

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061622\
 Data File : VN072889.D
 Acq On : 16 Jun 2022 19:37
 Operator : JC\MD
 Sample : VN0616MBL01
 Misc : 5.0g/5.00mL/100uL/5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 17 06:06:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061622W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 17 06:04:26 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

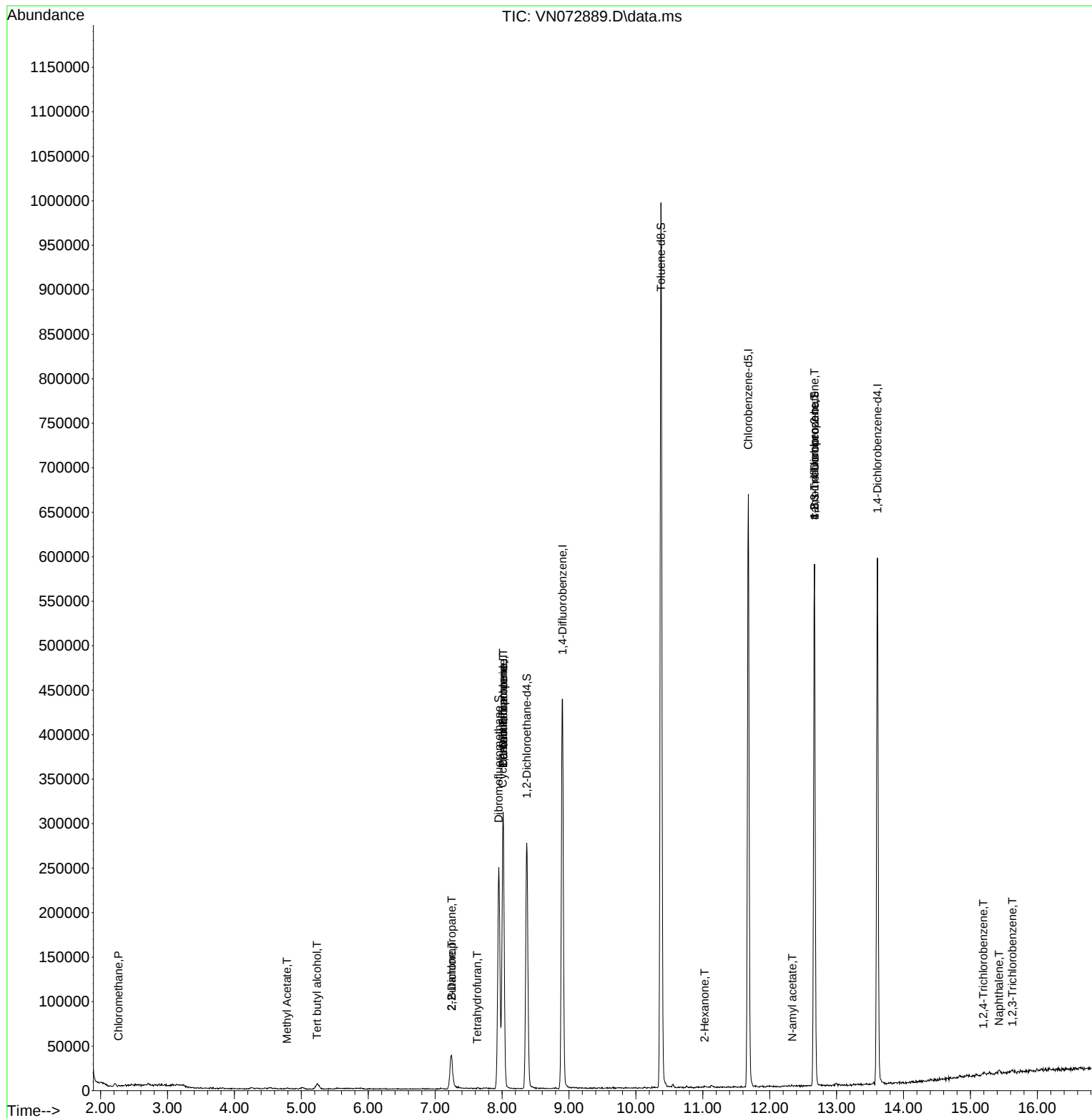
Internal Standards						
1) Pentafluorobenzene	8.016	168	244086	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	407349	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	396856	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	166938	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	232013	51.449	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	= 102.900%		
35) Dibromofluoromethane	7.951	113	182631	49.357	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	= 98.720%		
50) Toluene-d8	10.374	98	699073	48.267	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	= 96.540%		
62) 4-Bromofluorobenzene	12.668	95	212985	42.391	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	= 84.780%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.269	50	914	0.234	ug/l #	88
11) Tert butyl alcohol	5.234	59	5733	4.883	ug/l #	72
13) Acrolein	3.987	56	54	Below Cal	#	16
18) Methyl Acetate	4.787	43	2009	0.310	ug/l #	53
25) 2-Butanone	7.245	43	2652	0.732	ug/l #	77
26) 2,2-Dichloropropane	7.245	77	2881	0.478	ug/l #	53
29) Tetrahydrofuran	7.628	42	710	0.295	ug/l #	56
31) Cyclohexane	8.010	56	4811	0.796	ug/l #	16
36) 1,1-Dichloropropene	8.016	75	17995	3.561	ug/l #	48
38) Carbon Tetrachloride	8.016	117	22998	4.227	ug/l #	17
59) 2-Hexanone	11.027	43	1843	0.337	ug/l	74
74) N-amyl acetate	12.339	43	1559	0.228	ug/l #	44
76) 1,2,3-Trichloropropane	12.668	75	104963	21.153	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.668	75	104963	60.248	ug/l #	10
92) 1,2-Dibromo-3-Chloropr...	14.545	75	323	Below Cal	#	7
93) 1,2,4-Trichlorobenzene	15.192	180	664	0.217	ug/l #	83
95) Naphthalene	15.427	128	3626	0.343	ug/l #	90
96) 1,2,3-Trichlorobenzene	15.627	180	998	0.328	ug/l	89

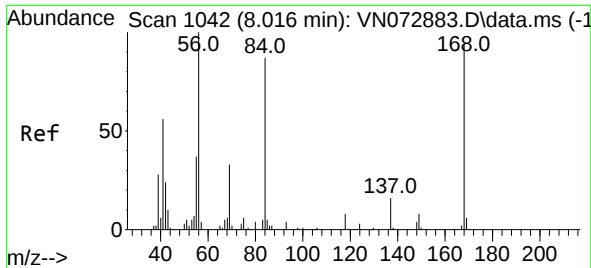
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061622\
Data File : VN072889.D
Acq On : 16 Jun 2022 19:37
Operator : JC\MD
Sample : VN0616MBL01
Misc : 5.0g/5.00mL/100uL/5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Jun 17 06:06:13 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061622W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 17 06:04:26 2022
Response via : Initial Calibration

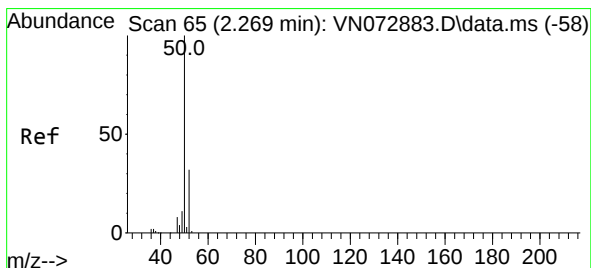
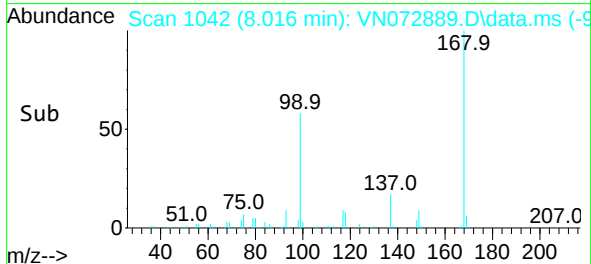
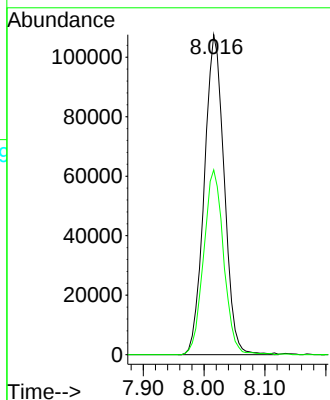
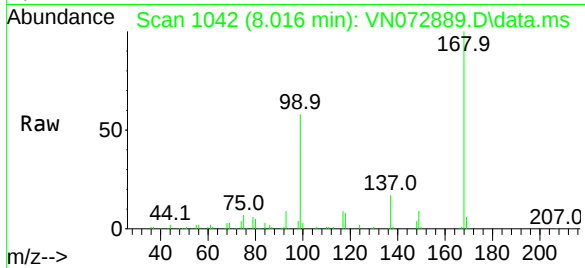




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN072889.D
Acq: 16 Jun 2022 19:37

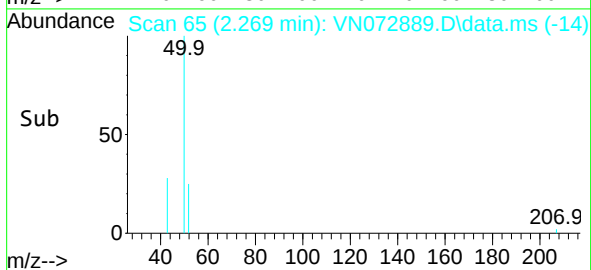
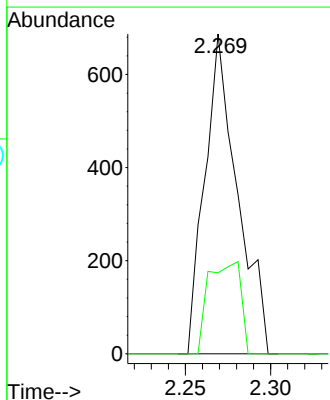
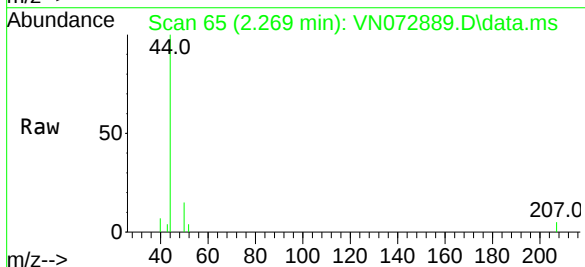
Instrument :
MSVOA_N
ClientSampleId :

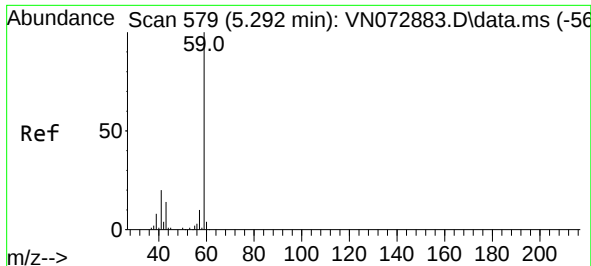
Tgt Ion:168 Resp: 244086
Ion Ratio Lower Upper
168 100
99 57.7 42.3 63.5



#3
Chloromethane
Concen: 0.234 ug/l
RT: 2.269 min Scan# 65
Delta R.T. 0.000 min
Lab File: VN072889.D
Acq: 16 Jun 2022 19:37

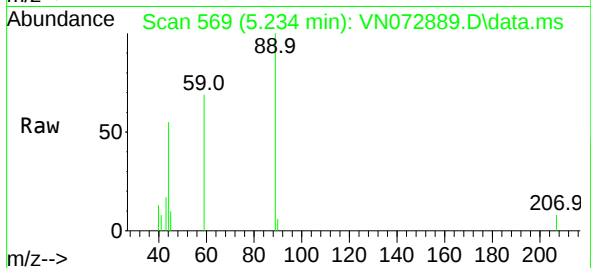
Tgt Ion: 50 Resp: 914
Ion Ratio Lower Upper
50 100
52 25.3 25.7 38.5#



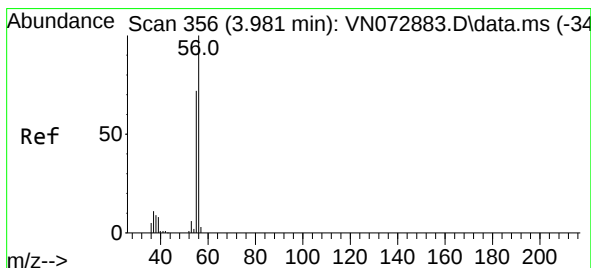
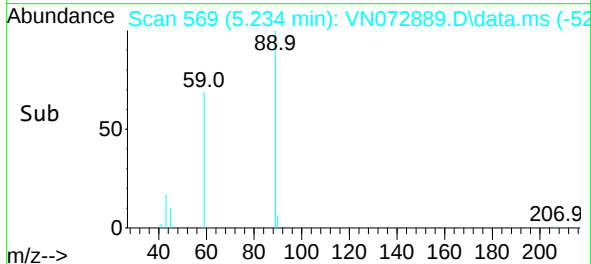
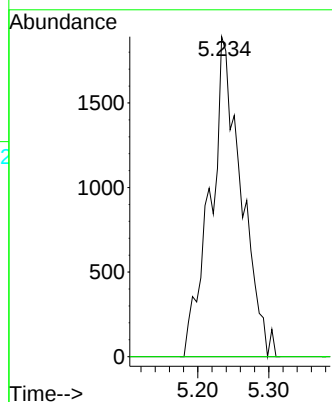


#11
Tert butyl alcohol
Concen: 4.883 ug/l
RT: 5.234 min Scan# 51
Delta R.T. -0.059 min
Lab File: VN072889.D
Acq: 16 Jun 2022 19:37

Instrument :
MSVOA_N
ClientSampleId :

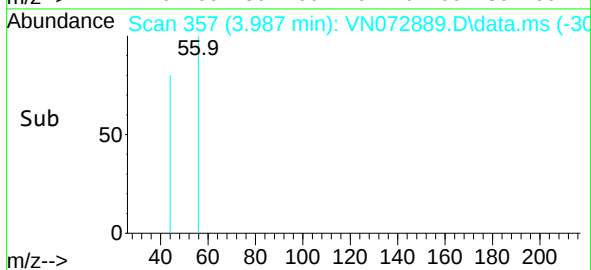
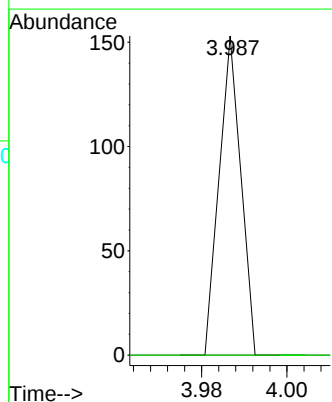
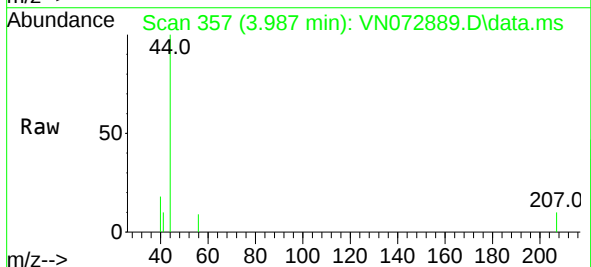


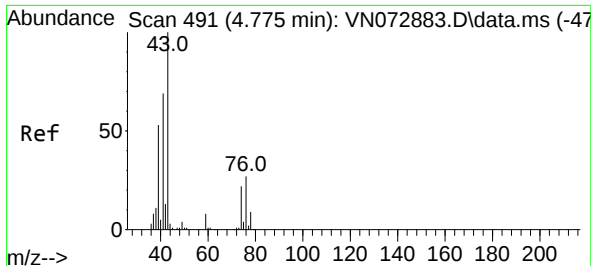
Tgt Ion: 59 Resp: 5733
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#13
Acrolein
Concen: Below Cal
RT: 3.987 min Scan# 357
Delta R.T. 0.006 min
Lab File: VN072889.D
Acq: 16 Jun 2022 19:37

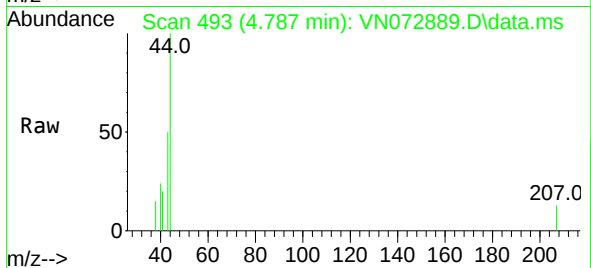
Tgt Ion: 56 Resp: 54
Ion Ratio Lower Upper
56 100
55 0.0 54.8 82.2#



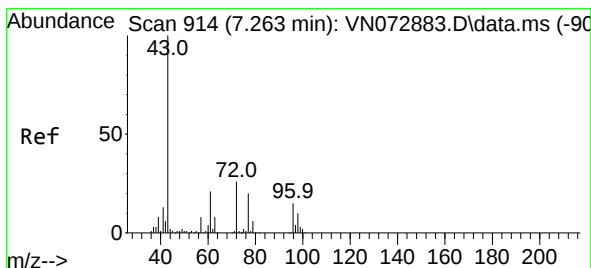
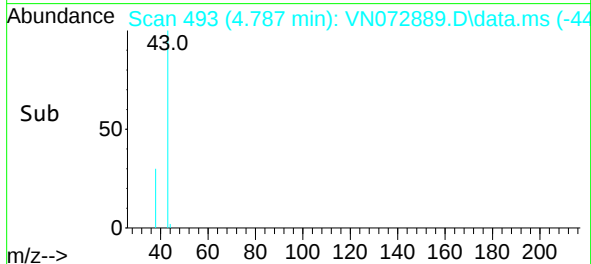
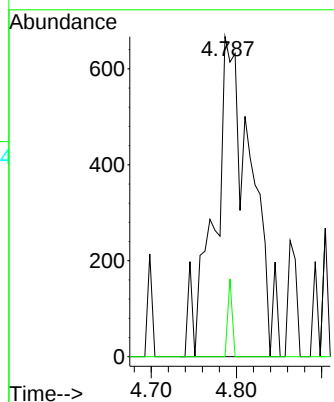


#18
Methyl Acetate
Concen: 0.310 ug/l
RT: 4.787 min Scan# 491
Delta R.T. 0.012 min
Lab File: VN072889.D
Acq: 16 Jun 2022 19:37

Instrument :
MSVOA_N
ClientSampleId :

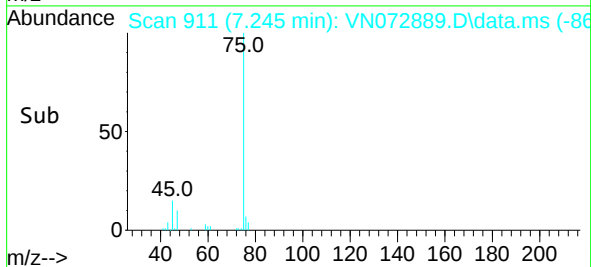
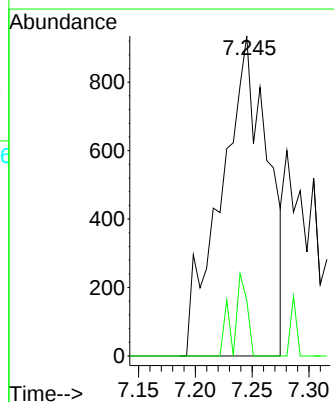
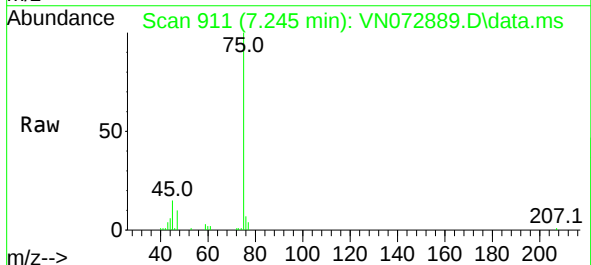


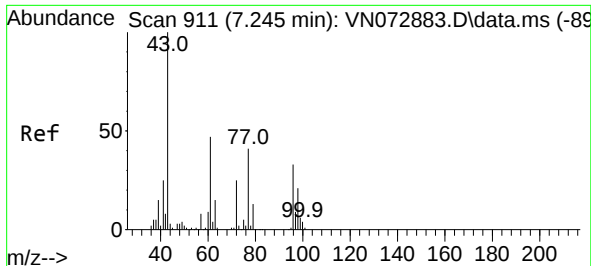
Tgt Ion: 43 Resp: 2009
Ion Ratio Lower Upper
43 100
74 2.8 21.6 32.4#



#25
2-Butanone
Concen: 0.732 ug/l
RT: 7.245 min Scan# 911
Delta R.T. -0.018 min
Lab File: VN072889.D
Acq: 16 Jun 2022 19:37

Tgt Ion: 43 Resp: 2652
Ion Ratio Lower Upper
43 100
72 17.4 23.7 35.5#

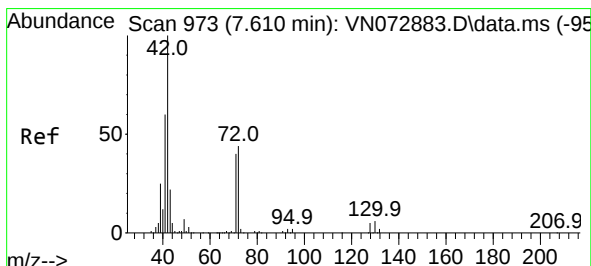
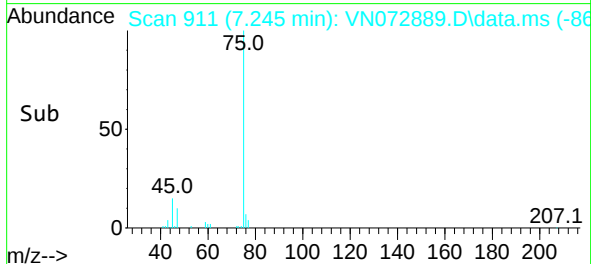
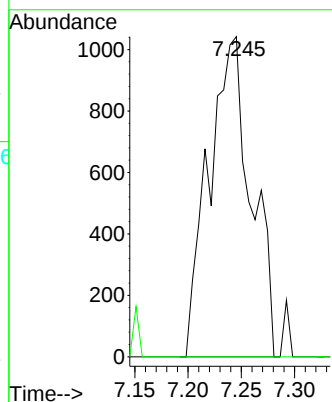
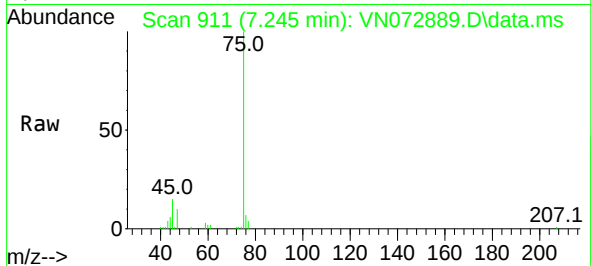




#26
2,2-Dichloropropane
Concen: 0.478 ug/l
RT: 7.245 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN072889.D
Acq: 16 Jun 2022 19:37

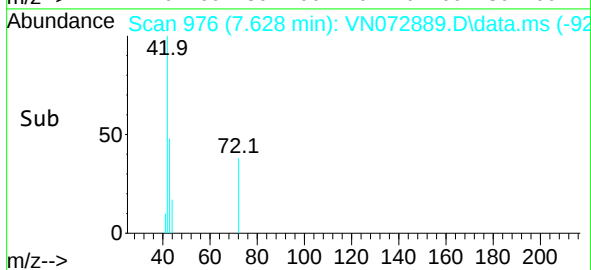
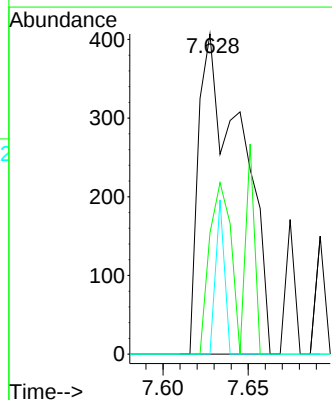
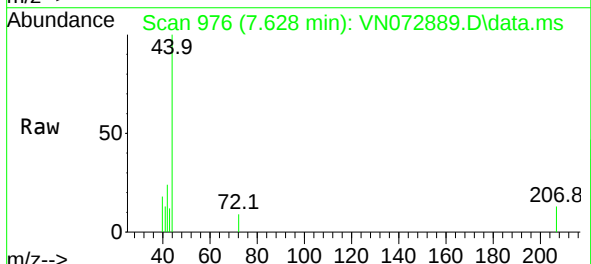
Instrument :
MSVOA_N
ClientSampleId :

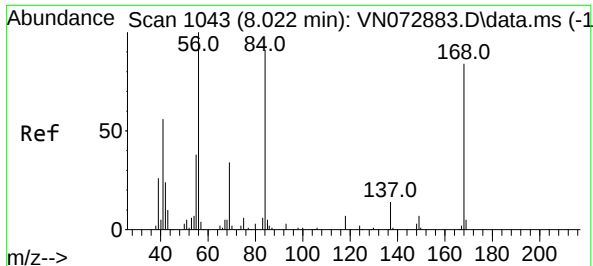
Tgt Ion: 77 Resp: 2881
Ion Ratio Lower Upper
77 100
97 0.0 11.4 34.2#



#29
Tetrahydrofuran
Concen: 0.295 ug/l
RT: 7.628 min Scan# 976
Delta R.T. 0.018 min
Lab File: VN072889.D
Acq: 16 Jun 2022 19:37

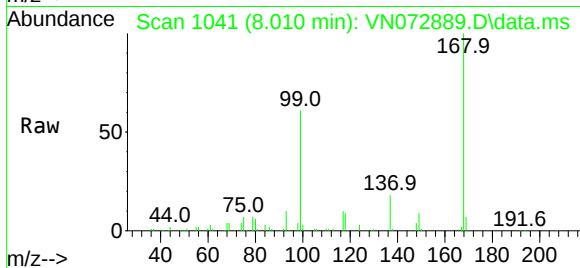
Tgt Ion: 42 Resp: 710
Ion Ratio Lower Upper
42 100
72 26.8 39.7 59.5#
71 9.7 36.6 55.0#



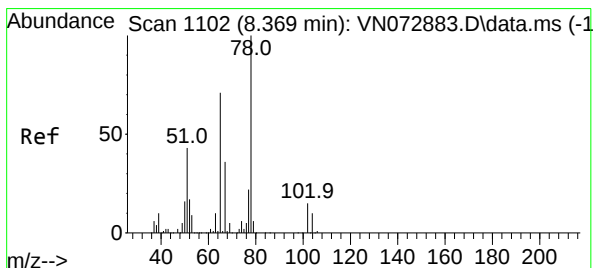
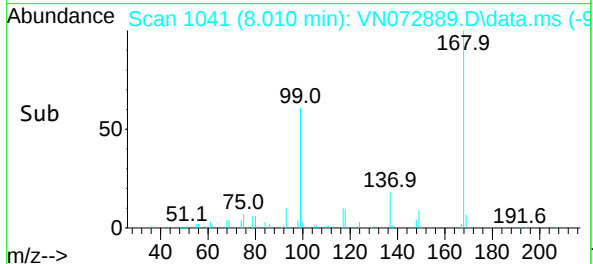
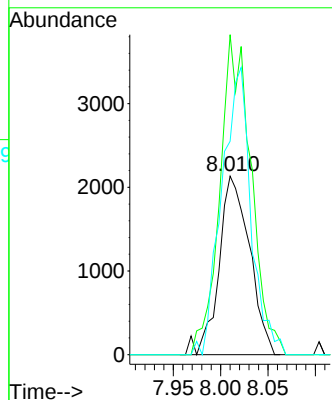


#31
Cyclohexane
Concen: 0.796 ug/l
RT: 8.010 min Scan# 1041
Delta R.T. -0.012 min
Lab File: VN072889.D
Acq: 16 Jun 2022 19:37

Instrument :
MSVOA_N
ClientSampleId :

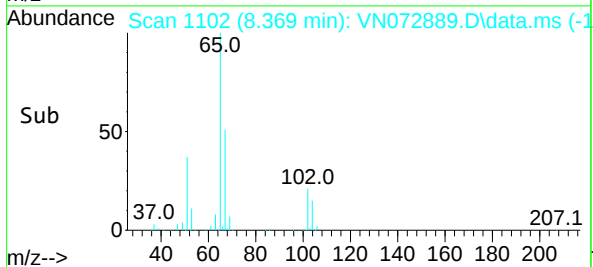
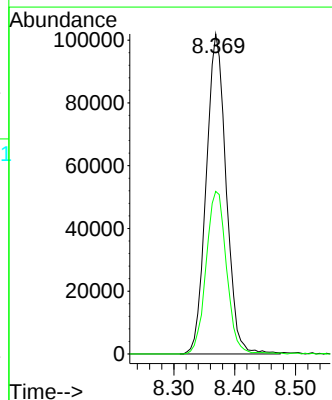
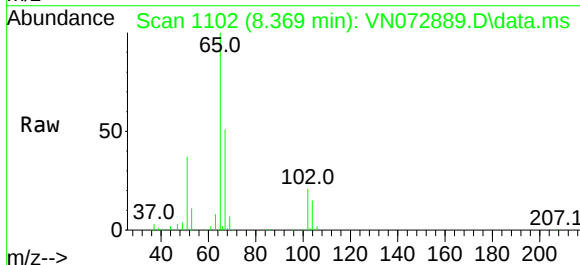


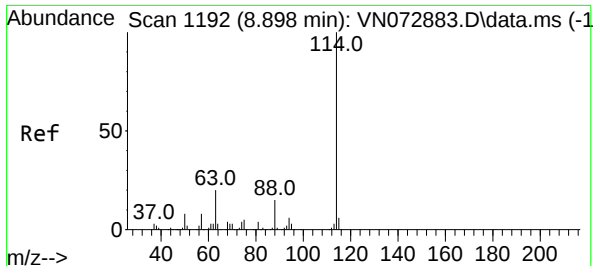
Tgt Ion: 56 Resp: 4811
Ion Ratio Lower Upper
56 100
69 179.3 27.8 41.8#
84 119.6 76.9 115.3#



#33
1,2-Dichloroethane-d4
Concen: 51.449 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VN072889.D
Acq: 16 Jun 2022 19:37

Tgt Ion: 65 Resp: 232013
Ion Ratio Lower Upper
65 100
67 52.1 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1192

Delta R.T. 0.006 min

Lab File: VN072889.D

Acq: 16 Jun 2022 19:37

Instrument :

MSVOA_N

ClientSampleId :

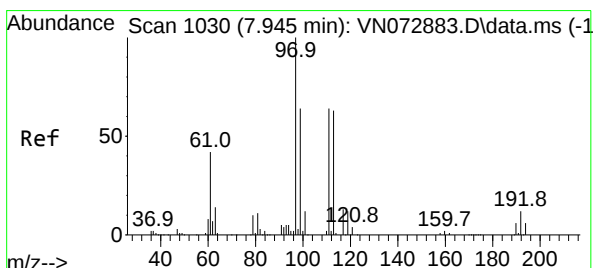
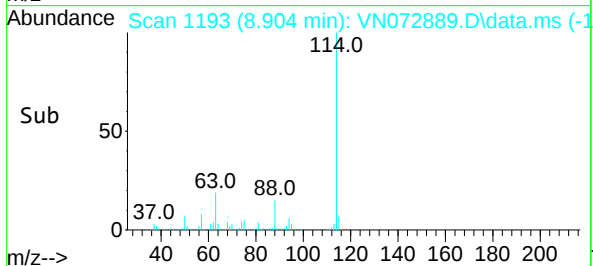
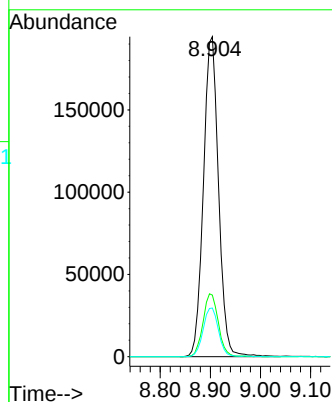
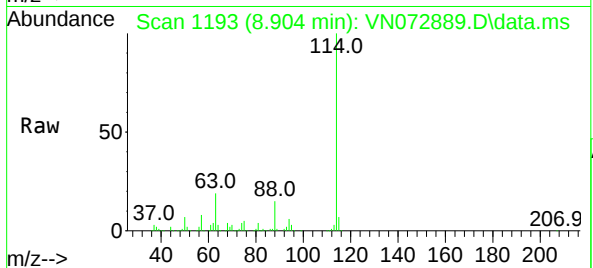
Tgt Ion:114 Resp: 407349

Ion Ratio Lower Upper

114 100

63 19.2 0.0 40.0

88 15.2 0.0 32.6



#35

Dibromofluoromethane

Concen: 49.357 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.006 min

Lab File: VN072889.D

Acq: 16 Jun 2022 19:37

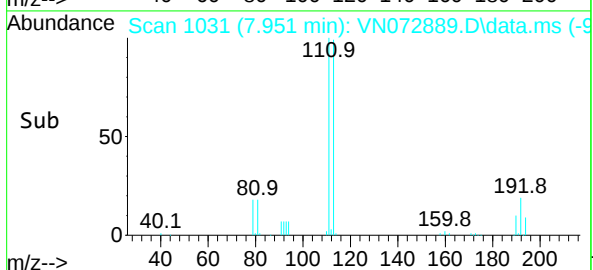
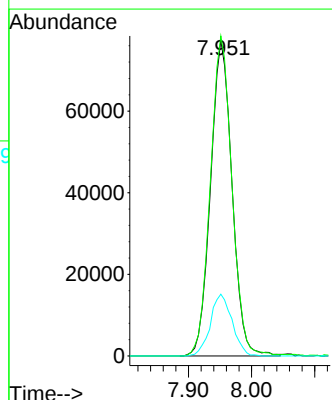
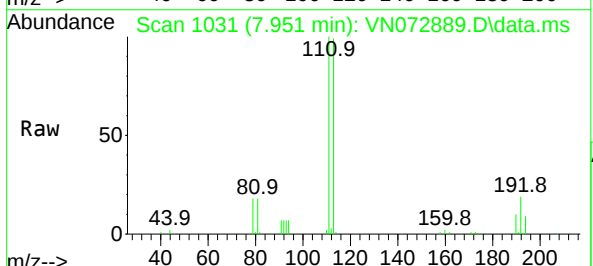
Tgt Ion:113 Resp: 182631

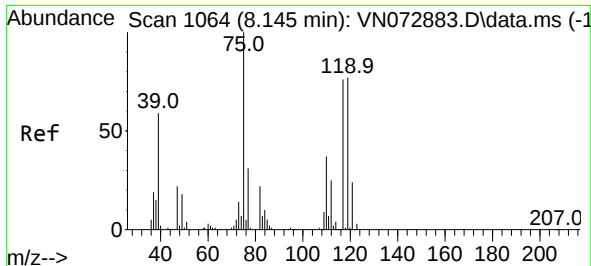
Ion Ratio Lower Upper

113 100

111 101.9 81.4 122.0

192 19.8 17.0 25.6





#36

1,1-Dichloropropene

Concen: 3.561 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.129 min

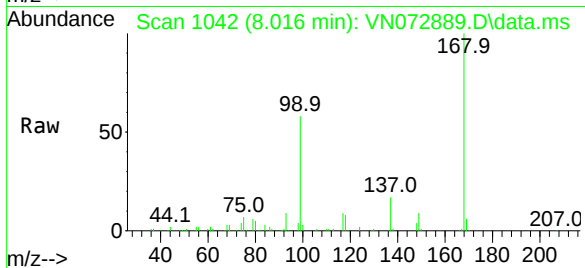
Lab File: VN072889.D

Acq: 16 Jun 2022 19:37

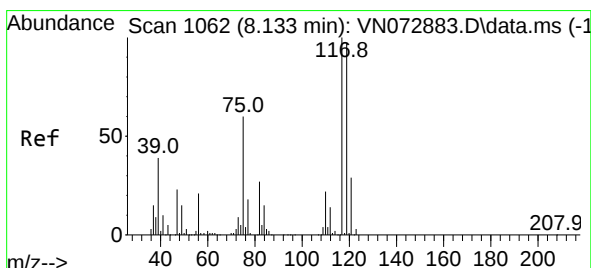
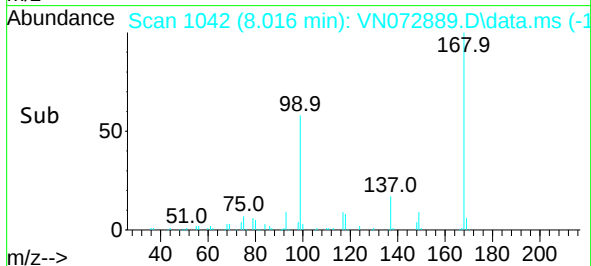
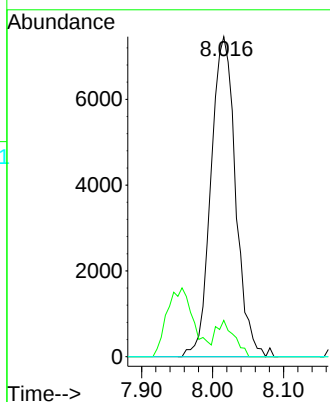
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	75	Resp:	17995
Ion Ratio	Lower	Upper	
75	100		
110	8.2	18.3	54.8#
77	0.0	25.1	37.7#



#38

Carbon Tetrachloride

Concen: 4.227 ug/l

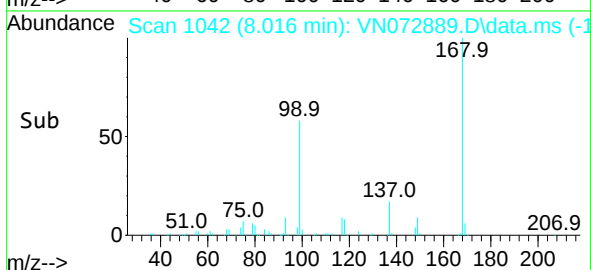
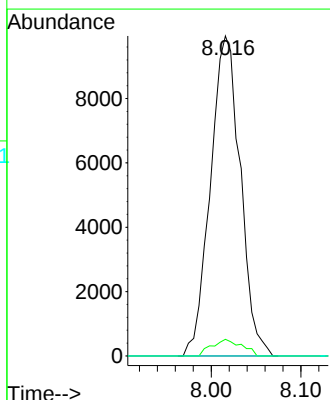
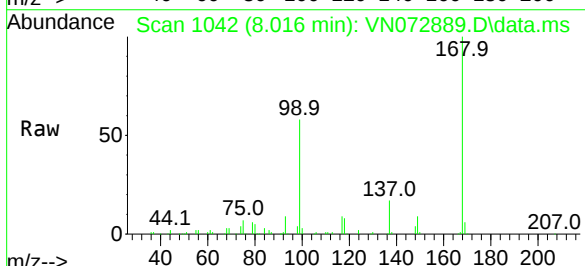
RT: 8.016 min Scan# 1042

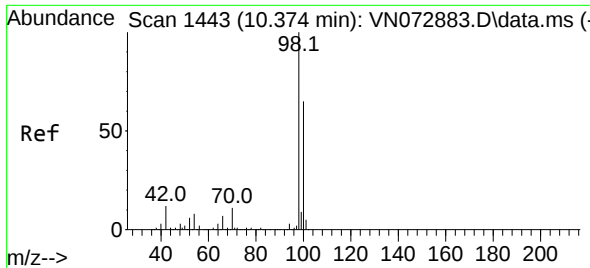
Delta R.T. -0.118 min

Lab File: VN072889.D

Acq: 16 Jun 2022 19:37

Tgt Ion:	117	Resp:	22998
Ion Ratio	Lower	Upper	
117	100		
119	5.2	75.8	113.8#
121	0.0	24.6	37.0#





#50

Toluene-d8

Concen: 48.267 ug/l

RT: 10.374 min Scan# 1443

Delta R.T. 0.000 min

Lab File: VN072889.D

Acq: 16 Jun 2022 19:37

Instrument :

MSVOA_N

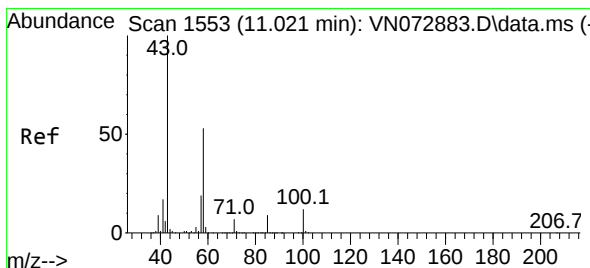
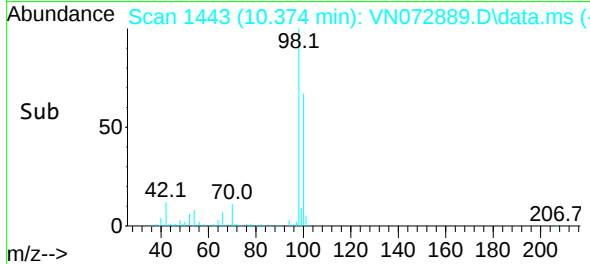
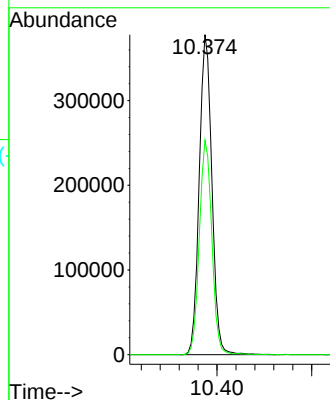
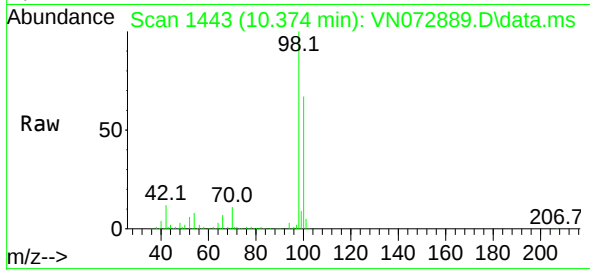
ClientSampleId :

Tgt Ion: 98 Resp: 699073

Ion Ratio Lower Upper

98 100

100 66.3 52.6 78.8



#59

2-Hexanone

Concen: 0.337 ug/l

RT: 11.027 min Scan# 1554

Delta R.T. 0.006 min

Lab File: VN072889.D

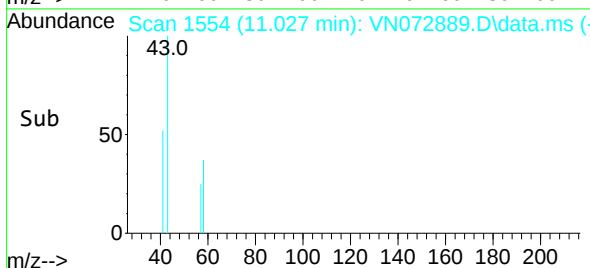
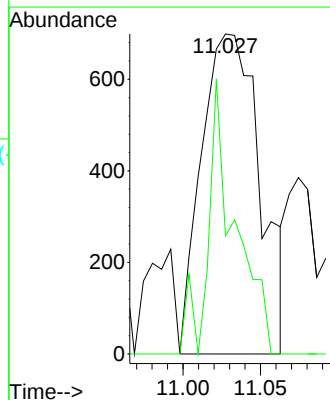
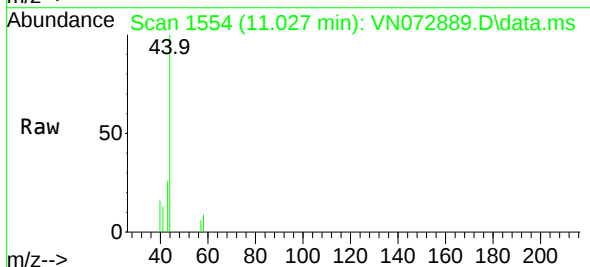
Acq: 16 Jun 2022 19:37

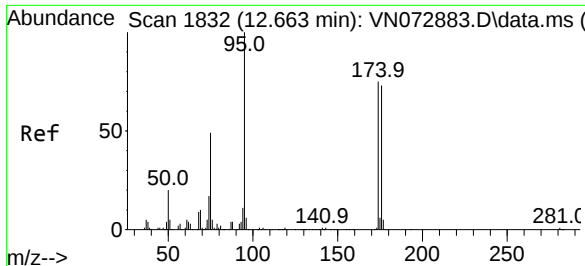
Tgt Ion: 43 Resp: 1843

Ion Ratio Lower Upper

43 100

58 39.7 29.7 89.1

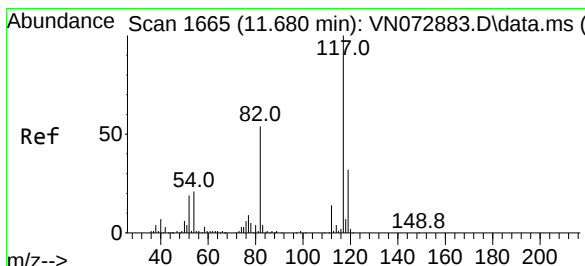
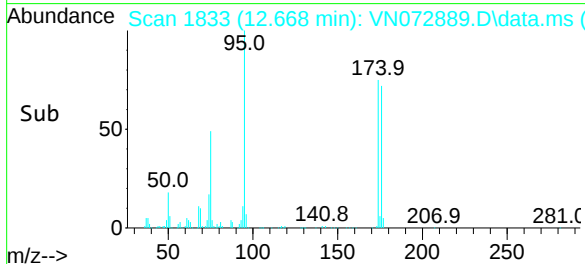
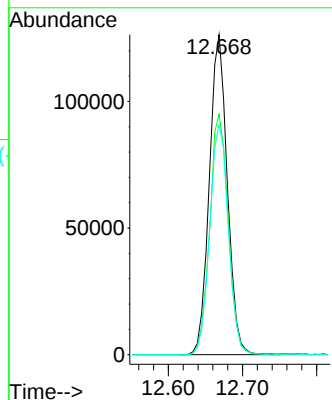
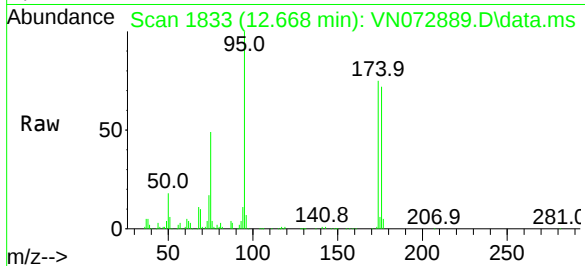




#62
4-Bromofluorobenzene
Concen: 42.391 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. 0.006 min
Lab File: VN072889.D
Acq: 16 Jun 2022 19:37

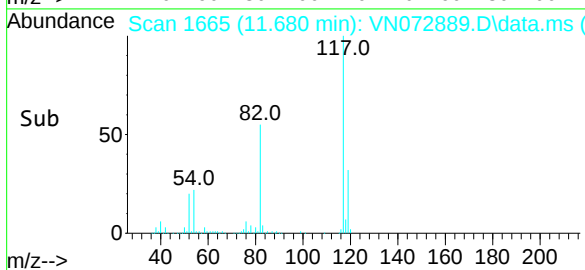
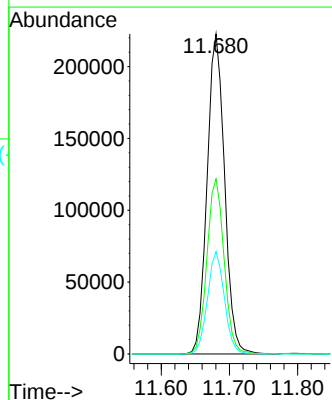
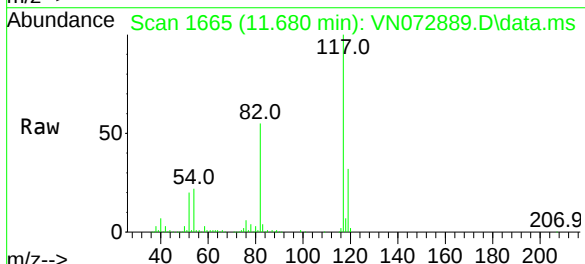
Instrument :
MSVOA_N
ClientSampleId :

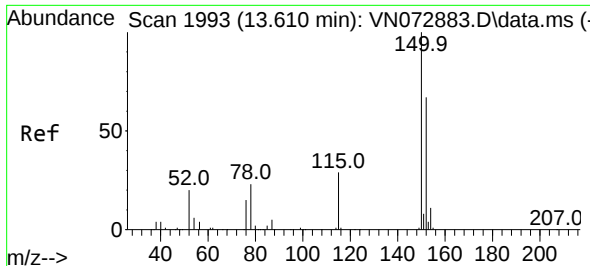
Tgt Ion: 95 Resp: 212985
Ion Ratio Lower Upper
95 100
174 77.4 0.0 167.6
176 74.3 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VN072889.D
Acq: 16 Jun 2022 19:37

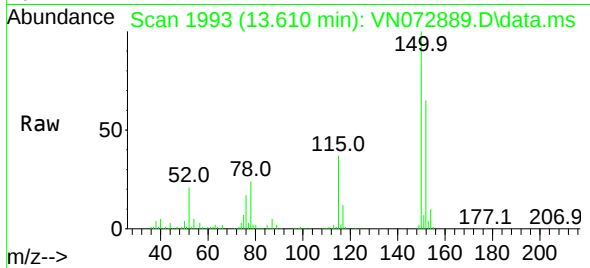
Tgt Ion: 117 Resp: 396856
Ion Ratio Lower Upper
117 100
82 54.7 44.2 66.2
119 32.0 25.4 38.0



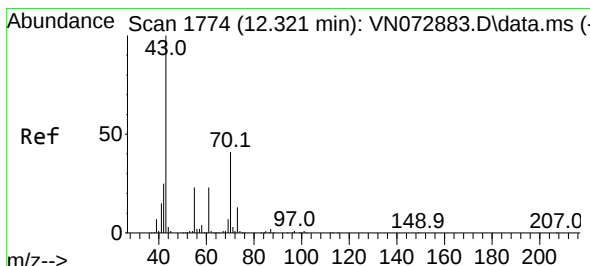
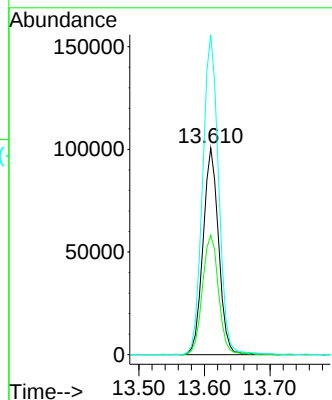
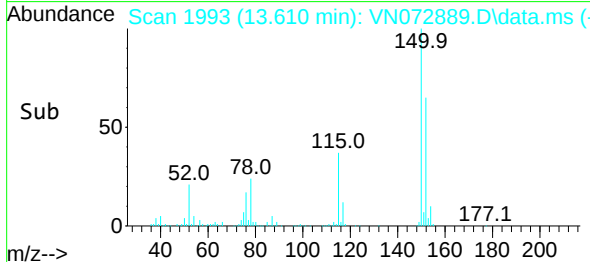


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. 0.000 min
Lab File: VN072889.D
Acq: 16 Jun 2022 19:37

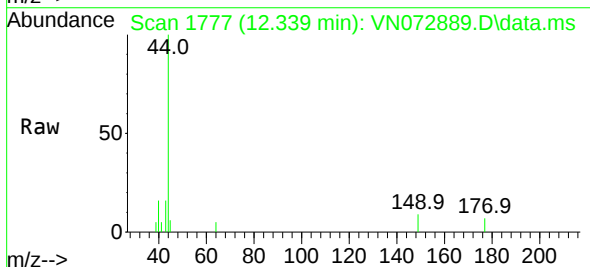
Instrument :
MSVOA_N
ClientSampleId :



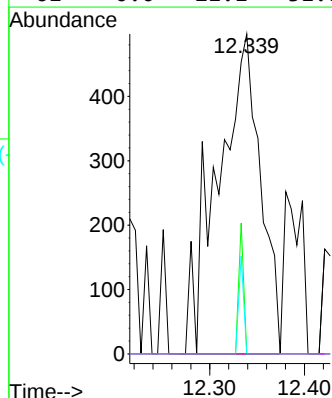
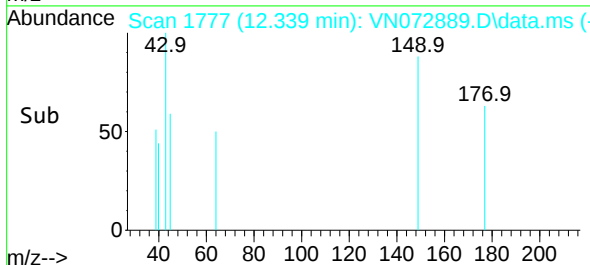
Tgt Ion:152 Resp: 166938
Ion Ratio Lower Upper
152 100
115 59.8 28.9 86.7
150 158.9 0.0 356.2

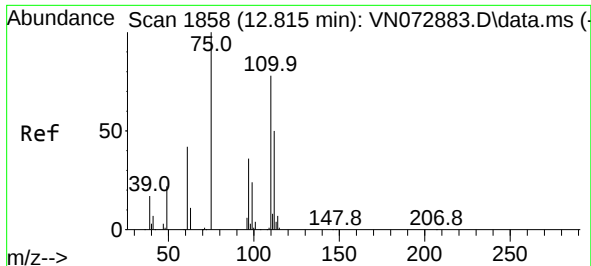


#74
N-ethyl acetate
Concen: 0.228 ug/l
RT: 12.339 min Scan# 1777
Delta R.T. 0.018 min
Lab File: VN072889.D
Acq: 16 Jun 2022 19:37



Tgt Ion: 43 Resp: 1559
Ion Ratio Lower Upper
43 100
70 4.6 39.0 58.4#
55 3.5 21.1 31.7#
61 0.0 21.1 31.7#

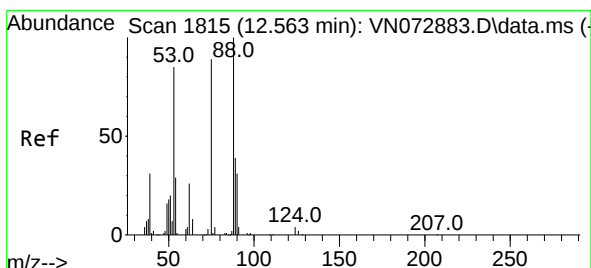
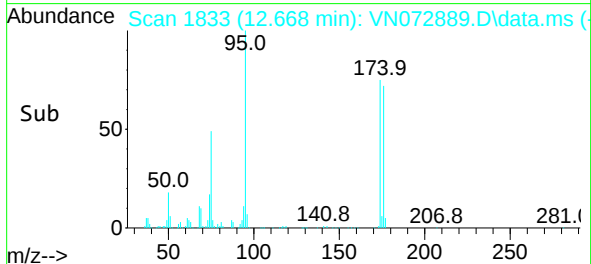
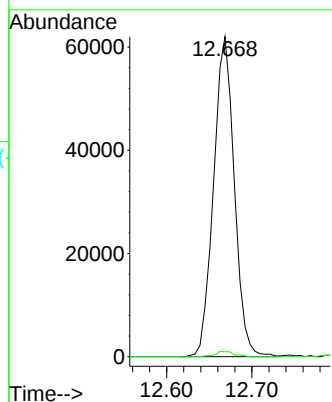
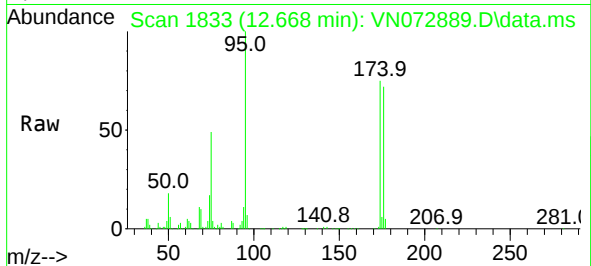




#76
1,2,3-Trichloropropane
Concen: 21.153 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.147 min
Lab File: VN072889.D
Acq: 16 Jun 2022 19:37

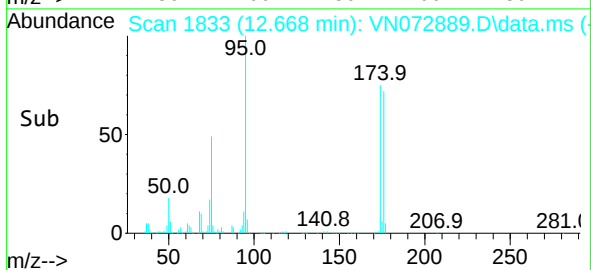
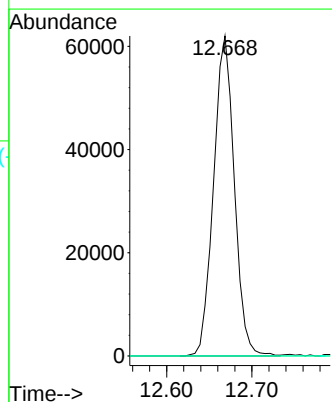
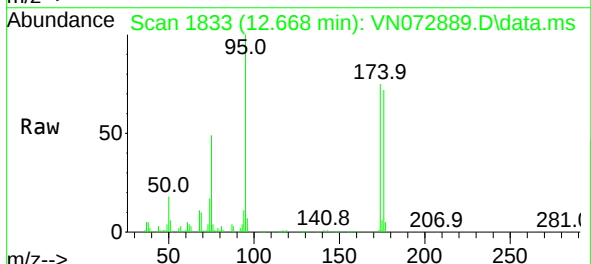
Instrument :
MSVOA_N
ClientSampleId :

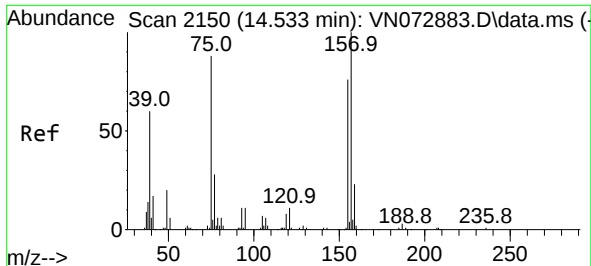
Tgt Ion: 75 Resp: 104963
Ion Ratio Lower Upper
75 100
77 1.5 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 60.248 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. 0.106 min
Lab File: VN072889.D
Acq: 16 Jun 2022 19:37

Tgt Ion: 75 Resp: 104963
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#

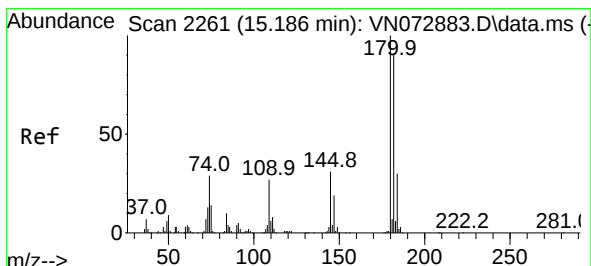
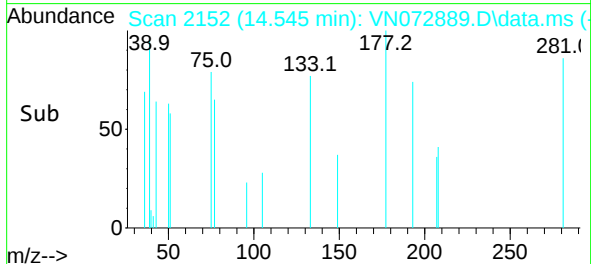
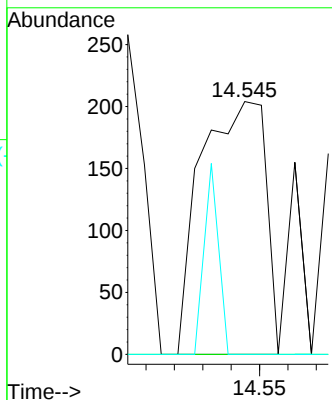
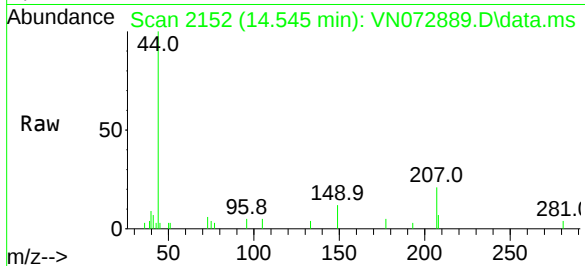




#92
 1,2-Dibromo-3-Chloropropane
 Concen: Below Cal
 RT: 14.545 min Scan# 2150
 Delta R.T. 0.012 min
 Lab File: VN072889.D
 Acq: 16 Jun 2022 19:37

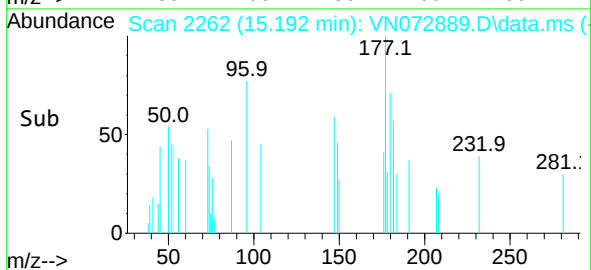
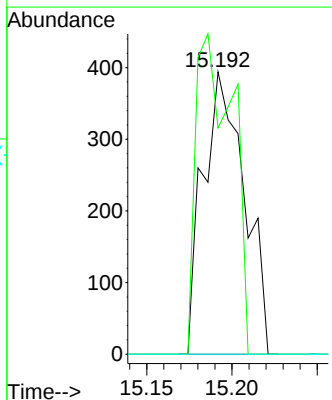
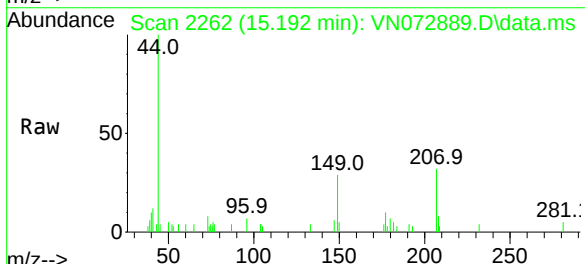
Instrument :
 MSVOA_N
 ClientSampleId :

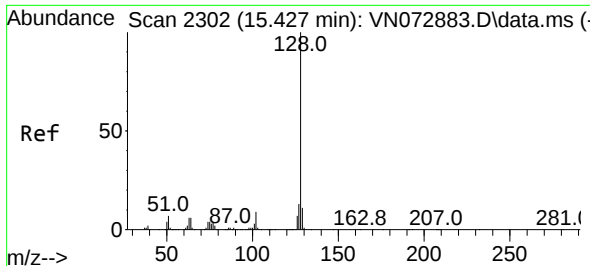
Tgt Ion: 75 Resp: 323
 Ion Ratio Lower Upper
 75 100
 155 0.0 44.9 134.5#
 157 16.7 59.0 176.8#



#93
 1,2,4-Trichlorobenzene
 Concen: 0.217 ug/l
 RT: 15.192 min Scan# 2262
 Delta R.T. 0.006 min
 Lab File: VN072889.D
 Acq: 16 Jun 2022 19:37

Tgt Ion: 180 Resp: 664
 Ion Ratio Lower Upper
 180 100
 182 100.9 47.5 142.5
 145 0.0 14.5 43.5#

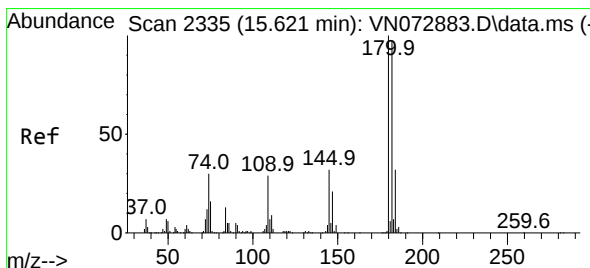
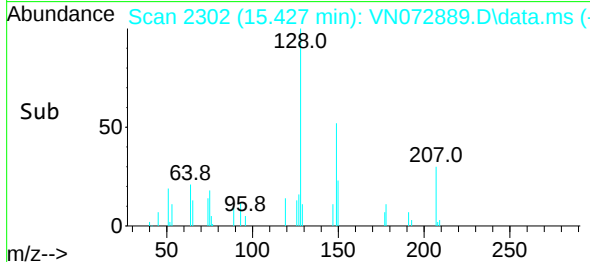
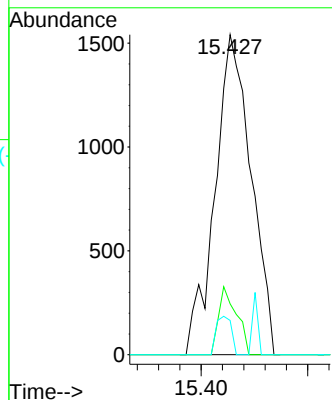
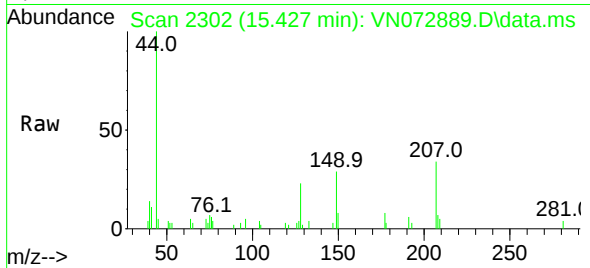




#95
Naphthalene
Concen: 0.343 ug/l
RT: 15.427 min Scan# 2302
Delta R.T. 0.000 min
Lab File: VN072889.D
Acq: 16 Jun 2022 19:37

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 3626
Ion Ratio Lower Upper
128 100
127 10.5 10.3 15.5
129 5.0 8.6 13.0#



#96
1,2,3-Trichlorobenzene
Concen: 0.328 ug/l
RT: 15.627 min Scan# 2336
Delta R.T. 0.006 min
Lab File: VN072889.D
Acq: 16 Jun 2022 19:37

Tgt Ion:180 Resp: 998
Ion Ratio Lower Upper
180 100
182 85.9 47.8 143.3
145 38.4 15.5 46.5

