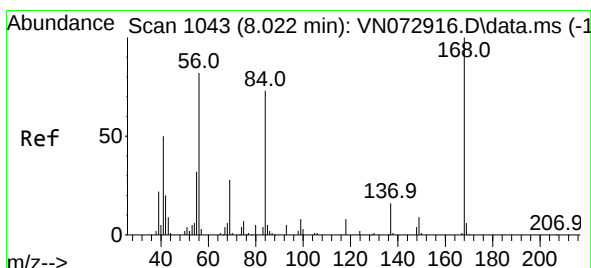
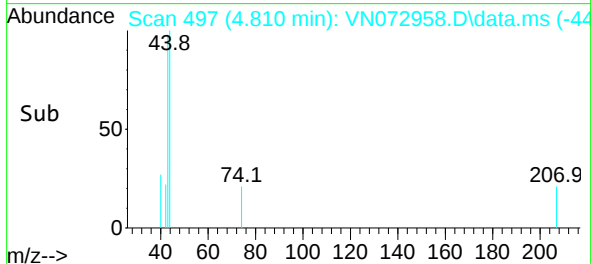
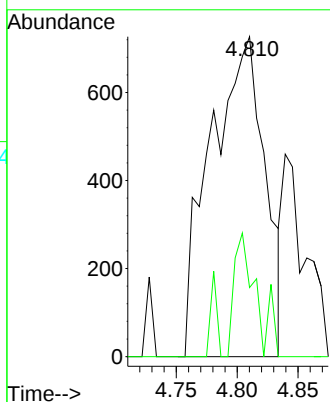
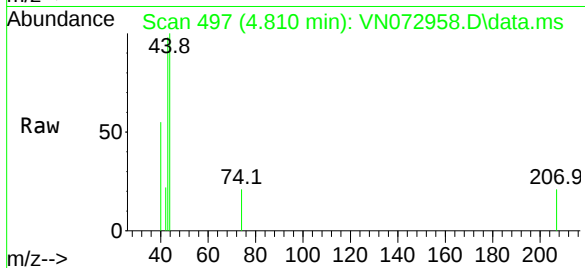
MW-11

Tgt Ion: 43 Resp: 2260

Ion Ratio Lower Upper

43 100

74 15.7 21.6 32.4#



#31

Cyclohexane

Concen: 1.212 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.006 min

Lab File: VN072958.D

Acq: 20 Jun 2022 13:51

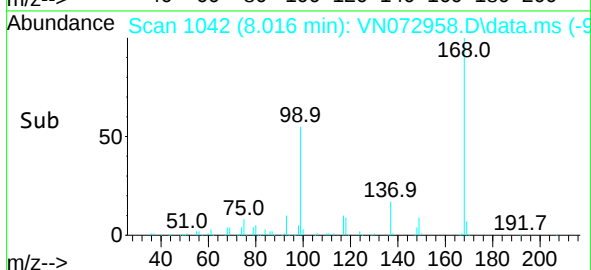
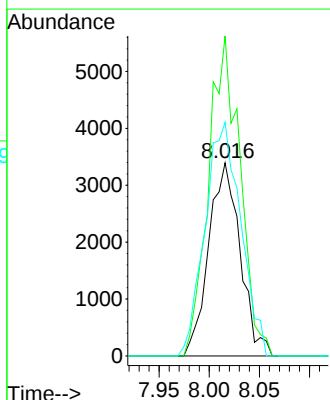
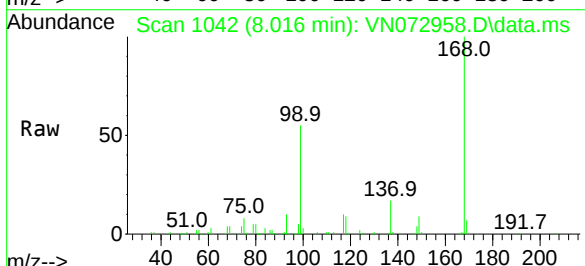
Tgt Ion: 56 Resp: 7410

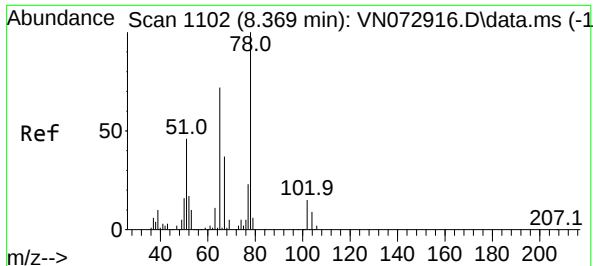
Ion Ratio Lower Upper

56 100

69 165.7 27.8 41.8#

84 120.9 76.9 115.3#





#33

1,2-Dichloroethane-d4

Concen: 43.465 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN072958.D

Acq: 20 Jun 2022 13:51

Instrument :

MSVOA_N

ClientSampleId :

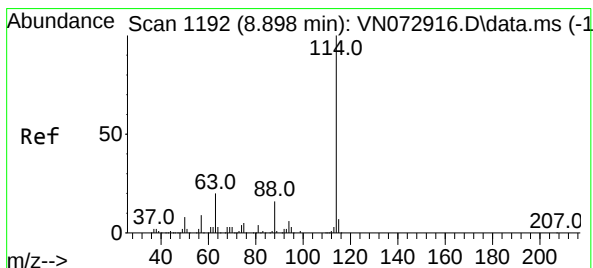
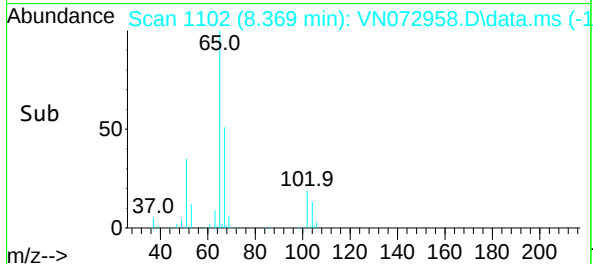
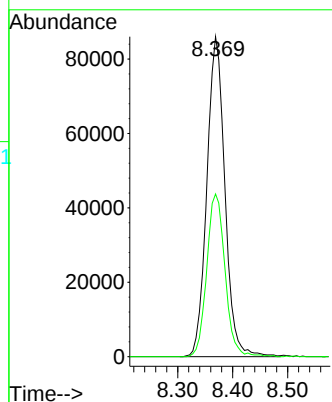
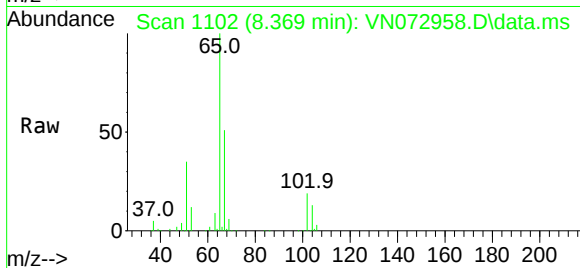
MW-11

Tgt Ion: 65 Resp: 196508

Ion Ratio Lower Upper

65 100

67 51.5 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: VN072958.D

Acq: 20 Jun 2022 13:51

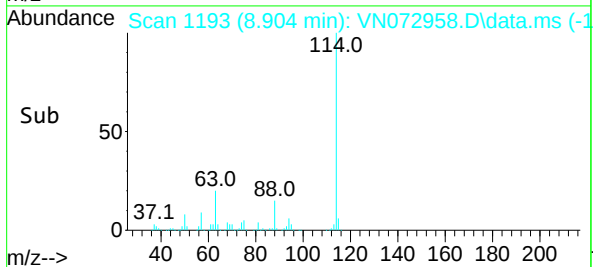
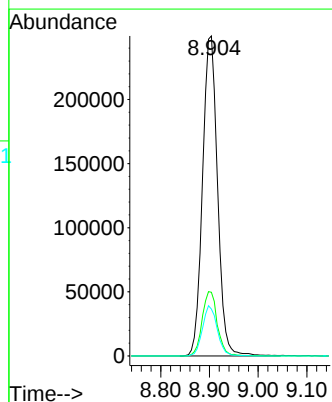
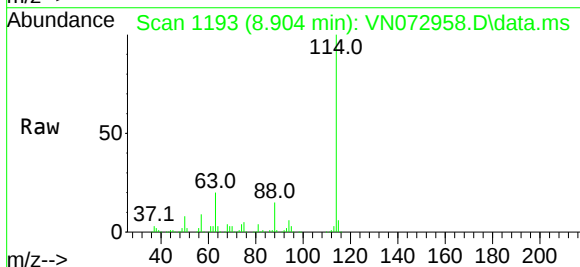
Tgt Ion: 114 Resp: 533240

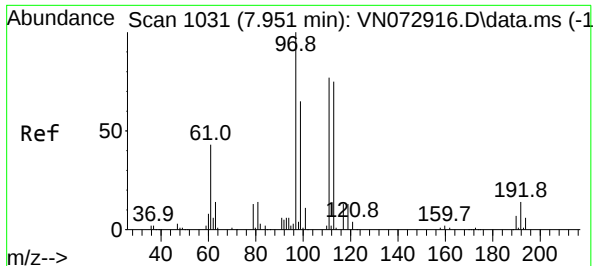
Ion Ratio Lower Upper

114 100

63 19.9 0.0 40.0

88 14.6 0.0 32.6

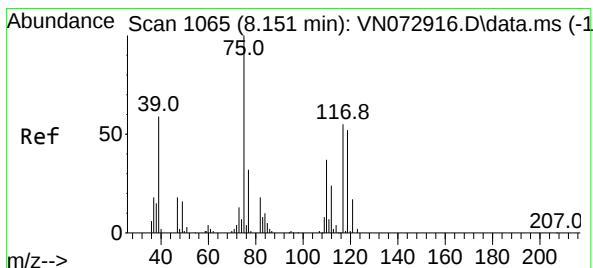
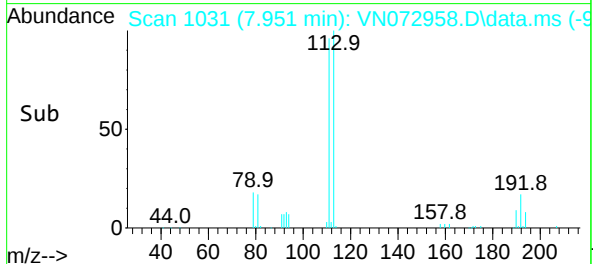
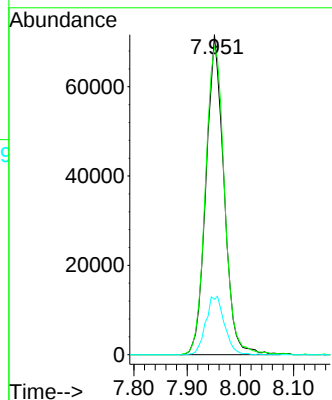
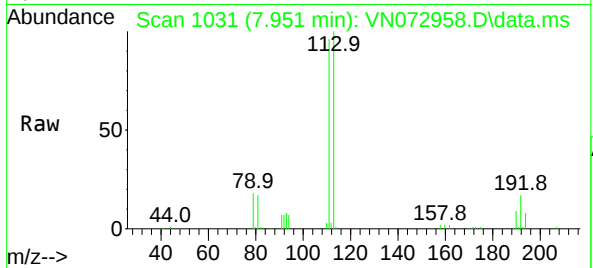




#35
Dibromofluoromethane
Concen: 50.899 ug/l
RT: 7.951 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN072958.D
Acq: 20 Jun 2022 13:51

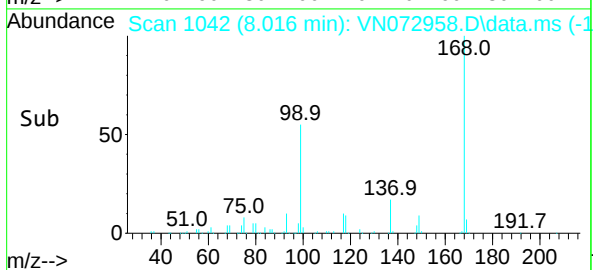
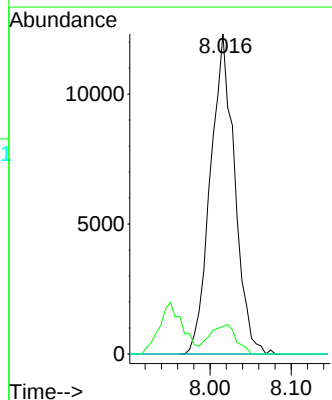
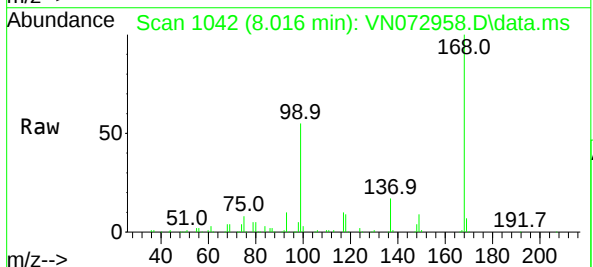
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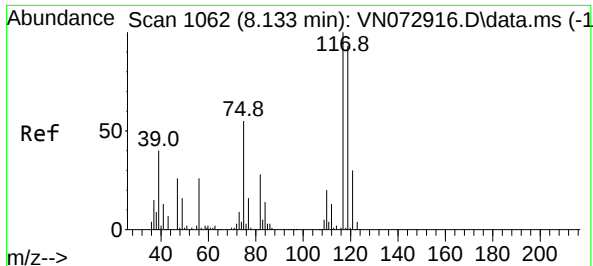
Tgt Ion:113 Resp: 167758
Ion Ratio Lower Upper
113 100
111 102.6 81.4 122.0
192 18.9 17.0 25.6



#36
1,1-Dichloropropene
Concen: 5.722 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.135 min
Lab File: VN072958.D
Acq: 20 Jun 2022 13:51

Tgt Ion: 75 Resp: 25519
Ion Ratio Lower Upper
75 100
110 9.9 18.3 54.8#
77 0.0 25.1 37.7#

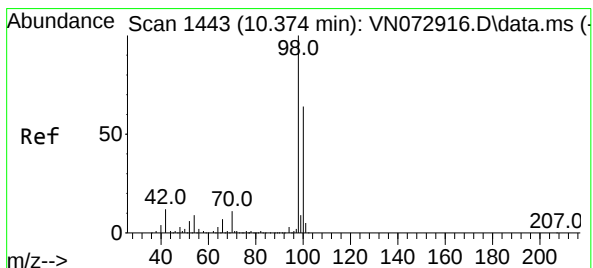
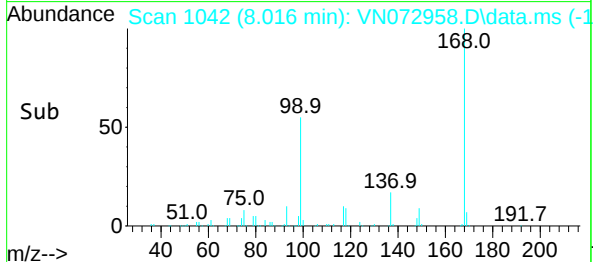
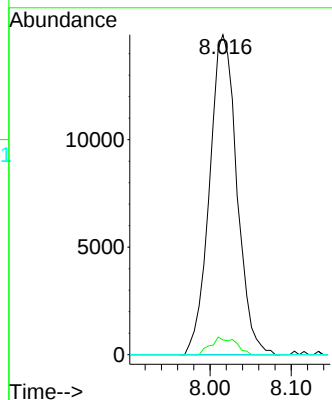
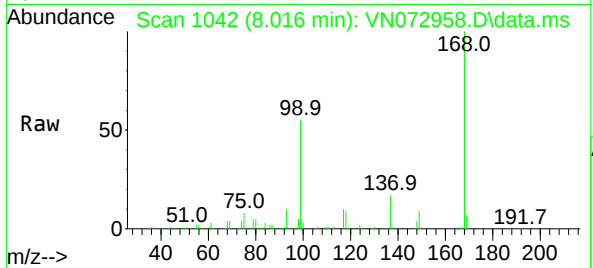




#38
Carbon Tetrachloride
Concen: 7.449 ug/l
RT: 8.016 min Scan# 1062
Delta R.T. -0.118 min
Lab File: VN072958.D
Acq: 20 Jun 2022 13:51

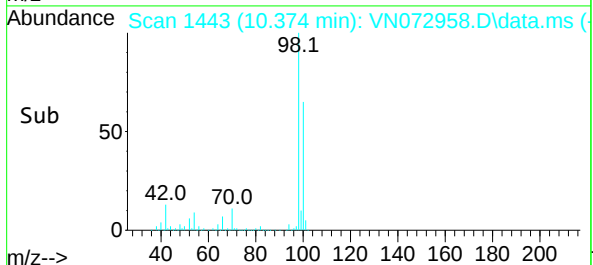
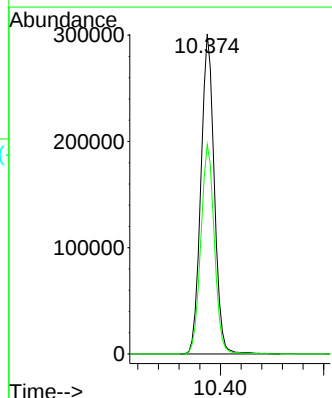
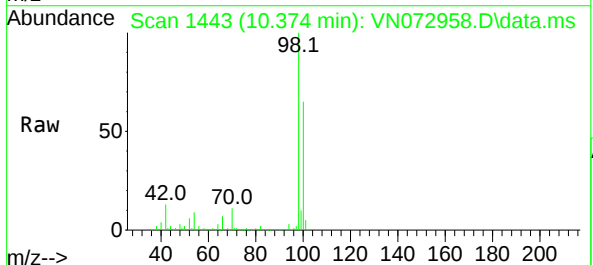
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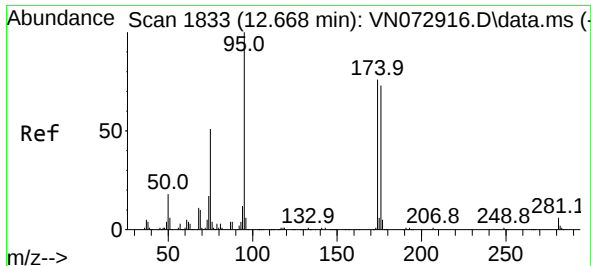
Tgt Ion:117 Resp: 34943
Ion Ratio Lower Upper
117 100
119 4.7 75.8 113.8#
121 0.0 24.6 37.0#



#50
Toluene-d8
Concen: 44.016 ug/l
RT: 10.374 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN072958.D
Acq: 20 Jun 2022 13:51

Tgt Ion: 98 Resp: 539818
Ion Ratio Lower Upper
98 100
100 66.4 52.6 78.8

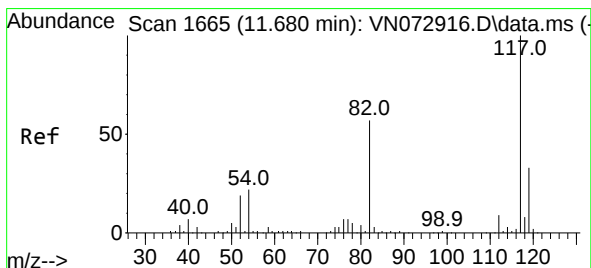
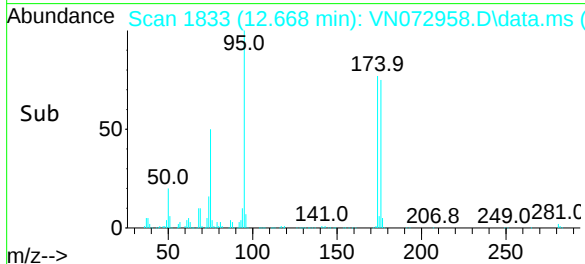
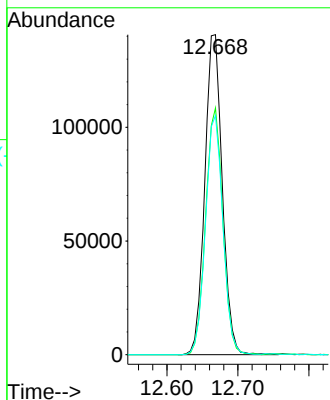
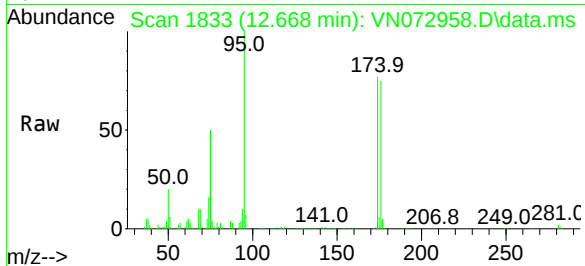




#62
4-Bromofluorobenzene
Concen: 54.669 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN072958.D
Acq: 20 Jun 2022 13:51

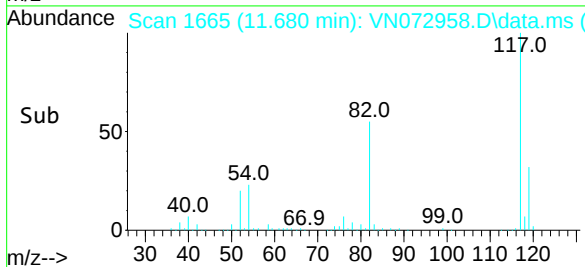
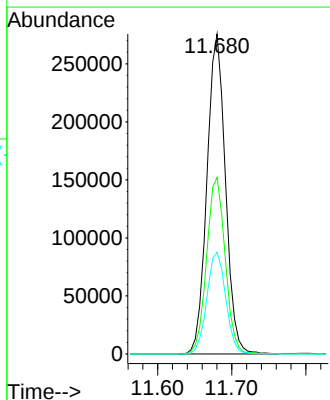
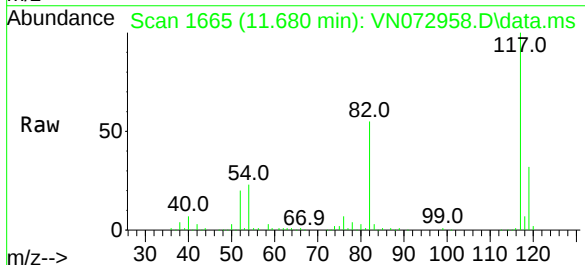
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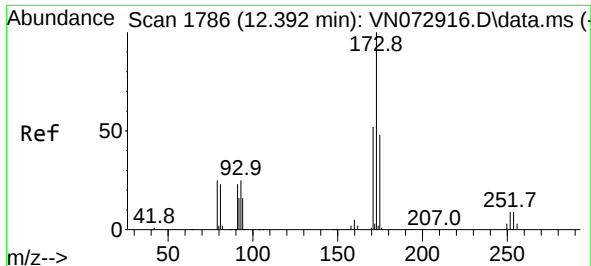
Tgt Ion: 95 Resp: 241089
Ion Ratio Lower Upper
95 100
174 76.1 0.0 167.6
176 74.3 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VN072958.D
Acq: 20 Jun 2022 13:51

Tgt Ion: 117 Resp: 478318
Ion Ratio Lower Upper
117 100
82 55.2 44.2 66.2
119 31.8 25.4 38.0

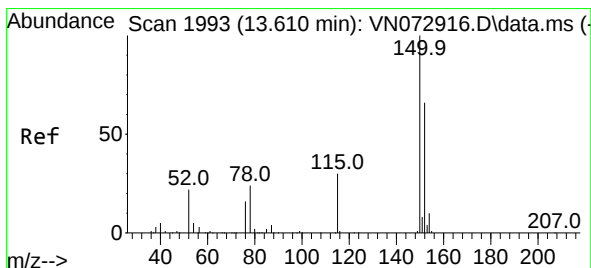
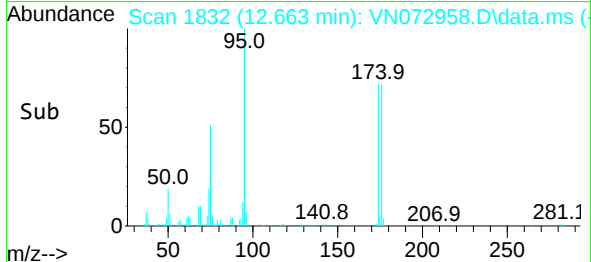
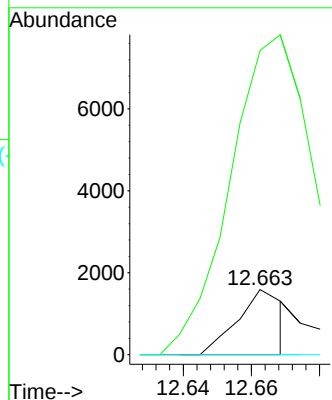
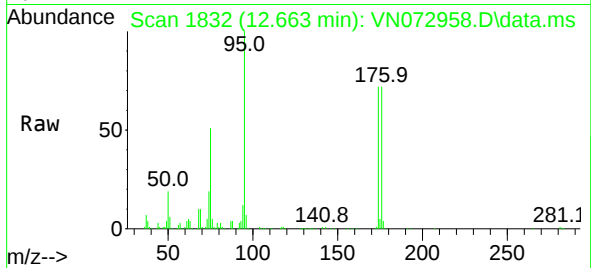




#71
Bromoform
Concen: 0.555 ug/l
RT: 12.663 min Scan# 1832
Delta R.T. 0.271 min
Lab File: VN072958.D
Acq: 20 Jun 2022 13:51

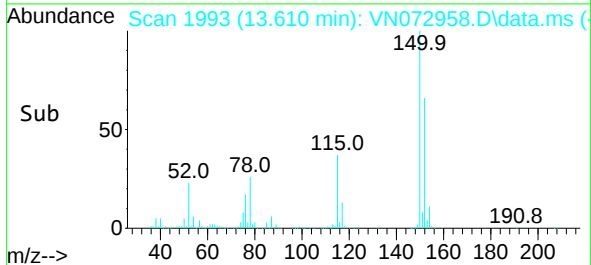
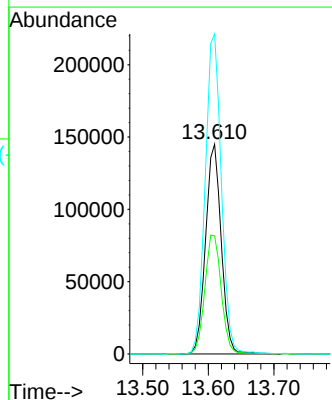
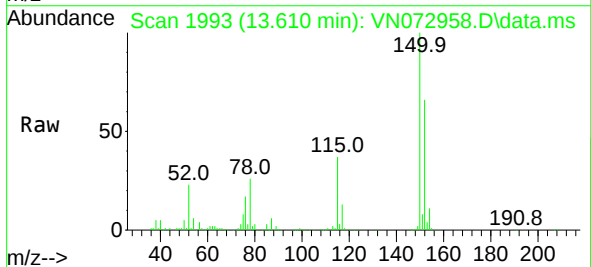
Instrument :
MSVOA_N
ClientSampleId :
MW-11

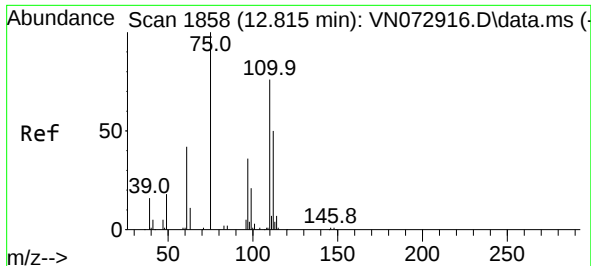
Tgt Ion:173 Resp: 1489
Ion Ratio Lower Upper
173 100
175 0.0 24.6 73.6#
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. 0.000 min
Lab File: VN072958.D
Acq: 20 Jun 2022 13:51

Tgt Ion:152 Resp: 241516
Ion Ratio Lower Upper
152 100
115 59.6 28.9 86.7
150 156.9 0.0 356.2

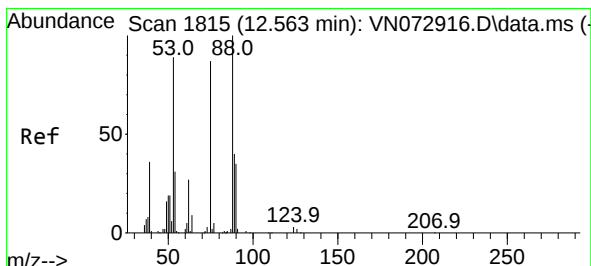
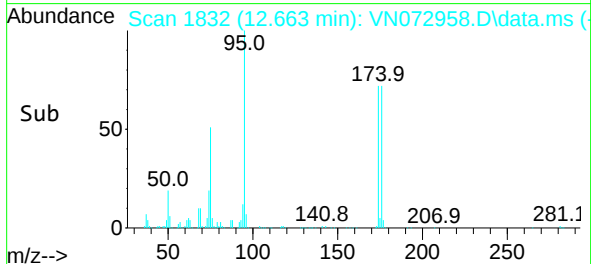
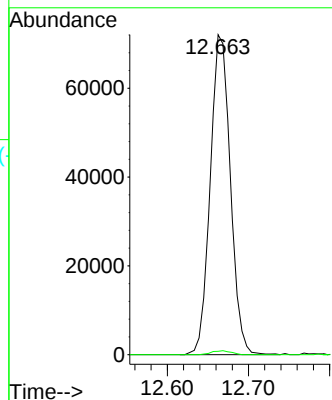
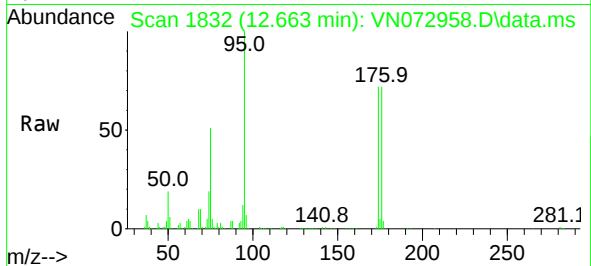




#76
1,2,3-Trichloropropane
Concen: 21.183 ug/l
RT: 12.663 min Scan# 1832
Delta R.T. -0.153 min
Lab File: VN072958.D
Acq: 20 Jun 2022 13:51

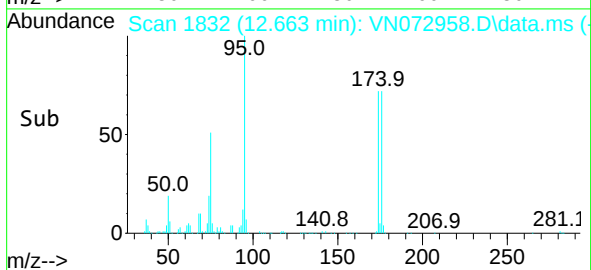
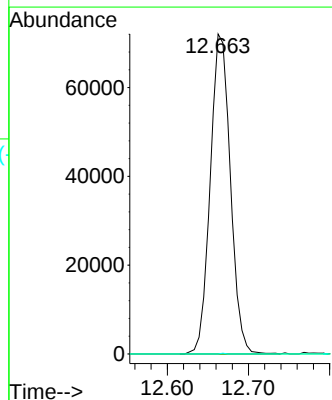
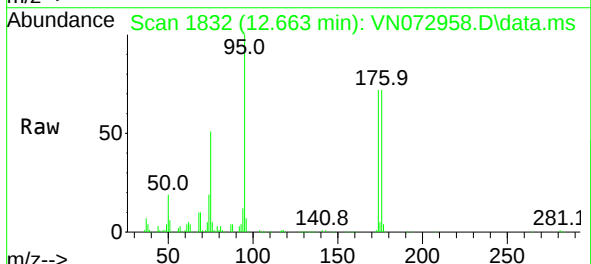
Instrument :
MSVOA_N
ClientSampleId :
MW-11

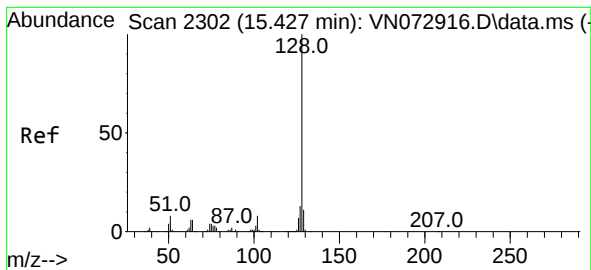
Tgt Ion: 75 Resp: 124036
Ion Ratio Lower Upper
75 100
77 1.2 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 57.207 ug/l
RT: 12.663 min Scan# 1832
Delta R.T. 0.100 min
Lab File: VN072958.D
Acq: 20 Jun 2022 13:51

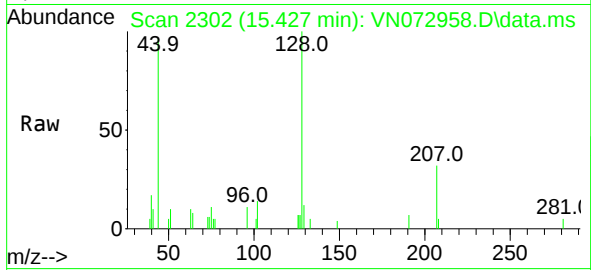
Tgt Ion: 75 Resp: 124036
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.1 37.2 55.8#





#95
Naphthalene
Concen: 0.519 ug/l
RT: 15.427 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN072958.D
Acq: 20 Jun 2022 13:51

Instrument :
MSVOA_N
ClientSampleId :
MW-11



Tgt Ion:128 Resp: 9678
Ion Ratio Lower Upper
128 100
127 6.0 10.3 15.5#
129 8.3 8.6 13.0#

