

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071422\
 Data File : VN073458.D
 Acq On : 14 Jul 2022 12:59
 Operator : JC\MD
 Sample : VN0714WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0714WBL01

Quant Time: Jul 15 02:00:54 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)

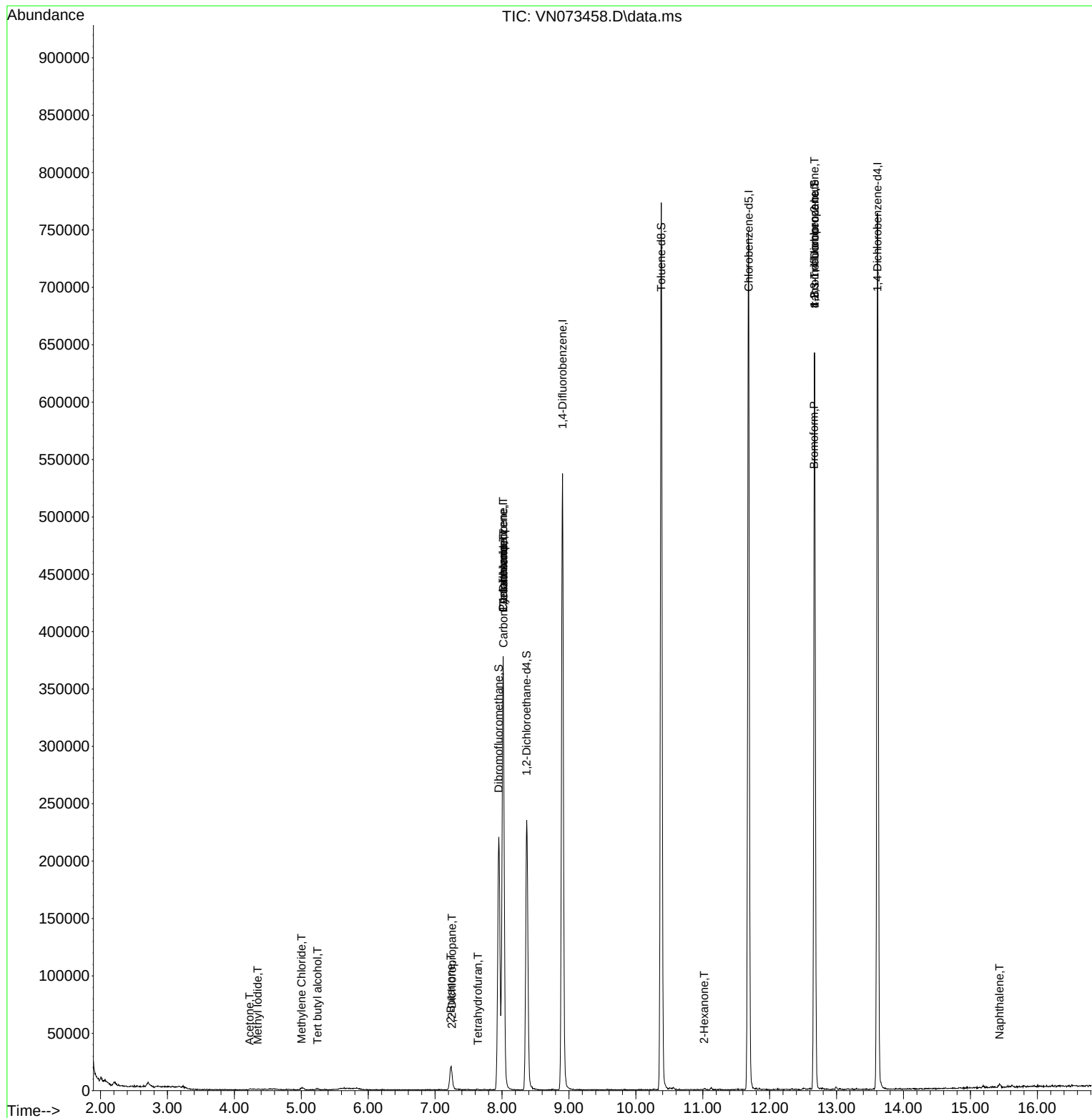
Internal Standards						
1) Pentafluorobenzene	8.016	168	271758	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	462806	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	421733	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	206175	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	199767	50.920	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.840%			
35) Dibromofluoromethane	7.951	113	161842	52.561	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.120%			
50) Toluene-d8	10.381	98	524121	47.926	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 95.860%			
62) 4-Bromofluorobenzene	12.669	95	219675	52.271	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.540%			
Target Compounds						Qvalue
10) Methyl Iodide	4.346	142	118	3.760	ug/l #	44
11) Tert butyl alcohol	5.240	59	587	0.618	ug/l #	72
16) Acetone	4.228	43	444	0.202	ug/l #	42
20) Methylene Chloride	5.004	84	1351	0.349	ug/l #	84
25) 2-Butanone	7.234	43	1467	0.418	ug/l #	45
26) 2,2-Dichloropropane	7.251	77	1446	0.240	ug/l #	53
29) Tetrahydrofuran	7.640	42	486	0.202	ug/l #	47
31) Cyclohexane	8.016	56	7117	1.108	ug/l #	33
36) 1,1-Dichloropropene	8.016	75	24261	5.121	ug/l #	49
38) Carbon Tetrachloride	8.022	117	28060	5.727	ug/l #	19
59) 2-Hexanone	11.022	43	1024	0.206	ug/l #	54
71) Bromoform	12.663	173	942	0.367	ug/l #	1
76) 1,2,3-Trichloropropane	12.669	75	117858	21.862	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.669	75	117858	59.955	ug/l #	11
95) Naphthalene	15.433	128	3881	0.244	ug/l #	77

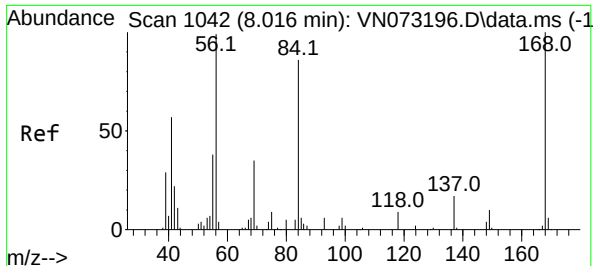
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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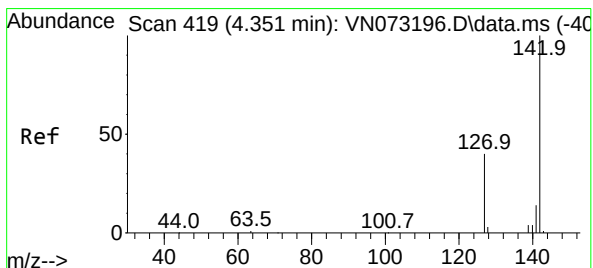
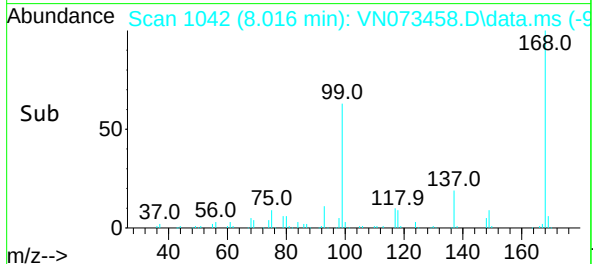
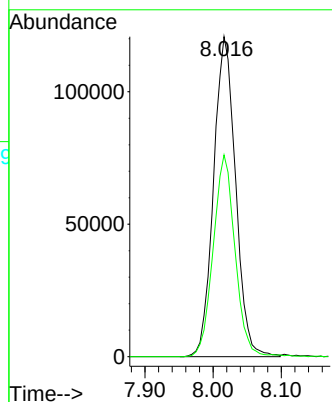
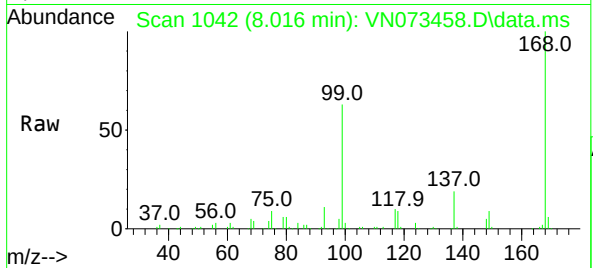




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073458.D
Acq: 14 Jul 2022 12:59

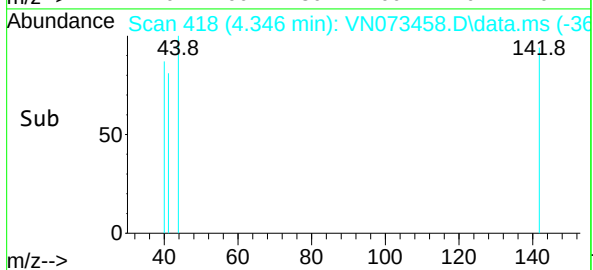
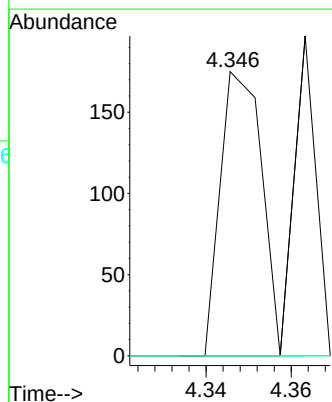
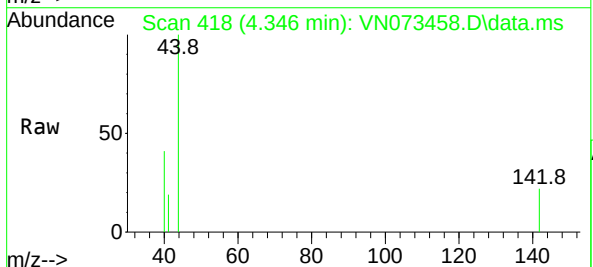
Instrument :
MSVOA_N
ClientSampleId :
VN0714WBL01

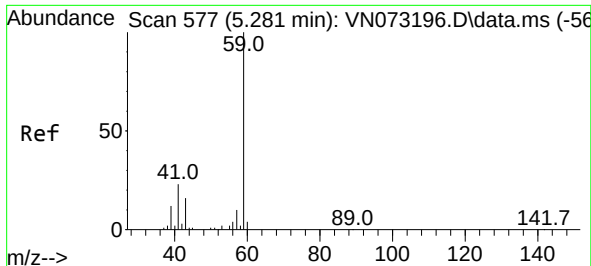
Tgt Ion:168 Resp: 271758
Ion Ratio Lower Upper
168 100
99 63.0 42.3 63.5



#10
Methyl Iodide
Concen: 3.760 ug/l
RT: 4.346 min Scan# 418
Delta R.T. -0.005 min
Lab File: VN073458.D
Acq: 14 Jul 2022 12:59

Tgt Ion:142 Resp: 118
Ion Ratio Lower Upper
142 100
127 0.0 31.3 46.9#
141 0.0 11.2 16.8#

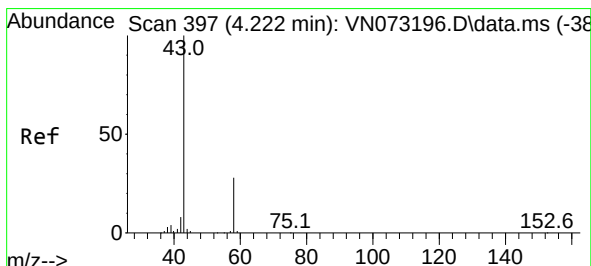
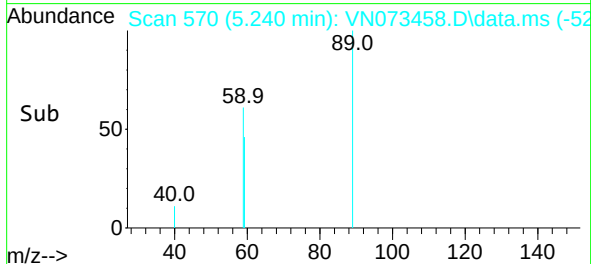
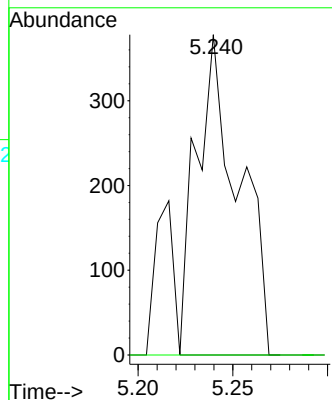
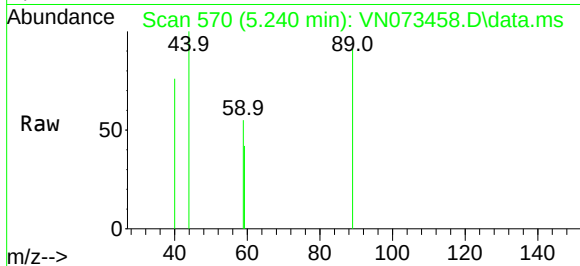




#11
Tert butyl alcohol
Concen: 0.618 ug/l
RT: 5.240 min Scan# 51
Delta R.T. -0.041 min
Lab File: VN073458.D
Acq: 14 Jul 2022 12:59

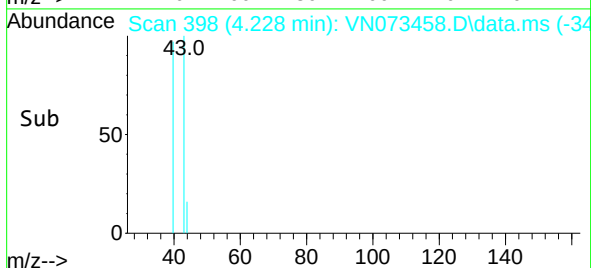
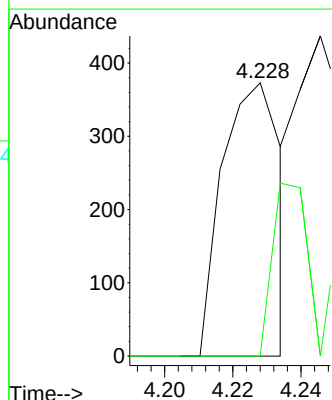
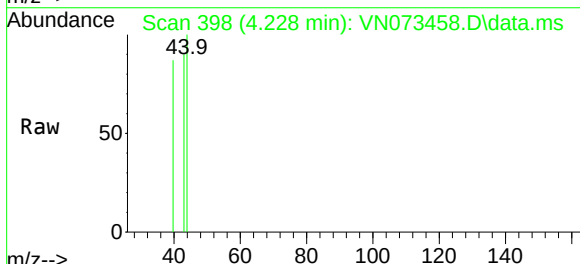
Instrument :
MSVOA_N
ClientSampleId :
VN0714WBL01

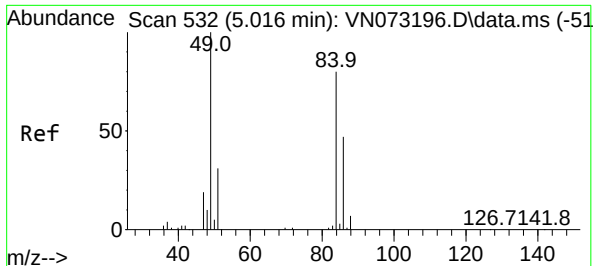
Tgt Ion: 59 Resp: 587
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#16
Acetone
Concen: 0.202 ug/l
RT: 4.228 min Scan# 398
Delta R.T. 0.006 min
Lab File: VN073458.D
Acq: 14 Jul 2022 12:59

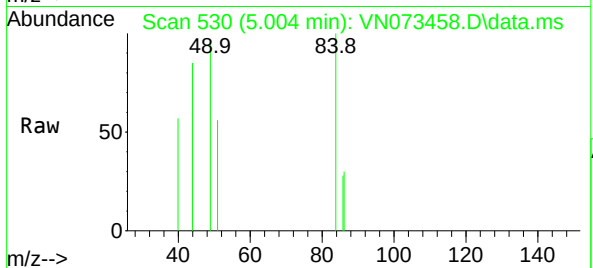
Tgt Ion: 43 Resp: 444
Ion Ratio Lower Upper
43 100
58 0.0 26.0 39.0#



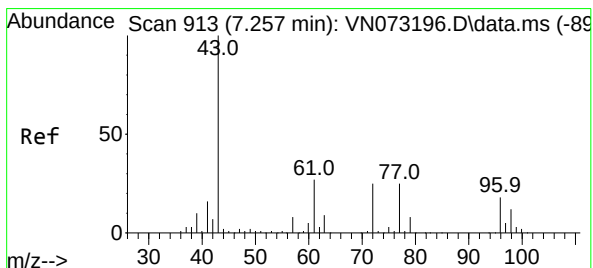
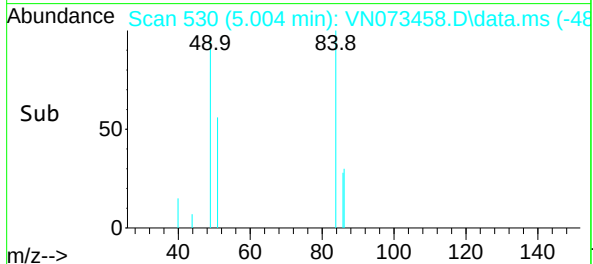
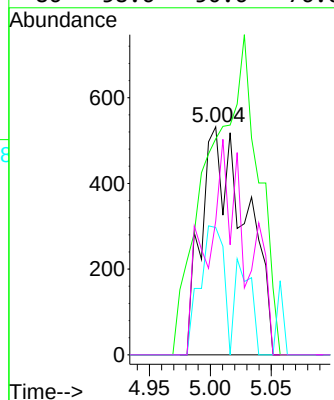


#20
Methylene Chloride
Concen: 0.349 ug/l
RT: 5.004 min Scan# 51
Delta R.T. -0.012 min
Lab File: VN073458.D
Acq: 14 Jul 2022 12:59

Instrument :
MSVOA_N
ClientSampleId :
VN0714WBL01

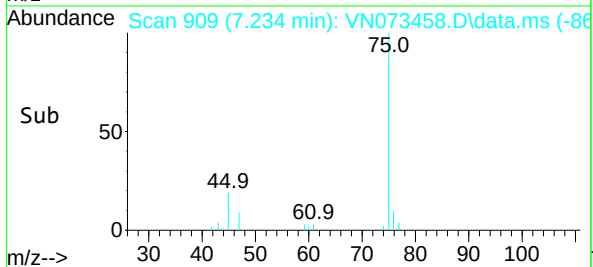
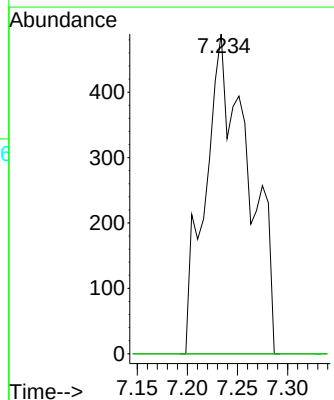
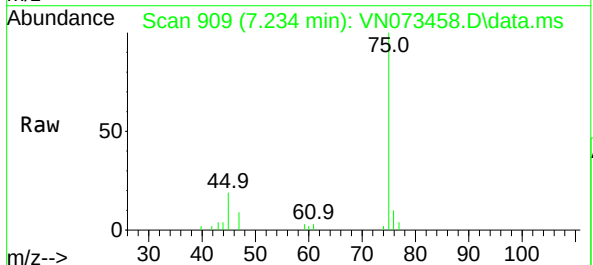


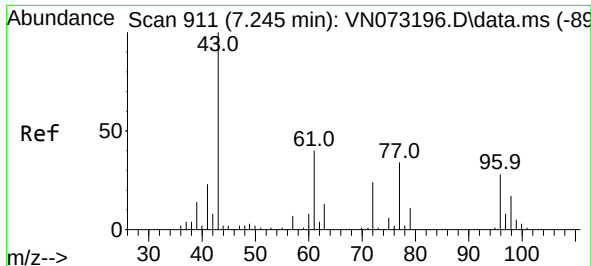
Tgt Ion:	84	Resp:	1351
Ion	Ratio	Lower	Upper
84	100		
49	94.7	88.3	132.5
51	55.8	28.2	42.2#
86	58.6	50.6	76.0



#25
2-Butanone
Concen: 0.418 ug/l
RT: 7.234 min Scan# 909
Delta R.T. -0.023 min
Lab File: VN073458.D
Acq: 14 Jul 2022 12:59

Tgt Ion:	43	Resp:	1467
Ion	Ratio	Lower	Upper
43	100		
72	0.0	23.7	35.5#





#26

2,2-Dichloropropane

Concen: 0.240 ug/l

RT: 7.251 min Scan# 911

Delta R.T. 0.006 min

Lab File: VN073458.D

Acq: 14 Jul 2022 12:59

Instrument :

MSVOA_N

ClientSampleId :

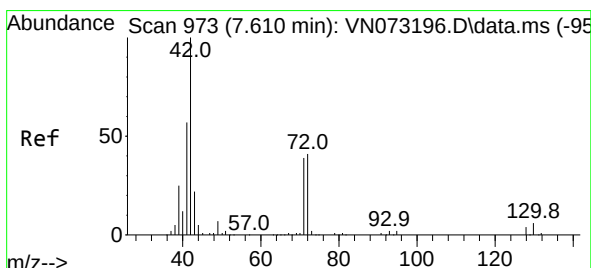
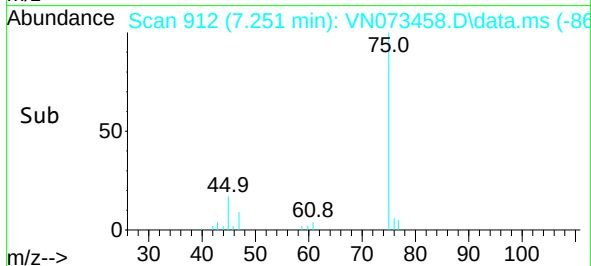
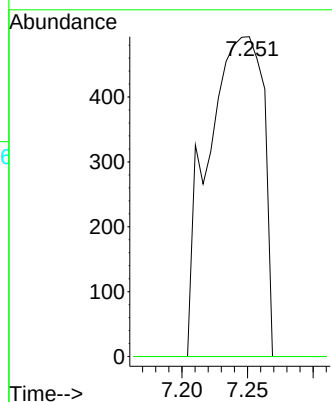
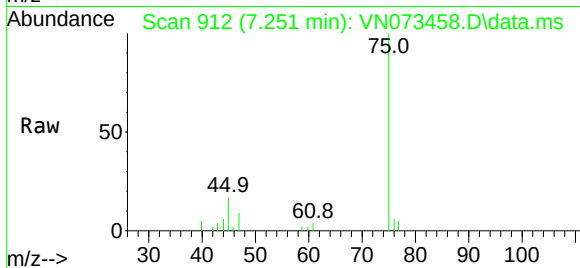
VN0714WBL01

Tgt Ion: 77 Resp: 1446

Ion Ratio Lower Upper

77 100

97 0.0 11.4 34.2#



#29

Tetrahydrofuran

Concen: 0.202 ug/l

RT: 7.640 min Scan# 978

Delta R.T. 0.030 min

Lab File: VN073458.D

Acq: 14 Jul 2022 12:59

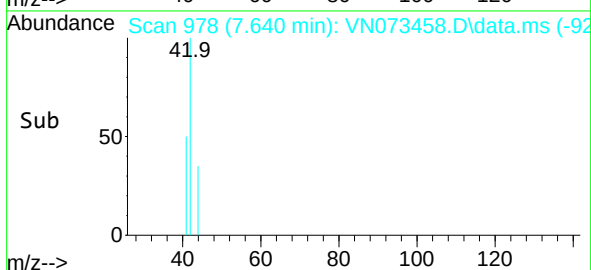
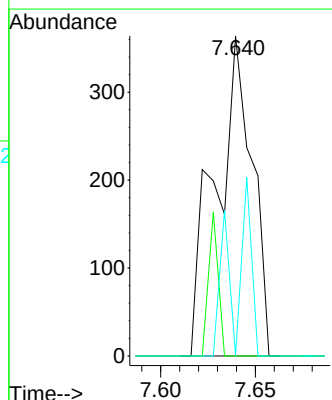
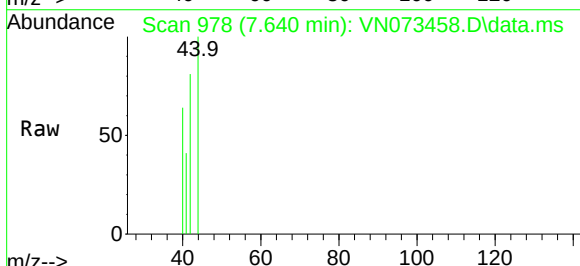
Tgt Ion: 42 Resp: 486

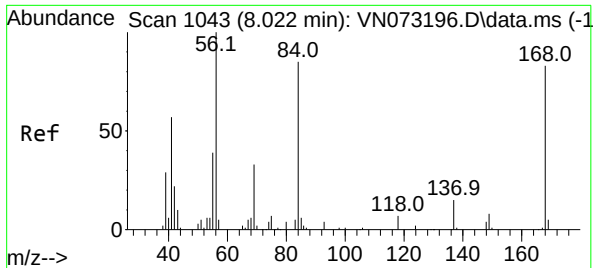
Ion Ratio Lower Upper

42 100

72 11.9 39.7 59.5#

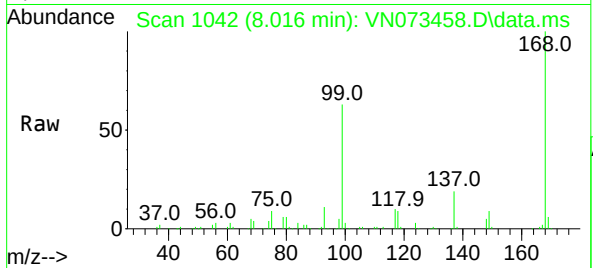
71 12.1 36.6 55.0#



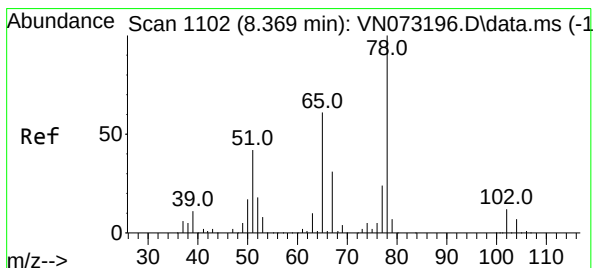
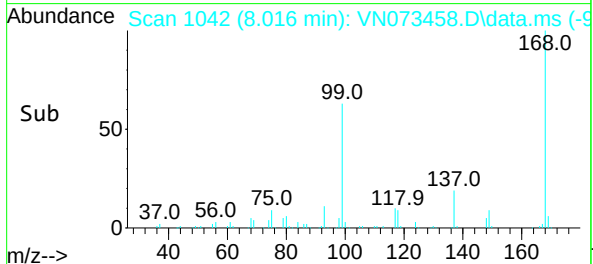
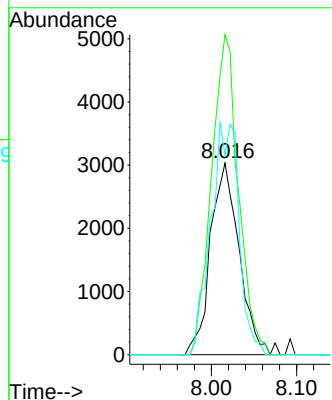


#31
Cyclohexane
Concen: 1.108 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.006 min
Lab File: VN073458.D
Acq: 14 Jul 2022 12:59

Instrument :
MSVOA_N
ClientSampleId :
VN0714WBL01

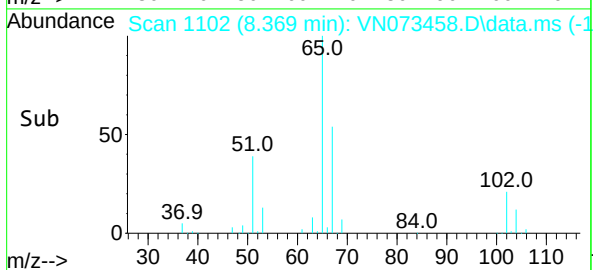
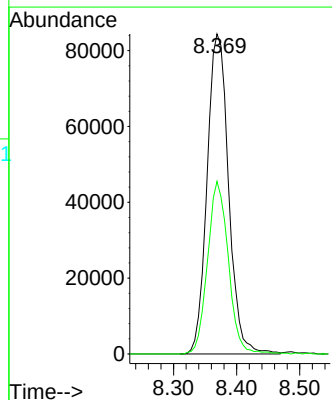
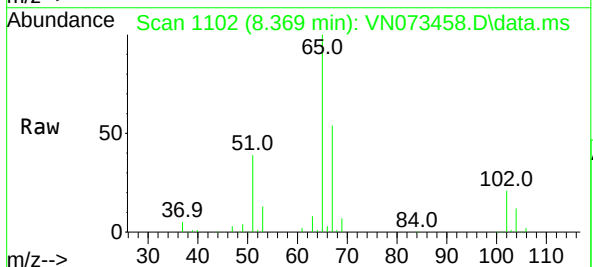


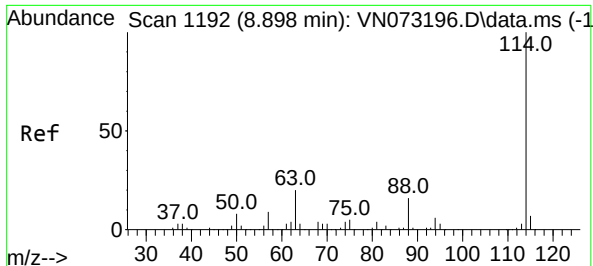
Tgt Ion: 56 Resp: 7117
Ion Ratio Lower Upper
56 100
69 167.1 27.8 41.8#
84 104.5 76.9 115.3



#33
1,2-Dichloroethane-d4
Concen: 50.920 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN073458.D
Acq: 14 Jul 2022 12:59

Tgt Ion: 65 Resp: 199767
Ion Ratio Lower Upper
65 100
67 52.2 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: VN073458.D

Acq: 14 Jul 2022 12:59

Instrument :

MSVOA_N

ClientSampleId :

VN0714WBL01

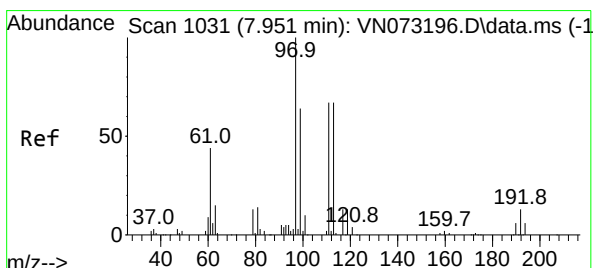
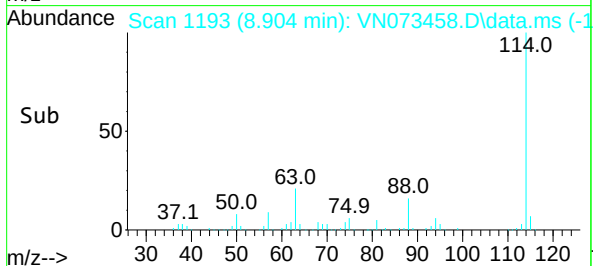
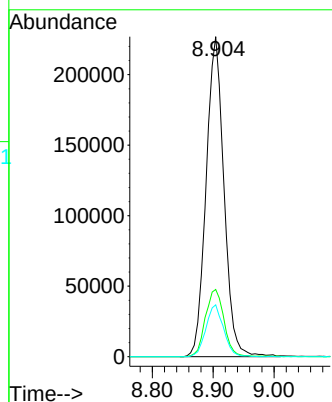
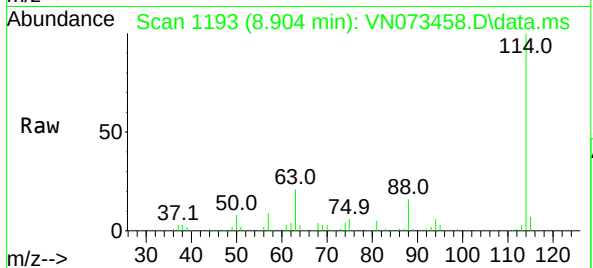
Tgt Ion:114 Resp: 462806

Ion Ratio Lower Upper

114 100

63 21.0 0.0 40.0

88 16.2 0.0 32.6



#35

Dibromofluoromethane

Concen: 52.561 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073458.D

Acq: 14 Jul 2022 12:59

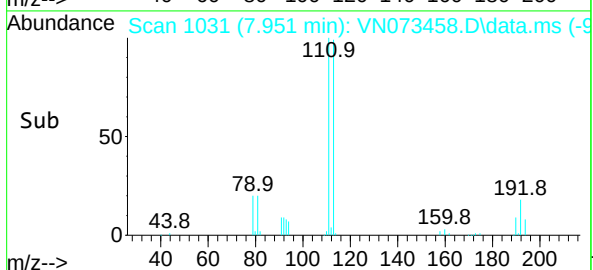
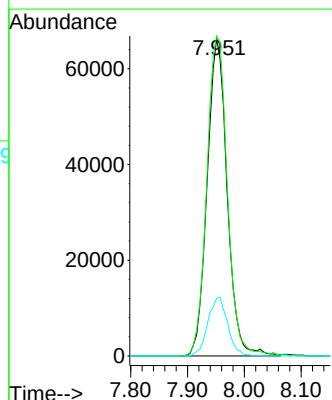
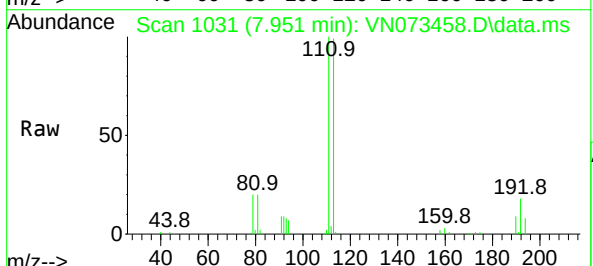
Tgt Ion:113 Resp: 161842

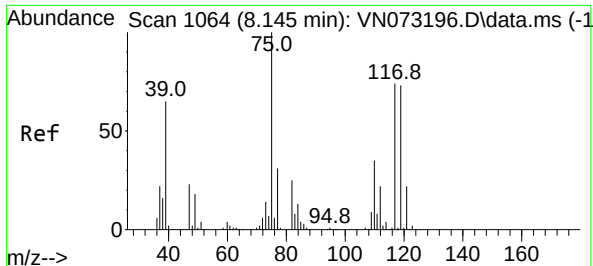
Ion Ratio Lower Upper

113 100

111 104.1 81.4 122.0

192 18.3 17.0 25.6





#36

1,1-Dichloropropene

Concen: 5.121 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.129 min

Lab File: VN073458.D

Acq: 14 Jul 2022 12:59

Instrument :

MSVOA_N

ClientSampleId :

VN0714WBL01

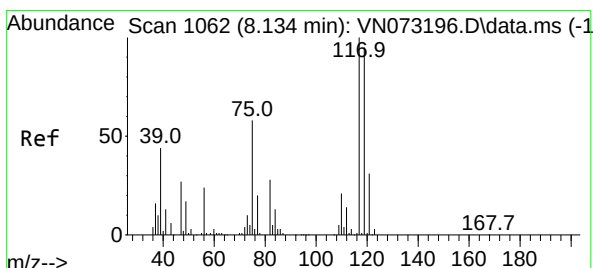
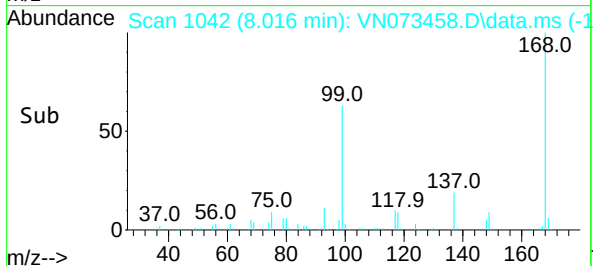
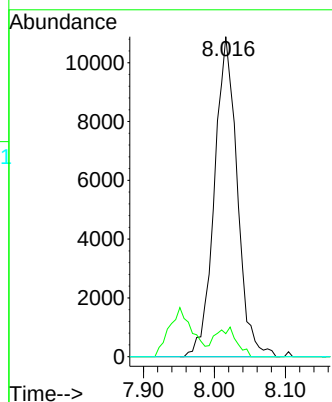
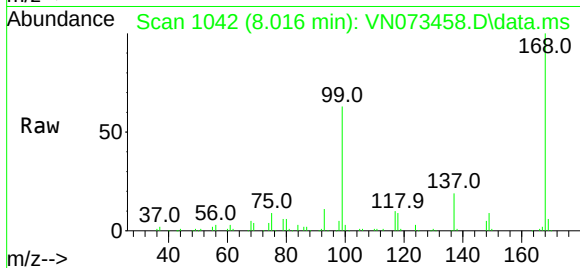
Tgt Ion: 75 Resp: 24261

Ion Ratio Lower Upper

75 100

110 8.9 18.3 54.8#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 5.727 ug/l

RT: 8.022 min Scan# 1043

Delta R.T. -0.112 min

Lab File: VN073458.D

Acq: 14 Jul 2022 12:59

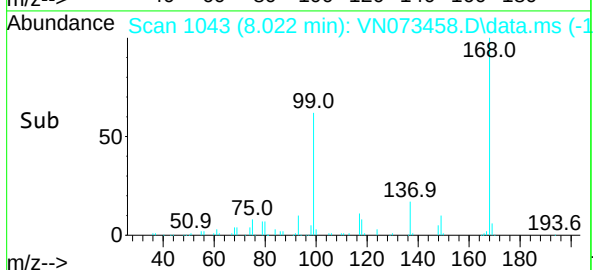
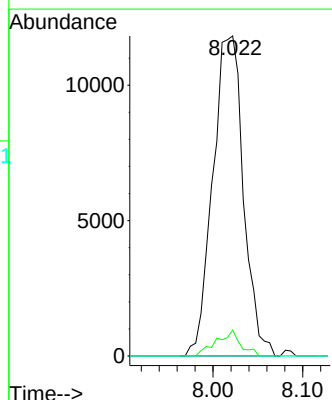
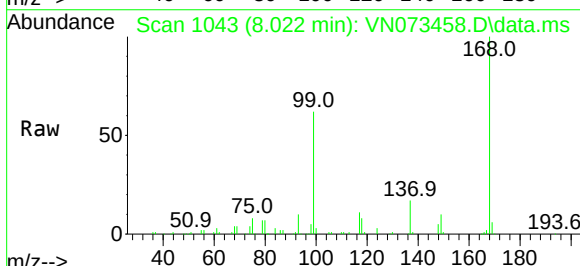
Tgt Ion: 117 Resp: 28060

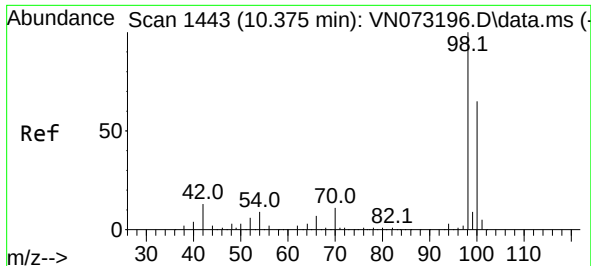
Ion Ratio Lower Upper

117 100

119 8.1 75.8 113.8#

121 0.0 24.6 37.0#

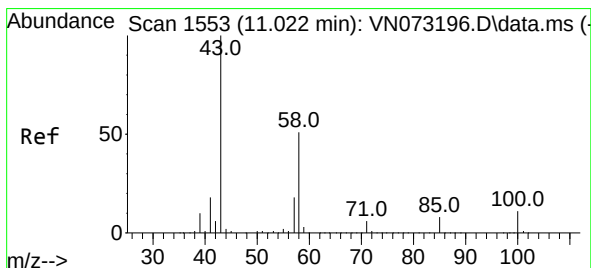
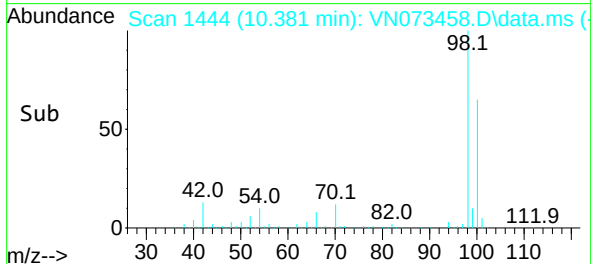
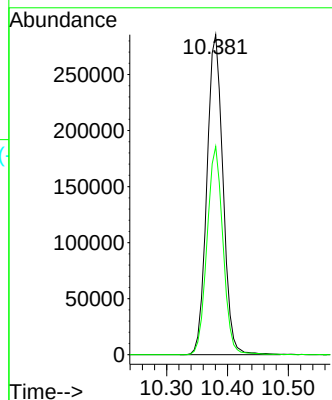
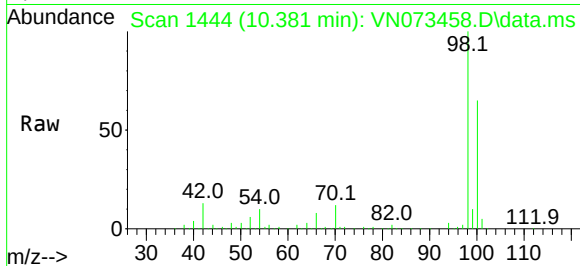




#50
Toluene-d8
Concen: 47.926 ug/l
RT: 10.381 min Scan# 1444
Delta R.T. 0.006 min
Lab File: VN073458.D
Acq: 14 Jul 2022 12:59

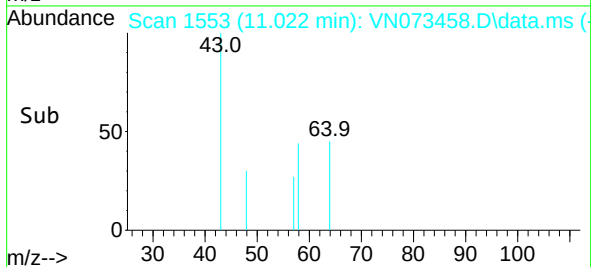
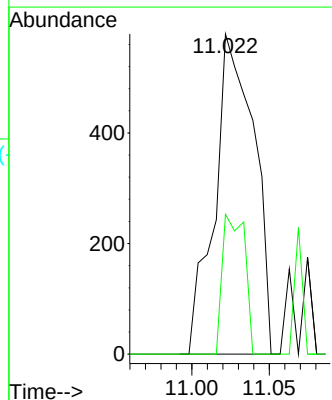
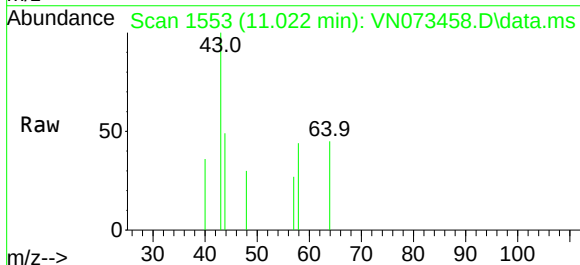
Instrument :
MSVOA_N
ClientSampleId :
VN0714WBL01

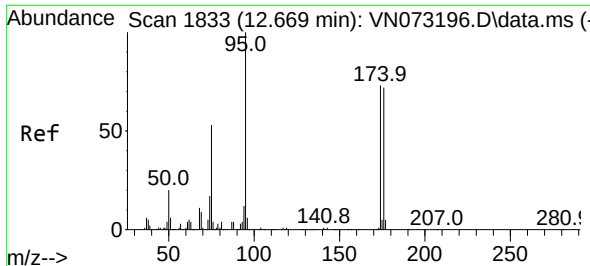
Tgt Ion: 98 Resp: 524121
Ion Ratio Lower Upper
98 100
100 64.5 52.6 78.8



#59
2-Hexanone
Concen: 0.206 ug/l
RT: 11.022 min Scan# 1553
Delta R.T. -0.000 min
Lab File: VN073458.D
Acq: 14 Jul 2022 12:59

Tgt Ion: 43 Resp: 1024
Ion Ratio Lower Upper
43 100
58 24.6 29.7 89.1#

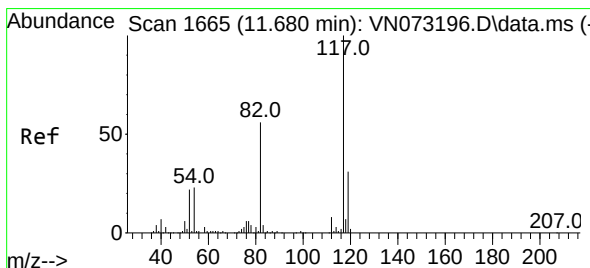
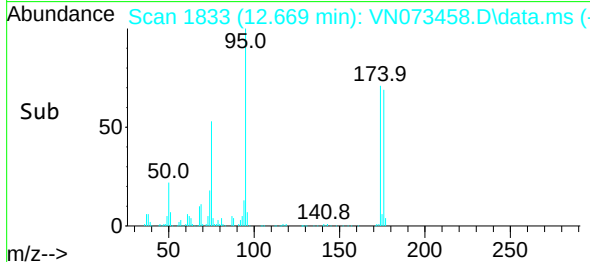
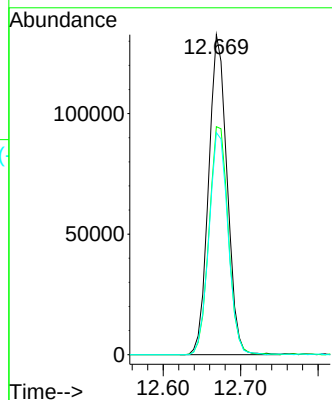
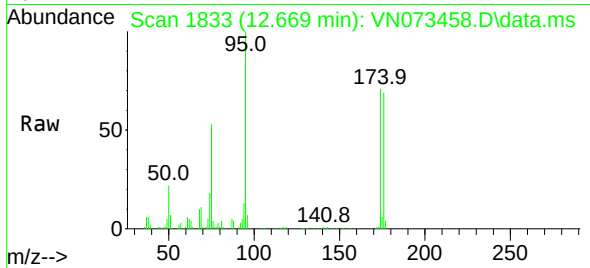




#62
4-Bromofluorobenzene
Concen: 52.271 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN073458.D
Acq: 14 Jul 2022 12:59

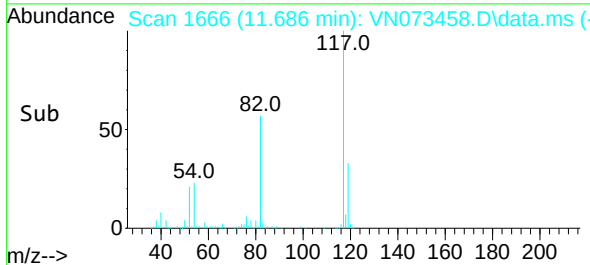
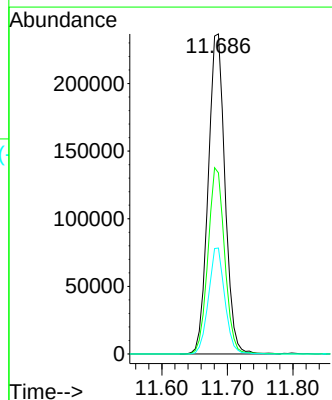
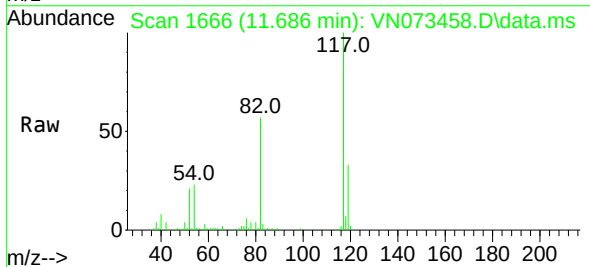
Instrument :
MSVOA_N
ClientSampleId :
VN0714WBL01

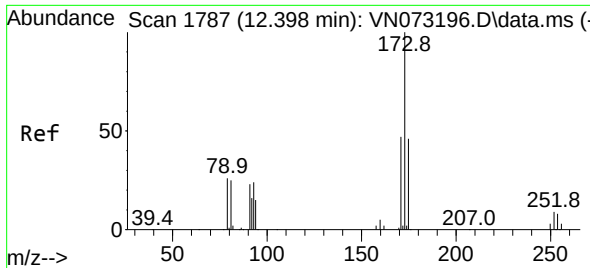
Tgt Ion: 95 Resp: 219675
Ion Ratio Lower Upper
95 100
174 74.0 0.0 167.6
176 71.6 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.006 min
Lab File: VN073458.D
Acq: 14 Jul 2022 12:59

Tgt Ion: 117 Resp: 421733
Ion Ratio Lower Upper
117 100
82 56.6 44.2 66.2
119 33.1 25.4 38.0

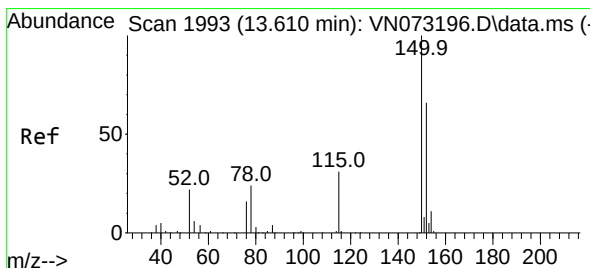
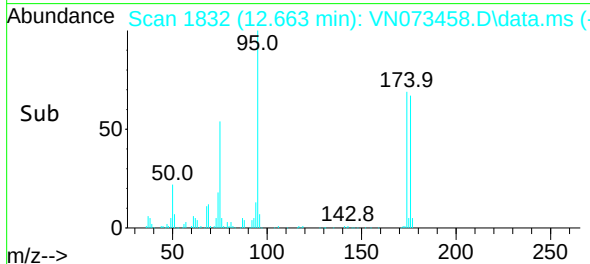
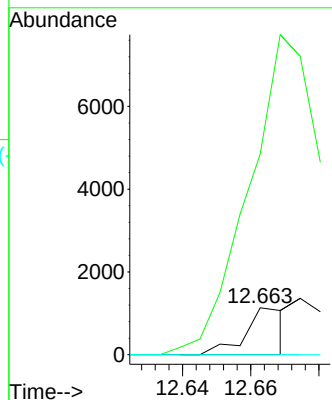
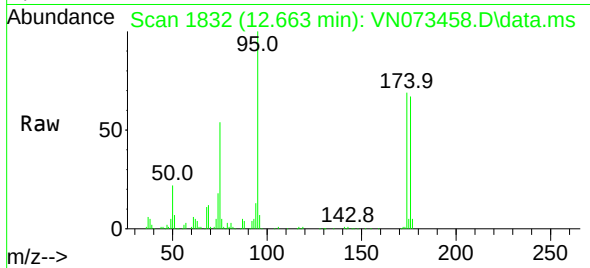




#71
Bromoform
Concen: 0.367 ug/l
RT: 12.663 min Scan# 1832
Delta R.T. 0.265 min
Lab File: VN073458.D
Acq: 14 Jul 2022 12:59

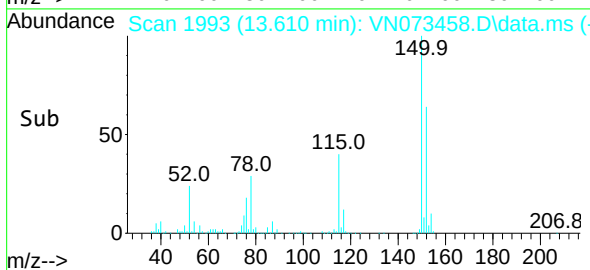
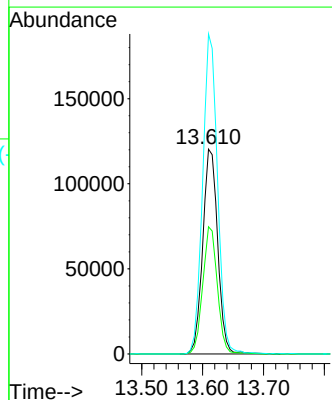
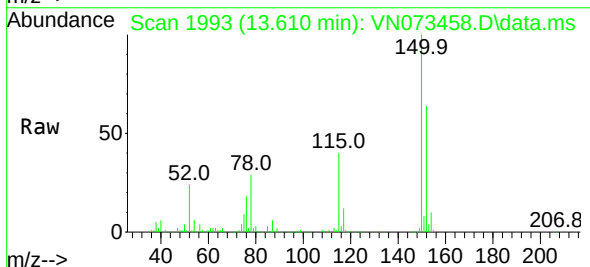
Instrument :
MSVOA_N
ClientSampleId :
VN0714WBL01

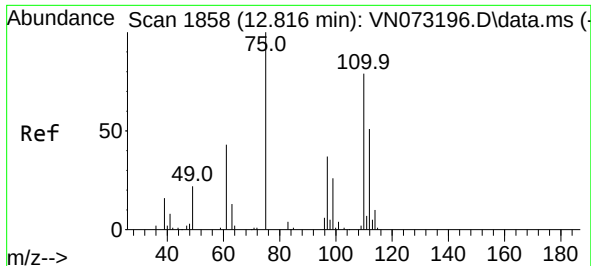
Tgt Ion:173 Resp: 942
Ion Ratio Lower Upper
173 100
175 945.6 24.6 73.6#
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. -0.000 min
Lab File: VN073458.D
Acq: 14 Jul 2022 12:59

Tgt Ion:152 Resp: 206175
Ion Ratio Lower Upper
152 100
115 60.5 28.9 86.7
150 154.8 0.0 356.2

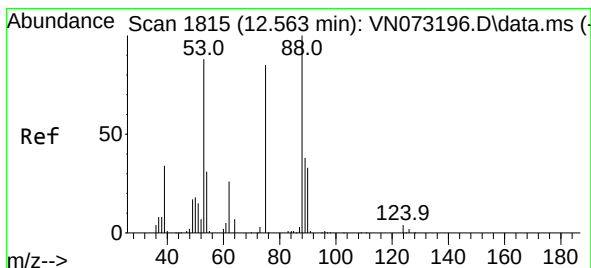
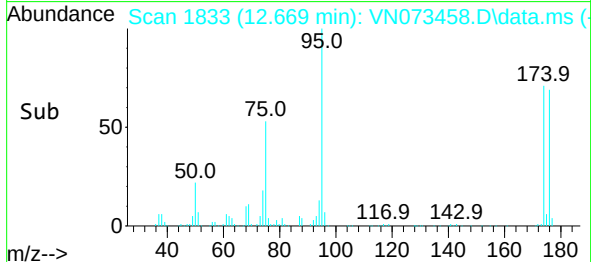
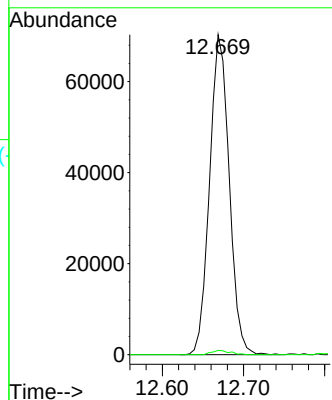
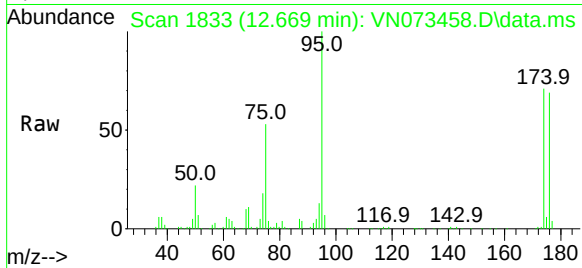




#76
1,2,3-Trichloropropane
Concen: 21.862 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.147 min
Lab File: VN073458.D
Acq: 14 Jul 2022 12:59

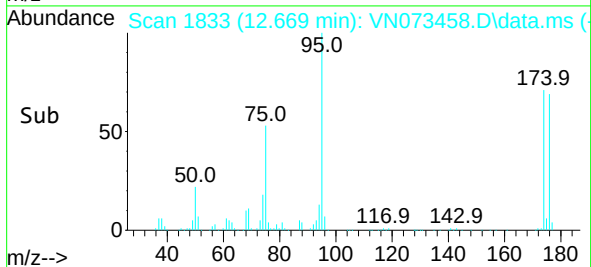
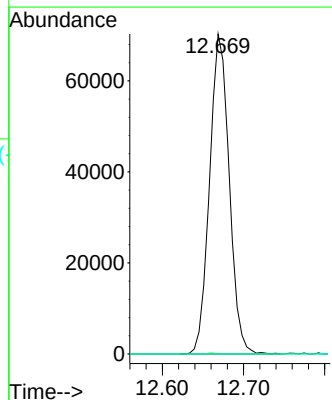
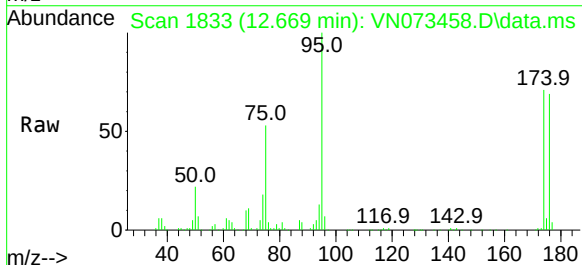
Instrument :
MSVOA_N
ClientSampleId :
VN0714WBL01

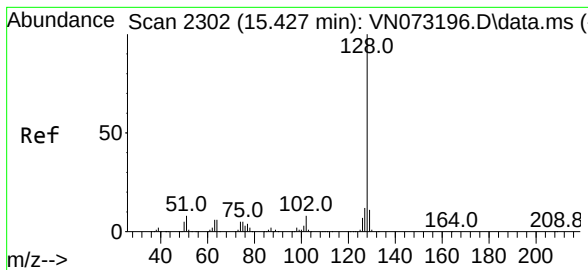
Tgt Ion: 75 Resp: 117858
Ion Ratio Lower Upper
75 100
77 1.3 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 59.955 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.106 min
Lab File: VN073458.D
Acq: 14 Jul 2022 12:59

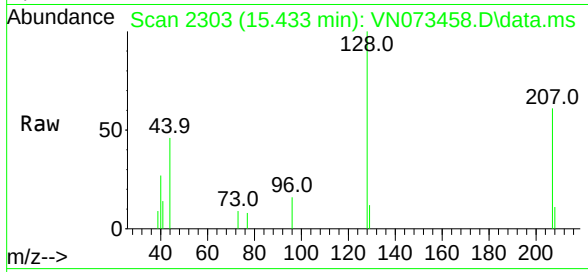
Tgt Ion: 75 Resp: 117858
Ion Ratio Lower Upper
75 100
53 0.1 78.0 117.0#
89 0.0 37.2 55.8#





#95
Naphthalene
Concen: 0.244 ug/l
RT: 15.433 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN073458.D
Acq: 14 Jul 2022 12:59

Instrument :
MSVOA_N
ClientSampleId :
VN0714WBL01



Tgt Ion:	128	Resp:	3881
Ion	Ratio	Lower	Upper
128	100		
127	1.6	10.3	15.5#
129	4.3	8.6	13.0#

