

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062322\
 Data File : VN073054.D
 Acq On : 23 Jun 2022 17:29
 Operator : JC\MD
 Sample : N3431-24
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-14B-2-5-GR

Quant Time: Jun 24 01:19:57 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)

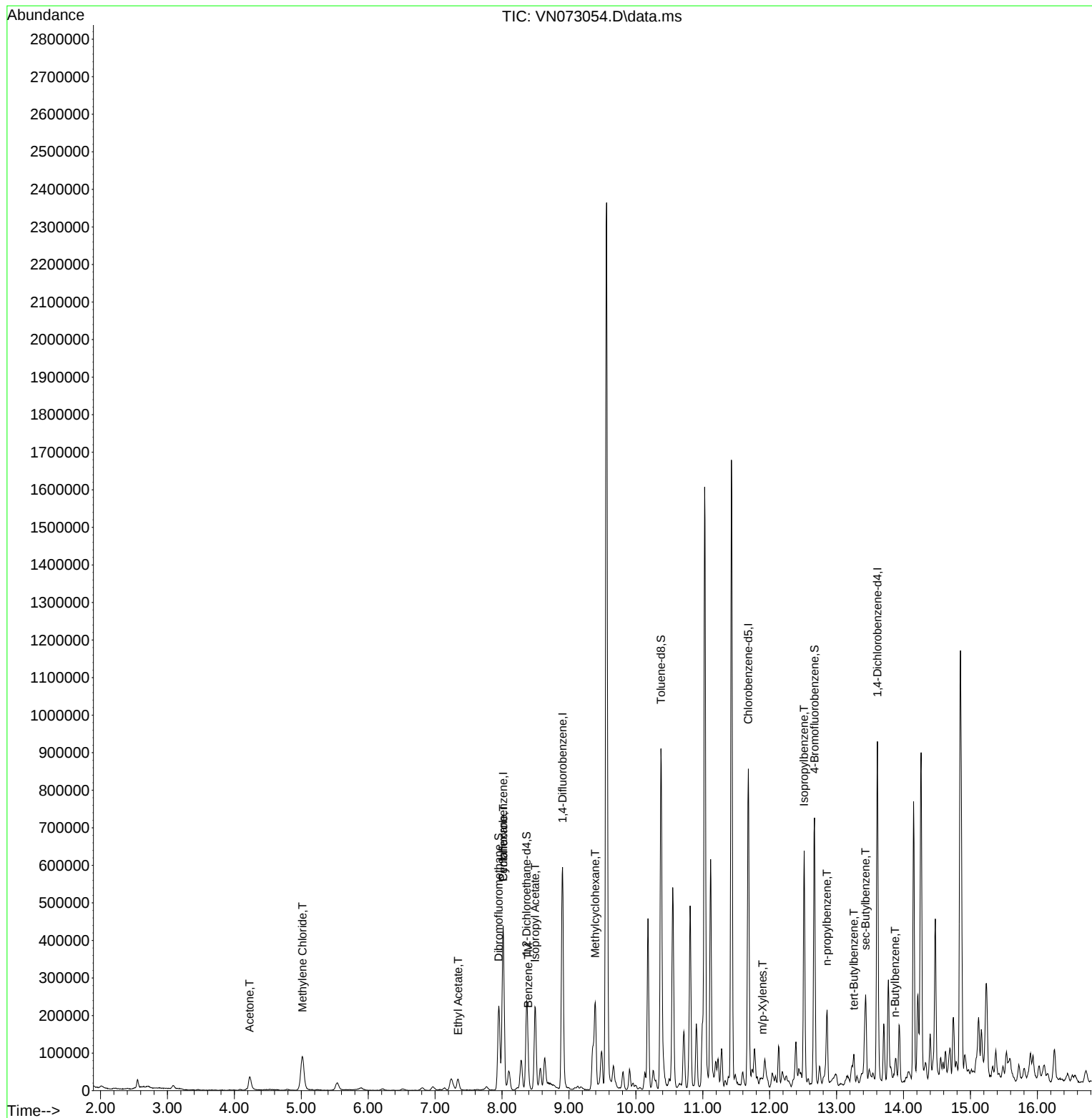
Internal Standards						
1) Pentafluorobenzene	8.016	168	318655	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	529109	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	475350	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	240080	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	193056	44.812	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	89.620%		
35) Dibromofluoromethane	7.951	113	166968	51.055	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	102.100%		
50) Toluene-d8	10.375	98	552938	45.438	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	90.880%		
62) 4-Bromofluorobenzene	12.669	95	243624	55.675	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	111.340%		
Target Compounds					Qvalue	
16) Acetone	4.228	43	70158	29.626	ug/l	89
20) Methylene Chloride	5.016	84	68135	18.396	ug/l	89
31) Cyclohexane	8.016	56	14150	2.428	ug/l #	54
37) Ethyl Acetate	7.345	43	48180	6.807	ug/l	97
39) Methylcyclohexane	9.392	83	106441	19.956	ug/l	91
40) Benzene	8.392	78	21502	1.546	ug/l	92
43) Isopropyl Acetate	8.492	43	212216	20.974	ug/l #	86
68) m/p-Xylenes	11.892	106	6656	1.038	ug/l	93
73) Isopropylbenzene	12.516	105	400481	21.562	ug/l	99
78) n-propylbenzene	12.857	91	156430	7.657	ug/l	97
83) tert-Butylbenzene	13.257	119	35555	2.545	ug/l	93
85) sec-Butylbenzene	13.433	105	141989	7.618	ug/l	80
89) n-Butylbenzene	13.874	91	21371	1.734	ug/l	95

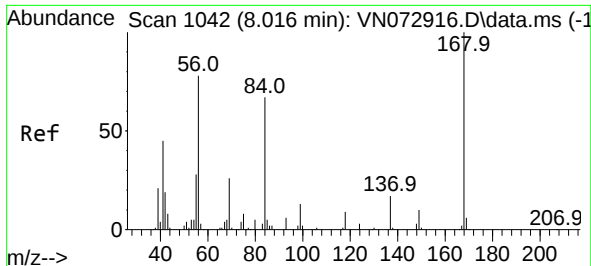
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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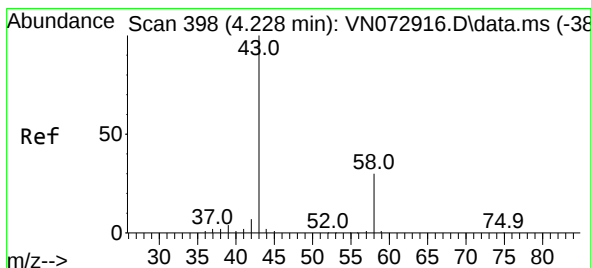
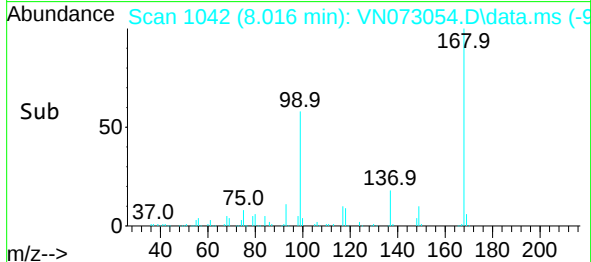
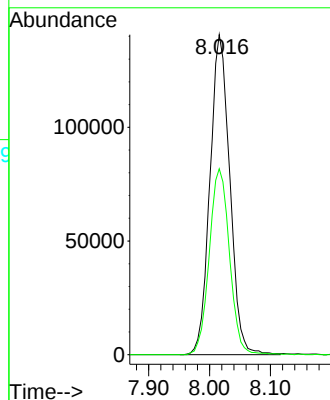
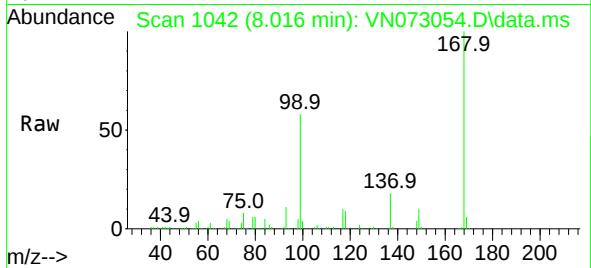




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073054.D
Acq: 23 Jun 2022 17:29

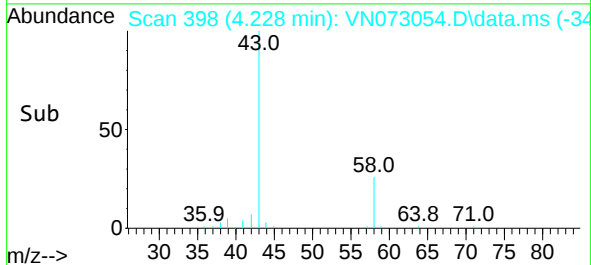
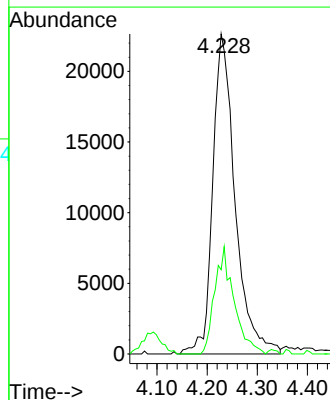
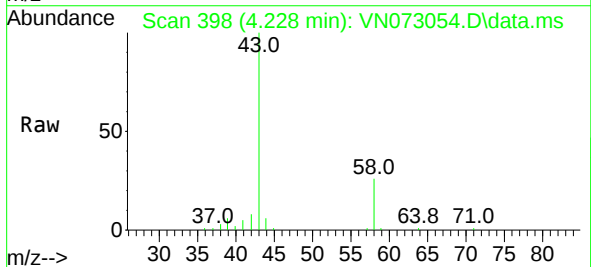
Instrument :
MSVOA_N
ClientSampleId :
WC-14B-2-5-GR

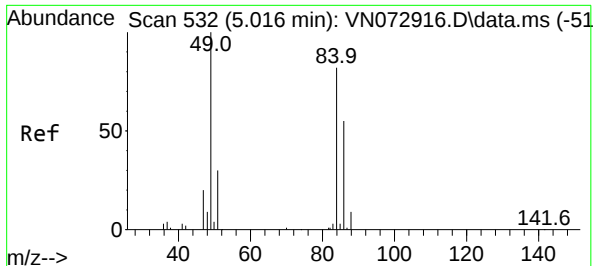
Tgt Ion:168 Resp: 318655
Ion Ratio Lower Upper
168 100
99 58.1 42.3 63.5



#16
Acetone
Concen: 29.626 ug/l
RT: 4.228 min Scan# 398
Delta R.T. 0.000 min
Lab File: VN073054.D
Acq: 23 Jun 2022 17:29

Tgt Ion: 43 Resp: 70158
Ion Ratio Lower Upper
43 100
58 26.3 26.0 39.0

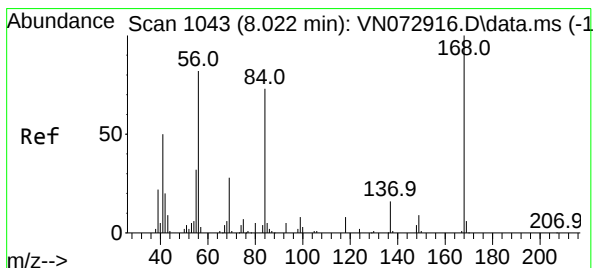
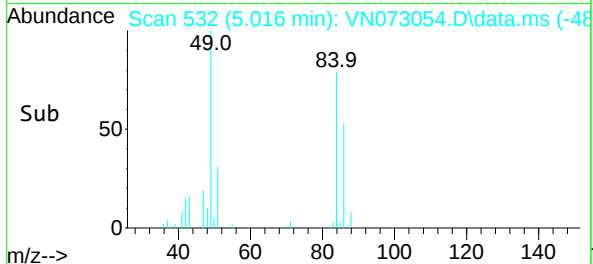
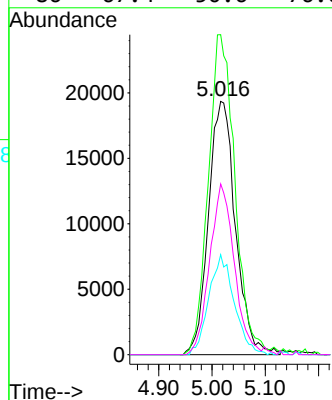
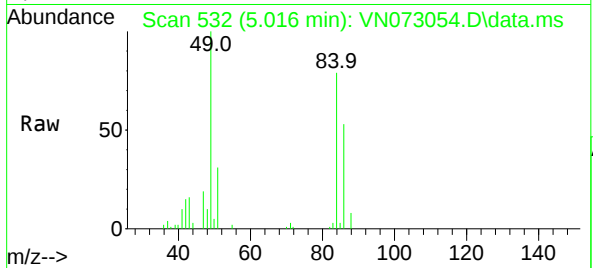




#20
Methylene Chloride
Concen: 18.396 ug/l
RT: 5.016 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN073054.D
Acq: 23 Jun 2022 17:29

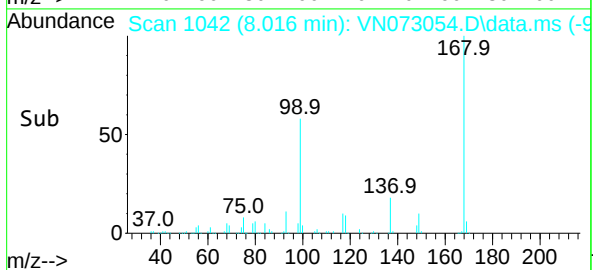
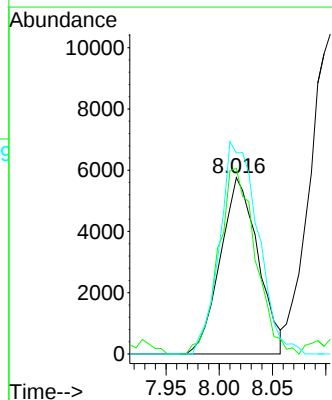
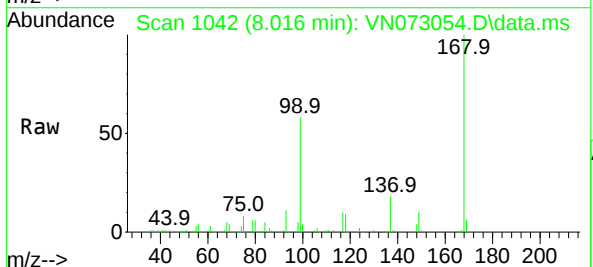
Instrument :
MSVOA_N
ClientSampleId :
WC-14B-2-5-GR

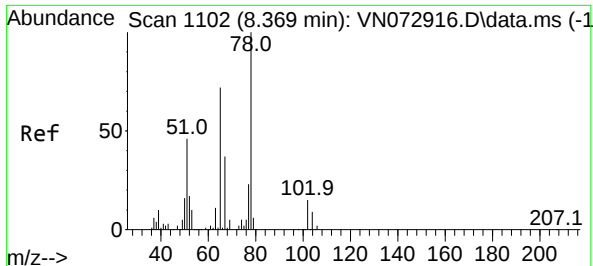
Tgt Ion:	84	Resp:	68135
Ion	Ratio	Lower	Upper
84	100		
49	126.3	88.3	132.5
51	39.5	28.2	42.2
86	67.4	50.6	76.0



#31
Cyclohexane
Concen: 2.428 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.006 min
Lab File: VN073054.D
Acq: 23 Jun 2022 17:29

Tgt Ion:	56	Resp:	14150
Ion	Ratio	Lower	Upper
56	100		
69	105.3	27.8	41.8#
84	114.1	76.9	115.3





#33

1,2-Dichloroethane-d4

Concen: 44.812 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VN073054.D

Acq: 23 Jun 2022 17:29

Instrument :

MSVOA_N

ClientSampleId :

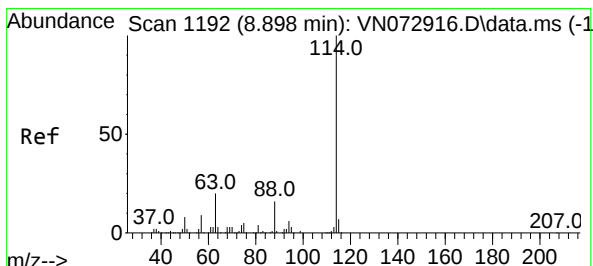
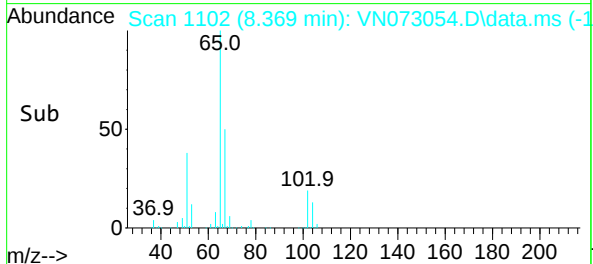
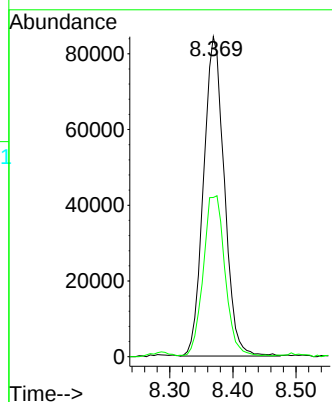
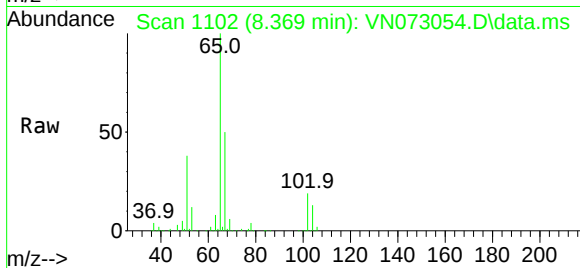
WC-14B-2-5-GR

Tgt Ion: 65 Resp: 193056

Ion Ratio Lower Upper

65 100

67 52.9 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: VN073054.D

Acq: 23 Jun 2022 17:29

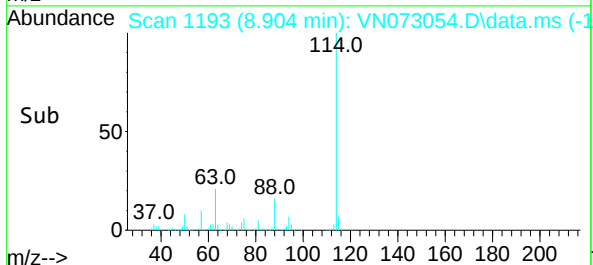
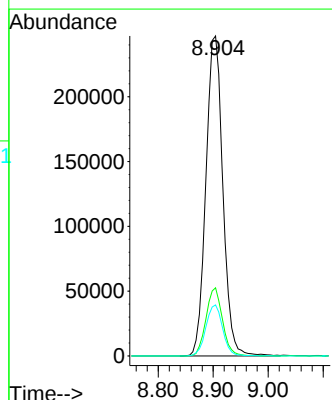
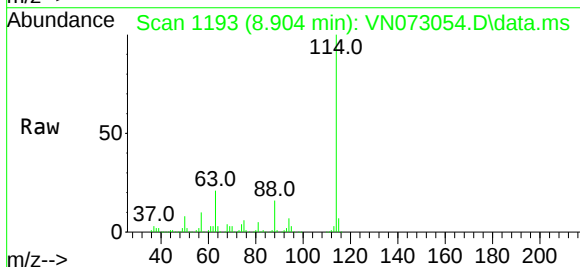
Tgt Ion: 114 Resp: 529109

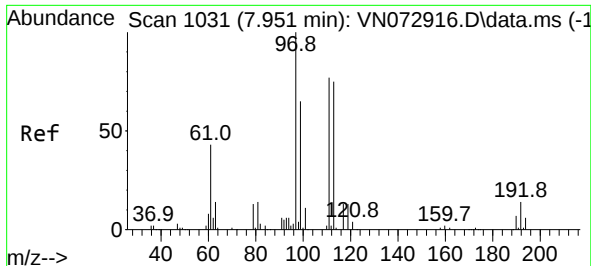
Ion Ratio Lower Upper

114 100

63 21.3 0.0 40.0

88 16.0 0.0 32.6

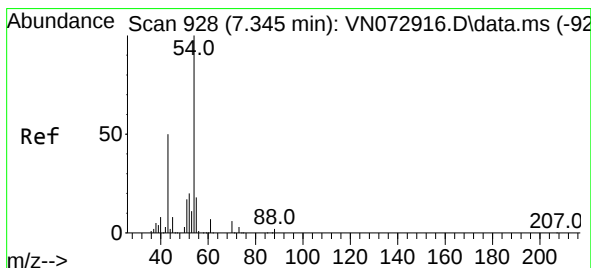
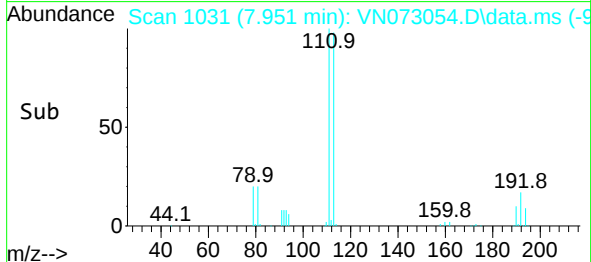
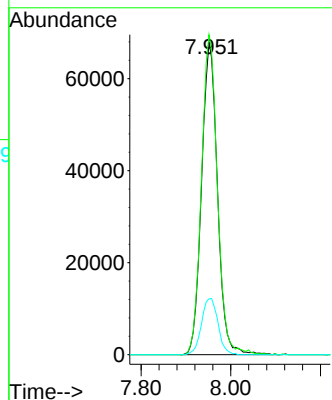
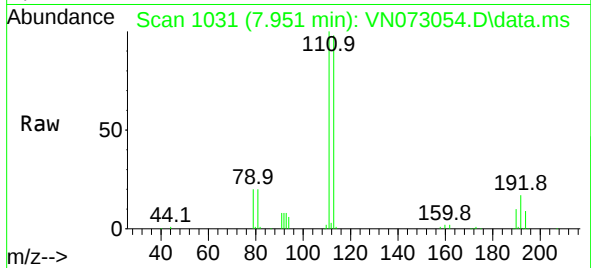




#35
Dibromofluoromethane
Concen: 51.055 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VN073054.D
Acq: 23 Jun 2022 17:29

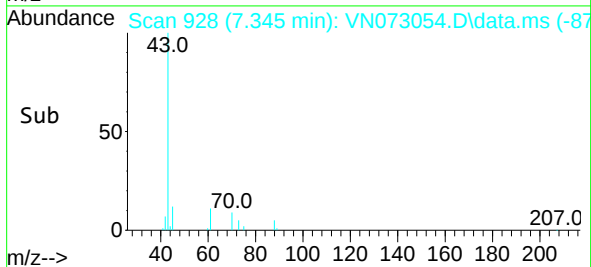
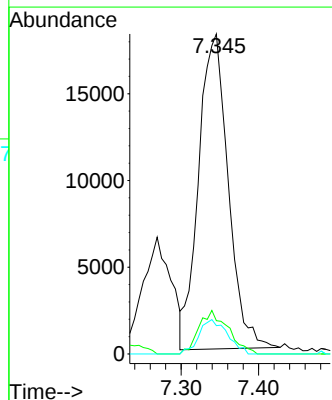
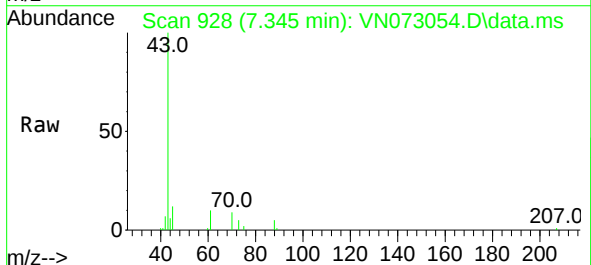
Instrument :
MSVOA_N
ClientSampleId :
WC-14B-2-5-GR

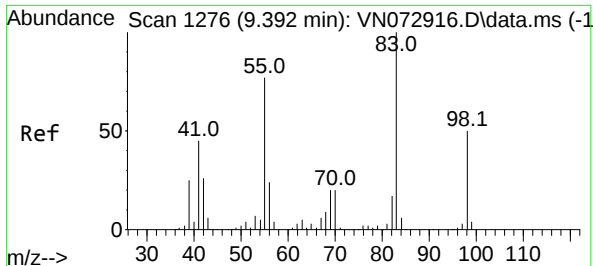
Tgt Ion:113 Resp: 166968
Ion Ratio Lower Upper
113 100
111 102.7 81.4 122.0
192 18.6 17.0 25.6



#37
Ethyl Acetate
Concen: 6.807 ug/l
RT: 7.345 min Scan# 928
Delta R.T. 0.000 min
Lab File: VN073054.D
Acq: 23 Jun 2022 17:29

Tgt Ion: 43 Resp: 48180
Ion Ratio Lower Upper
43 100
61 13.7 11.8 17.6
70 10.5 9.3 13.9





#39

Methylcyclohexane

Concen: 19.956 ug/l

RT: 9.392 min Scan# 1106

Delta R.T. 0.000 min

Lab File: VN073054.D

Acq: 23 Jun 2022 17:29

Instrument :

MSVOA_N

ClientSampleId :

WC-14B-2-5-GR

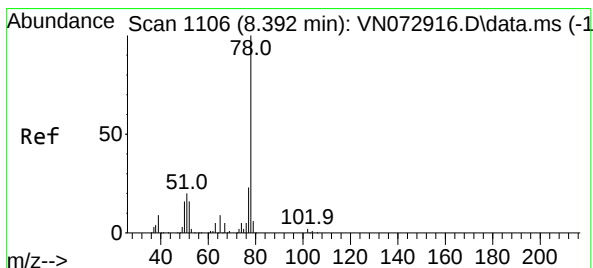
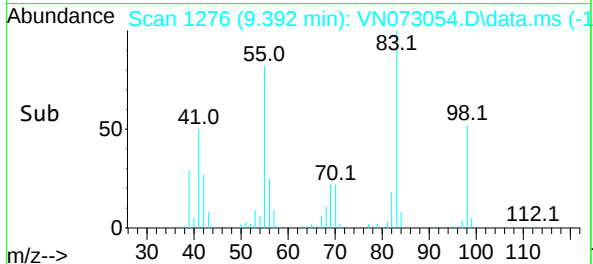
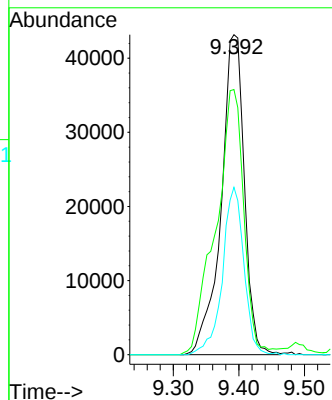
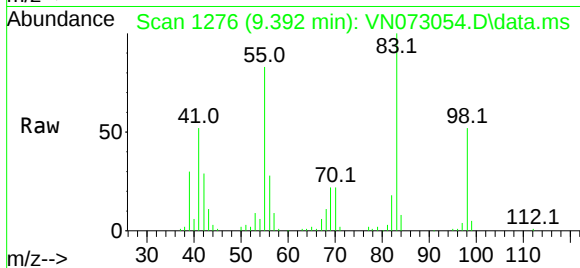
Tgt Ion: 83 Resp: 106441

Ion Ratio Lower Upper

83 100

55 82.8 57.8 86.8

98 52.3 39.4 59.2



#40

Benzene

Concen: 1.546 ug/l

RT: 8.392 min Scan# 1106

Delta R.T. 0.000 min

Lab File: VN073054.D

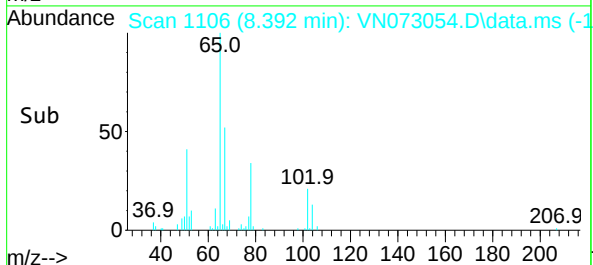
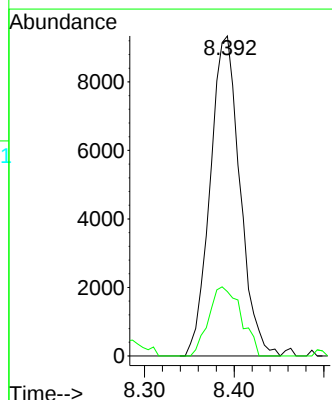
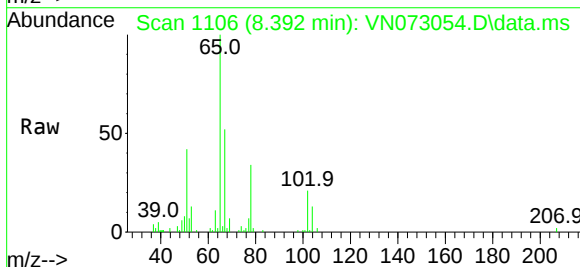
Acq: 23 Jun 2022 17:29

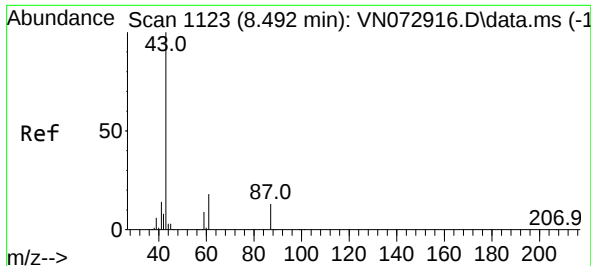
Tgt Ion: 78 Resp: 21502

Ion Ratio Lower Upper

78 100

77 20.1 19.4 29.0

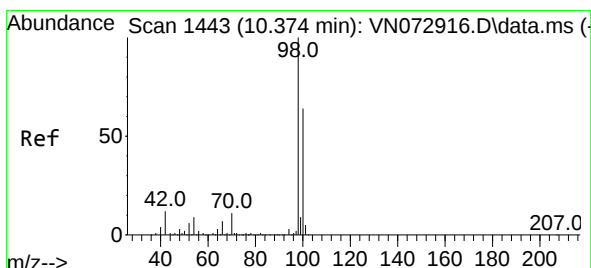
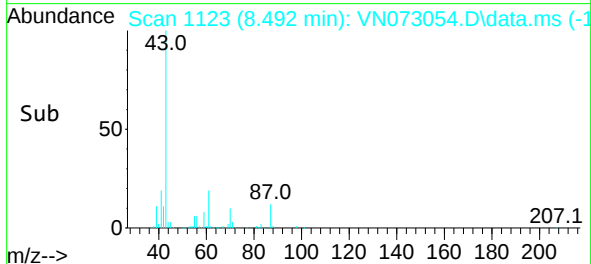
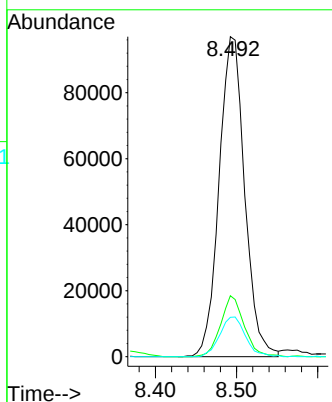
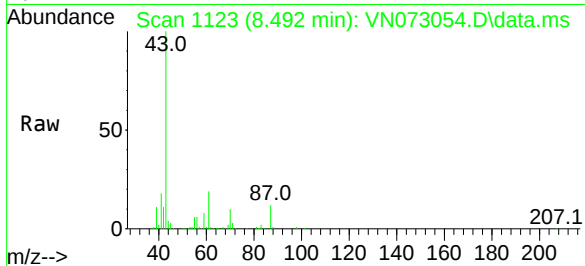




#43
Isopropyl Acetate
Concen: 20.974 ug/l
RT: 8.492 min Scan# 1123
Delta R.T. 0.000 min
Lab File: VN073054.D
Acq: 23 Jun 2022 17:29

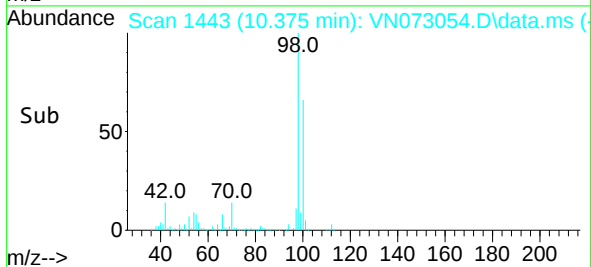
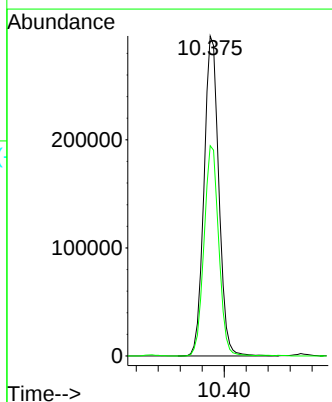
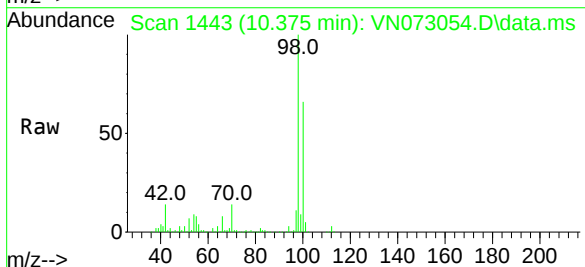
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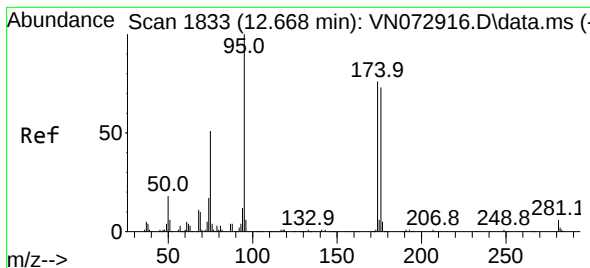
Tgt Ion: 43 Resp: 212216
Ion Ratio Lower Upper
43 100
61 17.5 21.9 32.9#
87 12.5 12.0 18.0



#50
Toluene-d8
Concen: 45.438 ug/l
RT: 10.375 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN073054.D
Acq: 23 Jun 2022 17:29

Tgt Ion: 98 Resp: 552938
Ion Ratio Lower Upper
98 100
100 65.3 52.6 78.8

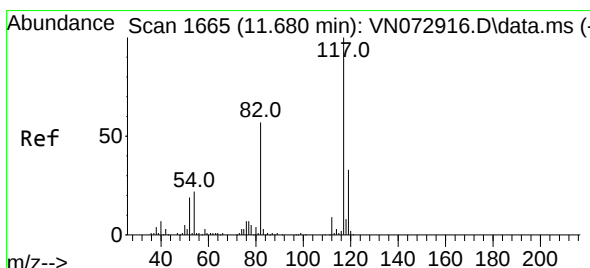
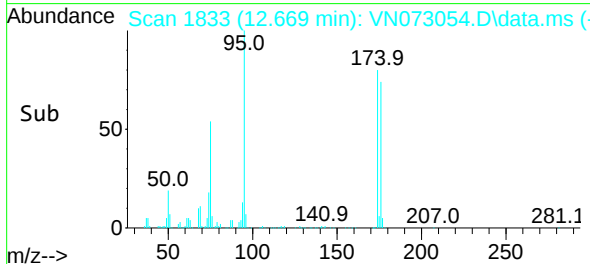
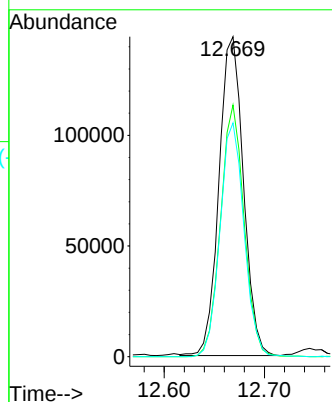
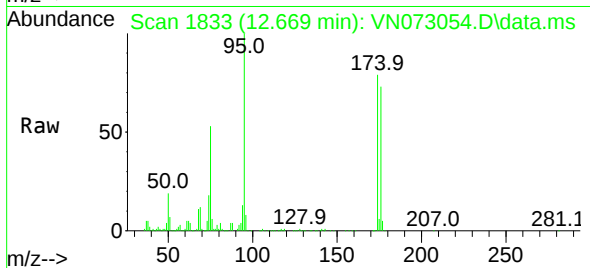




#62
4-Bromofluorobenzene
Concen: 55.675 ug/l
RT: 12.669 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN073054.D
Acq: 23 Jun 2022 17:29

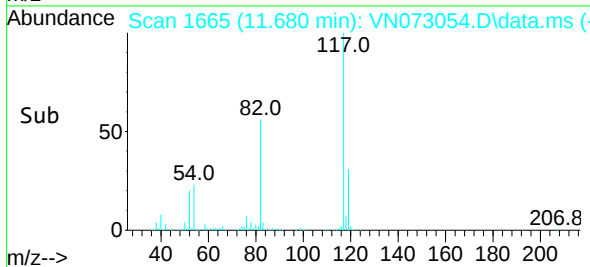
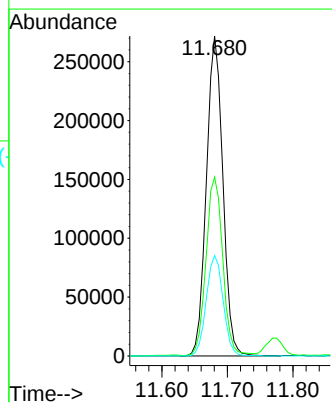
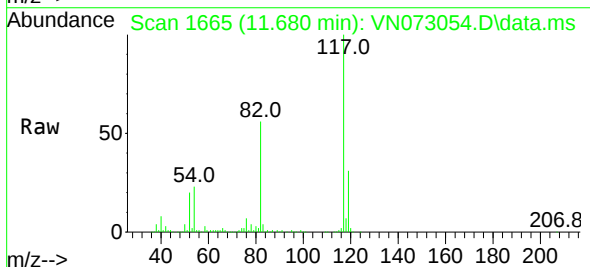
Instrument :
MSVOA_N
ClientSampleId :
WC-14B-2-5-GR

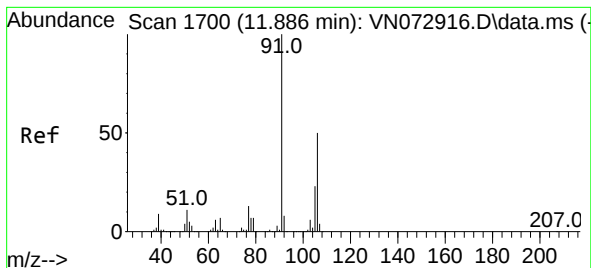
Tgt Ion: 95 Resp: 243624
Ion Ratio Lower Upper
95 100
174 76.1 0.0 167.6
176 72.1 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VN073054.D
Acq: 23 Jun 2022 17:29

Tgt Ion: 117 Resp: 475350
Ion Ratio Lower Upper
117 100
82 55.7 44.2 66.2
119 31.4 25.4 38.0

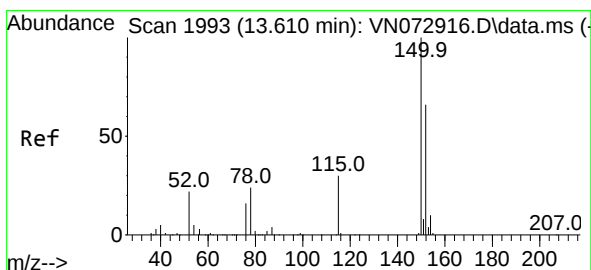
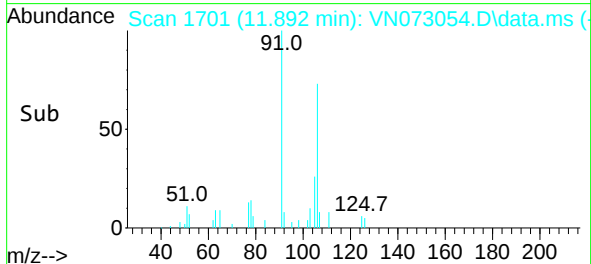
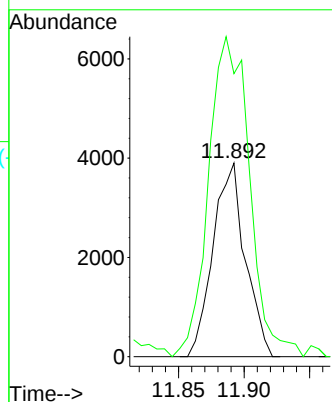
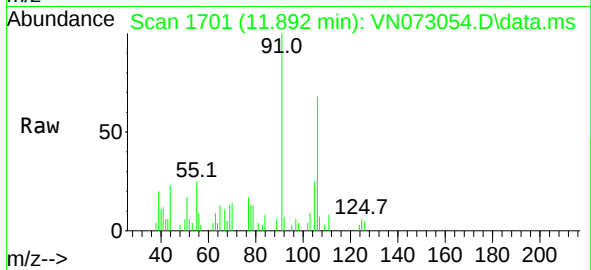




#68
m/p-Xylenes
Concen: 1.038 ug/l
RT: 11.892 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VN073054.D
Acq: 23 Jun 2022 17:29

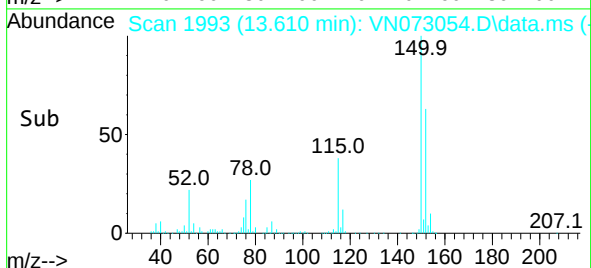
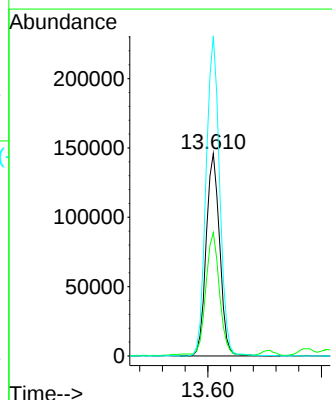
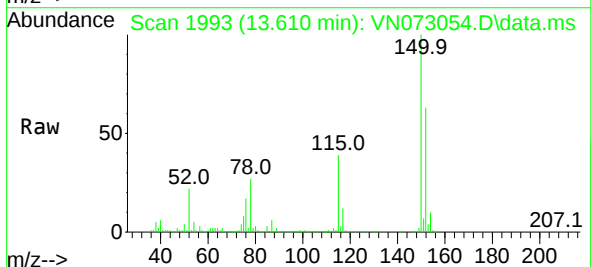
Instrument :
MSVOA_N
ClientSampleId :
WC-14B-2-5-GR

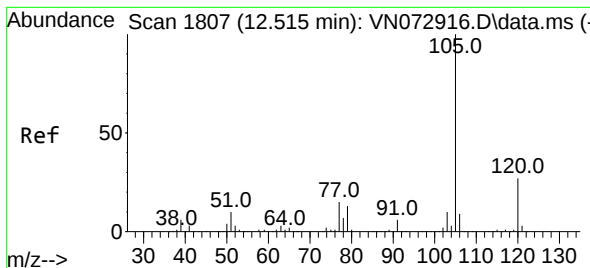
Tgt Ion:106 Resp: 6656
Ion Ratio Lower Upper
106 100
91 209.8 158.9 238.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. 0.000 min
Lab File: VN073054.D
Acq: 23 Jun 2022 17:29

Tgt Ion:152 Resp: 240080
Ion Ratio Lower Upper
152 100
115 60.9 28.9 86.7
150 158.2 0.0 356.2





#73

Isopropylbenzene

Concen: 21.562 ug/l

RT: 12.516 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VN073054.D

Acq: 23 Jun 2022 17:29

Instrument :

MSVOA_N

ClientSampleId :

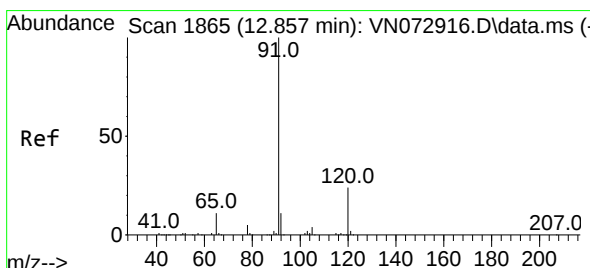
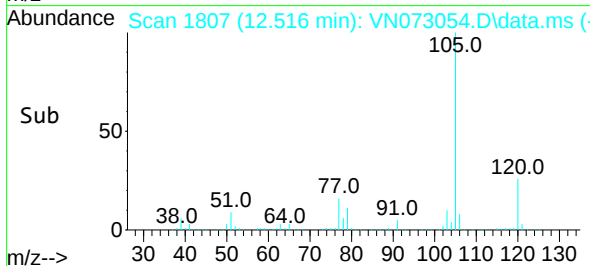
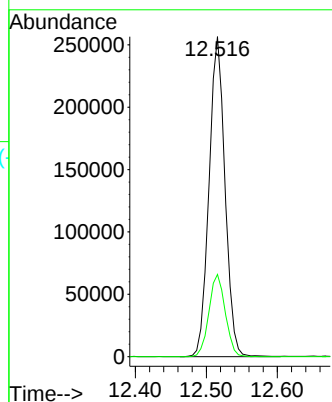
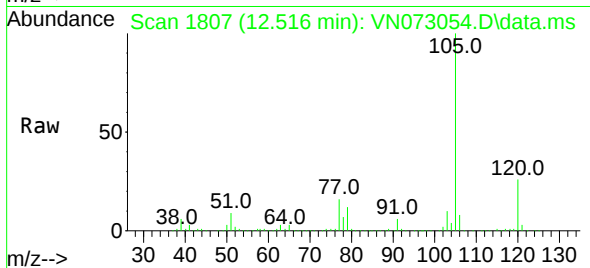
WC-14B-2-5-GR

Tgt Ion:105 Resp: 400481

Ion Ratio Lower Upper

105 100

120 26.3 13.5 40.4



#78

n-propylbenzene

Concen: 7.657 ug/l

RT: 12.857 min Scan# 1865

Delta R.T. 0.000 min

Lab File: VN073054.D

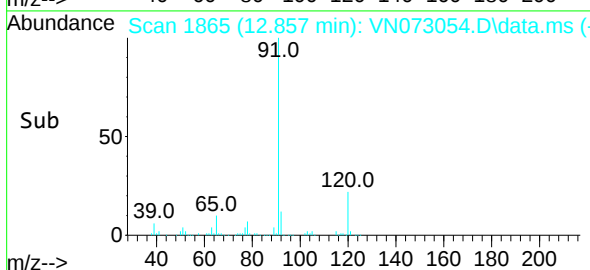
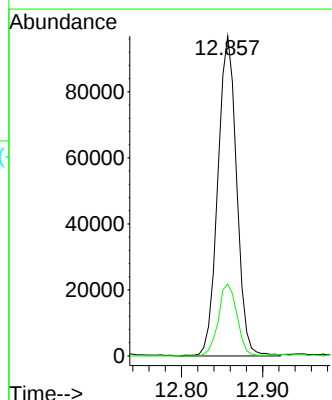
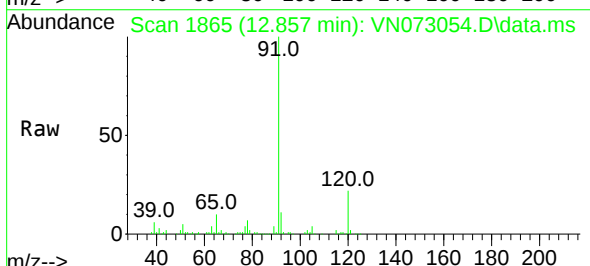
Acq: 23 Jun 2022 17:29

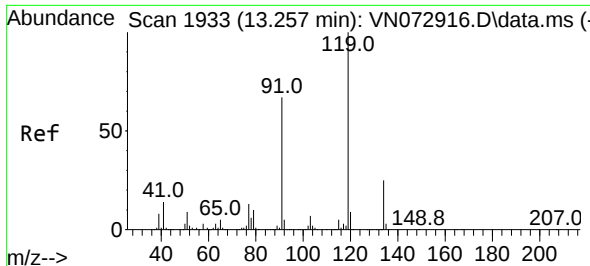
Tgt Ion: 91 Resp: 156430

Ion Ratio Lower Upper

91 100

120 22.3 11.9 35.5

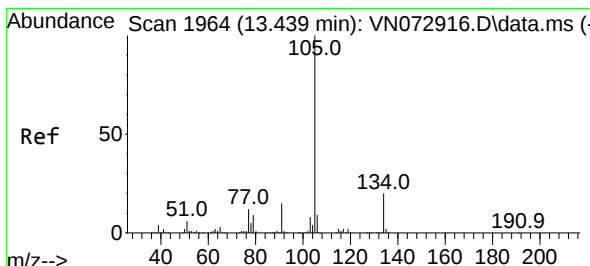
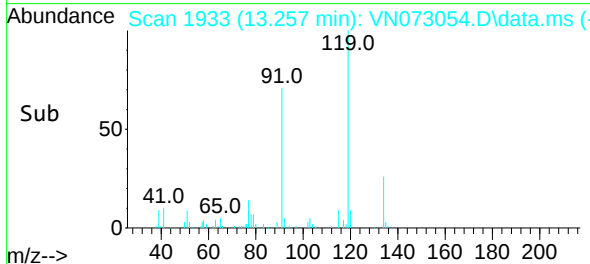
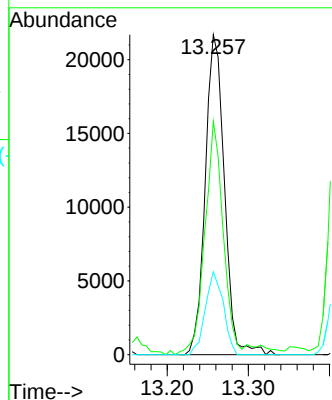
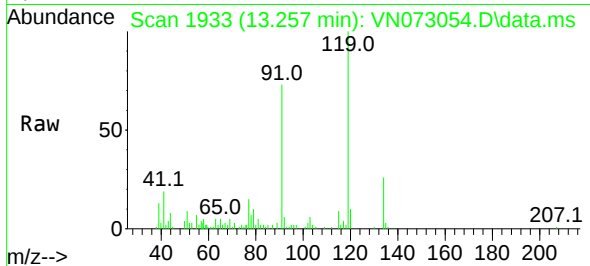




#83
tert-Butylbenzene
Concen: 2.545 ug/l
RT: 13.257 min Scan# 1933
Delta R.T. 0.000 min
Lab File: VN073054.D
Acq: 23 Jun 2022 17:29

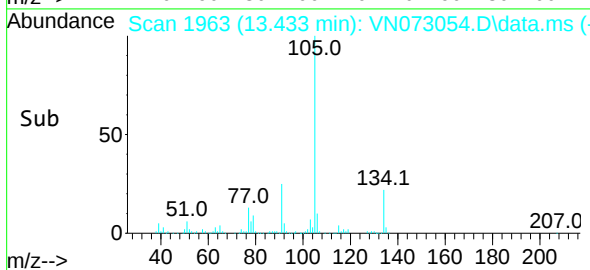
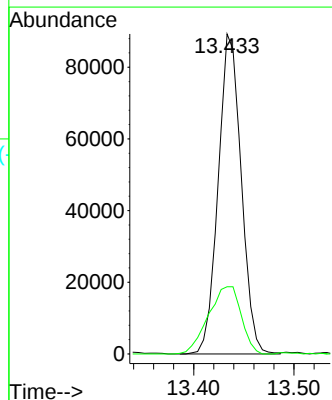
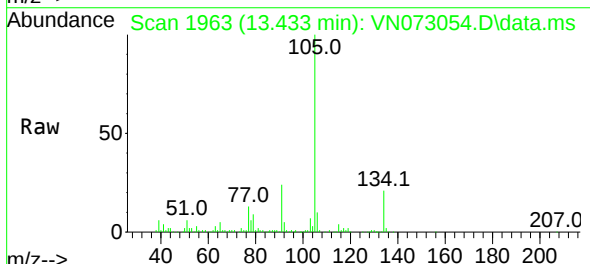
Instrument :
MSVOA_N
ClientSampleId :
WC-14B-2-5-GR

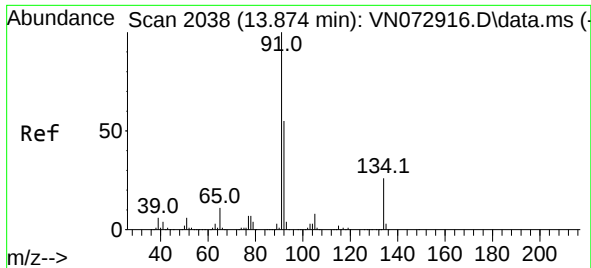
Tgt Ion:119 Resp: 35555
Ion Ratio Lower Upper
119 100
91 69.4 31.6 94.8
134 24.3 13.7 41.1



#85
sec-Butylbenzene
Concen: 7.618 ug/l
RT: 13.433 min Scan# 1963
Delta R.T. -0.006 min
Lab File: VN073054.D
Acq: 23 Jun 2022 17:29

Tgt Ion:105 Resp: 141989
Ion Ratio Lower Upper
105 100
134 30.0 10.4 31.1





#89

n-Butylbenzene

Concen: 1.734 ug/l

RT: 13.874 min Scan# 2038

Delta R.T. 0.000 min

Lab File: VN073054.D

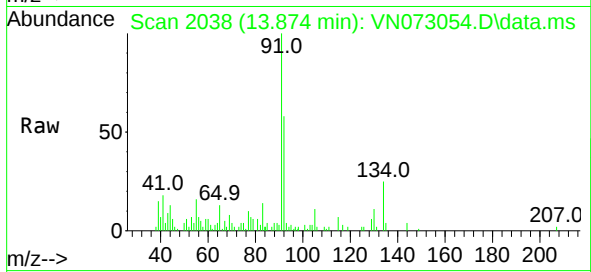
Acq: 23 Jun 2022 17:29

Instrument :

MSVOA_N

ClientSampleId :

WC-14B-2-5-GR



Tgt Ion: 91 Resp: 21371

Ion Ratio Lower Upper

91 100

92 55.8 26.9 80.7

134 32.7 13.6 40.8

