

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061422\
 Data File : VN072865.D
 Acq On : 15 Jun 2022 05:33
 Operator : JC\MD
 Sample : N3334-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-14A-1A-8

Quant Time: Jun 15 07:52:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 15 04:13:32 2022
 Response via : Initial Calibration

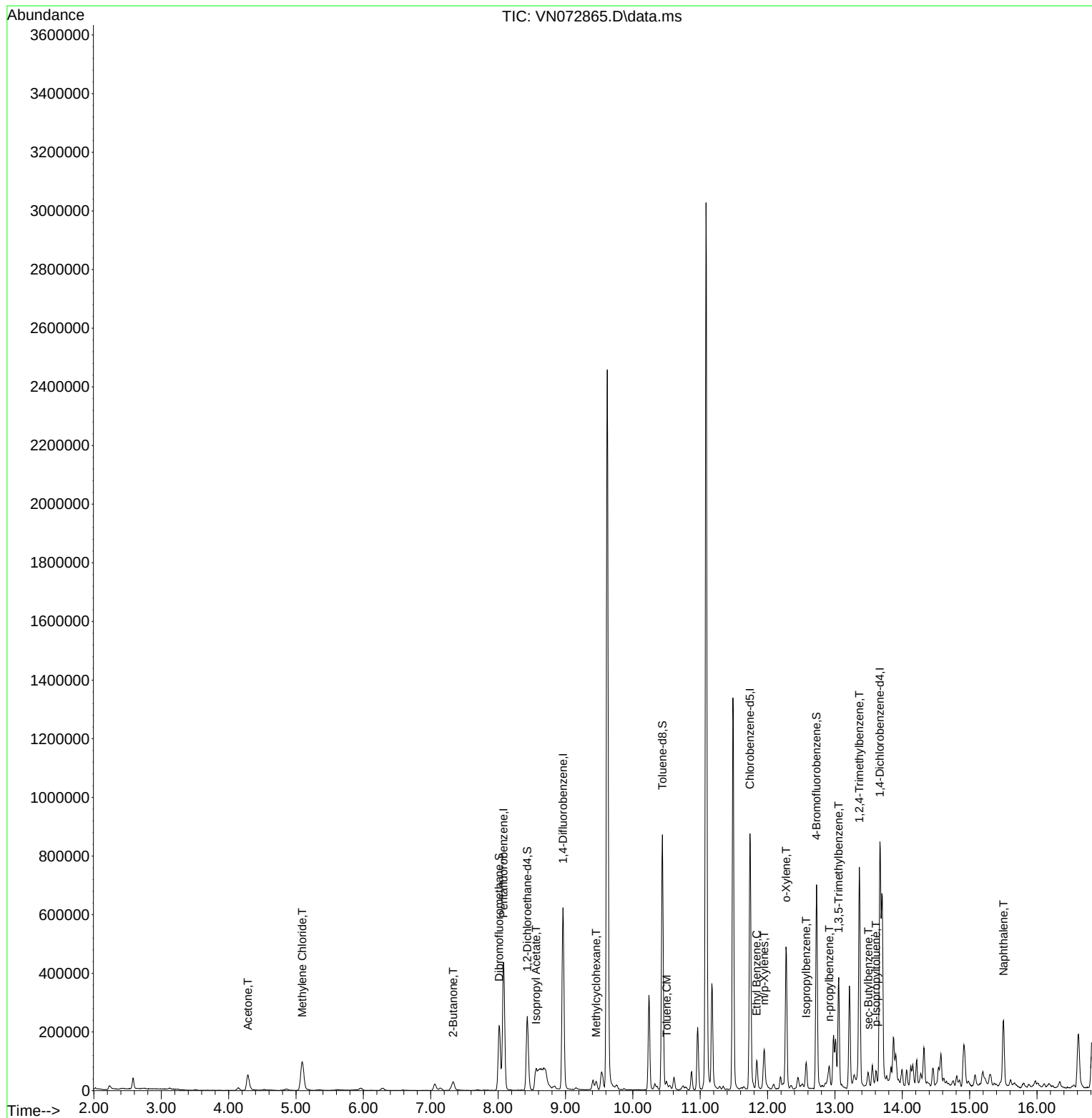
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.080	168	312384	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	534429	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	487464	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	218399	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	201197	41.586	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	83.180%
35) Dibromofluoromethane	8.016	113	164684	49.772	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	99.540%
50) Toluene-d8	10.439	98	577928	44.259	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	88.520%
62) 4-Bromofluorobenzene	12.727	95	243754	55.609	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	111.220%
Target Compounds						
					Qvalue	
16) Acetone	4.286	43	101009	37.355	ug/l	89
20) Methylene Chloride	5.092	84	78014	21.663	ug/l #	82
25) 2-Butanone	7.333	43	47030	10.976	ug/l	89
39) Methylcyclohexane	9.457	83	11334	2.259	ug/l	91
43) Isopropyl Acetate	8.563	43	100354	9.136	ug/l #	70
52) Toluene	10.504	92	10164	1.171	ug/l	97
67) Ethyl Benzene	11.839	91	67199	3.877	ug/l	95
68) m/p-Xylenes	11.951	106	42523	6.927	ug/l	94
69) o-Xylene	12.274	106	127708	19.658	ug/l	98
73) Isopropylbenzene	12.574	105	47100	2.346	ug/l	100
78) n-propylbenzene	12.915	91	53485	2.442	ug/l	96
80) 1,3,5-Trimethylbenzene	13.056	105	183379	11.497	ug/l	98
84) 1,2,4-Trimethylbenzene	13.362	105	403752	26.160	ug/l	98
85) sec-Butylbenzene	13.498	105	19586	1.017	ug/l	89
86) p-Isopropyltoluene	13.609	119	22418	1.493	ug/l	93
95) Naphthalene	15.503	128	208944	15.211	ug/l	100

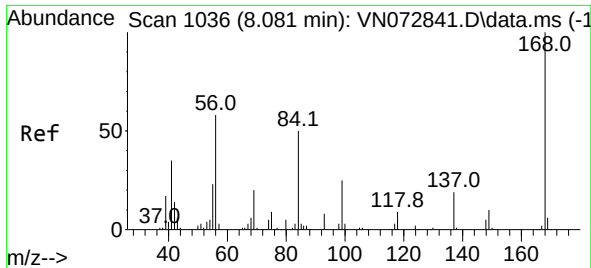
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061422\
Data File : VN072865.D
Acq On : 15 Jun 2022 05:33
Operator : JC\MD
Sample : N3334-08
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
WC-14A-1A-8

Quant Time: Jun 15 07:52:13 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061422W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 15 04:13:32 2022
Response via : Initial Calibration

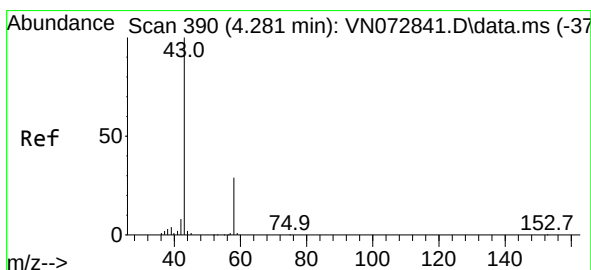
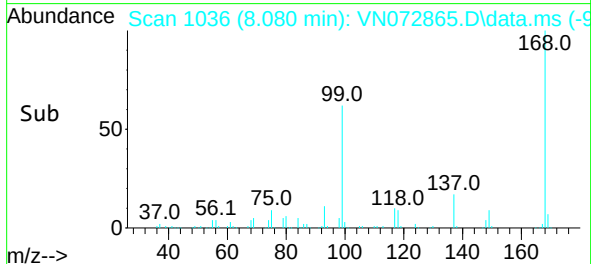
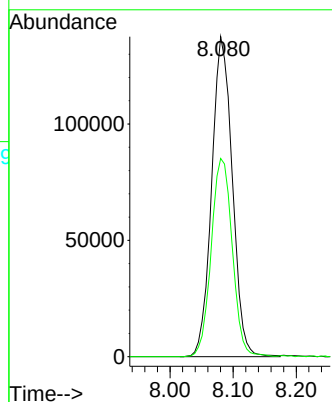
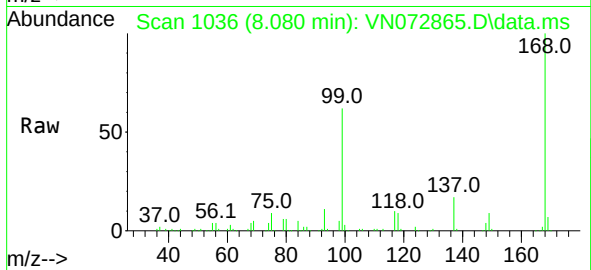




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.080 min Scan# 1036
Delta R.T. -0.001 min
Lab File: VN072865.D
Acq: 15 Jun 2022 05:33

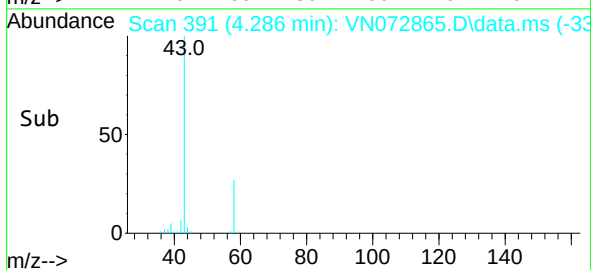
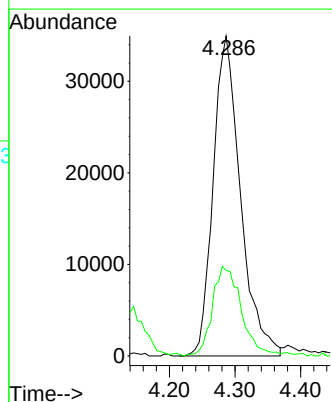
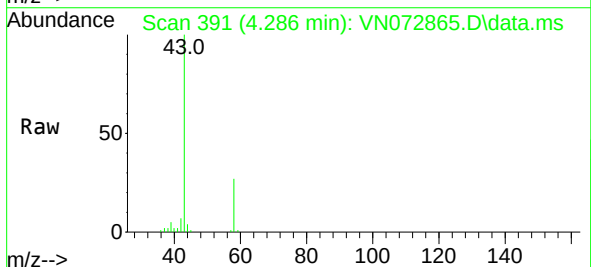
Instrument :
MSVOA_N
ClientSampleId :
WC-14A-1A-8

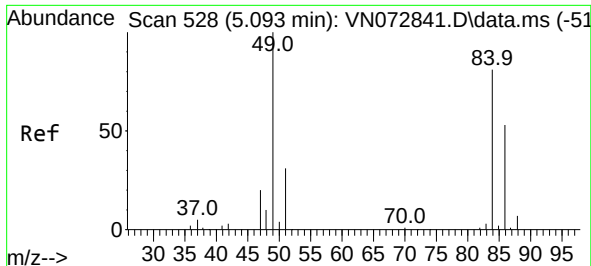
Tgt Ion:168 Resp: 312384
Ion Ratio Lower Upper
168 100
99 61.9 42.3 63.5



#16
Acetone
Concen: 37.355 ug/l
RT: 4.286 min Scan# 391
Delta R.T. 0.005 min
Lab File: VN072865.D
Acq: 15 Jun 2022 05:33

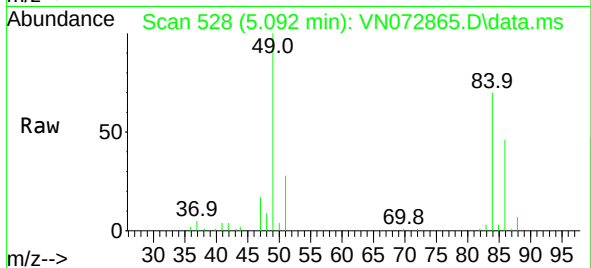
Tgt Ion: 43 Resp: 101009
Ion Ratio Lower Upper
43 100
58 26.2 26.0 39.0



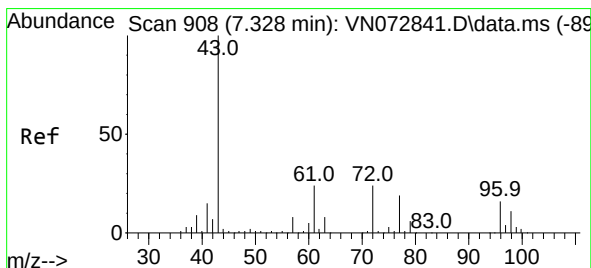
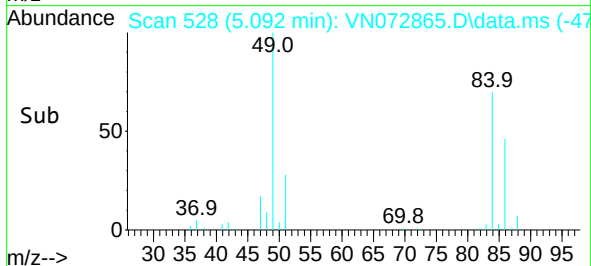
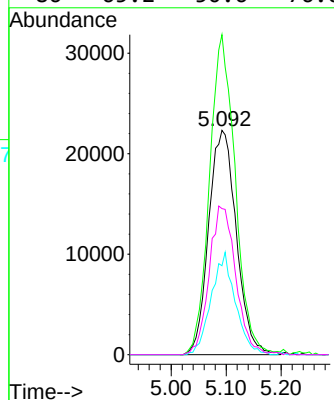


#20
Methylene Chloride
Concen: 21.663 ug/l
RT: 5.092 min Scan# 51
Delta R.T. -0.001 min
Lab File: VN072865.D
Acq: 15 Jun 2022 05:33

Instrument :
MSVOA_N
ClientSampleId :
WC-14A-1A-8

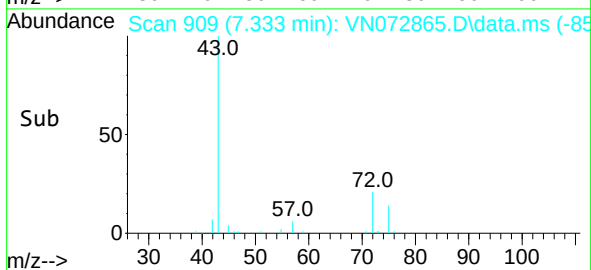
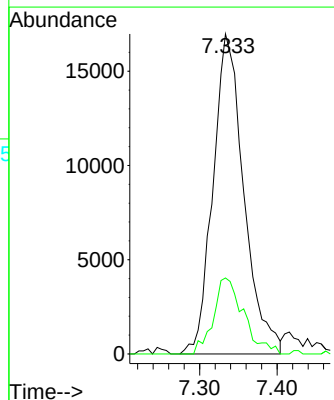
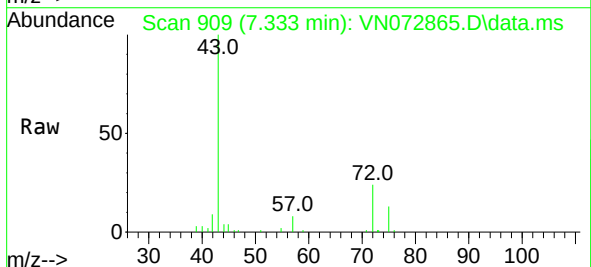


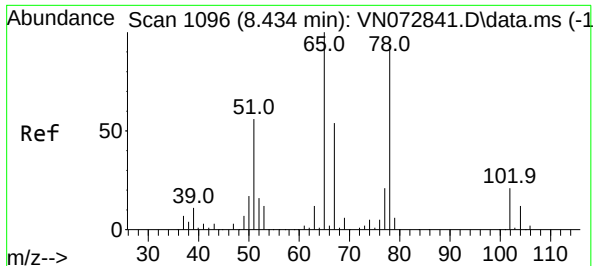
Tgt Ion:	84	Resp:	78014
Ion	Ratio	Lower	Upper
84	100		
49	142.7	88.3	132.5#
51	39.6	28.2	42.2
86	65.2	50.6	76.0



#25
2-Butanone
Concen: 10.976 ug/l
RT: 7.333 min Scan# 909
Delta R.T. 0.005 min
Lab File: VN072865.D
Acq: 15 Jun 2022 05:33

Tgt Ion:	43	Resp:	47030
Ion	Ratio	Lower	Upper
43	100		
72	23.8	23.7	35.5





#33

1,2-Dichloroethane-d4

Concen: 41.586 ug/l

RT: 8.433 min Scan# 1096

Delta R.T. -0.001 min

Lab File: VN072865.D

Acq: 15 Jun 2022 05:33

Instrument :

MSVOA_N

ClientSampleId :

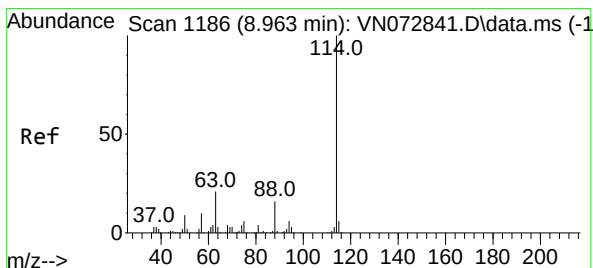
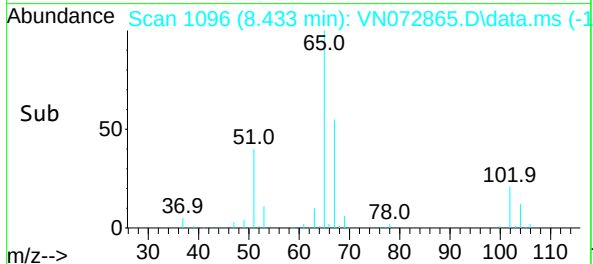
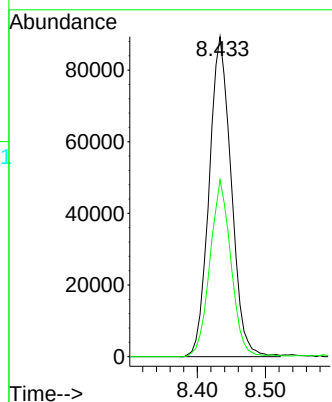
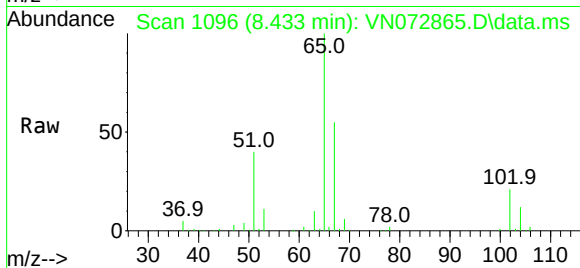
WC-14A-1A-8

Tgt Ion: 65 Resp: 201197

Ion Ratio Lower Upper

65 100

67 52.5 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. -0.000 min

Lab File: VN072865.D

Acq: 15 Jun 2022 05:33

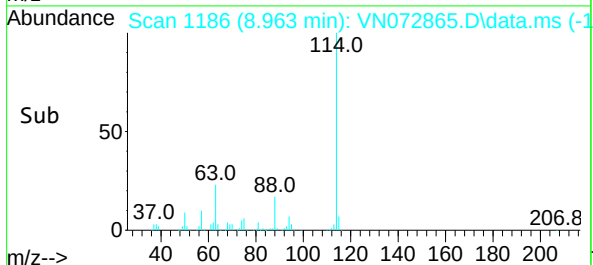
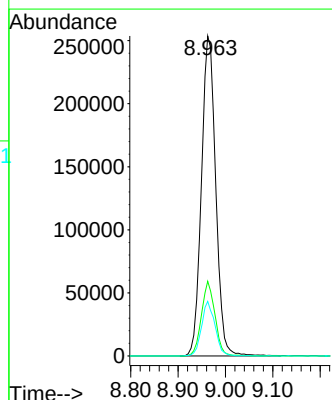
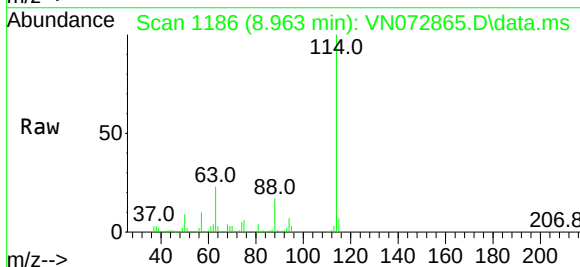
Tgt Ion: 114 Resp: 534429

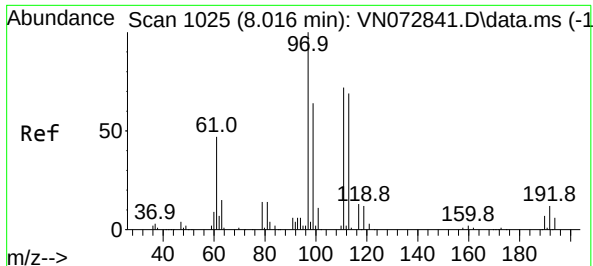
Ion Ratio Lower Upper

114 100

63 23.3 0.0 40.0

88 17.1 0.0 32.6





#35

Dibromofluoromethane

Concen: 49.772 ug/l

RT: 8.016 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN072865.D

Acq: 15 Jun 2022 05:33

Instrument :

MSVOA_N

ClientSampleId :

WC-14A-1A-8

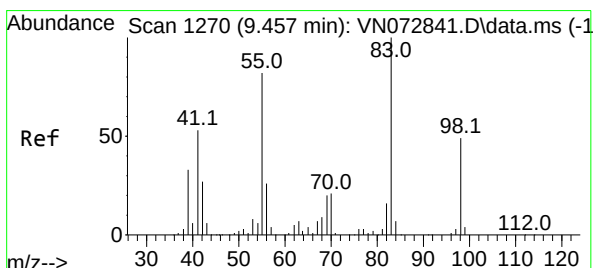
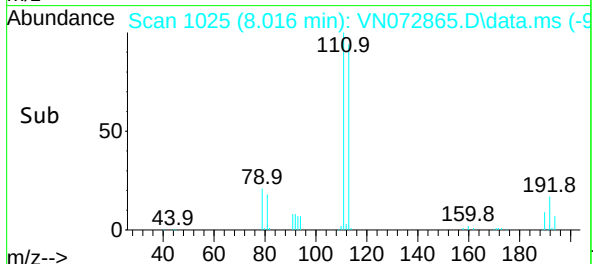
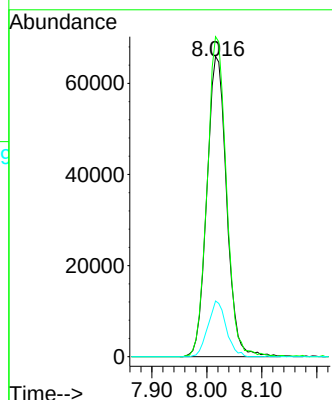
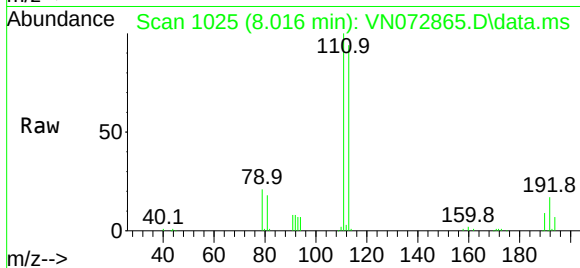
Tgt Ion:113 Resp: 164684

Ion Ratio Lower Upper

113 100

111 104.2 81.4 122.0

192 17.1 17.0 25.6



#39

Methylcyclohexane

Concen: 2.259 ug/l

RT: 9.457 min Scan# 1270

Delta R.T. -0.000 min

Lab File: VN072865.D

Acq: 15 Jun 2022 05:33

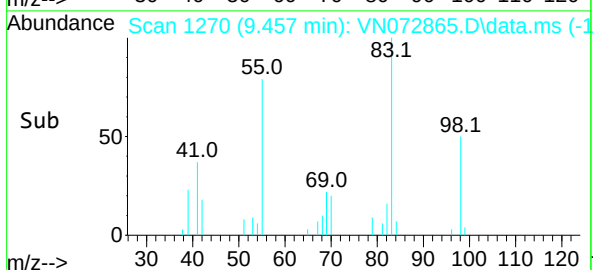
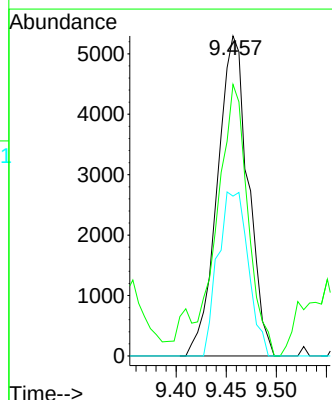
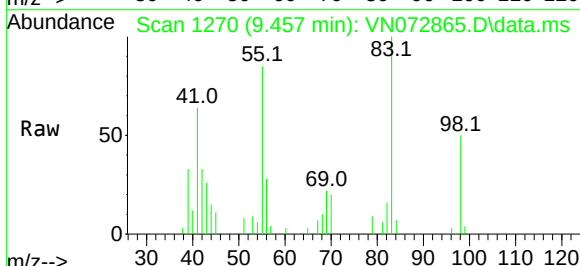
Tgt Ion: 83 Resp: 11334

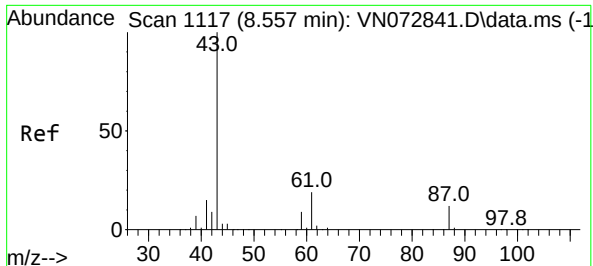
Ion Ratio Lower Upper

83 100

55 84.8 57.8 86.8

98 49.9 39.4 59.2





#43

Isopropyl Acetate

Concen: 9.136 ug/l

RT: 8.563 min Scan# 1117

Delta R.T. 0.006 min

Lab File: VN072865.D

Acq: 15 Jun 2022 05:33

Instrument :

MSVOA_N

ClientSampleId :

WC-14A-1A-8

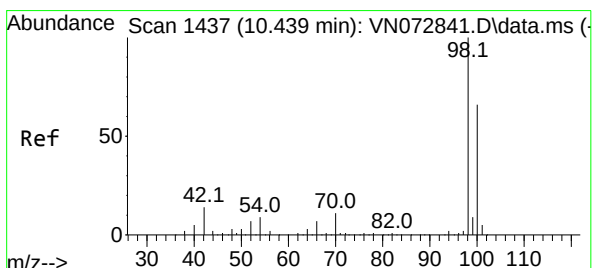
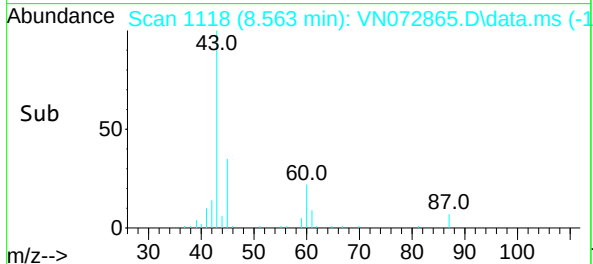
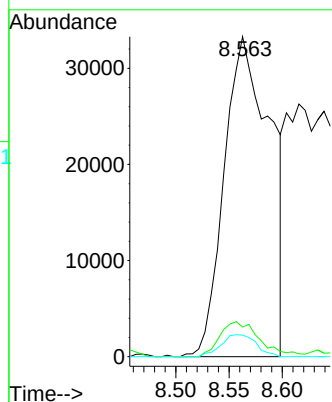
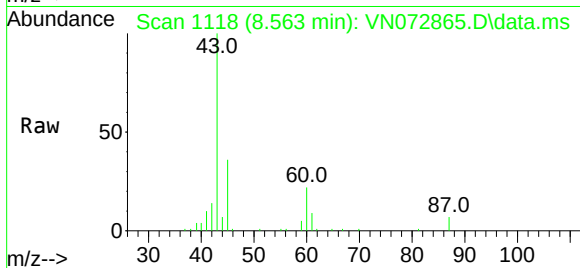
Tgt Ion: 43 Resp: 100354

Ion Ratio Lower Upper

43 100

61 9.5 21.9 32.9#

87 5.2 12.0 18.0#



#50

Toluene-d8

Concen: 44.259 ug/l

RT: 10.439 min Scan# 1437

Delta R.T. 0.000 min

Lab File: VN072865.D

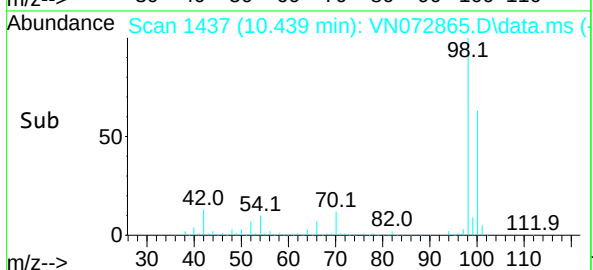
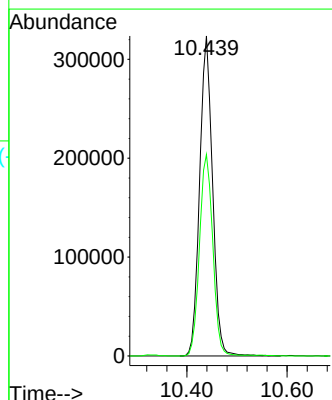
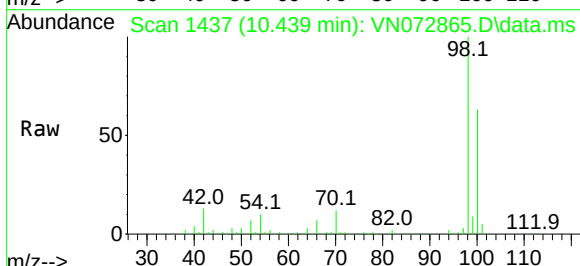
Acq: 15 Jun 2022 05:33

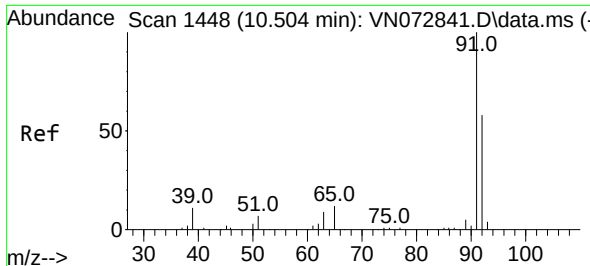
Tgt Ion: 98 Resp: 577928

Ion Ratio Lower Upper

98 100

100 64.9 52.6 78.8

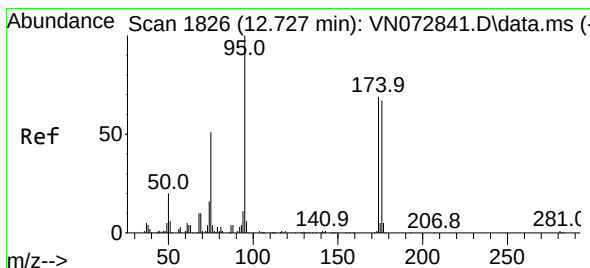
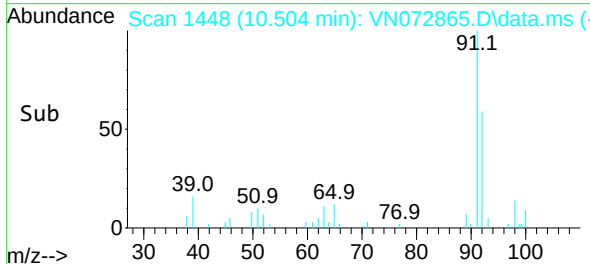
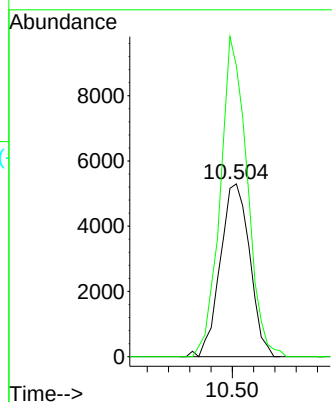
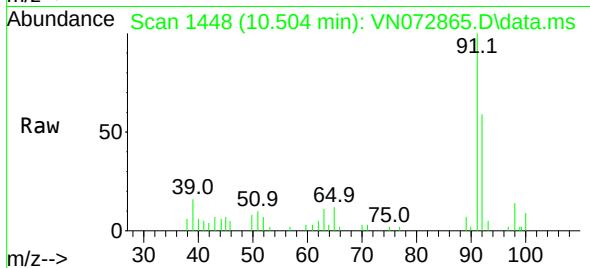




#52
Toluene
Concen: 1.171 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN072865.D
Acq: 15 Jun 2022 05:33

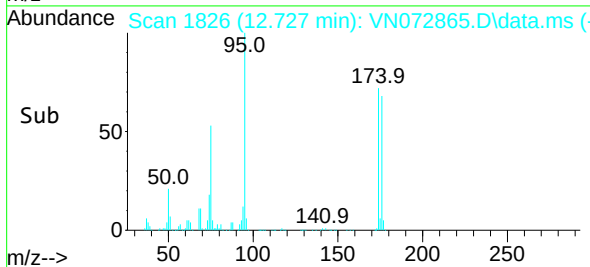
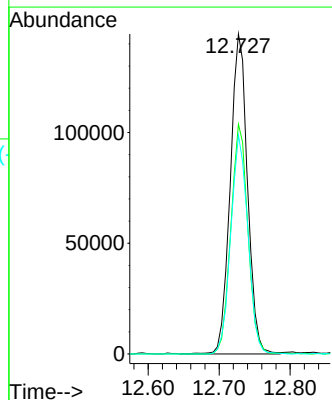
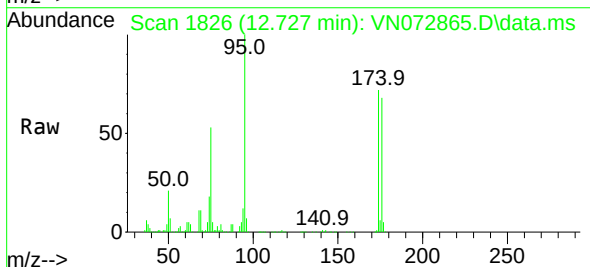
Instrument :
MSVOA_N
ClientSampleId :
WC-14A-1A-8

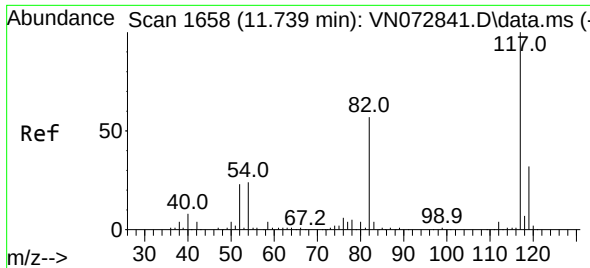
Tgt Ion: 92 Resp: 10164
Ion Ratio Lower Upper
92 100
91 169.0 138.6 207.8



#62
4-Bromofluorobenzene
Concen: 55.609 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072865.D
Acq: 15 Jun 2022 05:33

Tgt Ion: 95 Resp: 243754
Ion Ratio Lower Upper
95 100
174 70.9 0.0 167.6
176 67.9 0.0 163.4

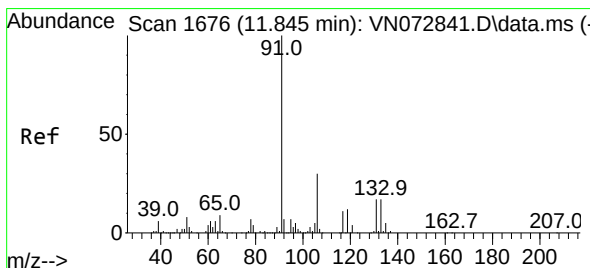
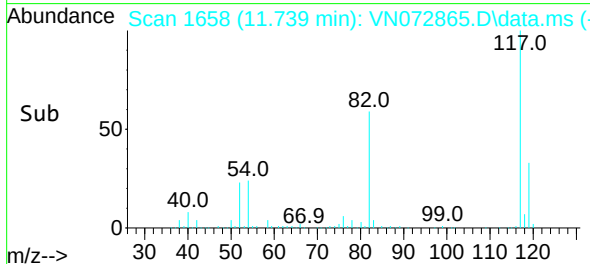
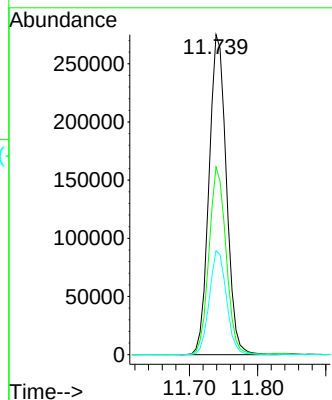
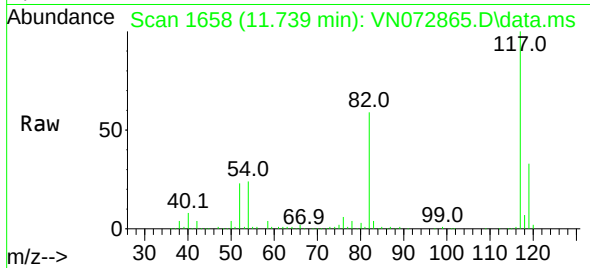




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VN072865.D
Acq: 15 Jun 2022 05:33

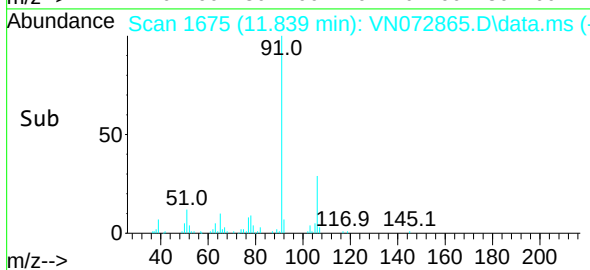
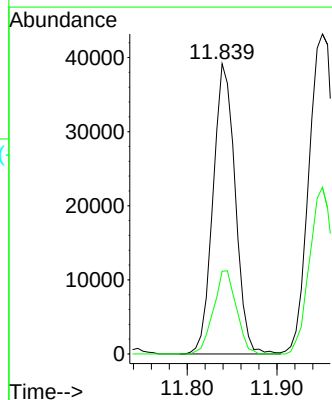
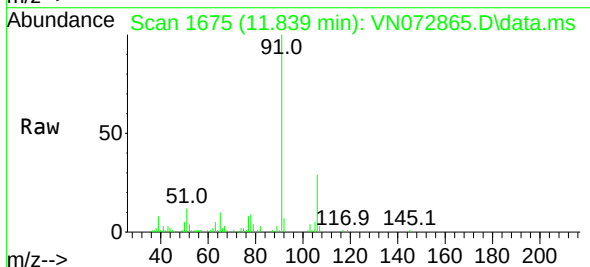
Instrument :
MSVOA_N
ClientSampleId :
WC-14A-1A-8

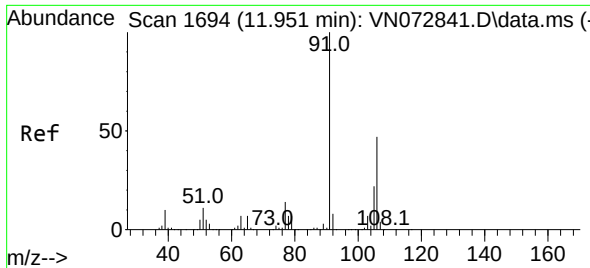
Tgt Ion:117 Resp: 487464
Ion Ratio Lower Upper
117 100
82 58.6 44.2 66.2
119 32.5 25.4 38.0



#67
Ethyl Benzene
Concen: 3.877 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. -0.006 min
Lab File: VN072865.D
Acq: 15 Jun 2022 05:33

Tgt Ion: 91 Resp: 67199
Ion Ratio Lower Upper
91 100
106 28.5 24.9 37.3

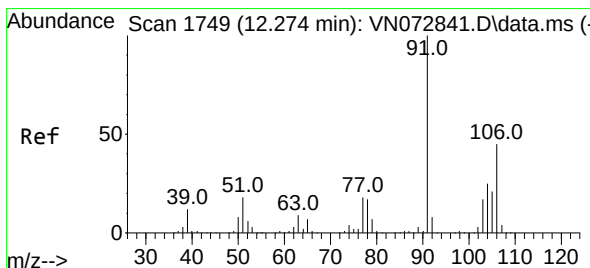
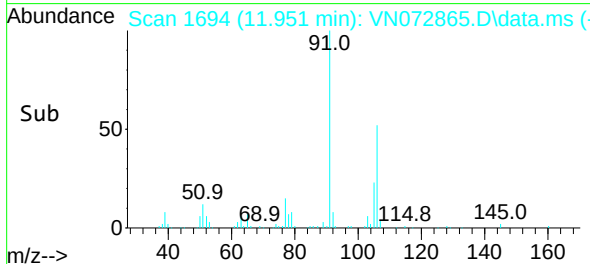
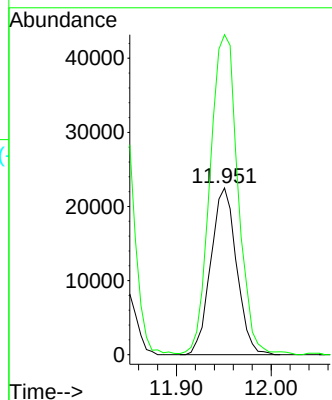
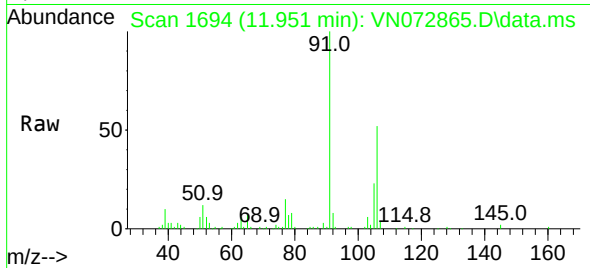




#68
m/p-Xylenes
Concen: 6.927 ug/l
RT: 11.951 min Scan# 1194
Delta R.T. -0.000 min
Lab File: VN072865.D
Acq: 15 Jun 2022 05:33

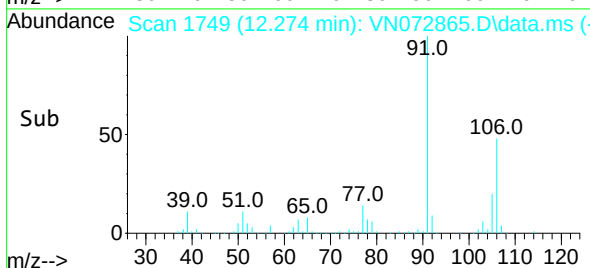
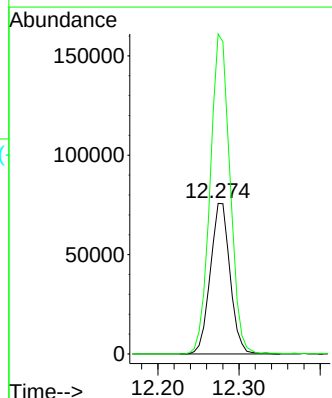
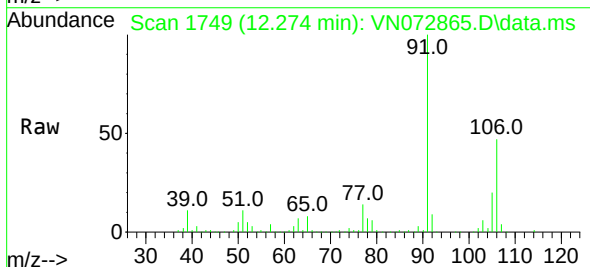
Instrument :
MSVOA_N
ClientSampleId :
WC-14A-1A-8

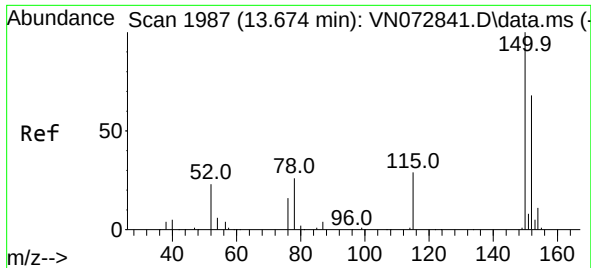
Tgt Ion:106 Resp: 42523
Ion Ratio Lower Upper
106 100
91 207.7 158.9 238.3



#69
o-Xylene
Concen: 19.658 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VN072865.D
Acq: 15 Jun 2022 05:33

Tgt Ion:106 Resp: 127708
Ion Ratio Lower Upper
106 100
91 214.8 106.0 318.0

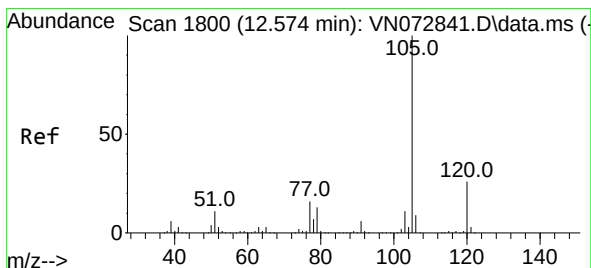
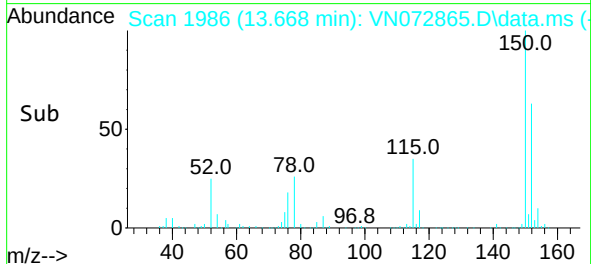
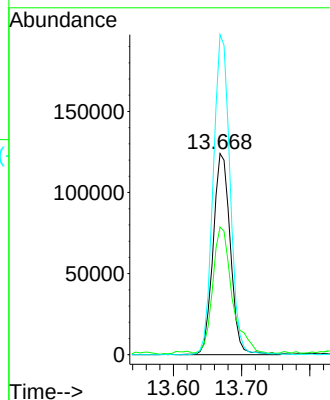
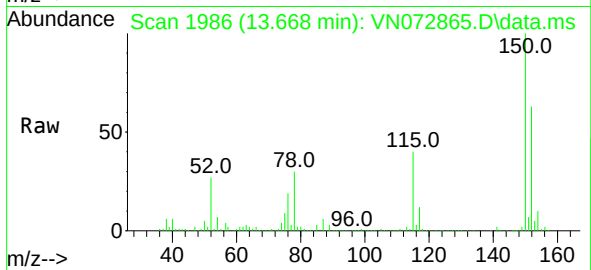




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.006 min
Lab File: VN072865.D
Acq: 15 Jun 2022 05:33

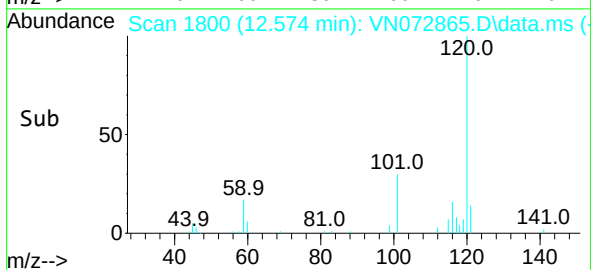
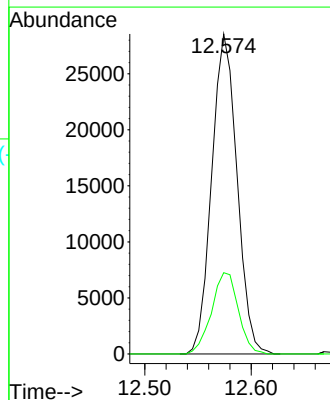
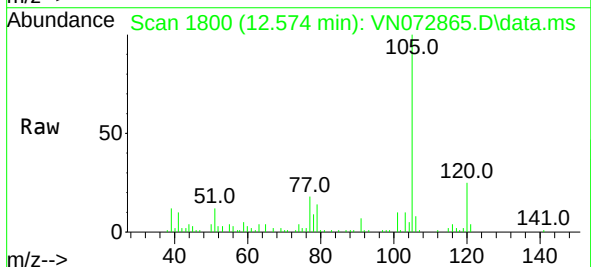
Instrument :
MSVOA_N
ClientSampleId :
WC-14A-1A-8

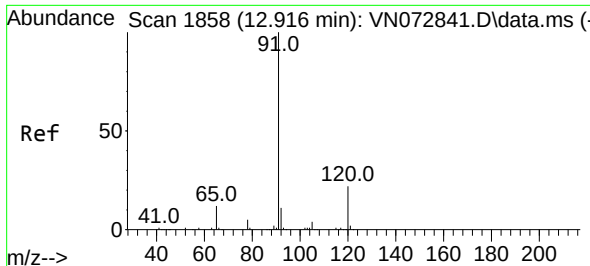
Tgt Ion:152 Resp: 218399
Ion Ratio Lower Upper
152 100
115 70.9 28.9 86.7
150 155.2 0.0 356.2



#73
Isopropylbenzene
Concen: 2.346 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. 0.000 min
Lab File: VN072865.D
Acq: 15 Jun 2022 05:33

Tgt Ion:105 Resp: 47100
Ion Ratio Lower Upper
105 100
120 26.8 13.5 40.4

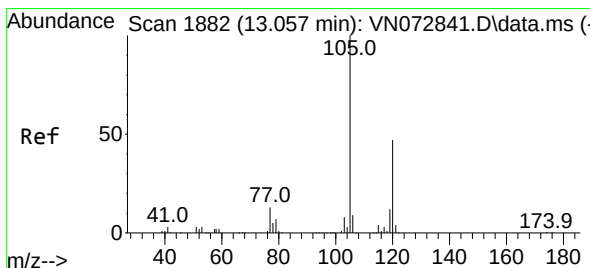
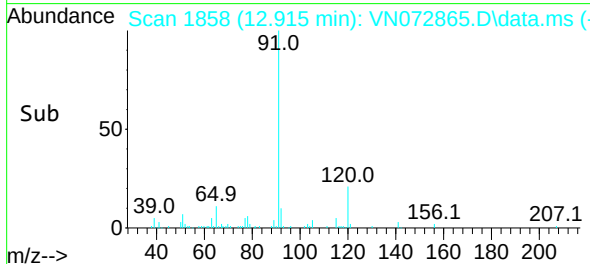
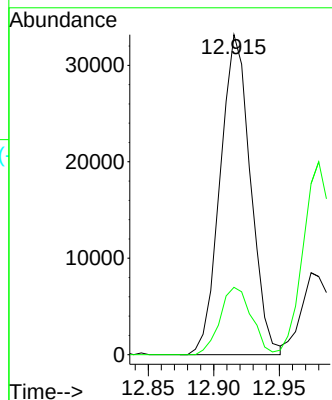
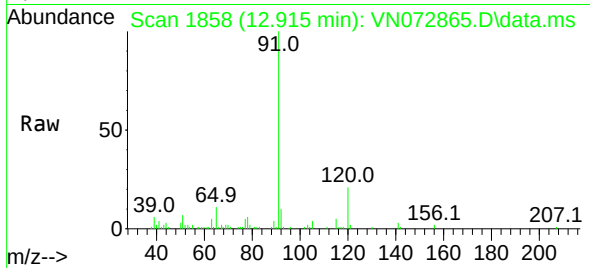




#78
n-propylbenzene
Concen: 2.442 ug/l
RT: 12.915 min Scan# 1858
Delta R.T. -0.001 min
Lab File: VN072865.D
Acq: 15 Jun 2022 05:33

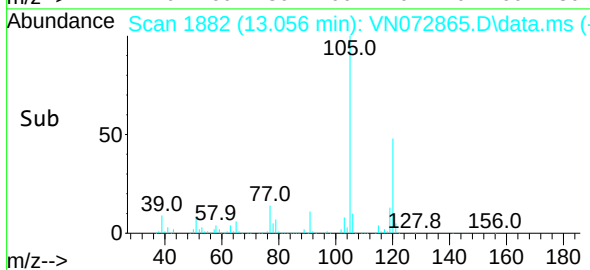
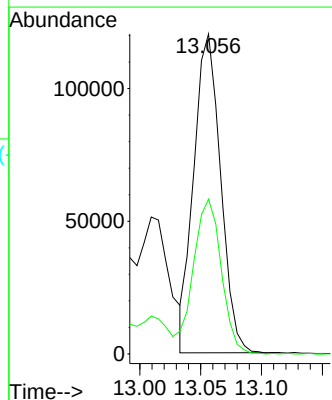
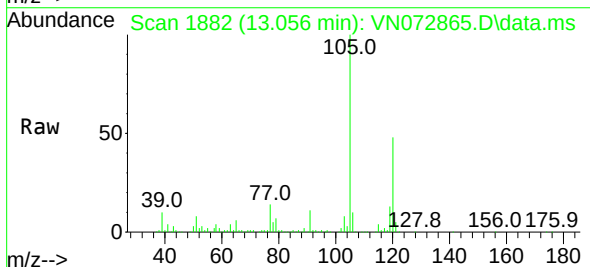
Instrument :
MSVOA_N
ClientSampleId :
WC-14A-1A-8

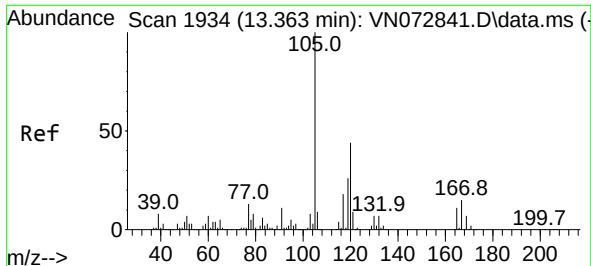
Tgt Ion: 91 Resp: 53485
Ion Ratio Lower Upper
91 100
120 21.8 11.9 35.5



#80
1,3,5-Trimethylbenzene
Concen: 11.497 ug/l
RT: 13.056 min Scan# 1882
Delta R.T. -0.001 min
Lab File: VN072865.D
Acq: 15 Jun 2022 05:33

Tgt Ion: 105 Resp: 183379
Ion Ratio Lower Upper
105 100
120 51.1 24.9 74.7

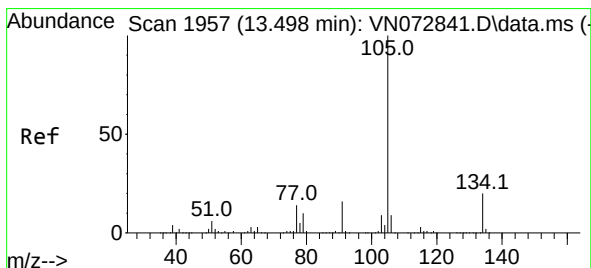
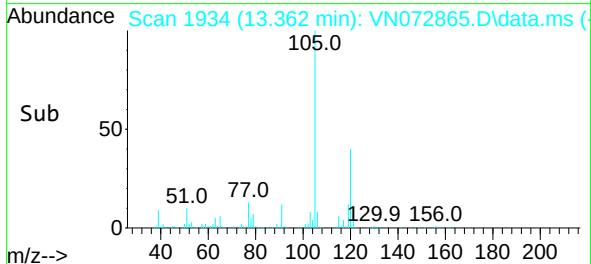
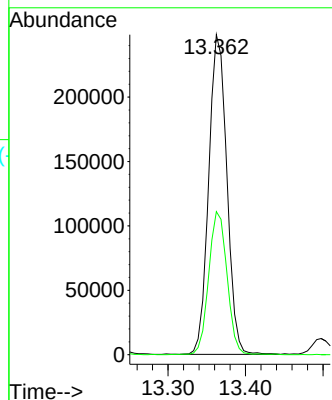
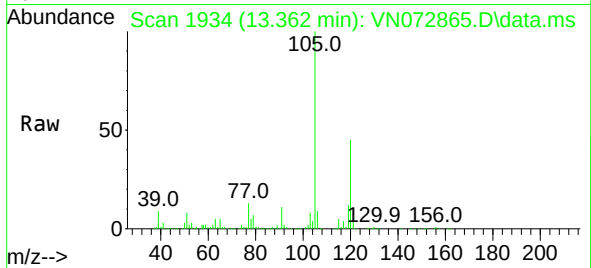




#84
1,2,4-Trimethylbenzene
Concen: 26.160 ug/l
RT: 13.362 min Scan# 1934
Delta R.T. -0.001 min
Lab File: VN072865.D
Acq: 15 Jun 2022 05:33

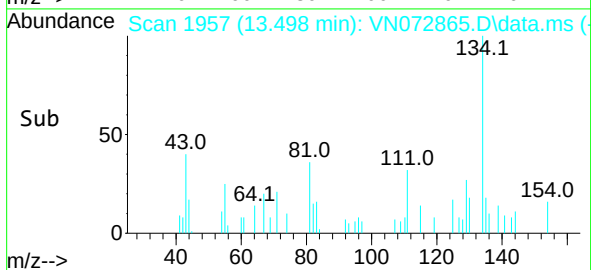
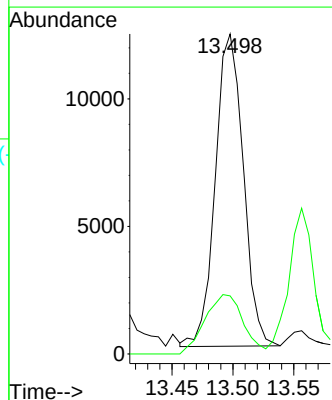
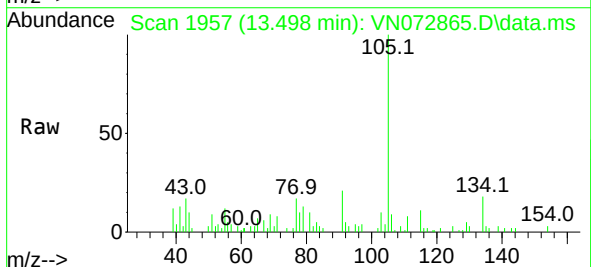
Instrument :
MSVOA_N
ClientSampleId :
WC-14A-1A-8

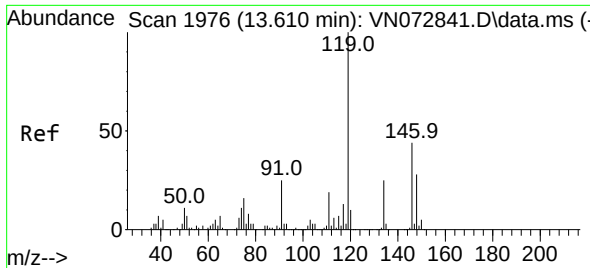
Tgt Ion:105 Resp: 403752
Ion Ratio Lower Upper
105 100
120 45.4 23.3 69.8



#85
sec-Butylbenzene
Concen: 1.017 ug/l
RT: 13.498 min Scan# 1957
Delta R.T. -0.000 min
Lab File: VN072865.D
Acq: 15 Jun 2022 05:33

Tgt Ion:105 Resp: 19586
Ion Ratio Lower Upper
105 100
134 25.9 10.4 31.1

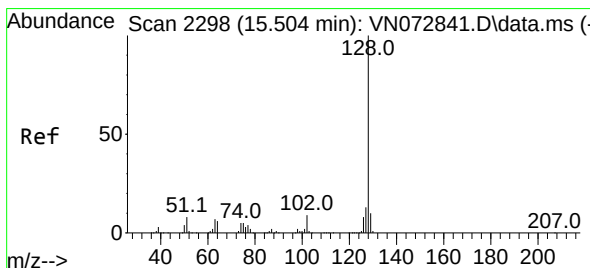
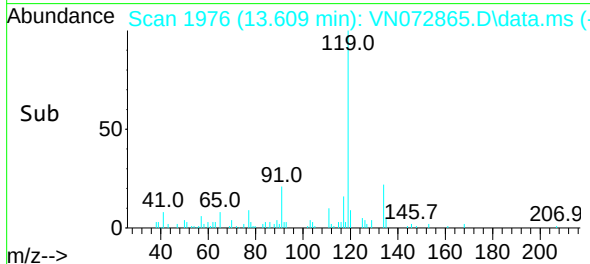
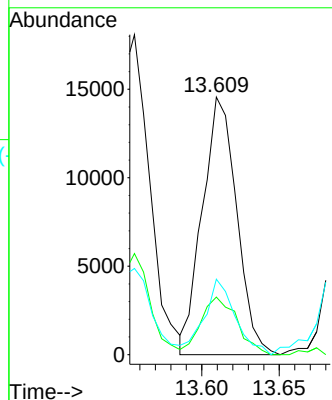
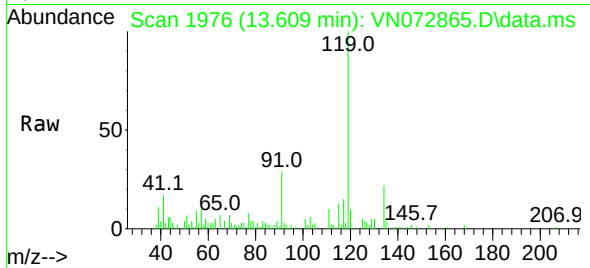




#86
 p-Isopropyltoluene
 Concen: 1.493 ug/l
 RT: 13.609 min Scan# 1976
 Delta R.T. -0.001 min
 Lab File: VN072865.D
 Acq: 15 Jun 2022 05:33

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-14A-1A-8

Tgt Ion:119	Resp:	22418
Ion Ratio	Lower	Upper
119	100	
134	23.7	13.3 39.8
91	26.5	11.3 33.9



#95
 Naphthalene
 Concen: 15.211 ug/l
 RT: 15.503 min Scan# 2298
 Delta R.T. -0.001 min
 Lab File: VN072865.D
 Acq: 15 Jun 2022 05:33

Tgt Ion:128	Resp:	208944
Ion Ratio	Lower	Upper
128	100	
127	13.2	10.3 15.5
129	10.9	8.6 13.0

