

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062322\
 Data File : VN073058.D
 Acq On : 23 Jun 2022 19:06
 Operator : JC\MD
 Sample : N3431-12
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-14B-2-3-GR

Quant Time: Jun 24 01:20:47 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)

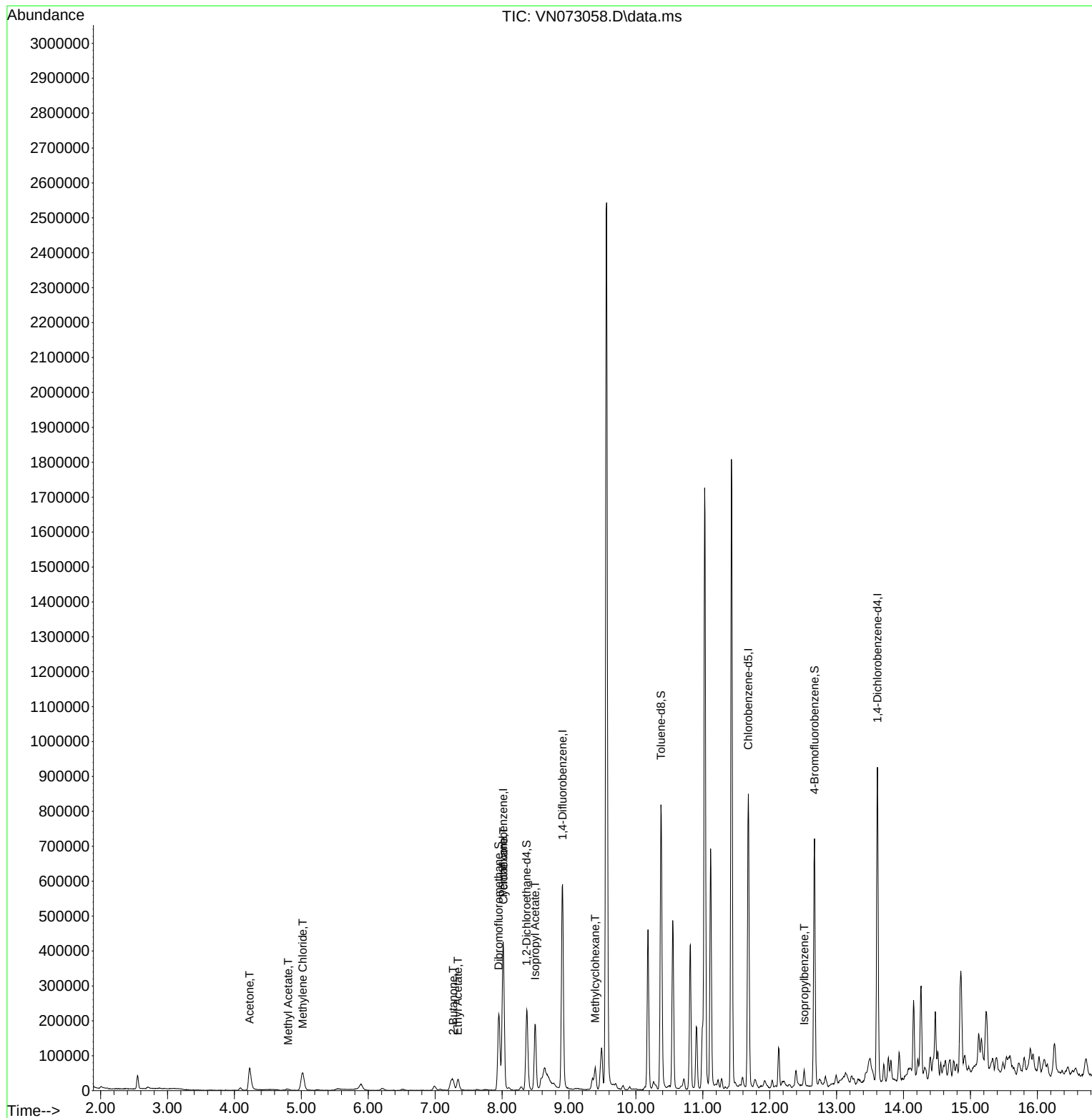
Internal Standards						
1) Pentafluorobenzene	8.016	168	318078	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	519017	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	479413	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.609	152	247923	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	193334	44.958	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	89.920%		
35) Dibromofluoromethane	7.951	113	163687	51.025	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	102.040%		
50) Toluene-d8	10.374	98	546599	45.790	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	91.580%		
62) 4-Bromofluorobenzene	12.668	95	241749	56.320	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	112.640%		
Target Compounds					Qvalue	
16) Acetone	4.228	43	119890	50.718	ug/l	93
18) Methyl Acetate	4.804	43	8970	1.425	ug/l #	48
20) Methylene Chloride	5.022	84	41362	11.093	ug/l	89
25) 2-Butanone	7.269	43	41204	10.985	ug/l	95
31) Cyclohexane	8.022	56	10664	1.833	ug/l #	71
37) Ethyl Acetate	7.339	43	52361	7.541	ug/l	95
39) Methylcyclohexane	9.392	83	27104	5.180	ug/l	95
43) Isopropyl Acetate	8.492	43	210634	21.223	ug/l #	87
73) Isopropylbenzene	12.515	105	28796	1.501	ug/l	96

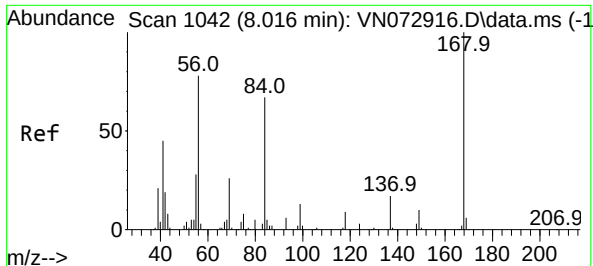
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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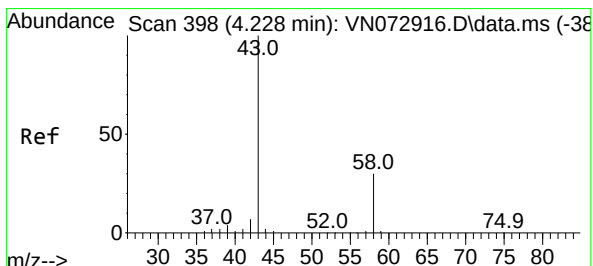
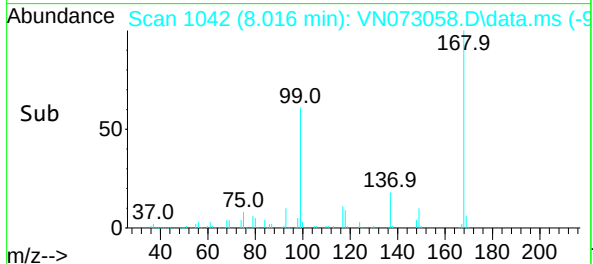
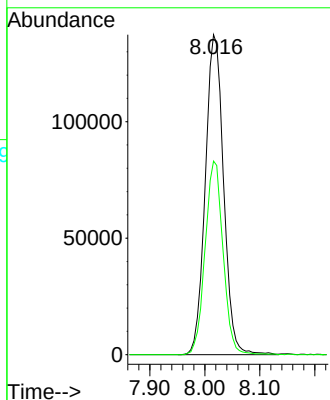
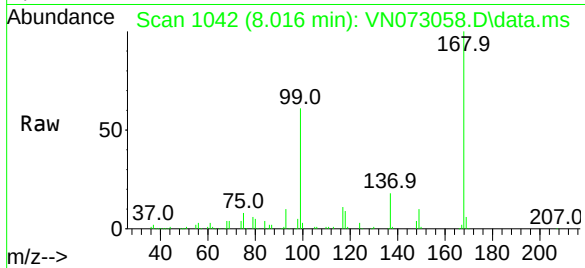




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073058.D
Acq: 23 Jun 2022 19:06

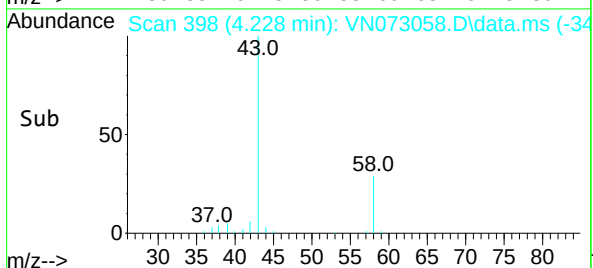
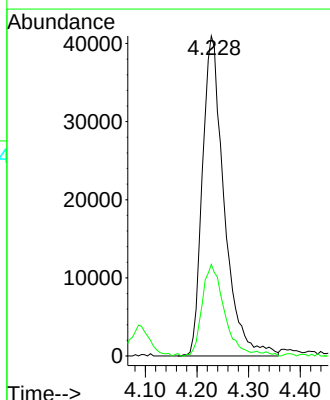
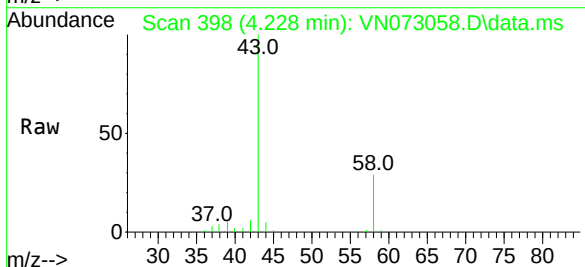
Instrument :
MSVOA_N
ClientSampleId :
WC-14B-2-3-GR

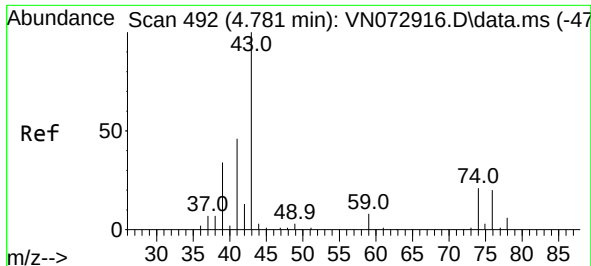
Tgt Ion:168 Resp: 318078
Ion Ratio Lower Upper
168 100
99 60.5 42.3 63.5



#16
Acetone
Concen: 50.718 ug/l
RT: 4.228 min Scan# 398
Delta R.T. -0.000 min
Lab File: VN073058.D
Acq: 23 Jun 2022 19:06

Tgt Ion: 43 Resp: 119890
Ion Ratio Lower Upper
43 100
58 28.6 26.0 39.0

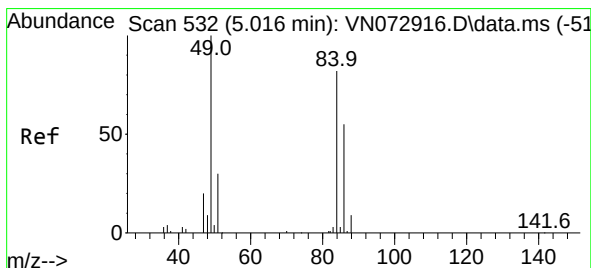
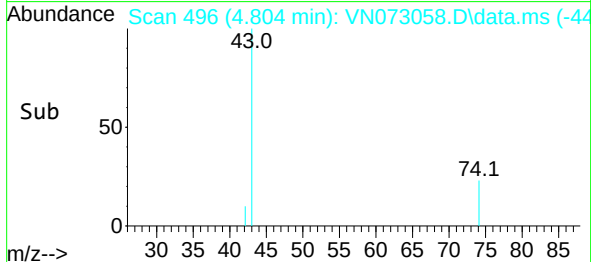
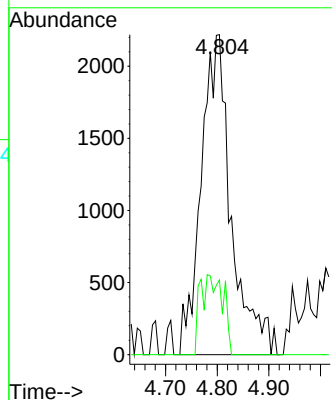
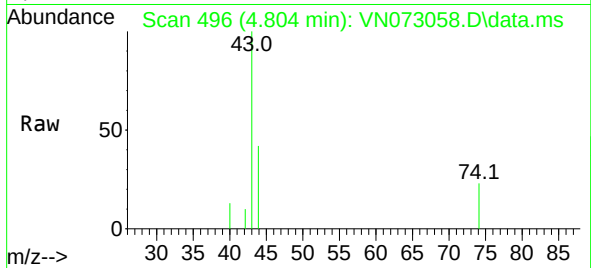




#18
Methyl Acetate
Concen: 1.425 ug/l
RT: 4.804 min Scan# 49
Delta R.T. 0.023 min
Lab File: VN073058.D
Acq: 23 Jun 2022 19:06

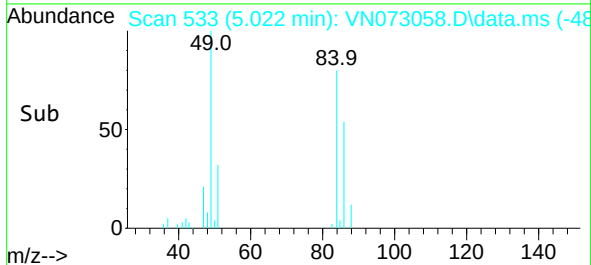
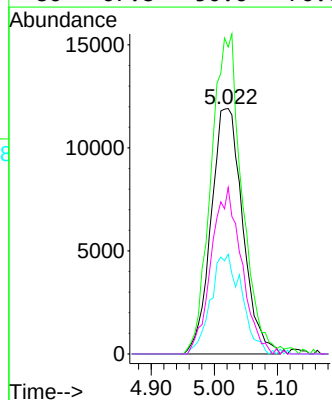
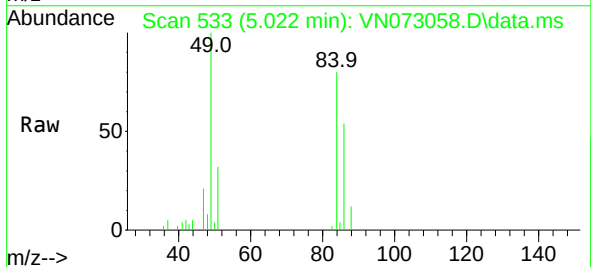
Instrument :
MSVOA_N
ClientSampleId :
WC-14B-2-3-GR

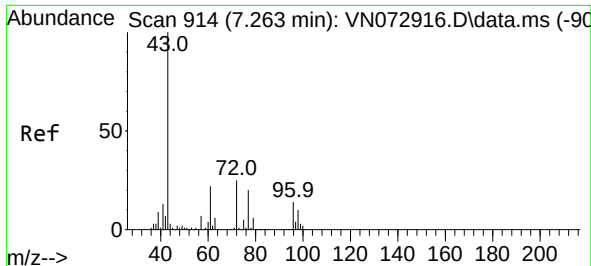
Tgt Ion: 43 Resp: 8970
Ion Ratio Lower Upper
43 100
74 0.0 21.6 32.4#



#20
Methylene Chloride
Concen: 11.093 ug/l
RT: 5.022 min Scan# 533
Delta R.T. 0.006 min
Lab File: VN073058.D
Acq: 23 Jun 2022 19:06

Tgt Ion: 84 Resp: 41362
Ion Ratio Lower Upper
84 100
49 125.0 88.3 132.5
51 40.6 28.2 42.2
86 67.8 50.6 76.0

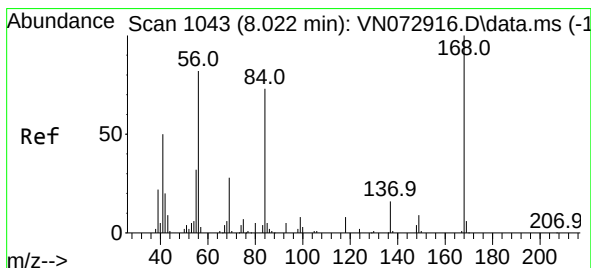
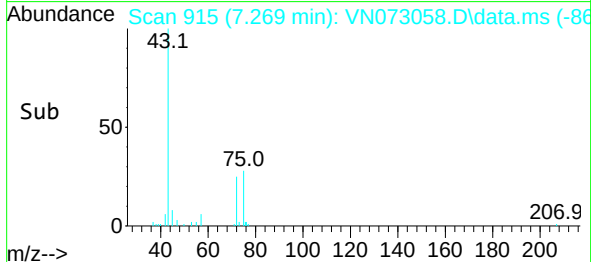
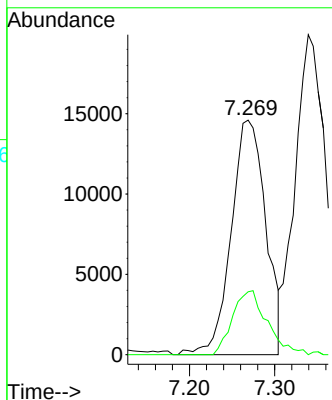
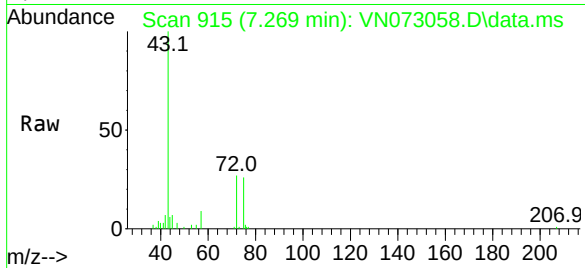




#25
2-Butanone
Concen: 10.985 ug/l
RT: 7.269 min Scan# 914
Delta R.T. 0.006 min
Lab File: VN073058.D
Acq: 23 Jun 2022 19:06

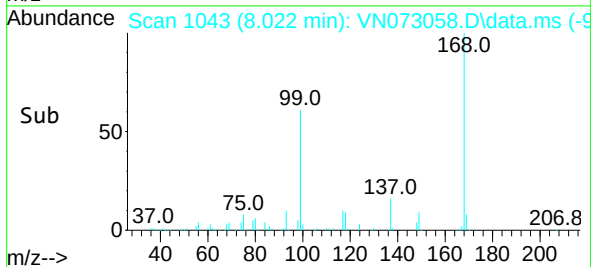
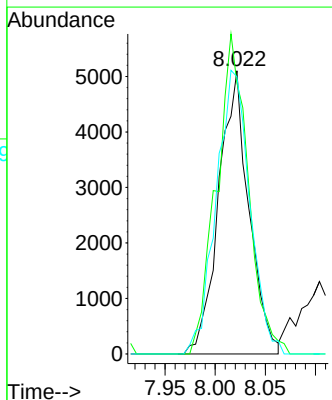
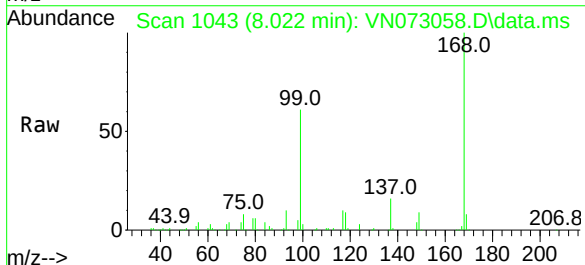
Instrument :
MSVOA_N
ClientSampleId :
WC-14B-2-3-GR

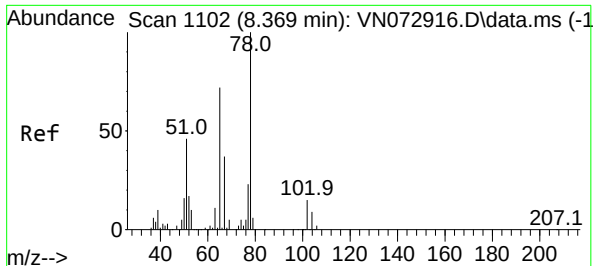
Tgt Ion: 43 Resp: 41204
Ion Ratio Lower Upper
43 100
72 26.8 23.7 35.5



#31
Cyclohexane
Concen: 1.833 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. -0.000 min
Lab File: VN073058.D
Acq: 23 Jun 2022 19:06

Tgt Ion: 56 Resp: 10664
Ion Ratio Lower Upper
56 100
69 95.6 27.8 41.8#
84 97.8 76.9 115.3





#33

1,2-Dichloroethane-d4

Concen: 44.958 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN073058.D

Acq: 23 Jun 2022 19:06

Instrument :

MSVOA_N

ClientSampleId :

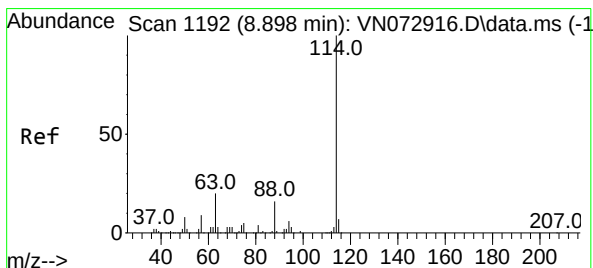
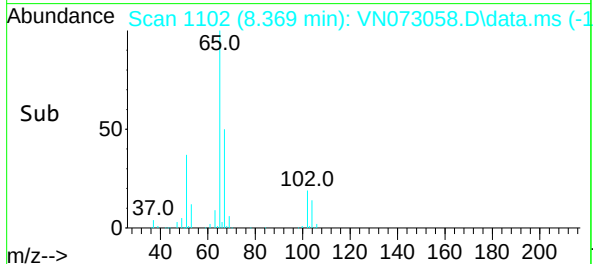
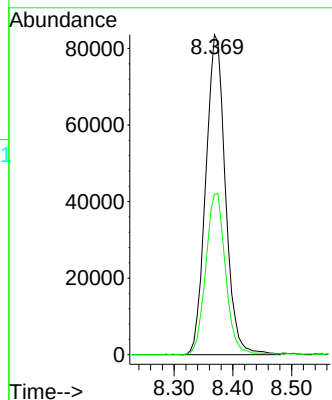
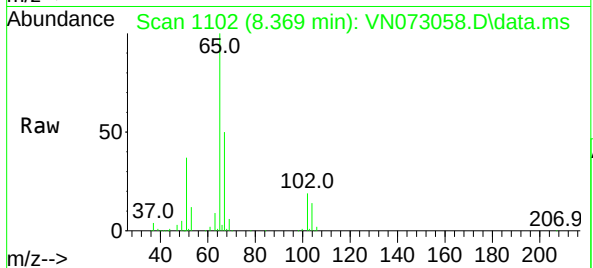
WC-14B-2-3-GR

Tgt Ion: 65 Resp: 193334

Ion Ratio Lower Upper

65 100

67 50.8 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: VN073058.D

Acq: 23 Jun 2022 19:06

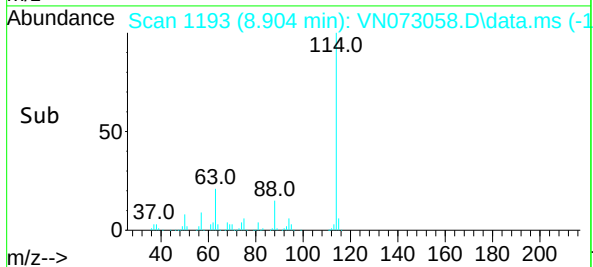
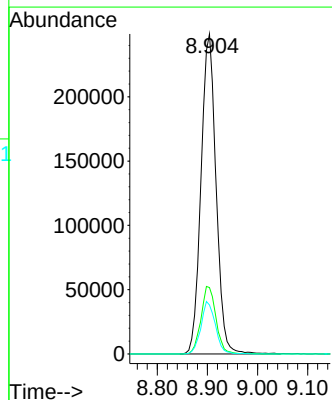
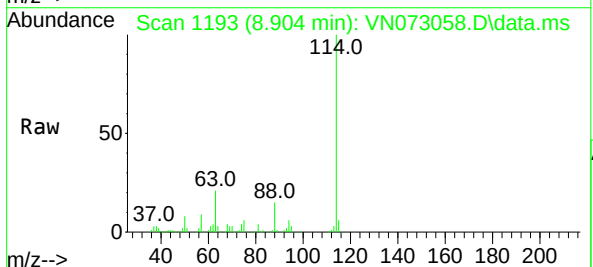
Tgt Ion: 114 Resp: 519017

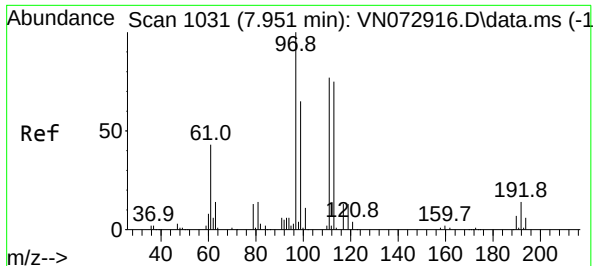
Ion Ratio Lower Upper

114 100

63 20.7 0.0 40.0

88 15.3 0.0 32.6

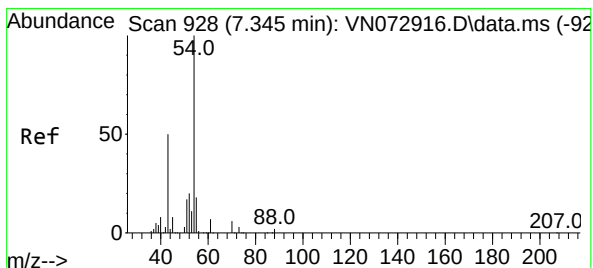
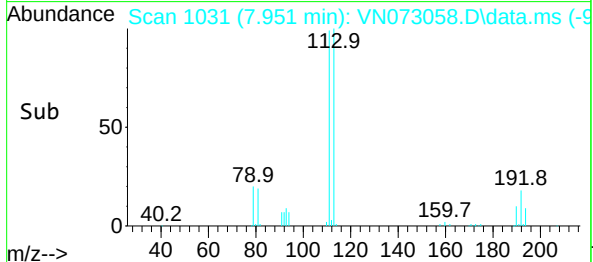
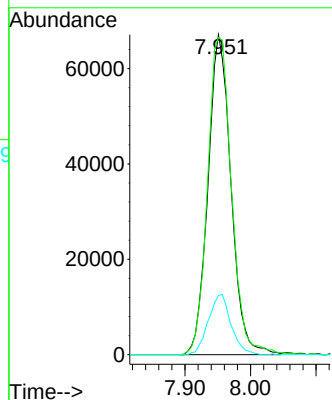
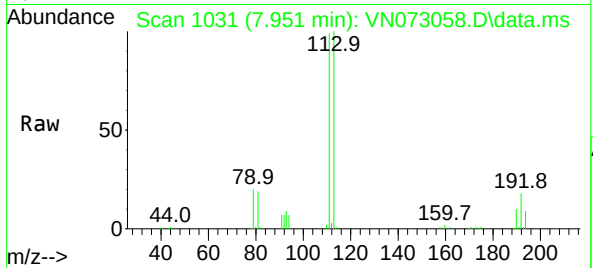




#35
Dibromofluoromethane
Concen: 51.025 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VN073058.D
Acq: 23 Jun 2022 19:06

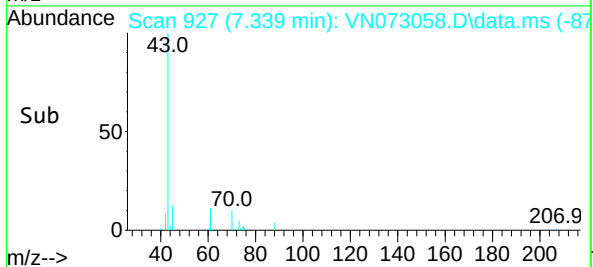
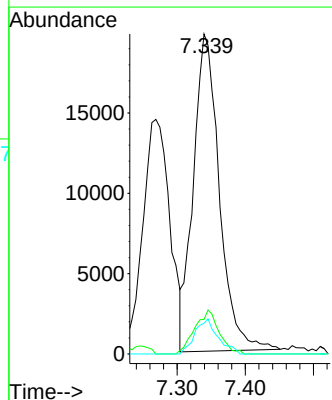
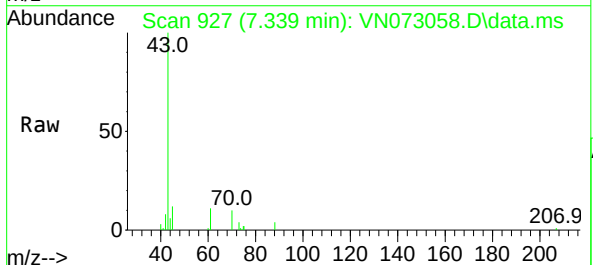
Instrument :
MSVOA_N
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WC-14B-2-3-GR

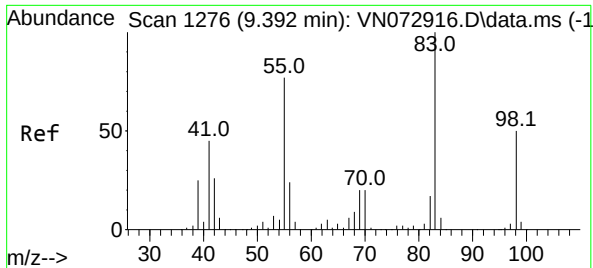
Tgt Ion:113 Resp: 163687
Ion Ratio Lower Upper
113 100
111 103.6 81.4 122.0
192 18.6 17.0 25.6



#37
Ethyl Acetate
Concen: 7.541 ug/l
RT: 7.339 min Scan# 927
Delta R.T. -0.006 min
Lab File: VN073058.D
Acq: 23 Jun 2022 19:06

Tgt Ion: 43 Resp: 52361
Ion Ratio Lower Upper
43 100
61 12.9 11.8 17.6
70 9.7 9.3 13.9

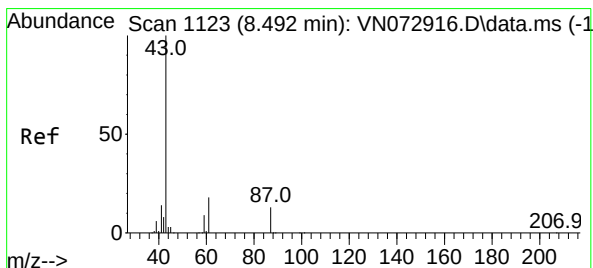
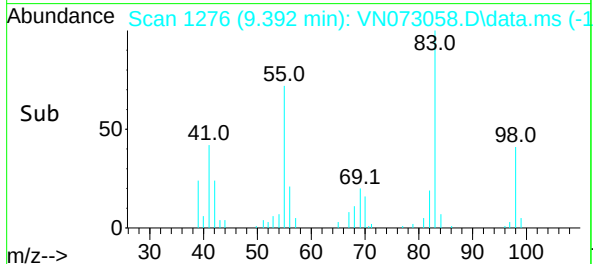
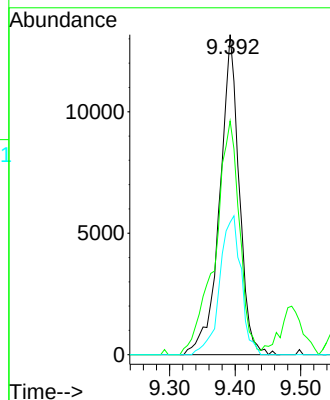
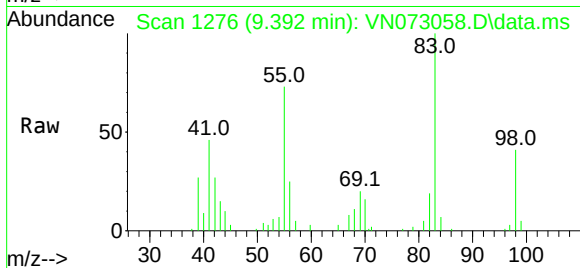




#39
Methylcyclohexane
Concen: 5.180 ug/l
RT: 9.392 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN073058.D
Acq: 23 Jun 2022 19:06

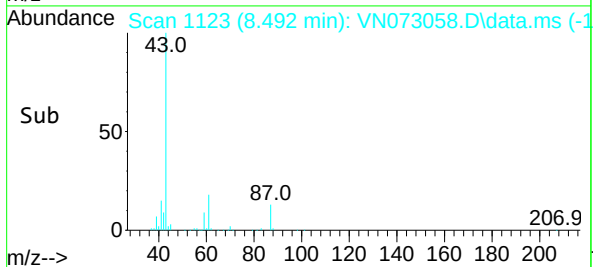
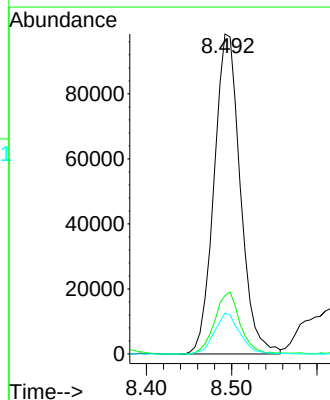
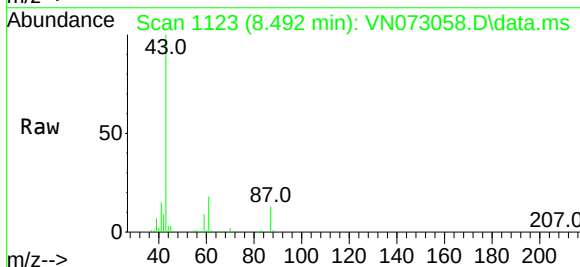
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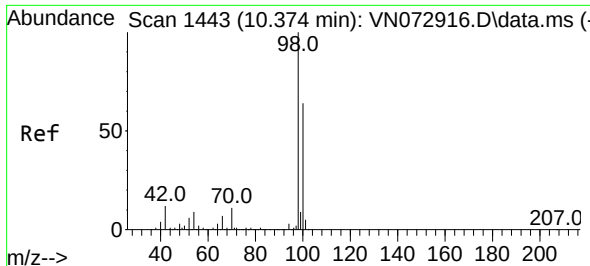
Tgt Ion: 83	Resp:	27104
Ion	Ratio	Lower Upper
83	100	
55	73.1	57.8 86.8
98	41.3	39.4 59.2



#43
Isopropyl Acetate
Concen: 21.223 ug/l
RT: 8.492 min Scan# 1123
Delta R.T. -0.000 min
Lab File: VN073058.D
Acq: 23 Jun 2022 19:06

Tgt Ion: 43	Resp:	210634
Ion	Ratio	Lower Upper
43	100	
61	18.8	21.9 32.9#
87	12.2	12.0 18.0

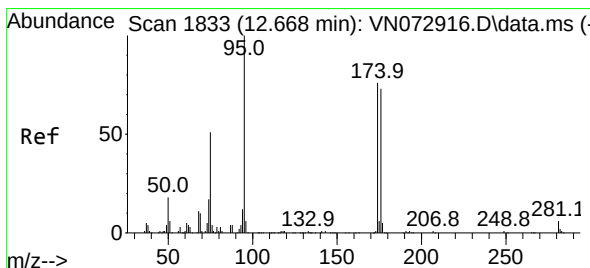
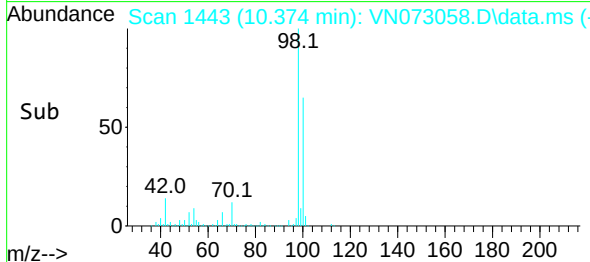
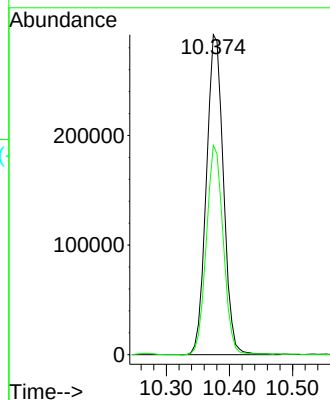
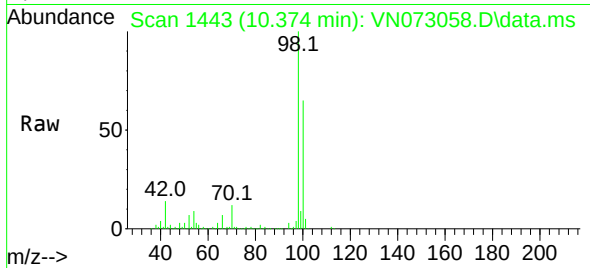




#50
Toluene-d8
Concen: 45.790 ug/l
RT: 10.374 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN073058.D
Acq: 23 Jun 2022 19:06

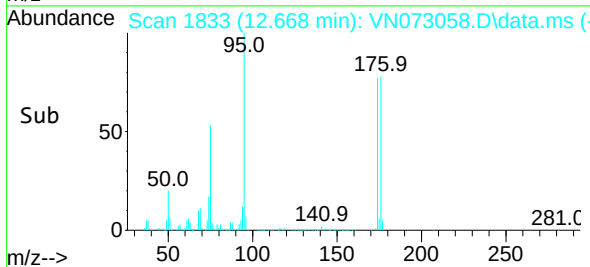
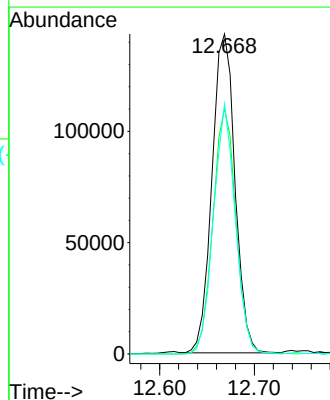
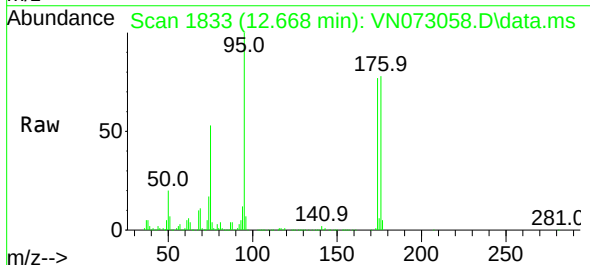
Instrument :
MSVOA_N
ClientSampleId :
WC-14B-2-3-GR

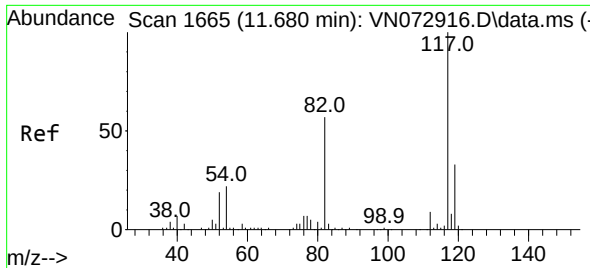
Tgt Ion: 98 Resp: 546599
Ion Ratio Lower Upper
98 100
100 64.9 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 56.320 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN073058.D
Acq: 23 Jun 2022 19:06

Tgt Ion: 95 Resp: 241749
Ion Ratio Lower Upper
95 100
174 76.8 0.0 167.6
176 74.4 0.0 163.4

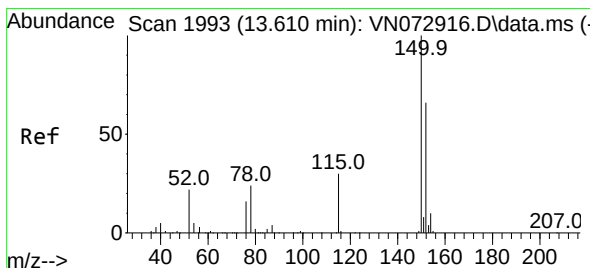
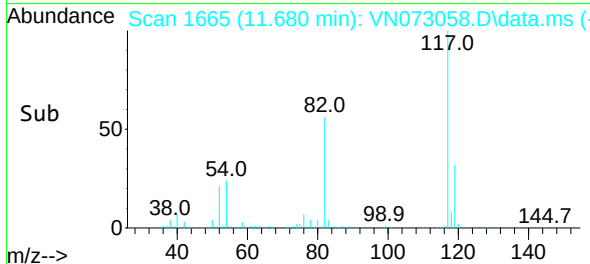
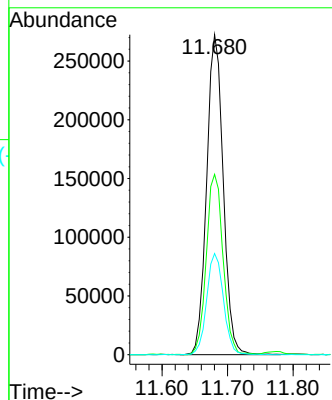
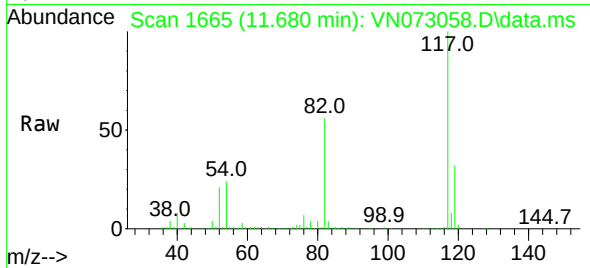




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 1165
Delta R.T. -0.000 min
Lab File: VN073058.D
Acq: 23 Jun 2022 19:06

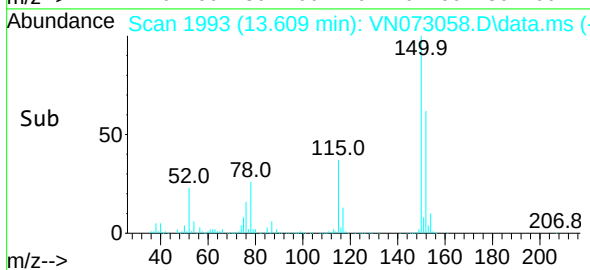
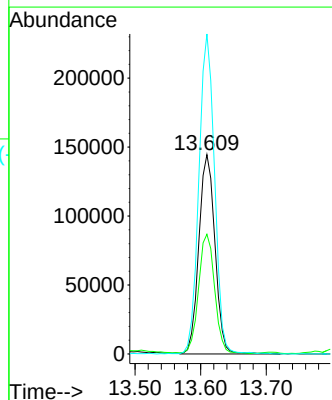
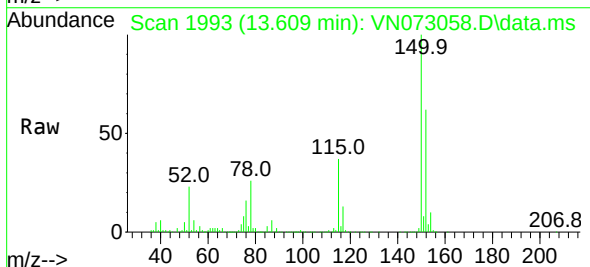
Instrument :
MSVOA_N
ClientSampleId :
WC-14B-2-3-GR

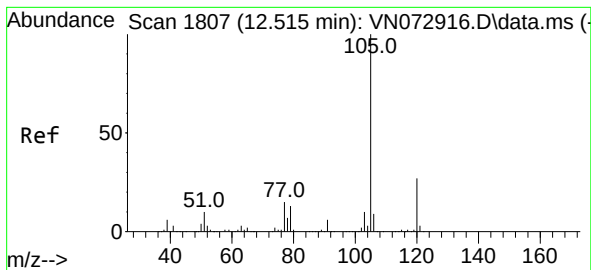
Tgt Ion:117 Resp: 479413
Ion Ratio Lower Upper
117 100
82 56.3 44.2 66.2
119 31.6 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.609 min Scan# 1993
Delta R.T. -0.000 min
Lab File: VN073058.D
Acq: 23 Jun 2022 19:06

Tgt Ion:152 Resp: 247923
Ion Ratio Lower Upper
152 100
115 59.6 28.9 86.7
150 156.2 0.0 356.2





#73

Isopropylbenzene

Concen: 1.501 ug/l

RT: 12.515 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN073058.D

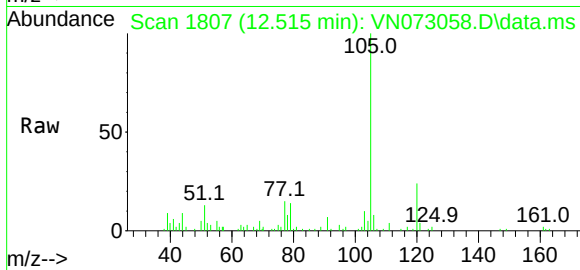
Acq: 23 Jun 2022 19:06

Instrument :

MSVOA_N

ClientSampleId :

WC-14B-2-3-GR



Tgt Ion:105 Resp: 28796

Ion Ratio Lower Upper

105 100

120 25.1 13.5 40.4

