

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062122\
 Data File : VN072980.D
 Acq On : 21 Jun 2022 13:53
 Operator : JC\MD
 Sample : N3379-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-2022-06-16

Quant Time: Jun 22 07:00:20 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)

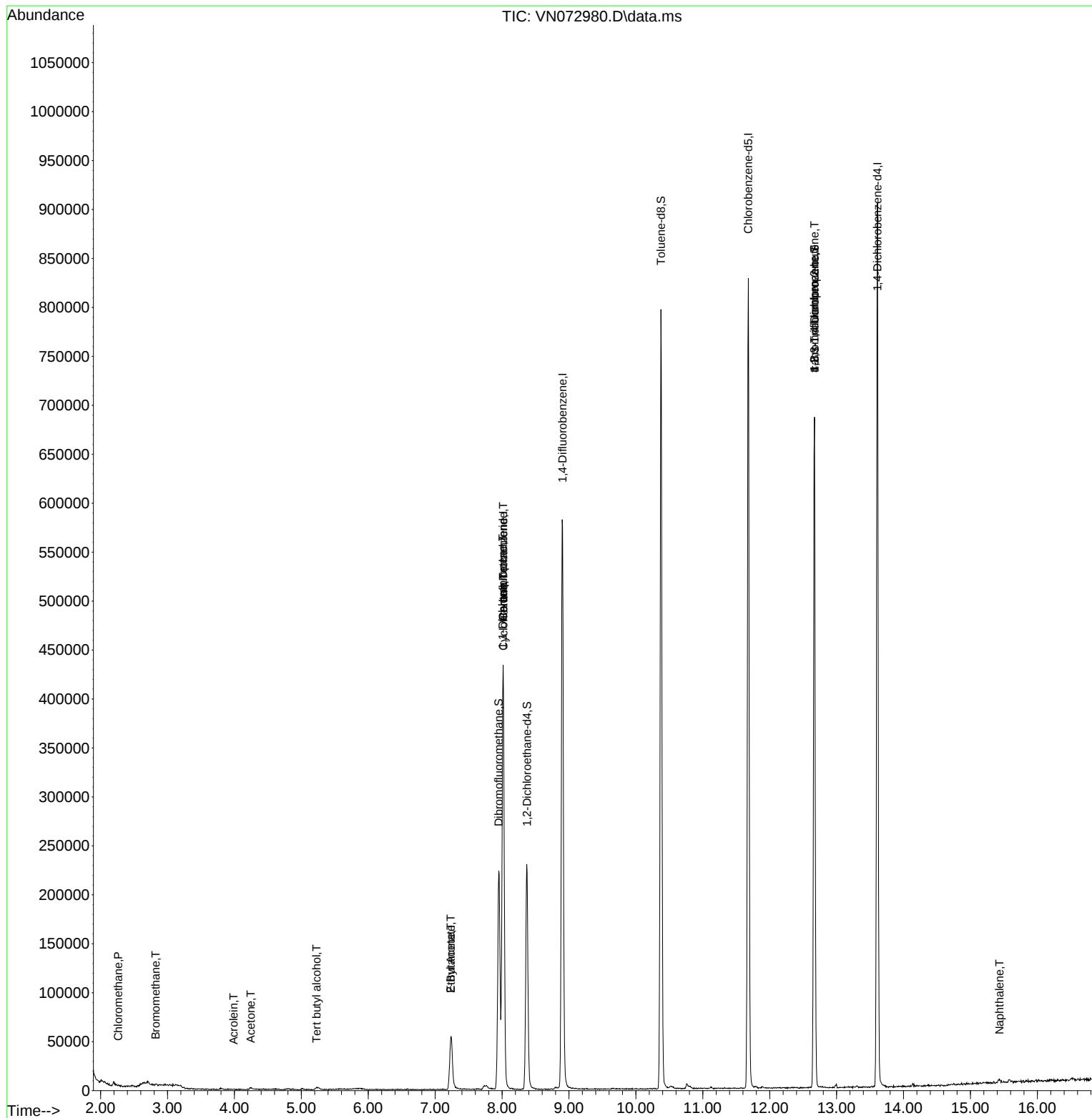
Internal Standards						
1) Pentafluorobenzene	8.016	168	331932	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	526236	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	475752	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	237723	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	193271	43.067	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	86.140%		
35) Dibromofluoromethane	7.951	113	166850	51.297	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	102.600%		
50) Toluene-d8	10.375	98	540407	44.650	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	89.300%		
62) 4-Bromofluorobenzene	12.669	95	238335	54.763	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	109.520%		
Target Compounds					Qvalue	
3) Chloromethane	2.263	50	543	0.727	ug/l #	43
5) Bromomethane	2.822	94	274	0.246	ug/l #	78
11) Tert butyl alcohol	5.228	59	1554	1.341	ug/l #	72
13) Acrolein	3.987	56	112	0.245	ug/l #	16
16) Acetone	4.246	43	3828	1.552	ug/l	90
20) Methylene Chloride	5.022	84	699	Below Cal	#	56
25) 2-Butanone	7.234	43	3254	0.831	ug/l	89
26) 2,2-Dichloropropane	7.239	77	2334	Below Cal	#	53
31) Cyclohexane	8.022	56	7431	1.224	ug/l #	36
36) 1,1-Dichloropropene	8.010	75	26912	6.115	ug/l #	48
37) Ethyl Acetate	7.234	43	3254	0.462	ug/l #	11
38) Carbon Tetrachloride	8.016	117	33078	7.145	ug/l #	15
76) 1,2,3-Trichloropropane	12.669	75	124561	21.612	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.669	75	124561	58.365	ug/l #	10
95) Naphthalene	15.433	128	3790	0.206	ug/l #	83

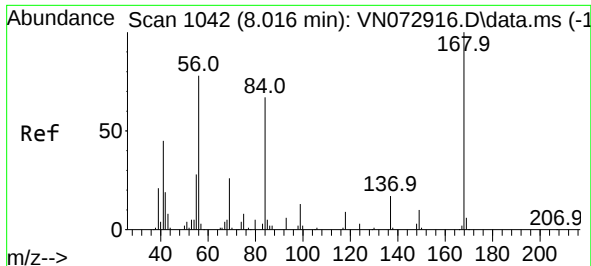
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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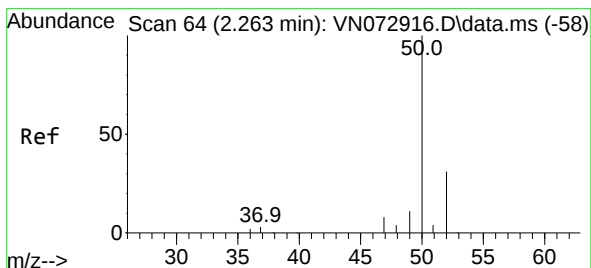
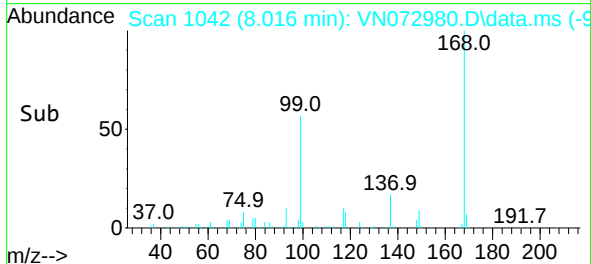
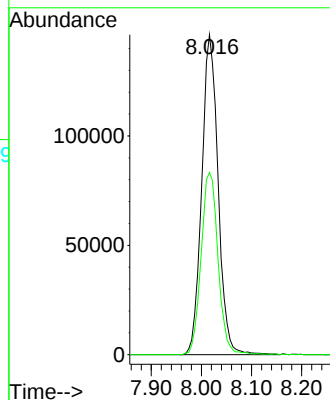
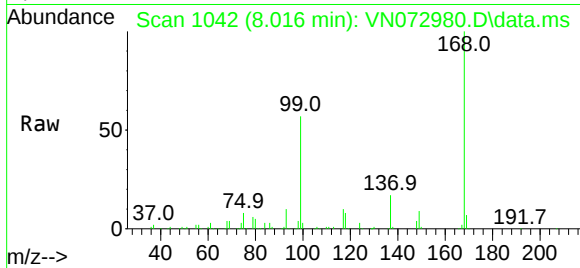




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN072980.D
Acq: 21 Jun 2022 13:53

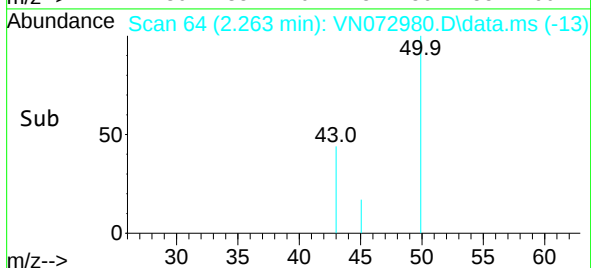
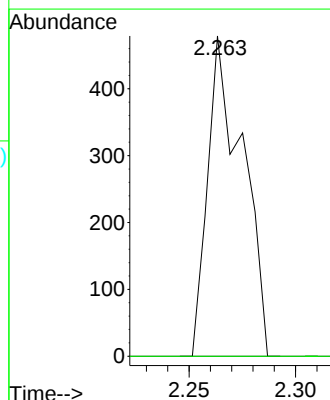
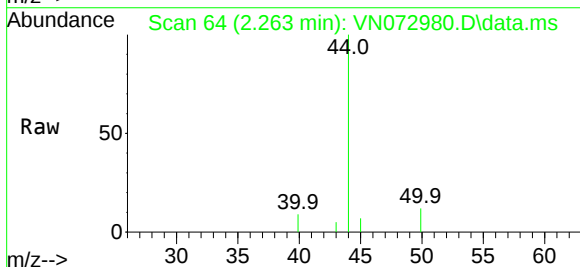
Instrument :
MSVOA_N
ClientSampleId :
TB-2022-06-16

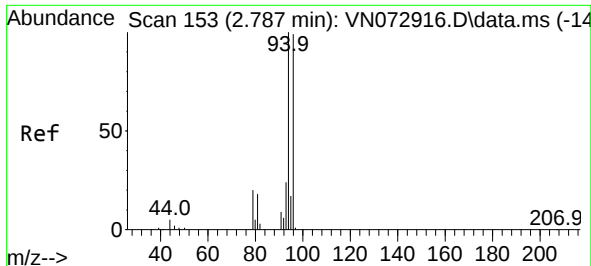
Tgt Ion:168 Resp: 331932
Ion Ratio Lower Upper
168 100
99 56.9 42.3 63.5



#3
Chloromethane
Concen: 0.727 ug/l
RT: 2.263 min Scan# 64
Delta R.T. 0.000 min
Lab File: VN072980.D
Acq: 21 Jun 2022 13:53

Tgt Ion: 50 Resp: 543
Ion Ratio Lower Upper
50 100
52 0.0 25.7 38.5#

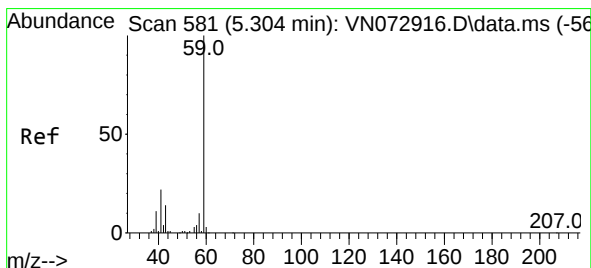
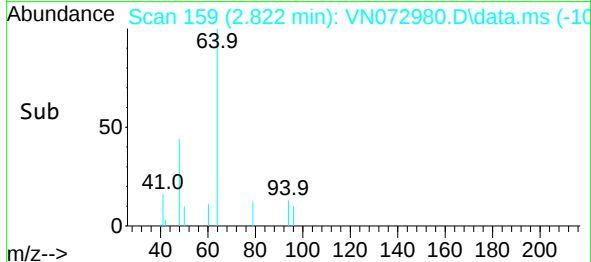
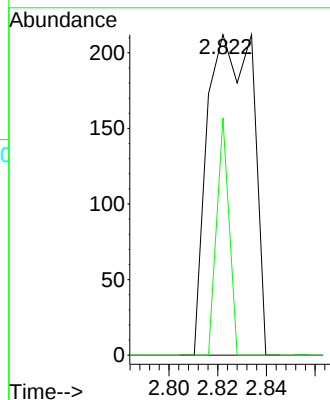
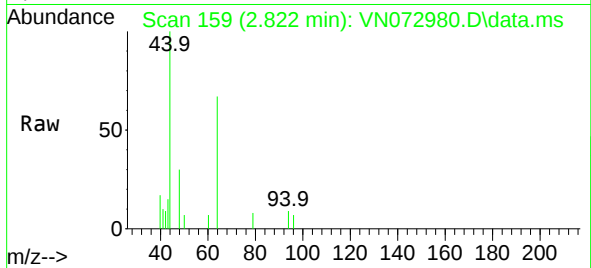




#5
Bromomethane
Concen: 0.246 ug/l
RT: 2.822 min Scan# 11
Delta R.T. 0.035 min
Lab File: VN072980.D
Acq: 21 Jun 2022 13:53

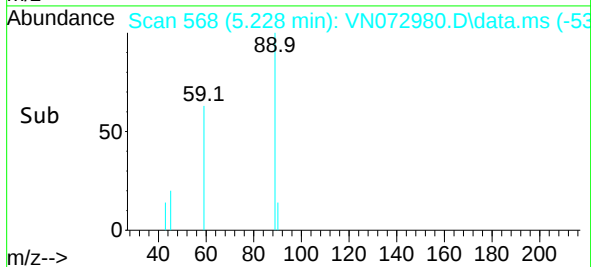
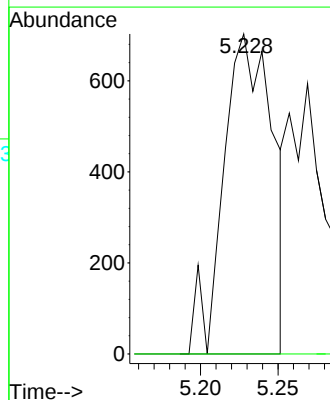
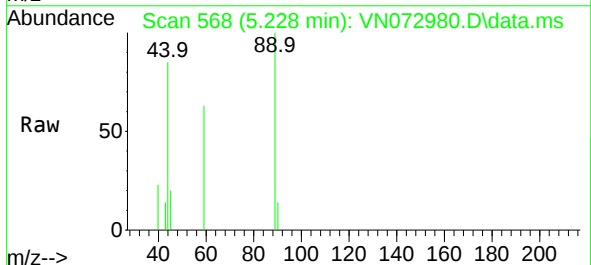
Instrument :
MSVOA_N
ClientSampleId :
TB-2022-06-16

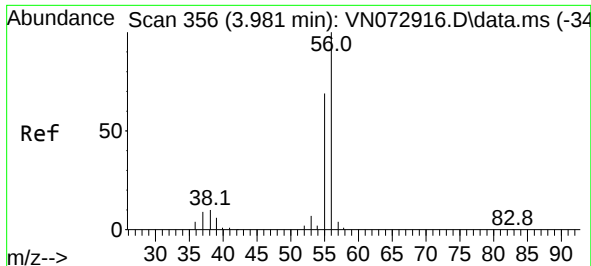
Tgt Ion: 94 Resp: 274
Ion Ratio Lower Upper
94 100
96 74.1 76.0 114.0#



#11
Tert butyl alcohol
Concen: 1.341 ug/l
RT: 5.228 min Scan# 568
Delta R.T. -0.076 min
Lab File: VN072980.D
Acq: 21 Jun 2022 13:53

Tgt Ion: 59 Resp: 1554
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

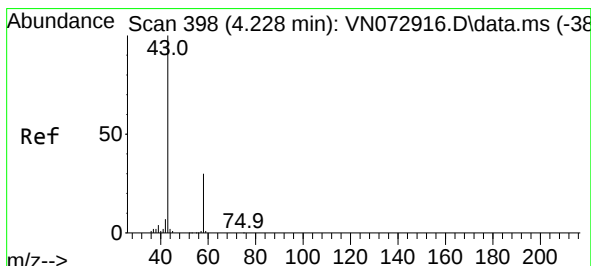
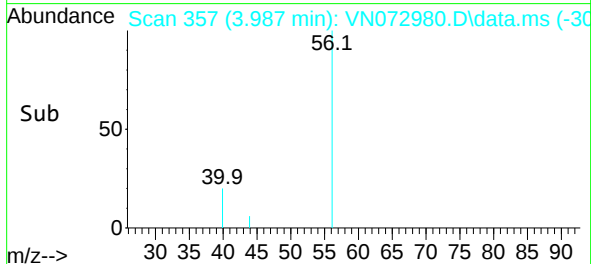
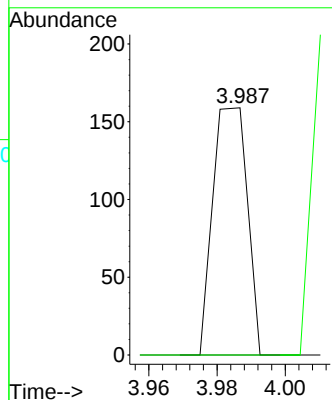
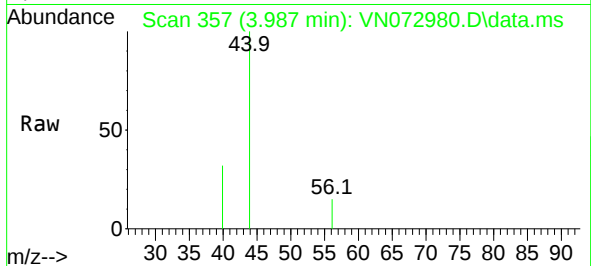




#13
Acrolein
Concen: 0.245 ug/l
RT: 3.987 min Scan# 311
Delta R.T. 0.006 min
Lab File: VN072980.D
Acq: 21 Jun 2022 13:53

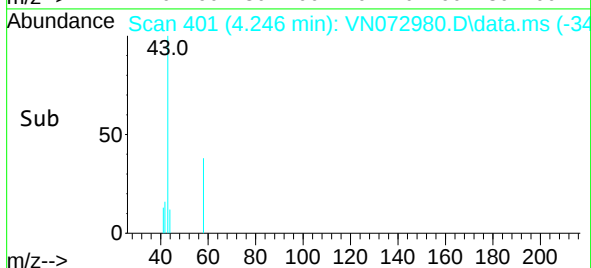
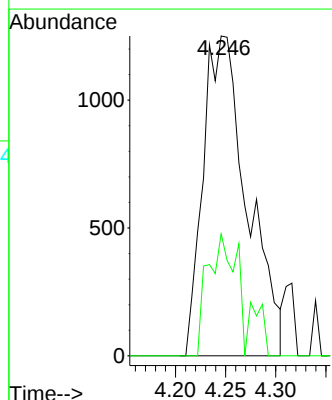
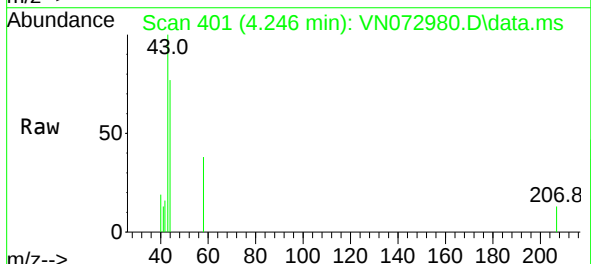
Instrument :
MSVOA_N
ClientSampleId :
TB-2022-06-16

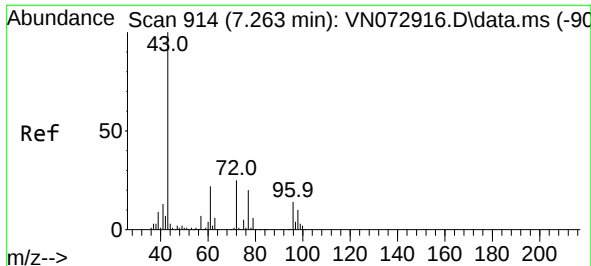
Tgt Ion: 56 Resp: 112
Ion Ratio Lower Upper
56 100
55 0.0 54.8 82.2#



#16
Acetone
Concen: 1.552 ug/l
RT: 4.246 min Scan# 401
Delta R.T. 0.018 min
Lab File: VN072980.D
Acq: 21 Jun 2022 13:53

Tgt Ion: 43 Resp: 3828
Ion Ratio Lower Upper
43 100
58 38.1 26.0 39.0

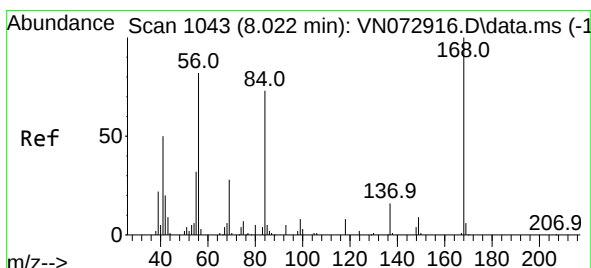
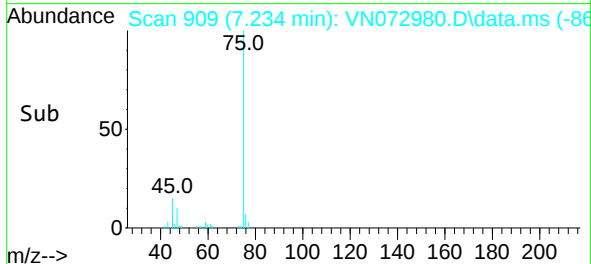
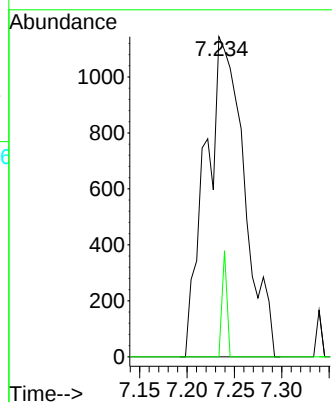
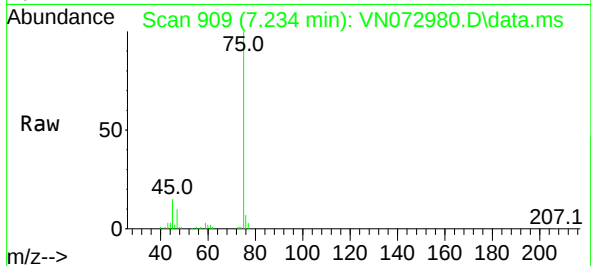




#25
2-Butanone
Concen: 0.831 ug/l
RT: 7.234 min Scan# 909
Delta R.T. -0.029 min
Lab File: VN072980.D
Acq: 21 Jun 2022 13:53

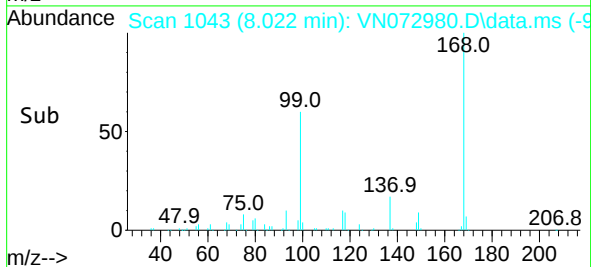
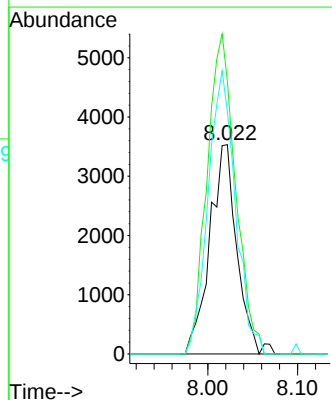
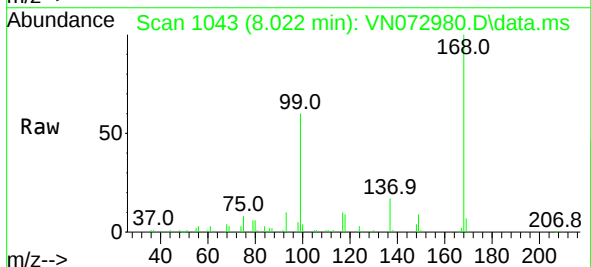
Instrument :
MSVOA_N
ClientSampleId :
TB-2022-06-16

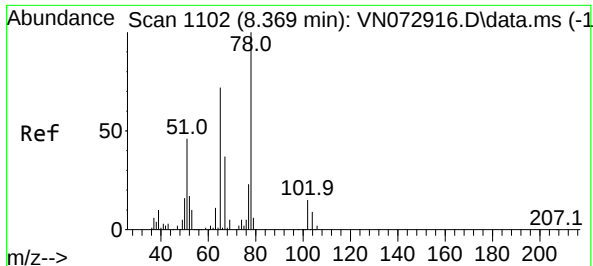
Tgt Ion: 43 Resp: 3254
Ion Ratio Lower Upper
43 100
72 23.9 23.7 35.5



#31
Cyclohexane
Concen: 1.224 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. 0.000 min
Lab File: VN072980.D
Acq: 21 Jun 2022 13:53

Tgt Ion: 56 Resp: 7431
Ion Ratio Lower Upper
56 100
69 130.4 27.8 41.8#
84 122.5 76.9 115.3#

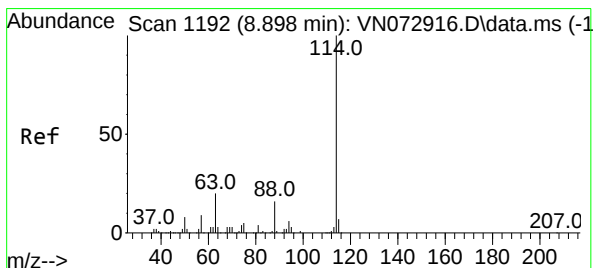
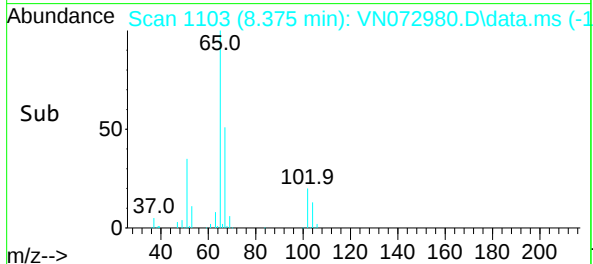
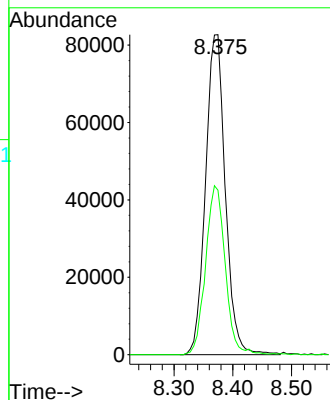
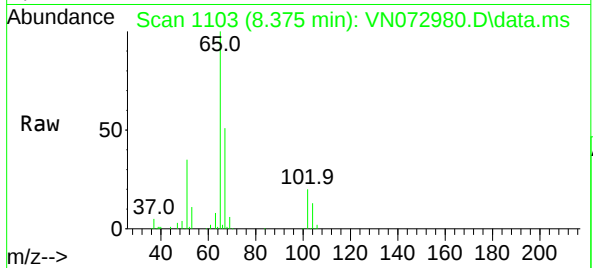




#33
 1,2-Dichloroethane-d4
 Concen: 43.067 ug/l
 RT: 8.375 min Scan# 1103
 Delta R.T. 0.006 min
 Lab File: VN072980.D
 Acq: 21 Jun 2022 13:53

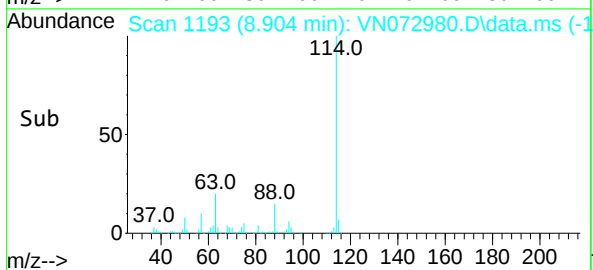
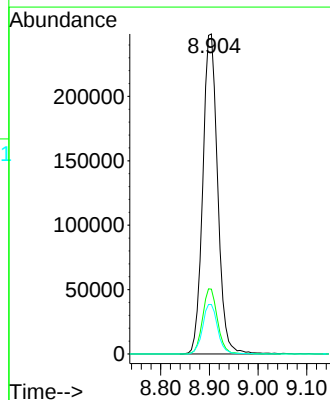
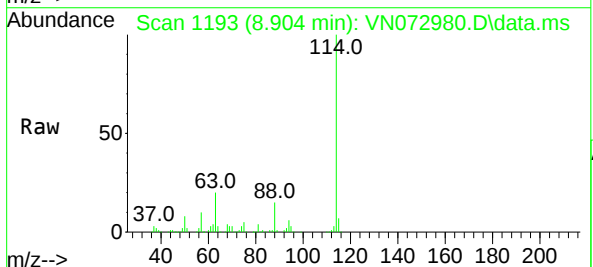
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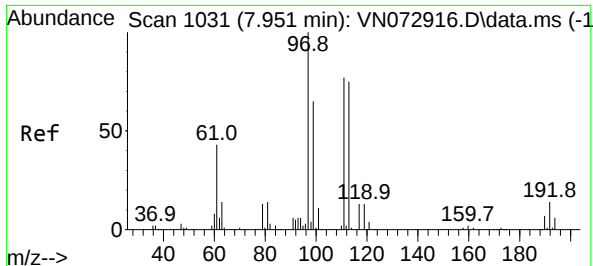
Tgt Ion: 65 Resp: 193271
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.904 min Scan# 1193
 Delta R.T. 0.006 min
 Lab File: VN072980.D
 Acq: 21 Jun 2022 13:53

Tgt Ion: 114 Resp: 526236
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 40.0
 88 15.5 0.0 32.6

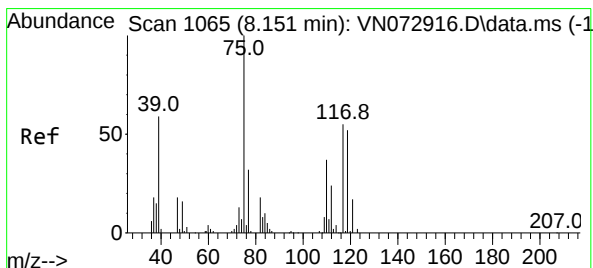
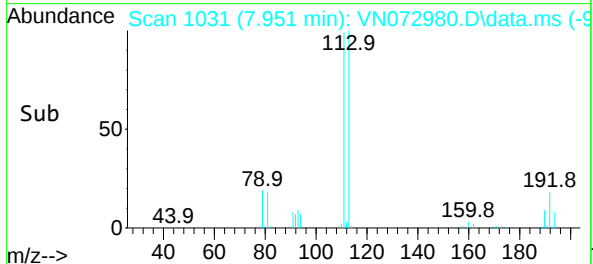
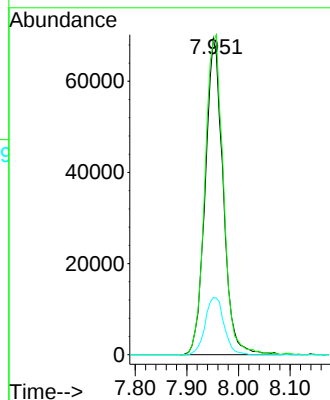
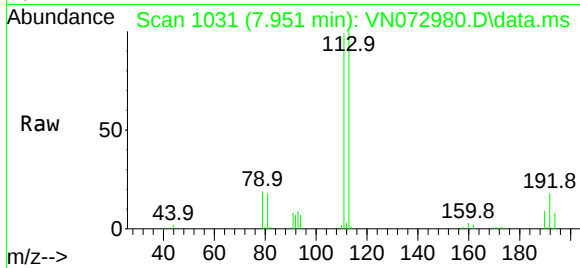




#35
Dibromofluoromethane
Concen: 51.297 ug/l
RT: 7.951 min Scan# 1041
Delta R.T. 0.000 min
Lab File: VN072980.D
Acq: 21 Jun 2022 13:53

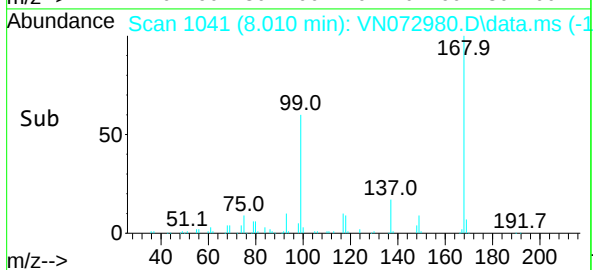
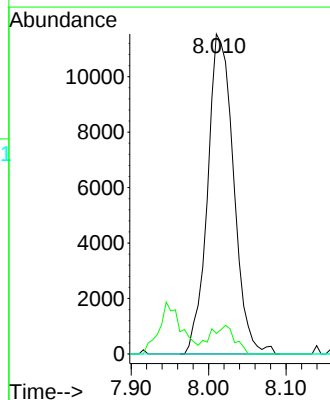
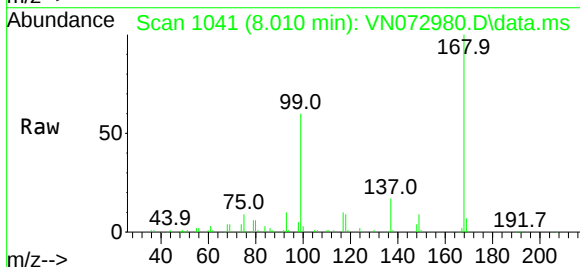
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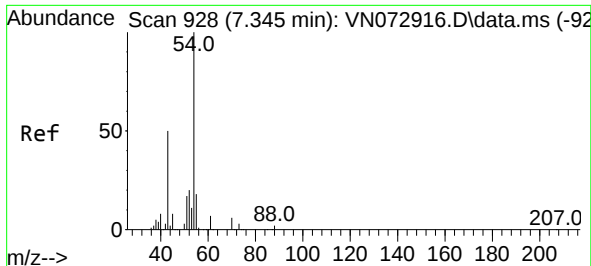
Tgt Ion:113 Resp: 166850
Ion Ratio Lower Upper
113 100
111 104.5 81.4 122.0
192 19.0 17.0 25.6



#36
1,1-Dichloropropene
Concen: 6.115 ug/l
RT: 8.010 min Scan# 1041
Delta R.T. -0.141 min
Lab File: VN072980.D
Acq: 21 Jun 2022 13:53

Tgt Ion: 75 Resp: 26912
Ion Ratio Lower Upper
75 100
110 8.5 18.3 54.8#
77 0.0 25.1 37.7#

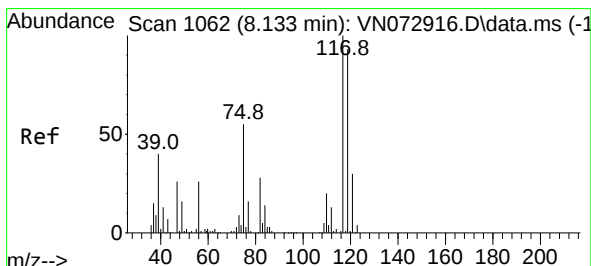
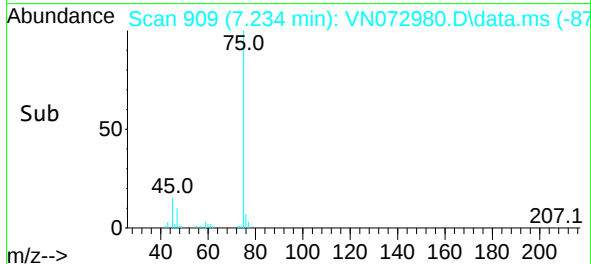
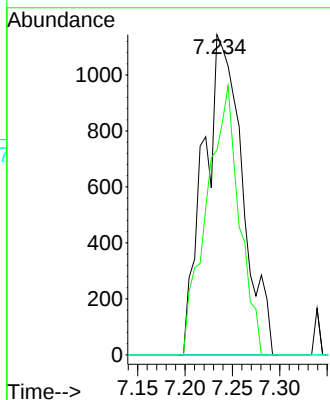
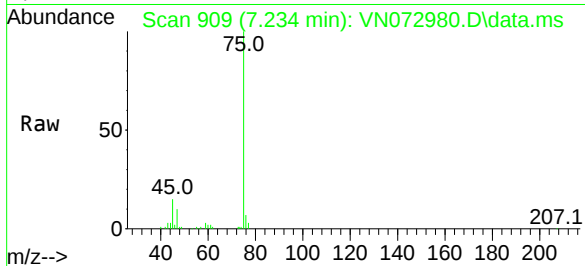




#37
Ethyl Acetate
Concen: 0.462 ug/l
RT: 7.234 min Scan# 909
Delta R.T. -0.112 min
Lab File: VN072980.D
Acq: 21 Jun 2022 13:53

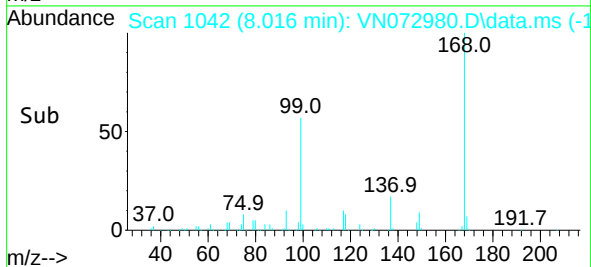
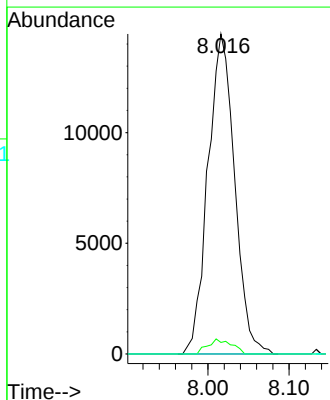
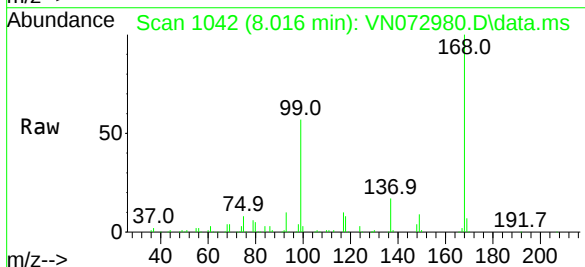
Instrument :
MSVOA_N
ClientSampleId :
TB-2022-06-16

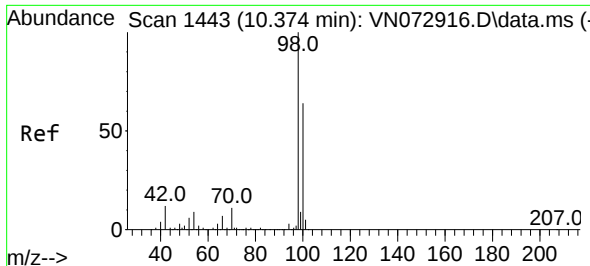
Tgt Ion: 43 Resp: 3254
Ion Ratio Lower Upper
43 100
61 70.8 11.8 17.6#
70 0.0 9.3 13.9#



#38
Carbon Tetrachloride
Concen: 7.145 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.118 min
Lab File: VN072980.D
Acq: 21 Jun 2022 13:53

Tgt Ion: 117 Resp: 33078
Ion Ratio Lower Upper
117 100
119 3.6 75.8 113.8#
121 0.0 24.6 37.0#

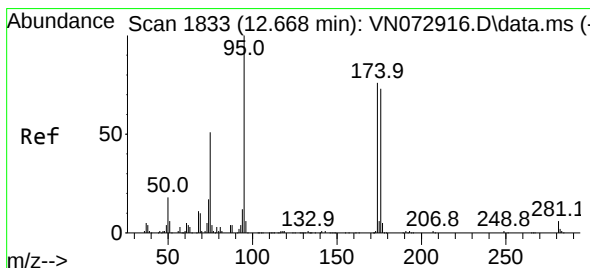
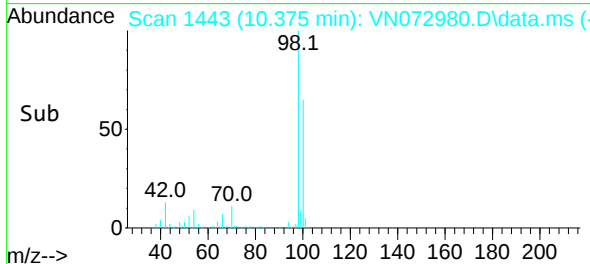
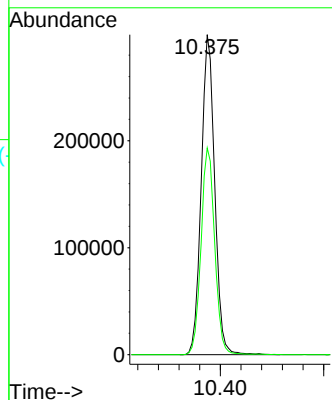
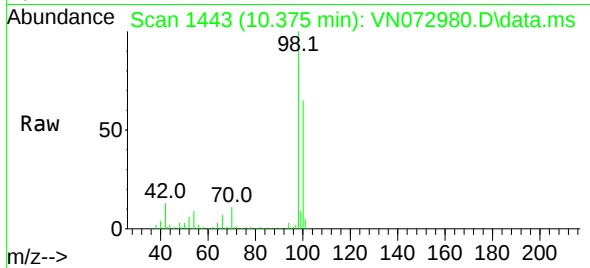




#50
Toluene-d8
Concen: 44.650 ug/l
RT: 10.375 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN072980.D
Acq: 21 Jun 2022 13:53

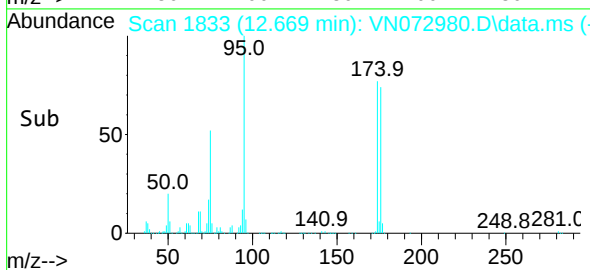
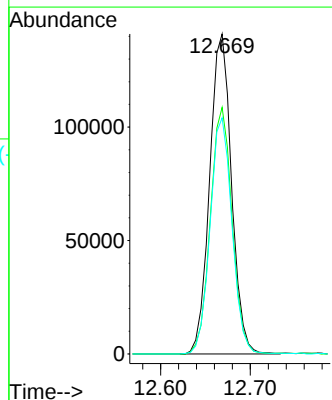
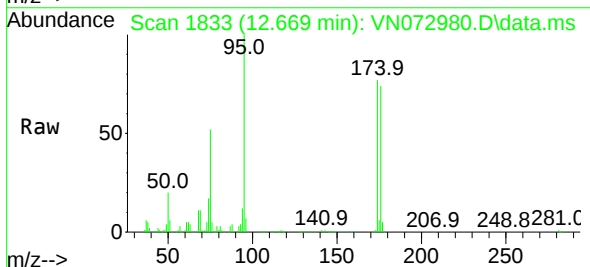
Instrument :
MSVOA_N
ClientSampleId :
TB-2022-06-16

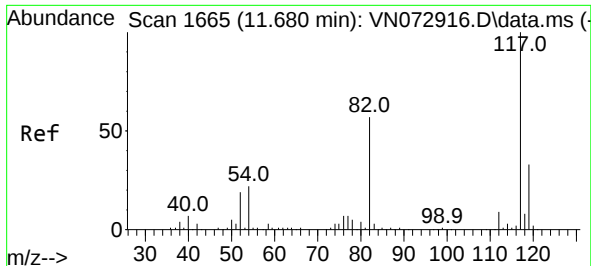
Tgt Ion: 98 Resp: 540407
Ion Ratio Lower Upper
98 100
100 65.6 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 54.763 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN072980.D
Acq: 21 Jun 2022 13:53

Tgt Ion: 95 Resp: 238335
Ion Ratio Lower Upper
95 100
174 76.8 0.0 167.6
176 73.9 0.0 163.4

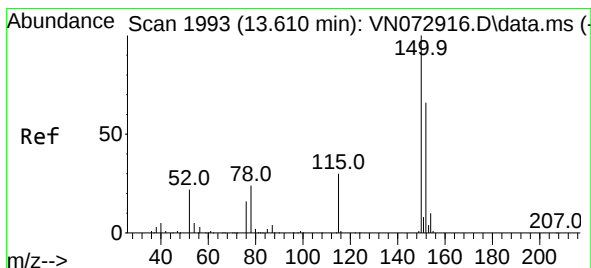
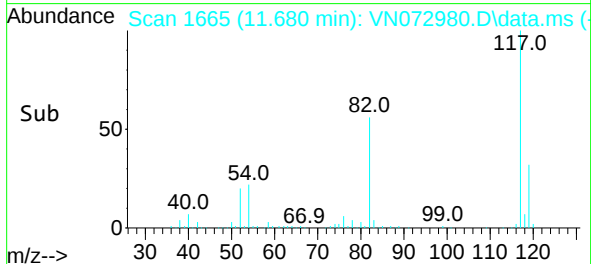
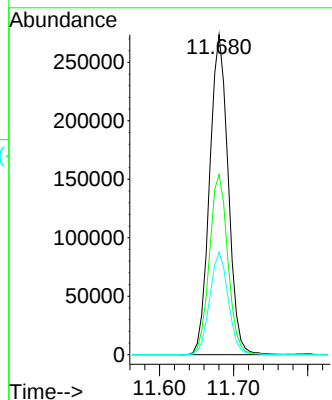
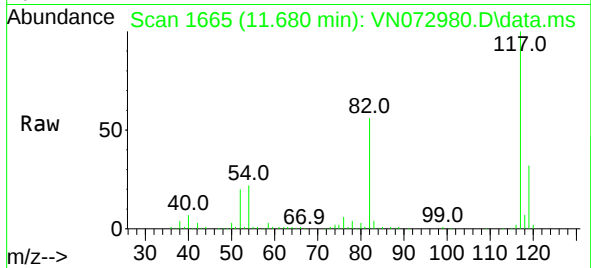




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN072980.D
Acq: 21 Jun 2022 13:53

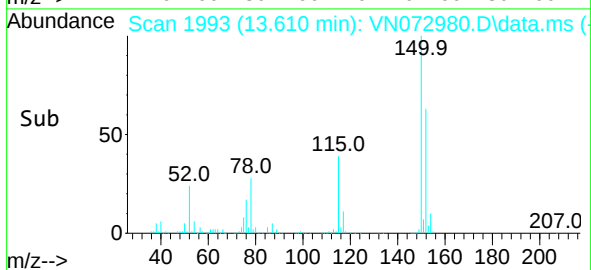
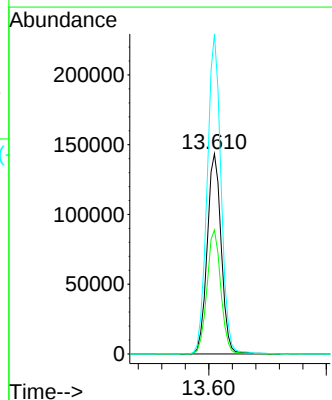
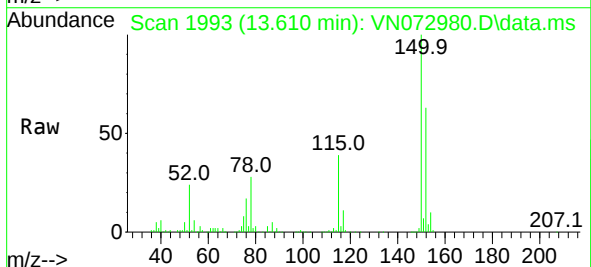
Instrument :
MSVOA_N
ClientSampleId :
TB-2022-06-16

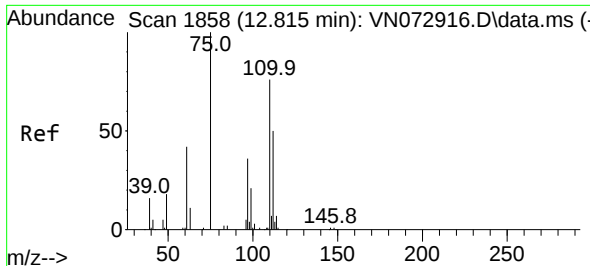
Tgt Ion:117 Resp: 475752
Ion Ratio Lower Upper
117 100
82 56.3 44.2 66.2
119 32.0 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. 0.000 min
Lab File: VN072980.D
Acq: 21 Jun 2022 13:53

Tgt Ion:152 Resp: 237723
Ion Ratio Lower Upper
152 100
115 61.1 28.9 86.7
150 157.7 0.0 356.2

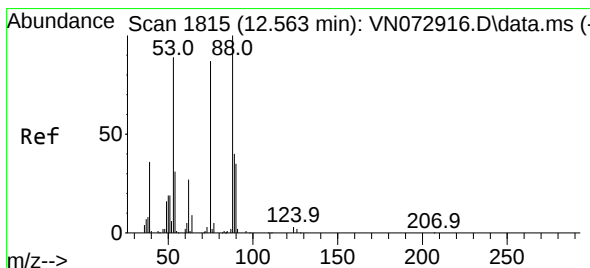
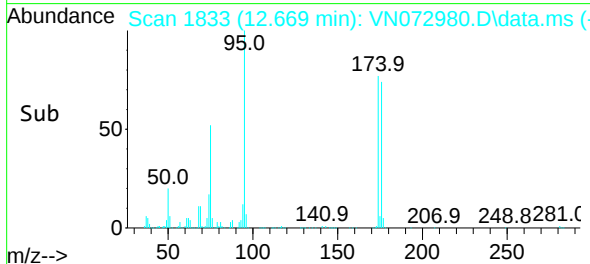
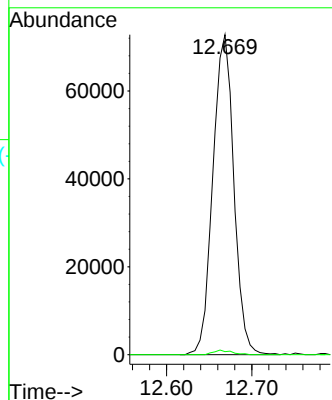
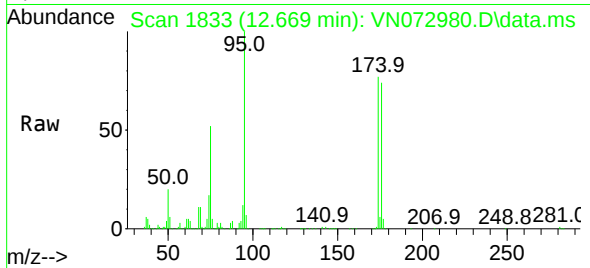




#76
1,2,3-Trichloropropane
Concen: 21.612 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.147 min
Lab File: VN072980.D
Acq: 21 Jun 2022 13:53

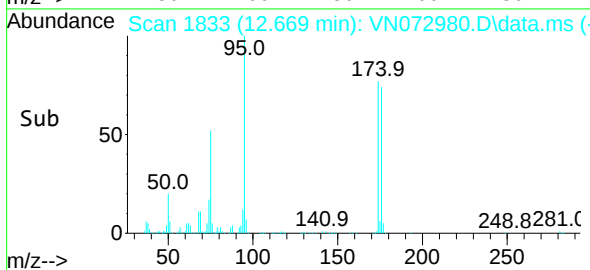
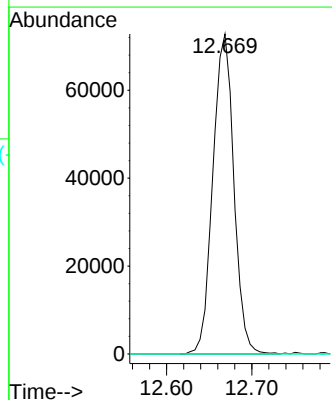
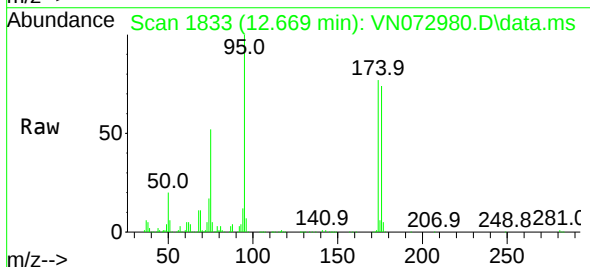
Instrument :
MSVOA_N
ClientSampleId :
TB-2022-06-16

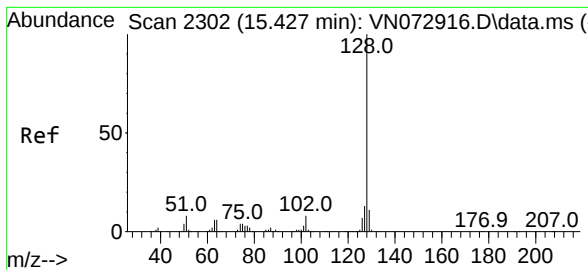
Tgt Ion: 75 Resp: 124561
Ion Ratio Lower Upper
75 100
77 1.2 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 58.365 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.106 min
Lab File: VN072980.D
Acq: 21 Jun 2022 13:53

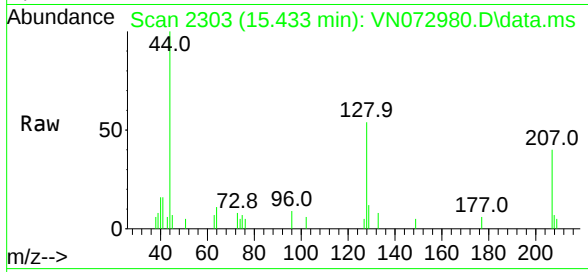
Tgt Ion: 75 Resp: 124561
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#





#95
Naphthalene
Concen: 0.206 ug/l
RT: 15.433 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN072980.D
Acq: 21 Jun 2022 13:53

Instrument :
MSVOA_N
ClientSampleId :
TB-2022-06-16



Tgt Ion:	128	Resp:	3790
Ion	Ratio	Lower	Upper
128	100		
127	7.0	10.3	15.5#
129	3.5	8.6	13.0#

