

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070622\
 Data File : VN073333.D
 Acq On : 06 Jul 2022 09:46
 Operator : JC\MD
 Sample : VN0706WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0706WBL01

Quant Time: Jul 07 04:20:31 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)

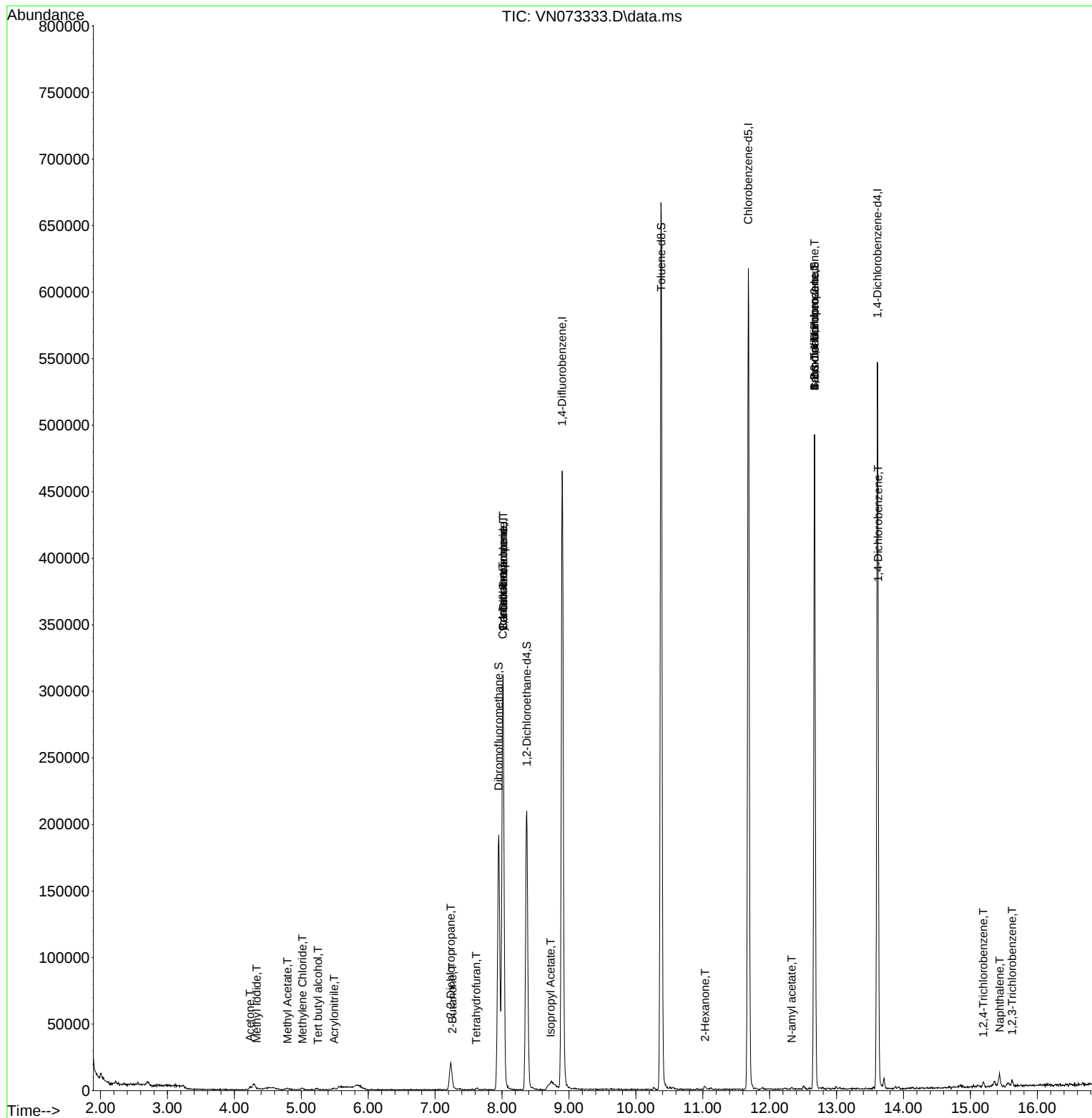
Internal Standards						
1) Pentafluorobenzene	8.016	168	237697	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	416449	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	354997	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	143404	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	178059	51.891	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.780%			
35) Dibromofluoromethane	7.951	113	140759	50.803	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.600%			
50) Toluene-d8	10.381	98	461173	46.864	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 93.720%			
62) 4-Bromofluorobenzene	12.669	95	169350	44.782	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 89.560%			
Target Compounds						Qvalue
10) Methyl Iodide	4.334	142	110	3.762	ug/l #	44
11) Tert butyl alcohol	5.251	59	294	0.354	ug/l #	72
15) Acrylonitrile	5.493	53	534	0.250	ug/l #	73
16) Acetone	4.234	43	3435	1.783	ug/l	91
18) Methyl Acetate	4.793	43	2944	0.545	ug/l #	67
20) Methylene Chloride	5.016	84	1187	0.351	ug/l #	45
25) 2-Butanone	7.257	43	952	0.310	ug/l #	45
26) 2,2-Dichloropropane	7.234	77	1491	0.283	ug/l #	53
29) Tetrahydrofuran	7.616	42	1023	0.487	ug/l #	55
31) Cyclohexane	8.010	56	5859	1.043	ug/l #	44
36) 1,1-Dichloropropene	8.016	75	19368	4.543	ug/l #	48
38) Carbon Tetrachloride	8.016	117	24087	5.463	ug/l #	17
43) Isopropyl Acetate	8.728	43	5868	0.634	ug/l #	53
59) 2-Hexanone	11.033	43	2803	0.626	ug/l	75
71) Bromoform	12.669	173	1096	0.507	ug/l #	1
74) N-amyl acetate	12.327	43	1306	0.211	ug/l #	53
76) 1,2,3-Trichloropropane	12.669	75	88397	23.574	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.669	75	88397	64.651	ug/l #	10
88) 1,4-Dichlorobenzene	13.621	146	1308	0.253	ug/l #	1
93) 1,2,4-Trichlorobenzene	15.192	180	1167	0.426	ug/l #	86
95) Naphthalene	15.439	128	9111	0.824	ug/l	96
96) 1,2,3-Trichlorobenzene	15.621	180	1651	0.584	ug/l	93

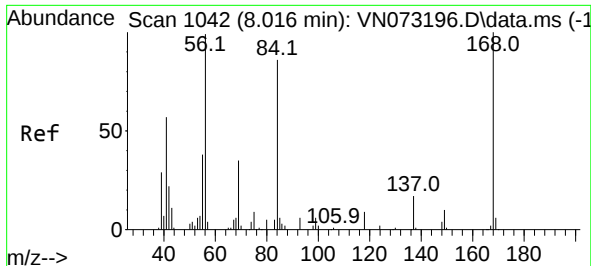
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070622\
Data File : VN073333.D
Acq On : 06 Jul 2022 09:46
Operator : JC\MD
Sample : VN0706WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0706WBL01

Quant Time: Jul 07 04:20:31 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

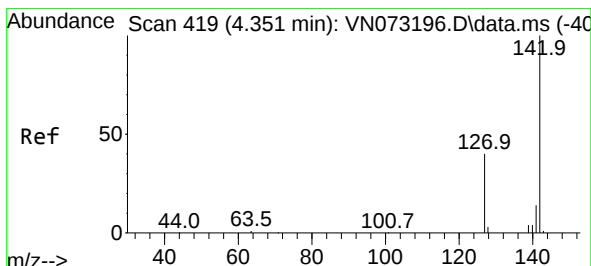
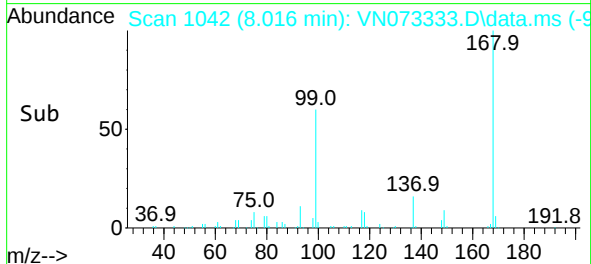
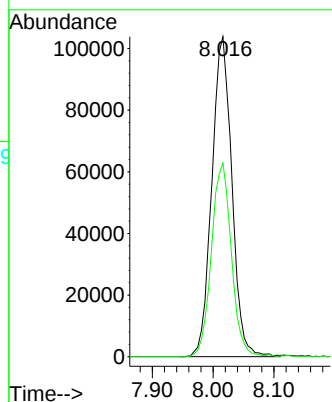
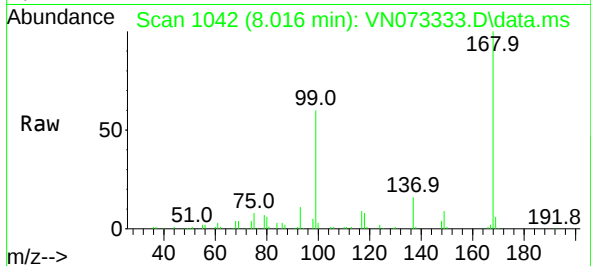




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073333.D
Acq: 06 Jul 2022 09:46

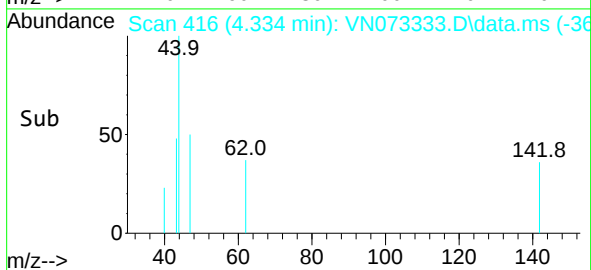
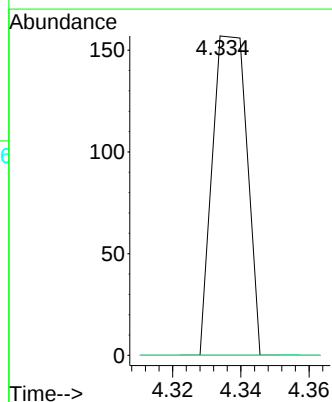
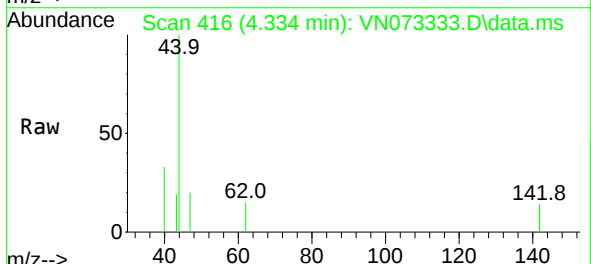
Instrument :
MSVOA_N
ClientSampleId :
VN0706WBL01

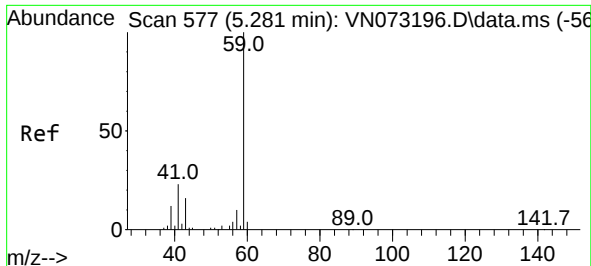
Tgt Ion:168 Resp: 237697
Ion Ratio Lower Upper
168 100
99 60.5 42.3 63.5



#10
Methyl Iodide
Concen: 3.762 ug/l
RT: 4.334 min Scan# 416
Delta R.T. -0.017 min
Lab File: VN073333.D
Acq: 06 Jul 2022 09:46

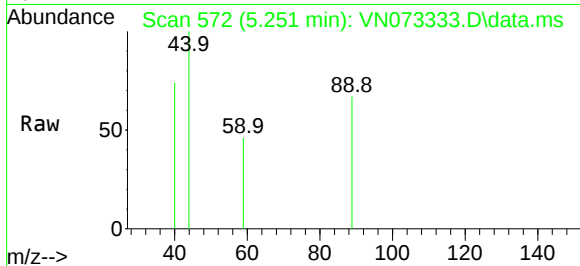
Tgt Ion:142 Resp: 110
Ion Ratio Lower Upper
142 100
127 0.0 31.3 46.9#
141 0.0 11.2 16.8#



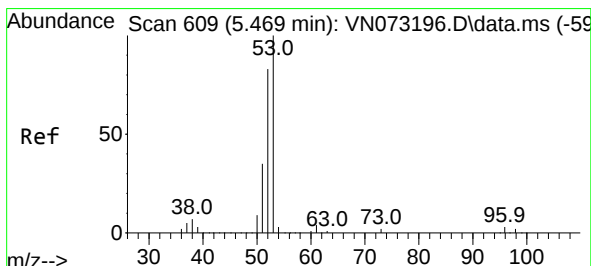
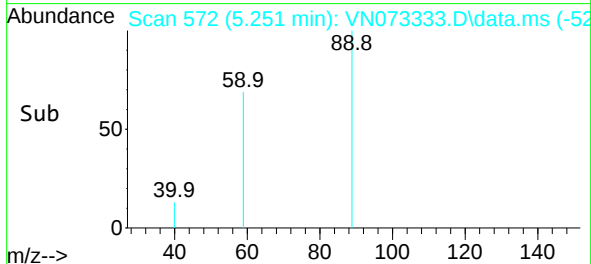
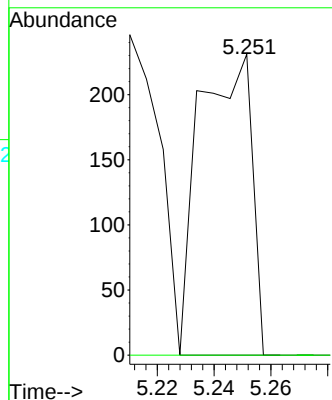


#11
Tert butyl alcohol
Concen: 0.354 ug/l
RT: 5.251 min Scan# 51
Delta R.T. -0.030 min
Lab File: VN073333.D
Acq: 06 Jul 2022 09:46

Instrument :
MSVOA_N
ClientSampleId :
VN0706WBL01

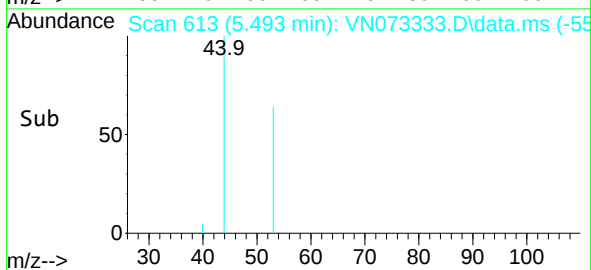
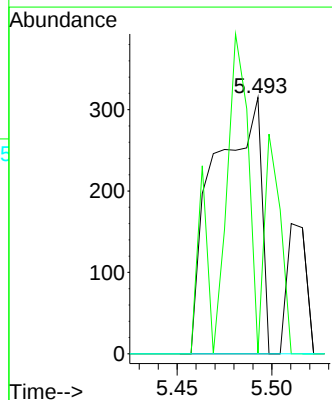
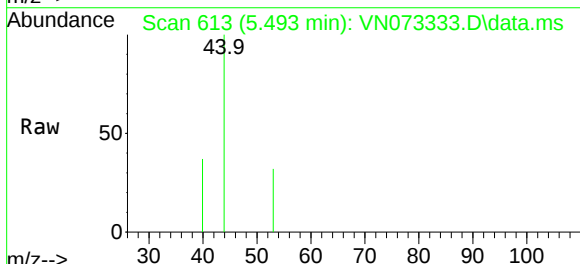


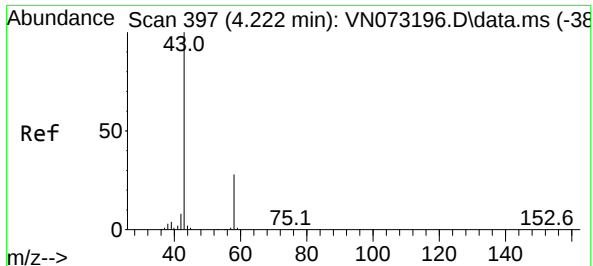
Tgt Ion: 59 Resp: 294
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#15
Acrylonitrile
Concen: 0.250 ug/l
RT: 5.493 min Scan# 613
Delta R.T. 0.024 min
Lab File: VN073333.D
Acq: 06 Jul 2022 09:46

Tgt Ion: 53 Resp: 534
Ion Ratio Lower Upper
53 100
52 71.2 66.4 99.6
51 0.0 28.5 42.7#

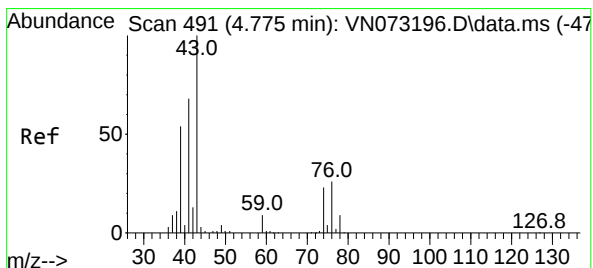
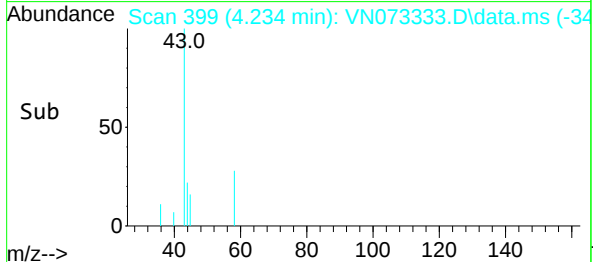
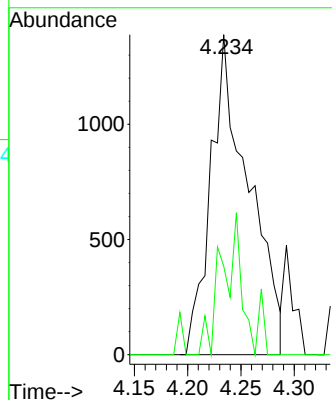
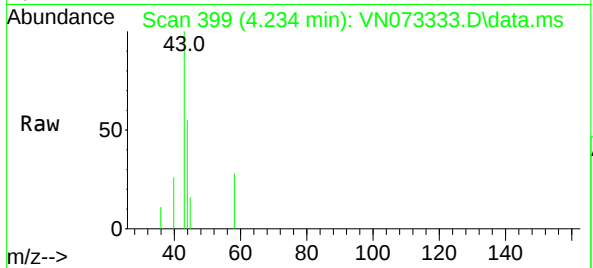




#16
Acetone
Concen: 1.783 ug/l
RT: 4.234 min Scan# 397
Delta R.T. 0.012 min
Lab File: VN073333.D
Acq: 06 Jul 2022 09:46

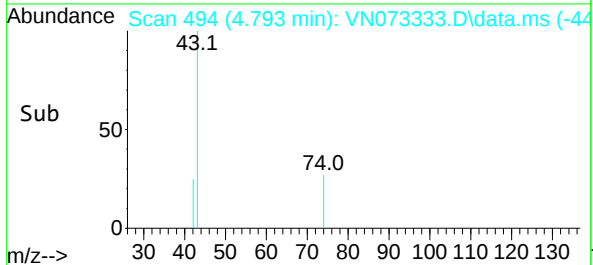
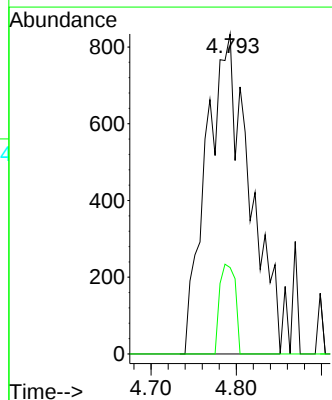
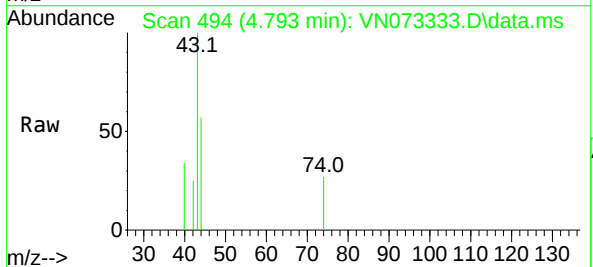
Instrument :
MSVOA_N
ClientSampleId :
VN0706WBL01

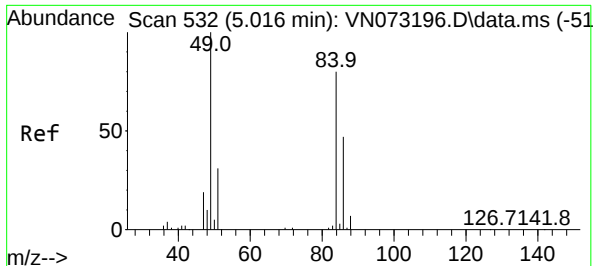
Tgt Ion: 43 Resp: 3435
Ion Ratio Lower Upper
43 100
58 27.6 26.0 39.0



#18
Methyl Acetate
Concen: 0.545 ug/l
RT: 4.793 min Scan# 494
Delta R.T. 0.018 min
Lab File: VN073333.D
Acq: 06 Jul 2022 09:46

Tgt Ion: 43 Resp: 2944
Ion Ratio Lower Upper
43 100
74 10.1 21.6 32.4#

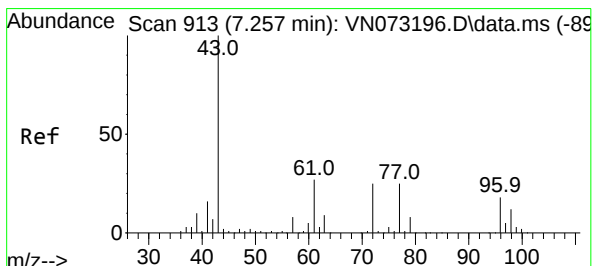
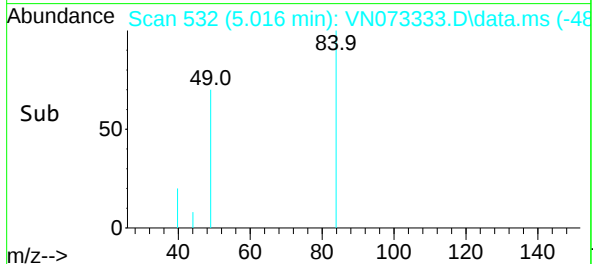
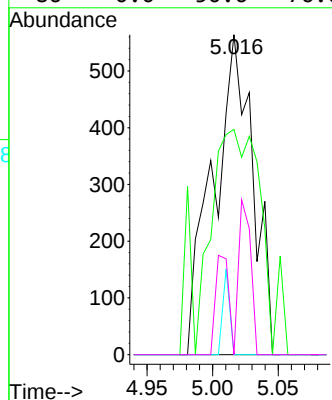
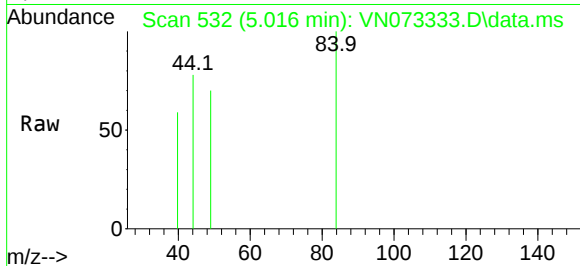




#20
Methylene Chloride
Concen: 0.351 ug/l
RT: 5.016 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN073333.D
Acq: 06 Jul 2022 09:46

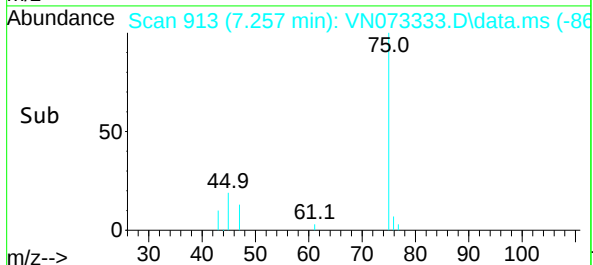
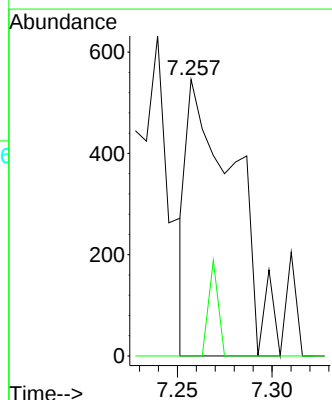
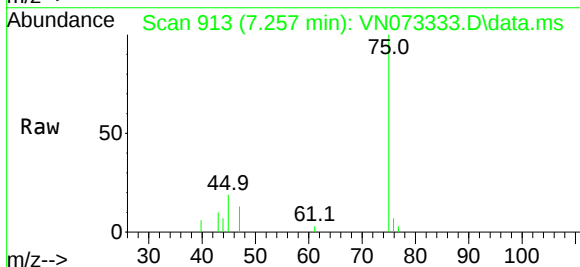
Instrument :
MSVOA_N
ClientSampleId :
VN0706WBL01

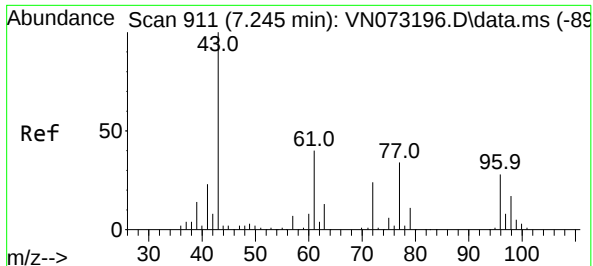
Tgt Ion: 84 Resp: 1187
Ion Ratio Lower Upper
84 100
49 70.4 88.3 132.5#
51 0.0 28.2 42.2#
86 0.0 50.6 76.0#



#25
2-Butanone
Concen: 0.310 ug/l
RT: 7.257 min Scan# 913
Delta R.T. 0.000 min
Lab File: VN073333.D
Acq: 06 Jul 2022 09:46

Tgt Ion: 43 Resp: 952
Ion Ratio Lower Upper
43 100
72 0.0 23.7 35.5#





#26

2,2-Dichloropropane

Concen: 0.283 ug/l

RT: 7.234 min Scan# 909

Delta R.T. -0.011 min

Lab File: VN073333.D

Acq: 06 Jul 2022 09:46

Instrument :

MSVOA_N

ClientSampleId :

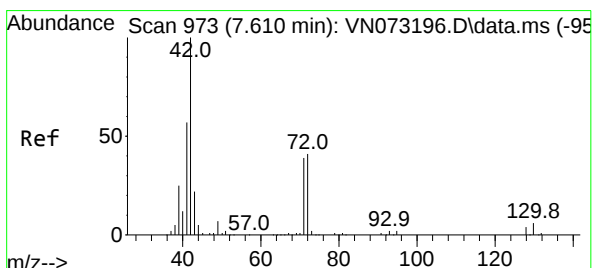
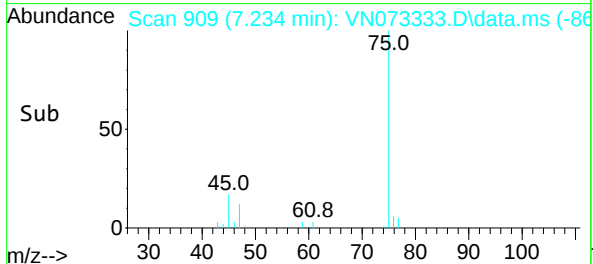
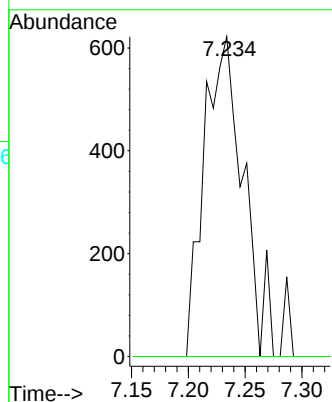
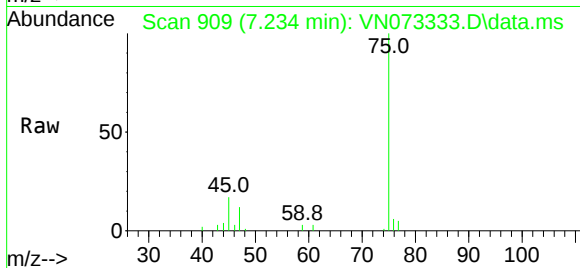
VN0706WBL01

Tgt Ion: 77 Resp: 1491

Ion Ratio Lower Upper

77 100

97 0.0 11.4 34.2#



#29

Tetrahydrofuran

Concen: 0.487 ug/l

RT: 7.616 min Scan# 974

Delta R.T. 0.006 min

Lab File: VN073333.D

Acq: 06 Jul 2022 09:46

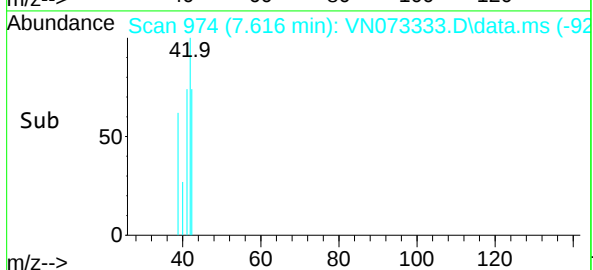
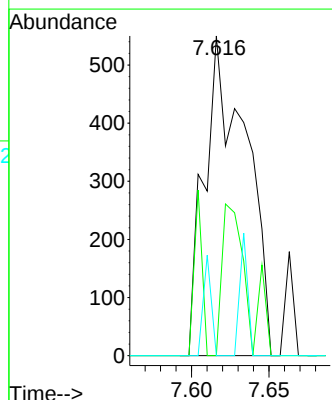
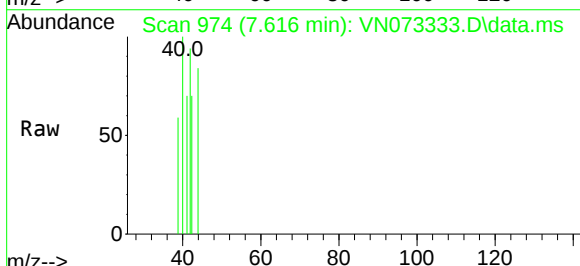
Tgt Ion: 42 Resp: 1023

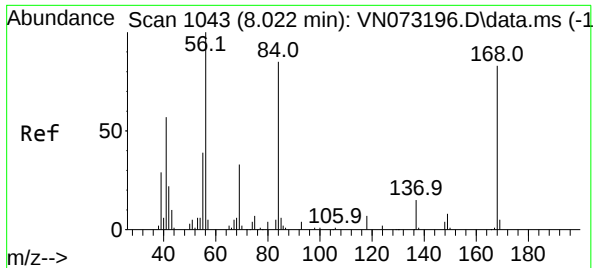
Ion Ratio Lower Upper

42 100

72 28.4 39.7 59.5#

71 6.0 36.6 55.0#

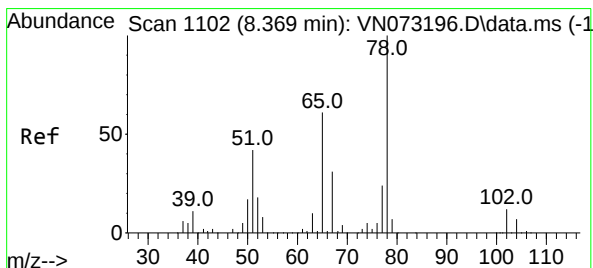
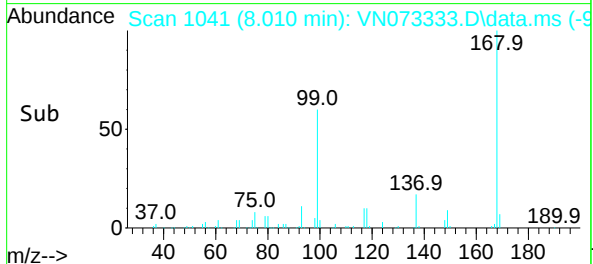
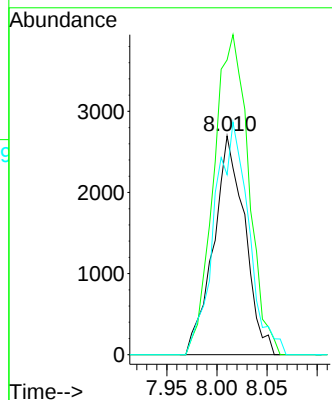
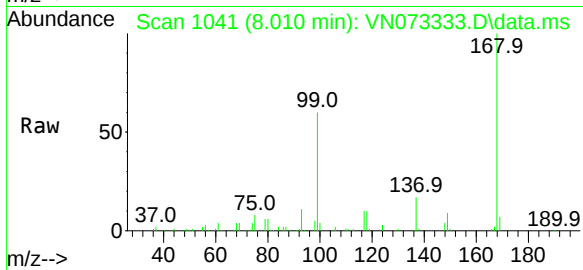




#31
Cyclohexane
Concen: 1.043 ug/l
RT: 8.010 min Scan# 1041
Delta R.T. -0.012 min
Lab File: VN073333.D
Acq: 06 Jul 2022 09:46

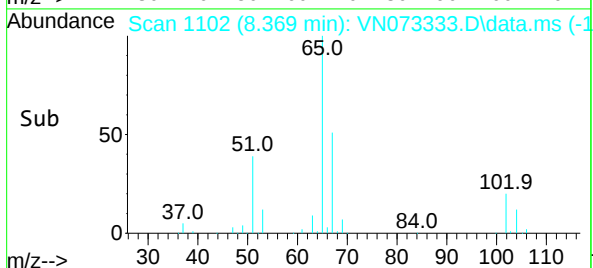
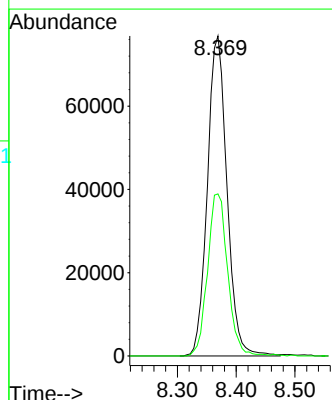
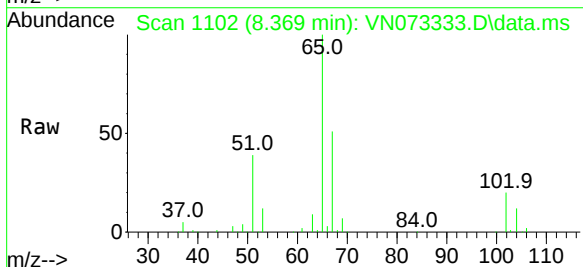
Instrument :
MSVOA_N
ClientSampleId :
VN0706WBL01

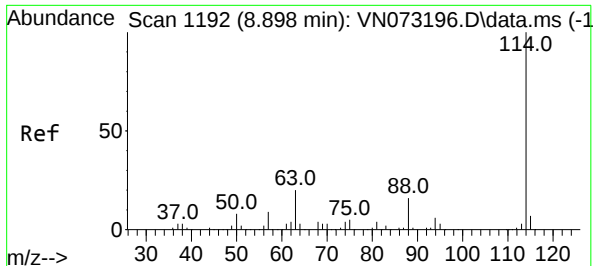
Tgt Ion: 56 Resp: 5859
Ion Ratio Lower Upper
56 100
69 134.7 27.8 41.8#
84 82.3 76.9 115.3



#33
1,2-Dichloroethane-d4
Concen: 51.891 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN073333.D
Acq: 06 Jul 2022 09:46

Tgt Ion: 65 Resp: 178059
Ion Ratio Lower Upper
65 100
67 51.9 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.898 min Scan# 1192

Delta R.T. 0.000 min

Lab File: VN073333.D

Acq: 06 Jul 2022 09:46

Instrument :

MSVOA_N

ClientSampleId :

VN0706WBL01

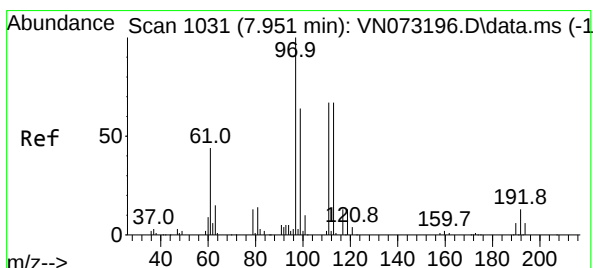
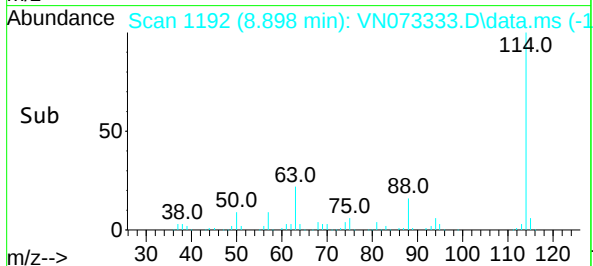
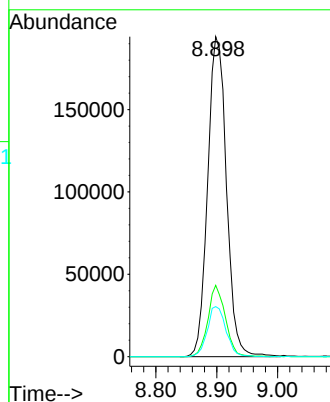
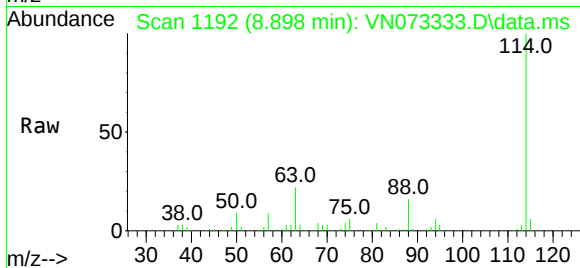
Tgt Ion:114 Resp: 416449

Ion Ratio Lower Upper

114 100

63 22.3 0.0 40.0

88 15.6 0.0 32.6



#35

Dibromofluoromethane

Concen: 50.803 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073333.D

Acq: 06 Jul 2022 09:46

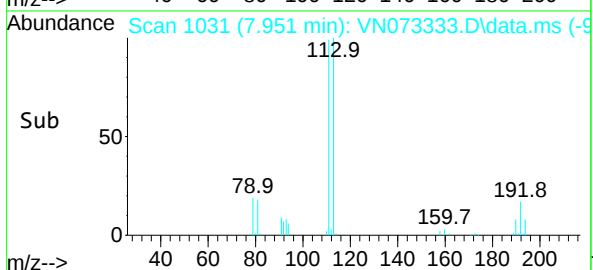
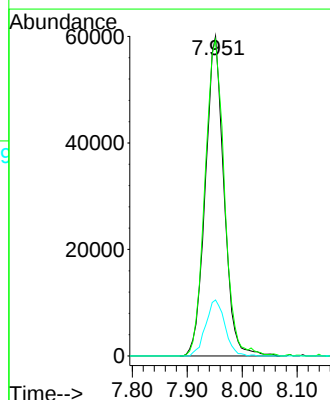
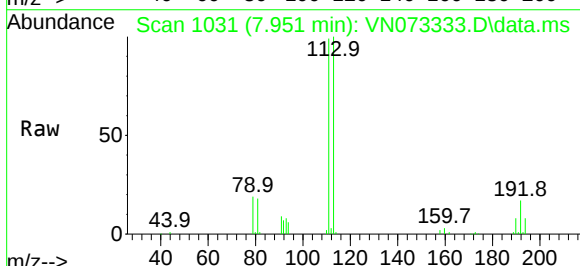
Tgt Ion:113 Resp: 140759

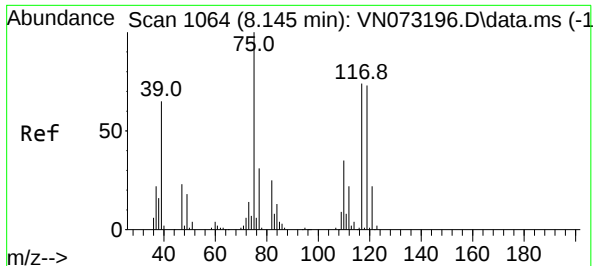
Ion Ratio Lower Upper

113 100

111 103.9 81.4 122.0

192 18.2 17.0 25.6





#36

1,1-Dichloropropene

Concen: 4.543 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.129 min

Lab File: VN073333.D

Acq: 06 Jul 2022 09:46

Instrument :

MSVOA_N

ClientSampleId :

VN0706WBL01

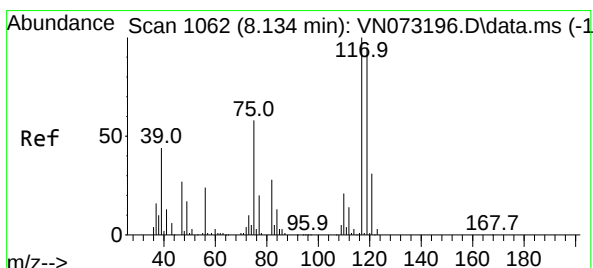
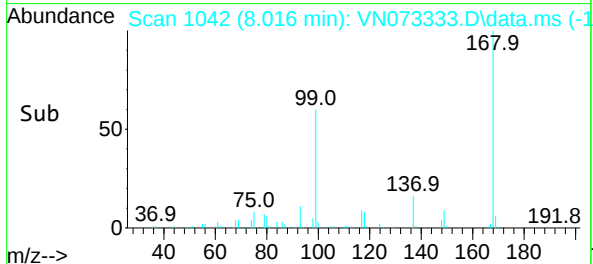
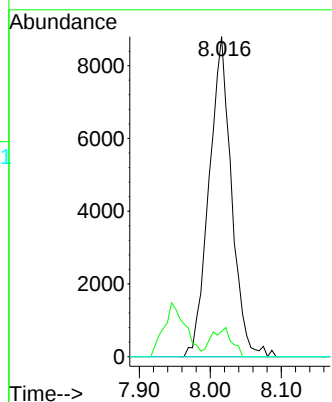
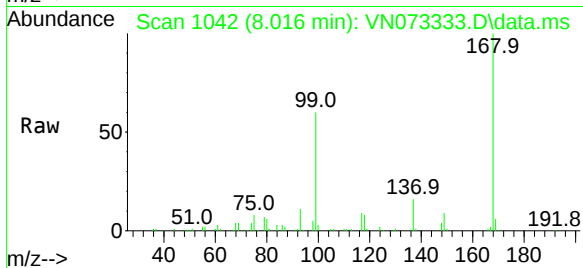
Tgt Ion: 75 Resp: 19368

Ion Ratio Lower Upper

75 100

110 8.2 18.3 54.8#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 5.463 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.118 min

Lab File: VN073333.D

Acq: 06 Jul 2022 09:46

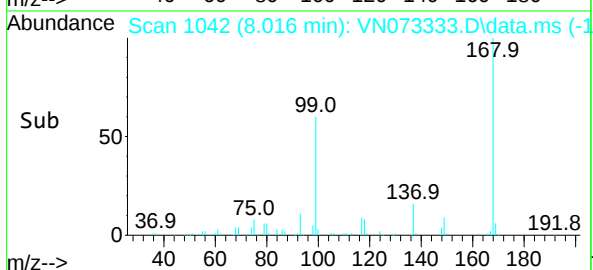
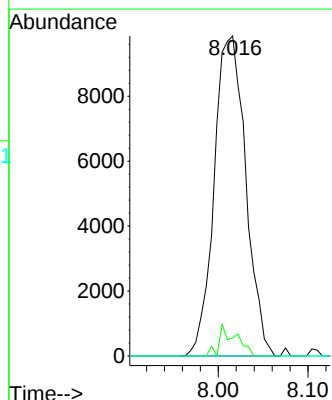
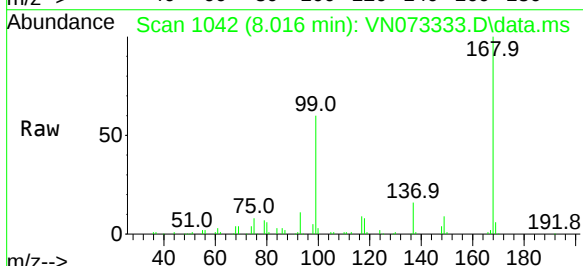
Tgt Ion: 117 Resp: 24087

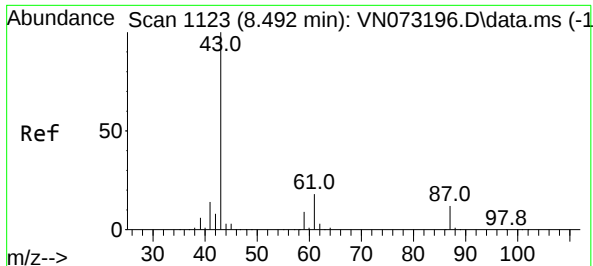
Ion Ratio Lower Upper

117 100

119 5.6 75.8 113.8#

121 0.0 24.6 37.0#

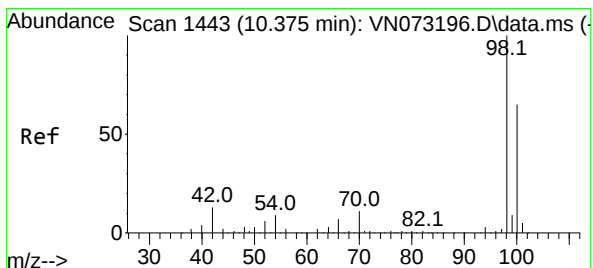
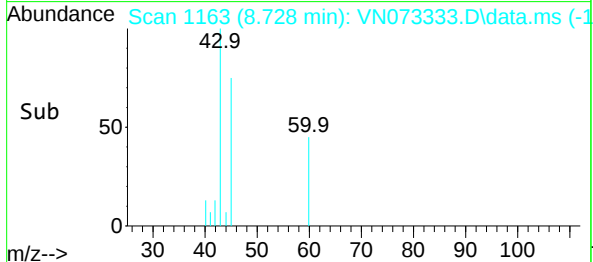
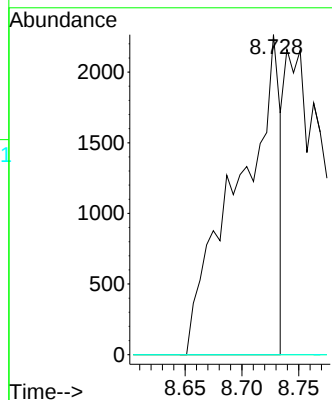
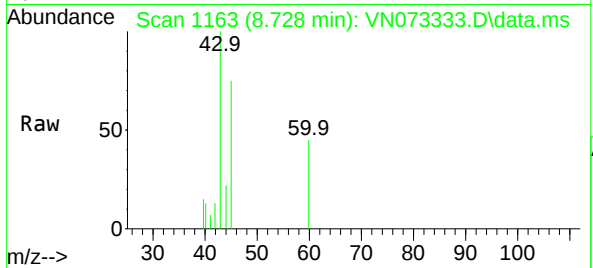




#43
Isopropyl Acetate
Concen: 0.634 ug/l
RT: 8.728 min Scan# 1123
Delta R.T. 0.236 min
Lab File: VN073333.D
Acq: 06 Jul 2022 09:46

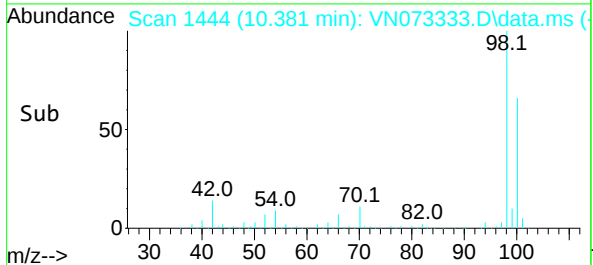
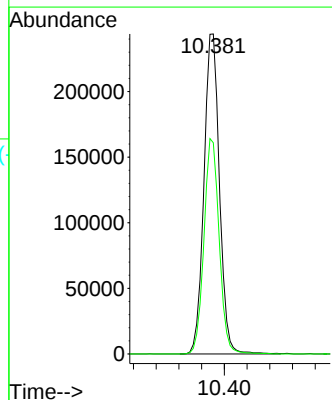
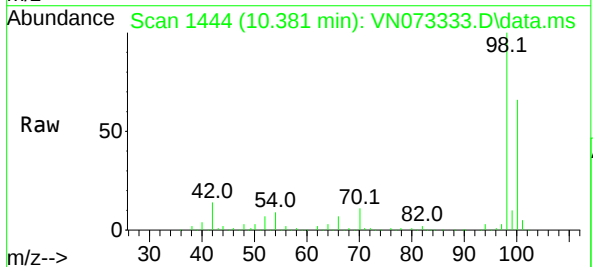
Instrument :
MSVOA_N
ClientSampleId :
VN0706WBL01

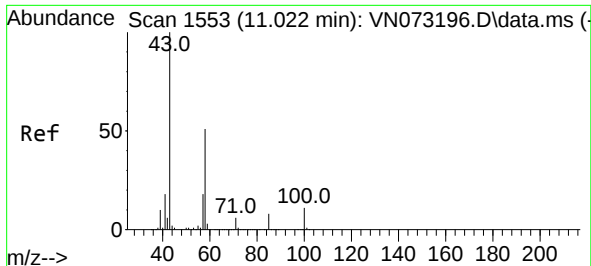
Tgt Ion: 43 Resp: 5868
Ion Ratio Lower Upper
43 100
61 0.0 21.9 32.9#
87 0.0 12.0 18.0#



#50
Toluene-d8
Concen: 46.864 ug/l
RT: 10.381 min Scan# 1444
Delta R.T. 0.006 min
Lab File: VN073333.D
Acq: 06 Jul 2022 09:46

Tgt Ion: 98 Resp: 461173
Ion Ratio Lower Upper
98 100
100 66.1 52.6 78.8

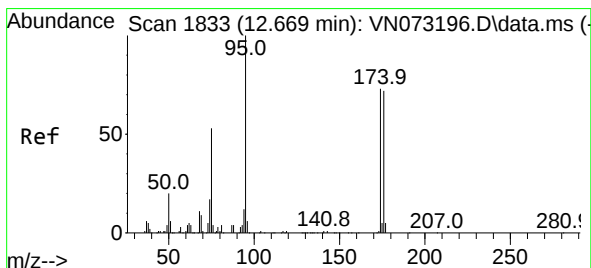
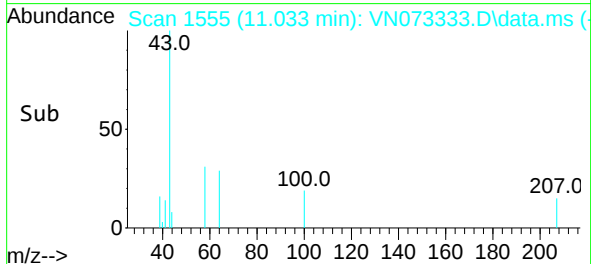
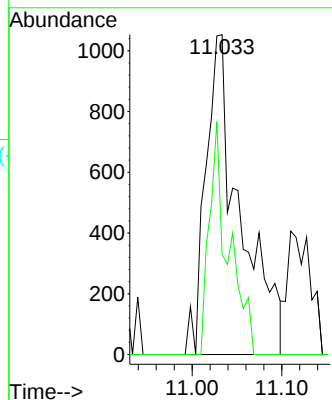
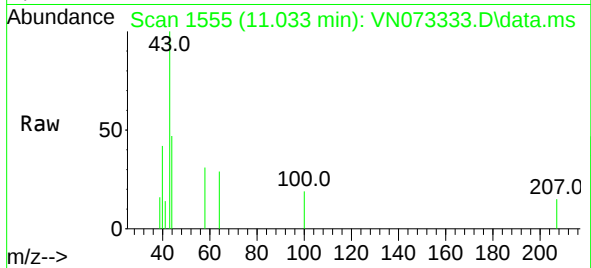




#59
2-Hexanone
Concen: 0.626 ug/l
RT: 11.033 min Scan# 1555
Delta R.T. 0.011 min
Lab File: VN073333.D
Acq: 06 Jul 2022 09:46

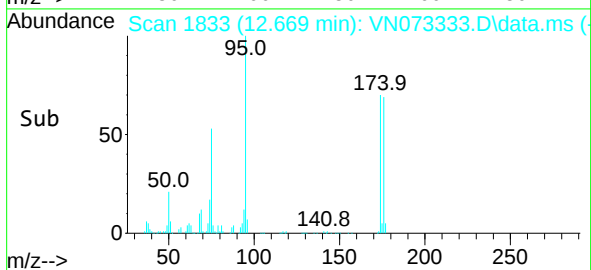
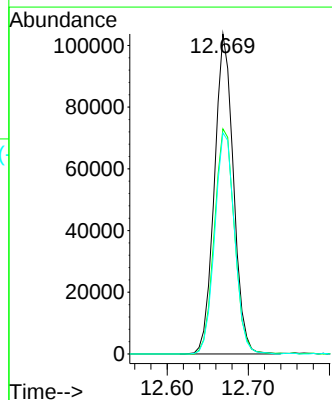
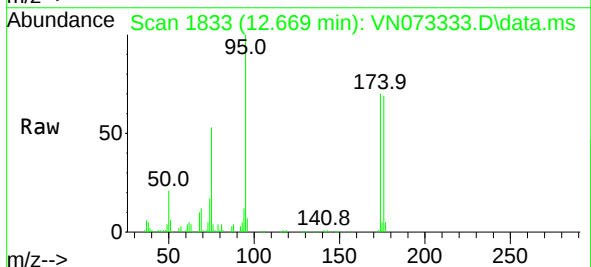
Instrument :
MSVOA_N
ClientSampleId :
VN0706WBL01

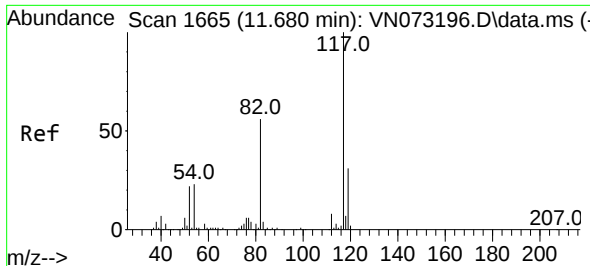
Tgt Ion: 43 Resp: 2803
Ion Ratio Lower Upper
43 100
58 40.5 29.7 89.1



#62
4-Bromofluorobenzene
Concen: 44.782 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN073333.D
Acq: 06 Jul 2022 09:46

Tgt Ion: 95 Resp: 169350
Ion Ratio Lower Upper
95 100
174 74.1 0.0 167.6
176 71.8 0.0 163.4

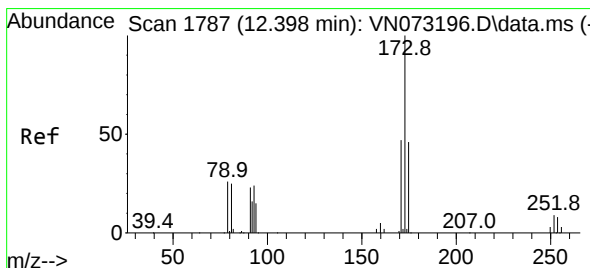
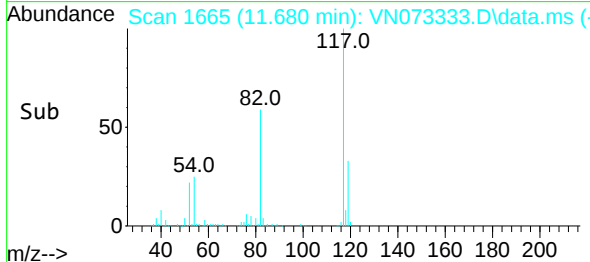
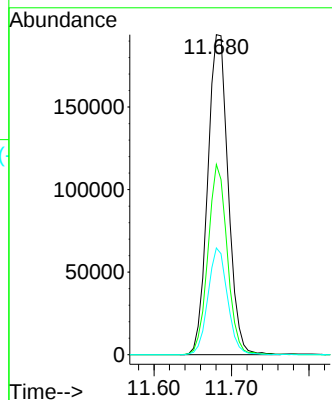
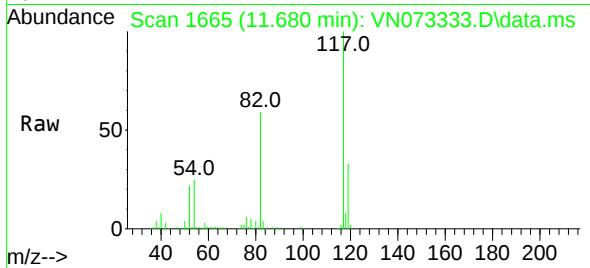




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VN073333.D
Acq: 06 Jul 2022 09:46

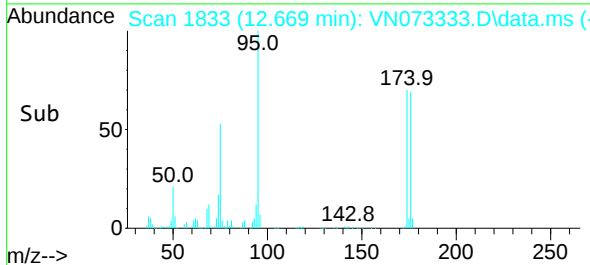
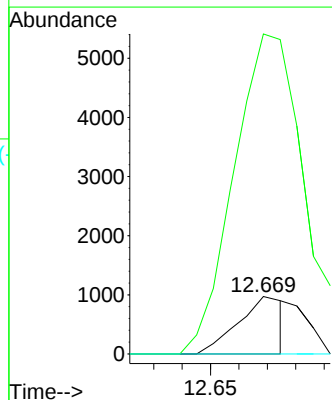
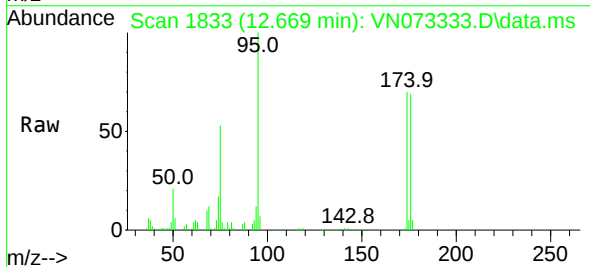
Instrument :
MSVOA_N
ClientSampleId :
VN0706WBL01

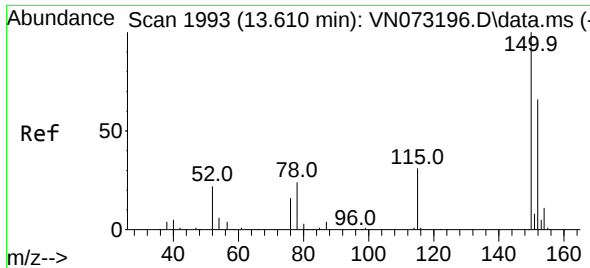
Tgt Ion:117 Resp: 354997
Ion Ratio Lower Upper
117 100
82 59.5 44.2 66.2
119 33.4 25.4 38.0



#71
Bromoform
Concen: 0.507 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.271 min
Lab File: VN073333.D
Acq: 06 Jul 2022 09:46

Tgt Ion:173 Resp: 1096
Ion Ratio Lower Upper
173 100
175 618.3 24.6 73.6#
254 0.0 0.1 0.1#

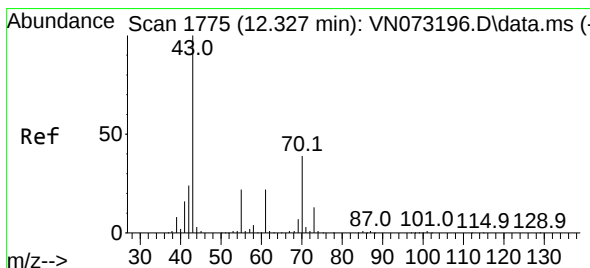
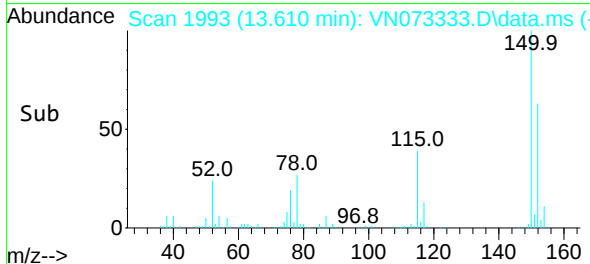
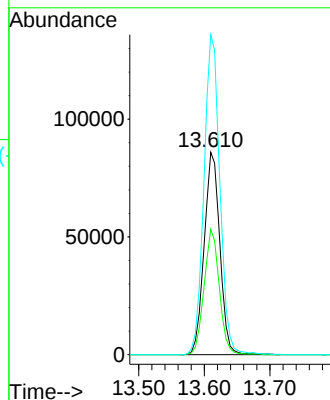
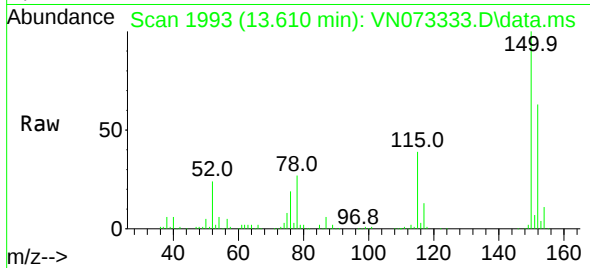




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. -0.000 min
Lab File: VN073333.D
Acq: 06 Jul 2022 09:46

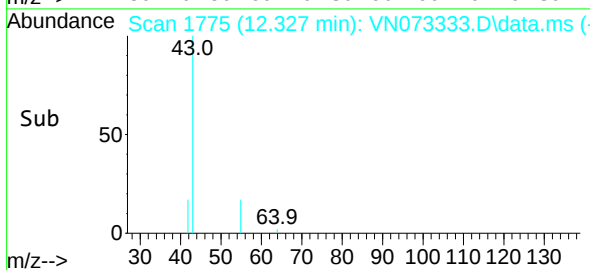
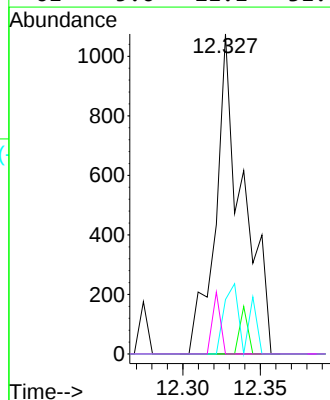
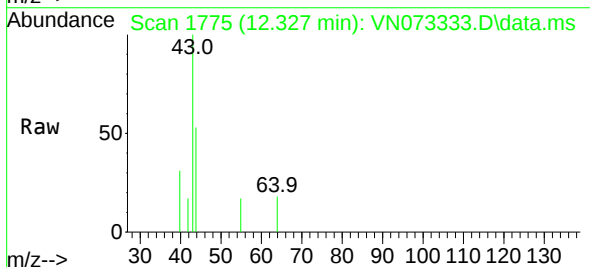
Instrument :
MSVOA_N
ClientSampleId :
VN0706WBL01

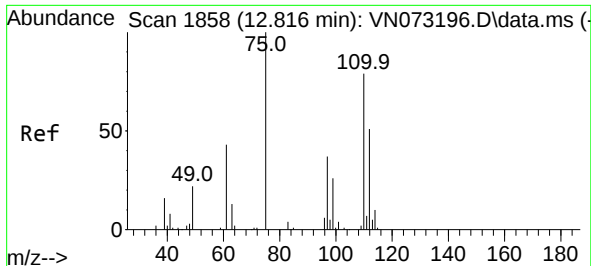
Tgt Ion:152 Resp: 143404
Ion Ratio Lower Upper
152 100
115 60.3 28.9 86.7
150 160.1 0.0 356.2



#74
N-ethyl acetate
Concen: 0.211 ug/l
RT: 12.327 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN073333.D
Acq: 06 Jul 2022 09:46

Tgt Ion: 43 Resp: 1306
Ion Ratio Lower Upper
43 100
70 4.3 39.0 58.4#
55 16.5 21.1 31.7#
61 5.6 21.1 31.7#

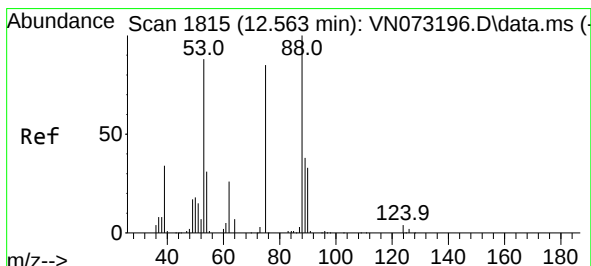
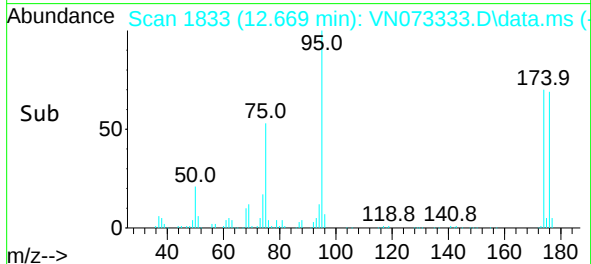
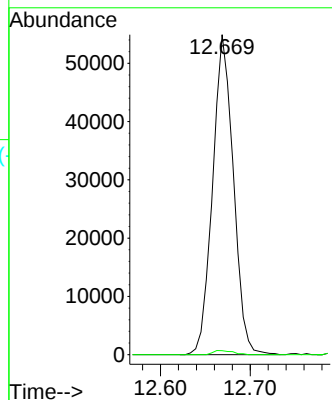
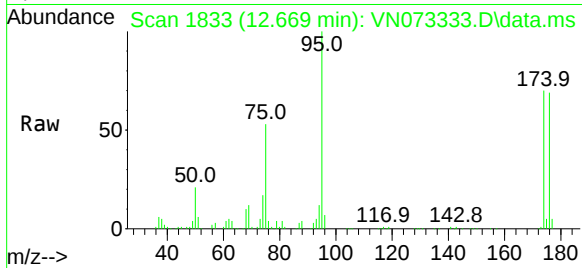




#76
1,2,3-Trichloropropane
Concen: 23.574 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.147 min
Lab File: VN073333.D
Acq: 06 Jul 2022 09:46

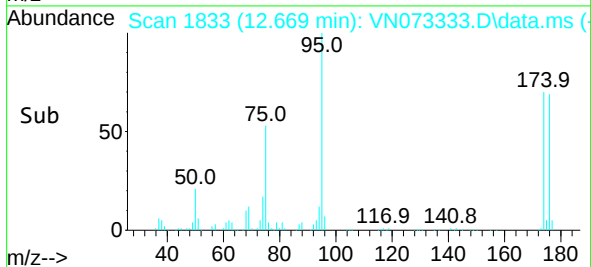
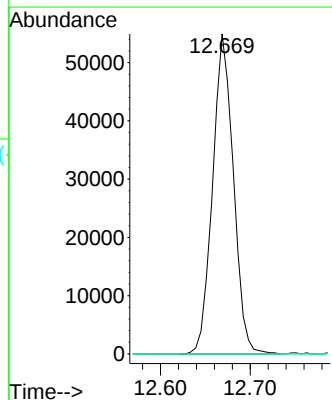
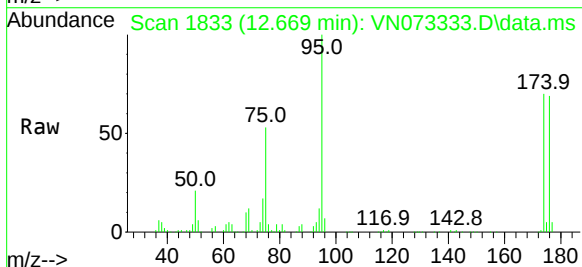
Instrument :
MSVOA_N
ClientSampleId :
VN0706WBL01

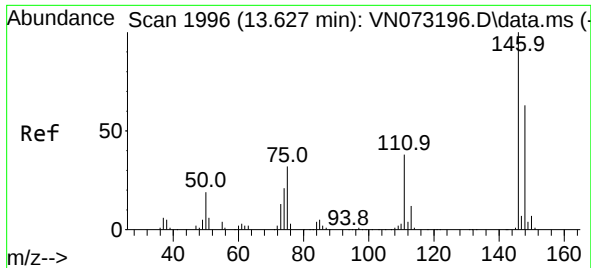
Tgt Ion: 75 Resp: 88397
Ion Ratio Lower Upper
75 100
77 1.2 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 64.651 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.106 min
Lab File: VN073333.D
Acq: 06 Jul 2022 09:46

Tgt Ion: 75 Resp: 88397
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#

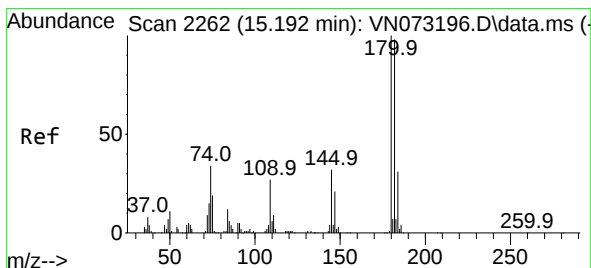
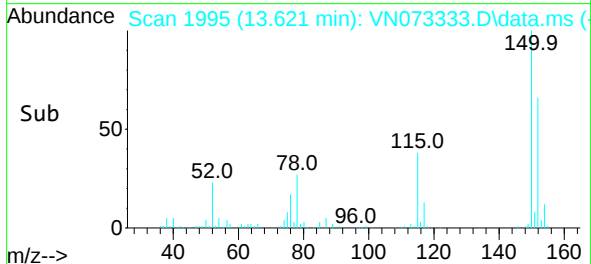
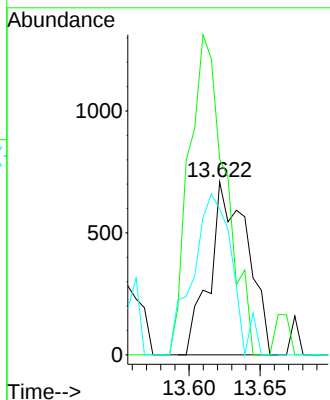
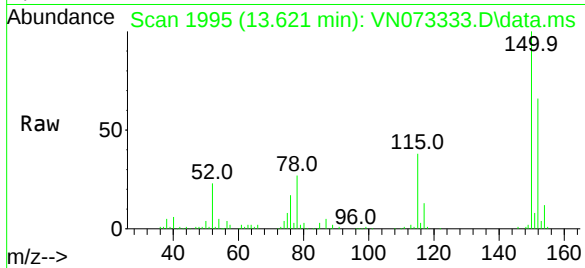




#88
1,4-Dichlorobenzene
Concen: 0.253 ug/l
RT: 13.621 min Scan# 1996
Delta R.T. -0.006 min
Lab File: VN073333.D
Acq: 06 Jul 2022 09:46

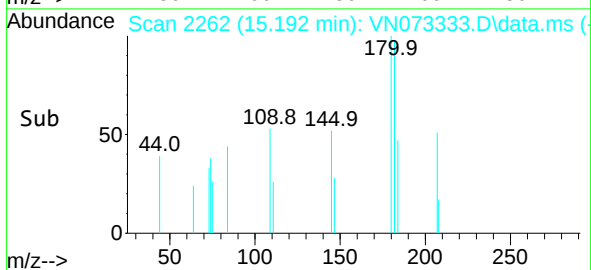
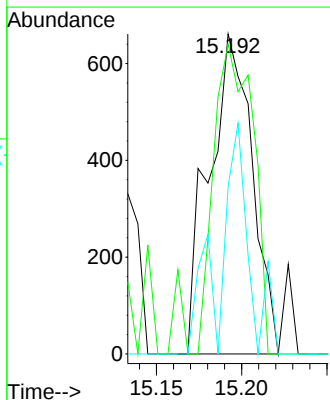
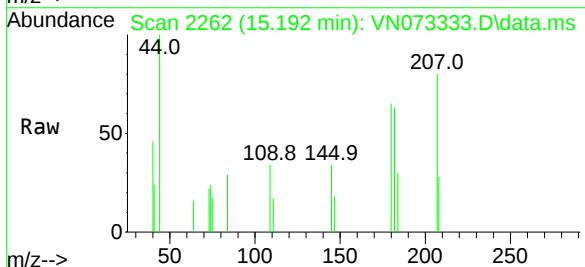
Instrument :
MSVOA_N
ClientSampleId :
VN0706WBL01

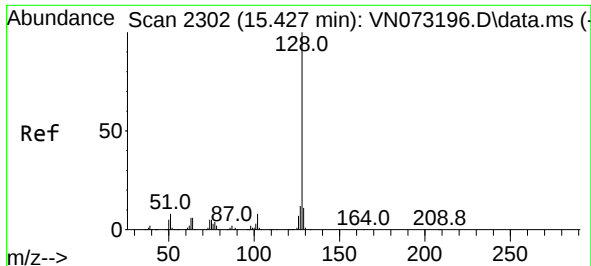
Tgt Ion:146 Resp: 1308
Ion Ratio Lower Upper
146 100
111 178.5 19.1 57.1#
148 96.3 31.4 94.3#



#93
1,2,4-Trichlorobenzene
Concen: 0.426 ug/l
RT: 15.192 min Scan# 2262
Delta R.T. 0.000 min
Lab File: VN073333.D
Acq: 06 Jul 2022 09:46

Tgt Ion:180 Resp: 1167
Ion Ratio Lower Upper
180 100
182 88.3 47.5 142.5
145 49.6 14.5 43.5#

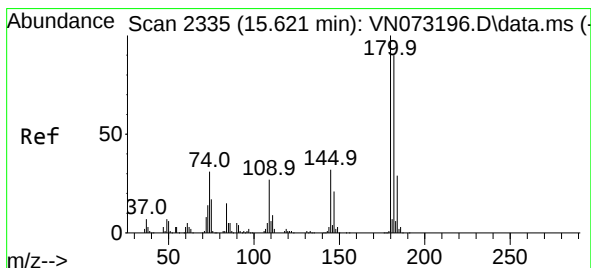
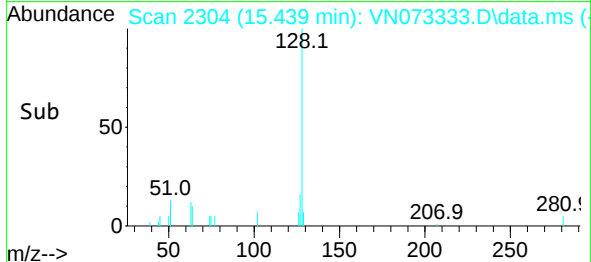
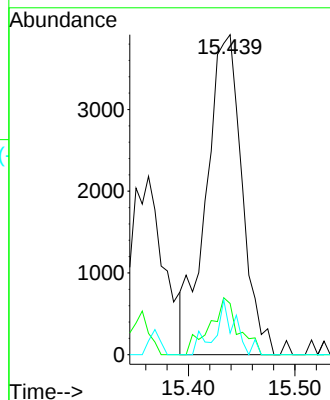
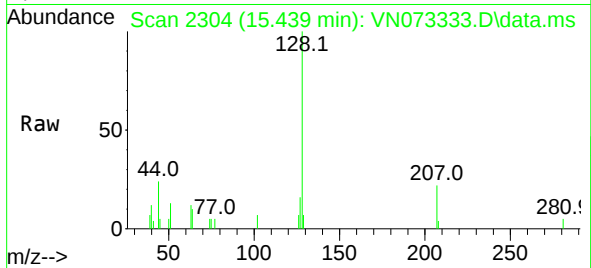




#95
Naphthalene
Concen: 0.824 ug/l
RT: 15.439 min Scan# 21
Delta R.T. 0.012 min
Lab File: VN073333.D
Acq: 06 Jul 2022 09:46

Instrument :
MSVOA_N
ClientSampleId :
VN0706WBL01

Tgt Ion:128 Resp: 9111
Ion Ratio Lower Upper
128 100
127 14.5 10.3 15.5
129 9.3 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 0.584 ug/l
RT: 15.621 min Scan# 2335
Delta R.T. 0.000 min
Lab File: VN073333.D
Acq: 06 Jul 2022 09:46

Tgt Ion:180 Resp: 1651
Ion Ratio Lower Upper
180 100
182 90.7 47.8 143.3
145 24.4 15.5 46.5

