

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062122\
 Data File : VN072998.D
 Acq On : 22 Jun 2022 02:51
 Operator : JC\MD
 Sample : VN0621WBL02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0621WBL02

Quant Time: Jun 22 07:03:35 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)

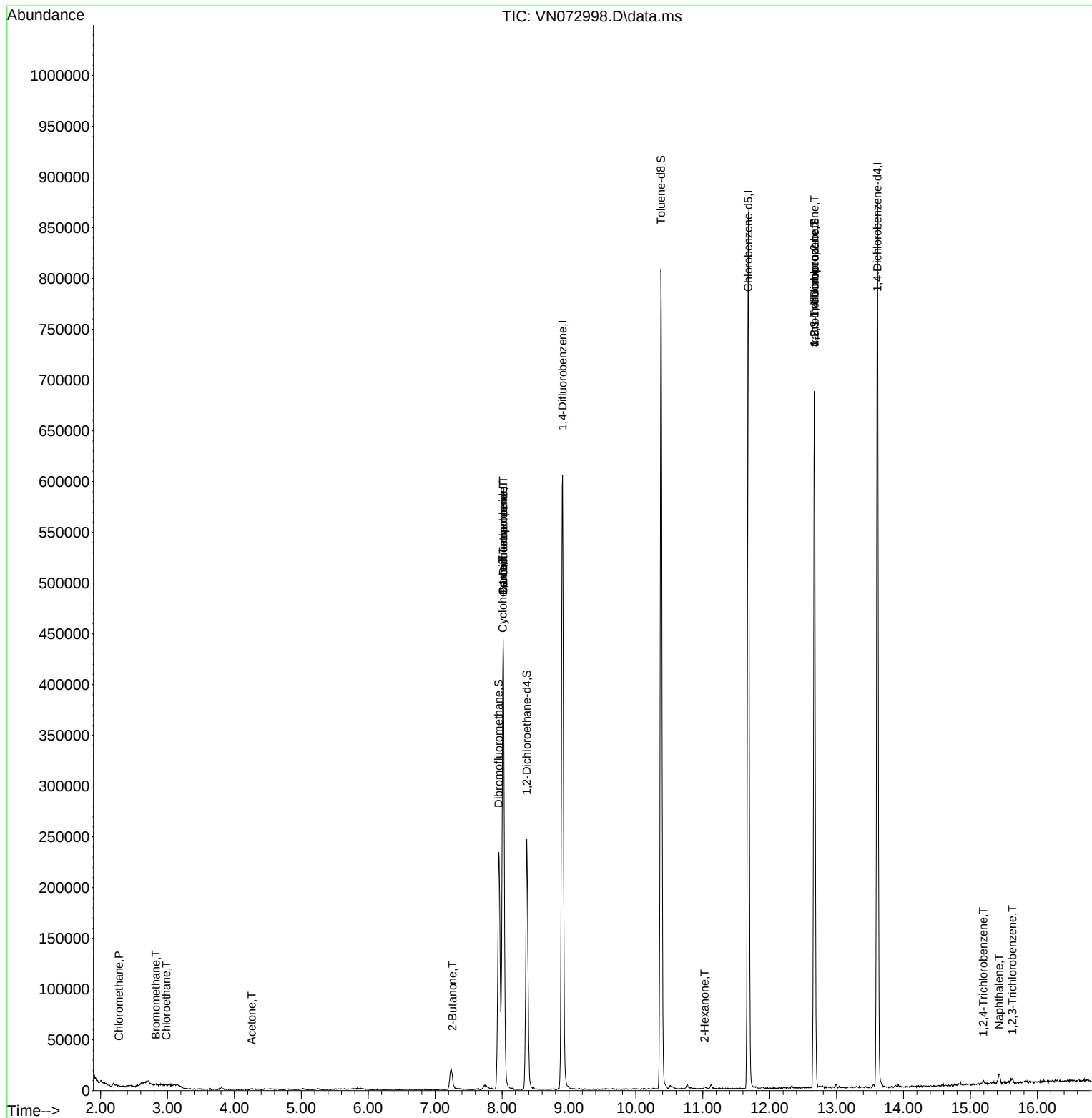
Internal Standards						
1) Pentafluorobenzene	8.016	168	339216	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	539411	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	483798	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	230491	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	200633	43.748	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	87.500%		
35) Dibromofluoromethane	7.951	113	172504	51.740	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	103.480%		
50) Toluene-d8	10.374	98	558823	45.044	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	90.080%		
62) 4-Bromofluorobenzene	12.668	95	238690	53.505	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	107.020%		
Target Compounds					Qvalue	
3) Chloromethane	2.275	50	519	0.717	ug/l #	43
5) Bromomethane	2.828	94	494	0.433	ug/l #	51
6) Chloroethane	2.981	64	668	0.369	ug/l #	42
16) Acetone	4.257	43	1764	0.700	ug/l #	42
20) Methylene Chloride	5.016	84	417	Below Cal	#	25
25) 2-Butanone	7.257	43	1327	0.332	ug/l #	45
26) 2,2-Dichloropropane	7.233	77	934	Below Cal	#	53
31) Cyclohexane	8.010	56	7321	1.180	ug/l #	4
36) 1,1-Dichloropropene	8.016	75	26484	5.871	ug/l #	48
38) Carbon Tetrachloride	8.016	117	34283	7.225	ug/l #	18
59) 2-Hexanone	11.027	43	1993	0.383	ug/l	82
76) 1,2,3-Trichloropropane	12.668	75	123124	22.033	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.668	75	123124	59.502	ug/l #	10
92) 1,2-Dibromo-3-Chloropr...	14.545	75	55	Below Cal	#	1
93) 1,2,4-Trichlorobenzene	15.192	180	1184	0.269	ug/l	86
95) Naphthalene	15.427	128	9481	0.532	ug/l	98
96) 1,2,3-Trichlorobenzene	15.627	180	1921	0.409	ug/l	83

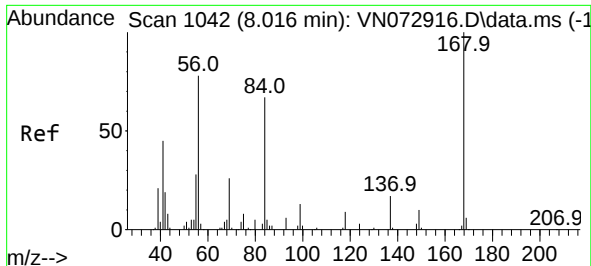
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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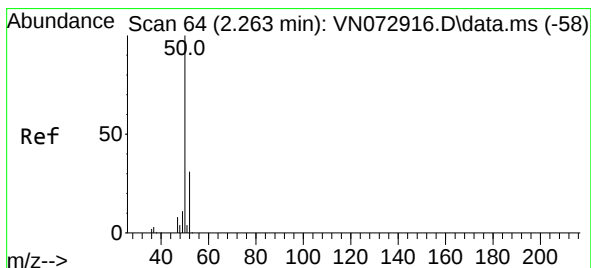
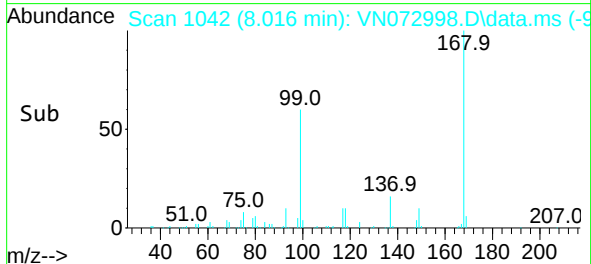
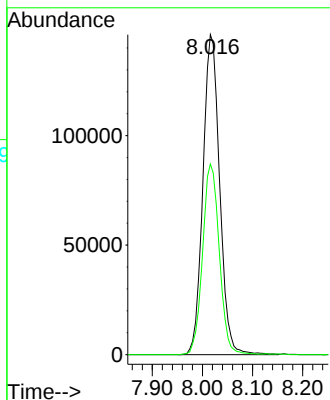
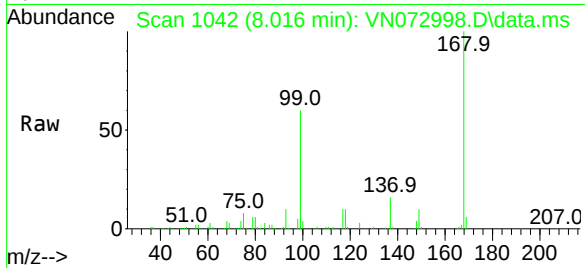




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN072998.D
Acq: 22 Jun 2022 02:51

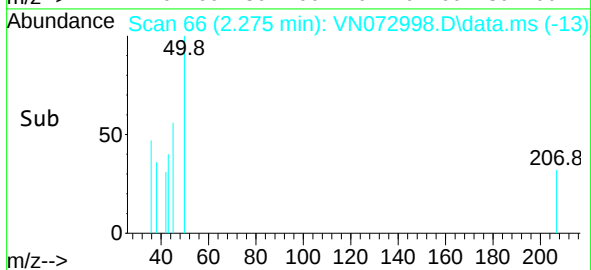
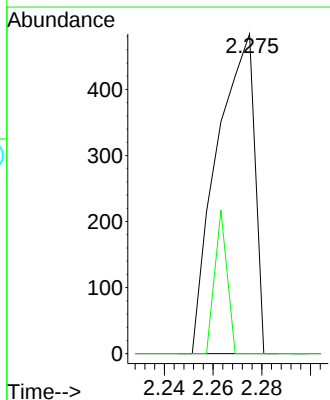
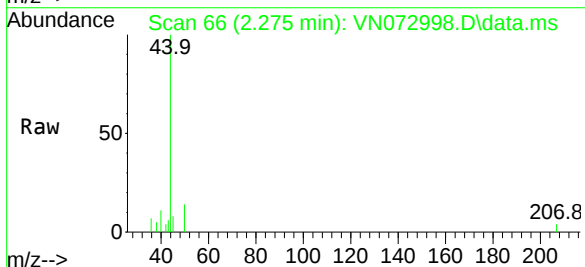
Instrument :
MSVOA_N
ClientSampleId :
VN0621WBL02

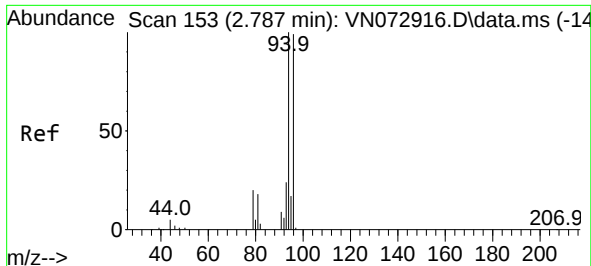
Tgt Ion:168 Resp: 339216
Ion Ratio Lower Upper
168 100
99 59.6 42.3 63.5



#3
Chloromethane
Concen: 0.717 ug/l
RT: 2.275 min Scan# 66
Delta R.T. 0.012 min
Lab File: VN072998.D
Acq: 22 Jun 2022 02:51

Tgt Ion: 50 Resp: 519
Ion Ratio Lower Upper
50 100
52 0.0 25.7 38.5#

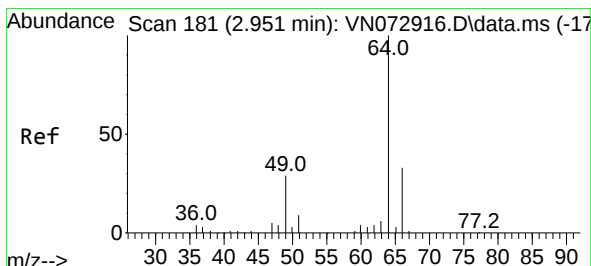
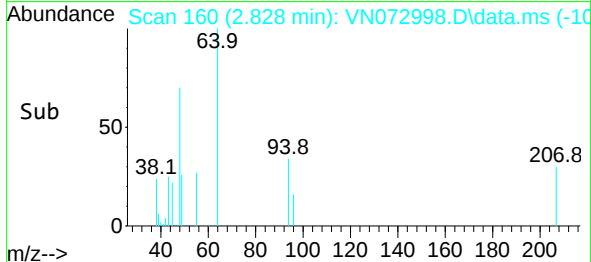
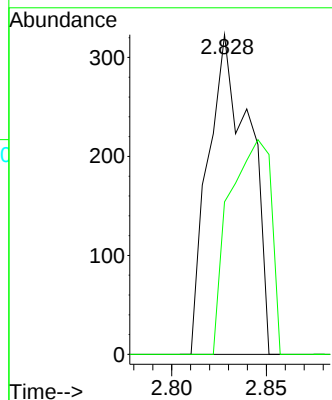
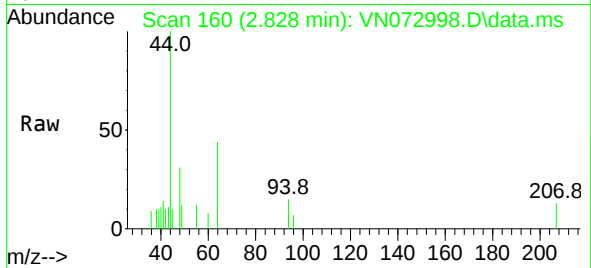




#5
Bromomethane
Concen: 0.433 ug/l
RT: 2.828 min Scan# 11
Delta R.T. 0.041 min
Lab File: VN072998.D
Acq: 22 Jun 2022 02:51

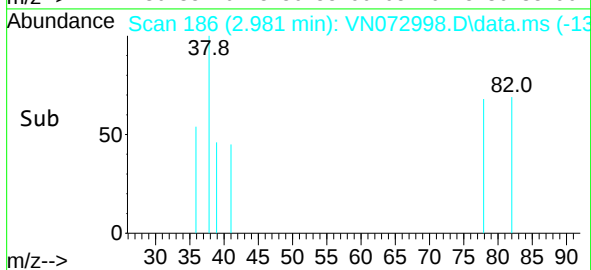
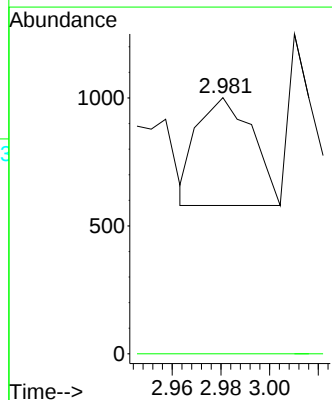
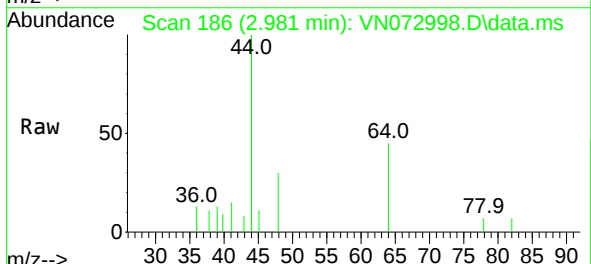
Instrument :
MSVOA_N
ClientSampleId :
VN0621WBL02

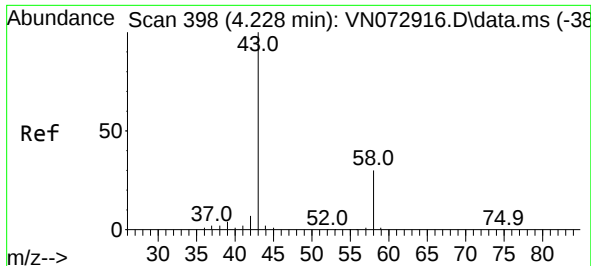
Tgt Ion: 94 Resp: 494
Ion Ratio Lower Upper
94 100
96 47.7 76.0 114.0#



#6
Chloroethane
Concen: 0.369 ug/l
RT: 2.981 min Scan# 186
Delta R.T. 0.029 min
Lab File: VN072998.D
Acq: 22 Jun 2022 02:51

Tgt Ion: 64 Resp: 668
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#





#16

Acetone

Concen: 0.700 ug/l

RT: 4.257 min Scan# 403

Delta R.T. 0.029 min

Lab File: VN072998.D

Acq: 22 Jun 2022 02:51

Instrument :

MSVOA_N

ClientSampleId :

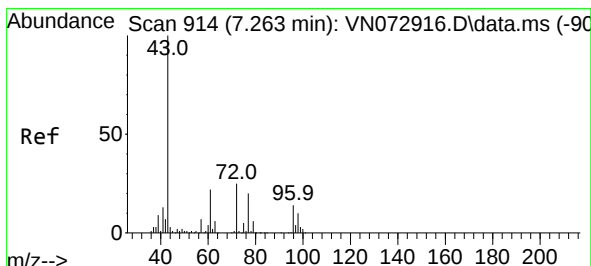
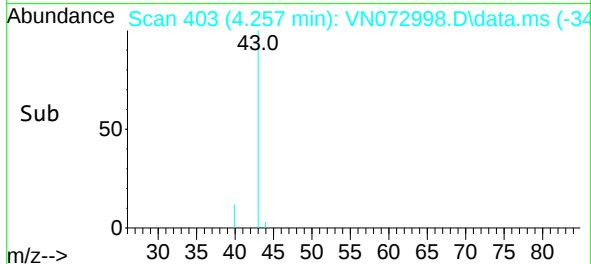
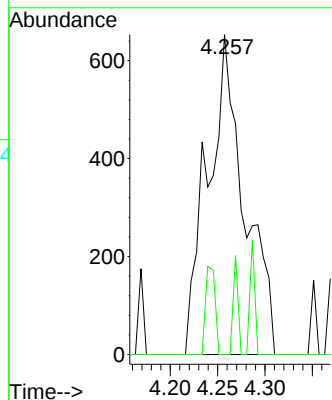
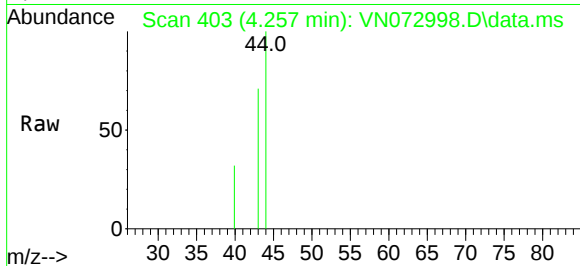
VN0621WBL02

Tgt Ion: 43 Resp: 1764

Ion Ratio Lower Upper

43 100

58 0.0 26.0 39.0#



#25

2-Butanone

Concen: 0.332 ug/l

RT: 7.257 min Scan# 913

Delta R.T. -0.006 min

Lab File: VN072998.D

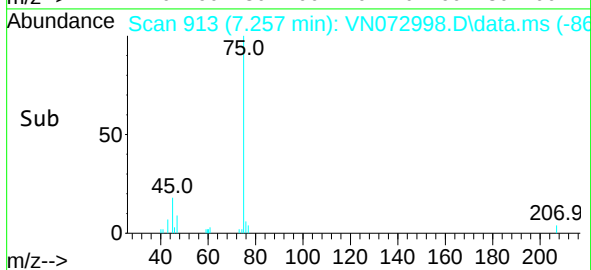
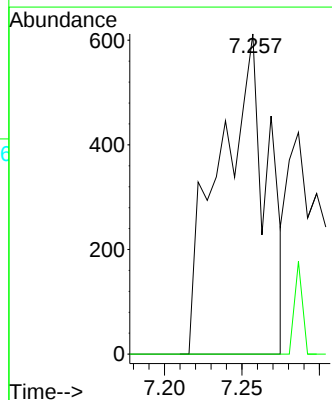
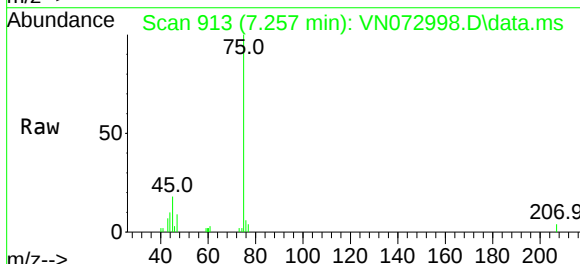
Acq: 22 Jun 2022 02:51

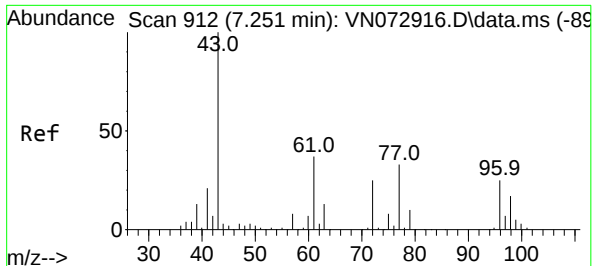
Tgt Ion: 43 Resp: 1327

Ion Ratio Lower Upper

43 100

72 0.0 23.7 35.5#

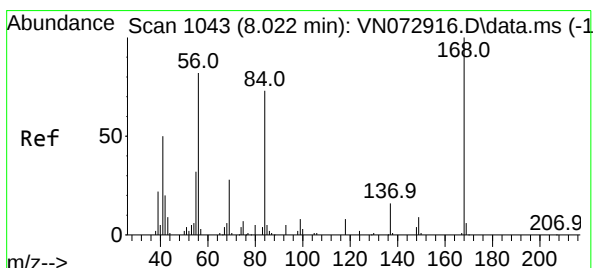
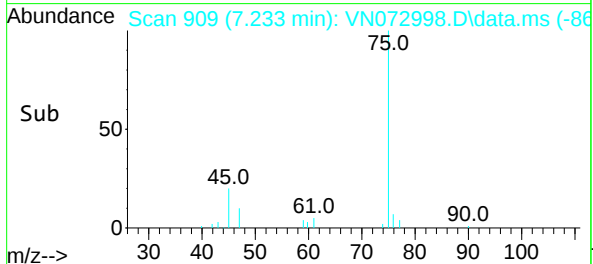
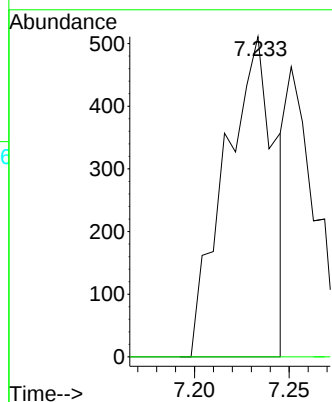
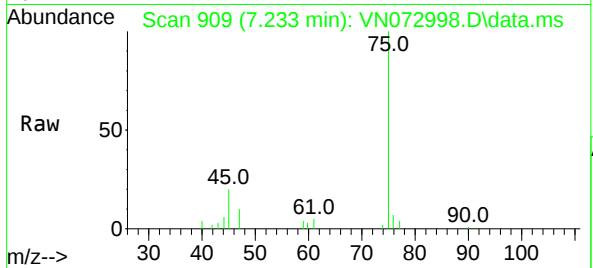




#26
2,2-Dichloropropane
Concen: Below Cal
RT: 7.233 min Scan# 909
Delta R.T. -0.018 min
Lab File: VN072998.D
Acq: 22 Jun 2022 02:51

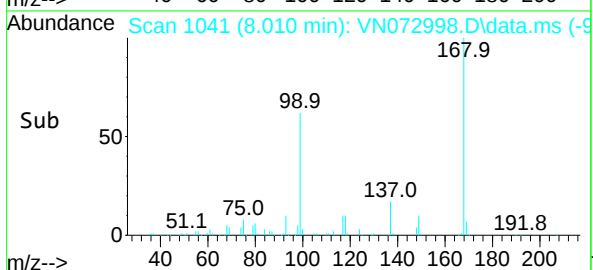
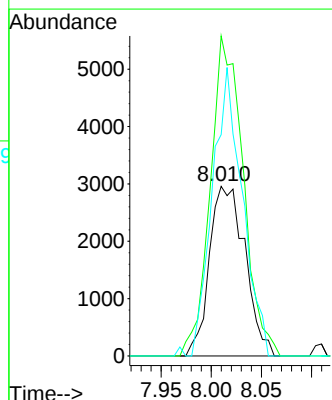
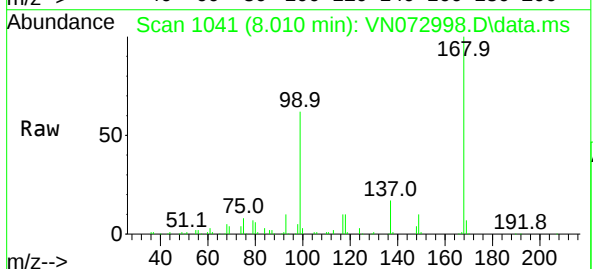
Instrument :
MSVOA_N
ClientSampleId :
VN0621WBL02

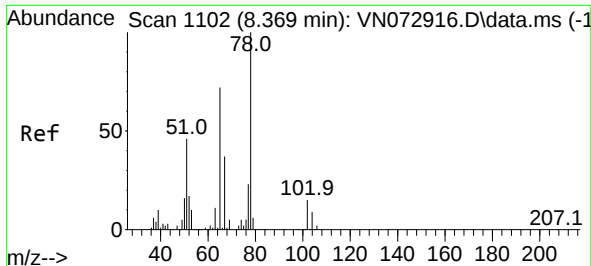
Tgt Ion: 77 Resp: 934
Ion Ratio Lower Upper
77 100
97 0.0 11.4 34.2#



#31
Cyclohexane
Concen: 1.180 ug/l
RT: 8.010 min Scan# 1041
Delta R.T. -0.012 min
Lab File: VN072998.D
Acq: 22 Jun 2022 02:51

Tgt Ion: 56 Resp: 7321
Ion Ratio Lower Upper
56 100
69 188.6 27.8 41.8#
84 130.5 76.9 115.3#





#33

1,2-Dichloroethane-d4

Concen: 43.748 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN072998.D

Acq: 22 Jun 2022 02:51

Instrument :

MSVOA_N

ClientSampleId :

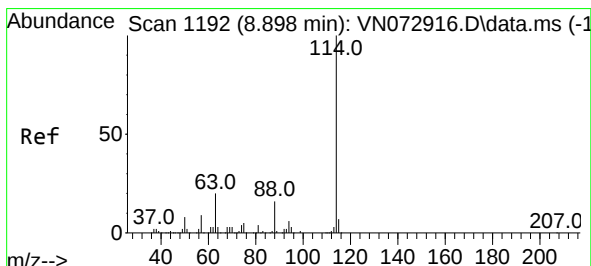
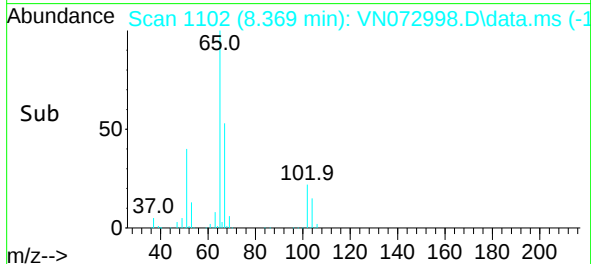
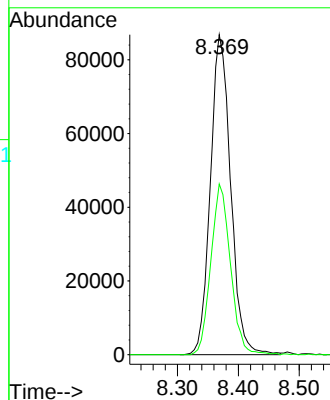
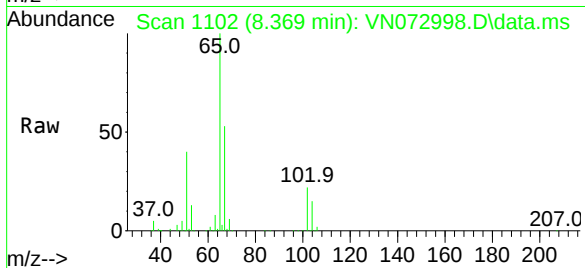
VN0621WBL02

Tgt Ion: 65 Resp: 200633

Ion Ratio Lower Upper

65 100

67 51.6 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: VN072998.D

Acq: 22 Jun 2022 02:51

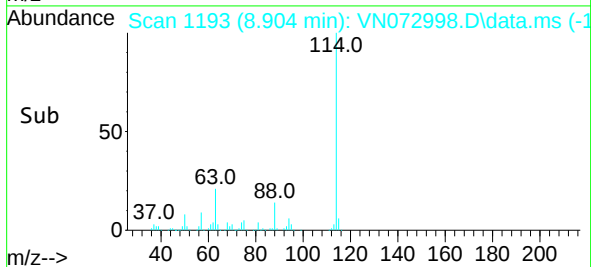
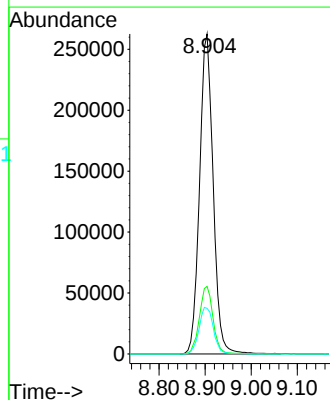
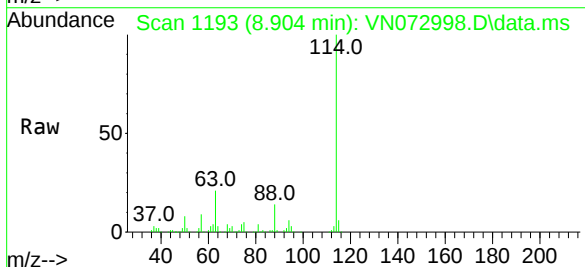
Tgt Ion: 114 Resp: 539411

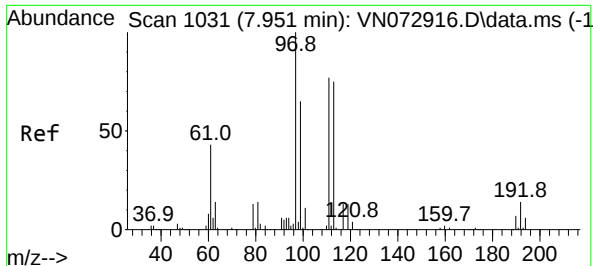
Ion Ratio Lower Upper

114 100

63 21.1 0.0 40.0

88 14.2 0.0 32.6

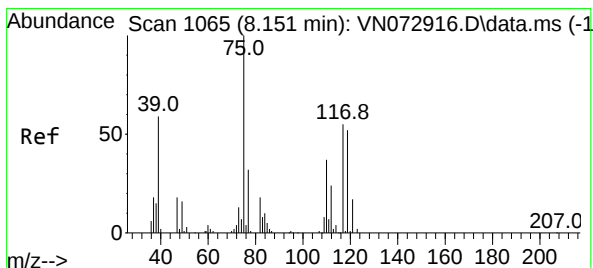
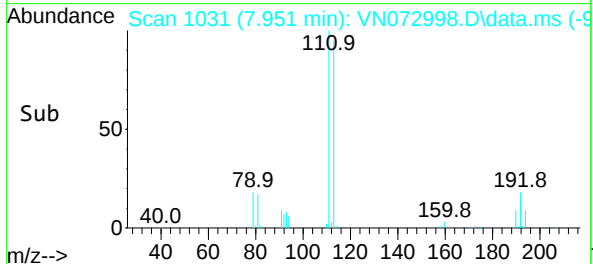
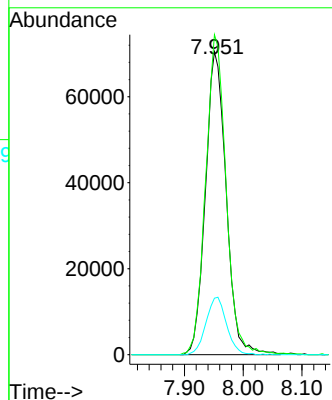
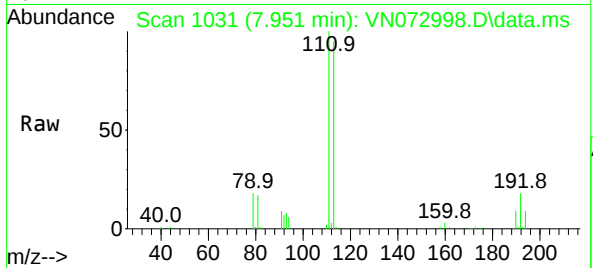




#35
Dibromofluoromethane
Concen: 51.740 ug/l
RT: 7.951 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN072998.D
Acq: 22 Jun 2022 02:51

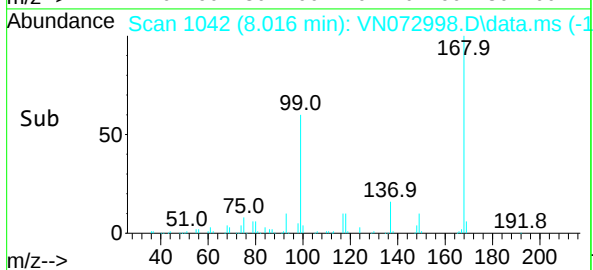
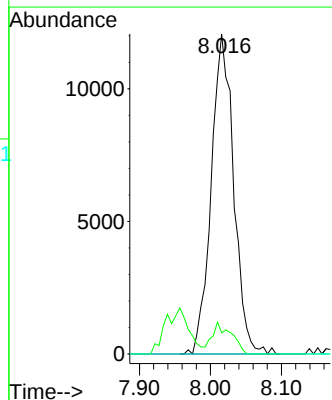
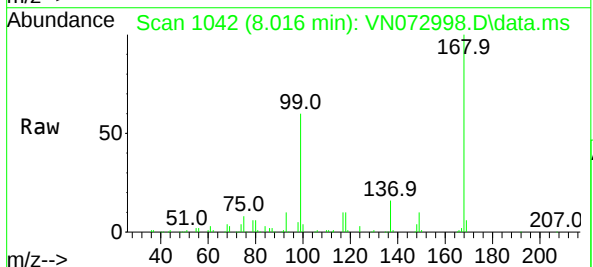
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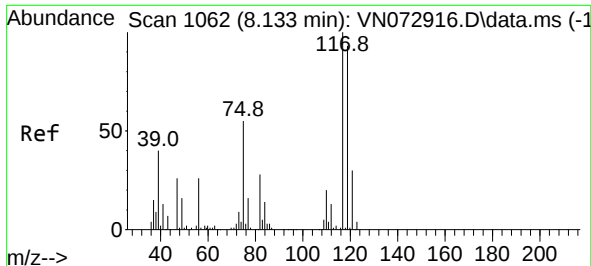
Tgt Ion:113 Resp: 172504
Ion Ratio Lower Upper
113 100
111 104.4 81.4 122.0
192 18.8 17.0 25.6



#36
1,1-Dichloropropene
Concen: 5.871 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.135 min
Lab File: VN072998.D
Acq: 22 Jun 2022 02:51

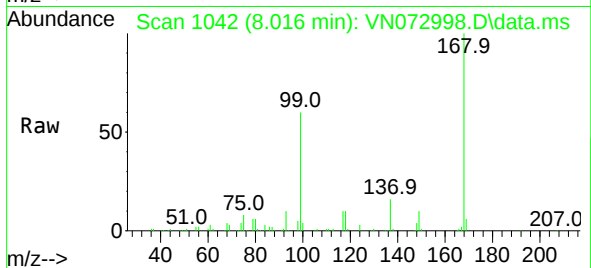
Tgt Ion: 75 Resp: 26484
Ion Ratio Lower Upper
75 100
110 8.4 18.3 54.8#
77 0.0 25.1 37.7#



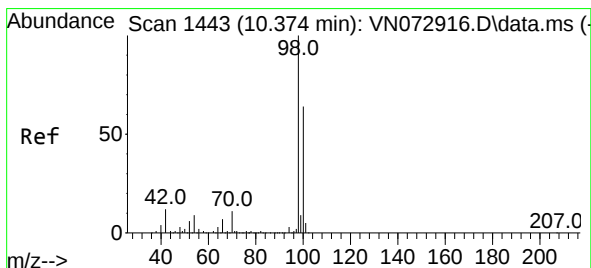
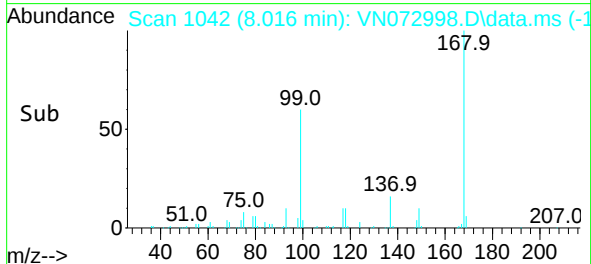
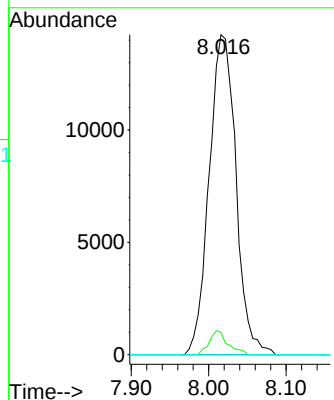


#38
Carbon Tetrachloride
Concen: 7.225 ug/l
RT: 8.016 min Scan# 1062
Delta R.T. -0.118 min
Lab File: VN072998.D
Acq: 22 Jun 2022 02:51

Instrument :
MSVOA_N
ClientSampleId :
VN0621WBL02

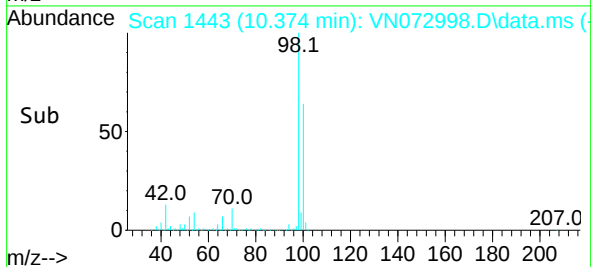
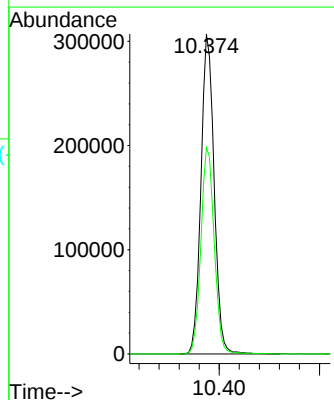
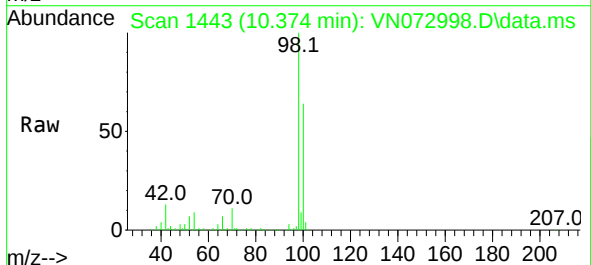


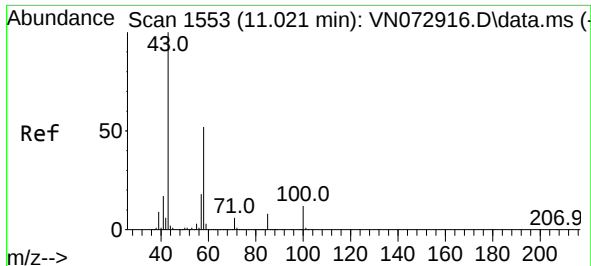
Tgt Ion:117 Resp: 34283
Ion Ratio Lower Upper
117 100
119 6.9 75.8 113.8#
121 0.0 24.6 37.0#



#50
Toluene-d8
Concen: 45.044 ug/l
RT: 10.374 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN072998.D
Acq: 22 Jun 2022 02:51

Tgt Ion: 98 Resp: 558823
Ion Ratio Lower Upper
98 100
100 65.6 52.6 78.8

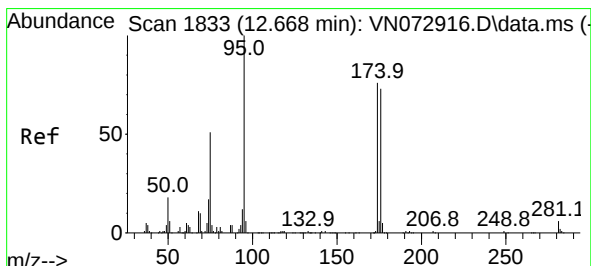
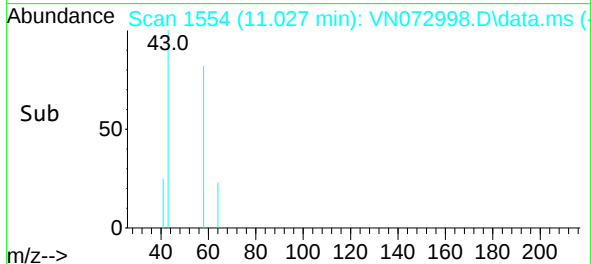
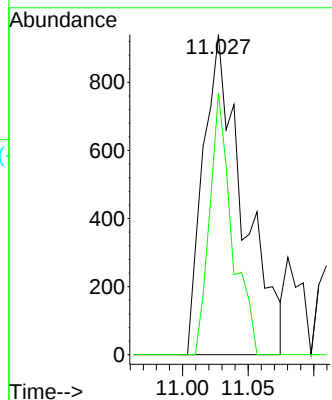
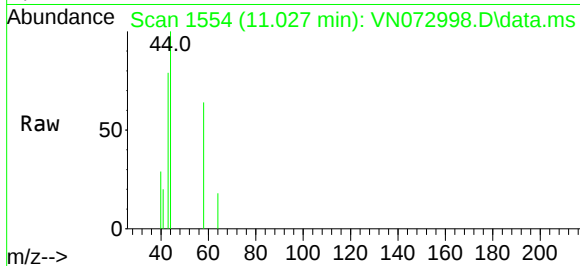




#59
2-Hexanone
Concen: 0.383 ug/l
RT: 11.027 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN072998.D
Acq: 22 Jun 2022 02:51

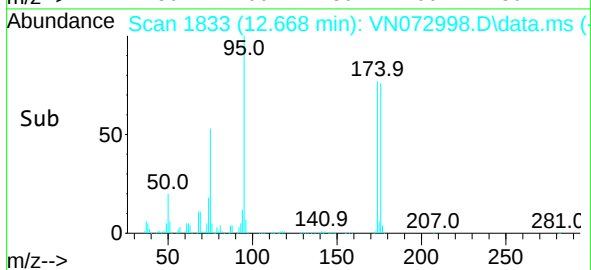
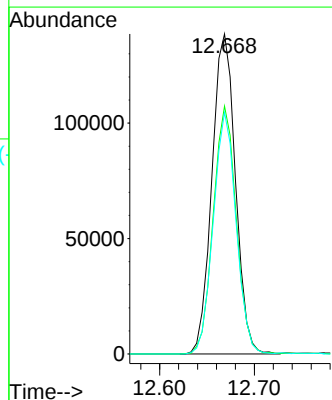
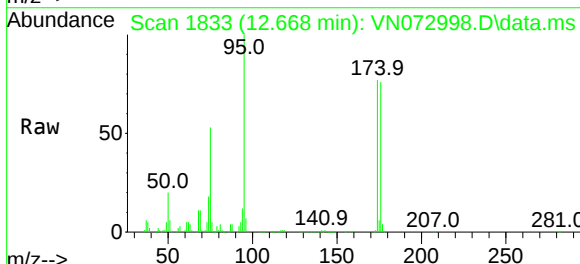
Instrument :
MSVOA_N
ClientSampleId :
VN0621WBL02

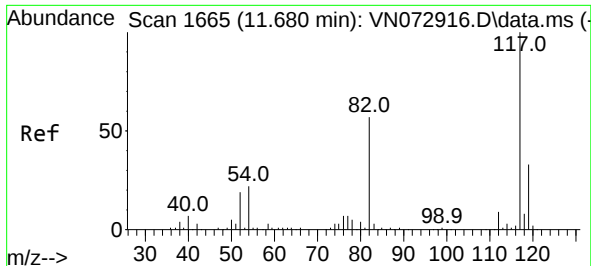
Tgt Ion: 43 Resp: 1993
Ion Ratio Lower Upper
43 100
58 45.9 29.7 89.1



#62
4-Bromofluorobenzene
Concen: 53.505 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN072998.D
Acq: 22 Jun 2022 02:51

Tgt Ion: 95 Resp: 238690
Ion Ratio Lower Upper
95 100
174 75.8 0.0 167.6
176 73.2 0.0 163.4

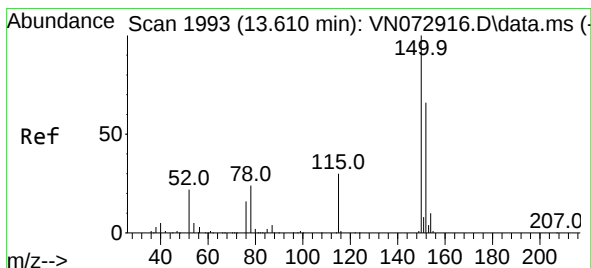
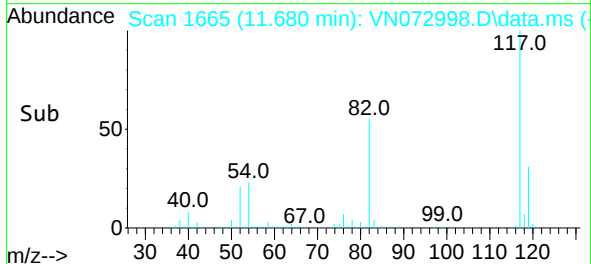
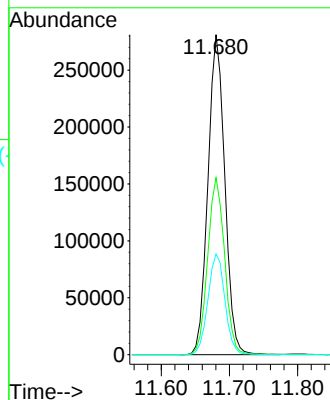
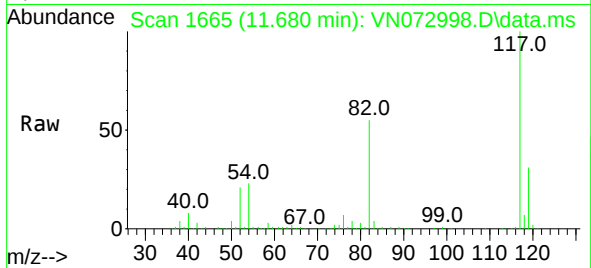




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN072998.D
Acq: 22 Jun 2022 02:51

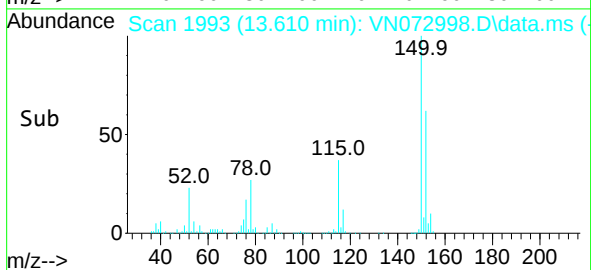
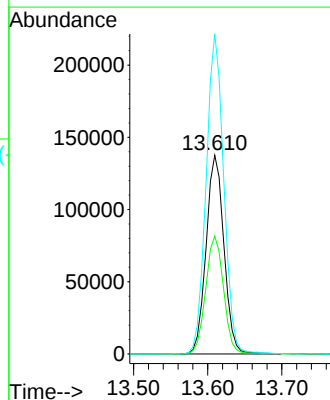
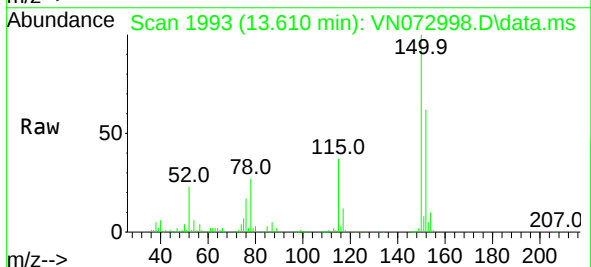
Instrument :
MSVOA_N
ClientSampleId :
VN0621WBL02

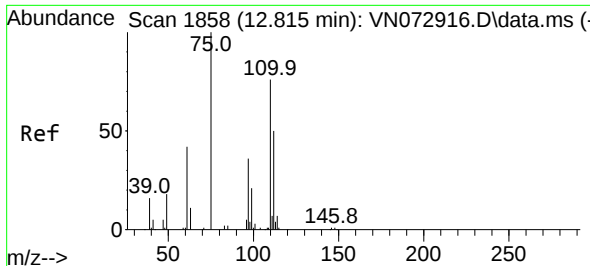
Tgt Ion:117 Resp: 483798
Ion Ratio Lower Upper
117 100
82 55.3 44.2 66.2
119 31.5 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. -0.000 min
Lab File: VN072998.D
Acq: 22 Jun 2022 02:51

Tgt Ion:152 Resp: 230491
Ion Ratio Lower Upper
152 100
115 59.5 28.9 86.7
150 159.3 0.0 356.2

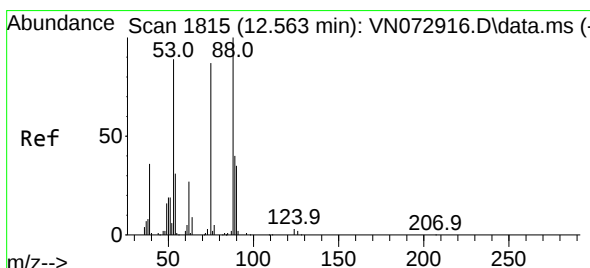
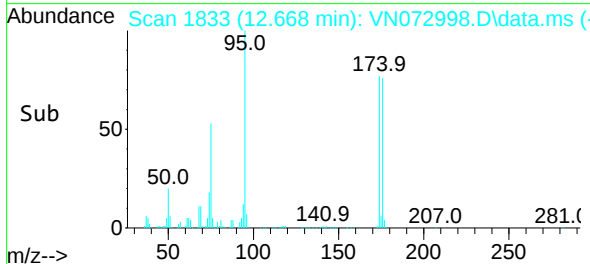
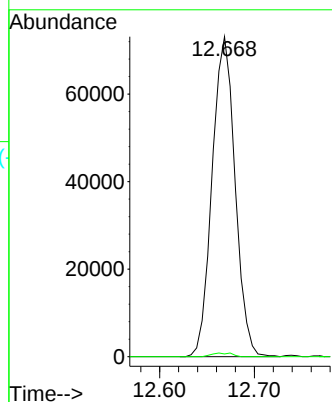
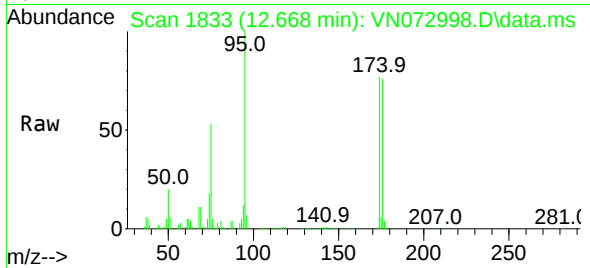




#76
1,2,3-Trichloropropane
Concen: 22.033 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.147 min
Lab File: VN072998.D
Acq: 22 Jun 2022 02:51

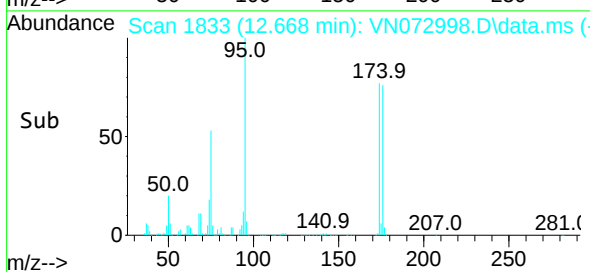
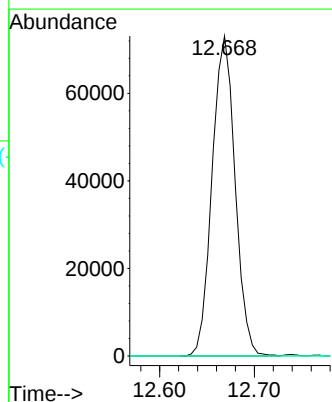
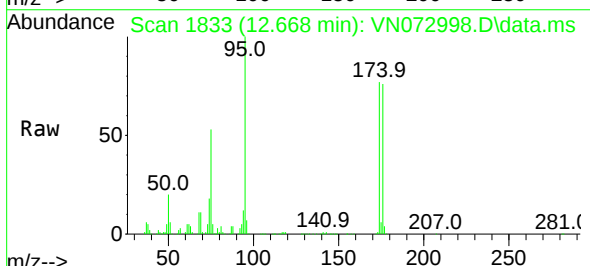
Instrument :
MSVOA_N
ClientSampleId :
VN0621WBL02

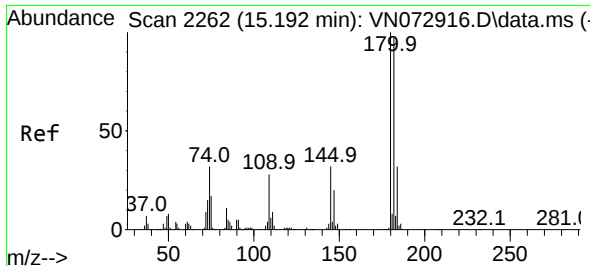
Tgt Ion: 75 Resp: 123124
Ion Ratio Lower Upper
75 100
77 1.0 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 59.502 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. 0.106 min
Lab File: VN072998.D
Acq: 22 Jun 2022 02:51

Tgt Ion: 75 Resp: 123124
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#

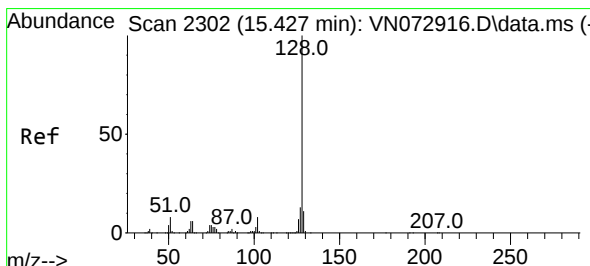
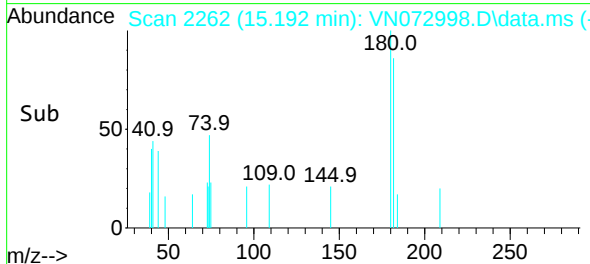
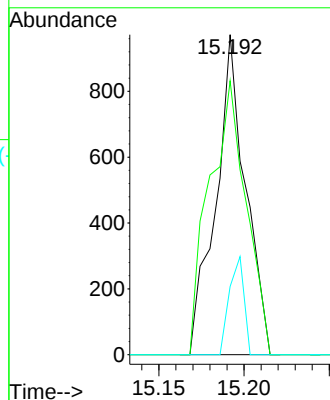
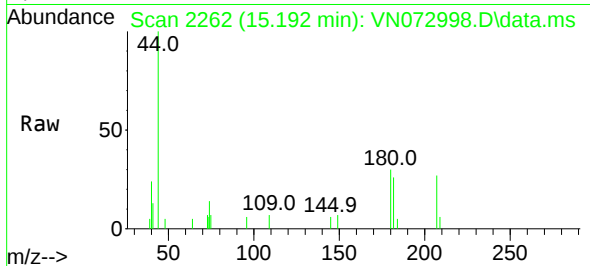




#93
1,2,4-Trichlorobenzene
Concen: 0.269 ug/l
RT: 15.192 min Scan# 211
Delta R.T. -0.000 min
Lab File: VN072998.D
Acq: 22 Jun 2022 02:51

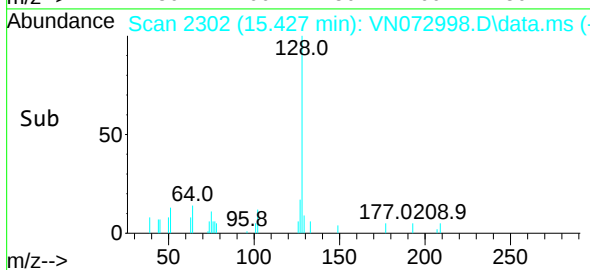
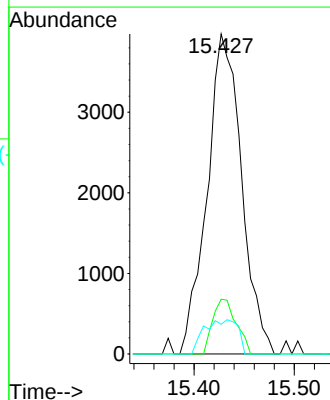
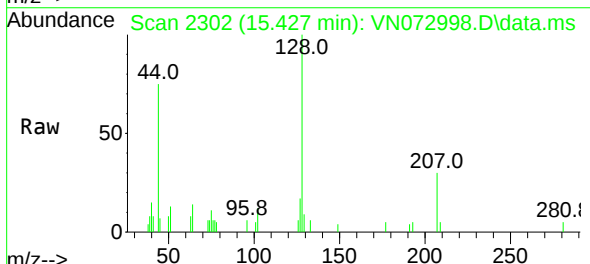
Instrument :
MSVOA_N
ClientSampleId :
VN0621WBL02

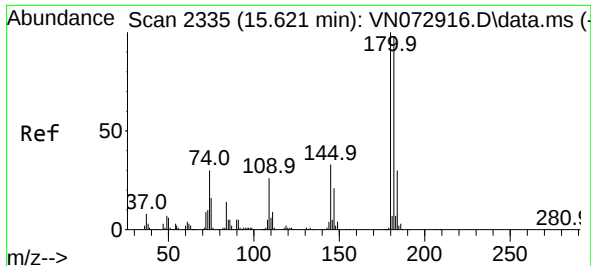
Tgt Ion:	180	Resp:	1184
Ion	Ratio	Lower	Upper
180	100		
182	105.3	47.5	142.5
145	15.0	14.5	43.5



#95
Naphthalene
Concen: 0.532 ug/l
RT: 15.427 min Scan# 2302
Delta R.T. -0.000 min
Lab File: VN072998.D
Acq: 22 Jun 2022 02:51

Tgt Ion:	128	Resp:	9481
Ion	Ratio	Lower	Upper
128	100		
127	11.7	10.3	15.5
129	10.4	8.6	13.0





#96

1,2,3-Trichlorobenzene

Concen: 0.409 ug/l

RT: 15.627 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN072998.D

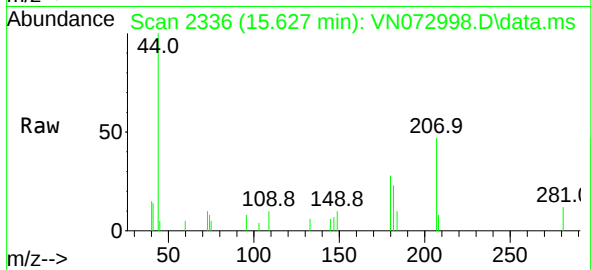
Acq: 22 Jun 2022 02:51

Instrument :

MSVOA_N

ClientSampleId :

VN0621WBL02



Tgt Ion:180 Resp: 1921

Ion Ratio Lower Upper

180 100

182 82.4 47.8 143.3

145 15.5 15.5 46.5

