

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061822\
 Data File : VN072943.D
 Acq On : 18 Jun 2022 16:33
 Operator : JC\MD
 Sample : N3334-18
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-14A-1A-11-GR

Quant Time: Jun 20 08:05:36 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)

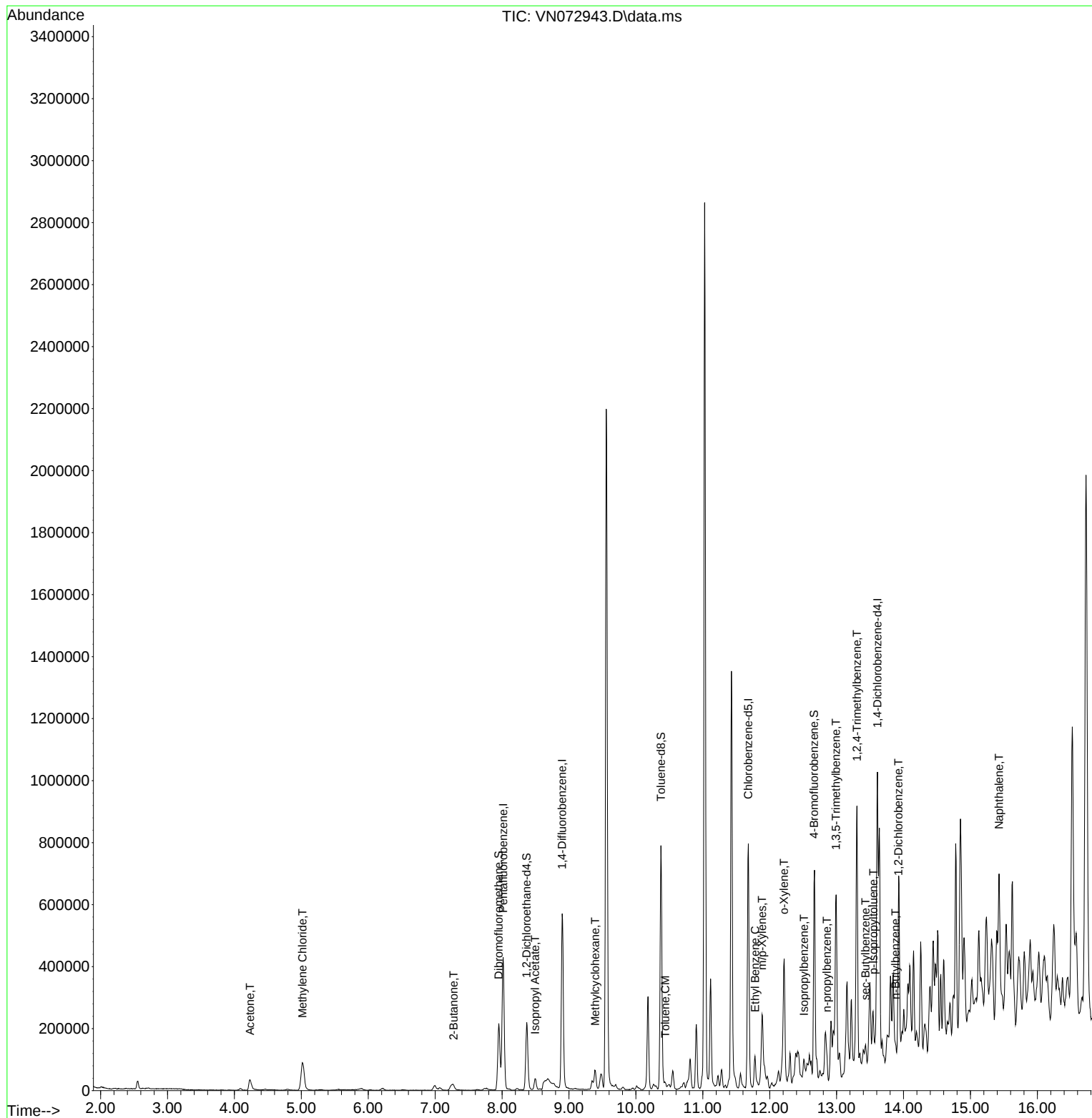
Internal Standards						
1) Pentafluorobenzene	8.016	168	315711	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	507613	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	457819	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	233902	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	179219	41.988	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	83.980%
35) Dibromofluoromethane	7.951	113	158886	50.641	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.280%
50) Toluene-d8	10.375	98	525084	44.976	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	89.960%
62) 4-Bromofluorobenzene	12.663	95	230218	54.839	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	109.680%
Target Compounds						
					Qvalue	
16) Acetone	4.234	43	64179	27.354	ug/l	92
20) Methylene Chloride	5.016	84	75356	20.564	ug/l	94
25) 2-Butanone	7.275	43	29941	8.042	ug/l #	81
39) Methylcyclohexane	9.392	83	26839	5.245	ug/l #	88
43) Isopropyl Acetate	8.492	43	40804	4.204	ug/l #	87
52) Toluene	10.439	92	8700	1.062	ug/l	98
67) Ethyl Benzene	11.780	91	68592	4.358	ug/l	94
68) m/p-Xylenes	11.886	106	60753	9.841	ug/l	99
69) o-Xylene	12.216	106	105839	17.158	ug/l	98
73) Isopropylbenzene	12.516	105	33761	1.866	ug/l	94
78) n-propylbenzene	12.857	91	55089	2.768	ug/l	99
80) 1,3,5-Trimethylbenzene	12.992	105	201017	13.524	ug/l	99
84) 1,2,4-Trimethylbenzene	13.304	105	473854	32.007	ug/l	99
85) sec-Butylbenzene	13.433	105	28368	1.562	ug/l #	70
86) p-Isopropyltoluene	13.551	119	44668	3.038	ug/l	98
89) n-Butylbenzene	13.880	91	19070	1.588	ug/l #	64
91) 1,2-Dichlorobenzene	13.921	146	17258	2.138	ug/l #	55
95) Naphthalene	15.427	128	382058	21.144	ug/l	99

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

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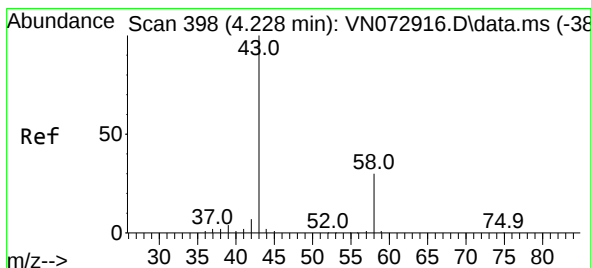
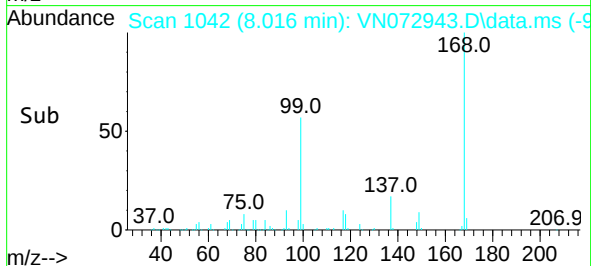
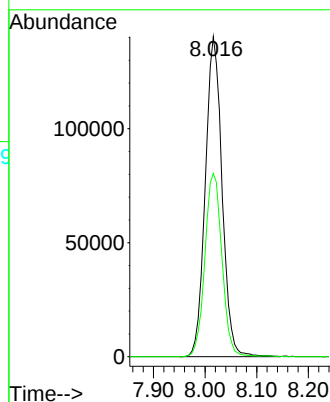
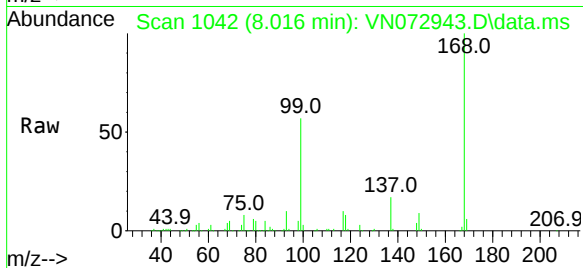




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN072943.D
Acq: 18 Jun 2022 16:33

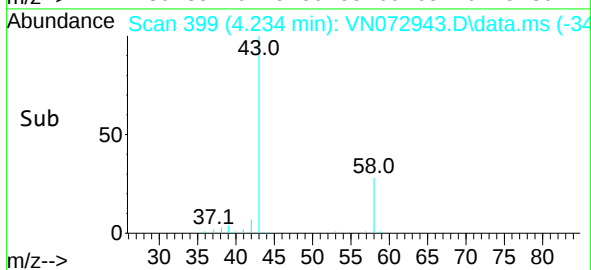
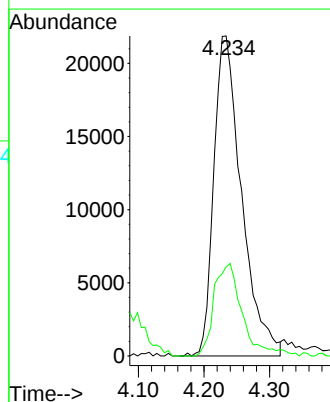
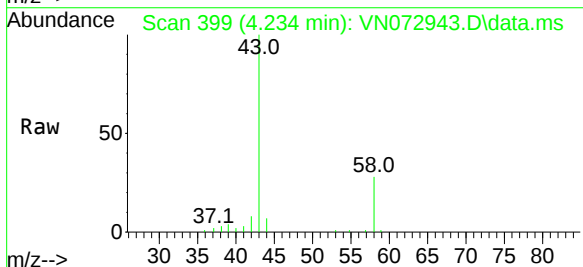
Instrument :
MSVOA_N
ClientSampleId :
WC-14A-1A-11-GR

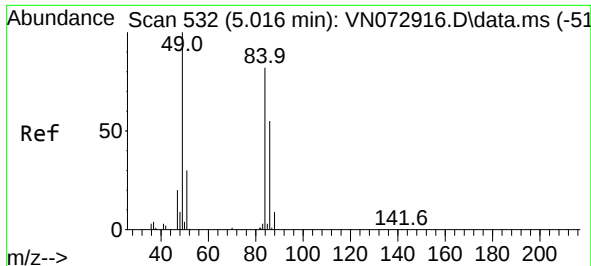
Tgt Ion:168 Resp: 315711
Ion Ratio Lower Upper
168 100
99 57.3 42.3 63.5



#16
Acetone
Concen: 27.354 ug/l
RT: 4.234 min Scan# 399
Delta R.T. 0.006 min
Lab File: VN072943.D
Acq: 18 Jun 2022 16:33

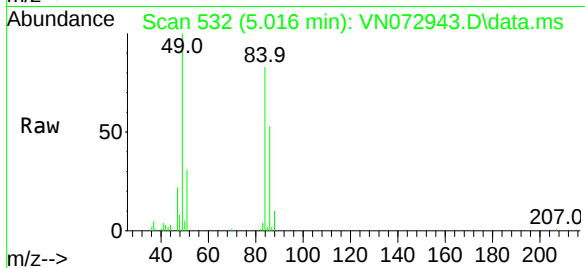
Tgt Ion: 43 Resp: 64179
Ion Ratio Lower Upper
43 100
58 27.8 26.0 39.0



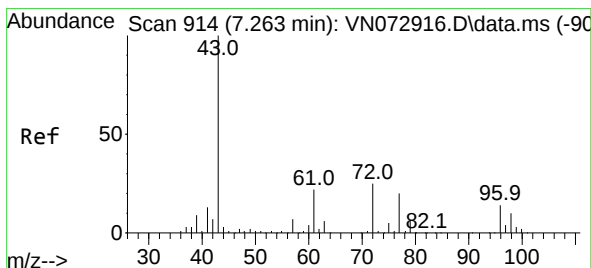
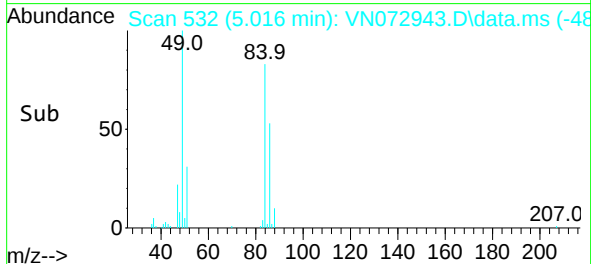
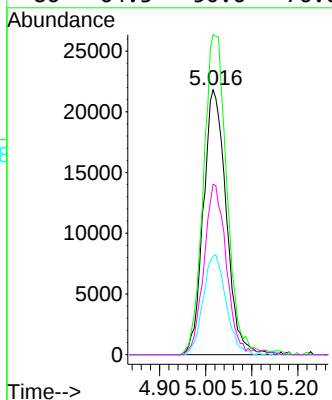


#20
Methylene Chloride
Concen: 20.564 ug/l
RT: 5.016 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN072943.D
Acq: 18 Jun 2022 16:33

Instrument :
MSVOA_N
ClientSampleId :
WC-14A-1A-11-GR

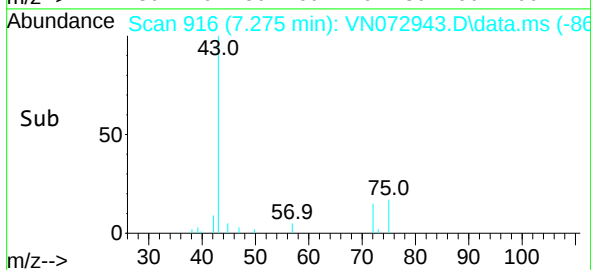
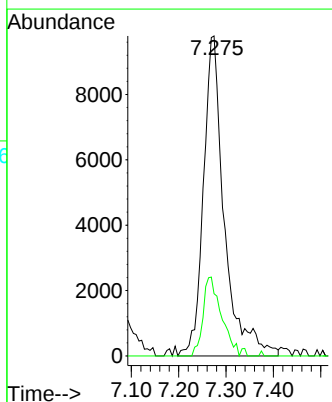
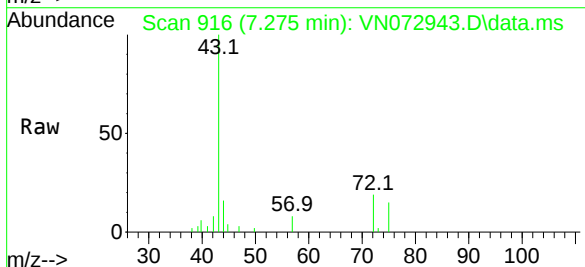


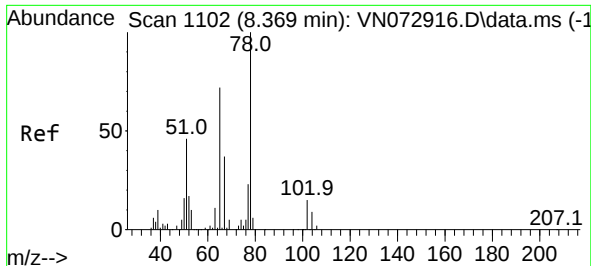
Tgt Ion:	84	Resp:	75356
Ion	Ratio	Lower	Upper
84	100		
49	120.8	88.3	132.5
51	37.2	28.2	42.2
86	64.3	50.6	76.0



#25
2-Butanone
Concen: 8.042 ug/l
RT: 7.275 min Scan# 916
Delta R.T. 0.012 min
Lab File: VN072943.D
Acq: 18 Jun 2022 16:33

Tgt Ion:	43	Resp:	29941
Ion	Ratio	Lower	Upper
43	100		
72	19.4	23.7	35.5#





#33

1,2-Dichloroethane-d4

Concen: 41.988 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VN072943.D

Acq: 18 Jun 2022 16:33

Instrument :

MSVOA_N

ClientSampleId :

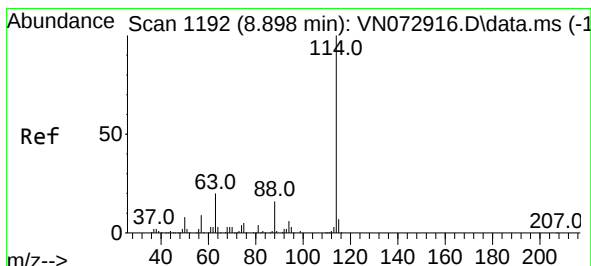
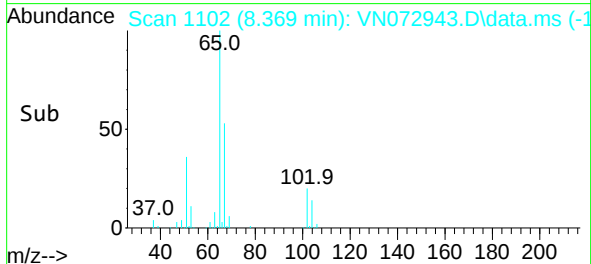
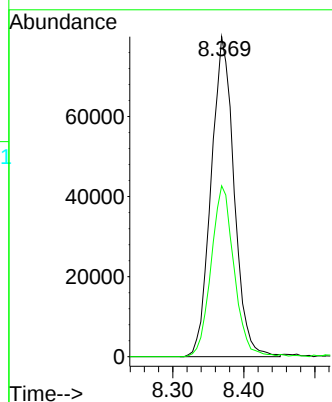
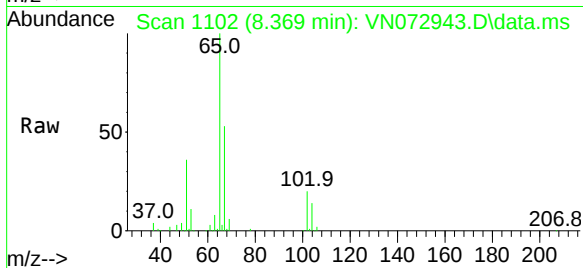
WC-14A-1A-11-GR

Tgt Ion: 65 Resp: 179219

Ion Ratio Lower Upper

65 100

67 53.2 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.898 min Scan# 1192

Delta R.T. 0.000 min

Lab File: VN072943.D

Acq: 18 Jun 2022 16:33

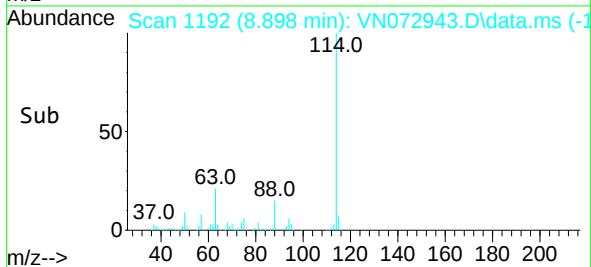
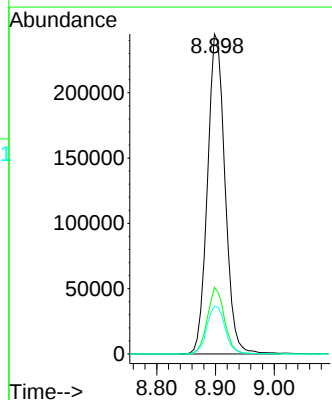
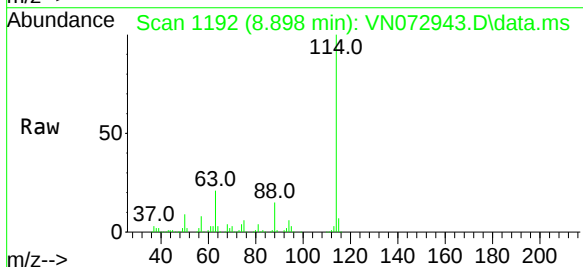
Tgt Ion: 114 Resp: 507613

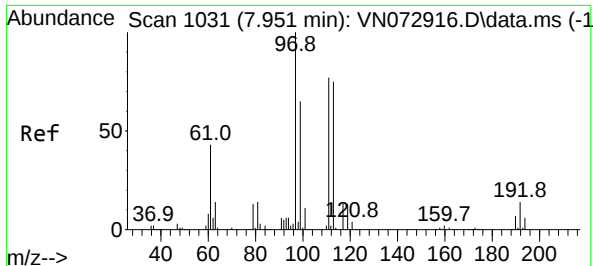
Ion Ratio Lower Upper

114 100

63 20.9 0.0 40.0

88 14.9 0.0 32.6

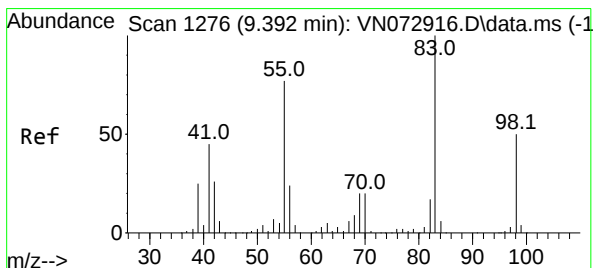
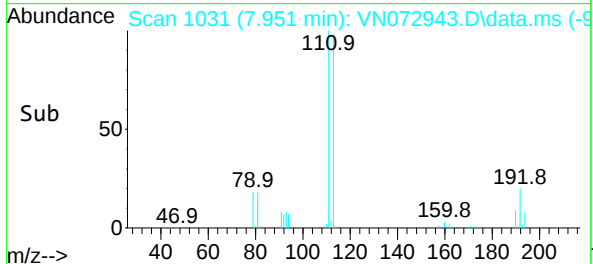
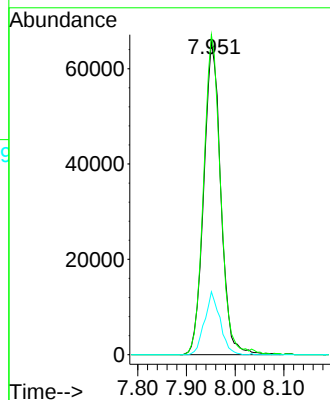
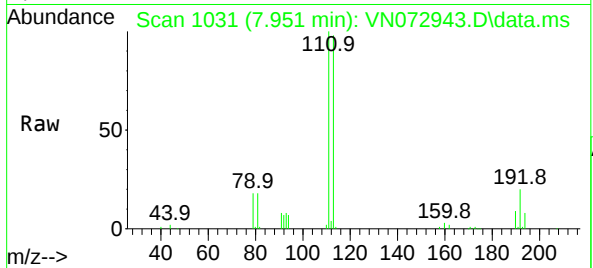




#35
Dibromofluoromethane
Concen: 50.641 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VN072943.D
Acq: 18 Jun 2022 16:33

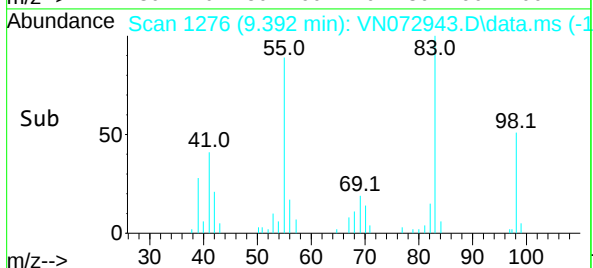
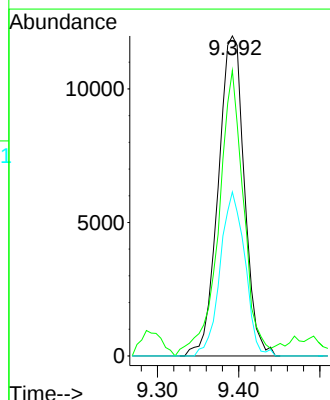
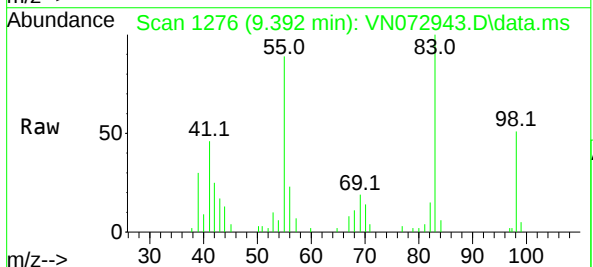
Instrument :
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ClientSampleId :
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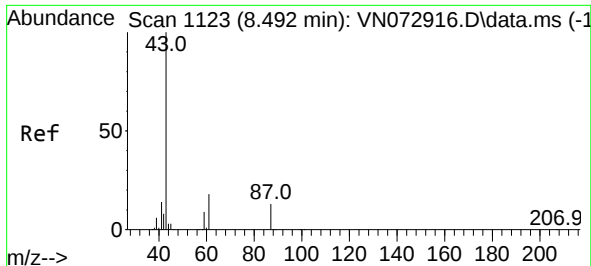
Tgt Ion:113 Resp: 158886
Ion Ratio Lower Upper
113 100
111 102.0 81.4 122.0
192 18.3 17.0 25.6



#39
Methylcyclohexane
Concen: 5.245 ug/l
RT: 9.392 min Scan# 1276
Delta R.T. 0.000 min
Lab File: VN072943.D
Acq: 18 Jun 2022 16:33

Tgt Ion: 83 Resp: 26839
Ion Ratio Lower Upper
83 100
55 87.1 57.8 86.8#
98 51.3 39.4 59.2

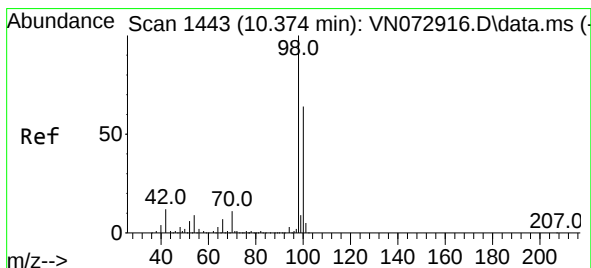
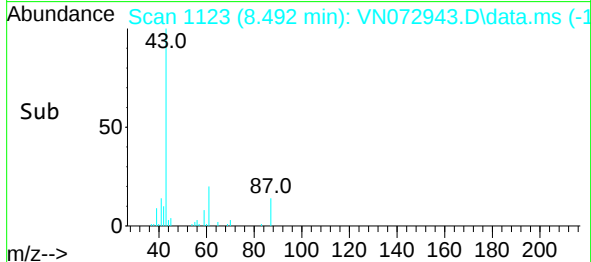
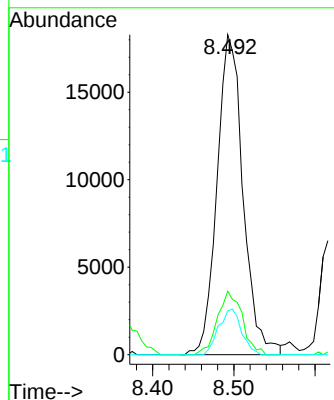
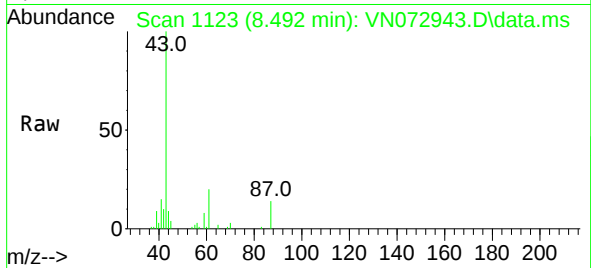




#43
Isopropyl Acetate
Concen: 4.204 ug/l
RT: 8.492 min Scan# 1123
Delta R.T. 0.000 min
Lab File: VN072943.D
Acq: 18 Jun 2022 16:33

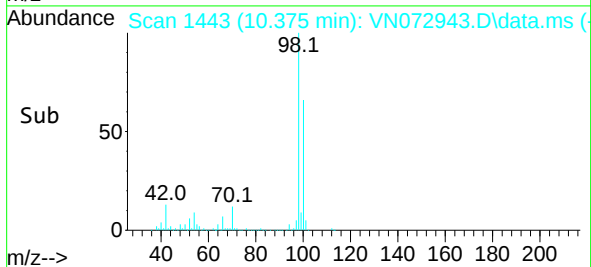
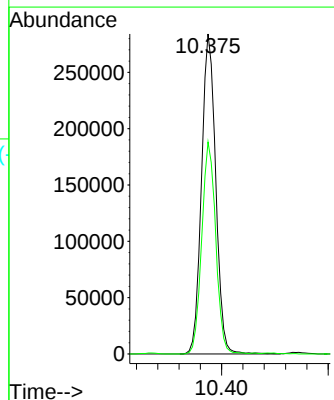
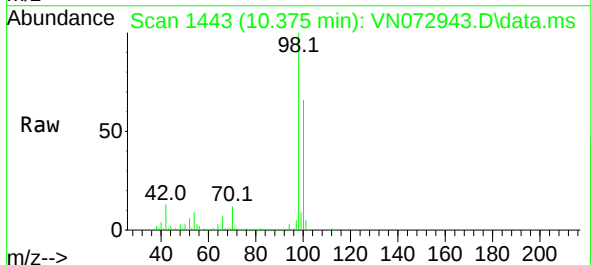
Instrument :
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ClientSampleId :
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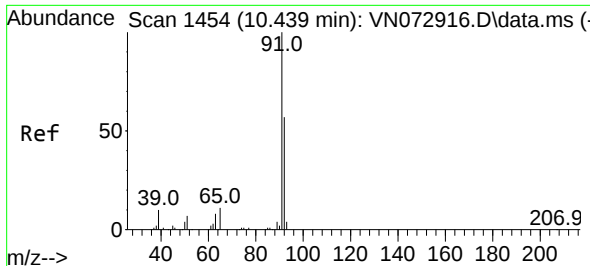
Tgt Ion: 43 Resp: 40804
Ion Ratio Lower Upper
43 100
61 18.9 21.9 32.9#
87 12.4 12.0 18.0



#50
Toluene-d8
Concen: 44.976 ug/l
RT: 10.375 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN072943.D
Acq: 18 Jun 2022 16:33

Tgt Ion: 98 Resp: 525084
Ion Ratio Lower Upper
98 100
100 65.2 52.6 78.8

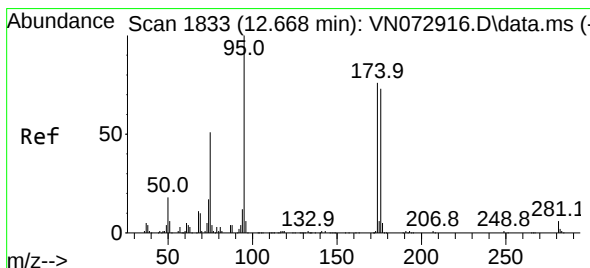
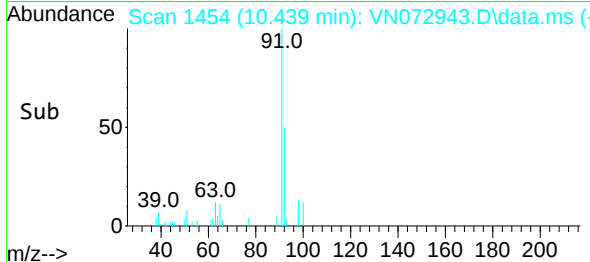
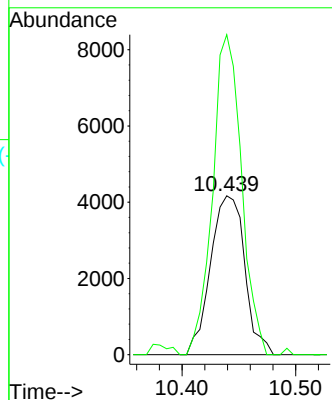
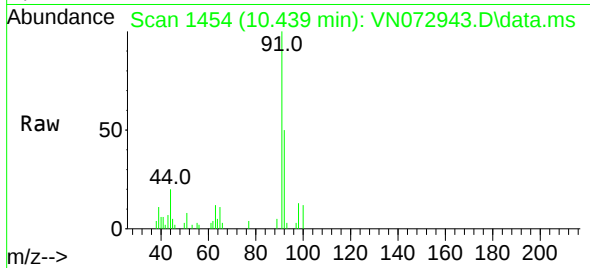




#52
Toluene
Concen: 1.062 ug/l
RT: 10.439 min Scan# 1454
Delta R.T. 0.000 min
Lab File: VN072943.D
Acq: 18 Jun 2022 16:33

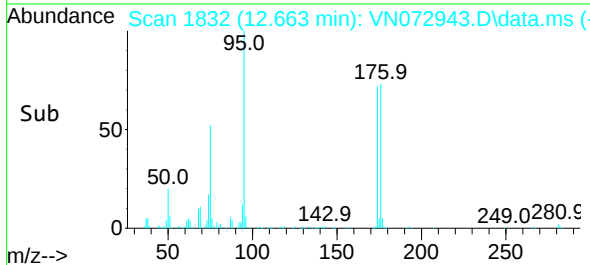
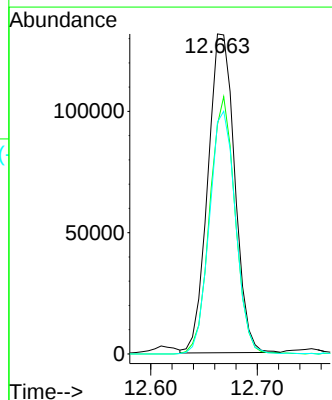
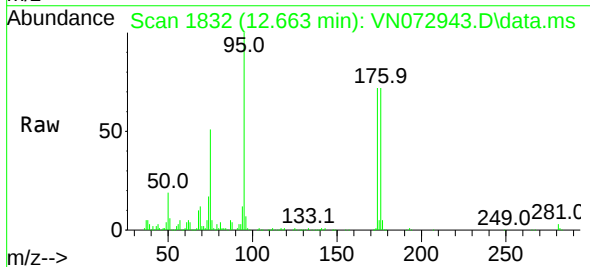
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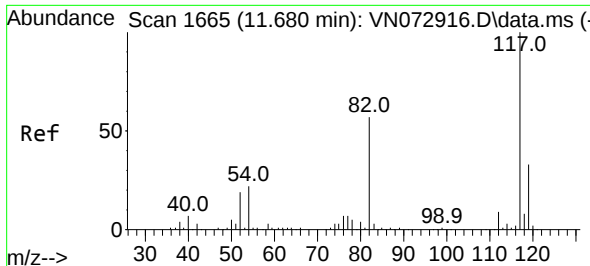
Tgt Ion: 92 Resp: 8700
Ion Ratio Lower Upper
92 100
91 170.8 138.6 207.8



#62
4-Bromofluorobenzene
Concen: 54.839 ug/l
RT: 12.663 min Scan# 1832
Delta R.T. -0.006 min
Lab File: VN072943.D
Acq: 18 Jun 2022 16:33

Tgt Ion: 95 Resp: 230218
Ion Ratio Lower Upper
95 100
174 76.0 0.0 167.6
176 74.0 0.0 163.4

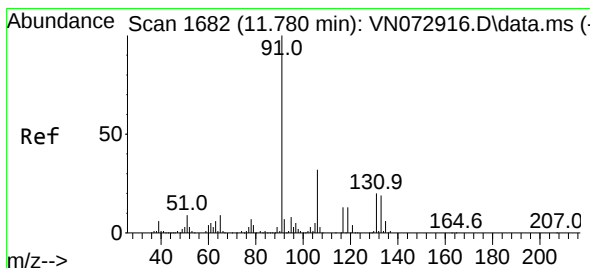
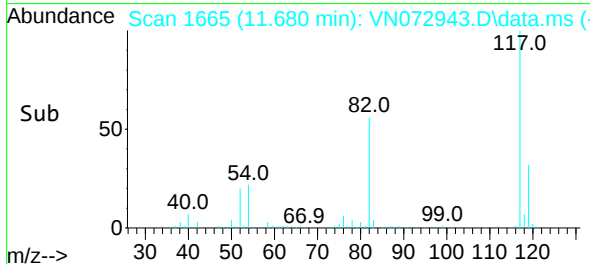
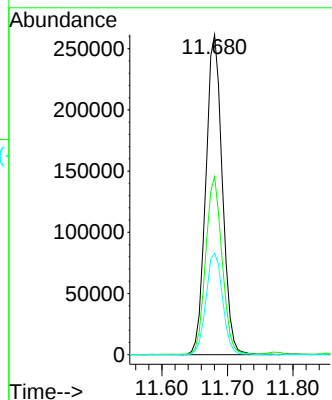
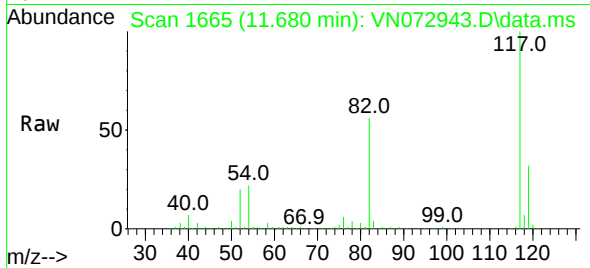




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VN072943.D
Acq: 18 Jun 2022 16:33

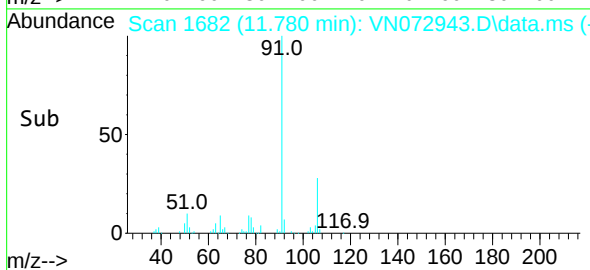
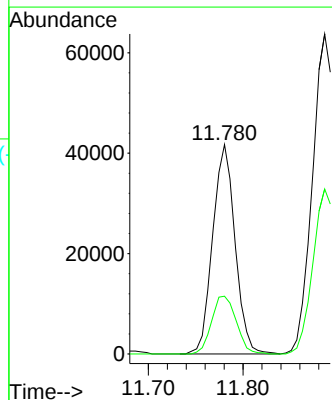
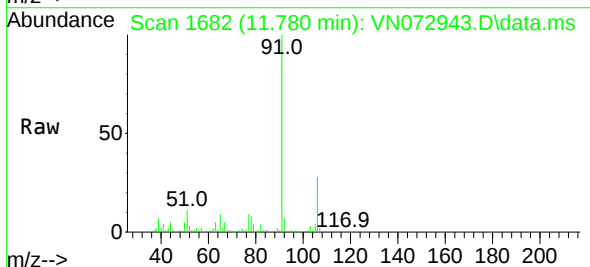
Instrument :
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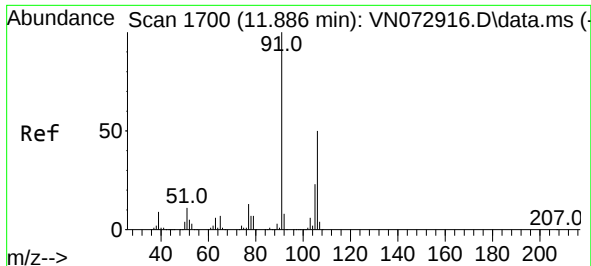
Tgt Ion:117 Resp: 457819
Ion Ratio Lower Upper
117 100
82 55.4 44.2 66.2
119 31.7 25.4 38.0



#67
Ethyl Benzene
Concen: 4.358 ug/l
RT: 11.780 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN072943.D
Acq: 18 Jun 2022 16:33

Tgt Ion: 91 Resp: 68592
Ion Ratio Lower Upper
91 100
106 27.6 24.9 37.3

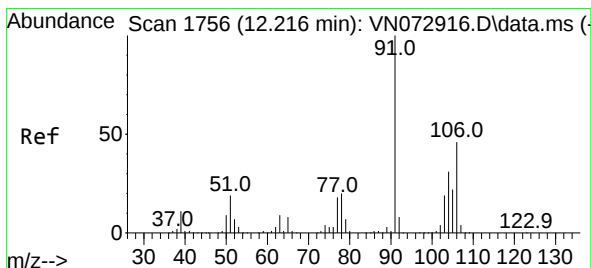
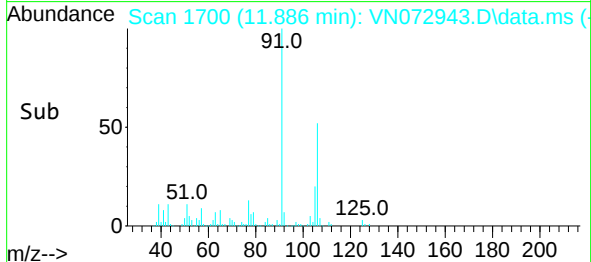
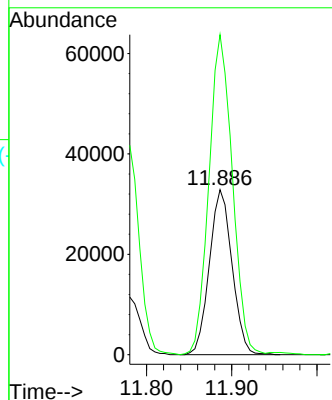
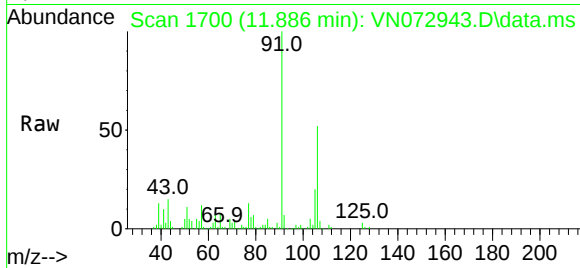




#68
m/p-Xylenes
Concen: 9.841 ug/l
RT: 11.886 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VN072943.D
Acq: 18 Jun 2022 16:33

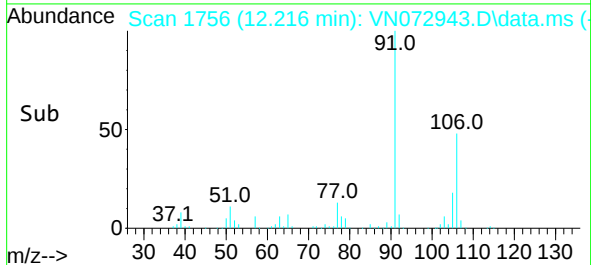
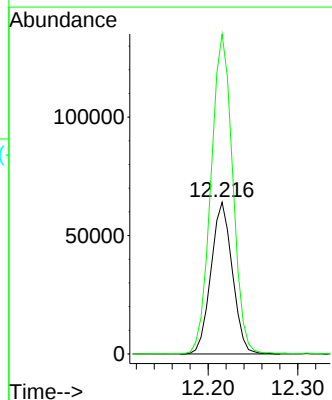
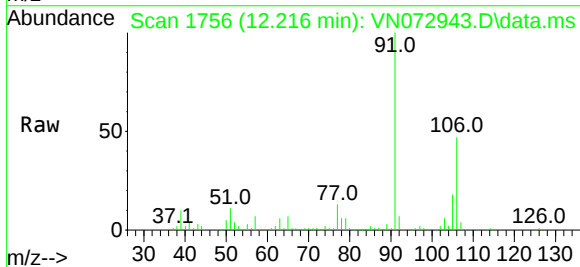
Instrument :
MSVOA_N
ClientSampleId :
WC-14A-1A-11-GR

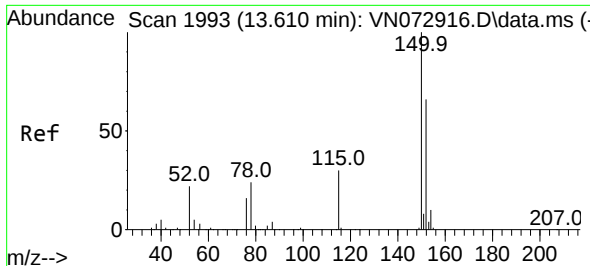
Tgt Ion:106 Resp: 60753
Ion Ratio Lower Upper
106 100
91 200.5 158.9 238.3



#69
o-Xylene
Concen: 17.158 ug/l
RT: 12.216 min Scan# 1756
Delta R.T. 0.000 min
Lab File: VN072943.D
Acq: 18 Jun 2022 16:33

Tgt Ion:106 Resp: 105839
Ion Ratio Lower Upper
106 100
91 215.1 106.0 318.0

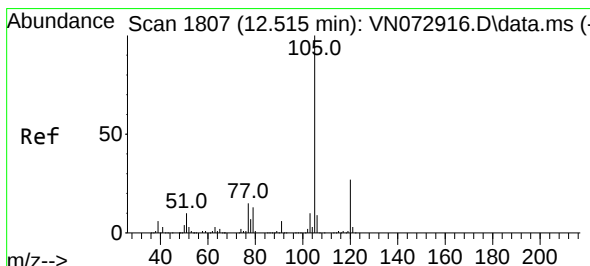
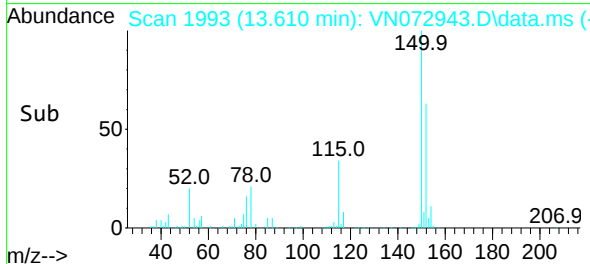
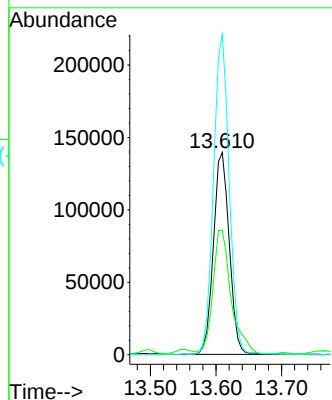
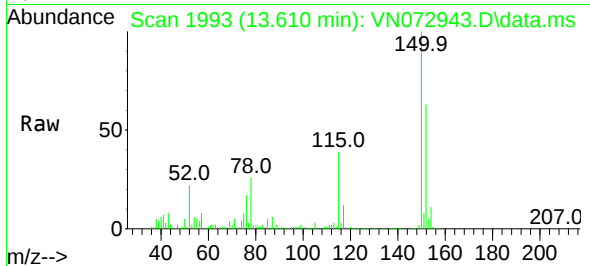




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.610 min Scan# 1993
 Delta R.T. 0.000 min
 Lab File: VN072943.D
 Acq: 18 Jun 2022 16:33

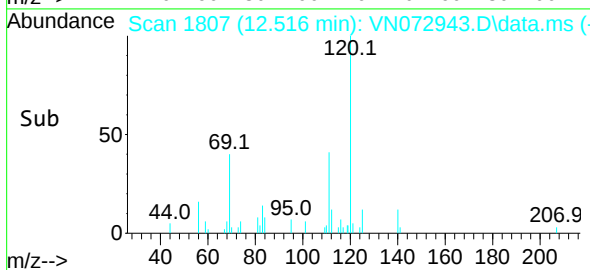
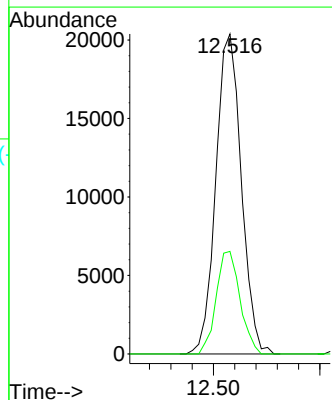
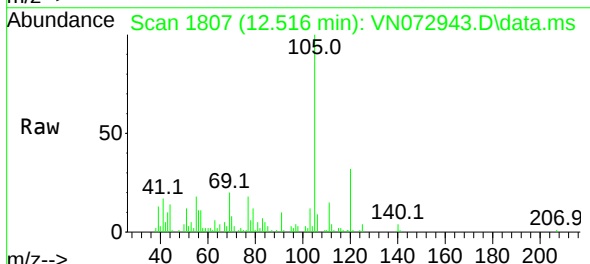
Instrument :
 MSVOA_N
 ClientSampleId :
 WC-14A-1A-11-GR

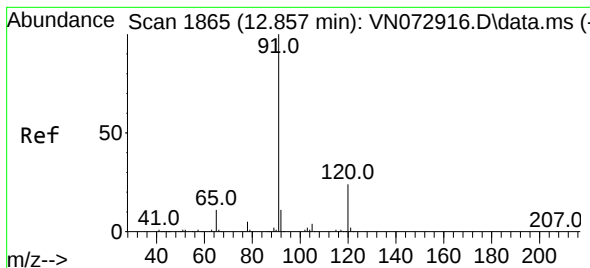
Tgt Ion:152 Resp: 233902
 Ion Ratio Lower Upper
 152 100
 115 70.9 28.9 86.7
 150 157.4 0.0 356.2



#73
 Isopropylbenzene
 Concen: 1.866 ug/l
 RT: 12.516 min Scan# 1807
 Delta R.T. 0.000 min
 Lab File: VN072943.D
 Acq: 18 Jun 2022 16:33

Tgt Ion:105 Resp: 33761
 Ion Ratio Lower Upper
 105 100
 120 29.9 13.5 40.4





#78

n-propylbenzene

Concen: 2.768 ug/l

RT: 12.857 min Scan# 1865

Delta R.T. 0.000 min

Lab File: VN072943.D

Acq: 18 Jun 2022 16:33

Instrument :

MSVOA_N

ClientSampleId :

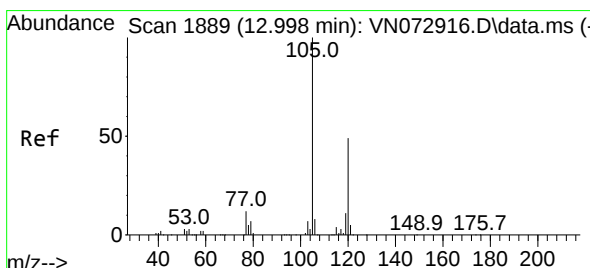
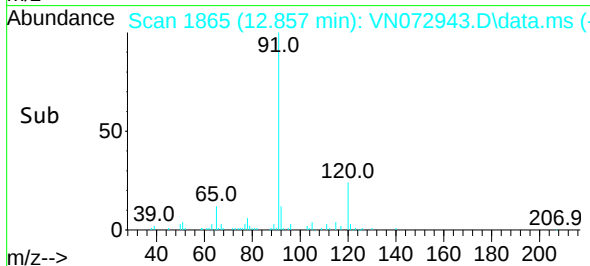
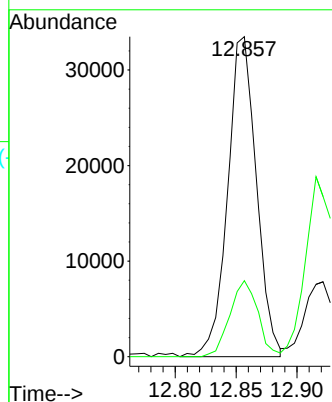
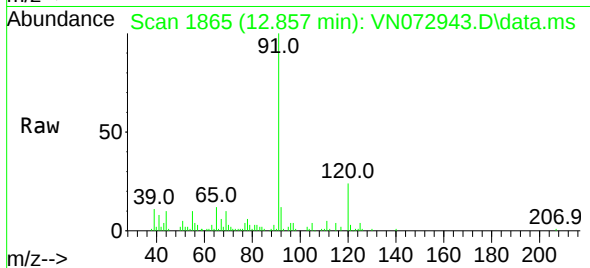
WC-14A-1A-11-GR

Tgt Ion: 91 Resp: 55089

Ion Ratio Lower Upper

91 100

120 23.2 11.9 35.5



#80

1,3,5-Trimethylbenzene

Concen: 13.524 ug/l

RT: 12.992 min Scan# 1888

Delta R.T. -0.006 min

Lab File: VN072943.D

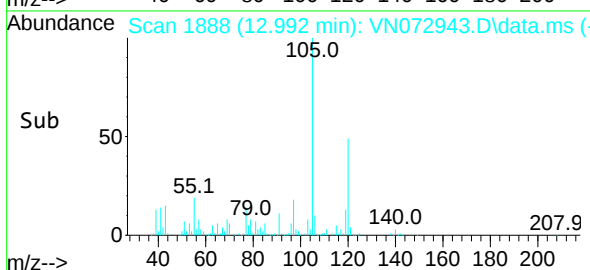
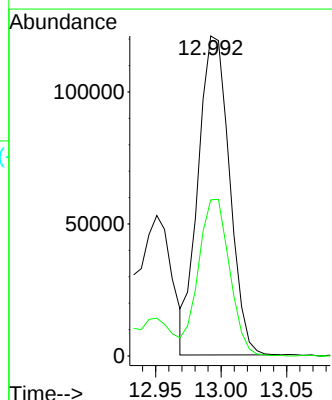
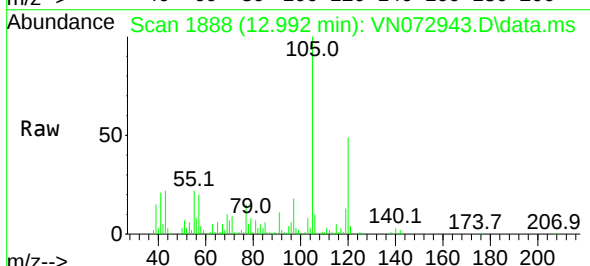
Acq: 18 Jun 2022 16:33

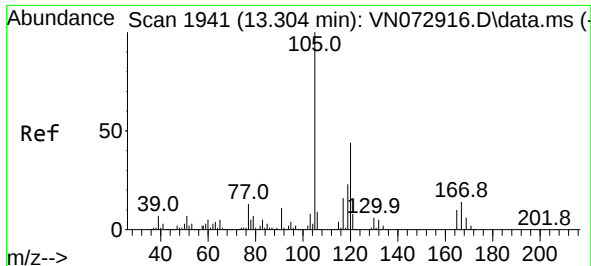
Tgt Ion:105 Resp: 201017

Ion Ratio Lower Upper

105 100

120 49.1 24.9 74.7

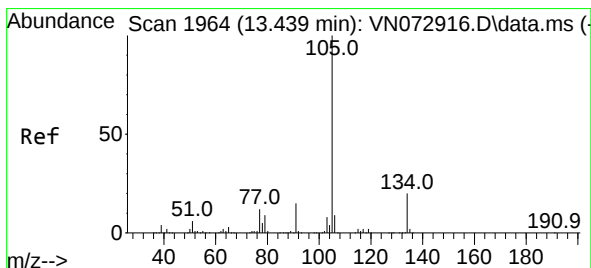
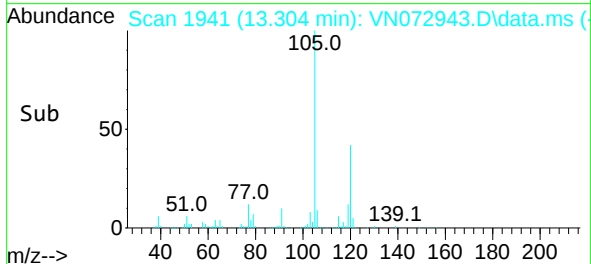
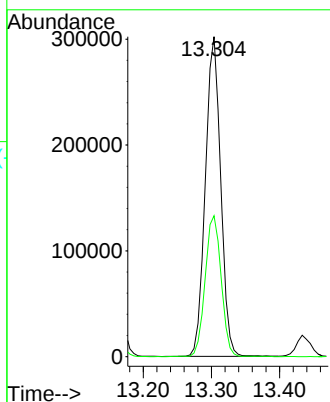
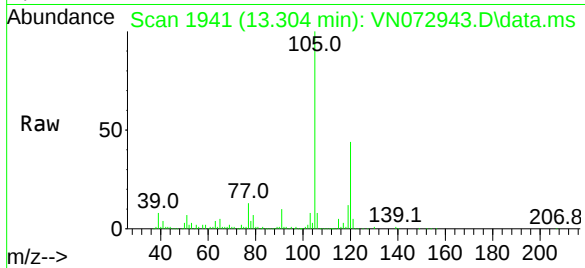




#84
1,2,4-Trimethylbenzene
Concen: 32.007 ug/l
RT: 13.304 min Scan# 1941
Delta R.T. 0.000 min
Lab File: VN072943.D
Acq: 18 Jun 2022 16:33

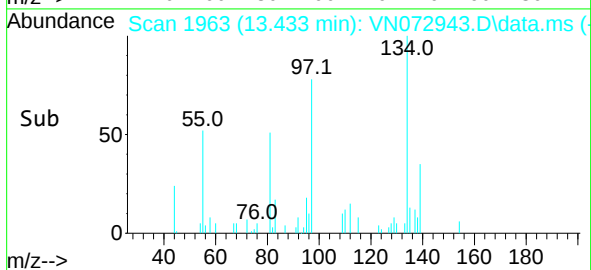
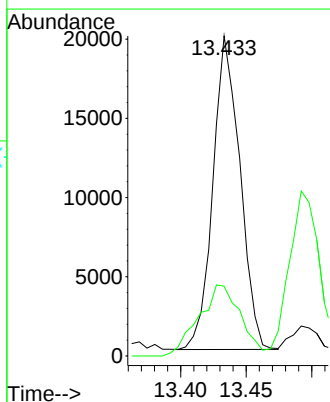
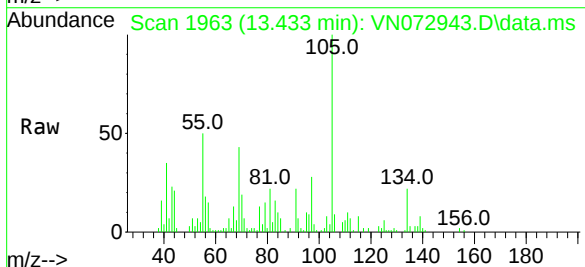
Instrument :
MSVOA_N
ClientSampleId :
WC-14A-1A-11-GR

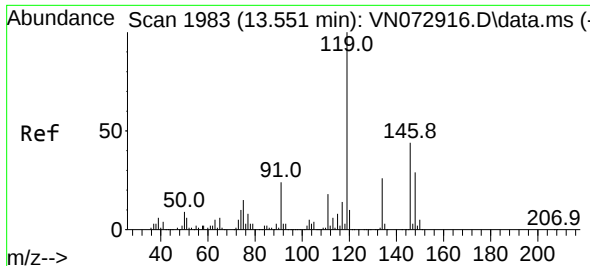
Tgt Ion:105 Resp: 473854
Ion Ratio Lower Upper
105 100
120 45.9 23.3 69.8



#85
sec-Butylbenzene
Concen: 1.562 ug/l
RT: 13.433 min Scan# 1963
Delta R.T. -0.006 min
Lab File: VN072943.D
Acq: 18 Jun 2022 16:33

Tgt Ion:105 Resp: 28368
Ion Ratio Lower Upper
105 100
134 34.6 10.4 31.1#

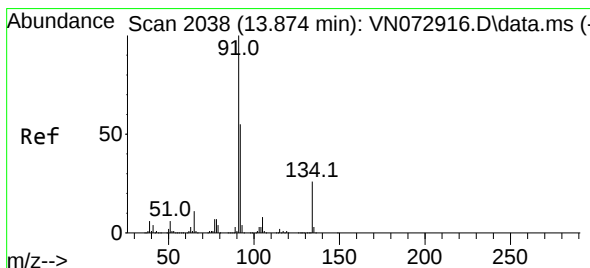
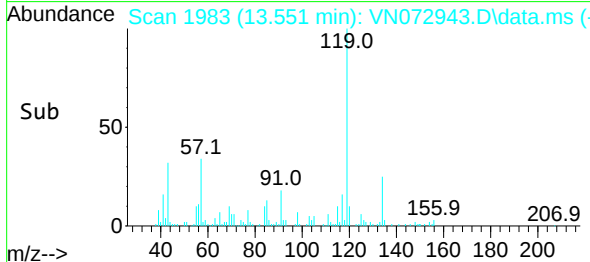
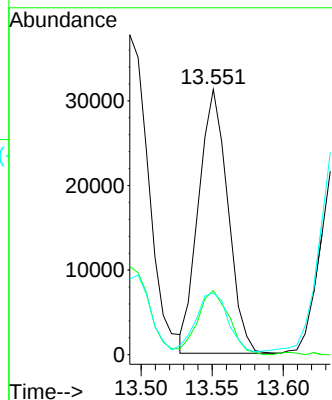
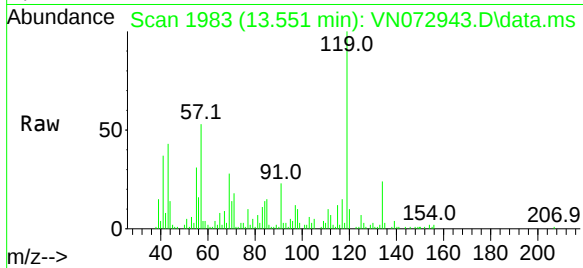




#86
p-Isopropyltoluene
Concen: 3.038 ug/l
RT: 13.551 min Scan# 1983
Delta R.T. 0.000 min
Lab File: VN072943.D
Acq: 18 Jun 2022 16:33

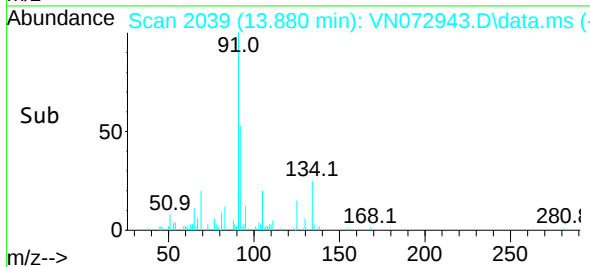
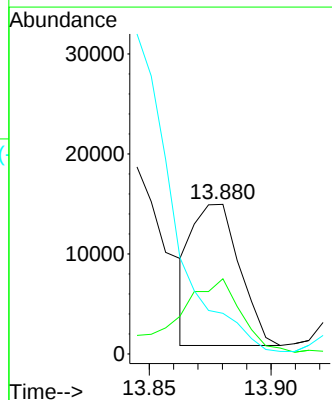
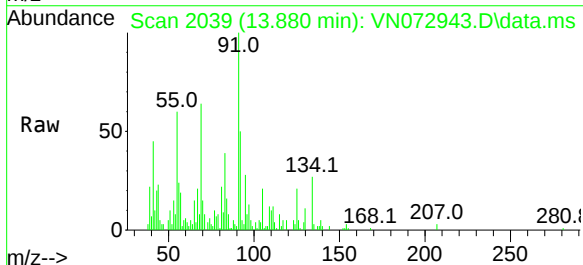
Instrument :
MSVOA_N
ClientSampleId :
WC-14A-1A-11-GR

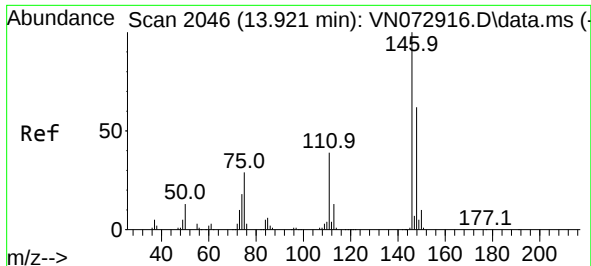
Tgt Ion:119 Resp: 44668
Ion Ratio Lower Upper
119 100
134 25.9 13.3 39.8
91 24.5 11.3 33.9



#89
n-Butylbenzene
Concen: 1.588 ug/l
RT: 13.880 min Scan# 2039
Delta R.T. 0.006 min
Lab File: VN072943.D
Acq: 18 Jun 2022 16:33

Tgt Ion: 91 Resp: 19070
Ion Ratio Lower Upper
91 100
92 73.2 26.9 80.7
134 0.0 13.6 40.8#

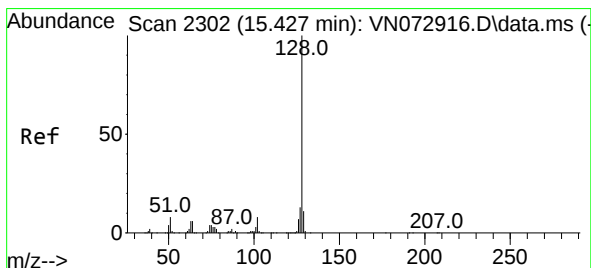
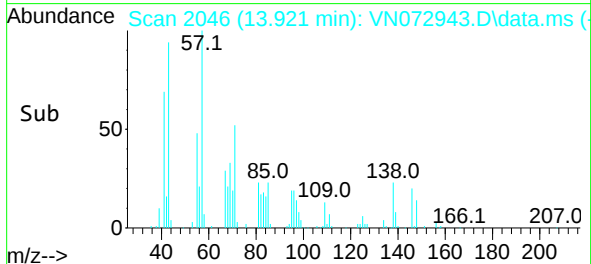
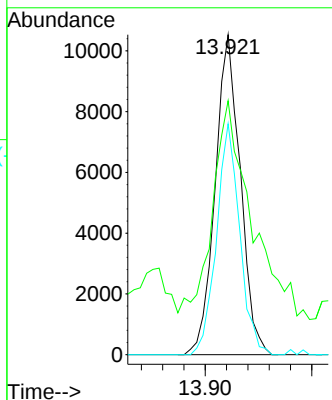
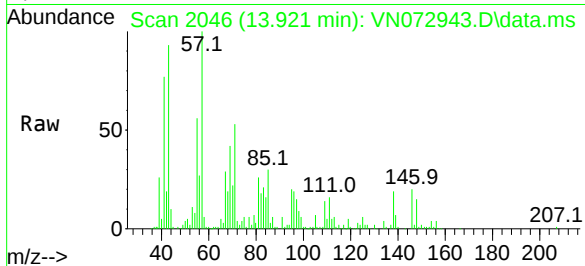




#91
1,2-Dichlorobenzene
Concen: 2.138 ug/l
RT: 13.921 min Scan# 2046
Delta R.T. 0.000 min
Lab File: VN072943.D
Acq: 18 Jun 2022 16:33

Instrument :
MSVOA_N
ClientSampleId :
WC-14A-1A-11-GR

Tgt Ion:146 Resp: 17258
Ion Ratio Lower Upper
146 100
111 110.6 20.9 62.8#
148 66.5 32.1 96.3



#95
Naphthalene
Concen: 21.144 ug/l
RT: 15.427 min Scan# 2302
Delta R.T. 0.000 min
Lab File: VN072943.D
Acq: 18 Jun 2022 16:33

Tgt Ion:128 Resp: 382058
Ion Ratio Lower Upper
128 100
127 13.3 10.3 15.5
129 11.5 8.6 13.0

