

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040522\
 Data File : VN071862.D
 Acq On : 05 Apr 2022 17:36
 Operator : JC\MD
 Sample : N2246-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-8-9-2-2(3.0-3.5)

Quant Time: Apr 06 06:43:00 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)

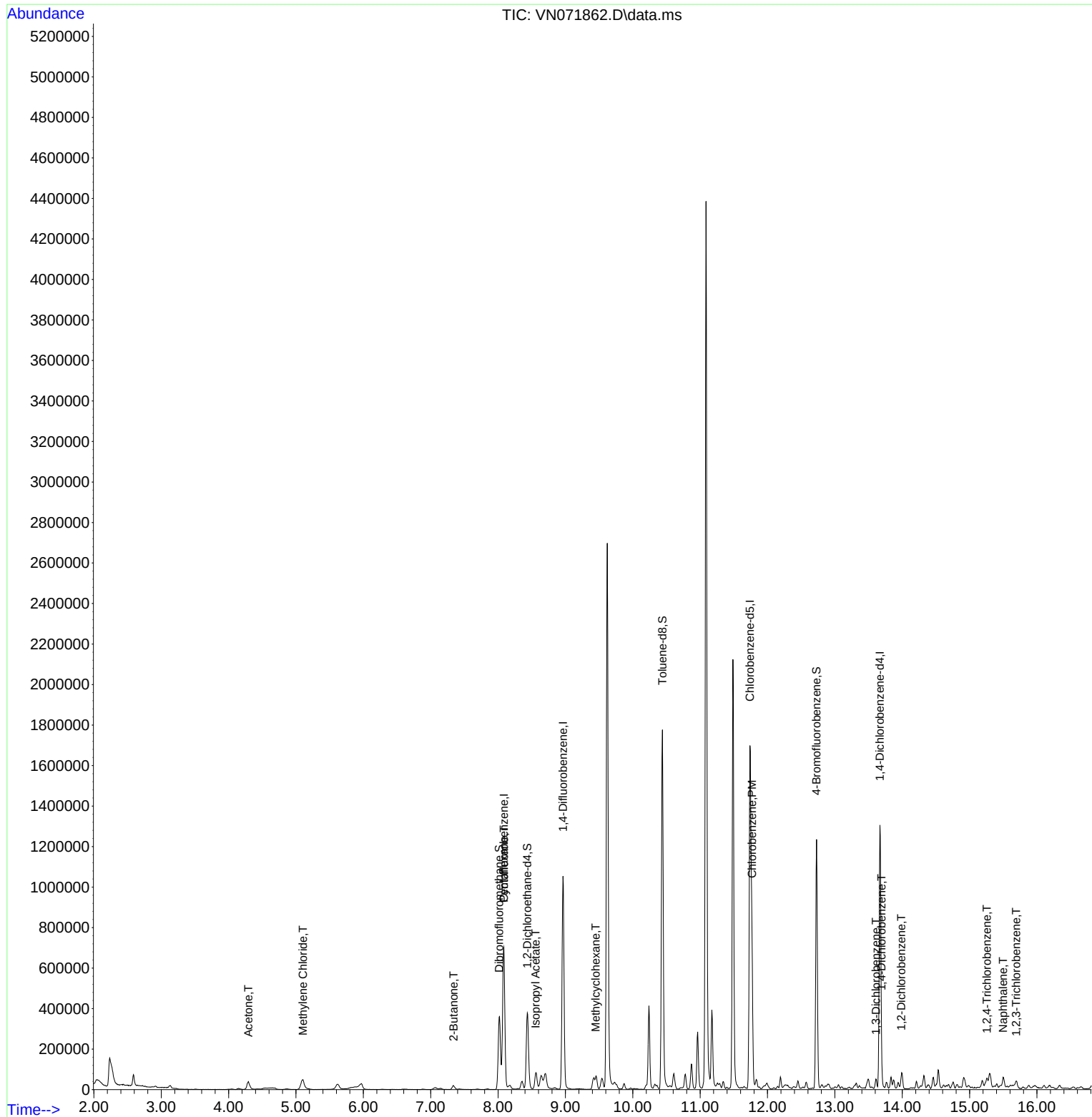
Internal Standards						
1) Pentafluorobenzene	8.086	168	570388	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	978896	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1019306	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	388932	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	311973	47.910	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	95.820%
35) Dibromofluoromethane	8.016	113	273091	47.410	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	94.820%
50) Toluene-d8	10.439	98	1251057	53.092	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	106.180%
62) 4-Bromofluorobenzene	12.727	95	438603	57.553	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	115.100%
Target Compounds						
					Qvalue	
16) Acetone	4.292	43	66535	23.909	ug/l #	87
20) Methylene Chloride	5.104	84	40017	6.822	ug/l	94
25) 2-Butanone	7.339	43	30774	7.671	ug/l	98
31) Cyclohexane	8.086	56	29384	3.318	ug/l #	60
39) Methylcyclohexane	9.451	83	33843	3.534	ug/l	94
43) Isopropyl Acetate	8.557	43	52535	3.587	ug/l #	89
65) Chlorobenzene	11.768	112	431567	21.145	ug/l	98
87) 1,3-Dichlorobenzene	13.610	146	15454	1.181	ug/l	98
88) 1,4-Dichlorobenzene	13.692	146	26694	2.090	ug/l	84
91) 1,2-Dichlorobenzene	13.986	146	13610	1.059	ug/l	98
93) 1,2,4-Trichlorobenzene	15.256	180	11113	3.806	ug/l #	63
95) Naphthalene	15.498	128	60698	6.969	ug/l	96
96) 1,2,3-Trichlorobenzene	15.692	180	14456	4.709	ug/l #	84

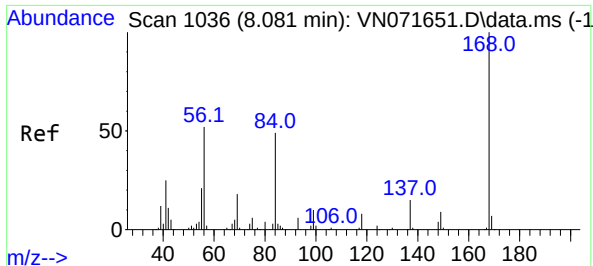
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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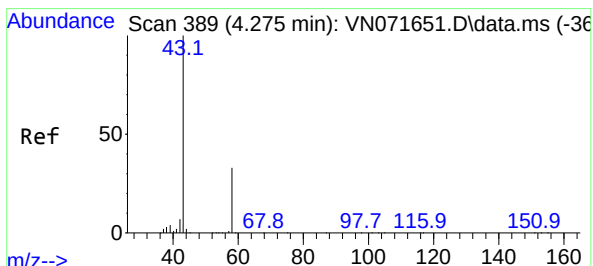
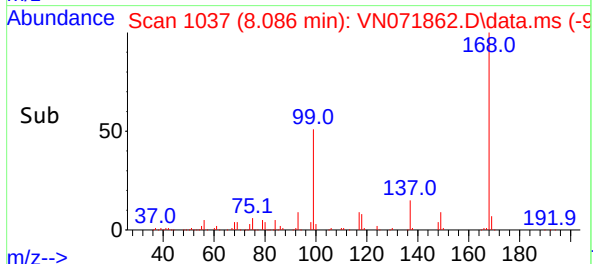
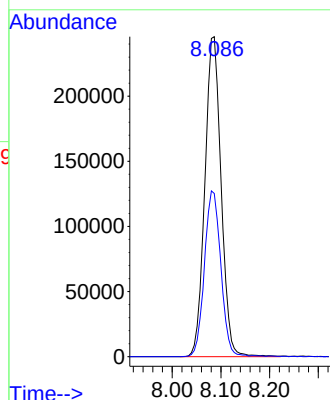
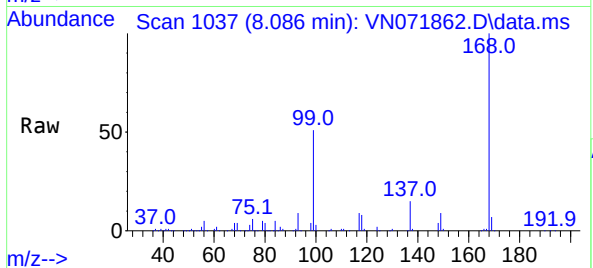




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN071862.D
Acq: 05 Apr 2022 17:36

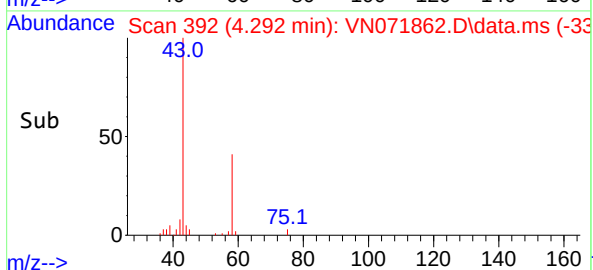
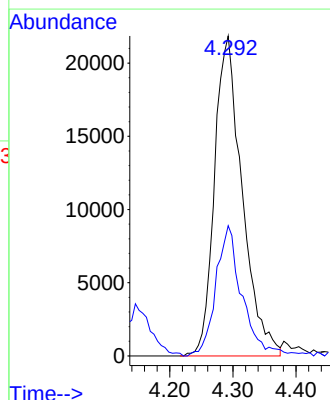
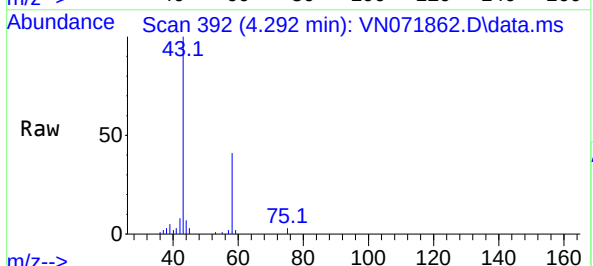
Instrument :
MSVOA_N
ClientSampleId :
WC-8-9-2-2(3.0-3.5)

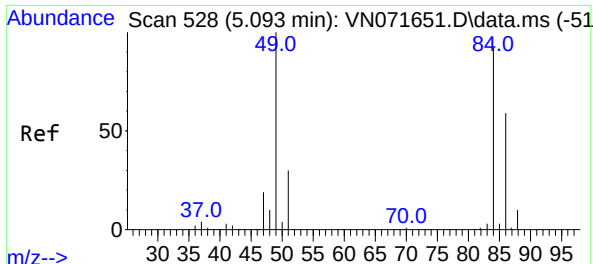
Tgt Ion:168 Resp: 570388
Ion Ratio Lower Upper
168 100
99 51.0 42.3 63.5



#16
Acetone
Concen: 23.909 ug/l
RT: 4.292 min Scan# 392
Delta R.T. 0.017 min
Lab File: VN071862.D
Acq: 05 Apr 2022 17:36

Tgt Ion: 43 Resp: 66535
Ion Ratio Lower Upper
43 100
58 39.8 26.0 39.0#



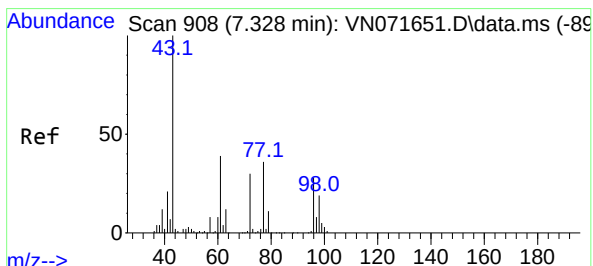
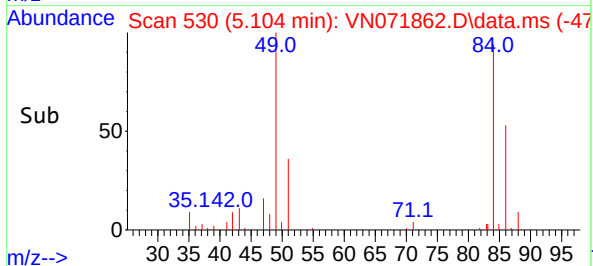
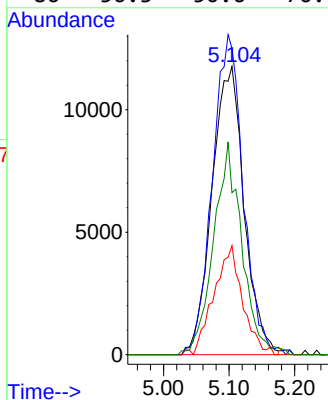
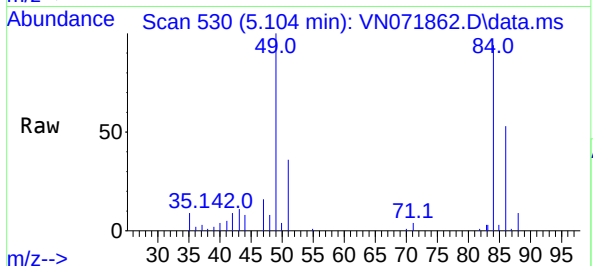


#20
Methylene Chloride
Concen: 6.822 ug/l
RT: 5.104 min Scan# 51
Delta R.T. 0.011 min
Lab File: VN071862.D
Acq: 05 Apr 2022 17:36

Instrument :
MSVOA_N
ClientSampleId :
WC-8-9-2-2(3.0-3.5)

Tgt Ion: 84 Resp: 40017

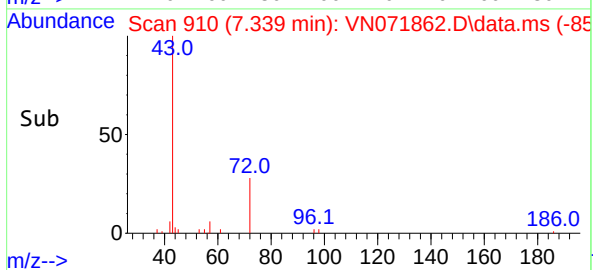
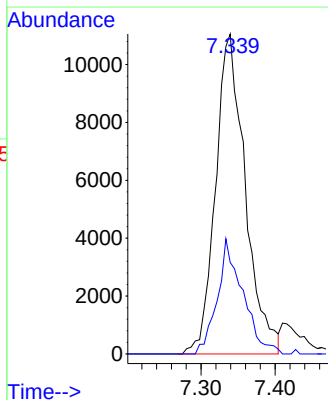
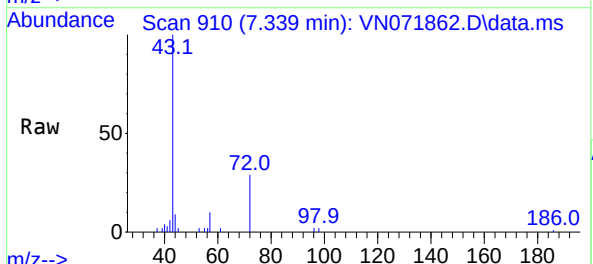
Ion	Ratio	Lower	Upper
84	100		
49	106.3	88.3	132.5
51	37.8	28.2	42.2
86	56.3	50.6	76.0

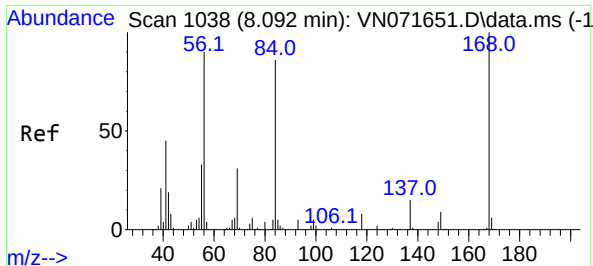


#25
2-Butanone
Concen: 7.671 ug/l
RT: 7.339 min Scan# 910
Delta R.T. 0.011 min
Lab File: VN071862.D
Acq: 05 Apr 2022 17:36

Tgt Ion: 43 Resp: 30774

Ion	Ratio	Lower	Upper
43	100		
72	28.6	23.7	35.5





#31

Cyclohexane

Concen: 3.318 ug/l

RT: 8.086 min Scan# 1037

Delta R.T. -0.006 min

Lab File: VN071862.D

Acq: 05 Apr 2022 17:36

Instrument :

MSVOA_N

ClientSampleId :

WC-8-9-2-2(3.0-3.5)

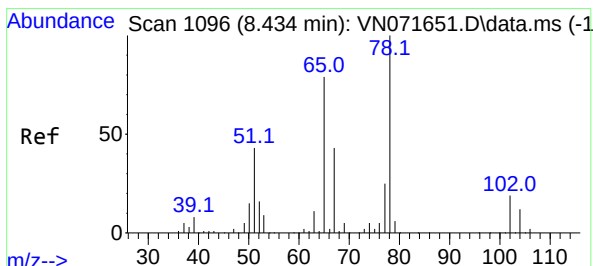
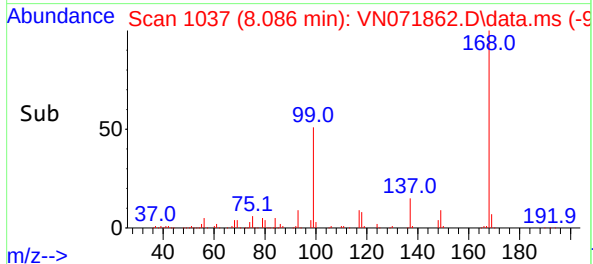
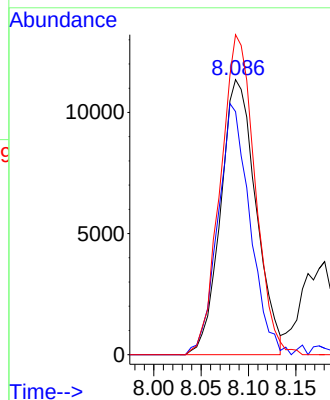
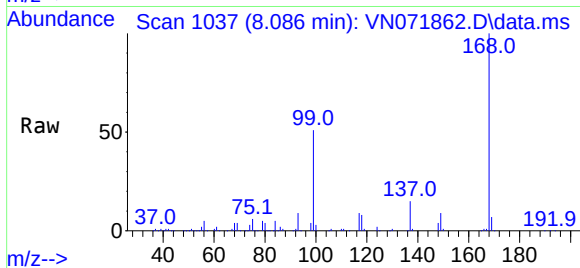
Tgt Ion: 56 Resp: 29384

Ion Ratio Lower Upper

56 100

69 88.3 27.8 41.8#

84 116.3 76.9 115.3#



#33

1,2-Dichloroethane-d4

Concen: 47.910 ug/l

RT: 8.433 min Scan# 1096

Delta R.T. -0.001 min

Lab File: VN071862.D

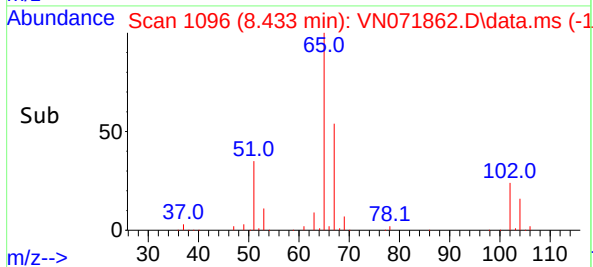
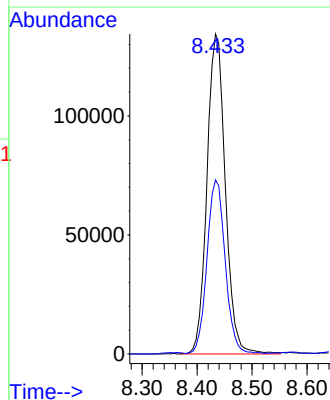
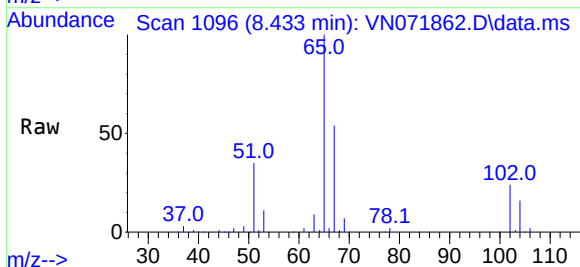
Acq: 05 Apr 2022 17:36

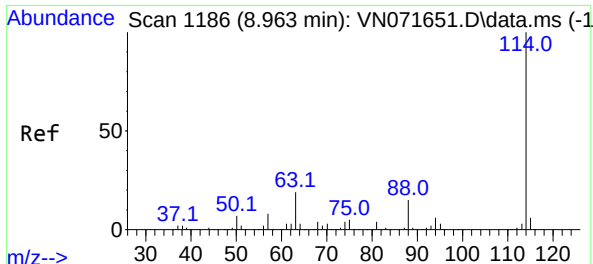
Tgt Ion: 65 Resp: 311973

Ion Ratio Lower Upper

65 100

67 53.7 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: VN071862.D

Acq: 05 Apr 2022 17:36

Instrument :

MSVOA_N

ClientSampleId :

WC-8-9-2-2(3.0-3.5)

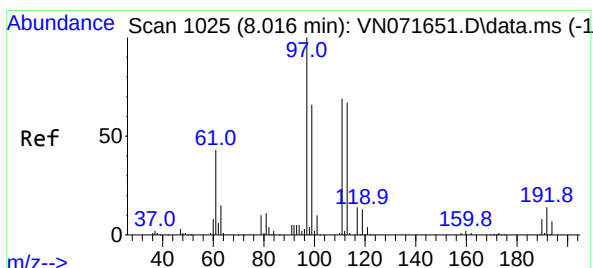
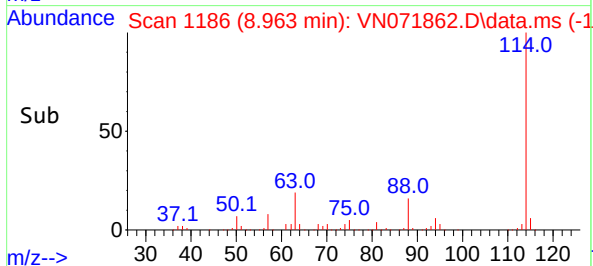
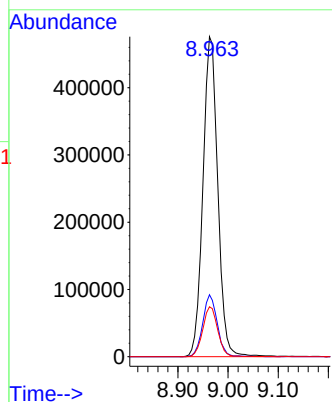
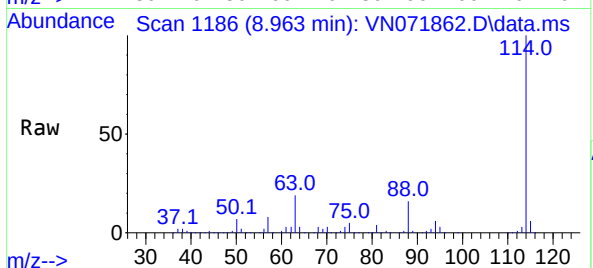
Tgt Ion:114 Resp: 978896

Ion Ratio Lower Upper

114 100

63 19.4 0.0 40.0

88 15.6 0.0 32.6



#35

Dibromofluoromethane

Concen: 47.410 ug/l

RT: 8.016 min Scan# 1025

Delta R.T. -0.000 min

Lab File: VN071862.D

Acq: 05 Apr 2022 17:36

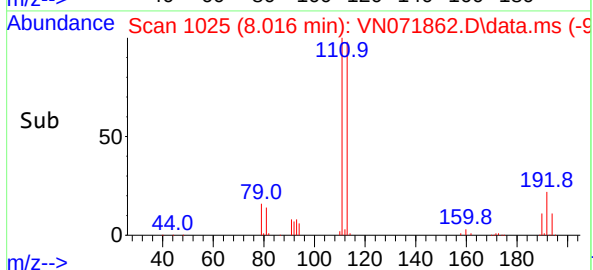
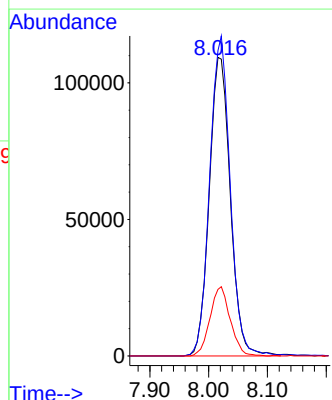
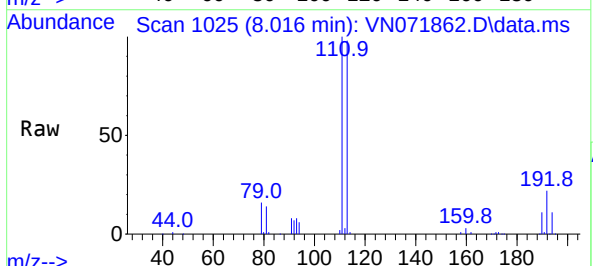
Tgt Ion:113 Resp: 273091

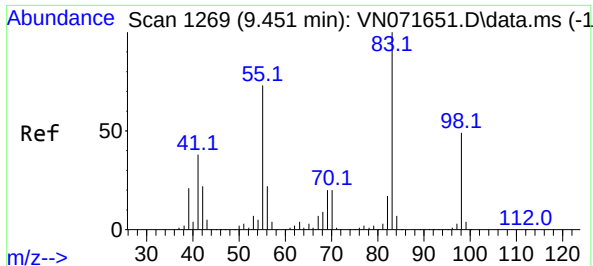
Ion Ratio Lower Upper

113 100

111 104.5 81.4 122.0

192 22.2 17.0 25.6

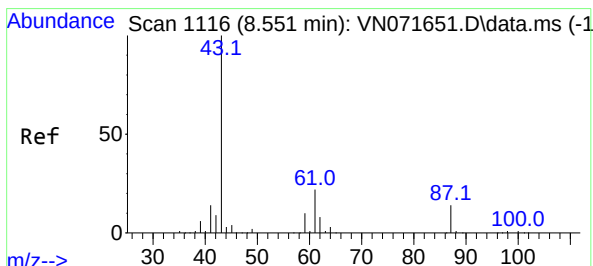
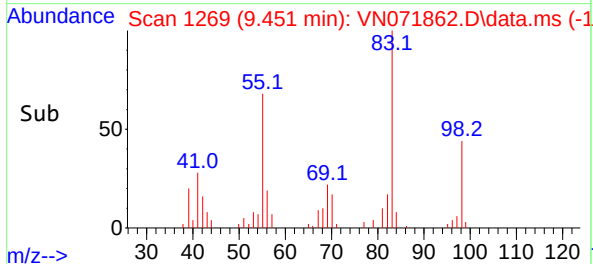
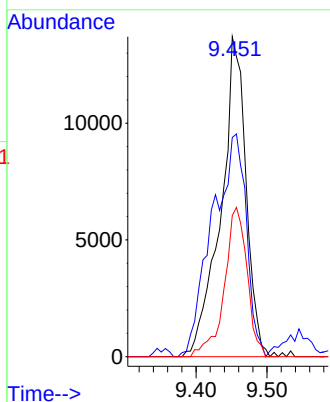
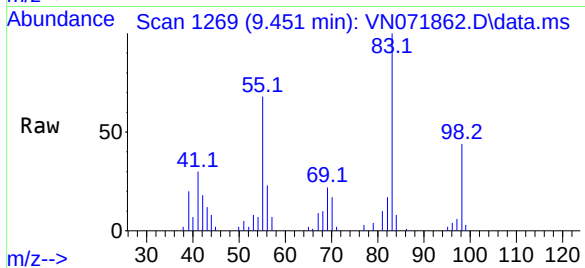




#39
Methylcyclohexane
Concen: 3.534 ug/l
RT: 9.451 min Scan# 1116
Delta R.T. -0.000 min
Lab File: VN071862.D
Acq: 05 Apr 2022 17:36

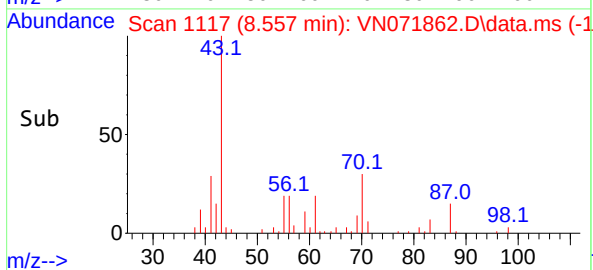
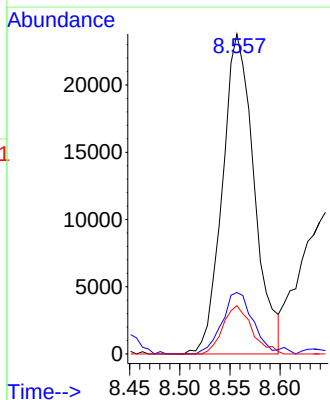
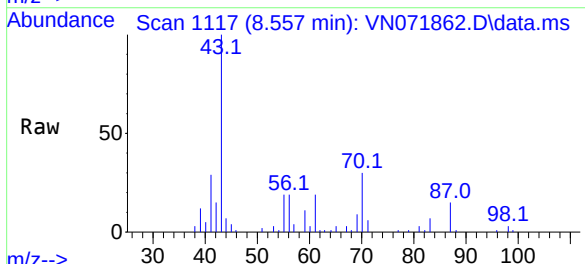
Instrument :
MSVOA_N
ClientSampleId :
WC-8-9-2-2(3.0-3.5)

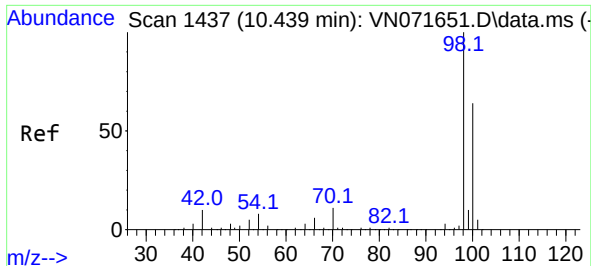
Tgt Ion:	83	Resp:	33843
Ion	Ratio	Lower	Upper
83	100		
55	68.5	57.8	86.8
98	44.1	39.4	59.2



#43
Isopropyl Acetate
Concen: 3.587 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. 0.006 min
Lab File: VN071862.D
Acq: 05 Apr 2022 17:36

Tgt Ion:	43	Resp:	52535
Ion	Ratio	Lower	Upper
43	100		
61	19.1	21.9	32.9#
87	13.7	12.0	18.0

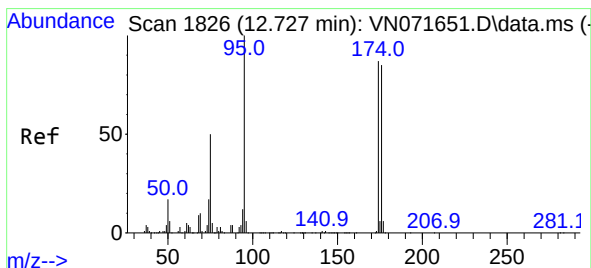
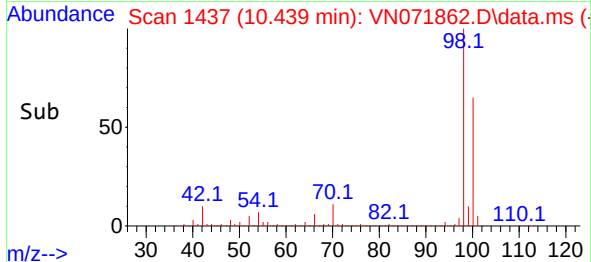
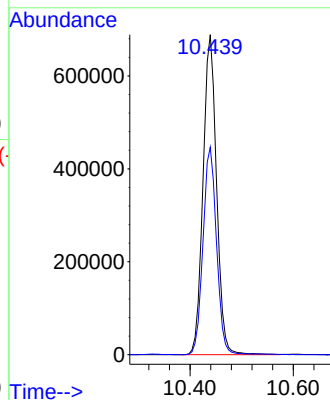
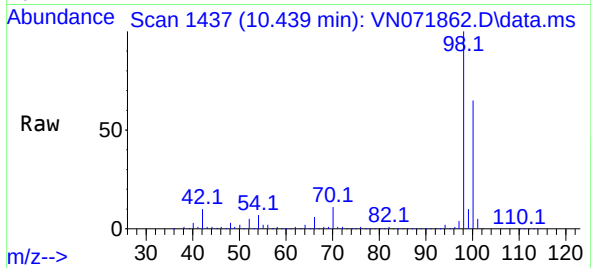




#50
Toluene-d8
Concen: 53.092 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071862.D
Acq: 05 Apr 2022 17:36

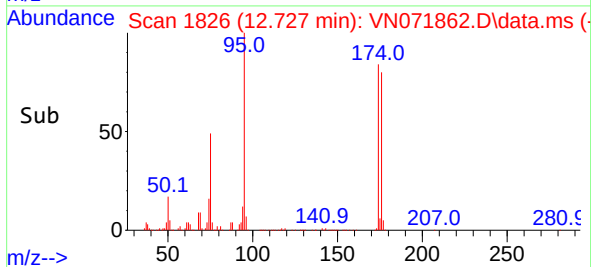
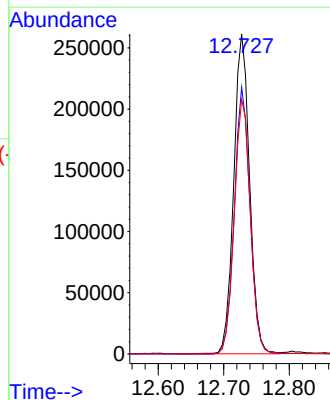
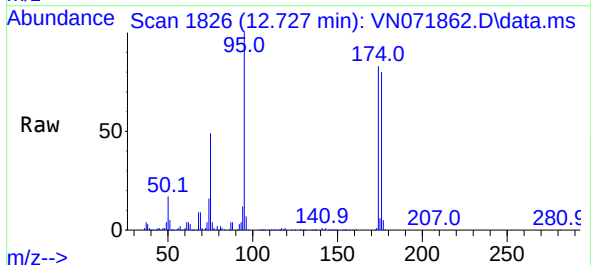
Instrument :
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WC-8-9-2-2(3.0-3.5)

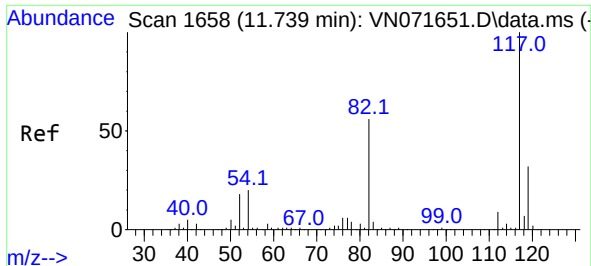
Tgt Ion: 98 Resp: 1251057
Ion Ratio Lower Upper
98 100
100 64.8 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 57.553 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071862.D
Acq: 05 Apr 2022 17:36

Tgt Ion: 95 Resp: 438603
Ion Ratio Lower Upper
95 100
174 82.9 0.0 167.6
176 80.5 0.0 163.4

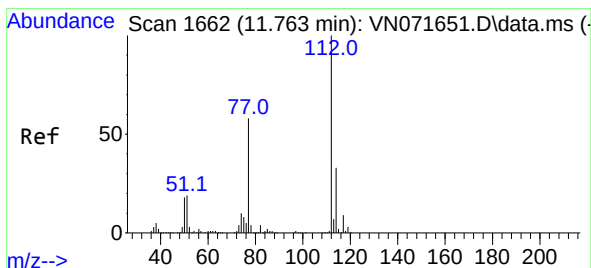
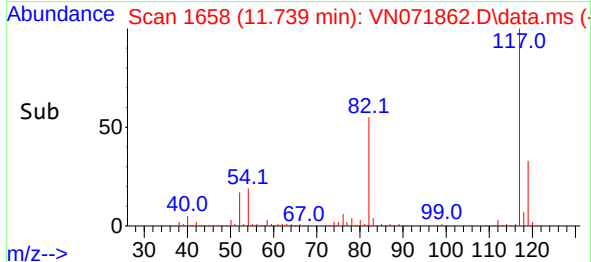
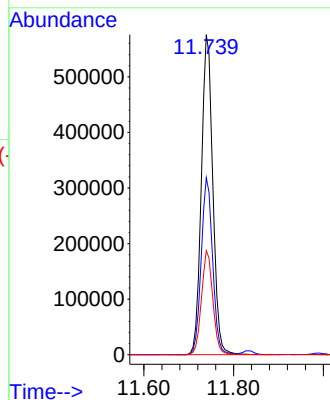
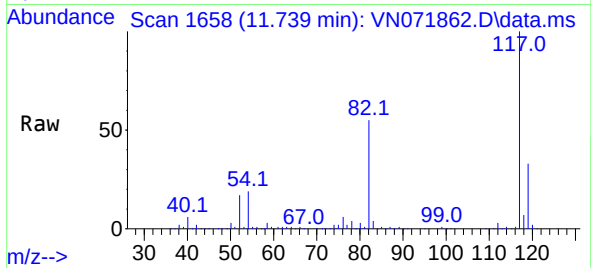




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VN071862.D
Acq: 05 Apr 2022 17:36

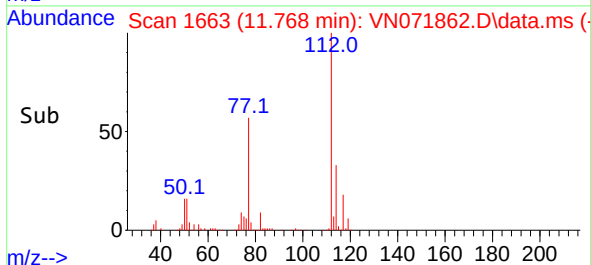
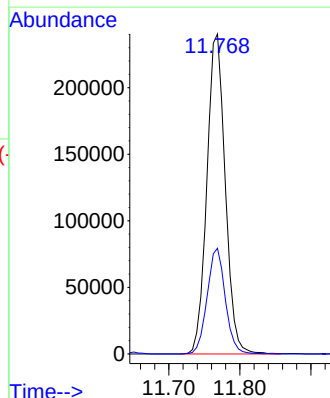
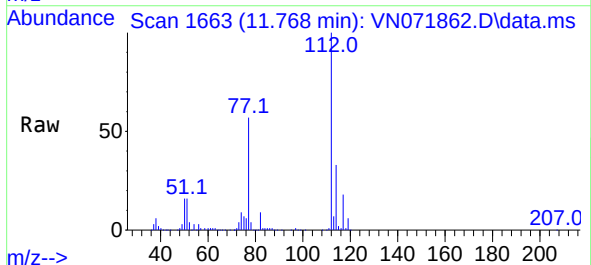
Instrument :
MSVOA_N
ClientSampleId :
WC-8-9-2-2(3.0-3.5)

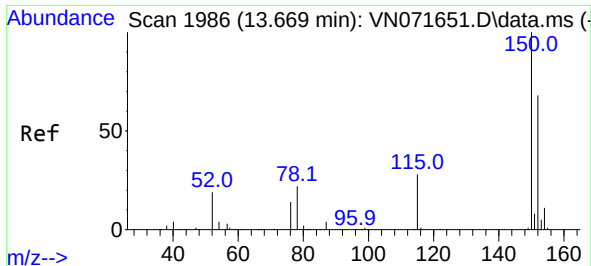
Tgt Ion:117 Resp: 1019306
Ion Ratio Lower Upper
117 100
82 55.3 44.2 66.2
119 32.5 25.4 38.0



#65
Chlorobenzene
Concen: 21.145 ug/l
RT: 11.768 min Scan# 1663
Delta R.T. 0.005 min
Lab File: VN071862.D
Acq: 05 Apr 2022 17:36

Tgt Ion:112 Resp: 431567
Ion Ratio Lower Upper
112 100
114 33.1 25.4 38.2

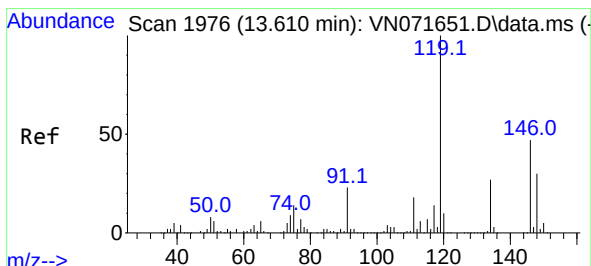
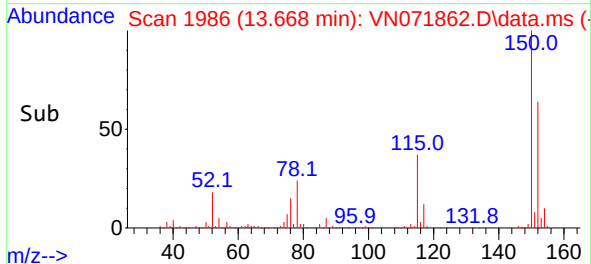
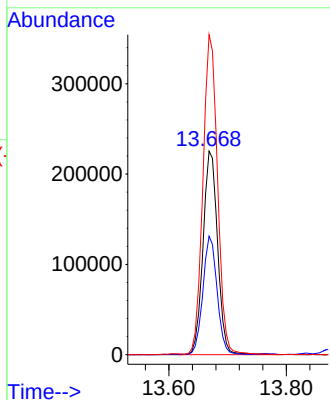
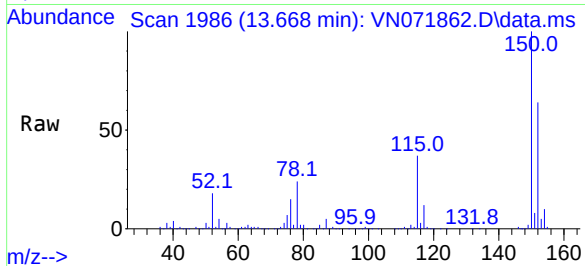




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN071862.D
Acq: 05 Apr 2022 17:36

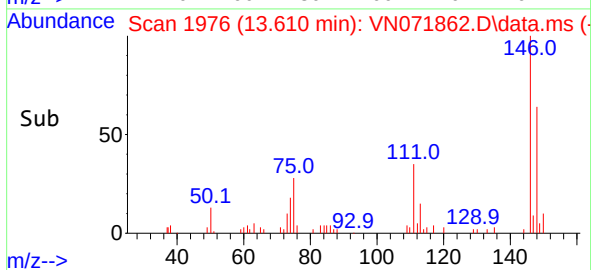
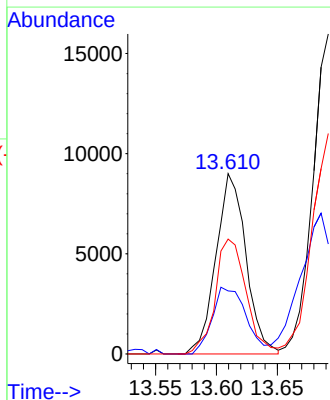
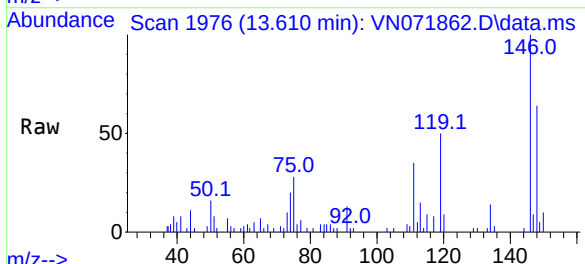
Instrument :
MSVOA_N
ClientSampleId :
WC-8-9-2-2(3.0-3.5)

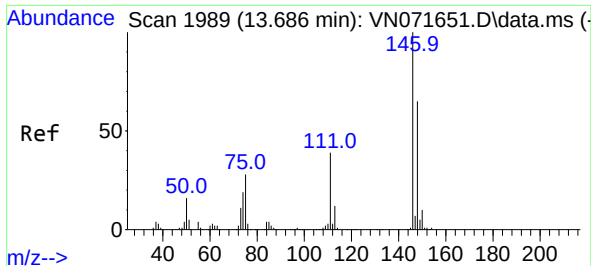
Tgt Ion:152 Resp: 388932
Ion Ratio Lower Upper
152 100
115 56.3 28.9 86.7
150 157.8 0.0 356.2



#87
1,3-Dichlorobenzene
Concen: 1.181 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VN071862.D
Acq: 05 Apr 2022 17:36

Tgt Ion:146 Resp: 15454
Ion Ratio Lower Upper
146 100
111 41.3 20.0 60.0
148 65.7 32.0 96.0

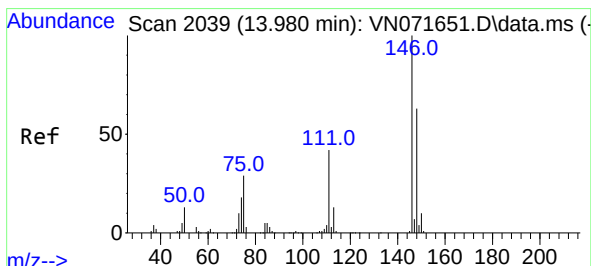
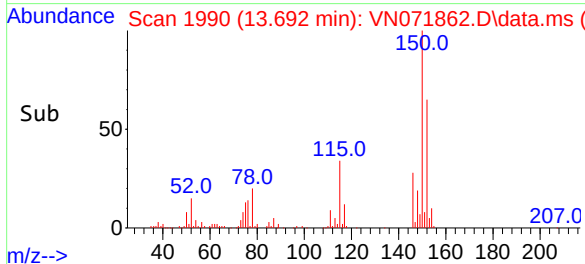
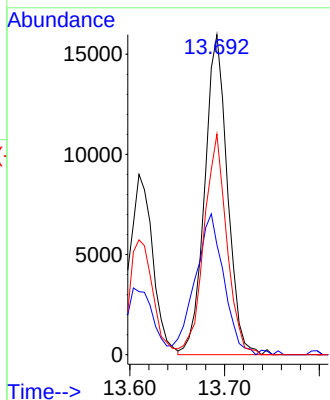
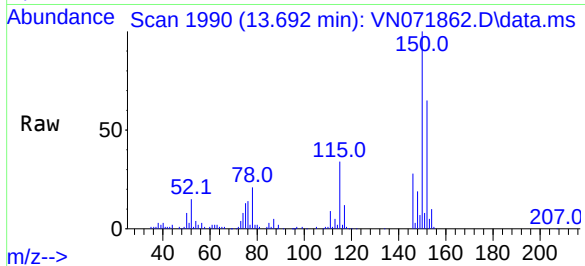




#88
1,4-Dichlorobenzene
Concen: 2.090 ug/l
RT: 13.692 min Scan# 1989
Delta R.T. 0.006 min
Lab File: VN071862.D
Acq: 05 Apr 2022 17:36

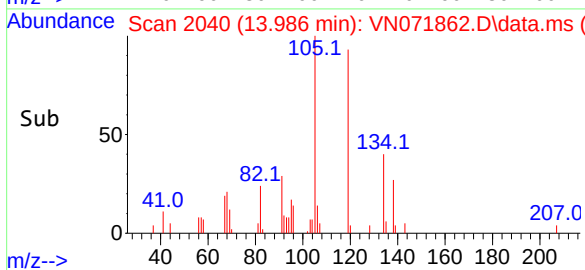
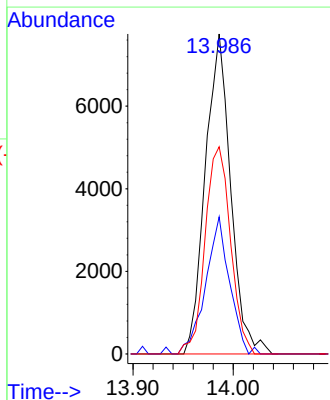
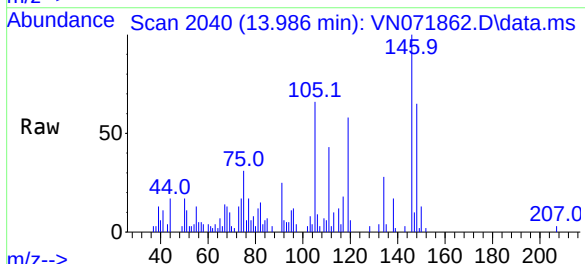
Instrument :
MSVOA_N
ClientSampleId :
WC-8-9-2-2(3.0-3.5)

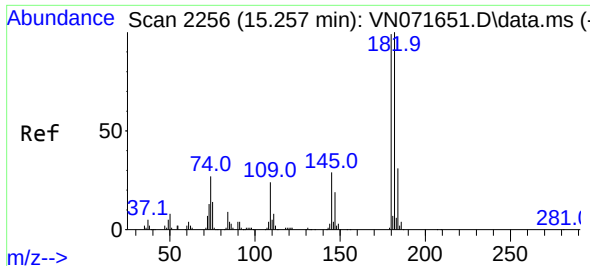
Tgt Ion:146	Resp:	26694
Ion Ratio	Lower	Upper
146	100	
111	55.8	19.1 57.1
148	69.2	31.4 94.3



#91
1,2-Dichlorobenzene
Concen: 1.059 ug/l
RT: 13.986 min Scan# 2040
Delta R.T. 0.006 min
Lab File: VN071862.D
Acq: 05 Apr 2022 17:36

Tgt Ion:146	Resp:	13610
Ion Ratio	Lower	Upper
146	100	
111	40.5	20.9 62.8
148	65.1	32.1 96.3

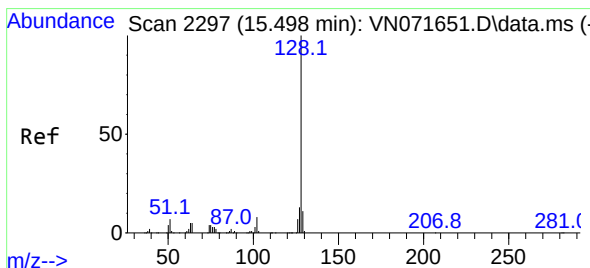
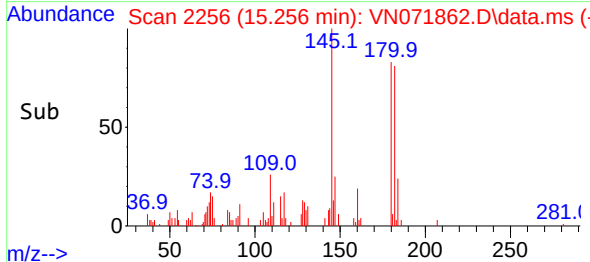
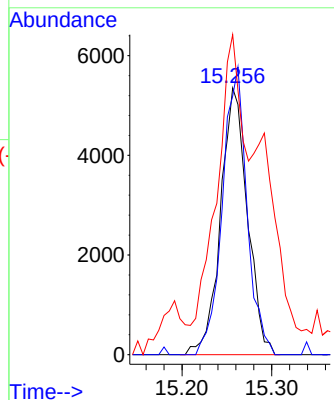
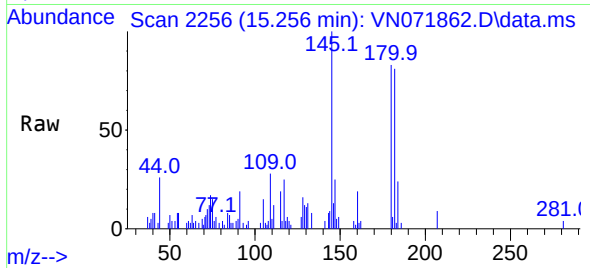




#93
1,2,4-Trichlorobenzene
Concen: 3.806 ug/l
RT: 15.256 min Scan# 21113
Delta R.T. -0.001 min
Lab File: VN071862.D
Acq: 05 Apr 2022 17:36

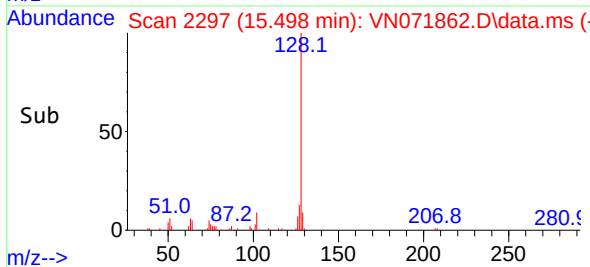
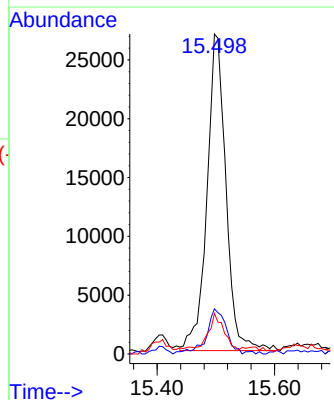
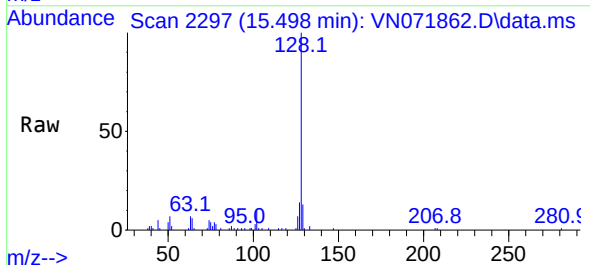
Instrument :
MSVOA_N
ClientSampleId :
WC-8-9-2-2(3.0-3.5)

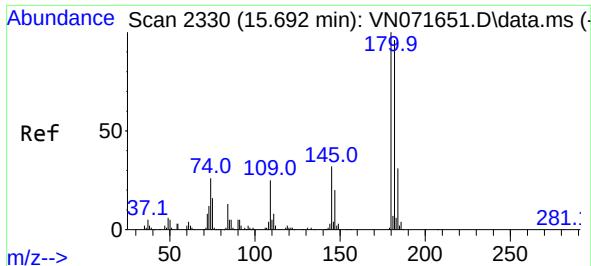
Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.6	47.5	142.5
145	105.9	14.5	43.5#



#95
Naphthalene
Concen: 6.969 ug/l
RT: 15.498 min Scan# 2297
Delta R.T. -0.000 min
Lab File: VN071862.D
Acq: 05 Apr 2022 17:36

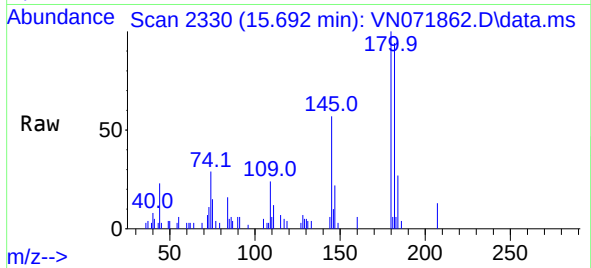
Tgt Ion	Ratio	Lower	Upper
128	100		
127	14.8	10.3	15.5
129	9.5	8.6	13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 4.709 ug/l
 RT: 15.692 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN071862.D
 Acq: 05 Apr 2022 17:36

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-8-9-2-2(3.0-3.5)



Tgt Ion:180 Resp: 14456
 Ion Ratio Lower Upper
 180 100
 182 93.0 47.8 143.3
 145 0.0 15.5 46.5#

