

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062322\
 Data File : VN073056.D
 Acq On : 23 Jun 2022 18:17
 Operator : JC\MD
 Sample : N3431-18
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-14B-2-4-GR

Quant Time: Jun 24 01:20:23 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)

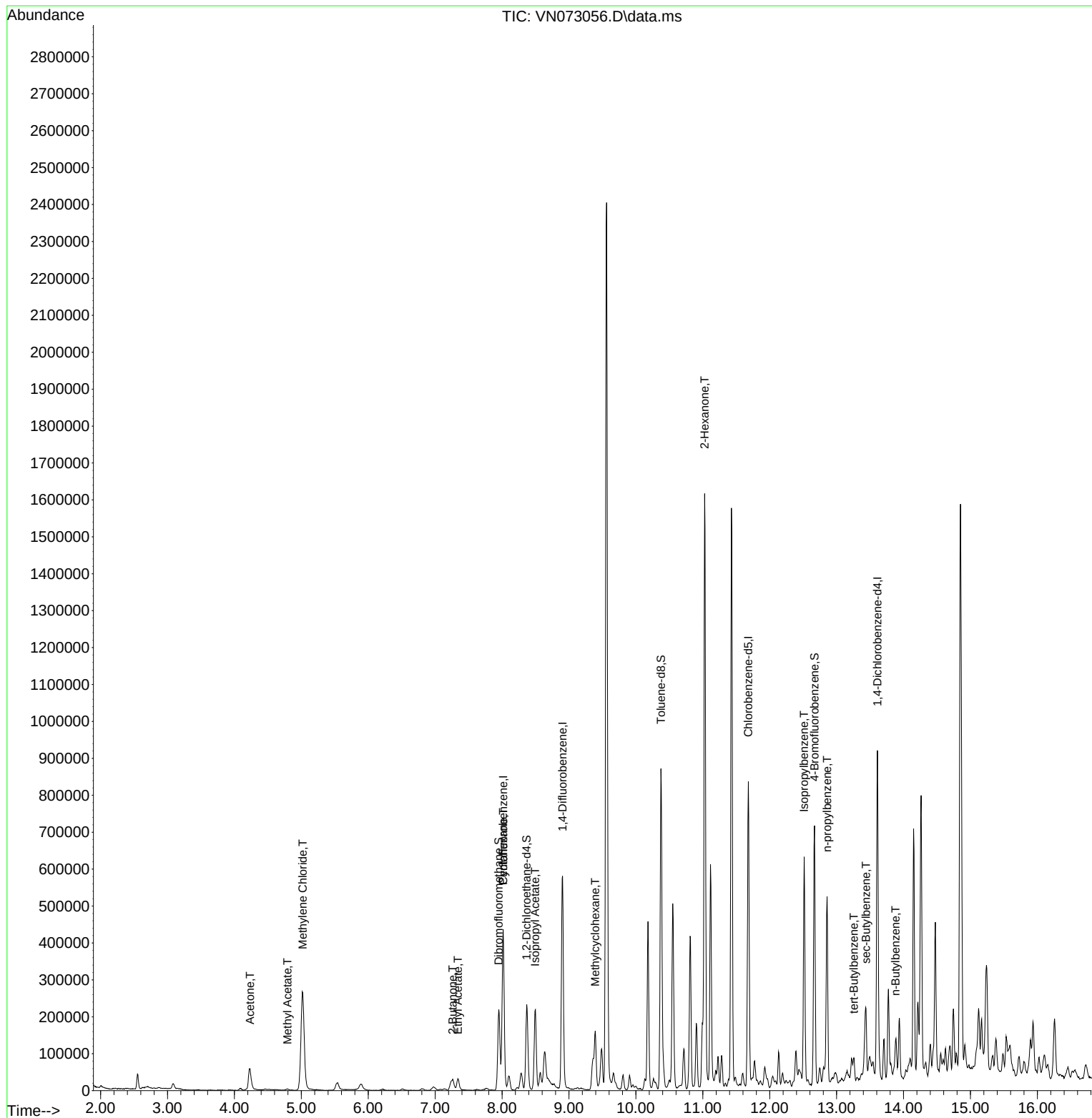
Internal Standards						
1) Pentafluorobenzene	8.016	168	318325	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	514716	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	468800	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	236724	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	192085	44.633	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	89.260%		
35) Dibromofluoromethane	7.951	113	163011	51.239	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	102.480%		
50) Toluene-d8	10.374	98	538142	45.458	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	90.920%		
62) 4-Bromofluorobenzene	12.668	95	239851	56.345	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	112.700%		
Target Compounds					Qvalue	
16) Acetone	4.234	43	112154	47.408	ug/l	94
18) Methyl Acetate	4.792	43	7184	1.140	ug/l #	75
20) Methylene Chloride	5.022	84	214774	58.572	ug/l	95
25) 2-Butanone	7.263	43	36237	9.653	ug/l	93
31) Cyclohexane	8.016	56	12803	2.199	ug/l #	45
37) Ethyl Acetate	7.339	43	49481	7.186	ug/l	98
39) Methylcyclohexane	9.392	83	70860	13.656	ug/l	99
43) Isopropyl Acetate	8.492	43	215919	21.937	ug/l #	86
59) 2-Hexanone	11.027	43	241646	48.677	ug/l #	45
73) Isopropylbenzene	12.515	105	396806	21.667	ug/l	99
78) n-propylbenzene	12.857	91	409503	20.329	ug/l	96
83) tert-Butylbenzene	13.257	119	30536	2.216	ug/l	95
85) sec-Butylbenzene	13.439	105	125144	6.809	ug/l	83
89) n-Butylbenzene	13.880	91	33162	2.729	ug/l	94

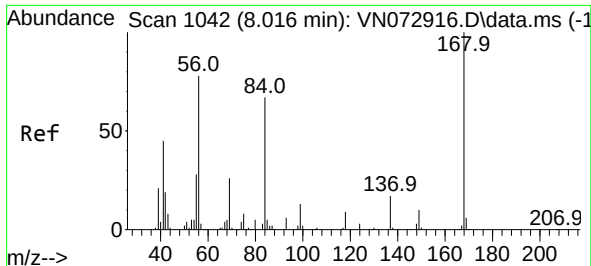
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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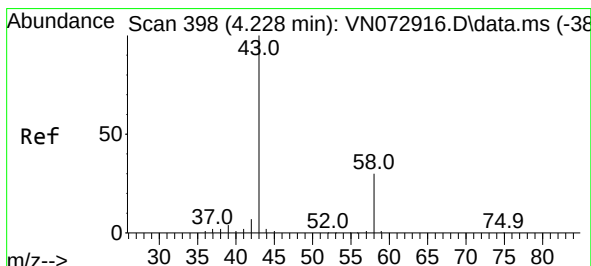
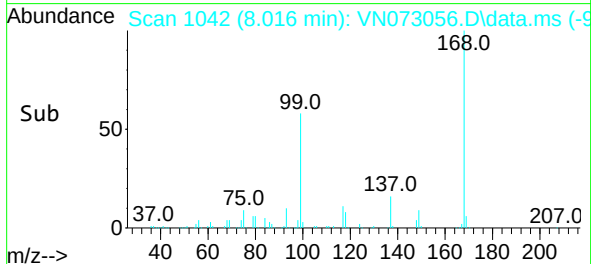
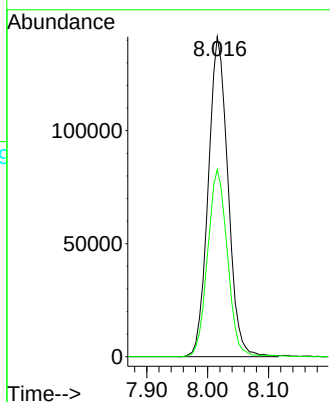
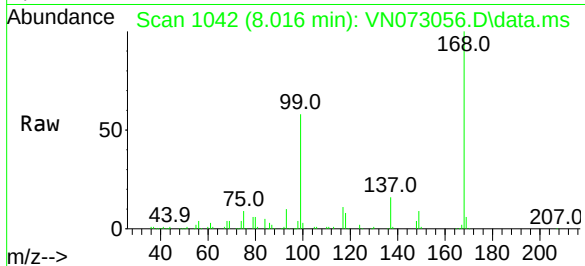




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073056.D
Acq: 23 Jun 2022 18:17

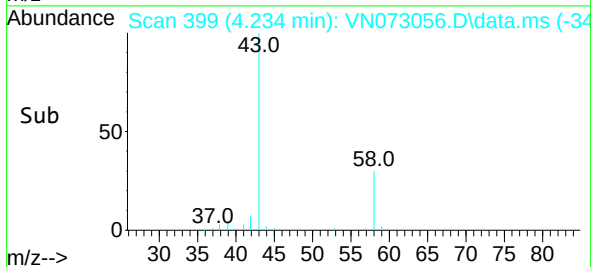
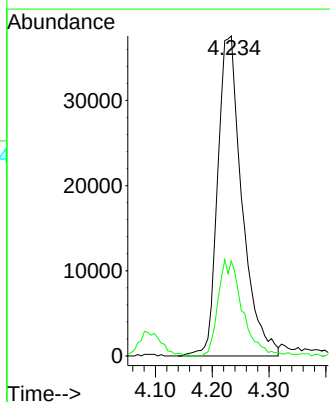
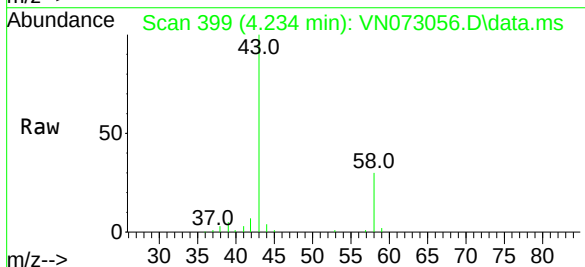
Instrument :
MSVOA_N
ClientSampleId :
WC-14B-2-4-GR

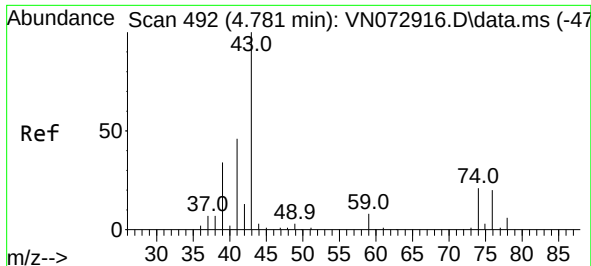
Tgt Ion:168 Resp: 318325
Ion Ratio Lower Upper
168 100
99 58.5 42.3 63.5



#16
Acetone
Concen: 47.408 ug/l
RT: 4.234 min Scan# 399
Delta R.T. 0.006 min
Lab File: VN073056.D
Acq: 23 Jun 2022 18:17

Tgt Ion: 43 Resp: 112154
Ion Ratio Lower Upper
43 100
58 28.9 26.0 39.0

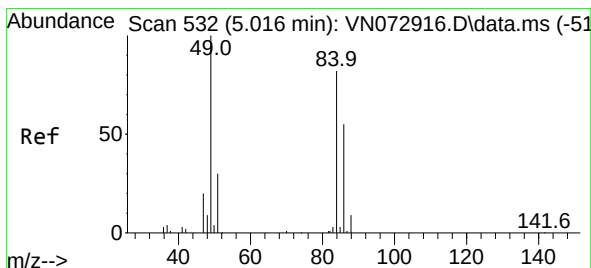
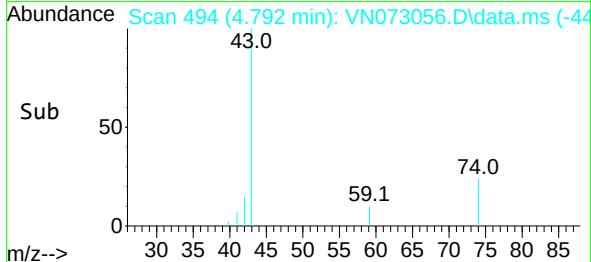
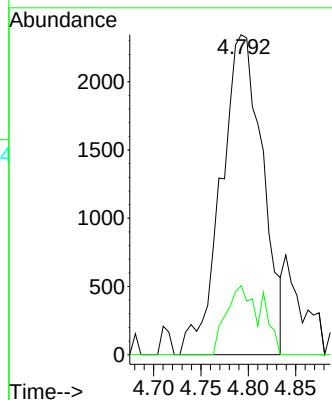
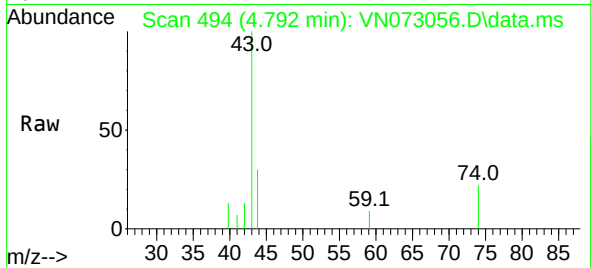




#18
Methyl Acetate
Concen: 1.140 ug/l
RT: 4.792 min Scan# 492
Delta R.T. 0.012 min
Lab File: VN073056.D
Acq: 23 Jun 2022 18:17

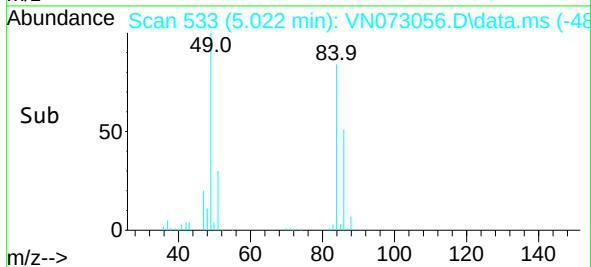
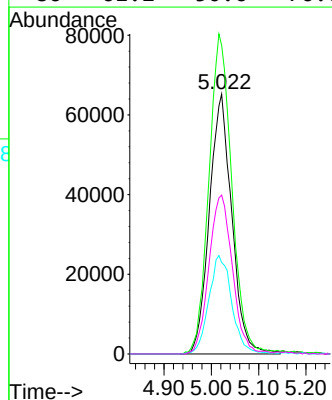
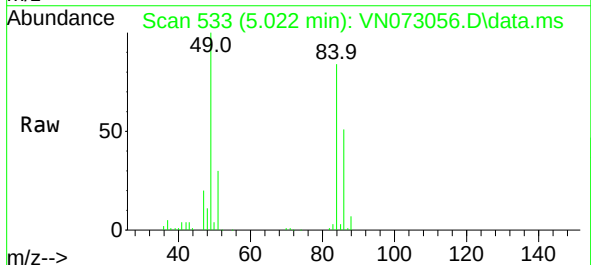
Instrument :
MSVOA_N
ClientSampleId :
WC-14B-2-4-GR

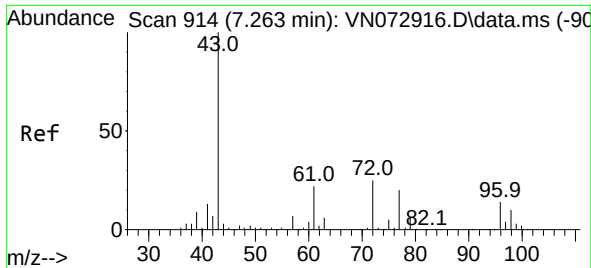
Tgt Ion: 43 Resp: 7184
Ion Ratio Lower Upper
43 100
74 13.9 21.6 32.4#



#20
Methylene Chloride
Concen: 58.572 ug/l
RT: 5.022 min Scan# 533
Delta R.T. 0.006 min
Lab File: VN073056.D
Acq: 23 Jun 2022 18:17

Tgt Ion: 84 Resp: 214774
Ion Ratio Lower Upper
84 100
49 118.8 88.3 132.5
51 35.2 28.2 42.2
86 61.2 50.6 76.0

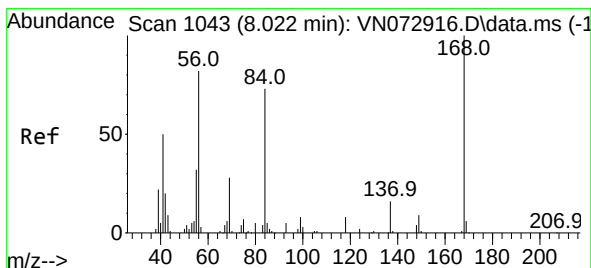
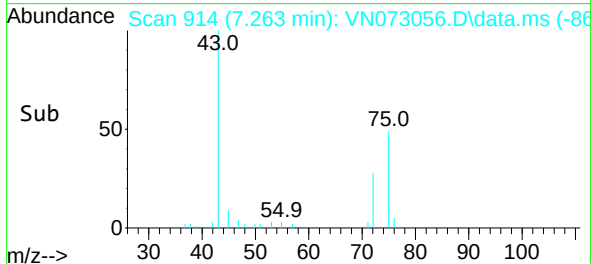
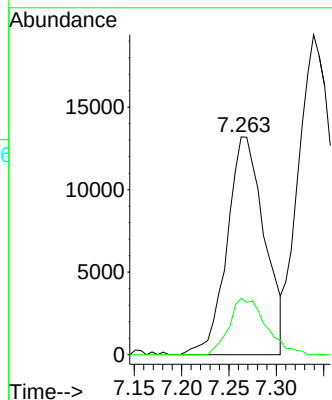
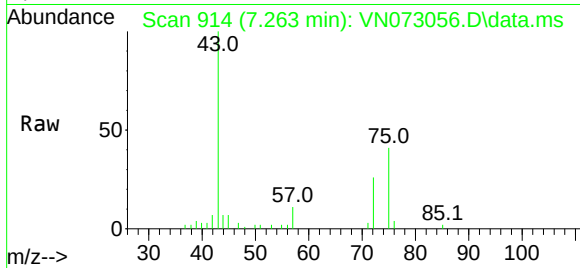




#25
2-Butanone
Concen: 9.653 ug/l
RT: 7.263 min Scan# 914
Delta R.T. -0.000 min
Lab File: VN073056.D
Acq: 23 Jun 2022 18:17

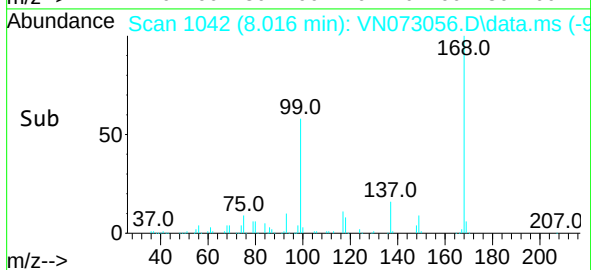
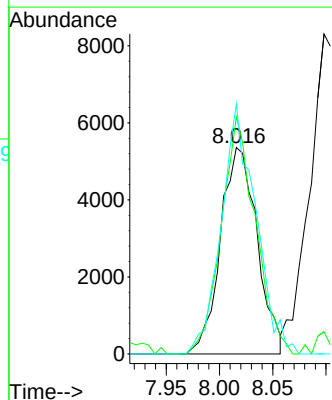
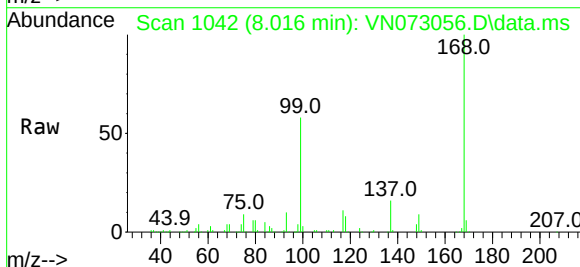
Instrument :
MSVOA_N
ClientSampleId :
WC-14B-2-4-GR

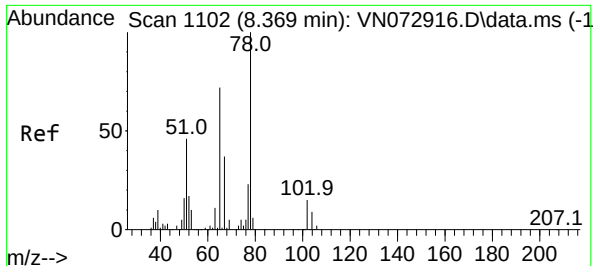
Tgt Ion: 43 Resp: 36237
Ion Ratio Lower Upper
43 100
72 25.9 23.7 35.5



#31
Cyclohexane
Concen: 2.199 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.006 min
Lab File: VN073056.D
Acq: 23 Jun 2022 18:17

Tgt Ion: 56 Resp: 12803
Ion Ratio Lower Upper
56 100
69 114.9 27.8 41.8#
84 120.9 76.9 115.3#

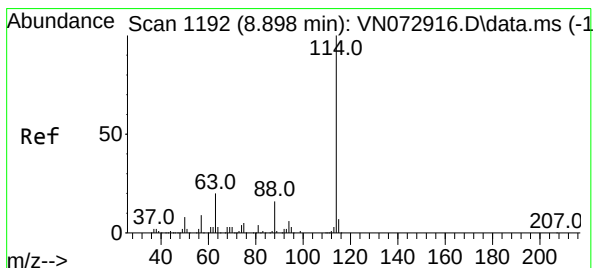
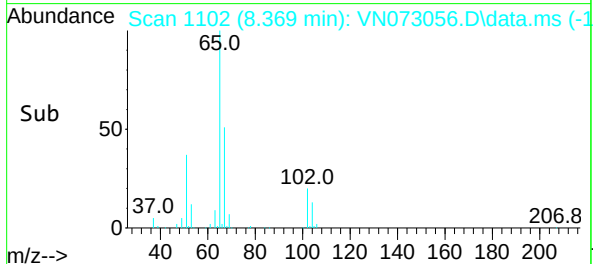
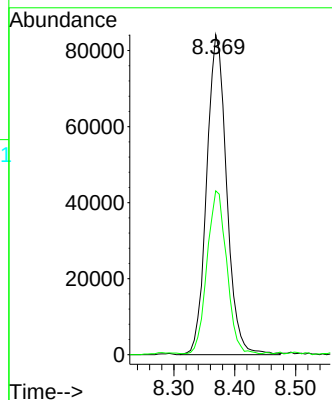
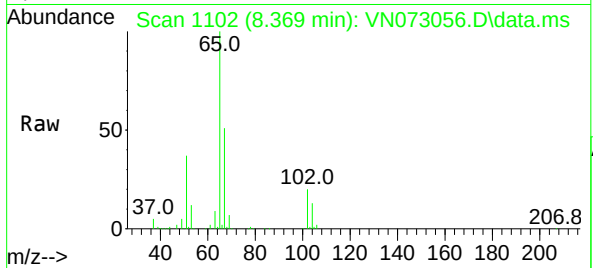




#33
 1,2-Dichloroethane-d4
 Concen: 44.633 ug/l
 RT: 8.369 min Scan# 1102
 Delta R.T. -0.000 min
 Lab File: VN073056.D
 Acq: 23 Jun 2022 18:17

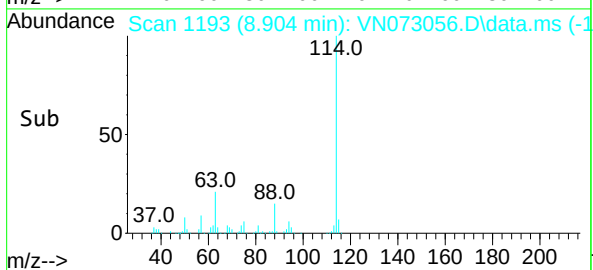
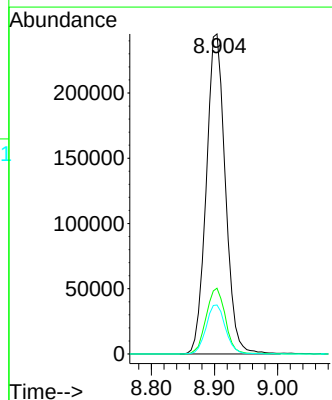
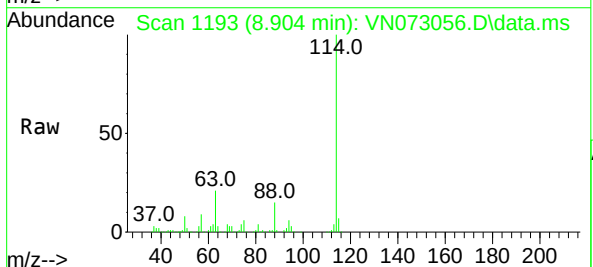
Instrument :
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 ClientSampleId :
 WC-14B-2-4-GR

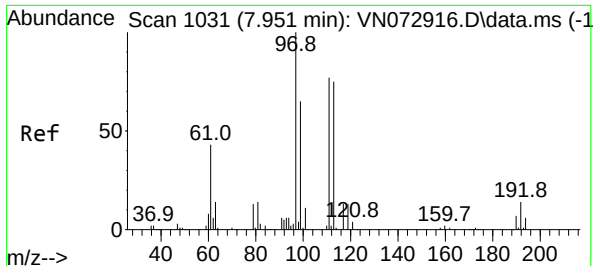
Tgt Ion: 65 Resp: 192085
 Ion Ratio Lower Upper
 65 100
 67 50.2 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.904 min Scan# 1193
 Delta R.T. 0.006 min
 Lab File: VN073056.D
 Acq: 23 Jun 2022 18:17

Tgt Ion: 114 Resp: 514716
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 40.0
 88 15.3 0.0 32.6

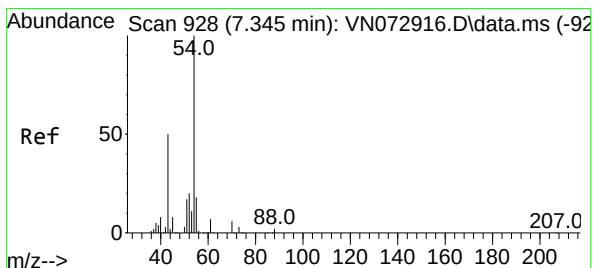
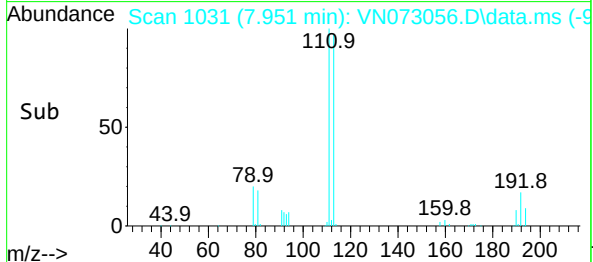
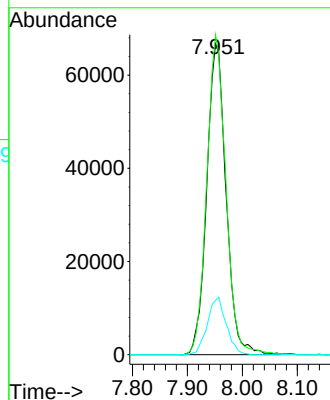
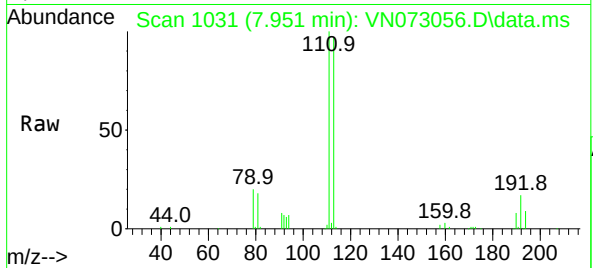




#35
Dibromofluoromethane
Concen: 51.239 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VN073056.D
Acq: 23 Jun 2022 18:17

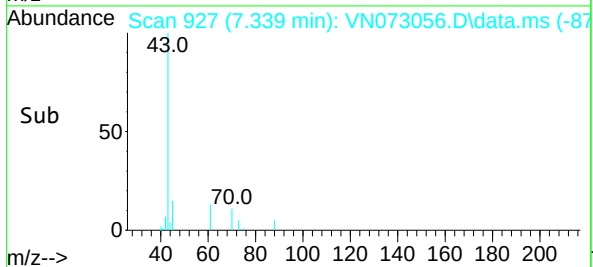
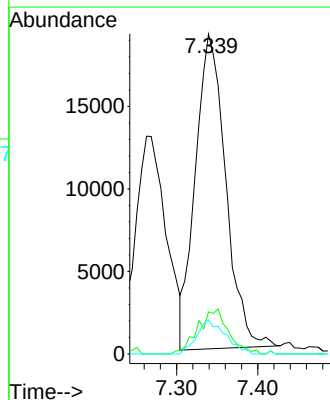
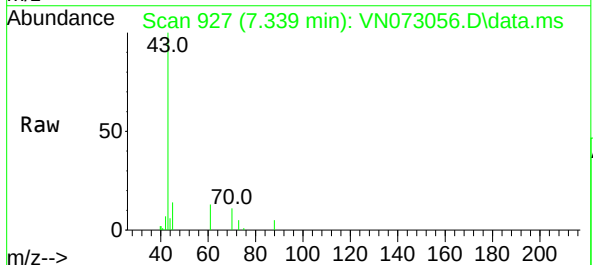
Instrument :
MSVOA_N
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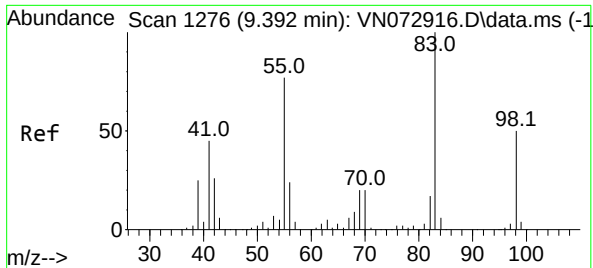
Tgt Ion:113 Resp: 163011
Ion Ratio Lower Upper
113 100
111 102.0 81.4 122.0
192 18.1 17.0 25.6



#37
Ethyl Acetate
Concen: 7.186 ug/l
RT: 7.339 min Scan# 927
Delta R.T. -0.006 min
Lab File: VN073056.D
Acq: 23 Jun 2022 18:17

Tgt Ion: 43 Resp: 49481
Ion Ratio Lower Upper
43 100
61 14.3 11.8 17.6
70 10.2 9.3 13.9

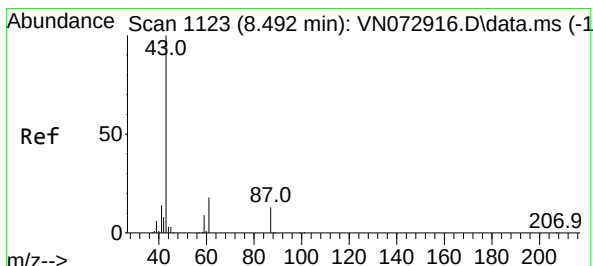
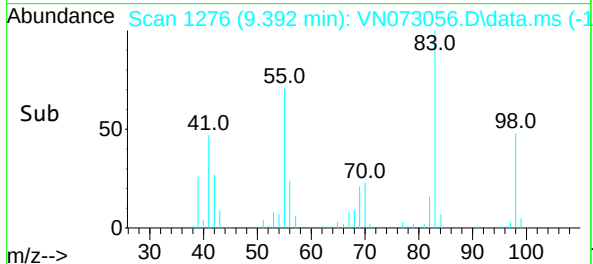
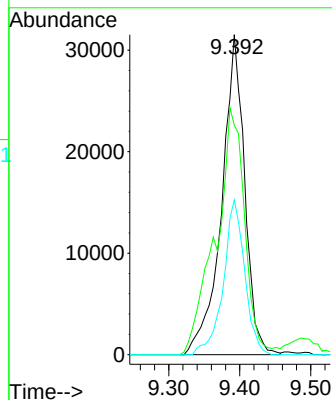
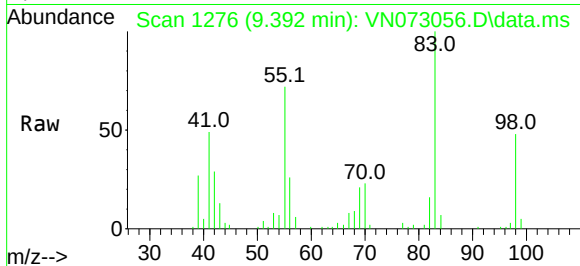




#39
Methylcyclohexane
Concen: 13.656 ug/l
RT: 9.392 min Scan# 11276
Delta R.T. -0.000 min
Lab File: VN073056.D
Acq: 23 Jun 2022 18:17

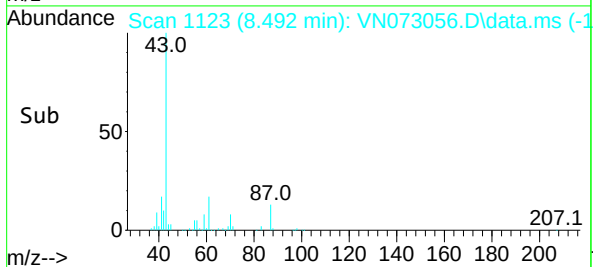
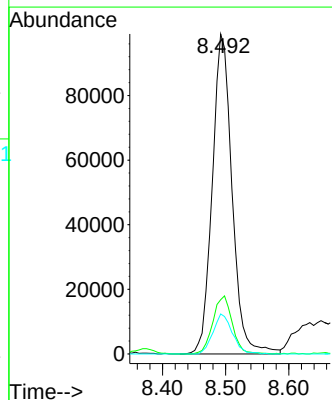
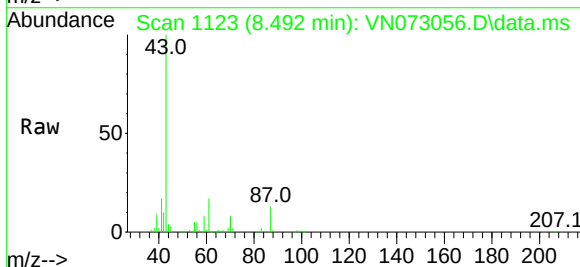
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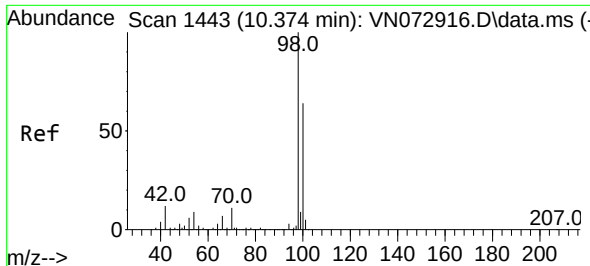
Tgt Ion: 83 Resp: 70860
Ion Ratio Lower Upper
83 100
55 71.8 57.8 86.8
98 48.4 39.4 59.2



#43
Isopropyl Acetate
Concen: 21.937 ug/l
RT: 8.492 min Scan# 1123
Delta R.T. -0.000 min
Lab File: VN073056.D
Acq: 23 Jun 2022 18:17

Tgt Ion: 43 Resp: 215919
Ion Ratio Lower Upper
43 100
61 17.8 21.9 32.9#
87 12.2 12.0 18.0

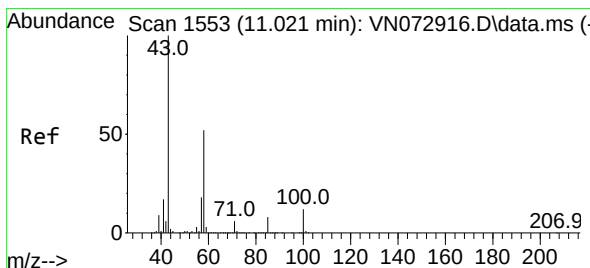
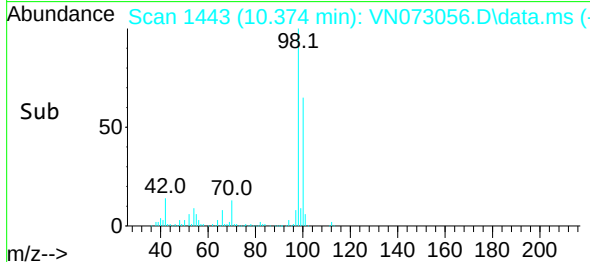
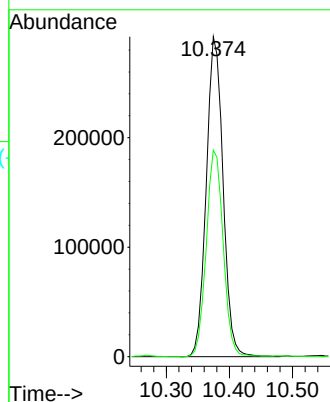
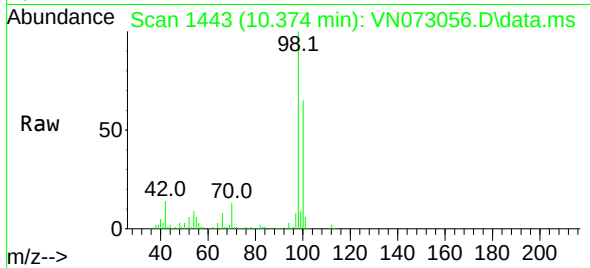




#50
Toluene-d8
Concen: 45.458 ug/l
RT: 10.374 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN073056.D
Acq: 23 Jun 2022 18:17

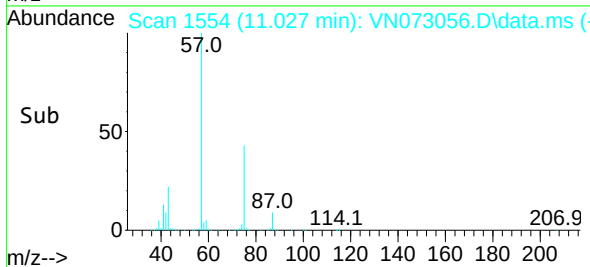
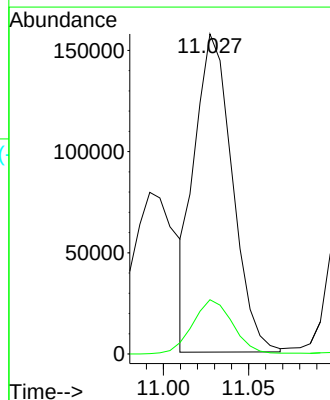
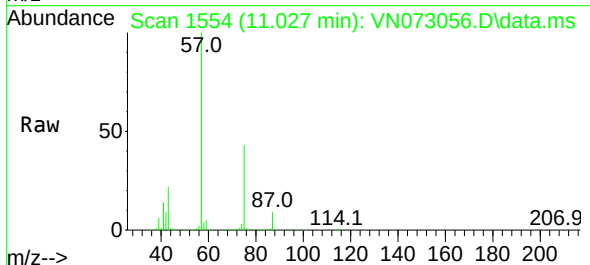
Instrument :
MSVOA_N
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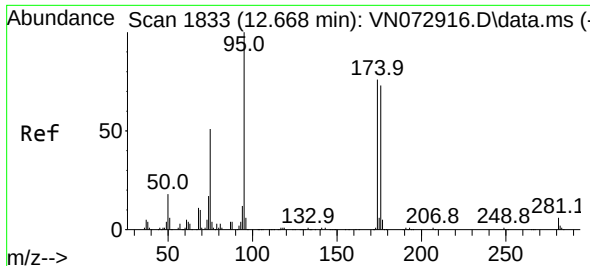
Tgt Ion: 98 Resp: 538142
Ion Ratio Lower Upper
98 100
100 65.2 52.6 78.8



#59
2-Hexanone
Concen: 48.677 ug/l
RT: 11.027 min Scan# 1554
Delta R.T. 0.006 min
Lab File: VN073056.D
Acq: 23 Jun 2022 18:17

Tgt Ion: 43 Resp: 241646
Ion Ratio Lower Upper
43 100
58 18.4 29.7 89.1#

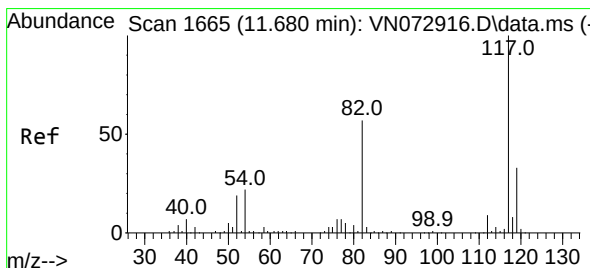
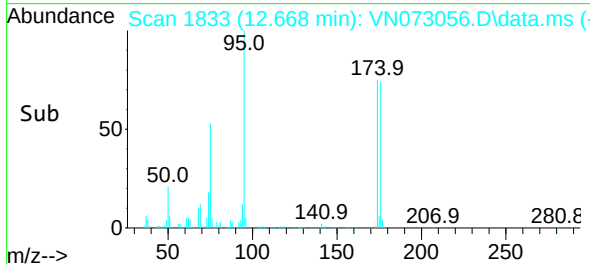
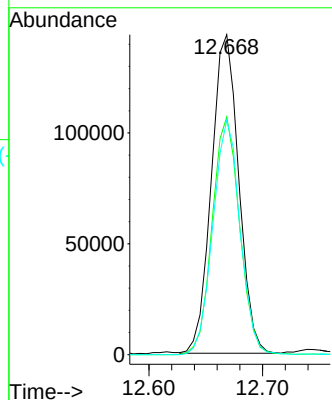
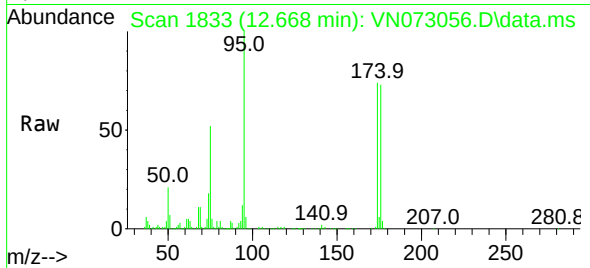




#62
4-Bromofluorobenzene
Concen: 56.345 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN073056.D
Acq: 23 Jun 2022 18:17

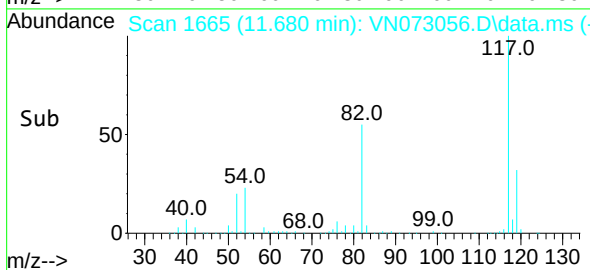
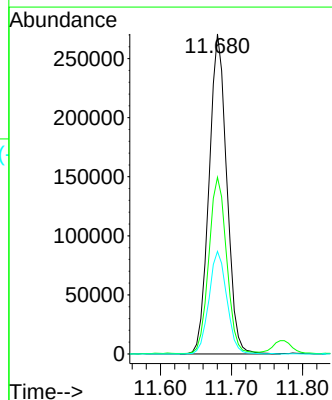
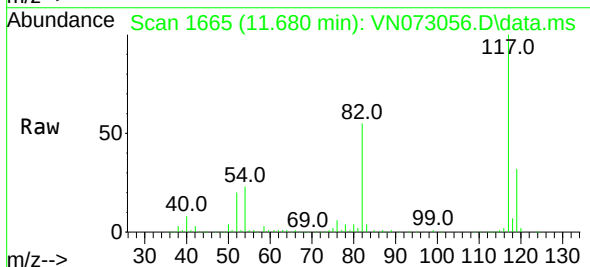
Instrument :
MSVOA_N
ClientSampleId :
WC-14B-2-4-GR

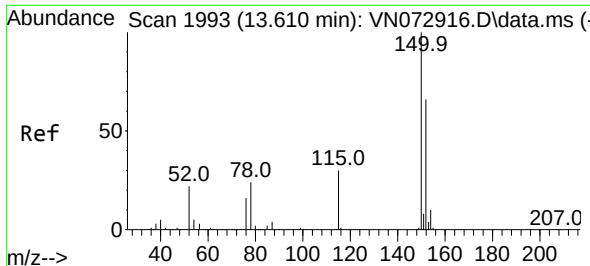
Tgt Ion: 95 Resp: 239851
Ion Ratio Lower Upper
95 100
174 75.0 0.0 167.6
176 73.3 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VN073056.D
Acq: 23 Jun 2022 18:17

Tgt Ion: 117 Resp: 468800
Ion Ratio Lower Upper
117 100
82 55.1 44.2 66.2
119 32.1 25.4 38.0

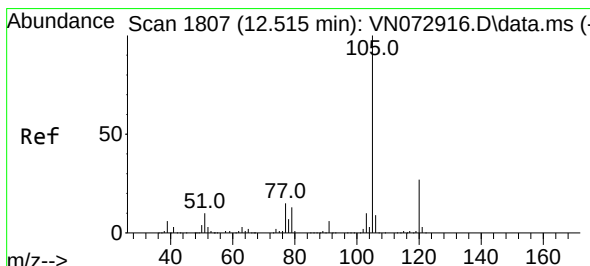
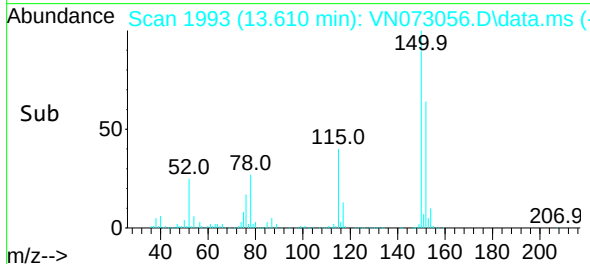
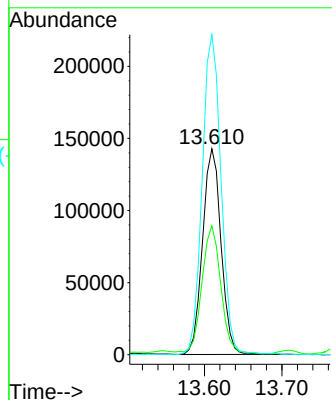
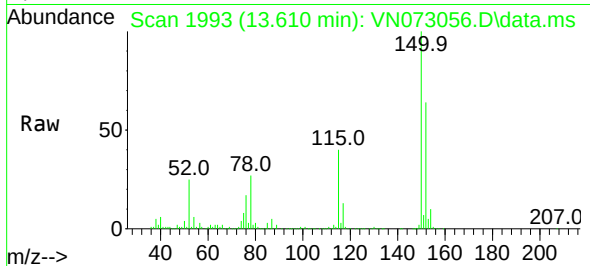




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.610 min Scan# 1993
 Delta R.T. -0.000 min
 Lab File: VN073056.D
 Acq: 23 Jun 2022 18:17

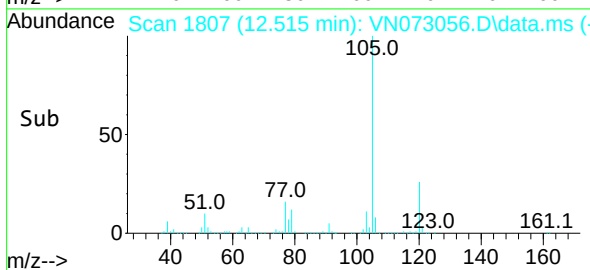
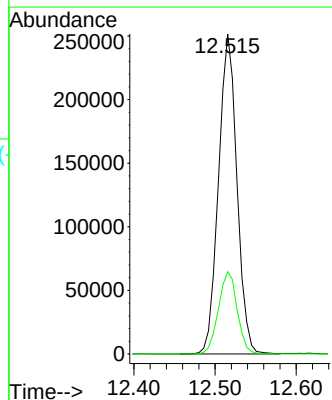
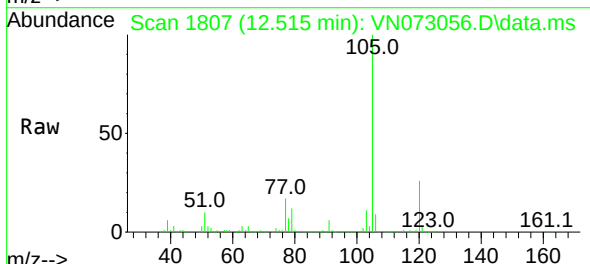
Instrument :
 MSVOA_N
 ClientSampleId :
 WC-14B-2-4-GR

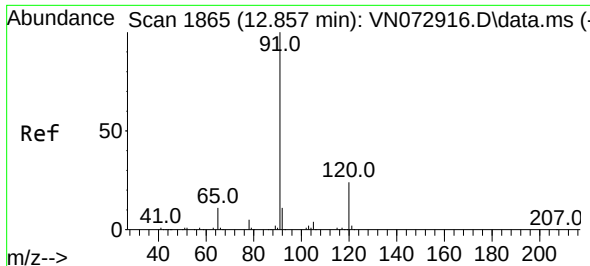
Tgt Ion:152 Resp: 236724
 Ion Ratio Lower Upper
 152 100
 115 63.6 28.9 86.7
 150 158.7 0.0 356.2



#73
 Isopropylbenzene
 Concen: 21.667 ug/l
 RT: 12.515 min Scan# 1807
 Delta R.T. -0.000 min
 Lab File: VN073056.D
 Acq: 23 Jun 2022 18:17

Tgt Ion:105 Resp: 396806
 Ion Ratio Lower Upper
 105 100
 120 26.2 13.5 40.4

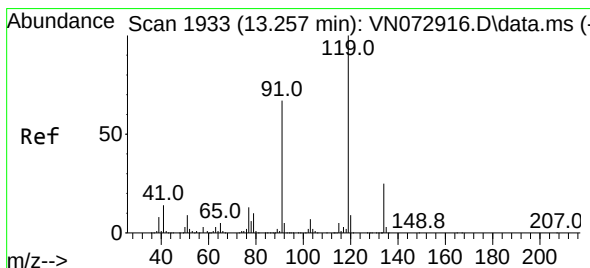
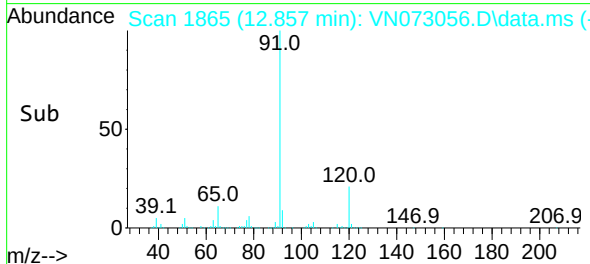
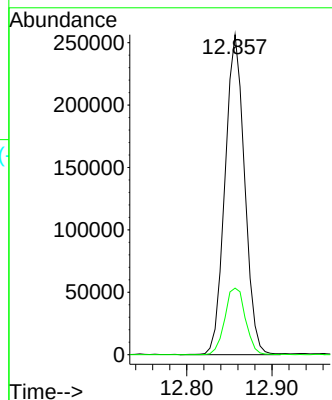
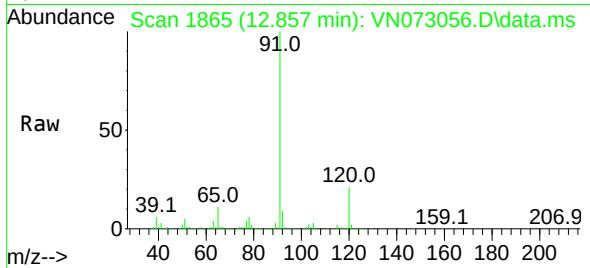




#78
n-propylbenzene
Concen: 20.329 ug/l
RT: 12.857 min Scan# 1865
Delta R.T. -0.000 min
Lab File: VN073056.D
Acq: 23 Jun 2022 18:17

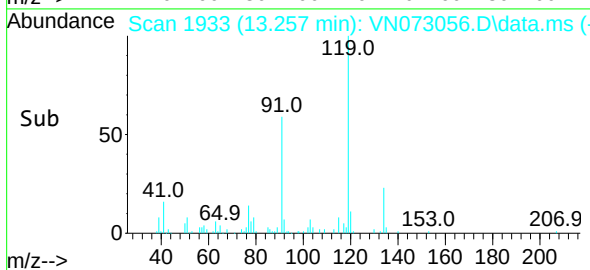
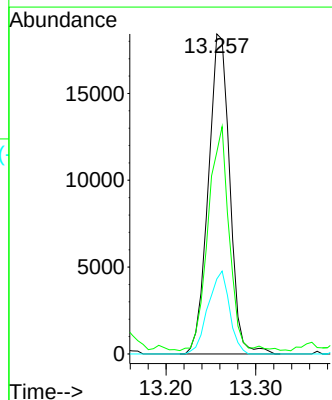
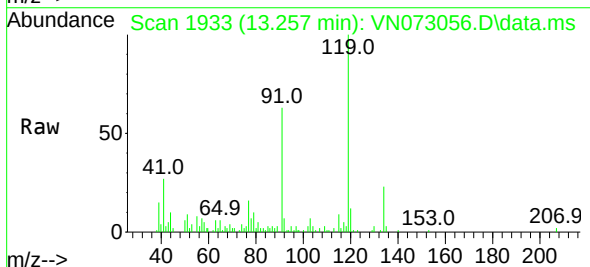
Instrument :
MSVOA_N
ClientSampleId :
WC-14B-2-4-GR

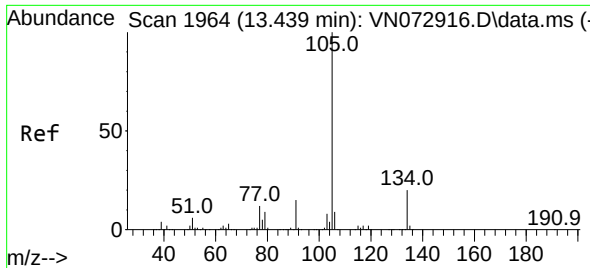
Tgt Ion: 91 Resp: 409503
Ion Ratio Lower Upper
91 100
120 21.9 11.9 35.5



#83
tert-Butylbenzene
Concen: 2.216 ug/l
RT: 13.257 min Scan# 1933
Delta R.T. -0.000 min
Lab File: VN073056.D
Acq: 23 Jun 2022 18:17

Tgt Ion: 119 Resp: 30536
Ion Ratio Lower Upper
119 100
91 67.9 31.6 94.8
134 25.8 13.7 41.1

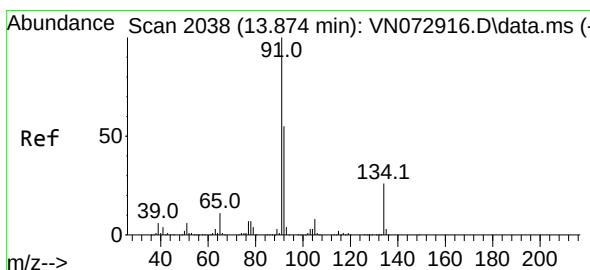
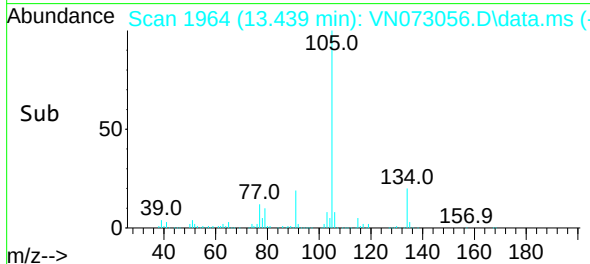
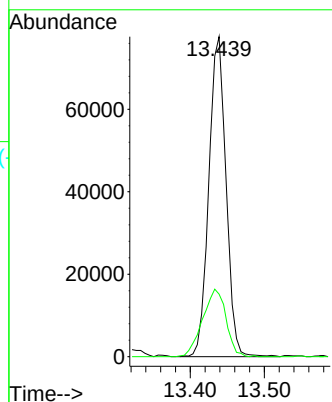
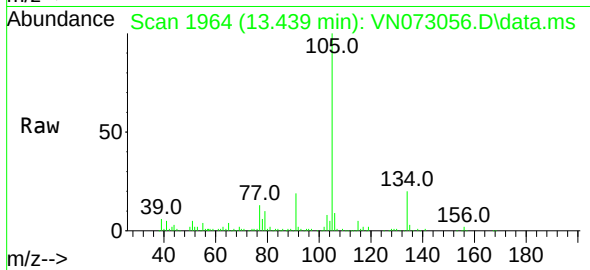




#85
 sec-Butylbenzene
 Concen: 6.809 ug/l
 RT: 13.439 min Scan# 1964
 Delta R.T. -0.000 min
 Lab File: VN073056.D
 Acq: 23 Jun 2022 18:17

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-14B-2-4-GR

Tgt Ion:105 Resp: 125144
 Ion Ratio Lower Upper
 105 100
 134 28.6 10.4 31.1



#89
 n-Butylbenzene
 Concen: 2.729 ug/l
 RT: 13.880 min Scan# 2039
 Delta R.T. 0.006 min
 Lab File: VN073056.D
 Acq: 23 Jun 2022 18:17

Tgt Ion: 91 Resp: 33162
 Ion Ratio Lower Upper
 91 100
 92 51.7 26.9 80.7
 134 33.7 13.6 40.8

