

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041222\
 Data File : VN071965.D
 Acq On : 12 Apr 2022 19:50
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Apr 13 04:48:08 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	616701	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.969	114	1039794	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1081249	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	408645	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	332179	47.182	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	94.360%
35) Dibromofluoromethane	8.016	113	294500	48.132	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	96.260%
50) Toluene-d8	10.439	98	1301998	52.018	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	104.040%
62) 4-Bromofluorobenzene	12.727	95	449273	55.500	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	111.000%

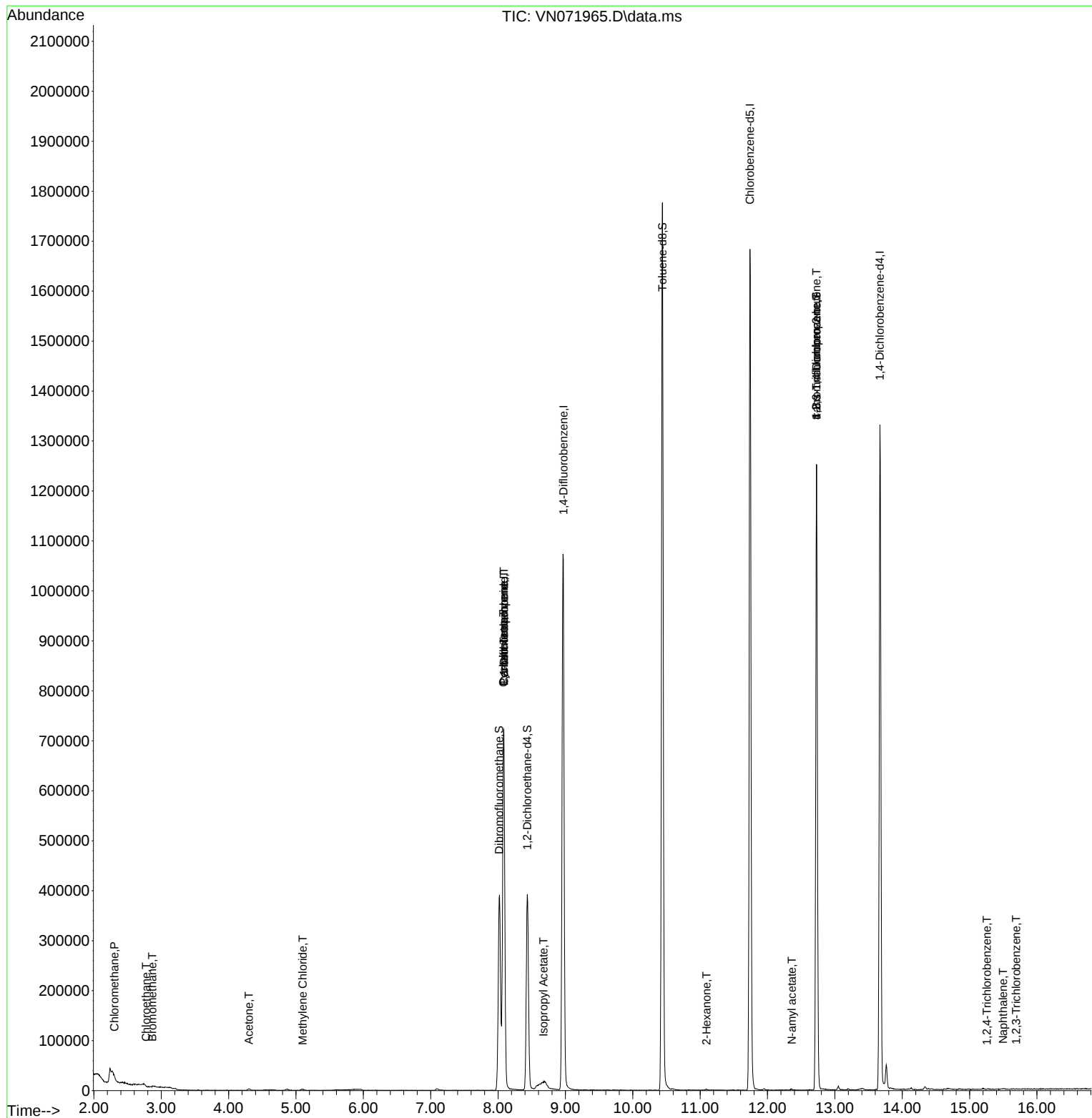
Target Compounds					Qvalue	
3) Chloromethane	2.304	50	1946	0.313	ug/l #	88
5) Bromomethane	2.869	94	1764	0.398	ug/l #	73
6) Chloroethane	2.775	64	1755	0.358	ug/l #	77
16) Acetone	4.298	43	2996	0.996	ug/l	90
18) Methyl Acetate	4.857	43	5037	Below Cal	#	90
20) Methylene Chloride	5.098	84	1898	0.299	ug/l #	82
31) Cyclohexane	8.080	56	9768	1.020	ug/l #	1
36) 1,1-Dichloropropene	8.086	75	40458	4.735	ug/l #	48
38) Carbon Tetrachloride	8.086	117	54948	6.562	ug/l #	16
43) Isopropyl Acetate	8.675	43	32058	2.061	ug/l #	54
59) 2-Hexanone	11.092	43	1339	0.213	ug/l	87
74) N-amyl acetate	12.363	43	2202	0.223	ug/l #	39
76) 1,2,3-Trichloropropane	12.727	75	211708	22.364	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	211708	69.304	ug/l #	10
93) 1,2,4-Trichlorobenzene	15.256	180	248	2.122	ug/l #	81
95) Naphthalene	15.498	128	2615	3.933	ug/l #	72
96) 1,2,3-Trichlorobenzene	15.692	180	254	2.453	ug/l #	32

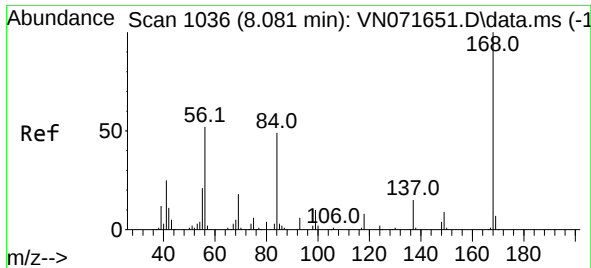
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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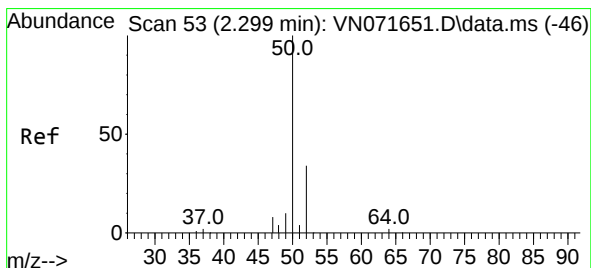
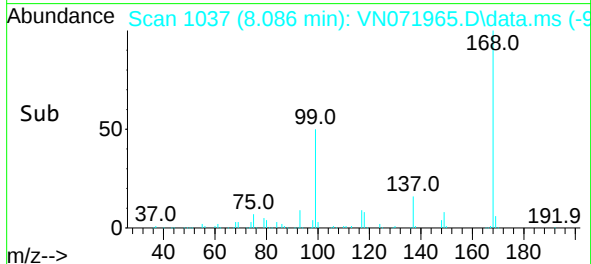
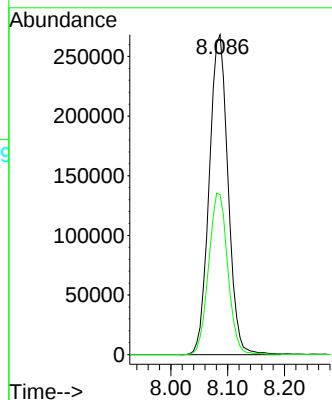
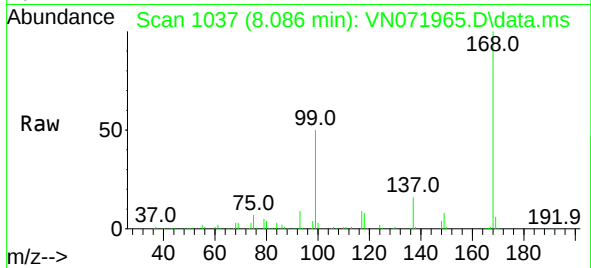




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 1
Delta R.T. 0.005 min
Lab File: VN071965.D
Acq: 12 Apr 2022 19:50

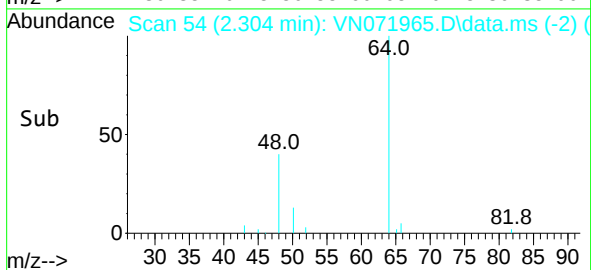
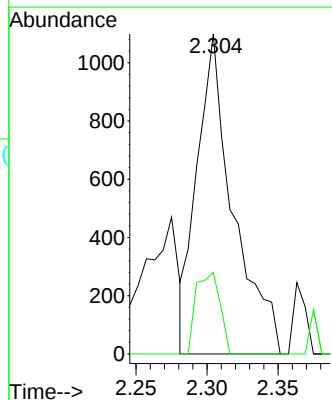
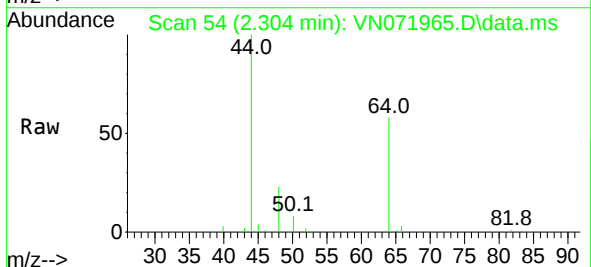
Instrument :
MSVOA_N
ClientSampleId :
IBLK

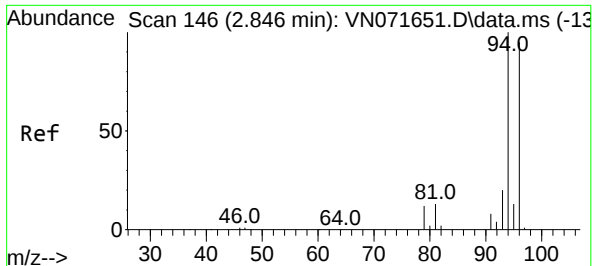
Tgt Ion:168 Resp: 616701
Ion Ratio Lower Upper
168 100
99 50.0 42.3 63.5



#3
Chloromethane
Concen: 0.313 ug/l
RT: 2.304 min Scan# 54
Delta R.T. 0.005 min
Lab File: VN071965.D
Acq: 12 Apr 2022 19:50

Tgt Ion: 50 Resp: 1946
Ion Ratio Lower Upper
50 100
52 25.6 25.7 38.5#





#5

Bromomethane

Concen: 0.398 ug/l

RT: 2.869 min Scan# 11

Delta R.T. 0.023 min

Lab File: VN071965.D

Acq: 12 Apr 2022 19:50

Instrument :

MSVOA_N

ClientSampleId :

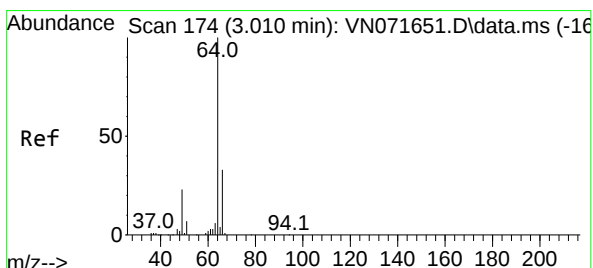
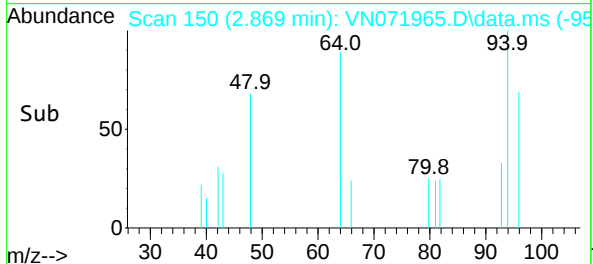
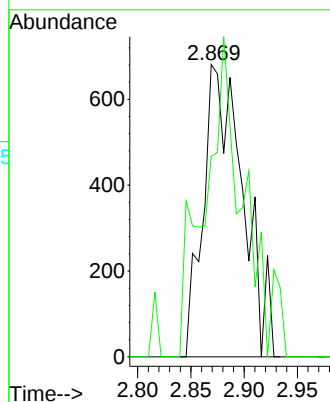
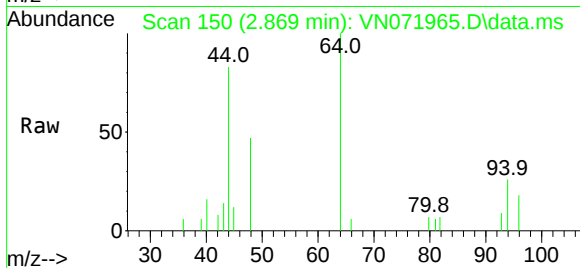
IBLK

Tgt Ion: 94 Resp: 1764

Ion Ratio Lower Upper

94 100

96 68.6 76.0 114.0#



#6

Chloroethane

Concen: 0.358 ug/l

RT: 2.775 min Scan# 134

Delta R.T. -0.235 min

Lab File: VN071965.D

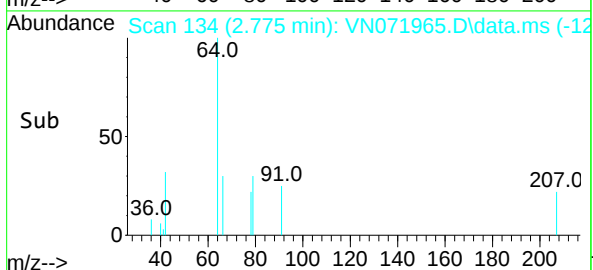
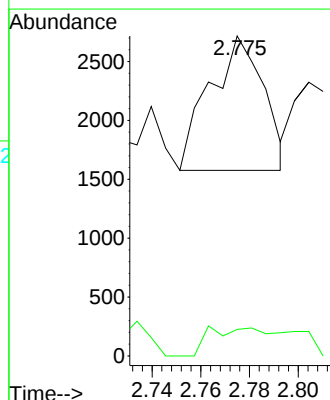
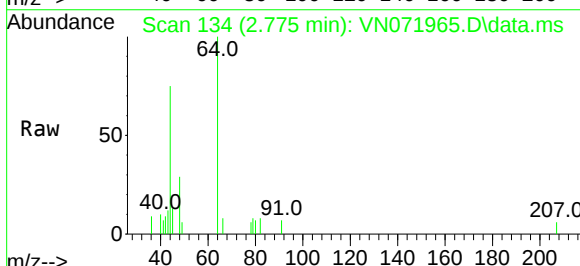
Acq: 12 Apr 2022 19:50

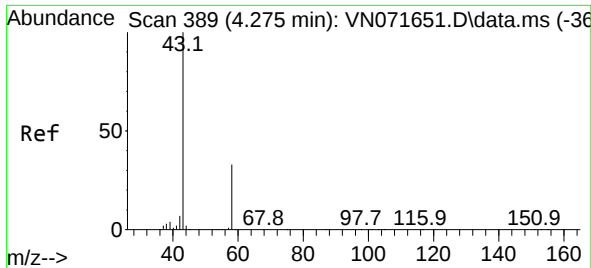
Tgt Ion: 64 Resp: 1755

Ion Ratio Lower Upper

64 100

66 19.7 26.2 39.4#

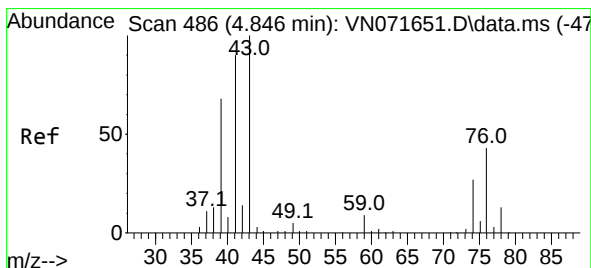
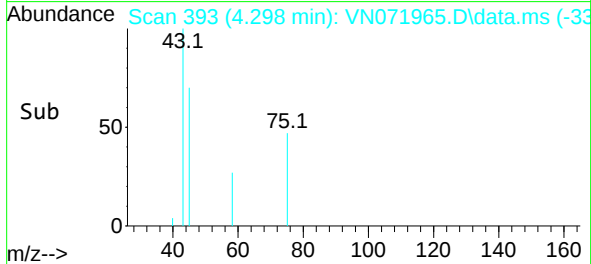
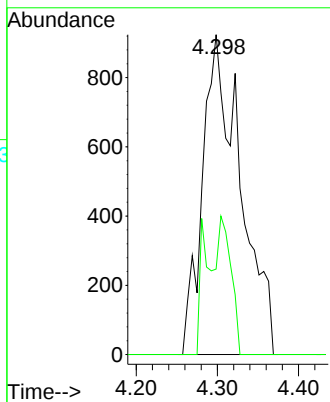
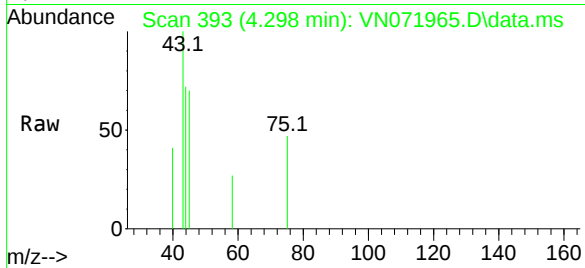




#16
Acetone
Concen: 0.996 ug/l
RT: 4.298 min Scan# 393
Delta R.T. 0.023 min
Lab File: VN071965.D
Acq: 12 Apr 2022 19:50

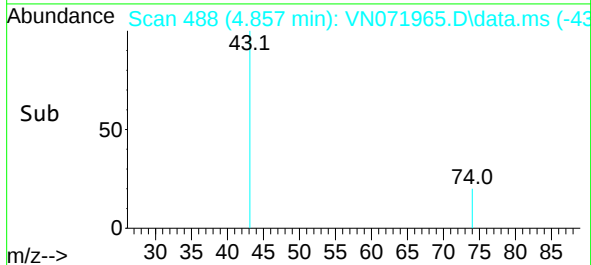
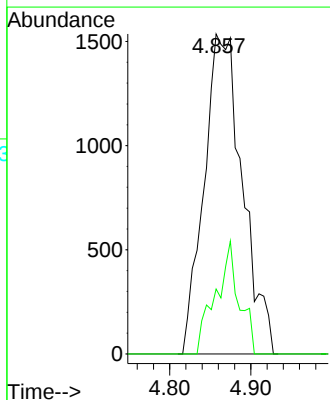
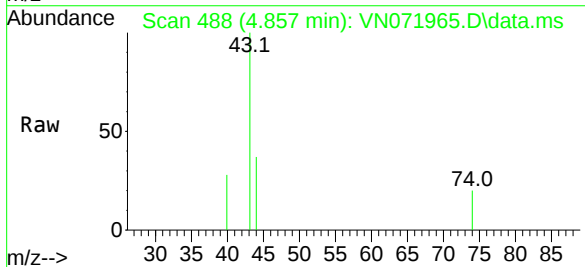
Instrument :
MSVOA_N
ClientSampleId :
IBLK

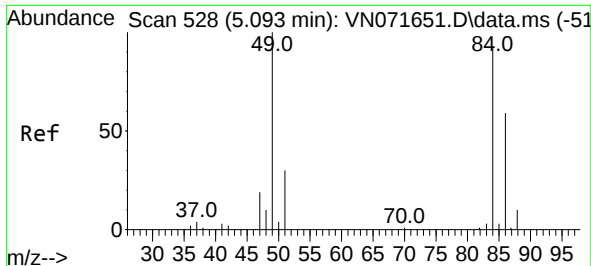
Tgt Ion: 43 Resp: 2996
Ion Ratio Lower Upper
43 100
58 26.7 26.0 39.0



#18
Methyl Acetate
Concen: Below Cal
RT: 4.857 min Scan# 488
Delta R.T. 0.011 min
Lab File: VN071965.D
Acq: 12 Apr 2022 19:50

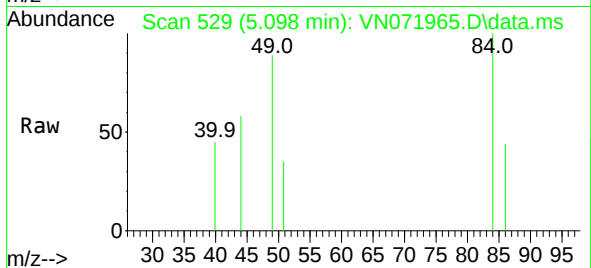
Tgt Ion: 43 Resp: 5037
Ion Ratio Lower Upper
43 100
74 21.6 21.6 32.4#





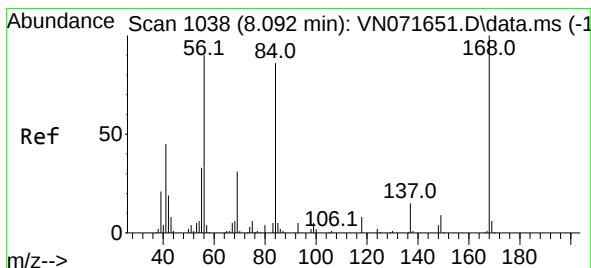
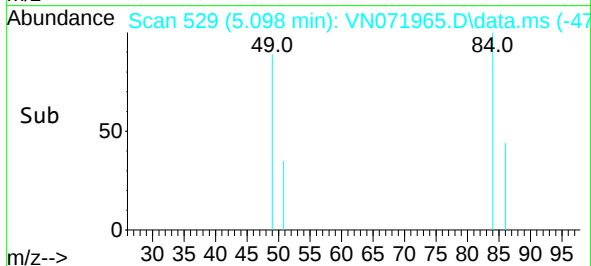
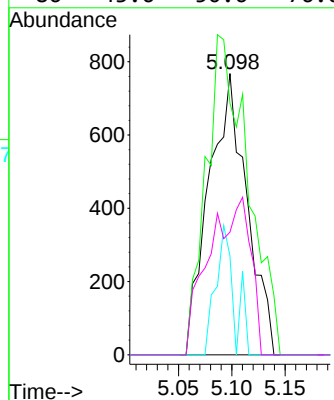
#20
Methylene Chloride
Concen: 0.299 ug/l
RT: 5.098 min Scan# 51
Delta R.T. 0.005 min
Lab File: VN071965.D
Acq: 12 Apr 2022 19:50

Instrument :
MSVOA_N
ClientSampleId :
IBLK



Tgt Ion: 84 Resp: 1898

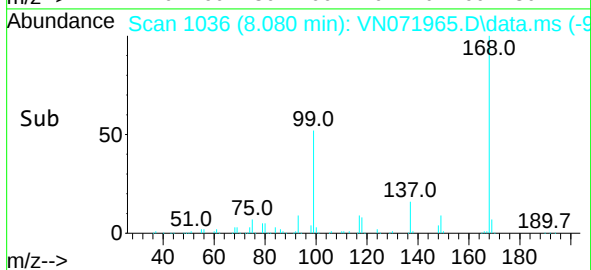
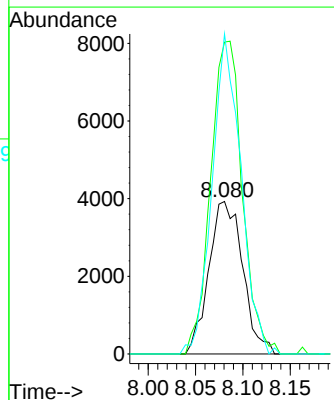
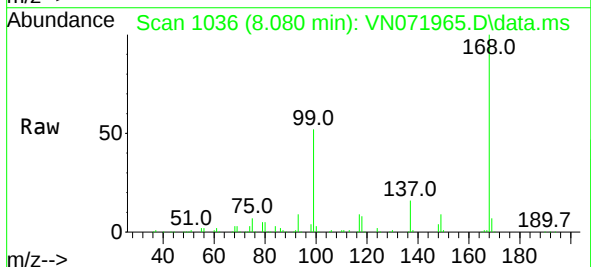
Ion	Ratio	Lower	Upper
84	100		
49	89.5	88.3	132.5
51	35.2	28.2	42.2
86	43.6	50.6	76.0

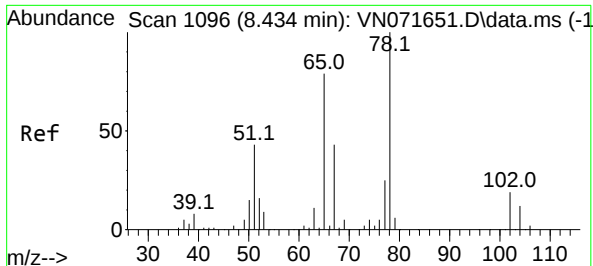


#31
Cyclohexane
Concen: 1.020 ug/l
RT: 8.080 min Scan# 1036
Delta R.T. -0.012 min
Lab File: VN071965.D
Acq: 12 Apr 2022 19:50

Tgt Ion: 56 Resp: 9768

Ion	Ratio	Lower	Upper
56	100		
69	204.5	27.8	41.8
84	209.8	76.9	115.3





#33

1,2-Dichloroethane-d4

Concen: 47.182 ug/l

RT: 8.433 min Scan# 110

Delta R.T. -0.001 min

Lab File: VN071965.D

Acq: 12 Apr 2022 19:50

Instrument :

MSVOA_N

ClientSampleId :

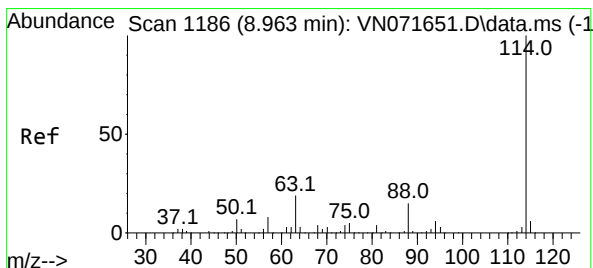
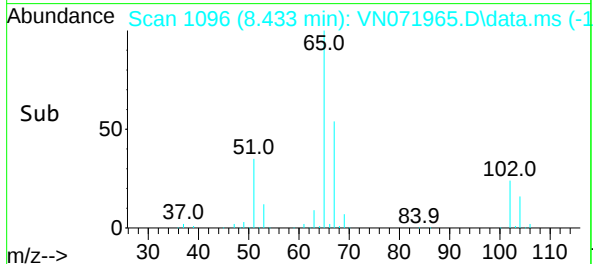
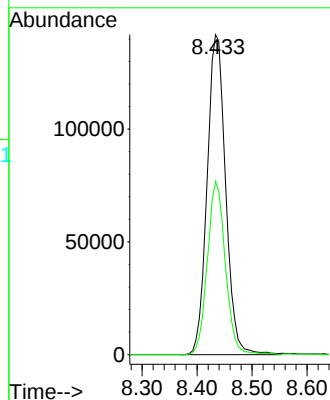
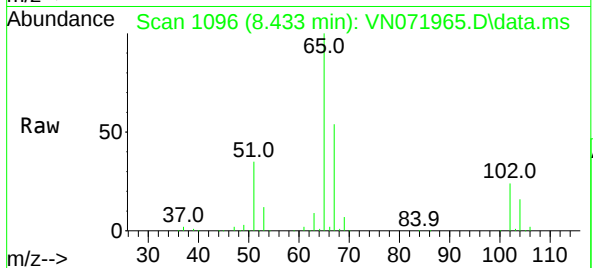
IBLK

Tgt Ion: 65 Resp: 332179

Ion Ratio Lower Upper

65 100

67 52.7 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.969 min Scan# 1187

Delta R.T. 0.006 min

Lab File: VN071965.D

Acq: 12 Apr 2022 19:50

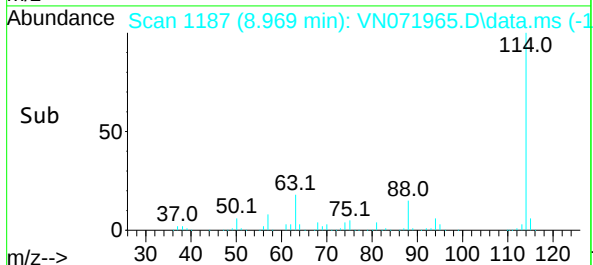
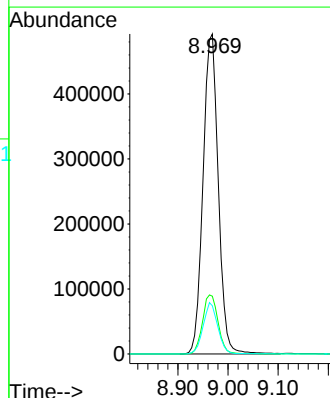
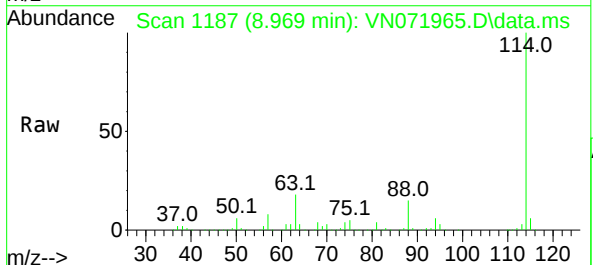
Tgt Ion: 114 Resp: 1039794

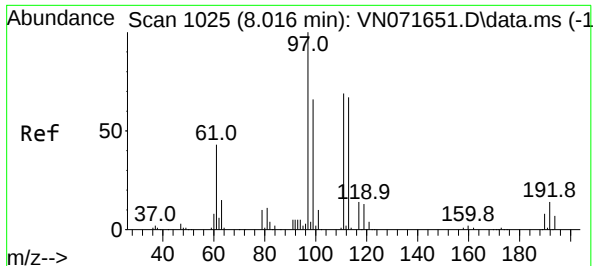
Ion Ratio Lower Upper

114 100

63 18.1 0.0 40.0

88 15.0 0.0 32.6





#35

Dibromofluoromethane

Concen: 48.132 ug/l

RT: 8.016 min Scan# 1025

Delta R.T. -0.000 min

Lab File: VN071965.D

Acq: 12 Apr 2022 19:50

Instrument :

MSVOA_N

ClientSampleId :

IBLK

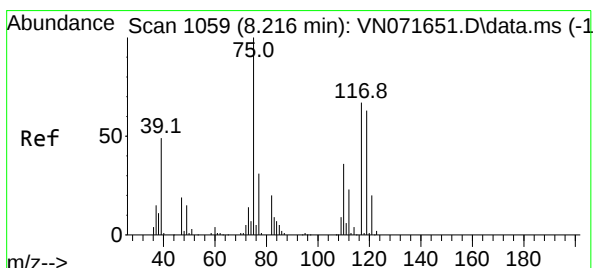
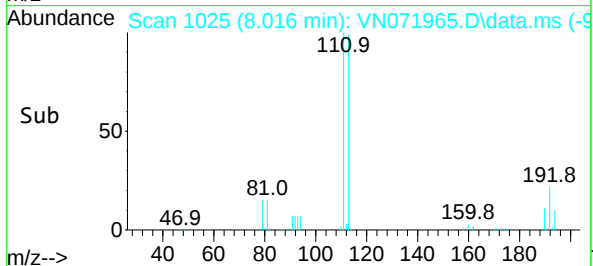
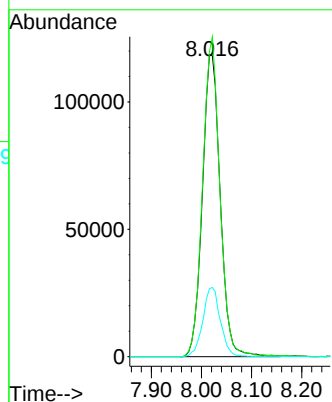
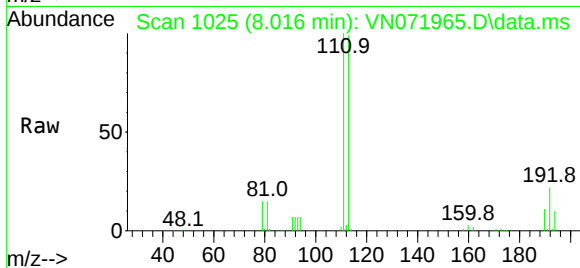
Tgt Ion:113 Resp: 294500

Ion Ratio Lower Upper

113 100

111 101.5 81.4 122.0

192 22.5 17.0 25.6



#36

1,1-Dichloropropene

Concen: 4.735 ug/l

RT: 8.086 min Scan# 1037

Delta R.T. -0.130 min

Lab File: VN071965.D

Acq: 12 Apr 2022 19:50

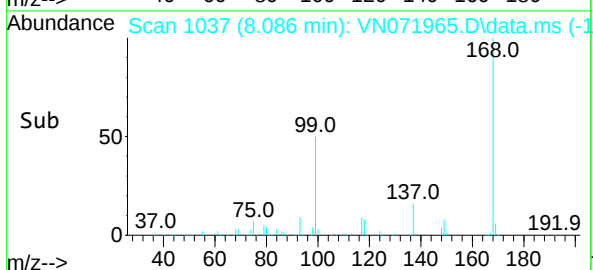
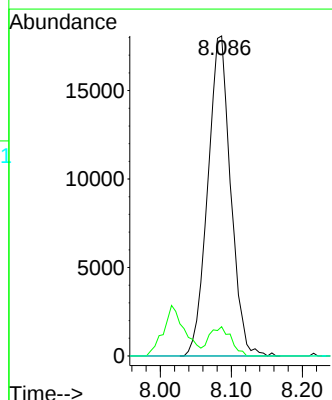
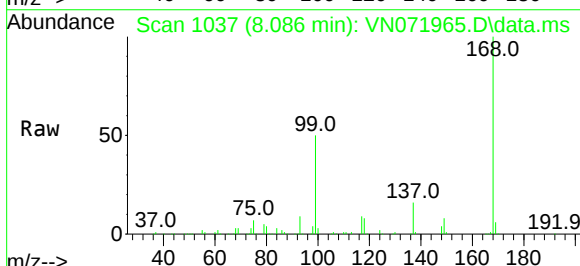
Tgt Ion: 75 Resp: 40458

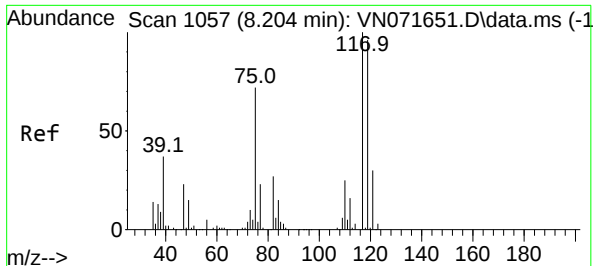
Ion Ratio Lower Upper

75 100

110 8.7 18.3 54.8#

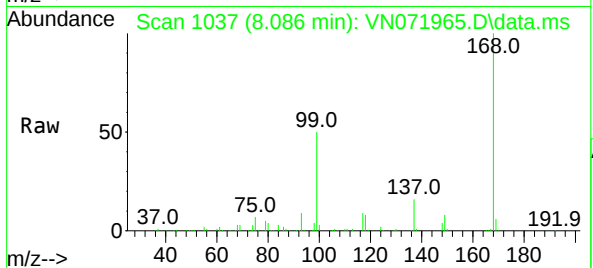
77 0.0 25.1 37.7#



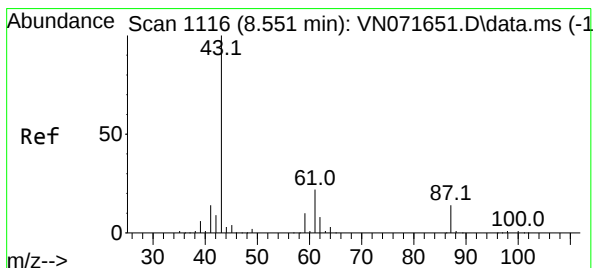
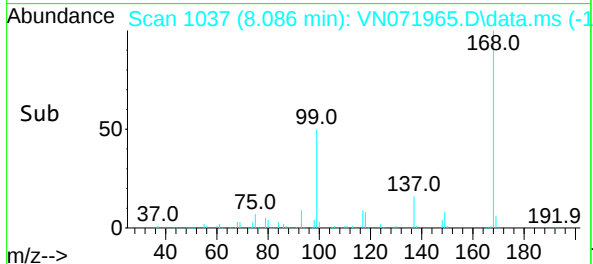
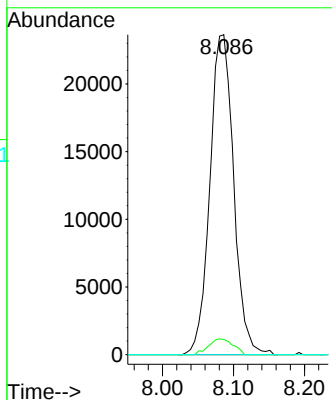


#38
Carbon Tetrachloride
Concen: 6.562 ug/l
RT: 8.086 min Scan# 1137
Delta R.T. -0.118 min
Lab File: VN071965.D
Acq: 12 Apr 2022 19:50

Instrument :
MSVOA_N
ClientSampleId :
IBLK

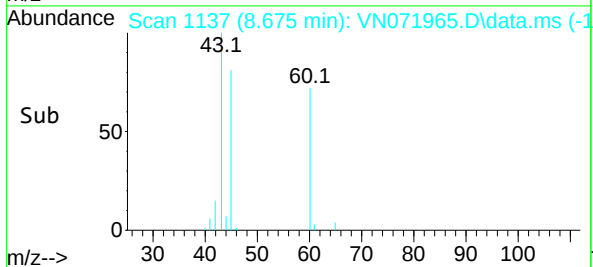
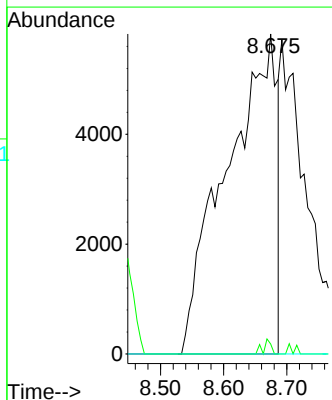
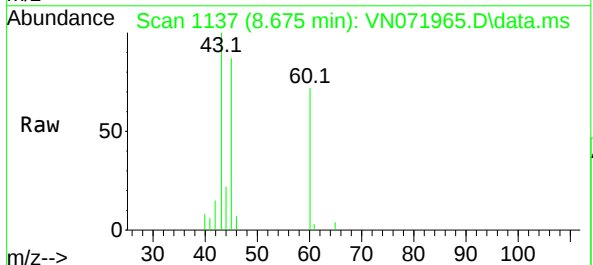


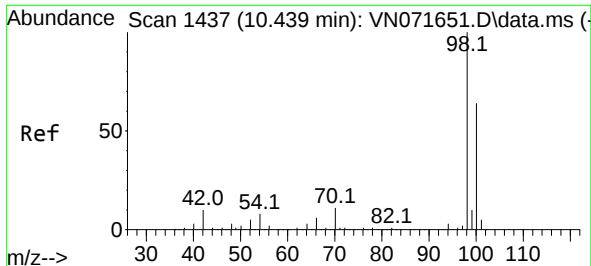
Tgt Ion: 117 Resp: 54948
Ion Ratio Lower Upper
117 100
119 4.8 75.8 113.8#
121 0.0 24.6 37.0#



#43
Isopropyl Acetate
Concen: 2.061 ug/l
RT: 8.675 min Scan# 1137
Delta R.T. 0.124 min
Lab File: VN071965.D
Acq: 12 Apr 2022 19:50

Tgt Ion: 43 Resp: 32058
Ion Ratio Lower Upper
43 100
61 0.7 21.9 32.9#
87 0.0 12.0 18.0#

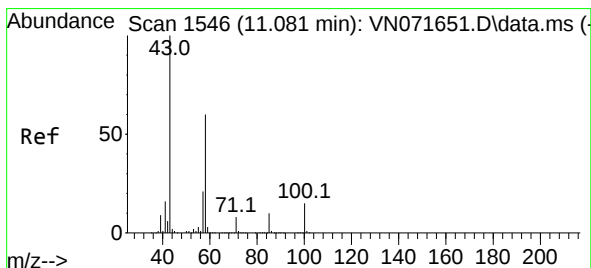
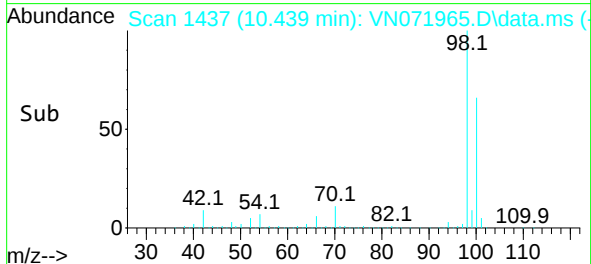
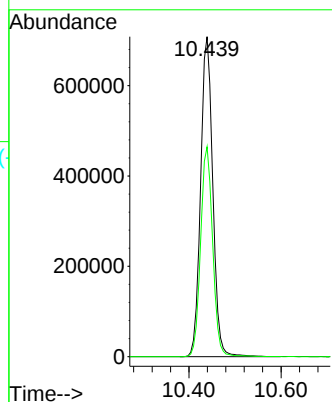
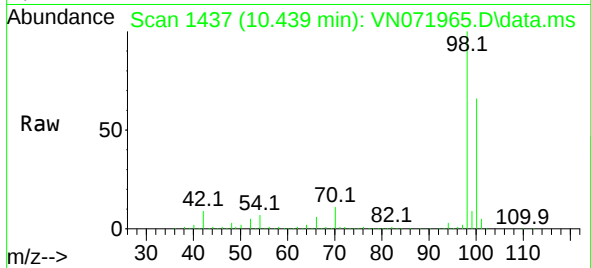




#50
Toluene-d8
Concen: 52.018 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071965.D
Acq: 12 Apr 2022 19:50

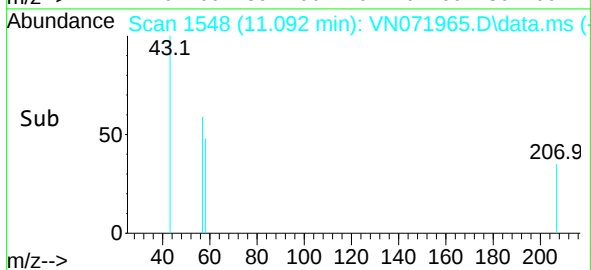
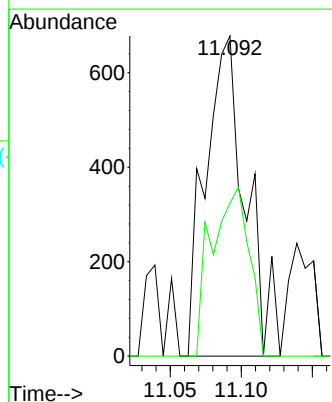
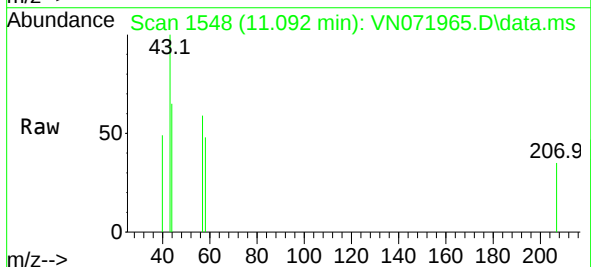
Instrument :
MSVOA_N
ClientSampleId :
IBLK

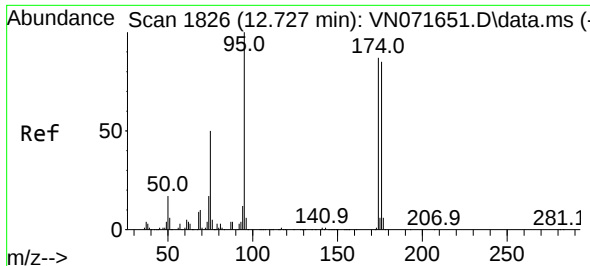
Tgt Ion: 98 Resp: 1301998
Ion Ratio Lower Upper
98 100
100 65.1 52.6 78.8



#59
2-Hexanone
Concen: 0.213 ug/l
RT: 11.092 min Scan# 1548
Delta R.T. 0.011 min
Lab File: VN071965.D
Acq: 12 Apr 2022 19:50

Tgt Ion: 43 Resp: 1339
Ion Ratio Lower Upper
43 100
58 49.4 29.7 89.1

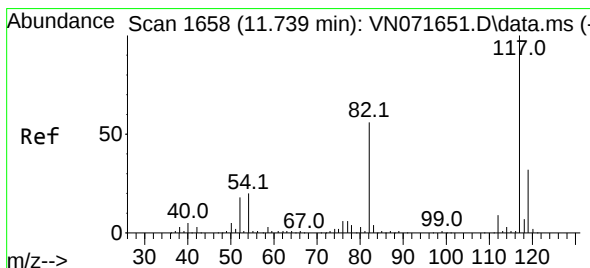
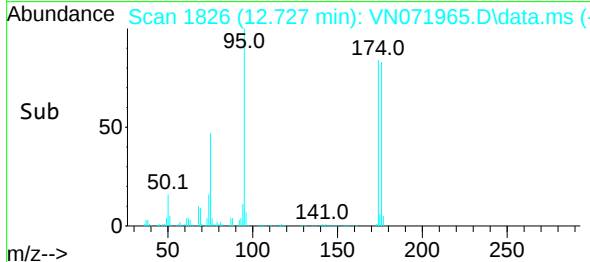
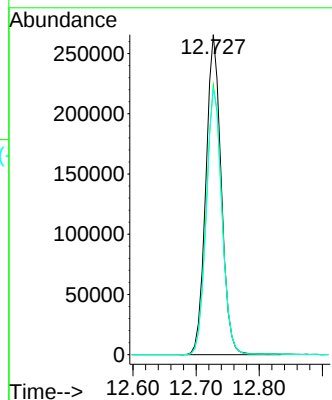
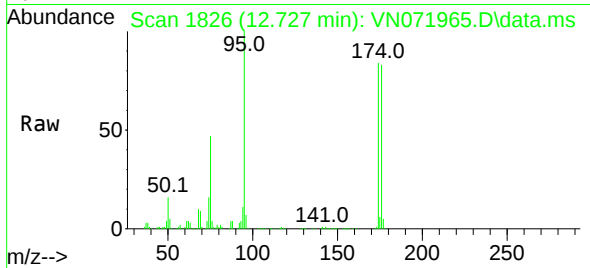




#62
4-Bromofluorobenzene
Concen: 55.500 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071965.D
Acq: 12 Apr 2022 19:50

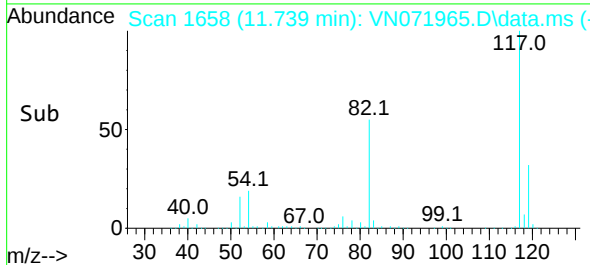
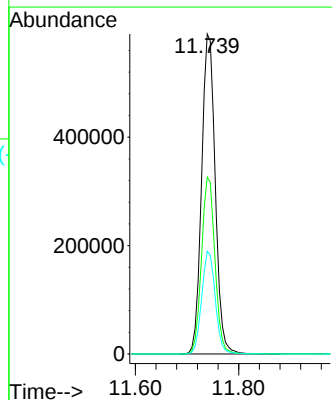
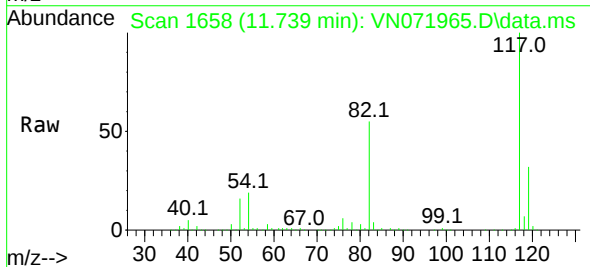
Instrument :
MSVOA_N
ClientSampleId :
IBLK

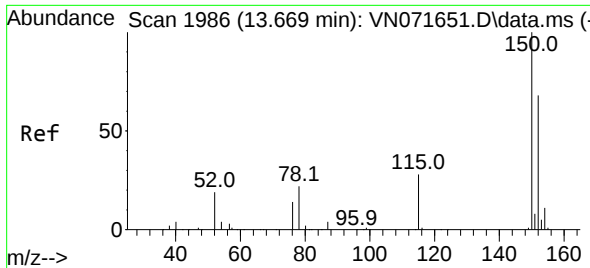
Tgt Ion: 95 Resp: 449273
Ion Ratio Lower Upper
95 100
174 85.7 0.0 167.6
176 84.6 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN071965.D
Acq: 12 Apr 2022 19:50

Tgt Ion: 117 Resp: 1081249
Ion Ratio Lower Upper
117 100
82 55.3 44.2 66.2
119 32.0 25.4 38.0

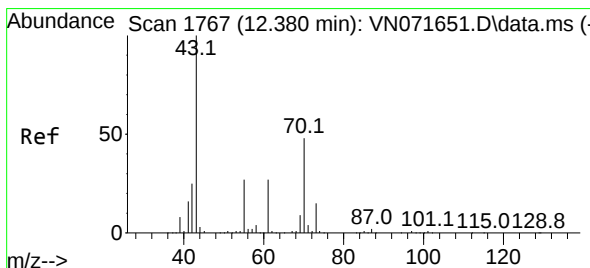
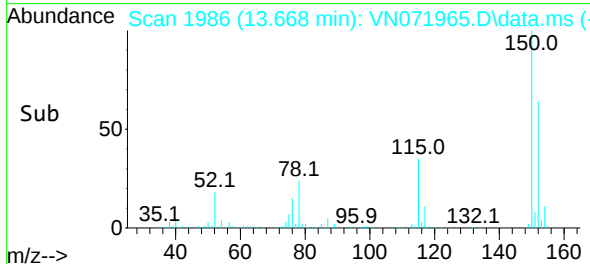
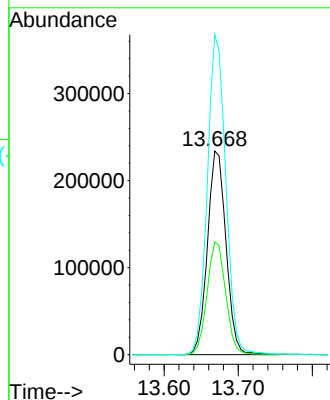
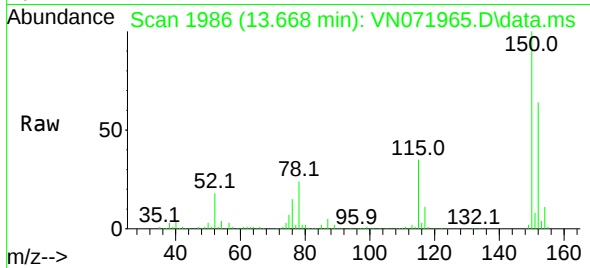




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN071965.D
Acq: 12 Apr 2022 19:50

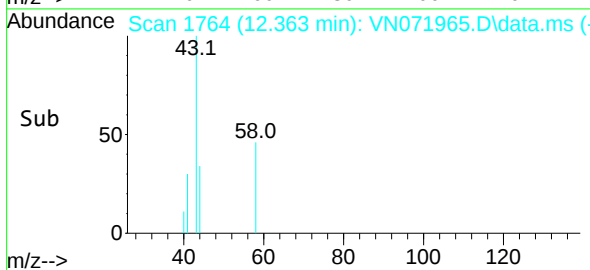
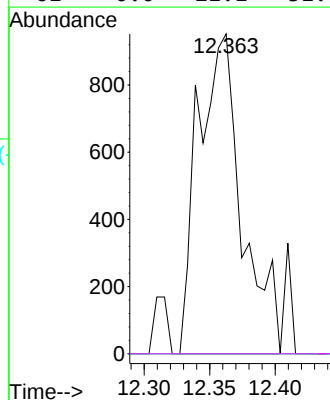
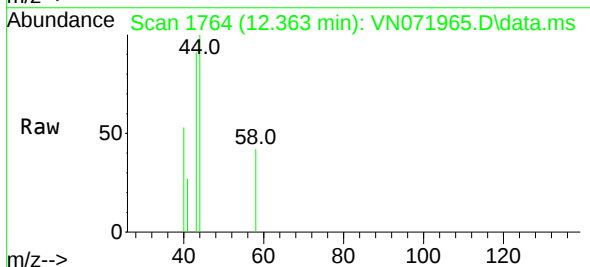
Instrument :
MSVOA_N
ClientSampleId :
IBLK

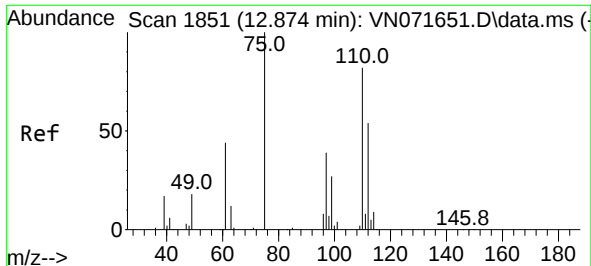
Tgt Ion:152 Resp: 408645
Ion Ratio Lower Upper
152 100
115 55.6 28.9 86.7
150 156.4 0.0 356.2



#74
N-ethyl acetate
Concen: 0.223 ug/l
RT: 12.363 min Scan# 1764
Delta R.T. -0.017 min
Lab File: VN071965.D
Acq: 12 Apr 2022 19:50

Tgt Ion: 43 Resp: 2202
Ion Ratio Lower Upper
43 100
70 0.0 39.0 58.4#
55 0.0 21.1 31.7#
61 0.0 21.1 31.7#

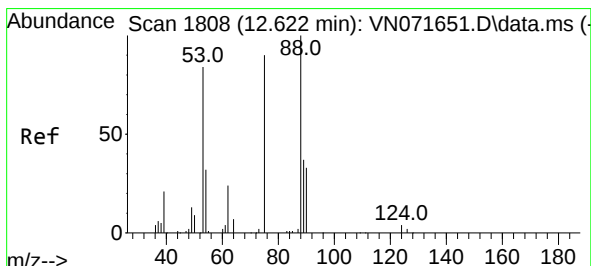
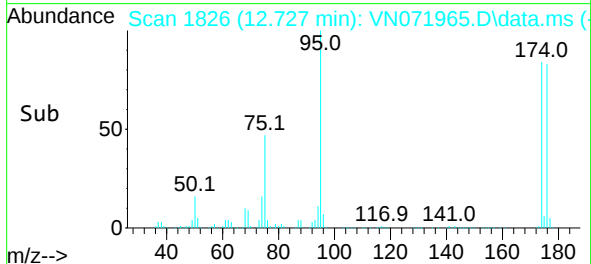
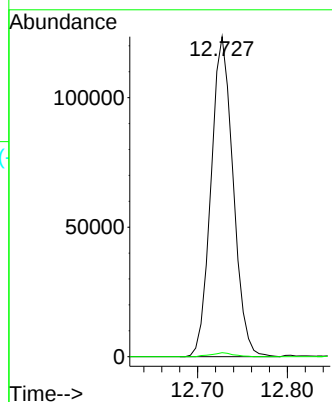
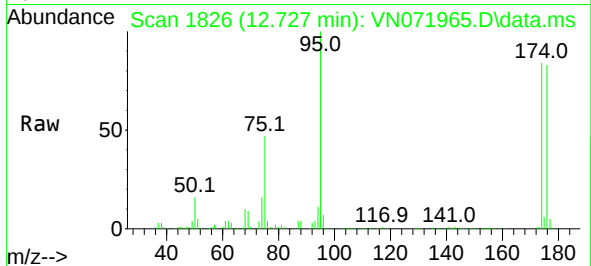




#76
1,2,3-Trichloropropane
Concen: 22.364 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.147 min
Lab File: VN071965.D
Acq: 12 Apr 2022 19:50

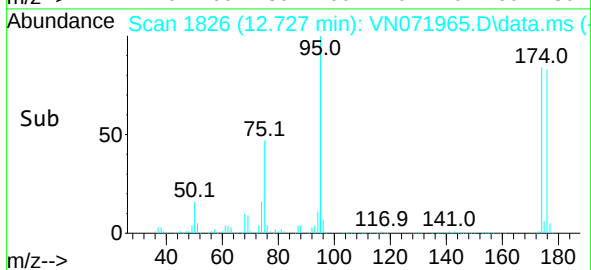
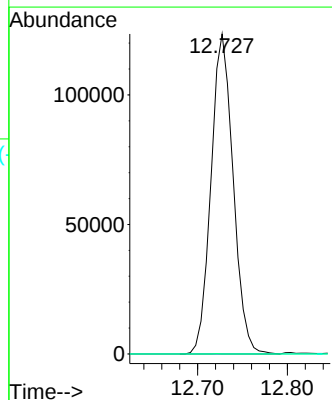
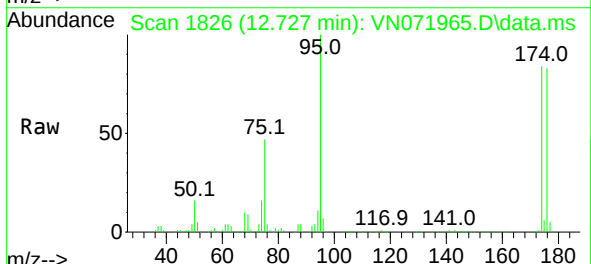
Instrument :
MSVOA_N
ClientSampleId :
IBLK

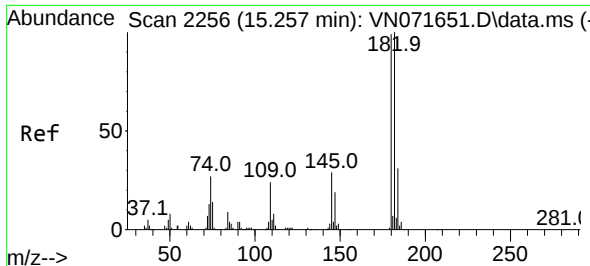
Tgt Ion: 75 Resp: 211708
Ion Ratio Lower Upper
75 100
77 1.3 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 69.304 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.105 min
Lab File: VN071965.D
Acq: 12 Apr 2022 19:50

Tgt Ion: 75 Resp: 211708
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#

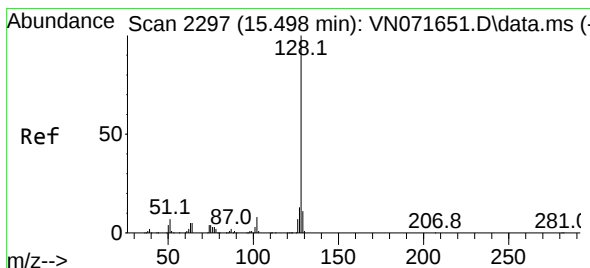
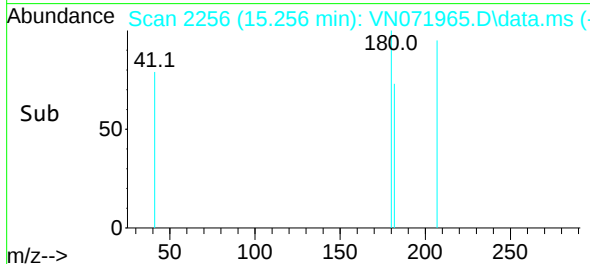
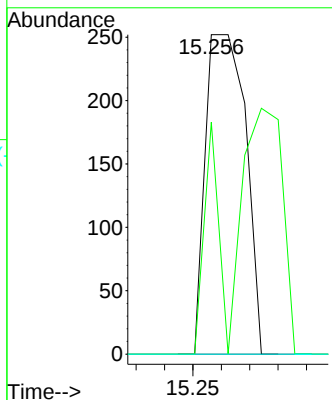
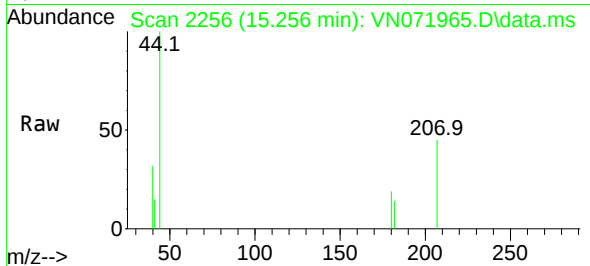




#93
1,2,4-Trichlorobenzene
Concen: 2.122 ug/l
RT: 15.256 min Scan# 21
Delta R.T. -0.001 min
Lab File: VN071965.D
Acq: 12 Apr 2022 19:50

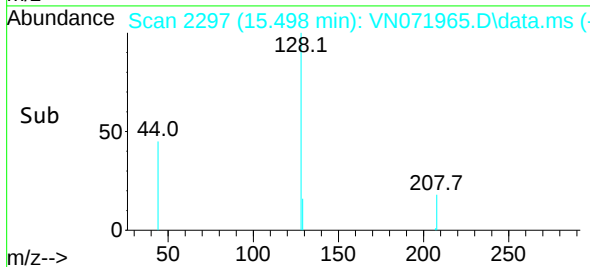
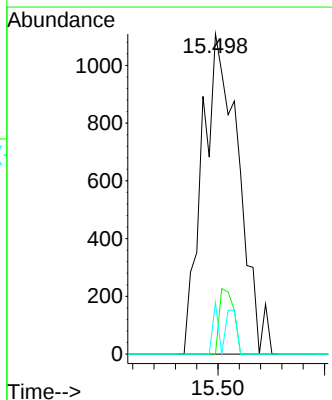
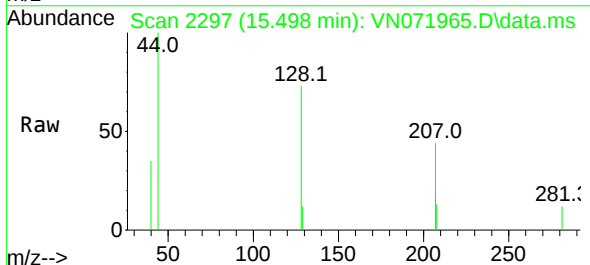
Instrument :
MSVOA_N
ClientSampleId :
IBLK

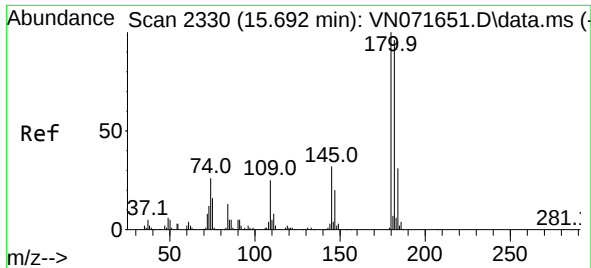
Tgt Ion:180 Resp: 248
Ion Ratio Lower Upper
180 100
182 102.4 47.5 142.5
145 0.0 14.5 43.5#



#95
Naphthalene
Concen: 3.933 ug/l
RT: 15.498 min Scan# 2297
Delta R.T. -0.000 min
Lab File: VN071965.D
Acq: 12 Apr 2022 19:50

Tgt Ion:128 Resp: 2615
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 2.4 8.6 13.0#





#96
 1,2,3-Trichlorobenzene
 Concen: 2.453 ug/l
 RT: 15.692 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN071965.D
 Acq: 12 Apr 2022 19:50

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Tgt Ion	Ratio	Lower	Upper
180	100		
182	25.6	47.8	143.3#
145	0.0	15.5	46.5#

