

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062822\
 Data File : VN073222.D
 Acq On : 29 Jun 2022 01:29
 Operator : JC\MD
 Sample : N3409-10
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 29 04:27:36 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)

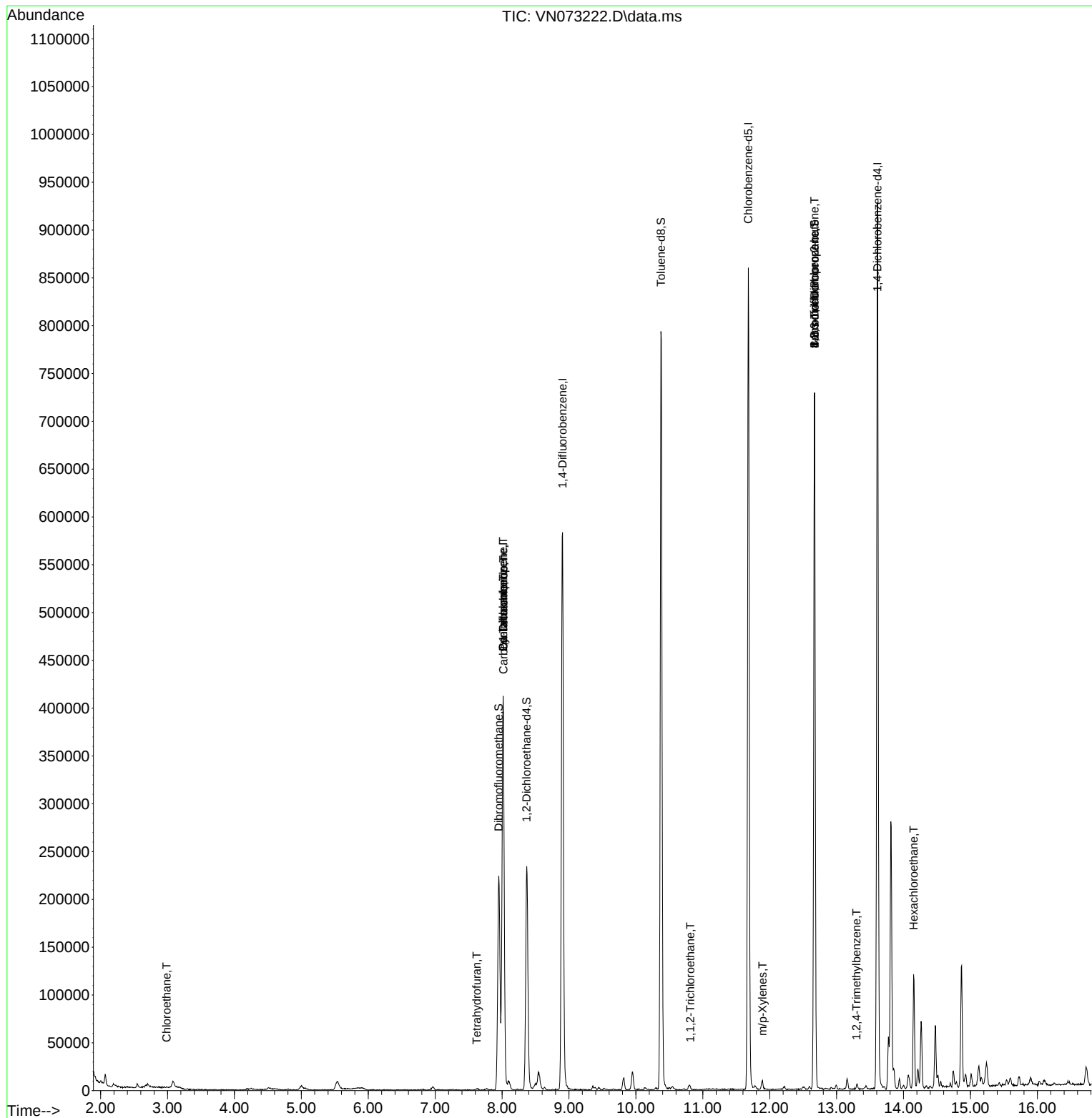
Internal Standards						
1) Pentafluorobenzene	8.016	168	308489	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.904	114	517828	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	485951	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	241978	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	199199	44.730	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	89.460%
35) Dibromofluoromethane	7.951	113	166087	48.208	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.420%
50) Toluene-d8	10.374	98	550648	45.002	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	90.000%
62) 4-Bromofluorobenzene	12.668	95	246052	52.326	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	104.660%
Target Compounds						
					Qvalue	
6) Chloroethane	2.987	64	581	0.265	ug/l	# 42
29) Tetrahydrofuran	7.622	42	643	0.236	ug/l	# 56
31) Cyclohexane	8.016	56	7795	1.069	ug/l	# 12
36) 1,1-Dichloropropene	8.016	75	25061	4.728	ug/l	# 49
38) Carbon Tetrachloride	8.022	117	32564	5.940	ug/l	# 16
55) 1,1,2-Trichloroethane	10.816	97	859	0.206	ug/l	# 16
68) m/p-Xylenes	11.892	106	2852	0.379	ug/l	93
71) Bromoform	12.668	173	1558	0.527	ug/l	# 1
76) 1,2,3-Trichloropropane	12.668	75	129802	20.515	ug/l	# 1
81) trans-1,4-Dichloro-2-b...	12.668	75	129802	56.261	ug/l	# 10
84) 1,2,4-Trimethylbenzene	13.298	105	3790	0.223	ug/l	95
90) Hexachloroethane	14.151	117	6653	2.155	ug/l	# 9

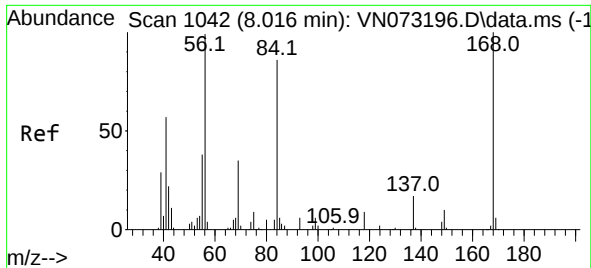
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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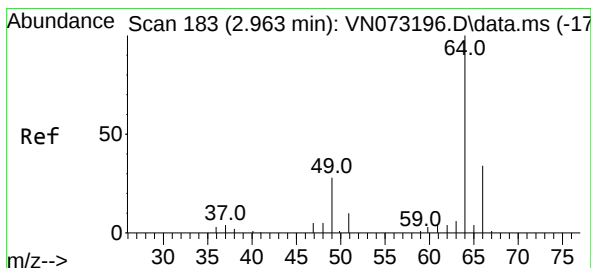
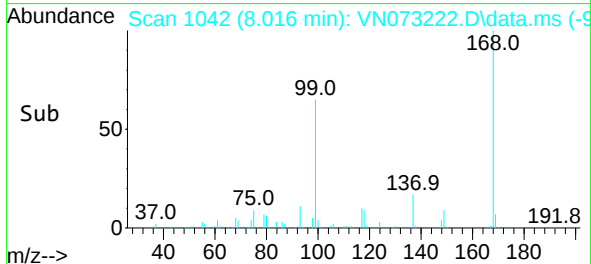
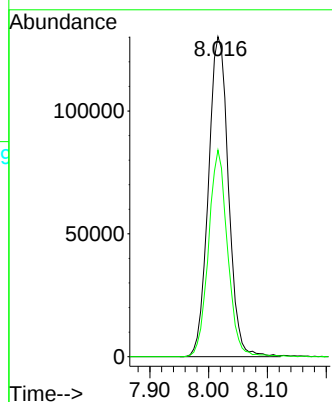
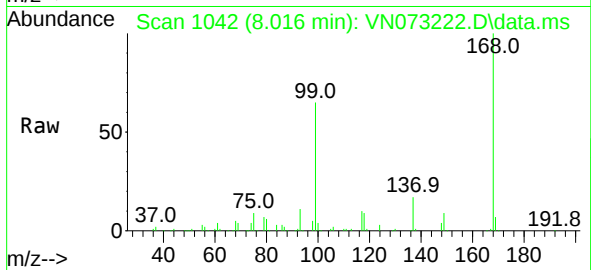




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073222.D
Acq: 29 Jun 2022 01:29

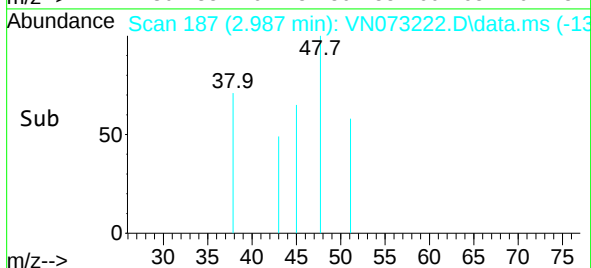
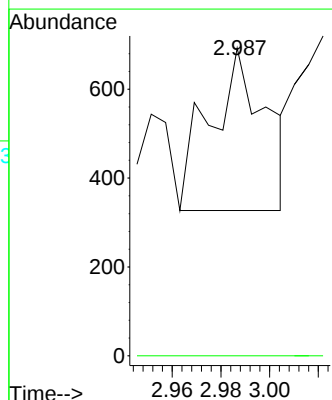
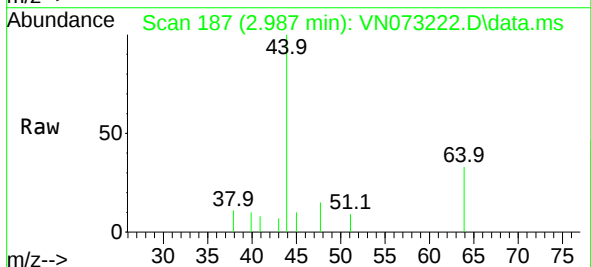
Instrument :
MSVOA_N
ClientSampleId :

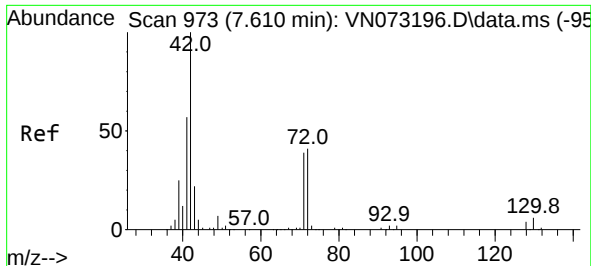
Tgt Ion:168 Resp: 308489
Ion Ratio Lower Upper
168 100
99 64.6 42.3 63.5#



#6
Chloroethane
Concen: 0.265 ug/l
RT: 2.987 min Scan# 187
Delta R.T. 0.024 min
Lab File: VN073222.D
Acq: 29 Jun 2022 01:29

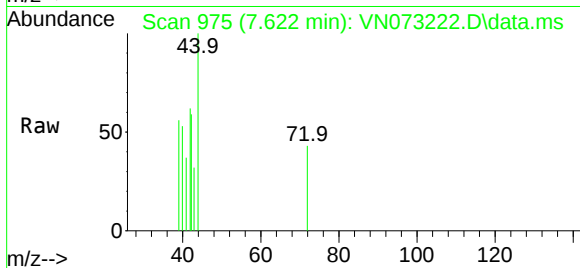
Tgt Ion: 64 Resp: 581
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#



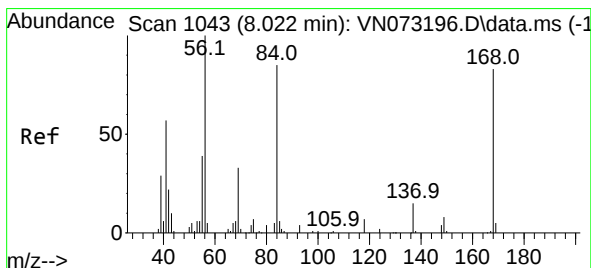
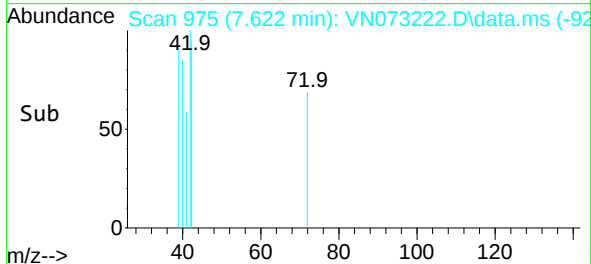
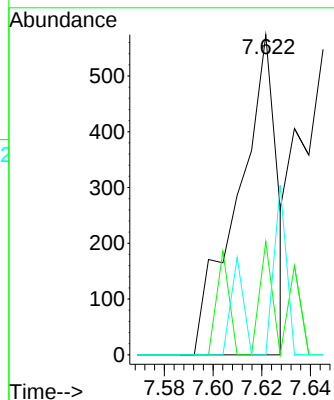


#29
Tetrahydrofuran
Concen: 0.236 ug/l
RT: 7.622 min Scan# 91
Delta R.T. 0.012 min
Lab File: VN073222.D
Acq: 29 Jun 2022 01:29

Instrument :
MSVOA_N
ClientSampleId :

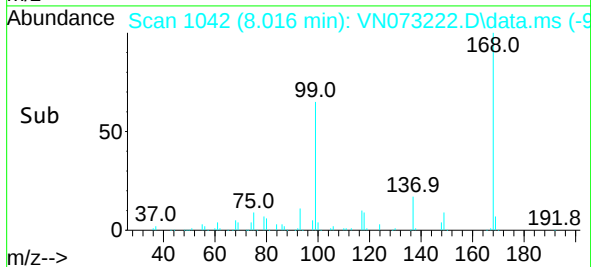
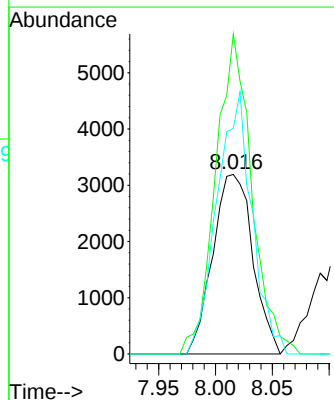
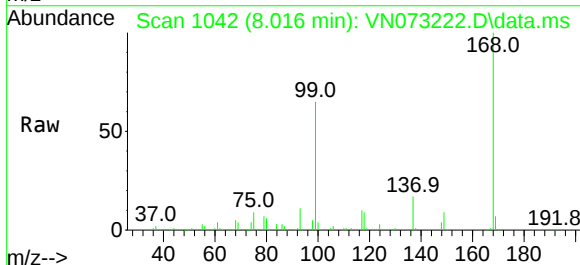


Tgt Ion: 42 Resp: 643
Ion Ratio Lower Upper
42 100
72 19.9 39.7 59.5#
71 16.6 36.6 55.0#



#31
Cyclohexane
Concen: 1.069 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.006 min
Lab File: VN073222.D
Acq: 29 Jun 2022 01:29

Tgt Ion: 56 Resp: 7795
Ion Ratio Lower Upper
56 100
69 178.2 27.8 41.8#
84 125.6 76.9 115.3#





#33

1,2-Dichloroethane-d4

Concen: 44.730 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN073222.D

Acq: 29 Jun 2022 01:29

Instrument :

MSVOA_N

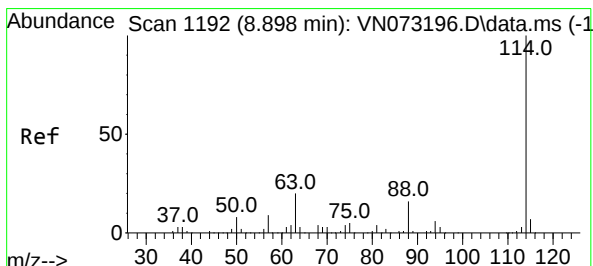
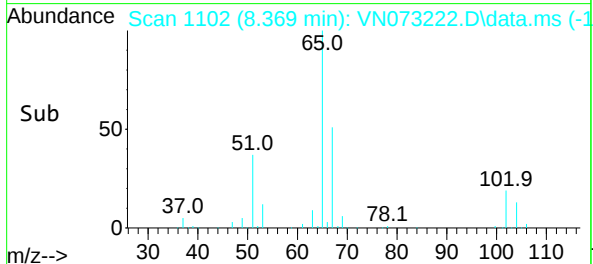
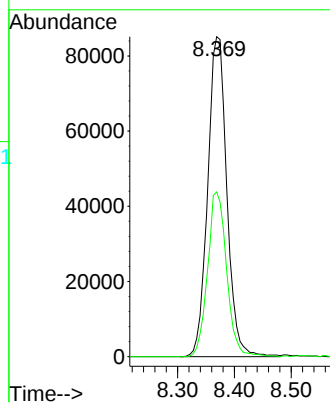
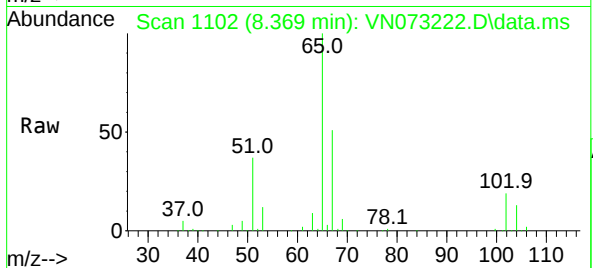
ClientSampleId :

Tgt Ion: 65 Resp: 199199

Ion Ratio Lower Upper

65 100

67 51.2 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: VN073222.D

Acq: 29 Jun 2022 01:29

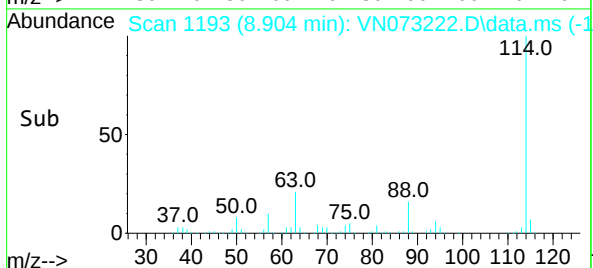
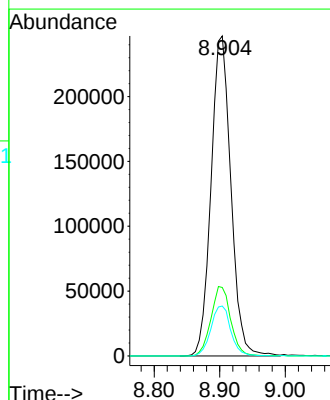
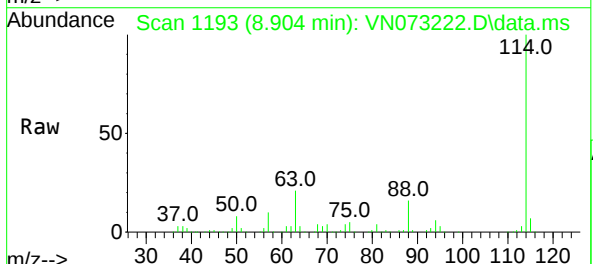
Tgt Ion: 114 Resp: 517828

Ion Ratio Lower Upper

114 100

63 21.4 0.0 40.0

88 15.6 0.0 32.6





#35

Dibromofluoromethane

Concen: 48.208 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073222.D

Acq: 29 Jun 2022 01:29

Instrument :

MSVOA_N

ClientSampleId :

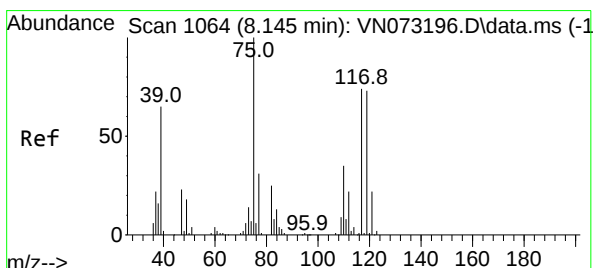
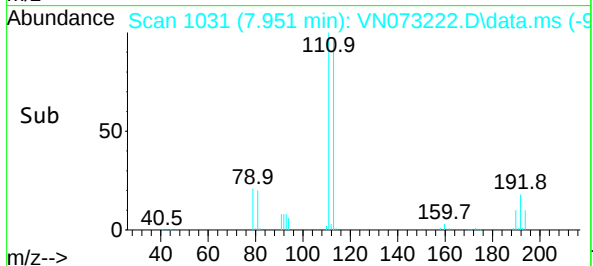
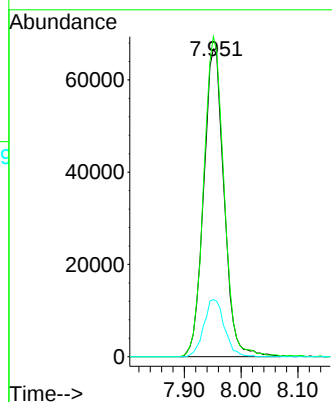
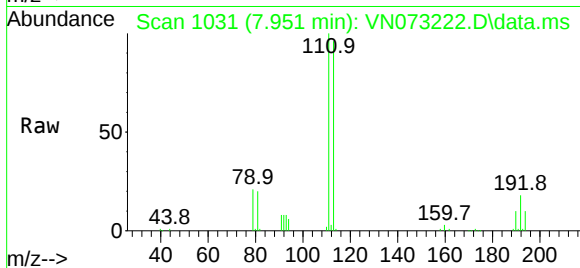
Tgt Ion:113 Resp: 166087

Ion Ratio Lower Upper

113 100

111 103.2 81.4 122.0

192 18.7 17.0 25.6



#36

1,1-Dichloropropene

Concen: 4.728 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.129 min

Lab File: VN073222.D

Acq: 29 Jun 2022 01:29

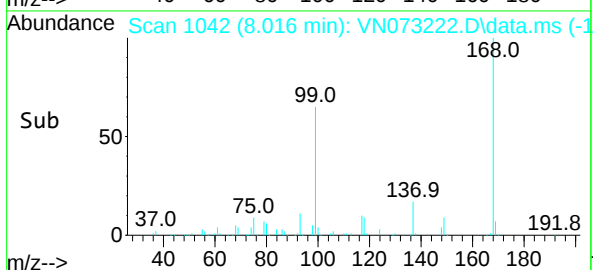
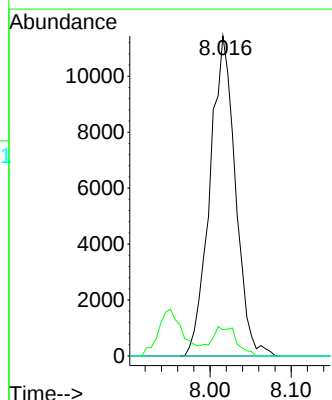
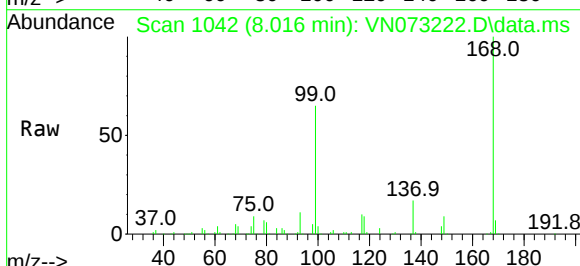
Tgt Ion: 75 Resp: 25061

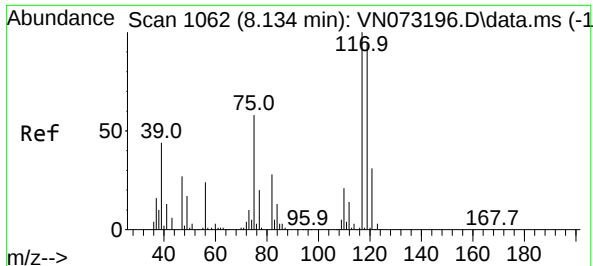
Ion Ratio Lower Upper

75 100

110 9.1 18.3 54.8#

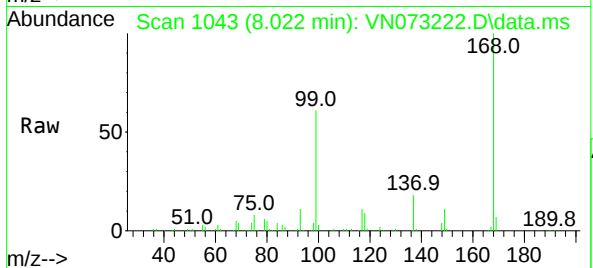
77 0.0 25.1 37.7#



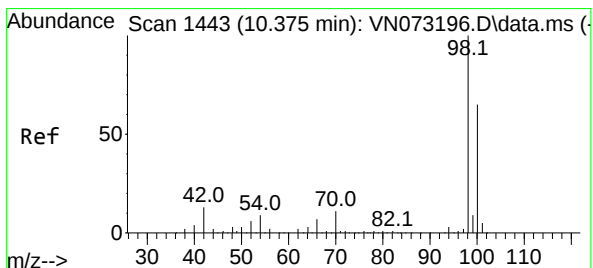
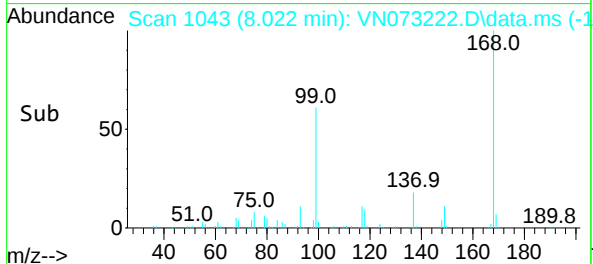
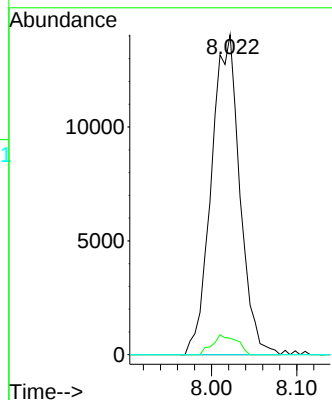


#38
Carbon Tetrachloride
Concen: 5.940 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. -0.112 min
Lab File: VN073222.D
Acq: 29 Jun 2022 01:29

Instrument :
MSVOA_N
ClientSampleId :

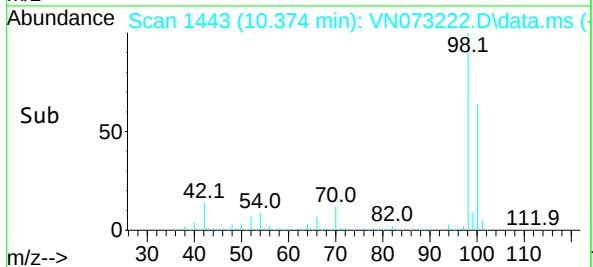
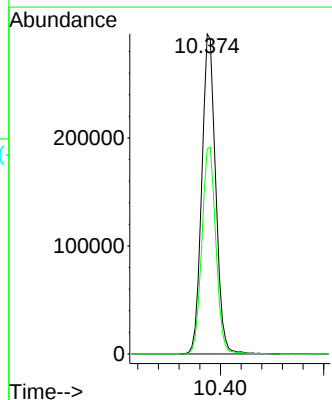
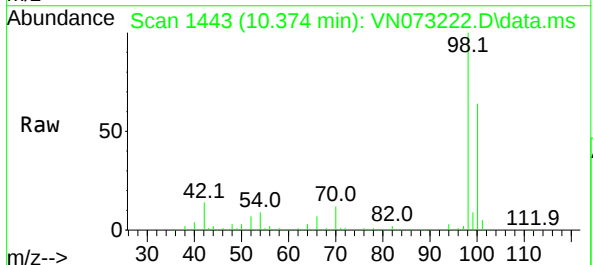


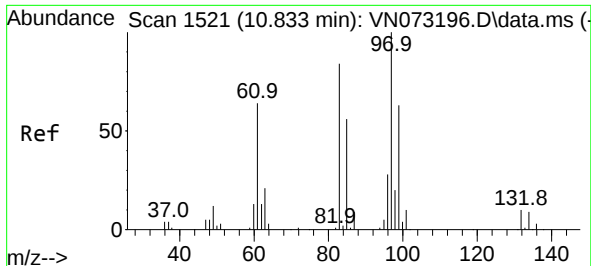
Tgt Ion:117 Resp: 32564
Ion Ratio Lower Upper
117 100
119 5.2 75.8 113.8#
121 0.0 24.6 37.0#



#50
Toluene-d8
Concen: 45.002 ug/l
RT: 10.374 min Scan# 1443
Delta R.T. -0.001 min
Lab File: VN073222.D
Acq: 29 Jun 2022 01:29

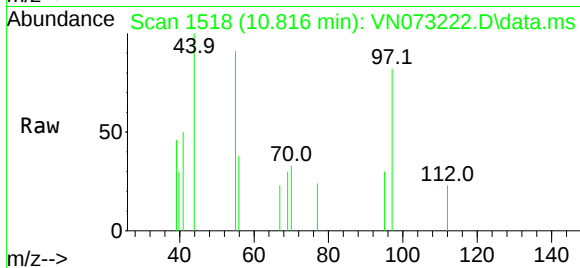
Tgt Ion: 98 Resp: 550648
Ion Ratio Lower Upper
98 100
100 65.3 52.6 78.8



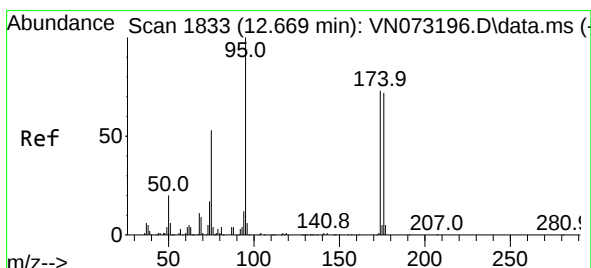
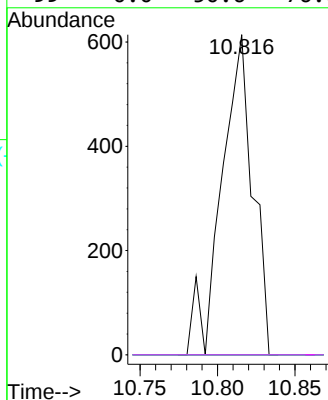
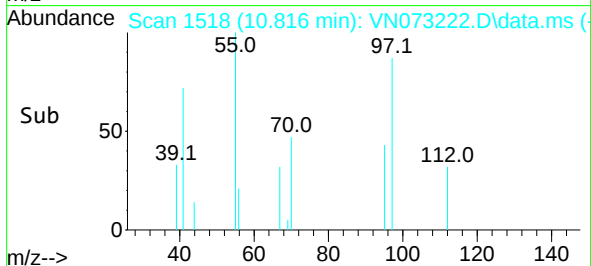


#55
1,1,2-Trichloroethane
Concen: 0.206 ug/l
RT: 10.816 min Scan# 1518
Delta R.T. -0.017 min
Lab File: VN073222.D
Acq: 29 Jun 2022 01:29

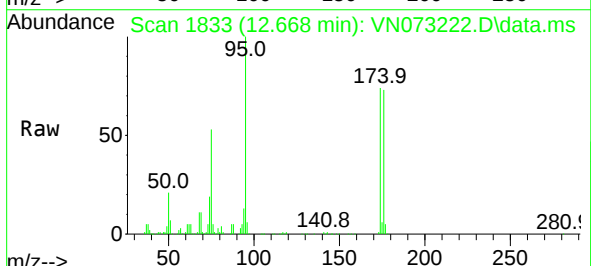
Instrument :
MSVOA_N
ClientSampleId :



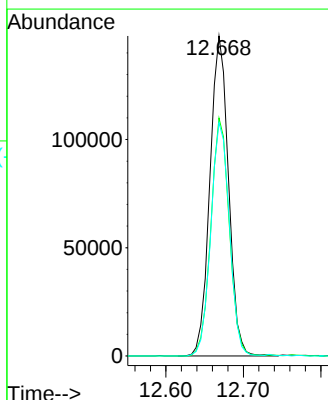
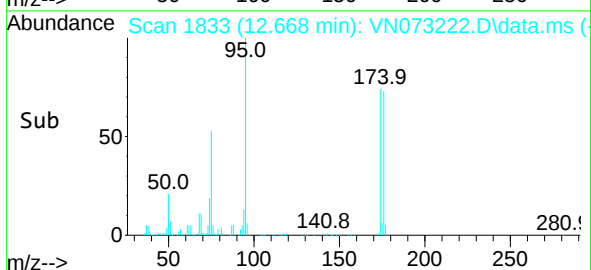
Tgt Ion: 97	Resp: 859
Ion Ratio	Lower Upper
97 100	
83 0.0	66.2 99.4#
85 0.0	43.9 65.9#
99 0.0	50.6 76.0#

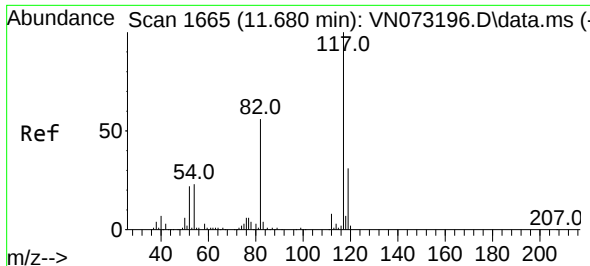


#62
4-Bromofluorobenzene
Concen: 52.326 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.001 min
Lab File: VN073222.D
Acq: 29 Jun 2022 01:29



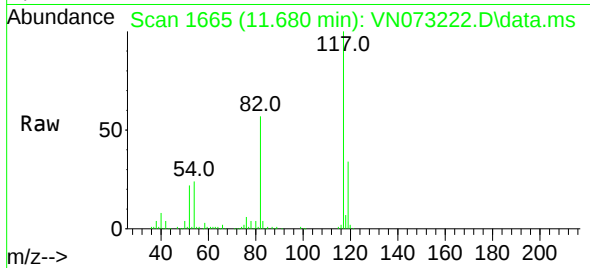
Tgt Ion: 95	Resp: 246052
Ion Ratio	Lower Upper
95 100	
174 73.6	0.0 167.6
176 72.9	0.0 163.4



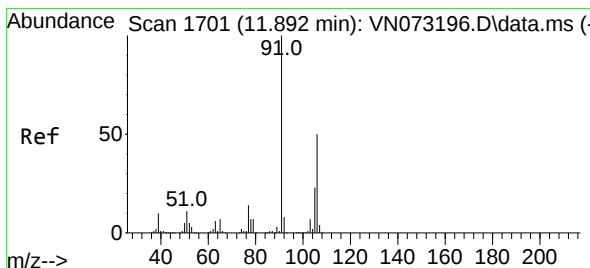
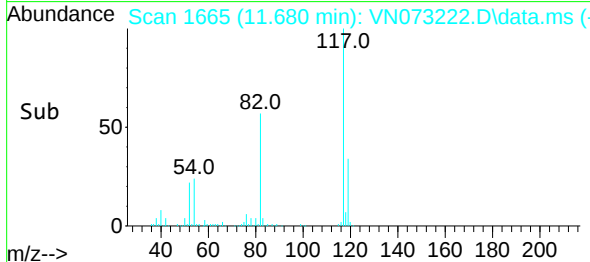
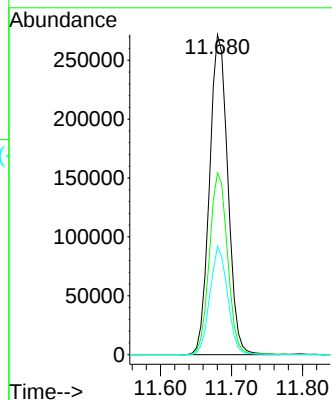


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 1165
Delta R.T. 0.000 min
Lab File: VN073222.D
Acq: 29 Jun 2022 01:29

Instrument :
MSVOA_N
ClientSampleId :

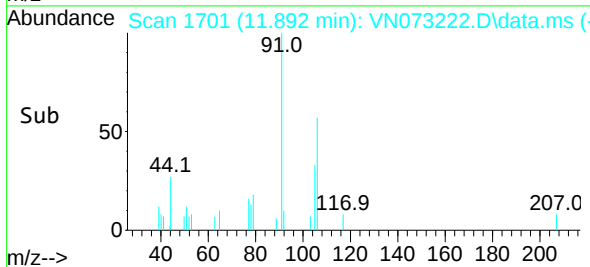
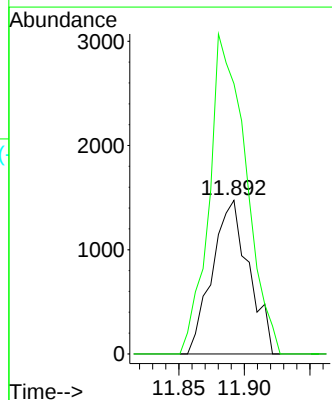
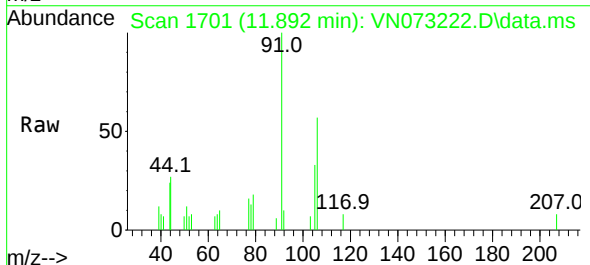


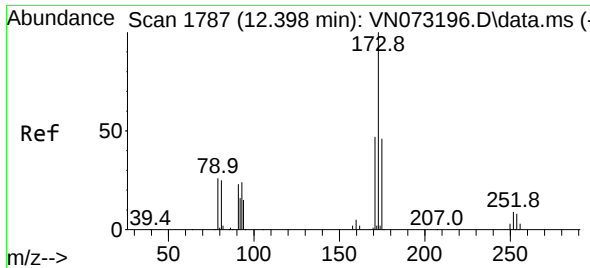
Tgt Ion:117 Resp: 485951
Ion Ratio Lower Upper
117 100
82 56.8 44.2 66.2
119 33.9 25.4 38.0



#68
m/p-Xylenes
Concen: 0.379 ug/l
RT: 11.892 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN073222.D
Acq: 29 Jun 2022 01:29

Tgt Ion:106 Resp: 2852
Ion Ratio Lower Upper
106 100
91 209.5 158.9 238.3

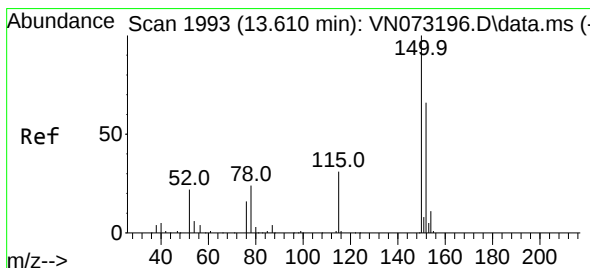
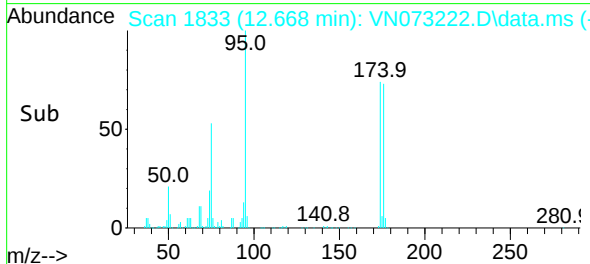
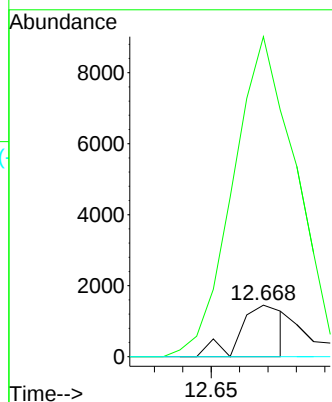
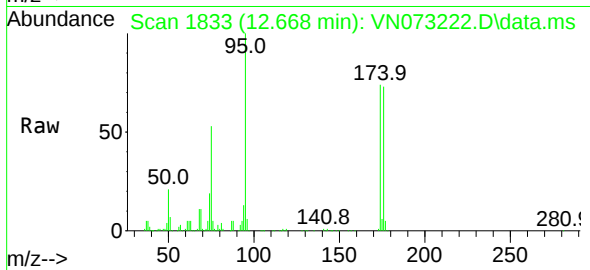




#71
Bromoform
Concen: 0.527 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. 0.270 min
Lab File: VN073222.D
Acq: 29 Jun 2022 01:29

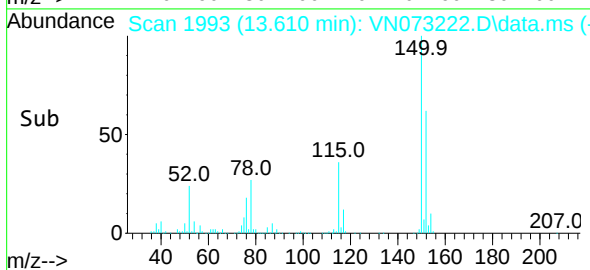
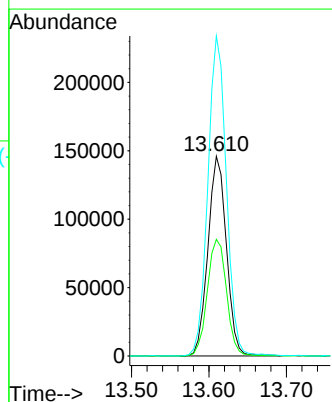
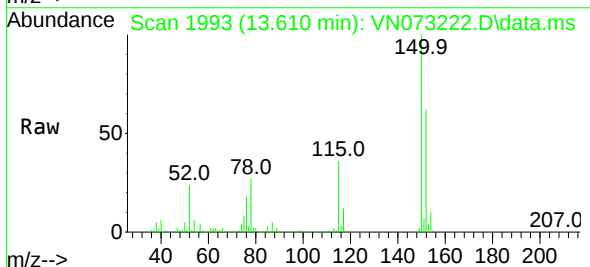
Instrument :
MSVOA_N
ClientSampleId :

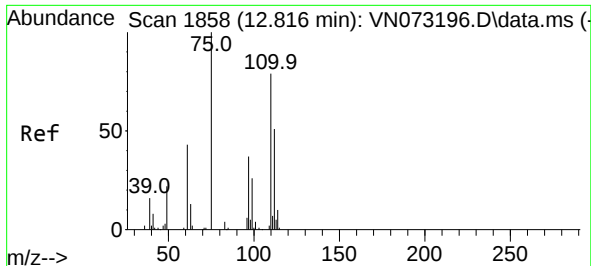
Tgt Ion:173 Resp: 1558
Ion Ratio Lower Upper
173 100
175 688.5 24.6 73.6#
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. -0.000 min
Lab File: VN073222.D
Acq: 29 Jun 2022 01:29

Tgt Ion:152 Resp: 241978
Ion Ratio Lower Upper
152 100
115 60.7 28.9 86.7
150 160.1 0.0 356.2

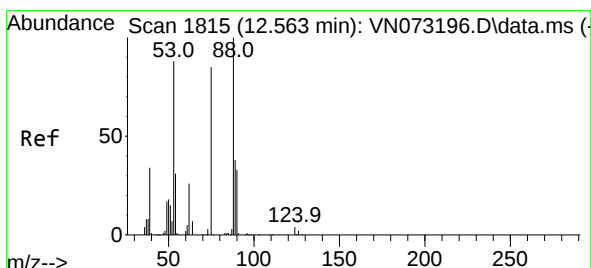
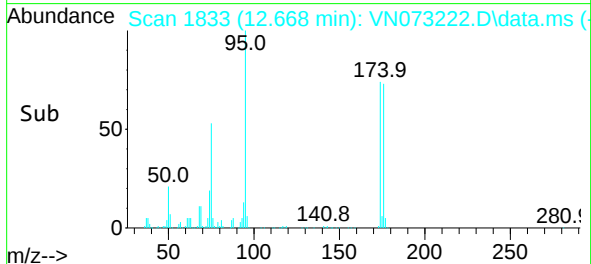
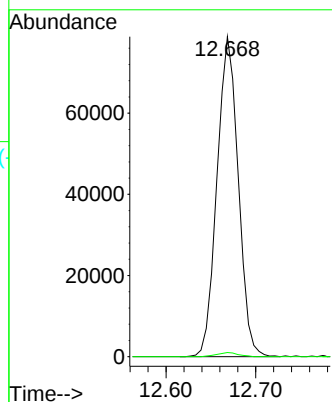
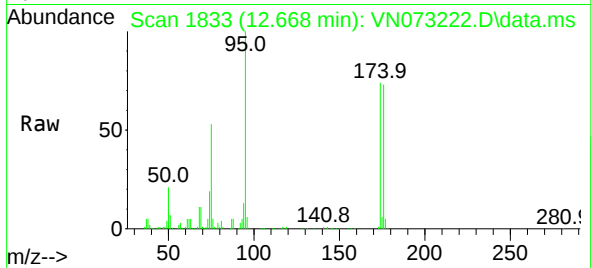




#76
1,2,3-Trichloropropane
Concen: 20.515 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.148 min
Lab File: VN073222.D
Acq: 29 Jun 2022 01:29

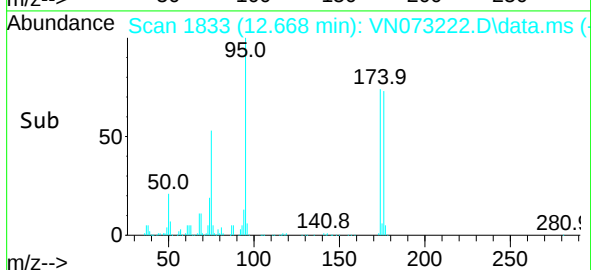
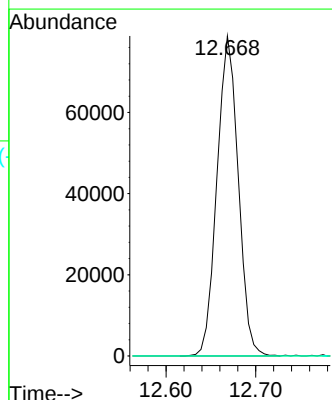
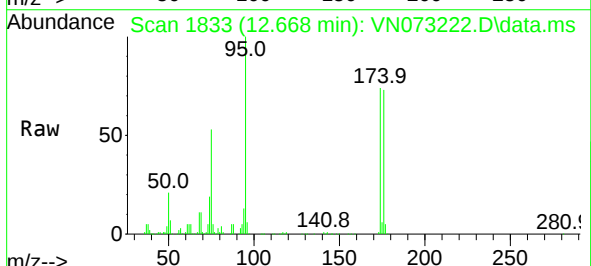
Instrument :
MSVOA_N
ClientSampleId :

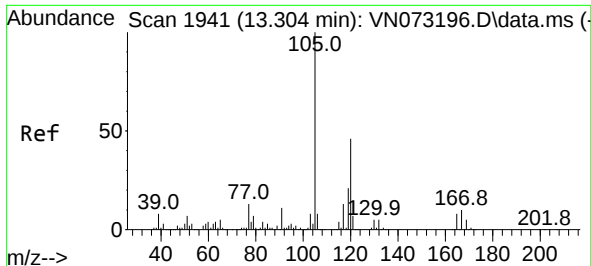
Tgt Ion: 75 Resp: 129802
Ion Ratio Lower Upper
75 100
77 1.3 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 56.261 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. 0.105 min
Lab File: VN073222.D
Acq: 29 Jun 2022 01:29

Tgt Ion: 75 Resp: 129802
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#

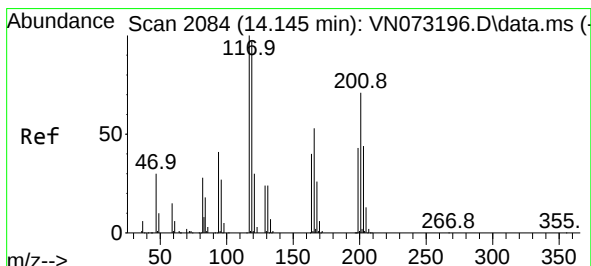
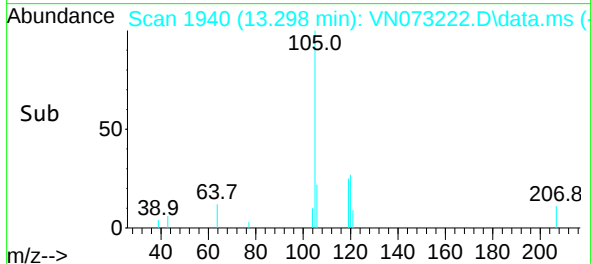
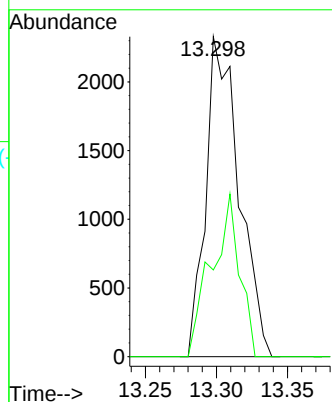
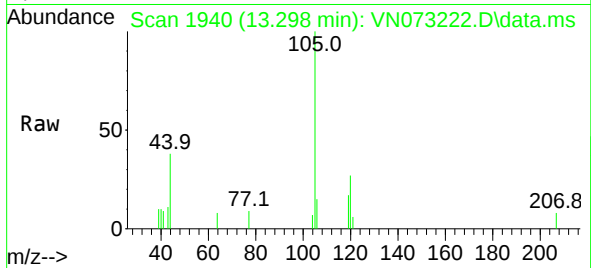




#84
1,2,4-Trimethylbenzene
Concen: 0.223 ug/l
RT: 13.298 min Scan# 1940
Delta R.T. -0.006 min
Lab File: VN073222.D
Acq: 29 Jun 2022 01:29

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:105 Resp: 3790
Ion Ratio Lower Upper
105 100
120 42.9 23.3 69.8



#90
Hexachloroethane
Concen: 2.155 ug/l
RT: 14.151 min Scan# 2085
Delta R.T. 0.006 min
Lab File: VN073222.D
Acq: 29 Jun 2022 01:29

Tgt Ion:117 Resp: 6653
Ion Ratio Lower Upper
117 100
201 0.0 40.6 122.0#

