

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070722\
 Data File : VN073374.D
 Acq On : 07 Jul 2022 16:21
 Operator : JC\MD
 Sample : N3620-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-TT-MW174I1-GW-20220706

Quant Time: Jul 08 03:02:13 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)

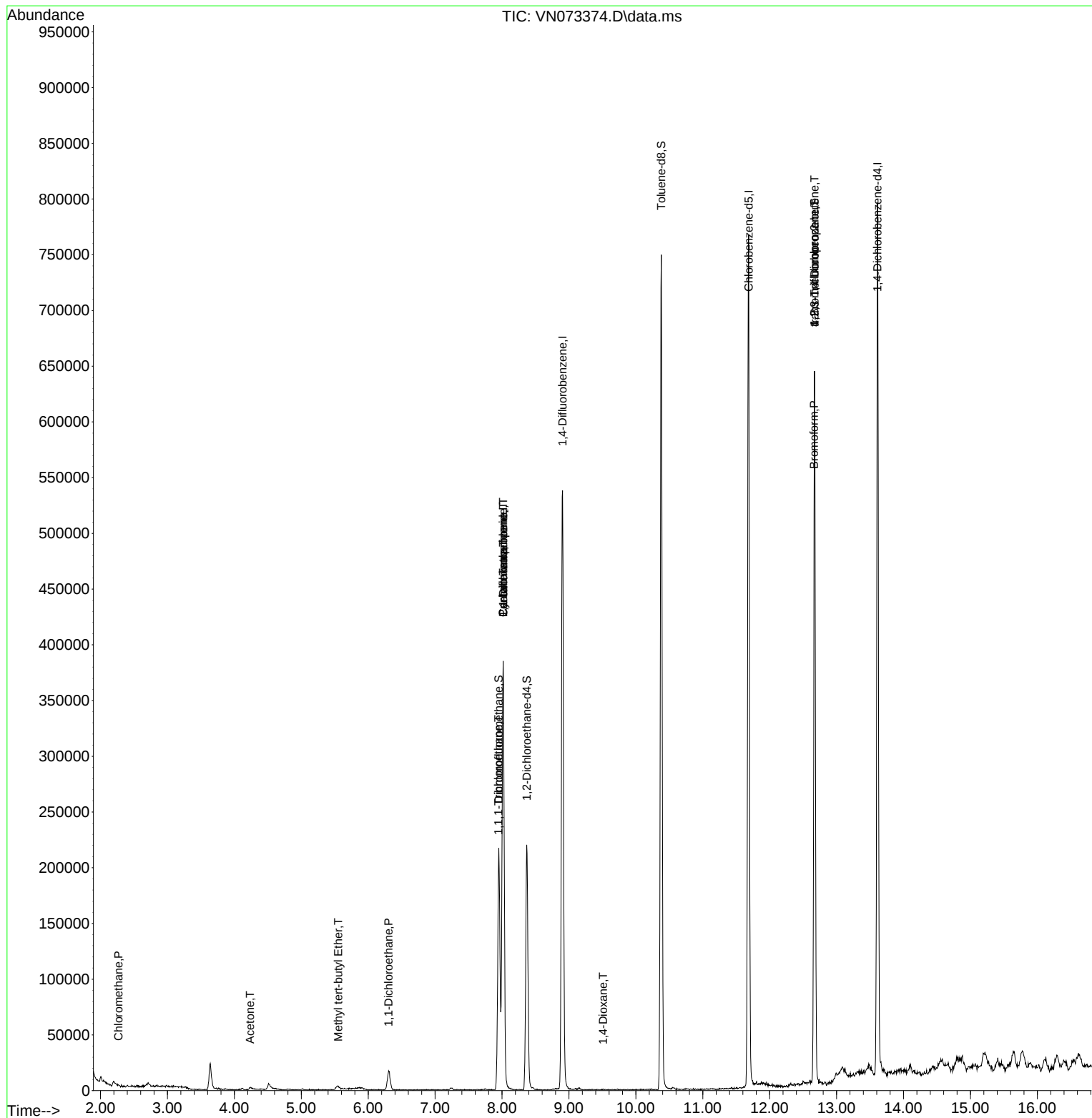
Internal Standards						
1) Pentafluorobenzene	8.016	168	290529	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	486486	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	451105	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	209601	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	182393	43.488	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	86.980%		
35) Dibromofluoromethane	7.951	113	154469	47.725	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.440%		
50) Toluene-d8	10.381	98	516873	44.963	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	89.920%		
62) 4-Bromofluorobenzene	12.669	95	223578	50.610	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	101.220%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.269	50	1301	0.315	ug/l	89
16) Acetone	4.234	43	4080	1.733	ug/l #	42
19) Methyl tert-butyl Ether	5.552	73	4628	0.371	ug/l	91
24) 1,1-Dichloroethane	6.304	63	25463	3.660	ug/l #	95
31) Cyclohexane	8.016	56	6952	1.012	ug/l #	32
32) 1,1,1-Trichloroethane	7.946	97	1258	0.201	ug/l #	44
36) 1,1-Dichloropropene	8.016	75	23905	4.800	ug/l #	49
38) Carbon Tetrachloride	8.016	117	29938	5.813	ug/l #	15
49) 1,4-Dioxane	9.510	88	196	2.062	ug/l #	45
71) Bromoform	12.663	173	1950	0.710	ug/l #	1
76) 1,2,3-Trichloropropane	12.669	75	116882	21.326	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.669	75	116882	58.487	ug/l #	10

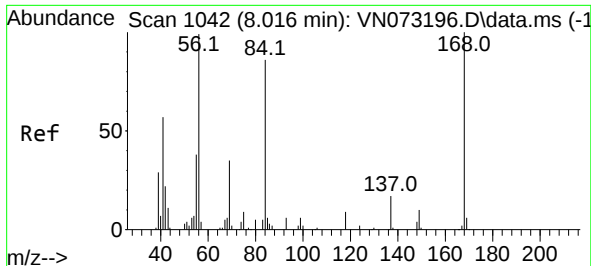
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_N
ClientSampleId :
BP-TT-MW17411-GW-20220706

Quant Time: Jul 08 03:02:13 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

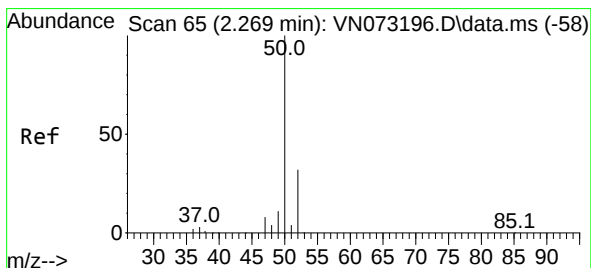
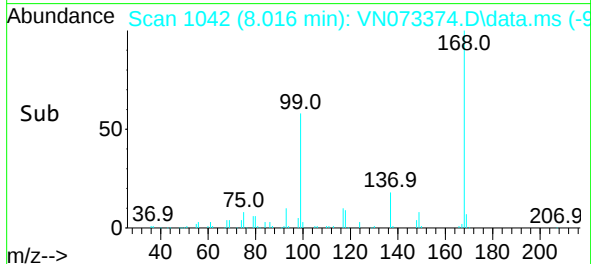
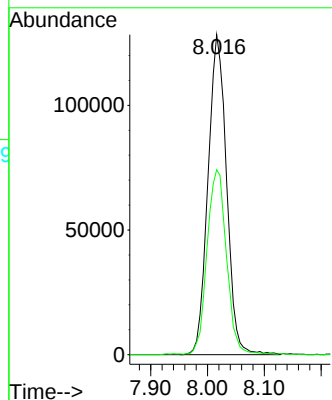
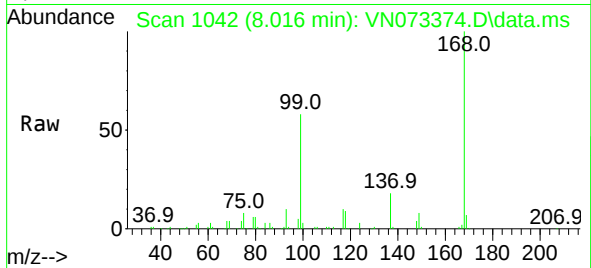




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. 0.000 min
Lab File: VN073374.D
Acq: 07 Jul 2022 16:21

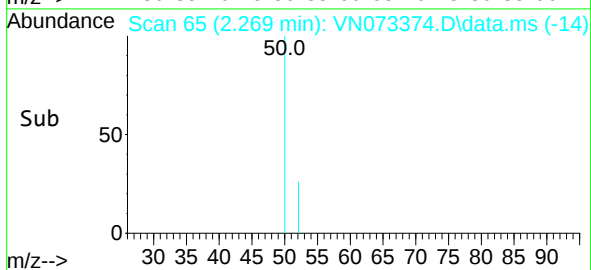
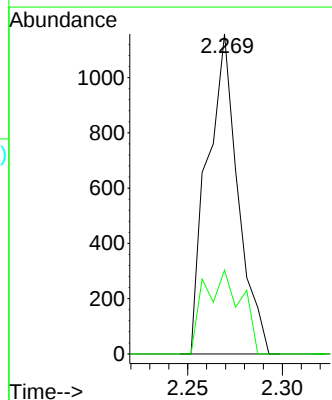
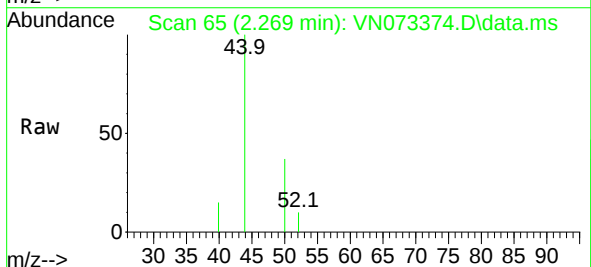
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-MW174I1-GW-20220706

Tgt Ion:168 Resp: 290529
Ion Ratio Lower Upper
168 100
99 57.6 42.3 63.5



#3
Chloromethane
Concen: 0.315 ug/l
RT: 2.269 min Scan# 65
Delta R.T. 0.000 min
Lab File: VN073374.D
Acq: 07 Jul 2022 16:21

Tgt Ion: 50 Resp: 1301
Ion Ratio Lower Upper
50 100
52 26.2 25.7 38.5

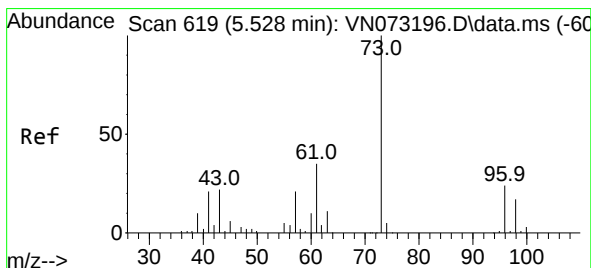
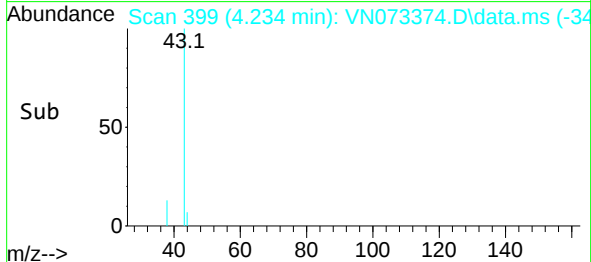
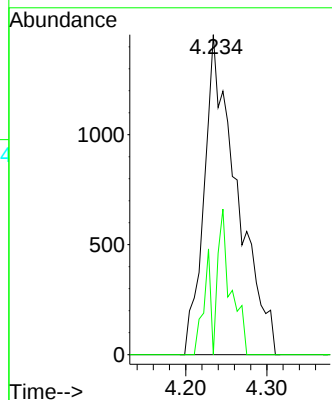
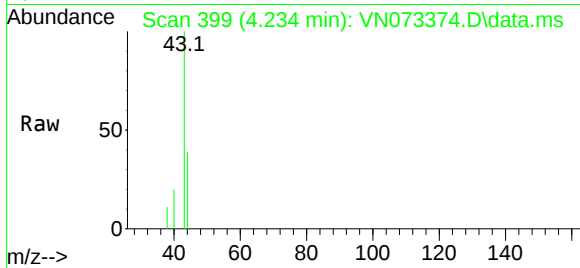




#16
Acetone
Concen: 1.733 ug/l
RT: 4.234 min Scan# 399
Delta R.T. 0.012 min
Lab File: VN073374.D
Acq: 07 Jul 2022 16:21

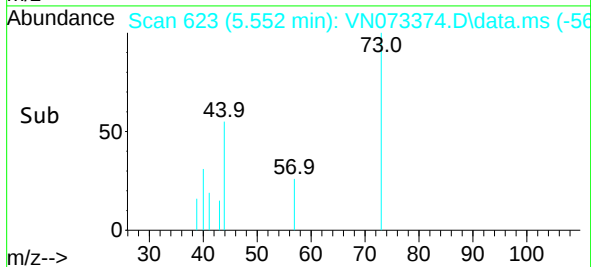
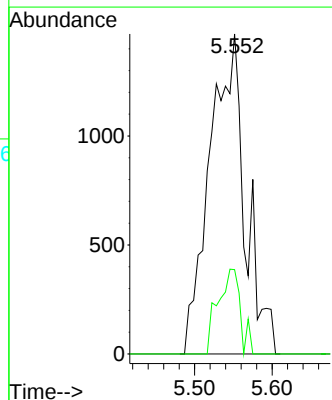
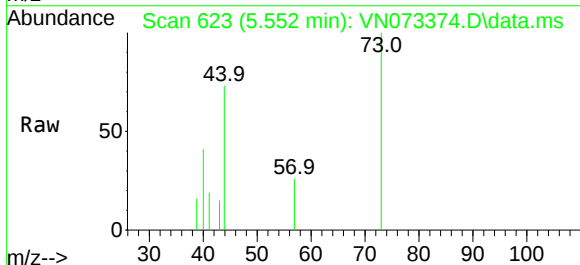
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-MW17411-GW-20220706

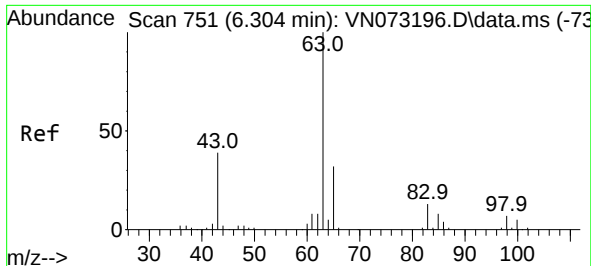
Tgt Ion: 43 Resp: 4080
Ion Ratio Lower Upper
43 100
58 0.0 26.0 39.0#



#19
Methyl tert-butyl Ether
Concen: 0.371 ug/l
RT: 5.552 min Scan# 623
Delta R.T. 0.024 min
Lab File: VN073374.D
Acq: 07 Jul 2022 16:21

Tgt Ion: 73 Resp: 4628
Ion Ratio Lower Upper
73 100
57 26.4 17.6 26.4

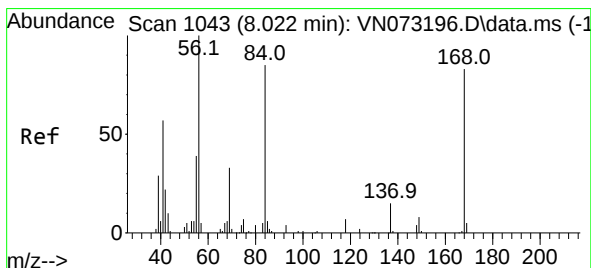
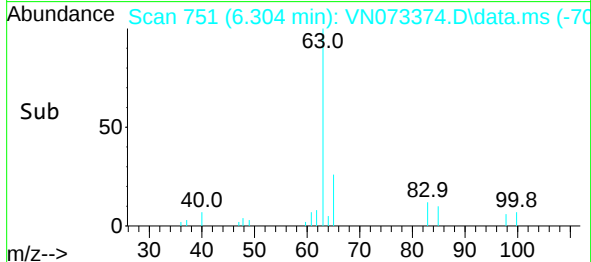
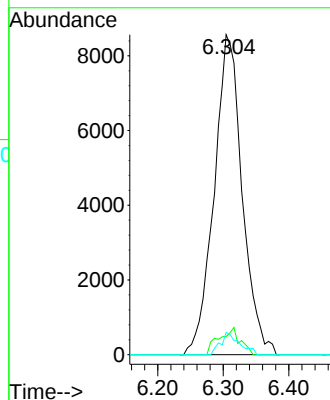
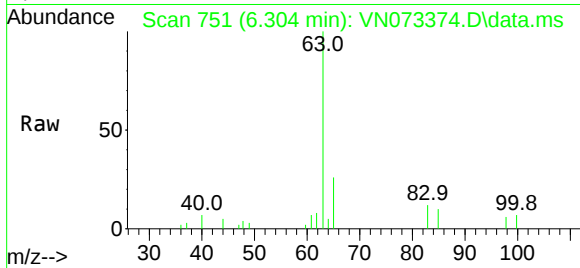




#24
1,1-Dichloroethane
Concen: 3.660 ug/l
RT: 6.304 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN073374.D
Acq: 07 Jul 2022 16:21

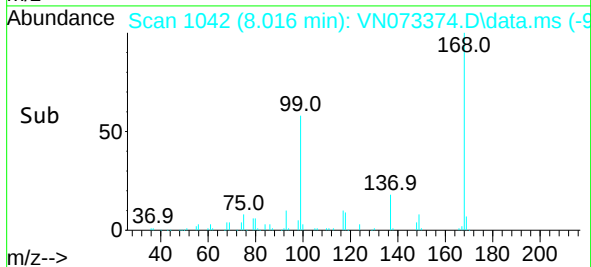
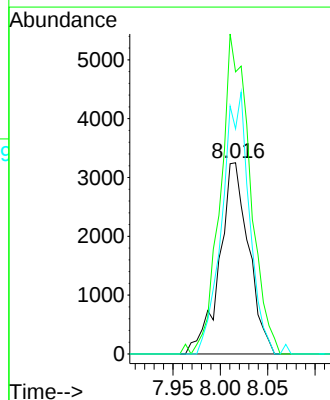
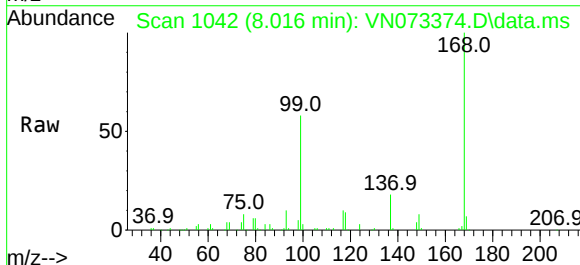
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-MW174I1-GW-20220706

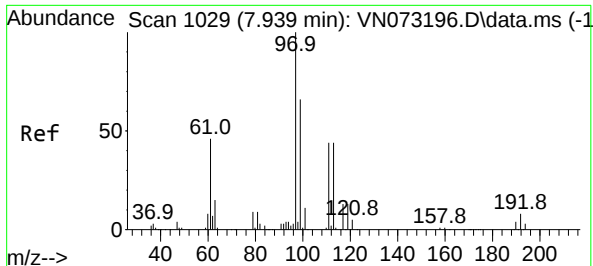
Tgt Ion: 63 Resp: 25463
Ion Ratio Lower Upper
63 100
98 5.7 3.5 10.4
100 6.9 2.3 6.8#



#31
Cyclohexane
Concen: 1.012 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.006 min
Lab File: VN073374.D
Acq: 07 Jul 2022 16:21

Tgt Ion: 56 Resp: 6952
Ion Ratio Lower Upper
56 100
69 147.5 27.8 41.8#
84 117.7 76.9 115.3#





#32

1,1,1-Trichloroethane

Concen: 0.201 ug/l

RT: 7.946 min Scan# 1102

Delta R.T. 0.006 min

Lab File: VN073374.D

Acq: 07 Jul 2022 16:21

Instrument :

MSVOA_N

ClientSampleId :

BP-TT-MW174I1-GW-20220706

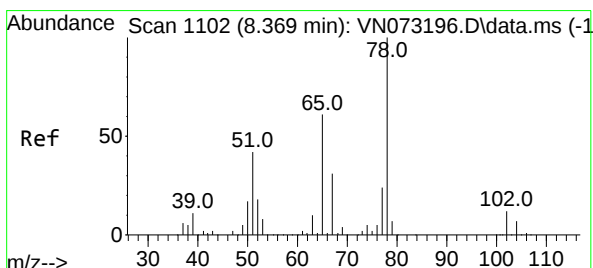
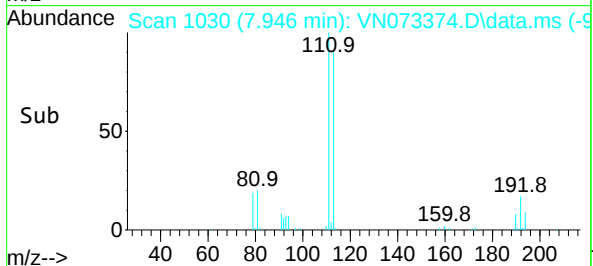
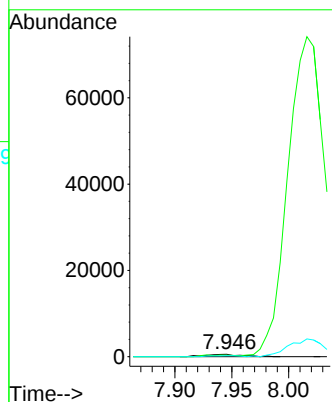
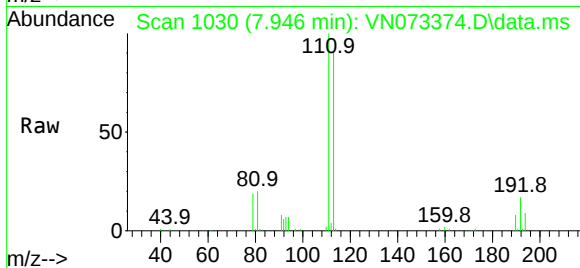
Tgt Ion: 97 Resp: 1258

Ion Ratio Lower Upper

97 100

99 0.0 50.6 76.0#

61 32.3 36.0 54.0#



#33

1,2-Dichloroethane-d4

Concen: 43.488 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VN073374.D

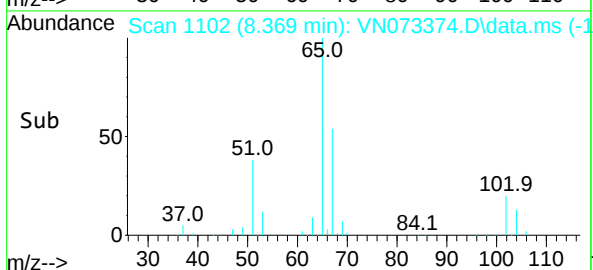
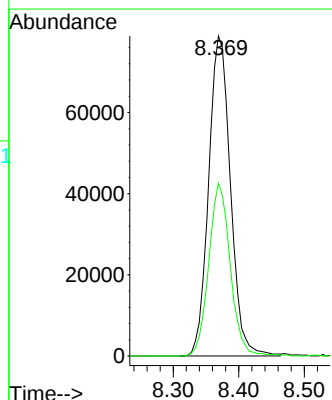
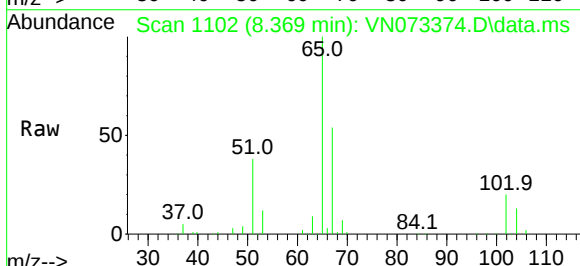
Acq: 07 Jul 2022 16:21

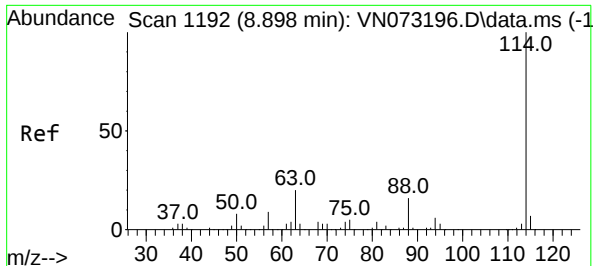
Tgt Ion: 65 Resp: 182393

Ion Ratio Lower Upper

65 100

67 53.1 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1192

Delta R.T. 0.006 min

Lab File: VN073374.D

Acq: 07 Jul 2022 16:21

Instrument :

MSVOA_N

ClientSampleId :

BP-TT-MW174I1-GW-20220706

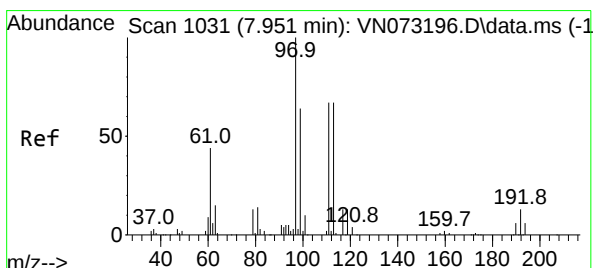
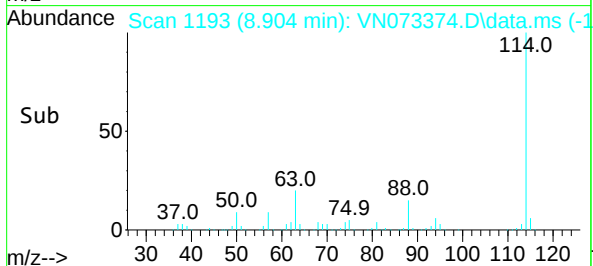
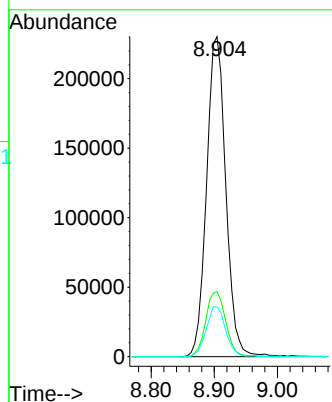
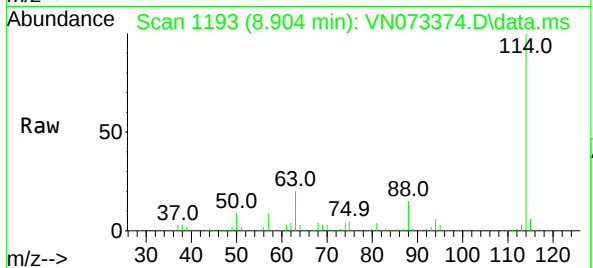
Tgt Ion:114 Resp: 486486

Ion Ratio Lower Upper

114 100

63 20.3 0.0 40.0

88 15.5 0.0 32.6



#35

Dibromofluoromethane

Concen: 47.725 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073374.D

Acq: 07 Jul 2022 16:21

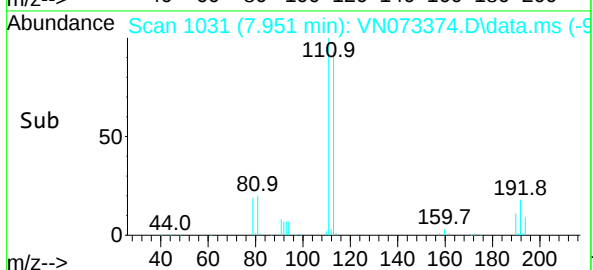
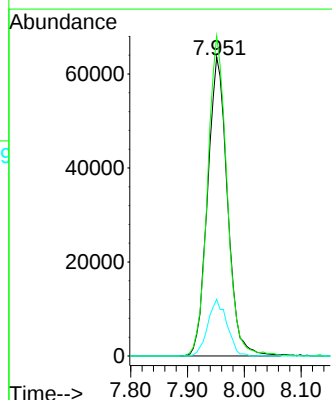
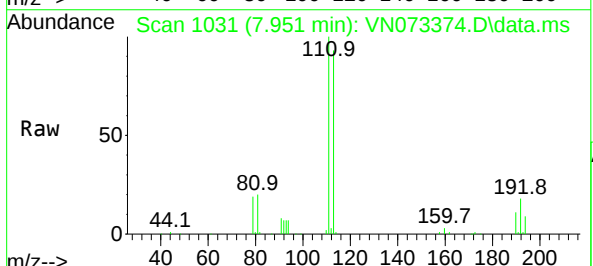
Tgt Ion:113 Resp: 154469

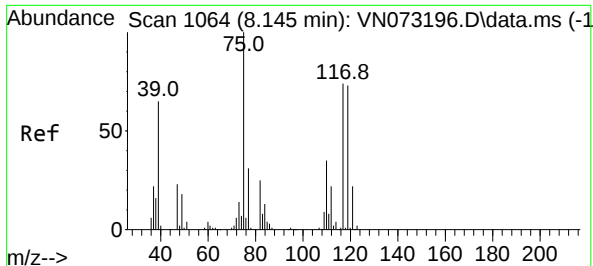
Ion Ratio Lower Upper

113 100

111 104.3 81.4 122.0

192 18.2 17.0 25.6





#36

1,1-Dichloropropene

Concen: 4.800 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.129 min

Lab File: VN073374.D

Acq: 07 Jul 2022 16:21

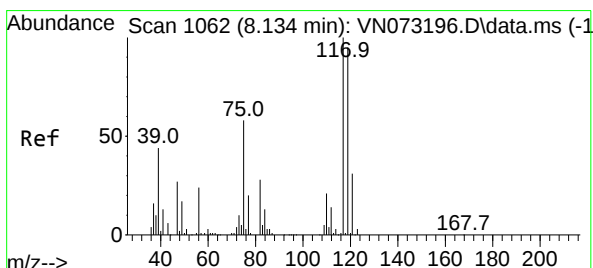
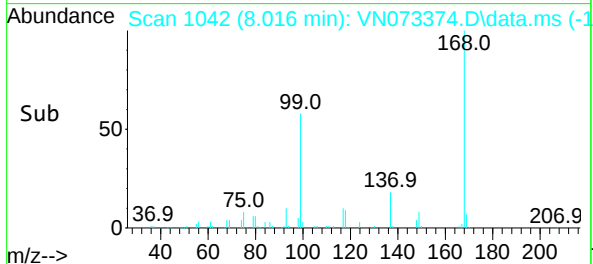
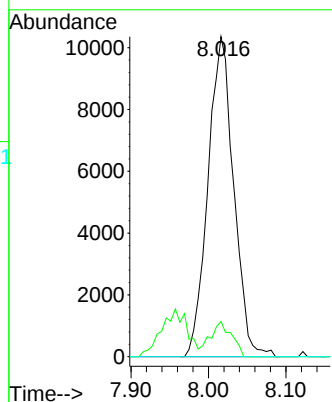
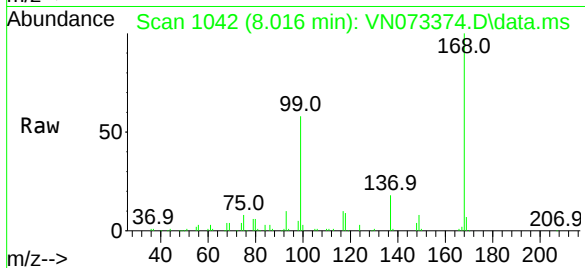
Instrument :

MSVOA_N

ClientSampleId :

BP-TT-MW174I1-GW-20220706

Tgt Ion: 75	Resp:	23905
Ion Ratio	Lower	Upper
75	100	
110	9.2	18.3 54.8#
77	0.0	25.1 37.7#



#38

Carbon Tetrachloride

Concen: 5.813 ug/l

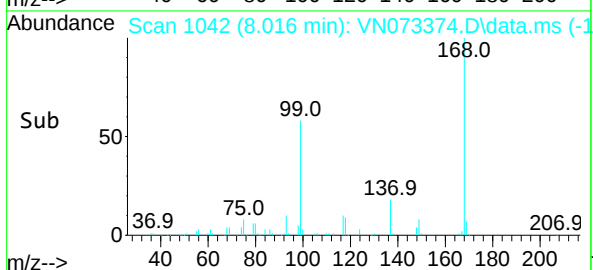
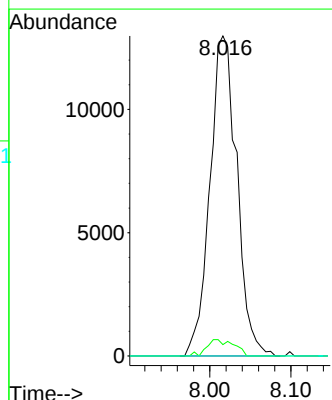
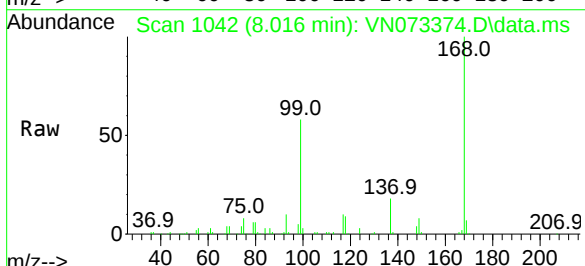
RT: 8.016 min Scan# 1042

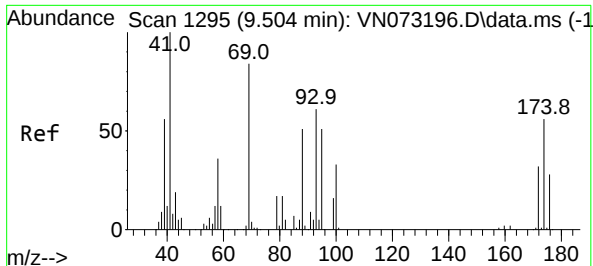
Delta R.T. -0.118 min

Lab File: VN073374.D

Acq: 07 Jul 2022 16:21

Tgt Ion: 117	Resp:	29938
Ion Ratio	Lower	Upper
117	100	
119	3.6	75.8 113.8#
121	0.0	24.6 37.0#

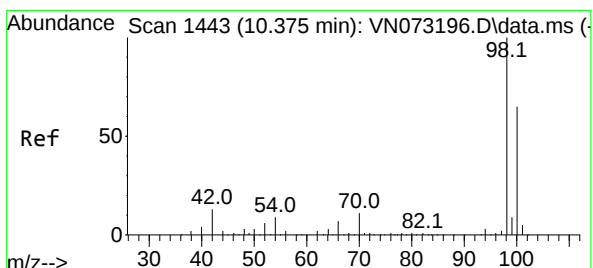
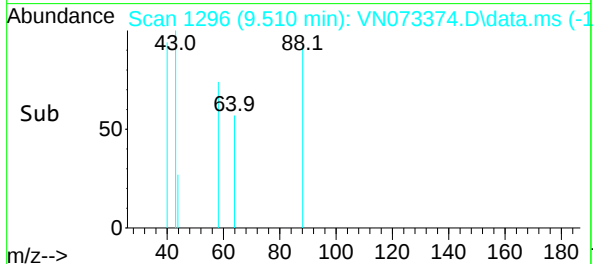
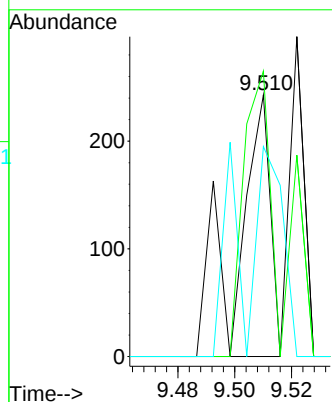
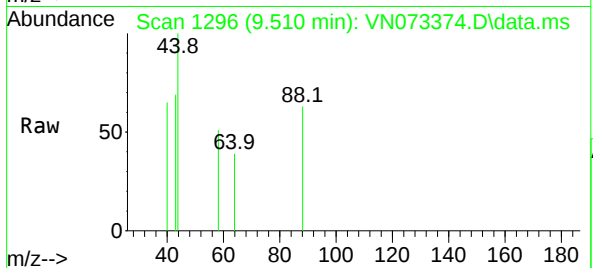




#49
1,4-Dioxane
Concen: 2.062 ug/l
RT: 9.510 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN073374.D
Acq: 07 Jul 2022 16:21

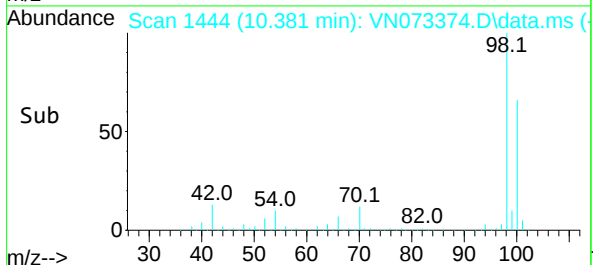
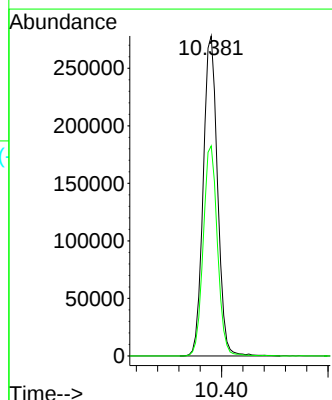
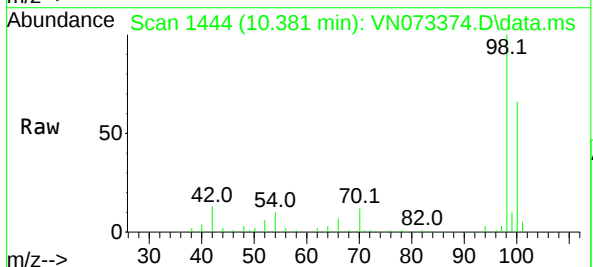
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BP-TT-MW174I1-GW-20220706

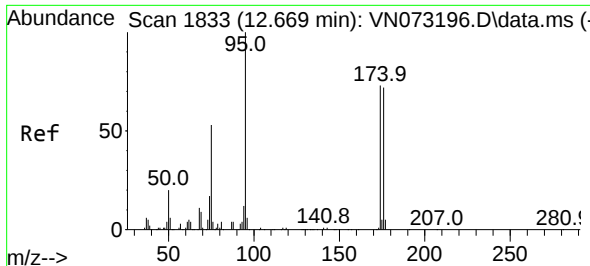
Tgt Ion: 88 Resp: 196
Ion Ratio Lower Upper
88 100
43 120.4 20.2 30.4#
58 63.8 54.2 81.4



#50
Toluene-d8
Concen: 44.963 ug/l
RT: 10.381 min Scan# 1444
Delta R.T. 0.006 min
Lab File: VN073374.D
Acq: 07 Jul 2022 16:21

Tgt Ion: 98 Resp: 516873
Ion Ratio Lower Upper
98 100
100 65.3 52.6 78.8

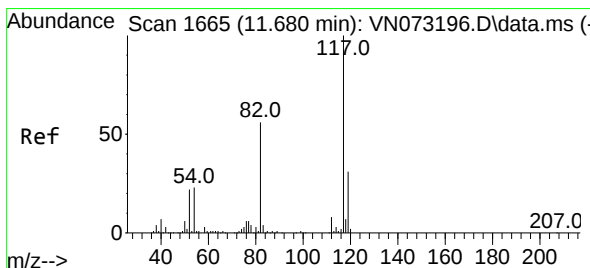
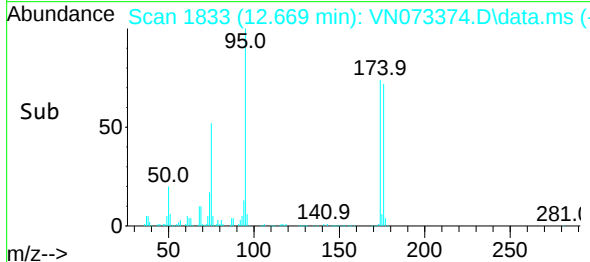
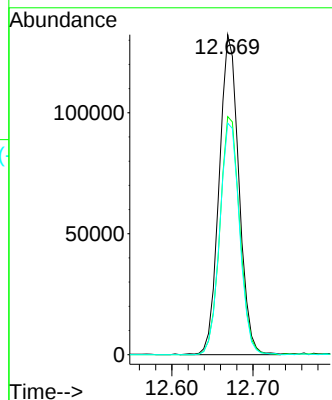
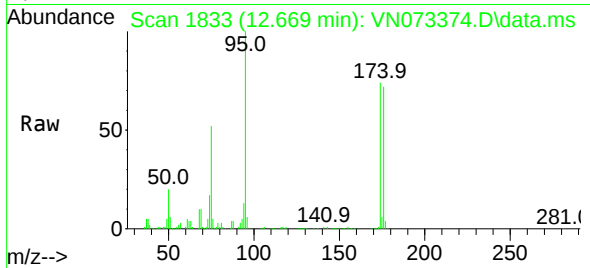




#62
4-Bromofluorobenzene
Concen: 50.610 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN073374.D
Acq: 07 Jul 2022 16:21

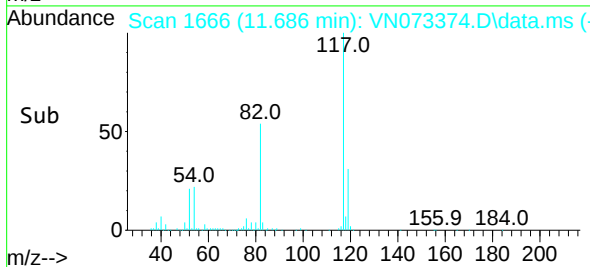
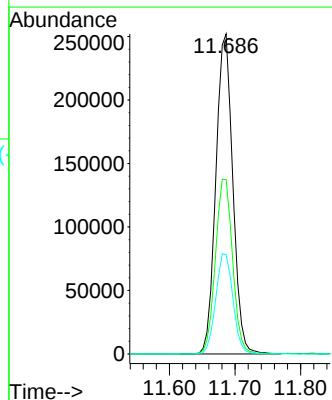
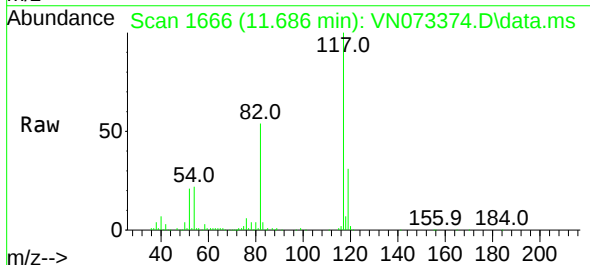
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-MW174I1-GW-20220706

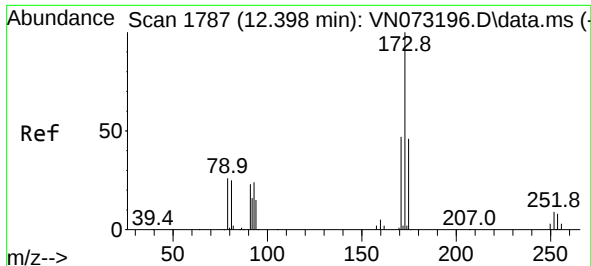
Tgt Ion: 95 Resp: 223578
Ion Ratio Lower Upper
95 100
174 74.6 0.0 167.6
176 72.6 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.006 min
Lab File: VN073374.D
Acq: 07 Jul 2022 16:21

Tgt Ion: 117 Resp: 451105
Ion Ratio Lower Upper
117 100
82 54.5 44.2 66.2
119 31.1 25.4 38.0

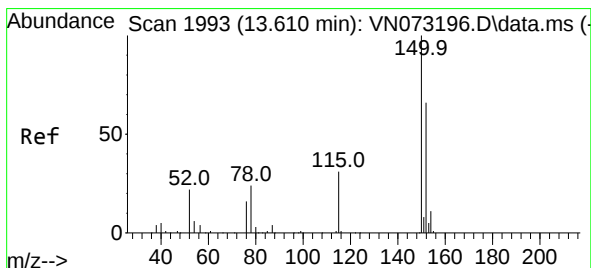
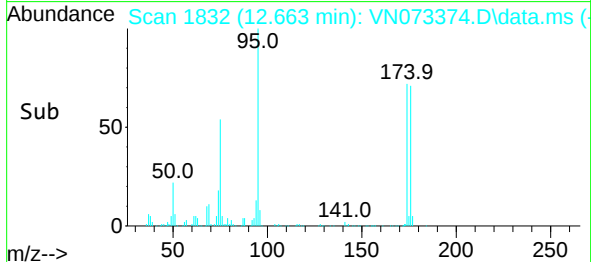
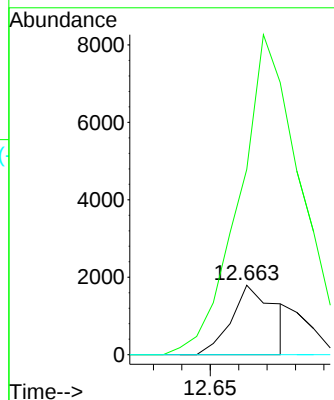
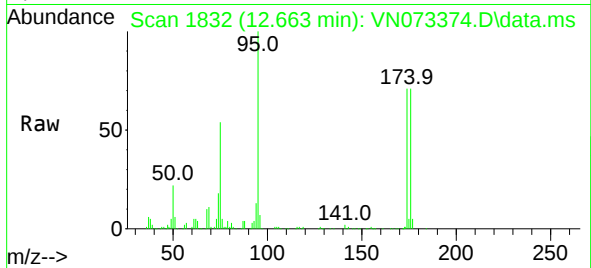




#71
Bromoform
Concen: 0.710 ug/l
RT: 12.663 min Scan# 1832
Delta R.T. 0.265 min
Lab File: VN073374.D
Acq: 07 Jul 2022 16:21

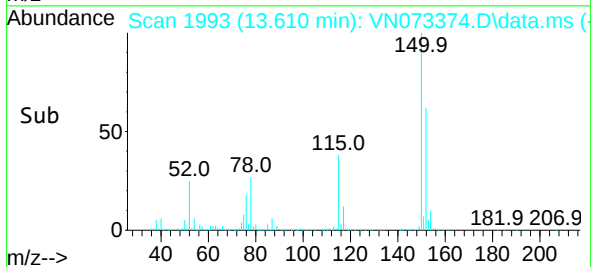
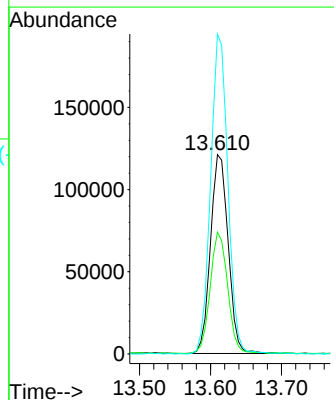
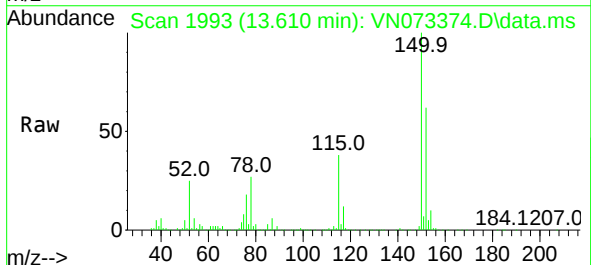
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-MW174I1-GW-20220706

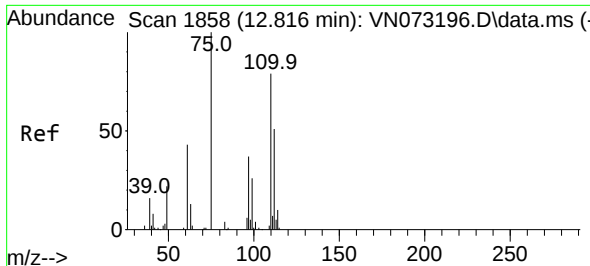
Tgt Ion:173 Resp: 1950
Ion Ratio Lower Upper
173 100
175 456.6 24.6 73.6#
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. -0.000 min
Lab File: VN073374.D
Acq: 07 Jul 2022 16:21

Tgt Ion:152 Resp: 209601
Ion Ratio Lower Upper
152 100
115 60.3 28.9 86.7
150 156.6 0.0 356.2

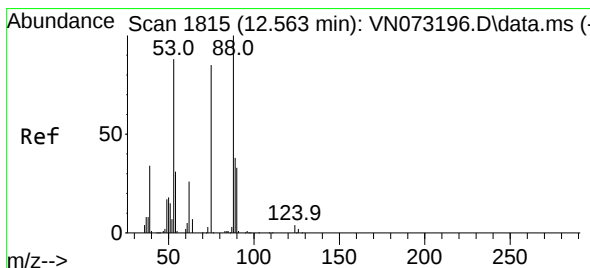
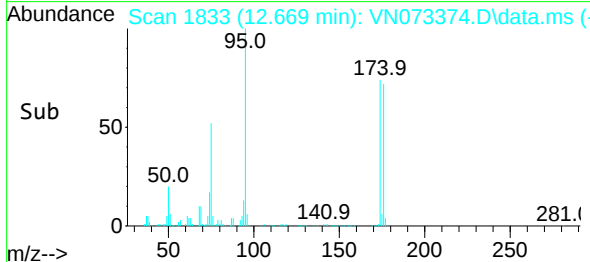
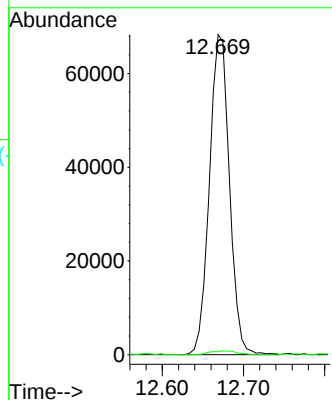
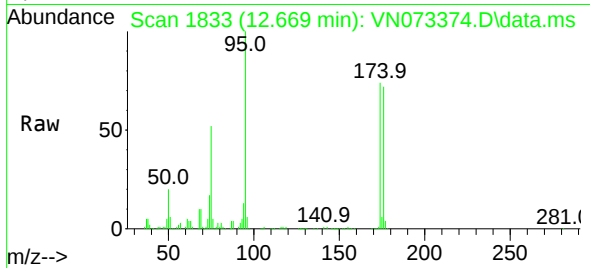




#76
1,2,3-Trichloropropane
Concen: 21.326 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.147 min
Lab File: VN073374.D
Acq: 07 Jul 2022 16:21

Instrument :
MSVOA_N
ClientSampleId :
BP-TT-MW174I1-GW-20220706

Tgt Ion: 75 Resp: 116882
Ion Ratio Lower Upper
75 100
77 1.6 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 58.487 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.106 min
Lab File: VN073374.D
Acq: 07 Jul 2022 16:21

Tgt Ion: 75 Resp: 116882
Ion Ratio Lower Upper
75 100
53 0.1 78.0 117.0#
89 0.1 37.2 55.8#

