

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041922\
 Data File : VN072060.D
 Acq On : 19 Apr 2022 19:27
 Operator : JC\MD
 Sample : N2452-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-15-1-2

Quant Time: Apr 20 01:28:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 01:57:54 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

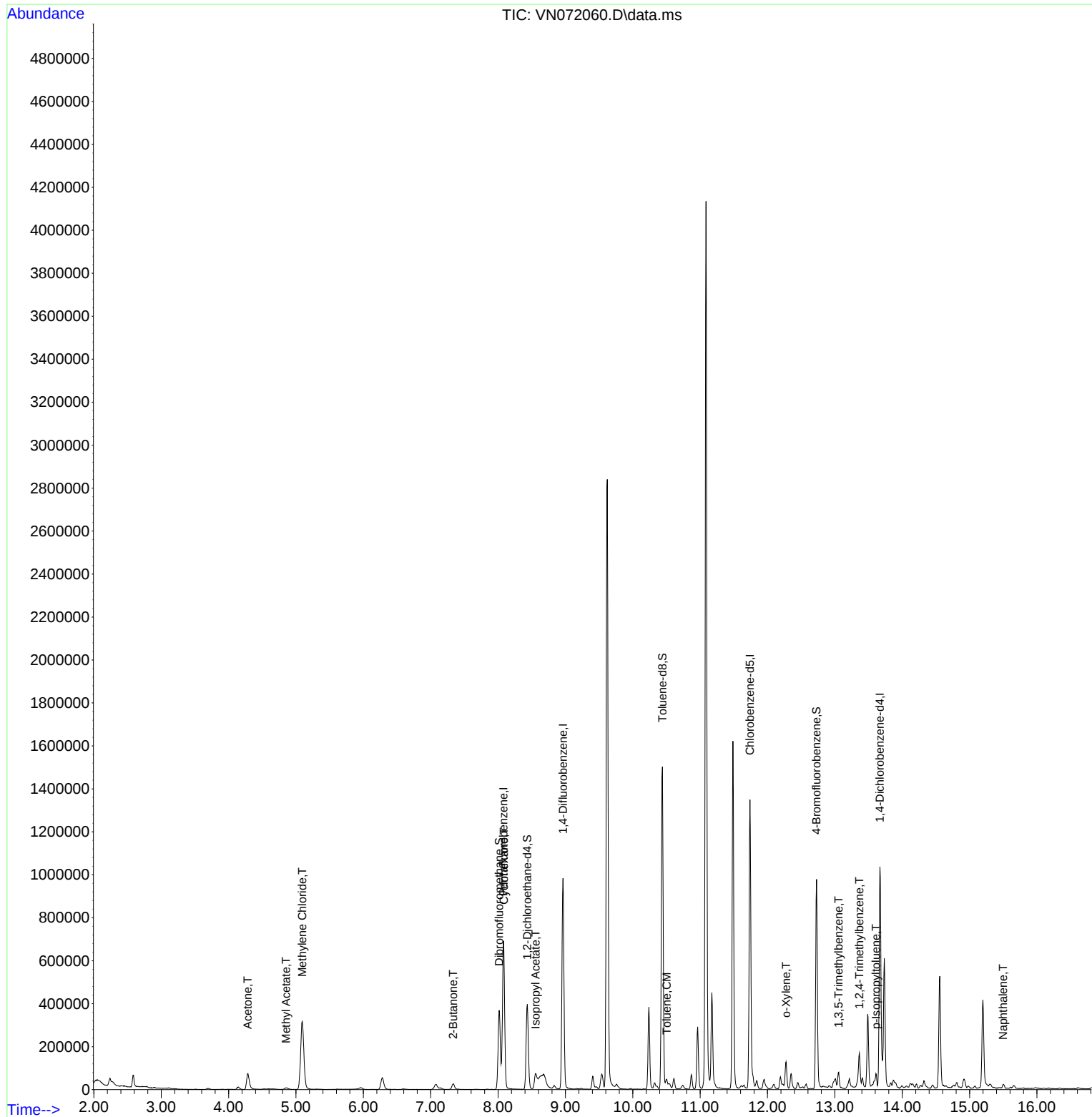
Internal Standards						
1) Pentafluorobenzene	8.081	168	567812	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	910793	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	829626	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	307749	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	326049	50.299	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 100.600%			
35) Dibromofluoromethane	8.016	113	272445	50.834	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 101.660%			
50) Toluene-d8	10.439	98	1096567	50.016	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 100.040%			
62) 4-Bromofluorobenzene	12.727	95	344541	48.590	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 97.180%			
Target Compounds						
					Qvalue	
16) Acetone	4.281	43	131200	47.360	ug/l	92
18) Methyl Acetate	4.851	43	17888	1.128	ug/l	96
20) Methylene Chloride	5.093	84	288364	49.386	ug/l	97
25) 2-Butanone	7.334	43	44436	11.127	ug/l	93
31) Cyclohexane	8.087	56	13149	1.492	ug/l #	11
43) Isopropyl Acetate	8.557	43	85612	6.283	ug/l #	78
52) Toluene	10.504	92	18120	1.212	ug/l	97
69) o-Xylene	12.275	106	27996	2.610	ug/l	98
80) 1,3,5-Trimethylbenzene	13.057	105	32178	1.566	ug/l	100
84) 1,2,4-Trimethylbenzene	13.363	105	89173	4.448	ug/l	99
86) p-Isopropyltoluene	13.610	119	35816	1.845	ug/l	92
95) Naphthalene	15.498	128	20051	5.125	ug/l	97

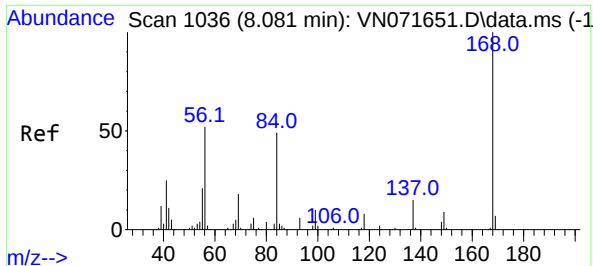
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.081 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN072060.D

Acq: 19 Apr 2022 19:27

Instrument :

MSVOA_N

ClientSampleId :

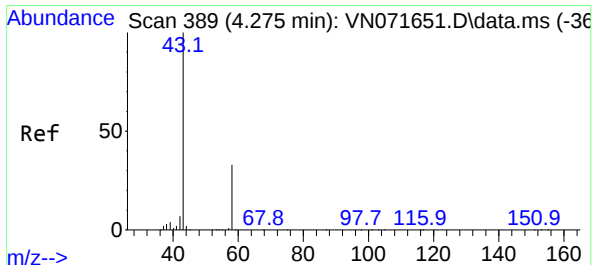
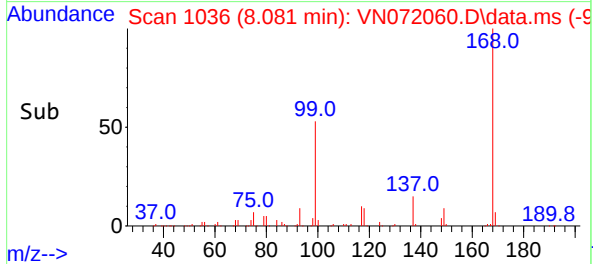
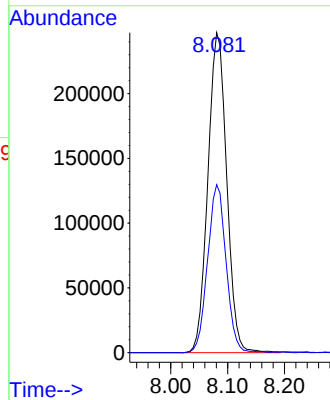
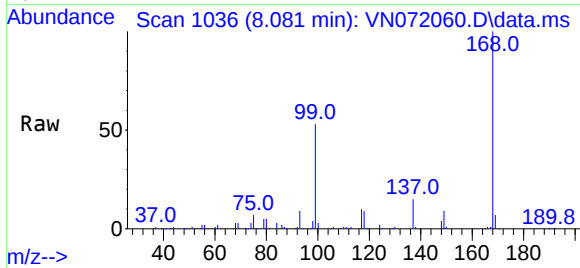
WC-15-1-2

Tgt Ion:168 Resp: 567812

Ion Ratio Lower Upper

168 100

99 52.5 42.3 63.5



#16

Acetone

Concen: 47.360 ug/l

RT: 4.281 min Scan# 390

Delta R.T. 0.006 min

Lab File: VN072060.D

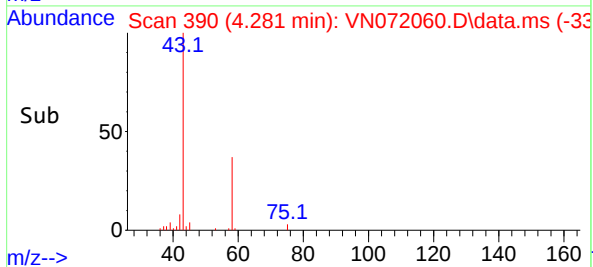
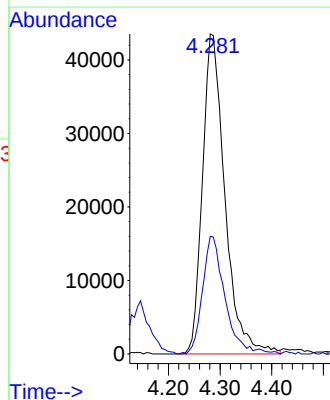
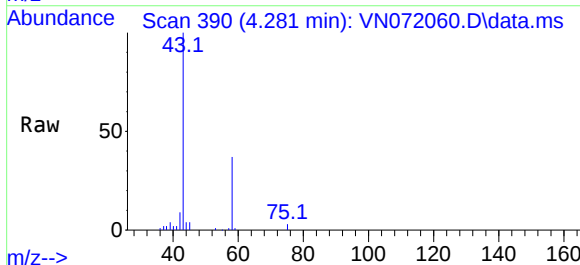
Acq: 19 Apr 2022 19:27

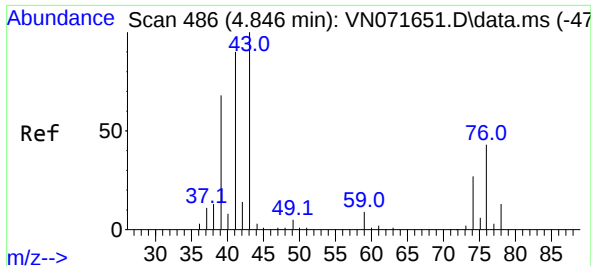
Tgt Ion: 43 Resp: 131200

Ion Ratio Lower Upper

43 100

58 36.8 26.0 39.0

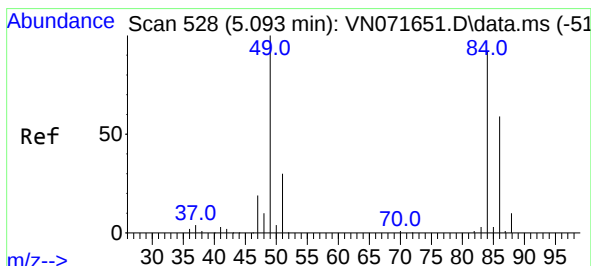
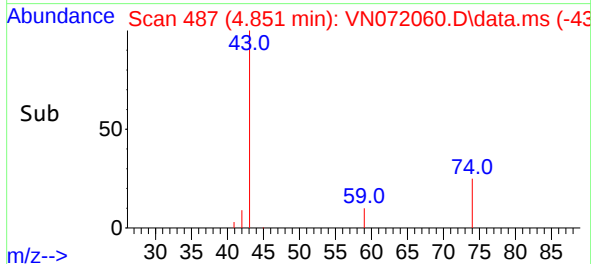
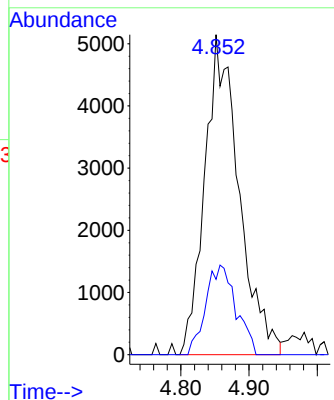
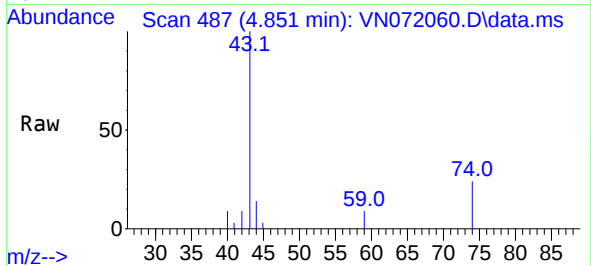




#18
Methyl Acetate
Concen: 1.128 ug/l
RT: 4.851 min Scan# 41
Delta R.T. 0.005 min
Lab File: VN072060.D
Acq: 19 Apr 2022 19:27

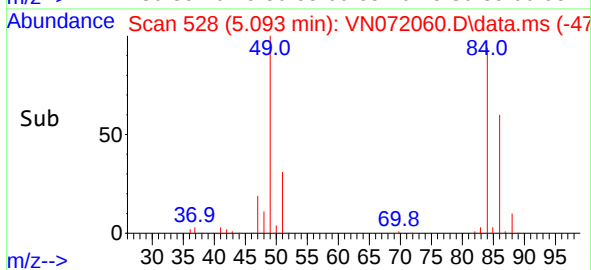
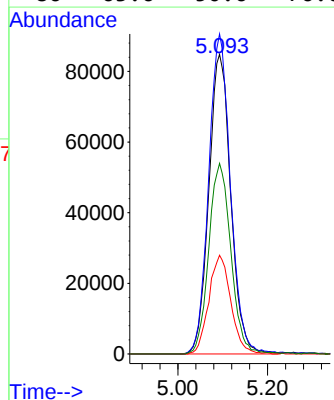
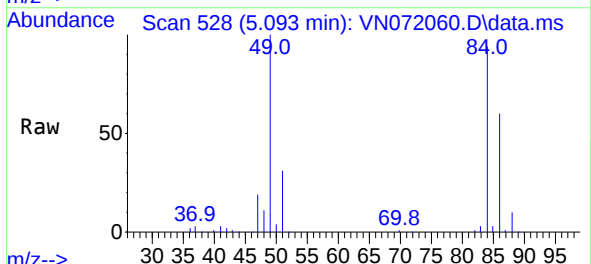
Instrument :
MSVOA_N
ClientSampleId :
WC-15-1-2

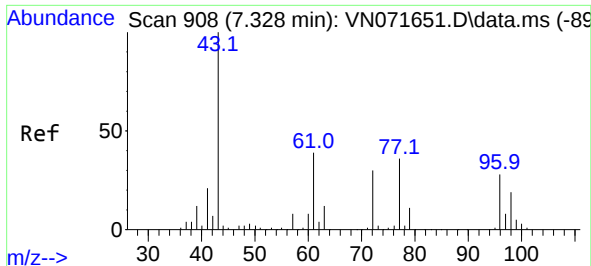
Tgt Ion: 43 Resp: 17888
Ion Ratio Lower Upper
43 100
74 24.8 21.6 32.4



#20
Methylene Chloride
Concen: 49.386 ug/l
RT: 5.093 min Scan# 528
Delta R.T. -0.000 min
Lab File: VN072060.D
Acq: 19 Apr 2022 19:27

Tgt Ion: 84 Resp: 288364
Ion Ratio Lower Upper
84 100
49 106.8 88.3 132.5
51 33.0 28.2 42.2
86 63.6 50.6 76.0





#25

2-Butanone

Concen: 11.127 ug/l

RT: 7.334 min Scan# 908

Delta R.T. 0.006 min

Lab File: VN072060.D

Acq: 19 Apr 2022 19:27

Instrument :

MSVOA_N

ClientSampleId :

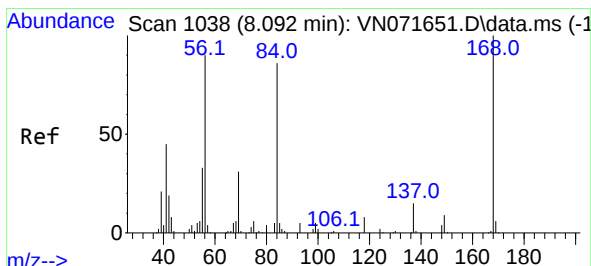
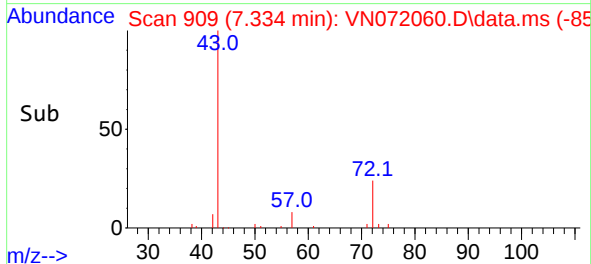
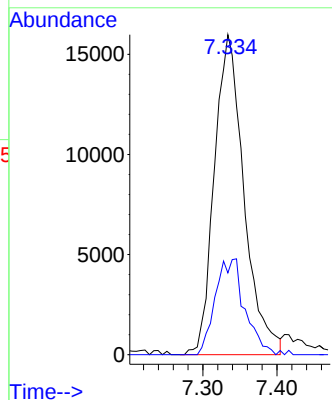
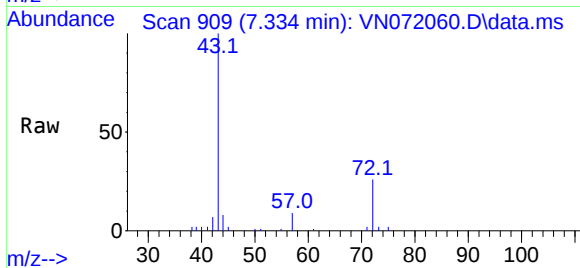
WC-15-1-2

Tgt Ion: 43 Resp: 44436

Ion Ratio Lower Upper

43 100

72 25.6 23.7 35.5



#31

Cyclohexane

Concen: 1.492 ug/l

RT: 8.087 min Scan# 1037

Delta R.T. -0.005 min

Lab File: VN072060.D

Acq: 19 Apr 2022 19:27

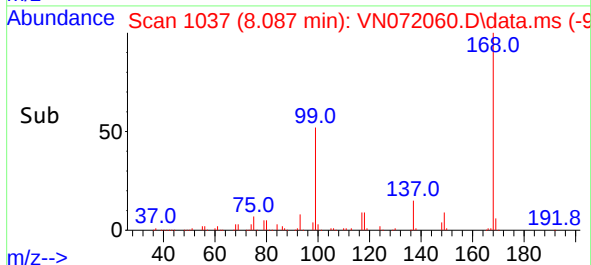
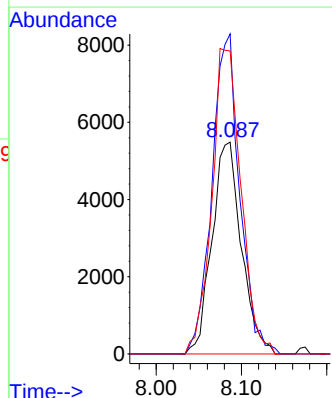
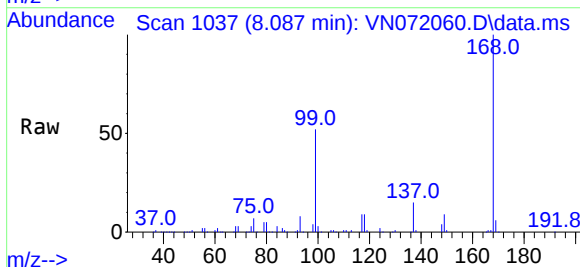
Tgt Ion: 56 Resp: 13149

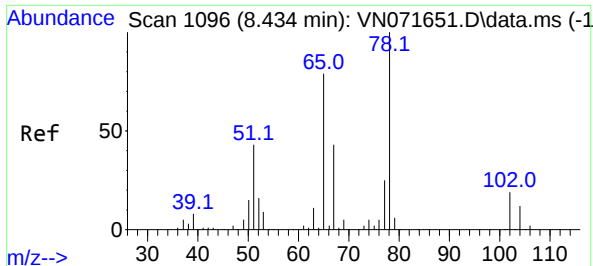
Ion Ratio Lower Upper

56 100

69 151.0 27.8 41.8#

84 143.0 76.9 115.3#

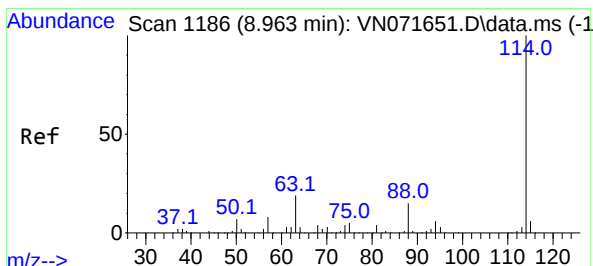
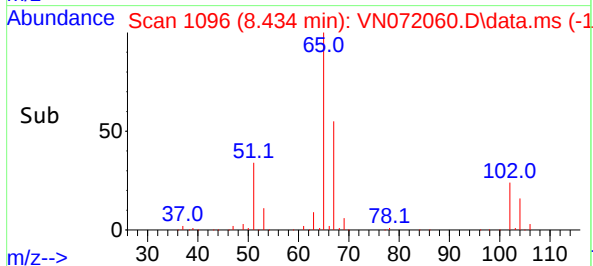
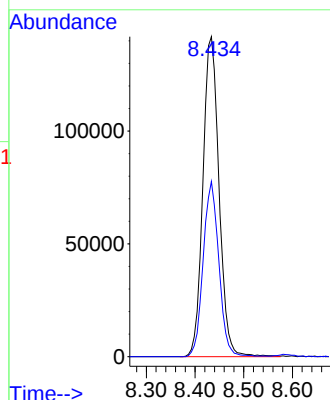
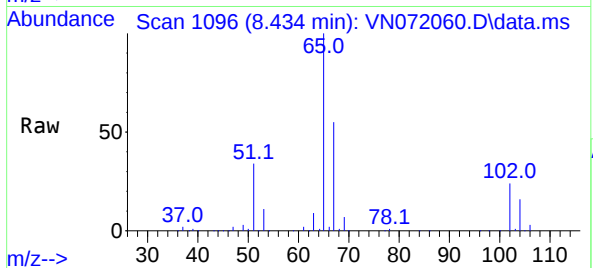




#33
1,2-Dichloroethane-d4
Concen: 50.299 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. -0.000 min
Lab File: VN072060.D
Acq: 19 Apr 2022 19:27

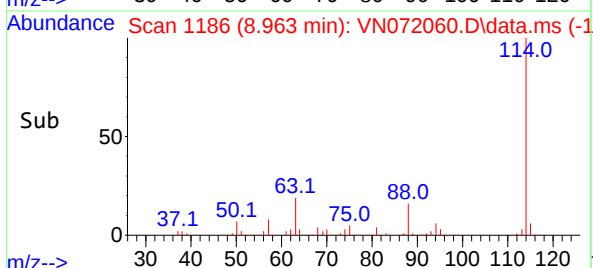
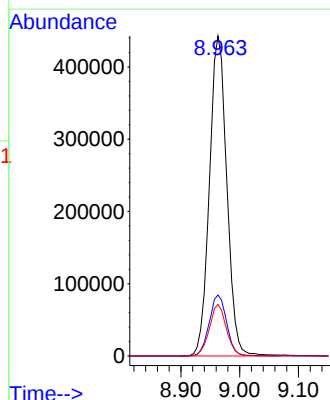
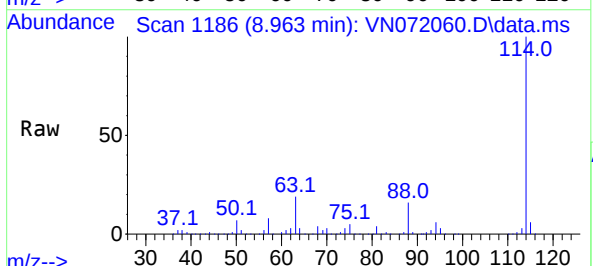
Instrument :
MSVOA_N
ClientSampleId :
WC-15-1-2

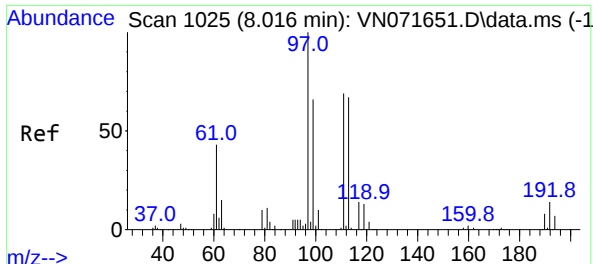
Tgt Ion: 65 Resp: 326049
Ion Ratio Lower Upper
65 100
67 53.2 0.0 104.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. 0.000 min
Lab File: VN072060.D
Acq: 19 Apr 2022 19:27

Tgt Ion:114 Resp: 910793
Ion Ratio Lower Upper
114 100
63 19.1 0.0 40.0
88 16.1 0.0 32.6

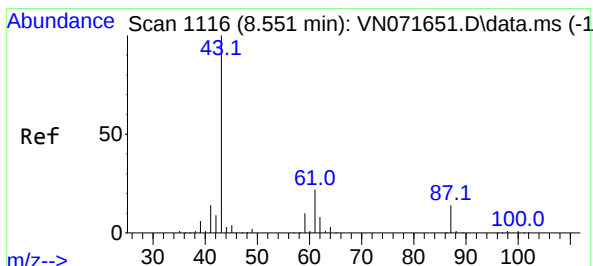
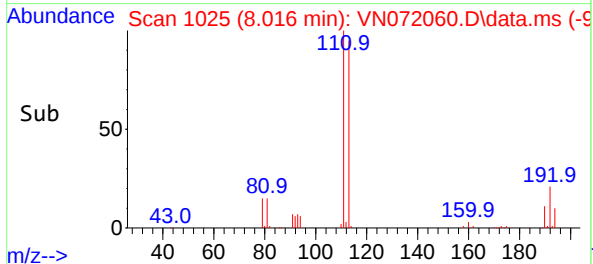
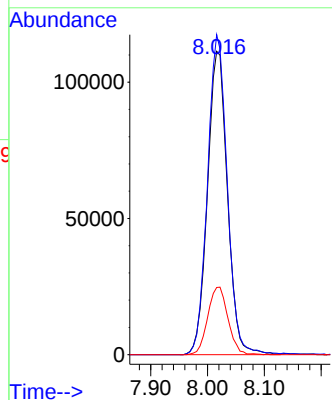
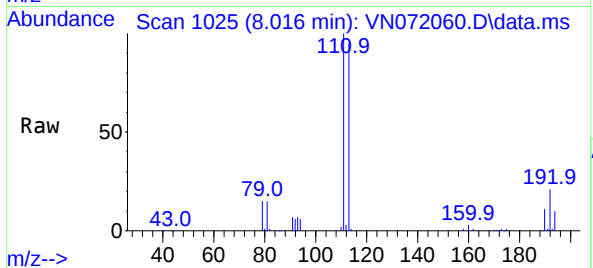




#35
Dibromofluoromethane
Concen: 50.834 ug/l
RT: 8.016 min Scan# 110
Delta R.T. 0.000 min
Lab File: VN072060.D
Acq: 19 Apr 2022 19:27

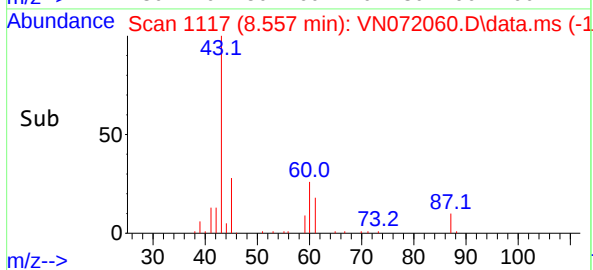
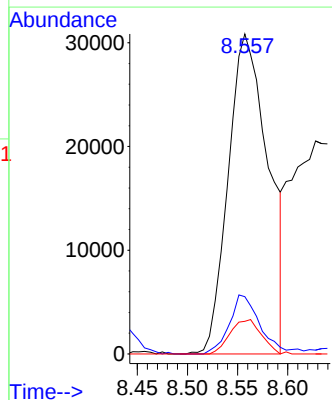
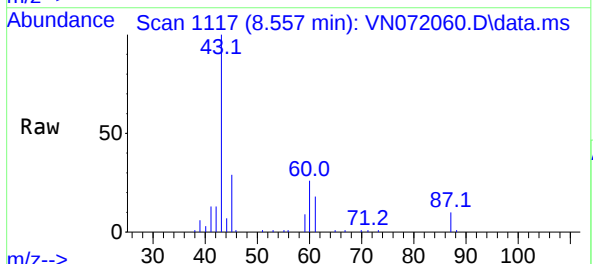
Instrument :
MSVOA_N
ClientSampleId :
WC-15-1-2

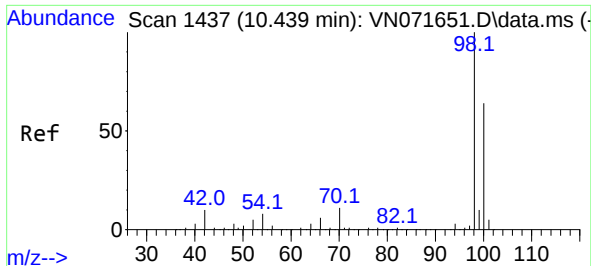
Tgt Ion:113 Resp: 272445
Ion Ratio Lower Upper
113 100
111 104.0 81.4 122.0
192 22.5 17.0 25.6



#43
Isopropyl Acetate
Concen: 6.283 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. 0.006 min
Lab File: VN072060.D
Acq: 19 Apr 2022 19:27

Tgt Ion: 43 Resp: 85612
Ion Ratio Lower Upper
43 100
61 14.4 21.9 32.9#
87 8.4 12.0 18.0#

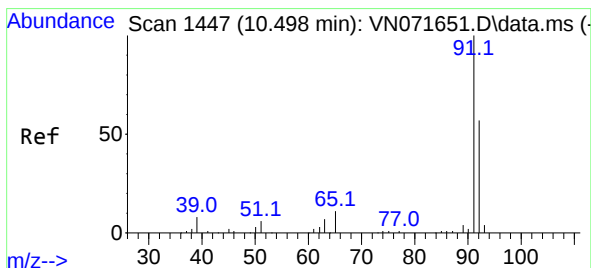
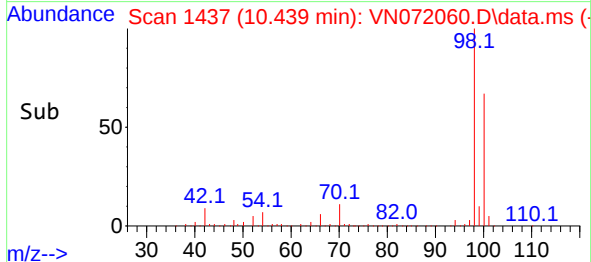
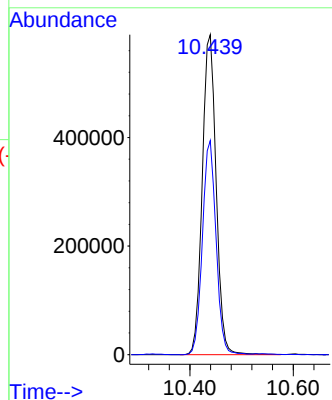
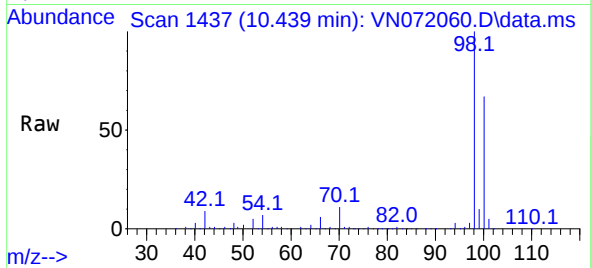




#50
Toluene-d8
Concen: 50.016 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072060.D
Acq: 19 Apr 2022 19:27

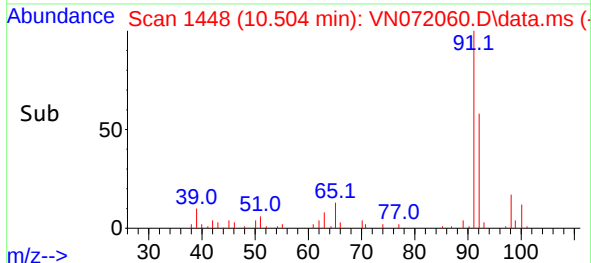
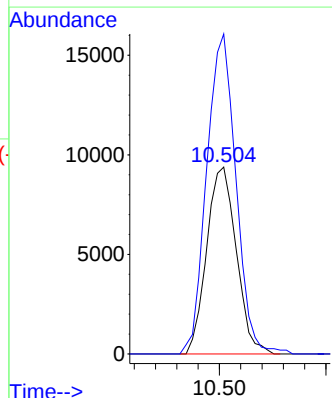
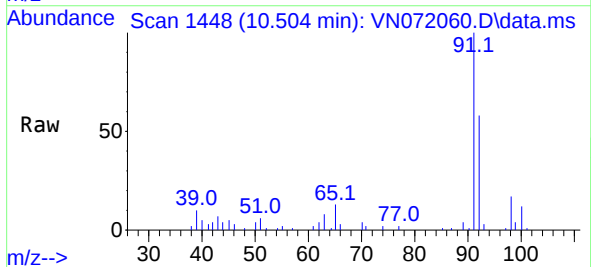
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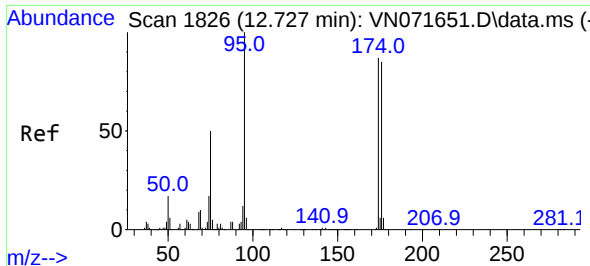
Tgt Ion: 98 Resp: 1096567
Ion Ratio Lower Upper
98 100
100 65.7 52.6 78.8



#52
Toluene
Concen: 1.212 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VN072060.D
Acq: 19 Apr 2022 19:27

Tgt Ion: 92 Resp: 18120
Ion Ratio Lower Upper
92 100
91 169.3 138.6 207.8

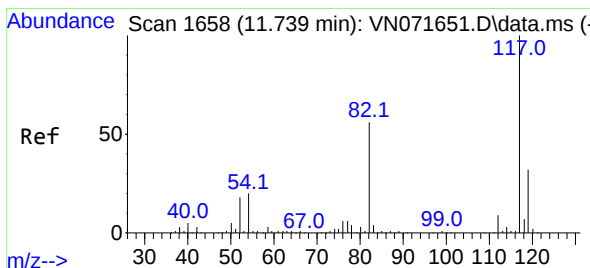
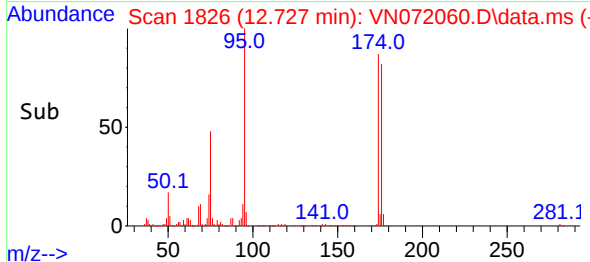
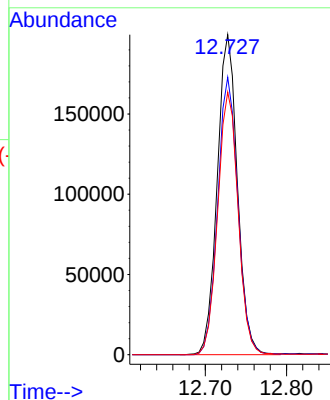
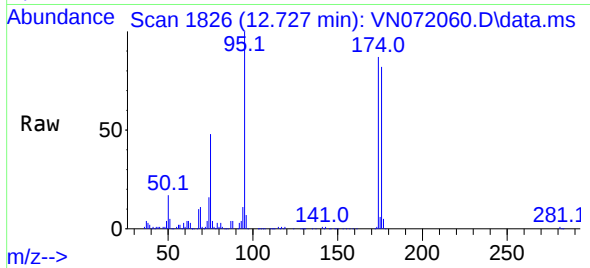




#62
4-Bromofluorobenzene
Concen: 48.590 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072060.D
Acq: 19 Apr 2022 19:27

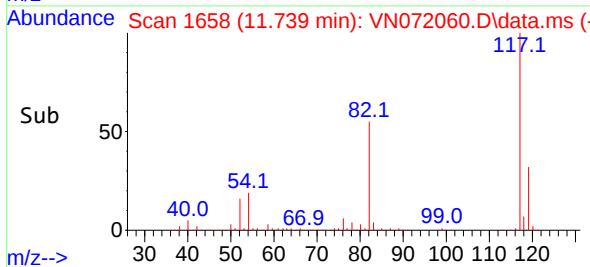
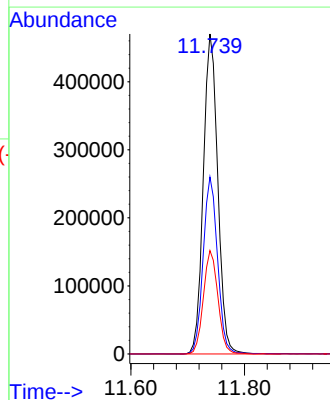
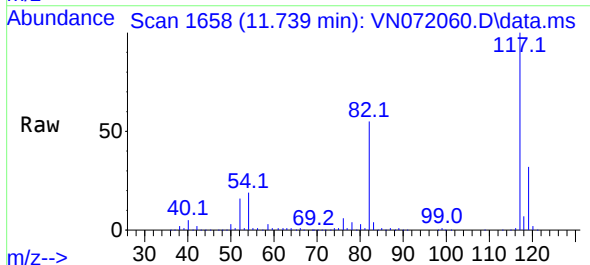
Instrument :
MSVOA_N
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WC-15-1-2

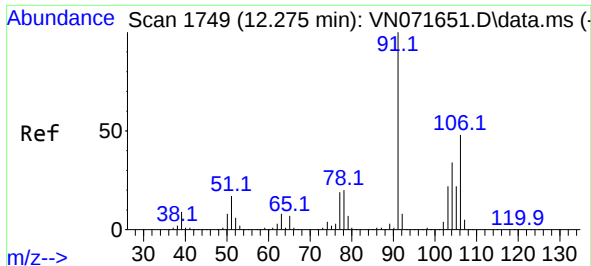
Tgt Ion: 95 Resp: 344541
Ion Ratio Lower Upper
95 100
174 86.8 0.0 167.6
176 83.0 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072060.D
Acq: 19 Apr 2022 19:27

Tgt Ion: 117 Resp: 829626
Ion Ratio Lower Upper
117 100
82 55.3 44.2 66.2
119 32.3 25.4 38.0

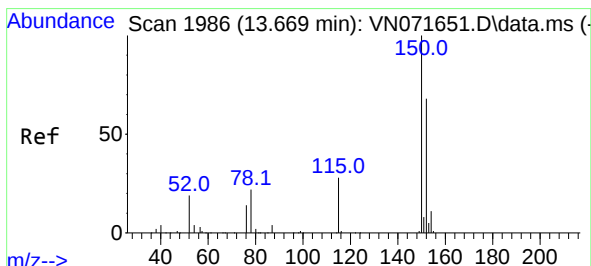
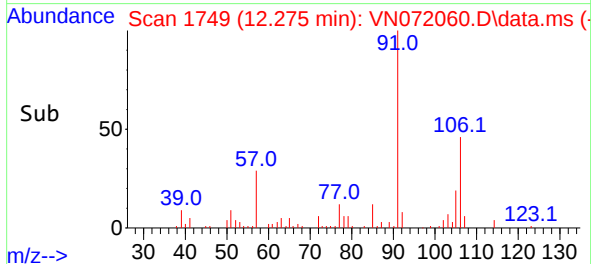
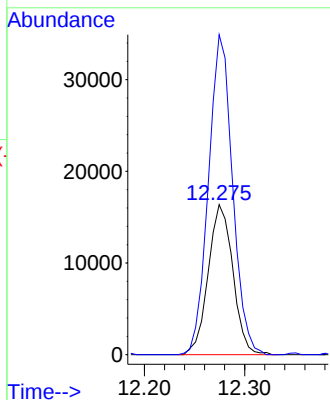
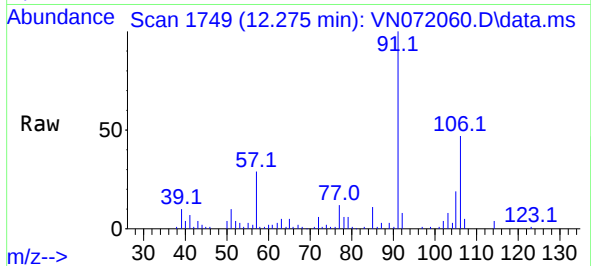




#69
o-Xylene
Concen: 2.610 ug/l
RT: 12.275 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VN072060.D
Acq: 19 Apr 2022 19:27

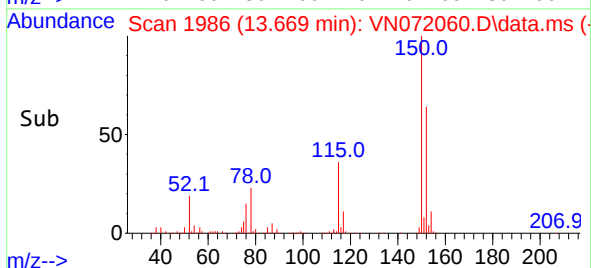
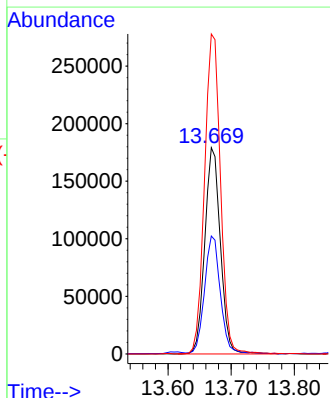
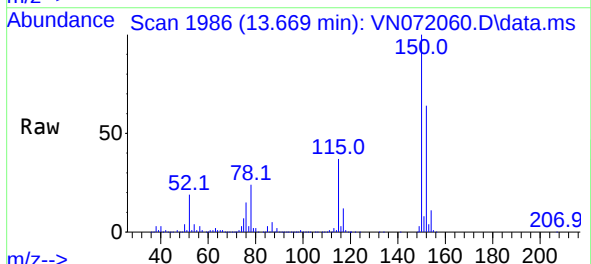
Instrument :
MSVOA_N
ClientSampleId :
WC-15-1-2

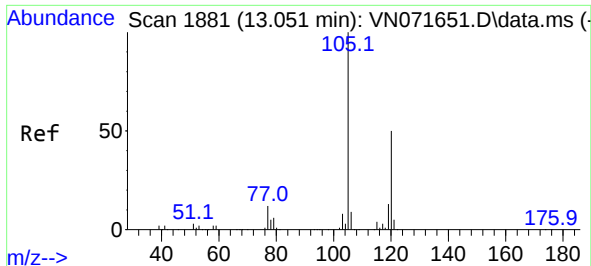
Tgt Ion:106 Resp: 27996
Ion Ratio Lower Upper
106 100
91 208.5 106.0 318.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.669 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN072060.D
Acq: 19 Apr 2022 19:27

Tgt Ion:152 Resp: 307749
Ion Ratio Lower Upper
152 100
115 56.4 28.9 86.7
150 158.6 0.0 356.2

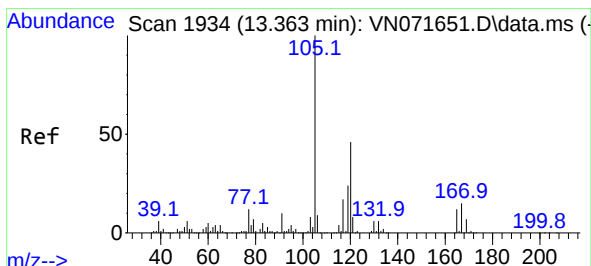
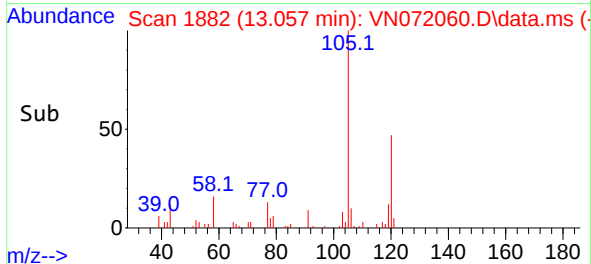
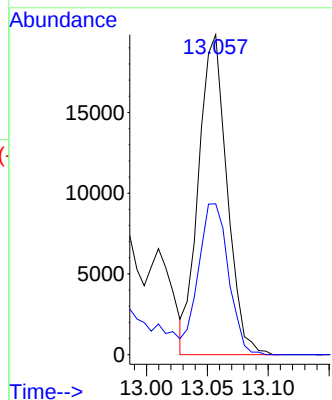
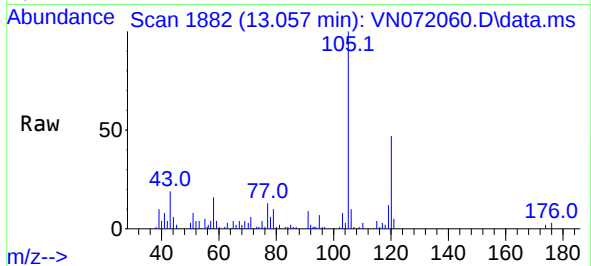




#80
1,3,5-Trimethylbenzene
Concen: 1.566 ug/l
RT: 13.057 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN072060.D
Acq: 19 Apr 2022 19:27

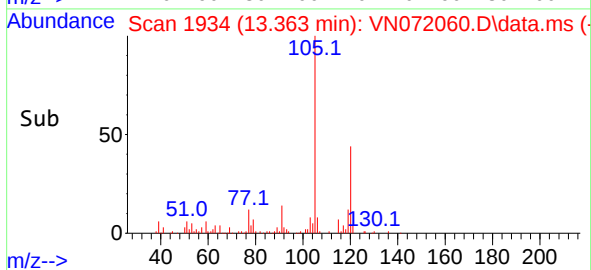
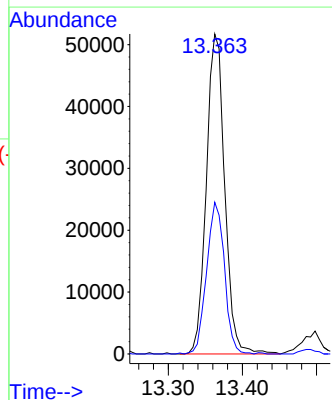
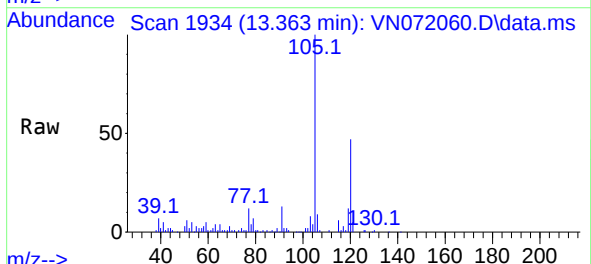
Instrument :
MSVOA_N
ClientSampleId :
WC-15-1-2

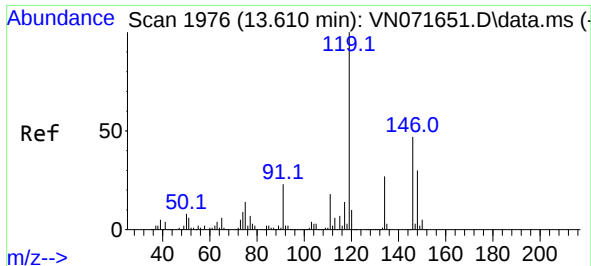
Tgt Ion:105 Resp: 32178
Ion Ratio Lower Upper
105 100
120 50.0 24.9 74.7



#84
1,2,4-Trimethylbenzene
Concen: 4.448 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN072060.D
Acq: 19 Apr 2022 19:27

Tgt Ion:105 Resp: 89173
Ion Ratio Lower Upper
105 100
120 46.0 23.3 69.8

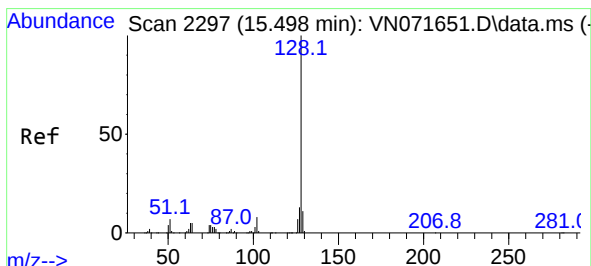
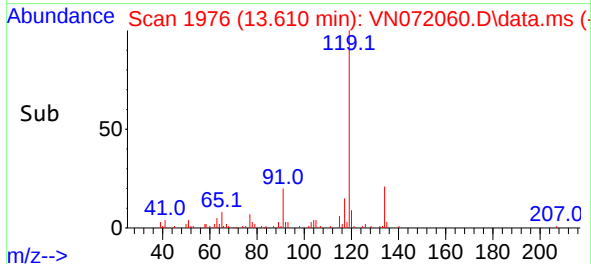
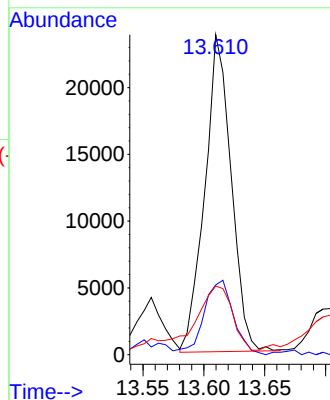
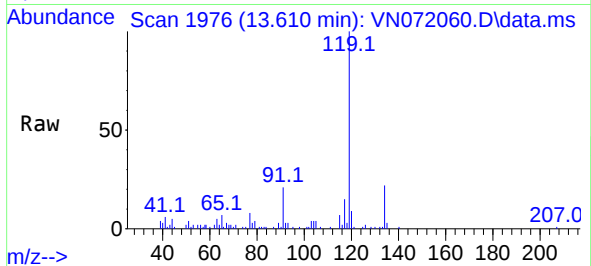




#86
p-Isopropyltoluene
Concen: 1.845 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VN072060.D
Acq: 19 Apr 2022 19:27

Instrument :
MSVOA_N
ClientSampleId :
WC-15-1-2

Tgt Ion:	119	Resp:	35816
Ion	Ratio	Lower	Upper
119	100		
134	25.9	13.3	39.8
91	30.0	11.3	33.9



#95
Naphthalene
Concen: 5.125 ug/l
RT: 15.498 min Scan# 2297
Delta R.T. -0.000 min
Lab File: VN072060.D
Acq: 19 Apr 2022 19:27

Tgt Ion:	128	Resp:	20051
Ion	Ratio	Lower	Upper
128	100		
127	11.5	10.3	15.5
129	12.1	8.6	13.0

