

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020322\
 Data File : VN070923.D
 Acq On : 3 Feb 2022 12:03
 Operator : JC/MD
 Sample : VN0203WBL01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Feb 04 04:41:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N020222W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 02 15:30:39 2022
 Response via : Initial Calibration

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

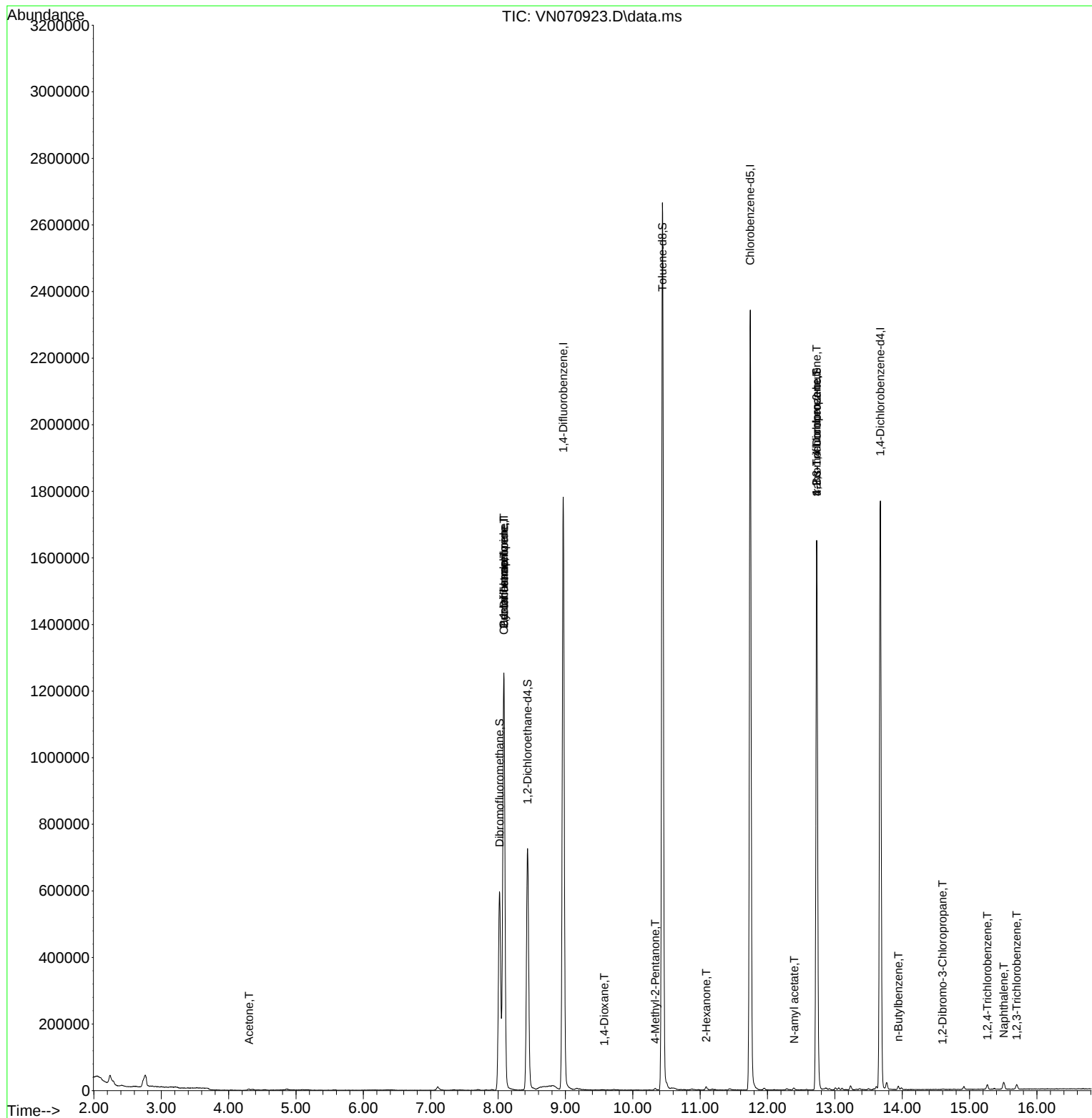
Internal Standards						
1) Pentafluorobenzene	8.086	168	972977	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1548740	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1347186	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	496299	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	609979	46.315	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	92.620%
35) Dibromofluoromethane	8.021	113	450053	48.508	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	97.020%
50) Toluene-d8	10.440	98	1864300	48.940	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.880%
62) 4-Bromofluorobenzene	12.731	95	600402	43.742	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	87.480%
Target Compounds						
					Qvalue	
16) Acetone	4.301	43	4672	0.593	ug/l	92
18) Methyl Acetate	4.875	43	5609	Below Cal	#	79
31) Cyclohexane	8.086	56	21126	0.944	ug/l #	1
36) 1,1-Dichloropropene	8.086	75	77447	5.138	ug/l #	48
38) Carbon Tetrachloride	8.088	117	95166	6.914	ug/l #	16
49) 1,4-Dioxane	9.577	88	213	0.844	ug/l #	52
51) 4-Methyl-2-Pentanone	10.333	43	4817	0.234	ug/l #	86
59) 2-Hexanone	11.089	43	9028	0.602	ug/l	78
74) N-amyl acetate	12.396	43	4589	0.237	ug/l #	63
76) 1,2,3-Trichloropropane	12.731	75	313784	26.267	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.731	75	313784	71.201	ug/l #	5
89) n-Butylbenzene	13.943	91	6732	0.226	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.598	75	562	0.207	ug/l	55
93) 1,2,4-Trichlorobenzene	15.265	180	4912	0.536	ug/l	97
95) Naphthalene	15.507	128	21213	4.302	ug/l	98
96) 1,2,3-Trichlorobenzene	15.700	180	5578	2.317	ug/l	98

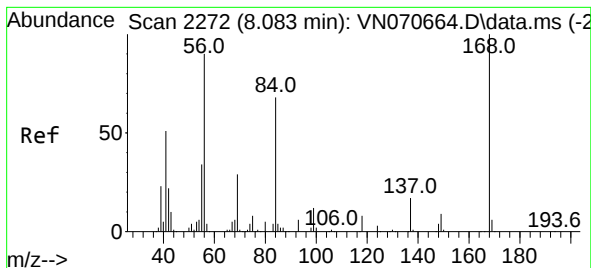
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Feb 02 15:30:39 2022
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.086 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN070923.D

Acq: 3 Feb 2022 12:03

Instrument :

MSVOA_N

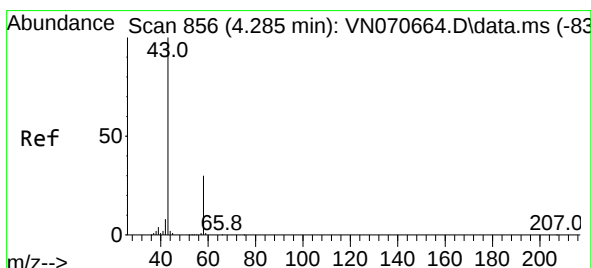
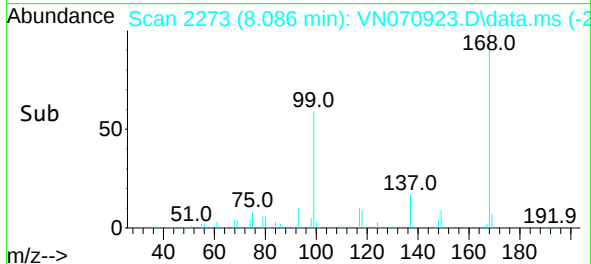
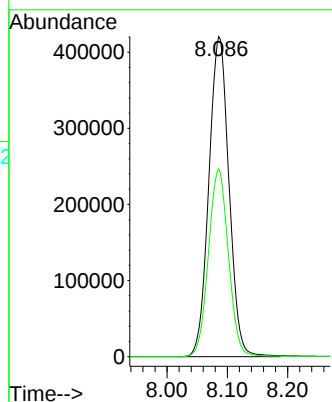
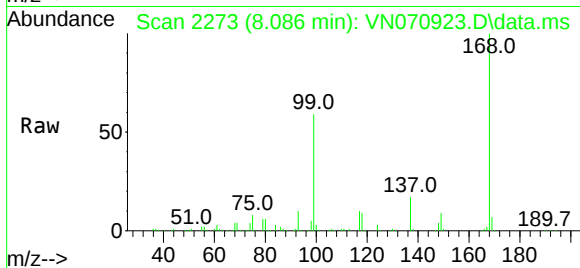
ClientSampleId :

Tgt Ion:168 Resp: 972977

Ion Ratio Lower Upper

168 100

99 58.8 41.3 61.9



#16

Acetone

Concen: 0.593 ug/l

RT: 4.301 min Scan# 862

Delta R.T. 0.016 min

Lab File: VN070923.D

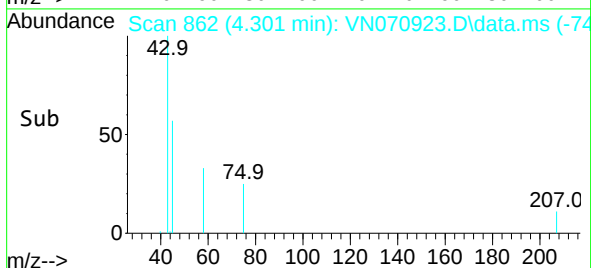
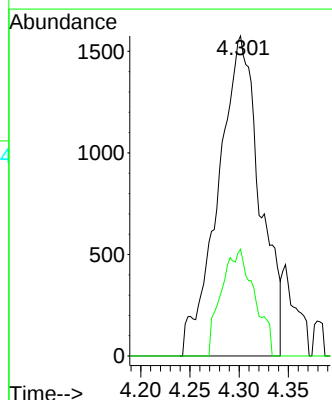
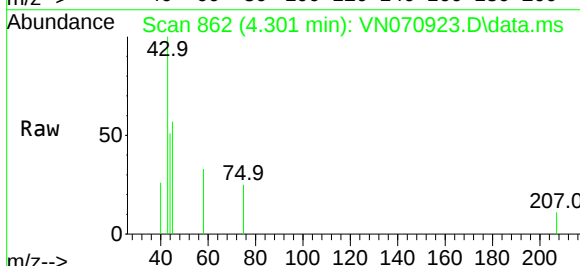
Acq: 3 Feb 2022 12:03

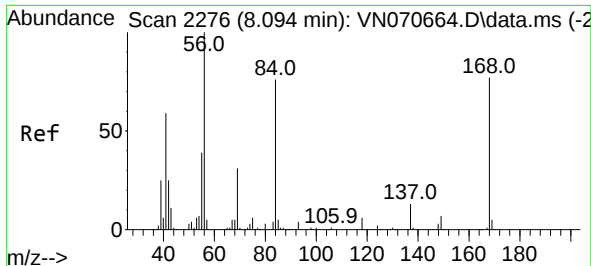
Tgt Ion: 43 Resp: 4672

Ion Ratio Lower Upper

43 100

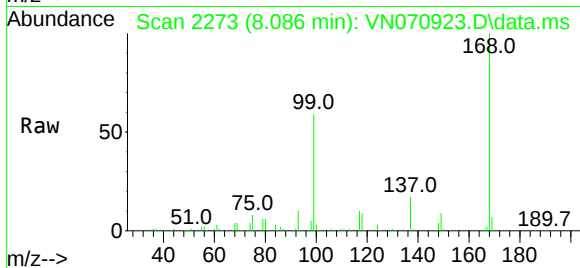
58 33.4 23.1 34.7



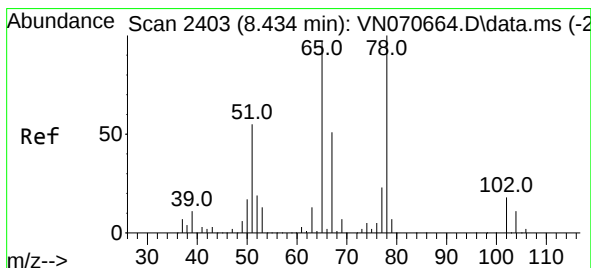
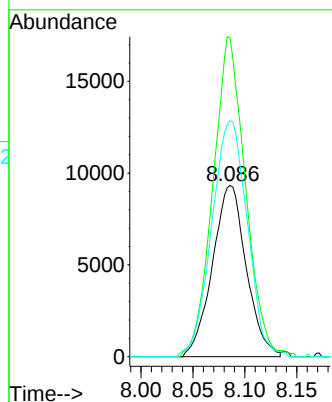
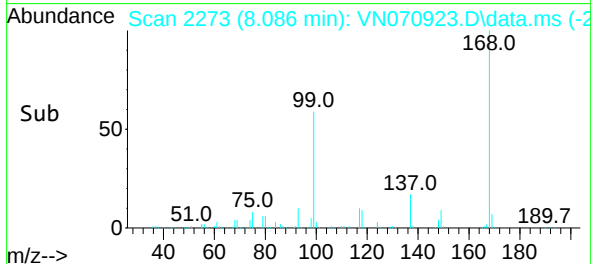


#31
Cyclohexane
Concen: 0.944 ug/l
RT: 8.086 min Scan# 21126
Delta R.T. -0.008 min
Lab File: VN070923.D
Acq: 3 Feb 2022 12:03

Instrument :
MSVOA_N
ClientSampleId :

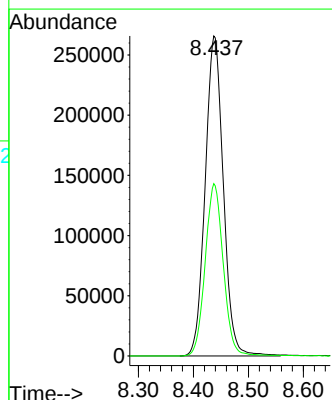
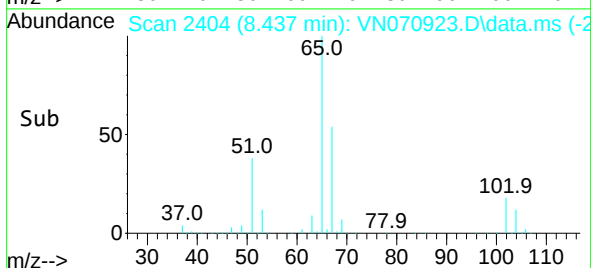
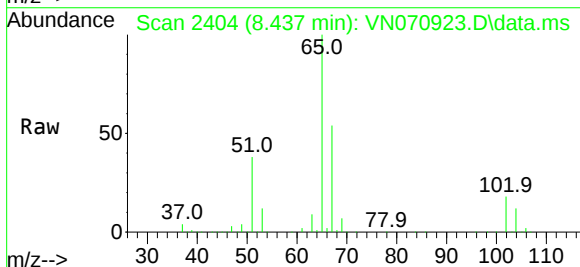


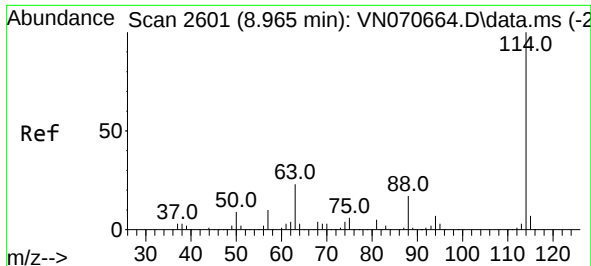
Tgt Ion: 56 Resp: 21126
Ion Ratio Lower Upper
56 100
69 186.5 27.1 40.7#
84 135.8 73.4 110.0#



#33
1,2-Dichloroethane-d4
Concen: 46.315 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. 0.000 min
Lab File: VN070923.D
Acq: 3 Feb 2022 12:03

Tgt Ion: 65 Resp: 609979
Ion Ratio Lower Upper
65 100
67 53.6 0.0 103.0

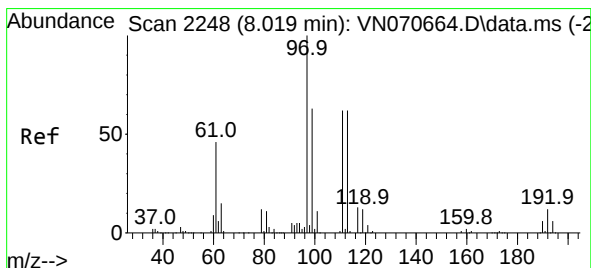
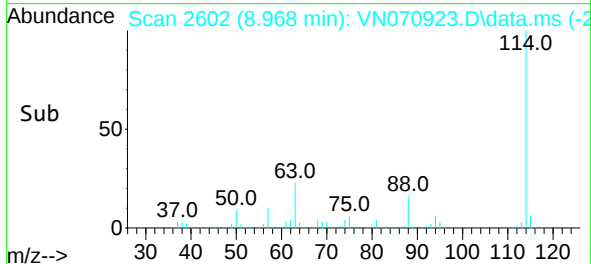
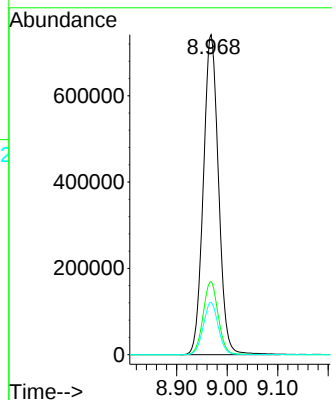
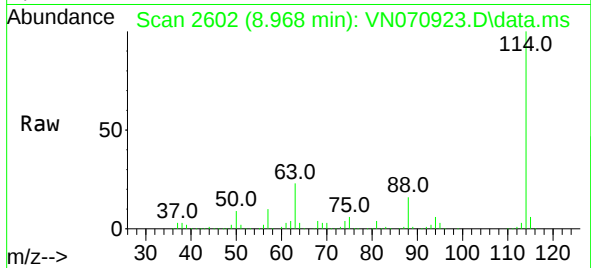




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2601
Delta R.T. 0.003 min
Lab File: VN070923.D
Acq: 3 Feb 2022 12:03

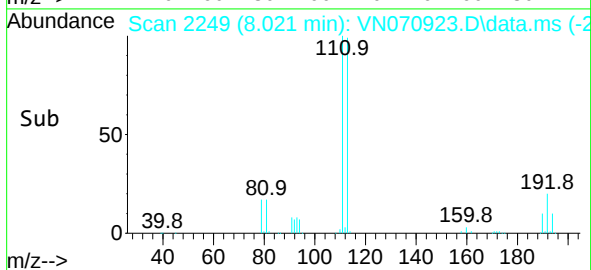
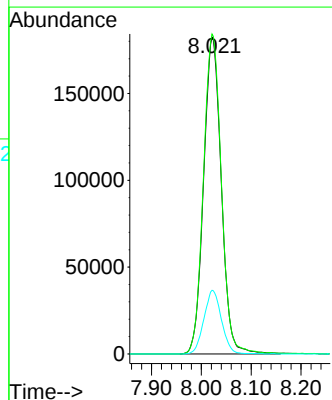
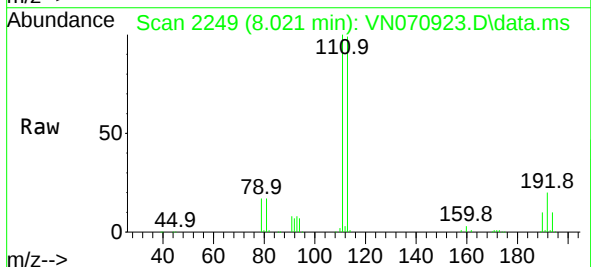
Instrument :
MSVOA_N
ClientSampleId :

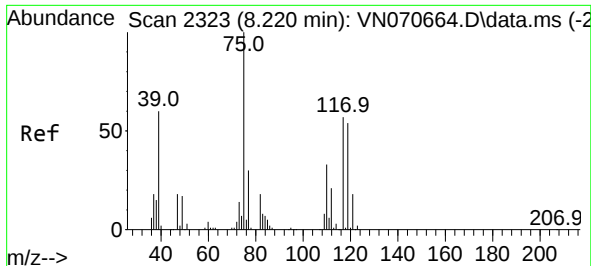
Tgt Ion:114 Resp: 1548740
Ion Ratio Lower Upper
114 100
63 22.9 0.0 37.8
88 16.4 0.0 27.4



#35
Dibromofluoromethane
Concen: 48.508 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. 0.000 min
Lab File: VN070923.D
Acq: 3 Feb 2022 12:03

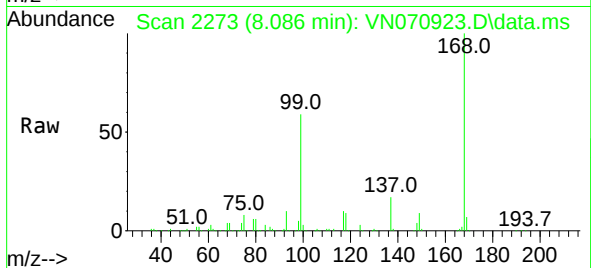
Tgt Ion:113 Resp: 450053
Ion Ratio Lower Upper
113 100
111 102.0 82.2 123.2
192 19.9 16.9 25.3



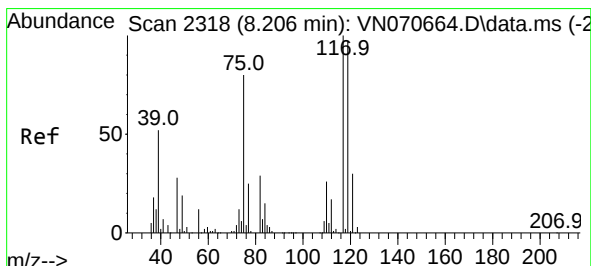
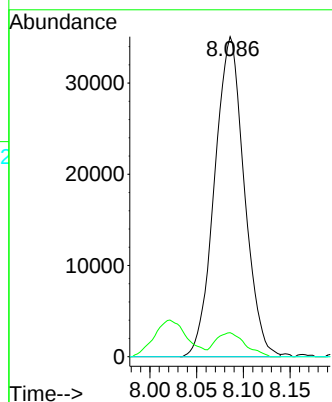
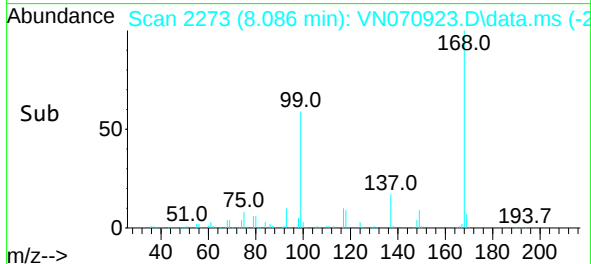


#36
1,1-Dichloropropene
Concen: 5.138 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.134 min
Lab File: VN070923.D
Acq: 3 Feb 2022 12:03

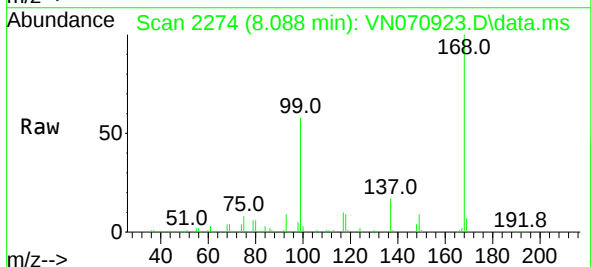
Instrument :
MSVOA_N
ClientSampleId :



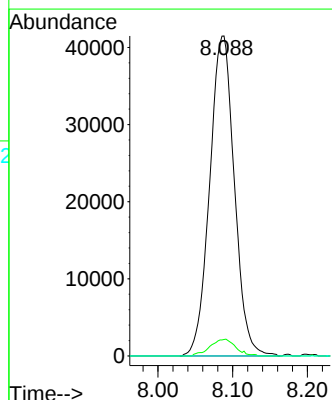
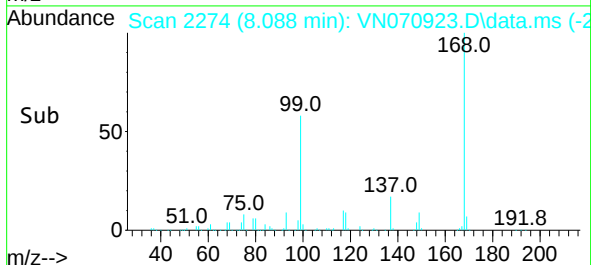
Tgt Ion: 75 Resp: 77447
Ion Ratio Lower Upper
75 100
110 7.5 18.4 55.2#
77 0.0 24.4 36.6#

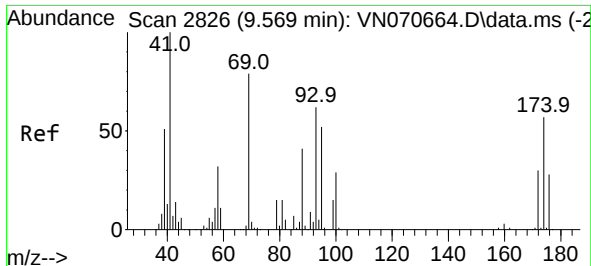


#38
Carbon Tetrachloride
Concen: 6.914 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.118 min
Lab File: VN070923.D
Acq: 3 Feb 2022 12:03



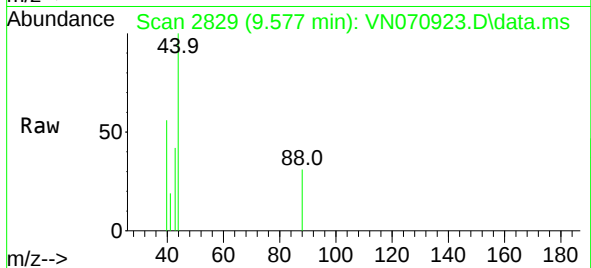
Tgt Ion: 117 Resp: 95166
Ion Ratio Lower Upper
117 100
119 5.2 76.1 114.1#
121 0.0 24.2 36.2#



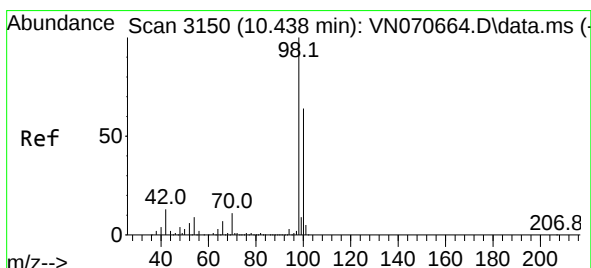
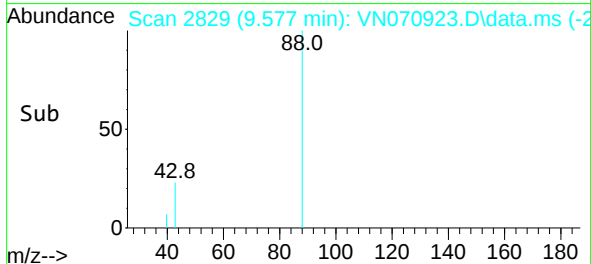
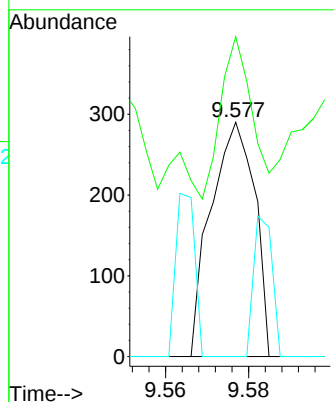


#49
1,4-Dioxane
Concen: 0.844 ug/l
RT: 9.577 min Scan# 213
Delta R.T. 0.008 min
Lab File: VN070923.D
Acq: 3 Feb 2022 12:03

Instrument :
MSVOA_N
ClientSampleId :

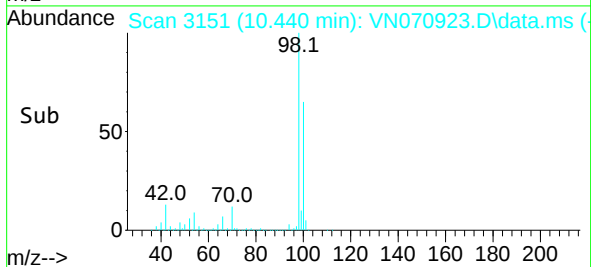
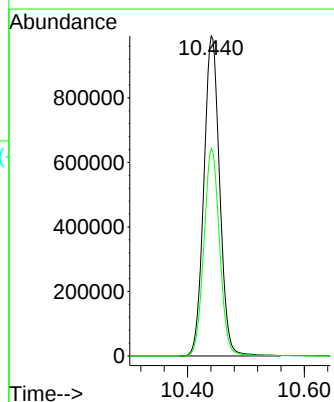
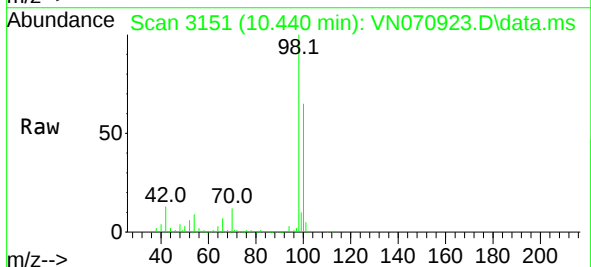


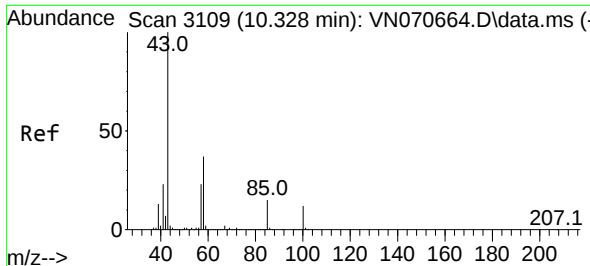
Tgt Ion: 88 Resp: 213
Ion Ratio Lower Upper
88 100
43 54.0 23.4 35.2#
58 25.4 50.6 75.8#



#50
Toluene-d8
Concen: 48.940 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. -0.001 min
Lab File: VN070923.D
Acq: 3 Feb 2022 12:03

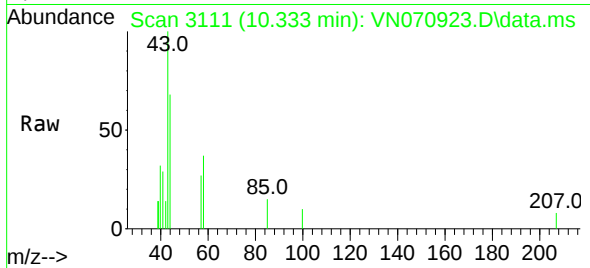
Tgt Ion: 98 Resp: 1864300
Ion Ratio Lower Upper
98 100
100 64.4 50.4 75.6



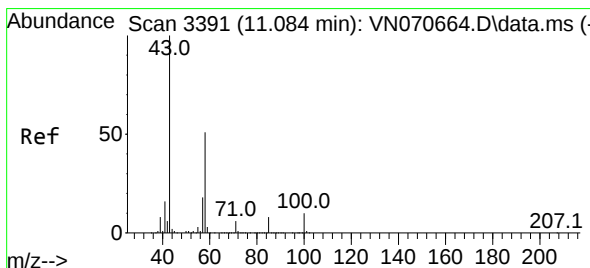
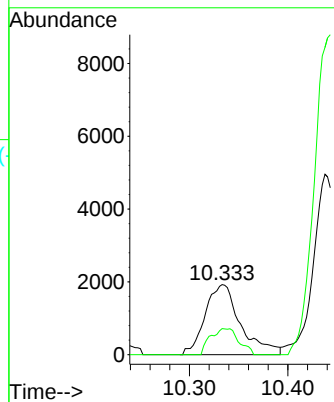
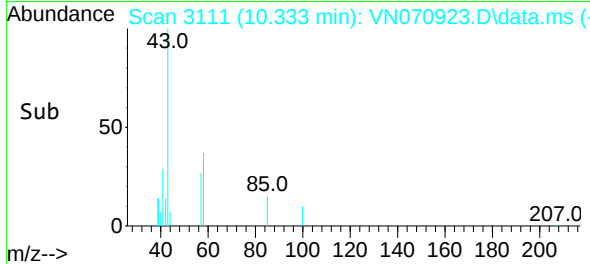


#51
4-Methyl-2-Pentanone
Concen: 0.234 ug/l
RT: 10.333 min Scan# 3111
Delta R.T. 0.002 min
Lab File: VN070923.D
Acq: 3 Feb 2022 12:03

Instrument :
MSVOA_N
ClientSampleId :

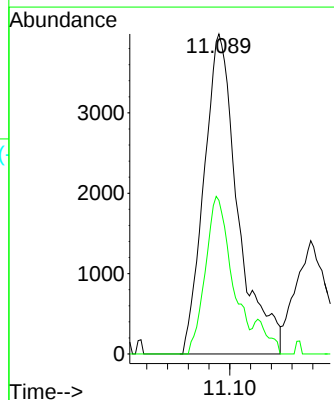
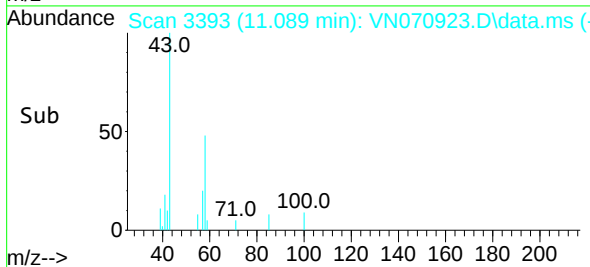
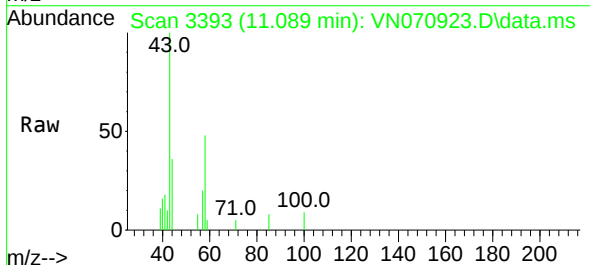


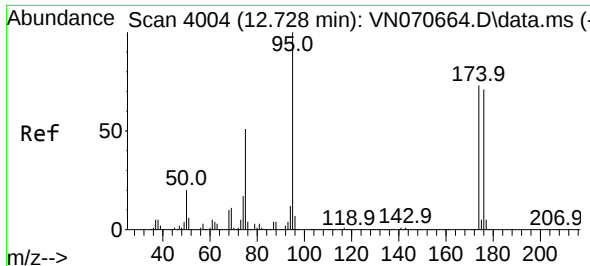
Tgt Ion: 43 Resp: 4817
Ion Ratio Lower Upper
43 100
58 29.8 30.4 45.6#



#59
2-Hexanone
Concen: 0.602 ug/l
RT: 11.089 min Scan# 3393
Delta R.T. 0.005 min
Lab File: VN070923.D
Acq: 3 Feb 2022 12:03

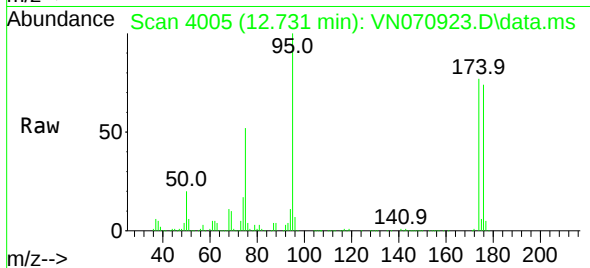
Tgt Ion: 43 Resp: 9028
Ion Ratio Lower Upper
43 100
58 38.2 26.9 80.7



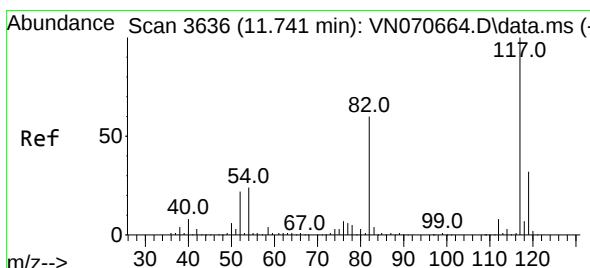
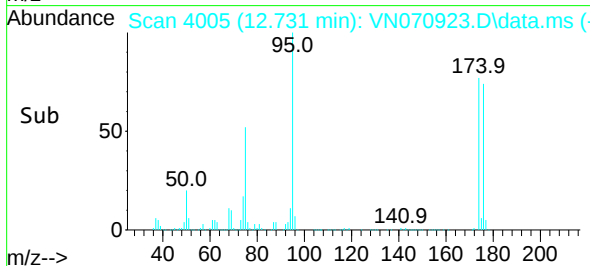
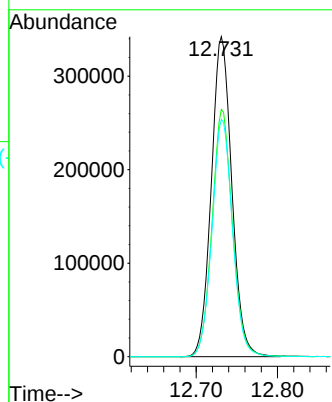


#62
4-Bromofluorobenzene
Concen: 43.742 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070923.D
Acq: 3 Feb 2022 12:03

Instrument :
MSVOA_N
ClientSampleId :

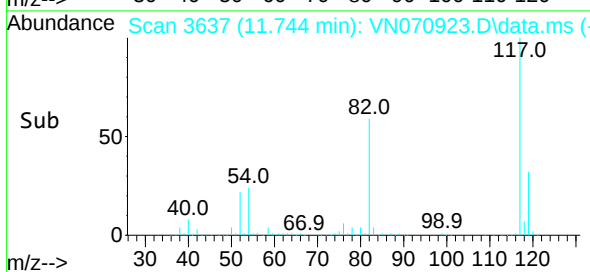
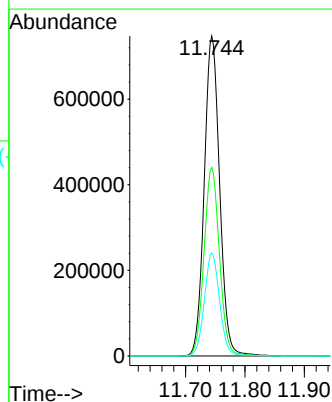
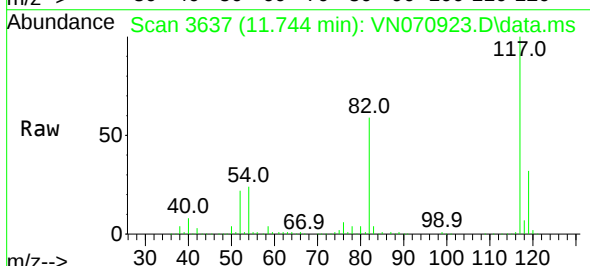


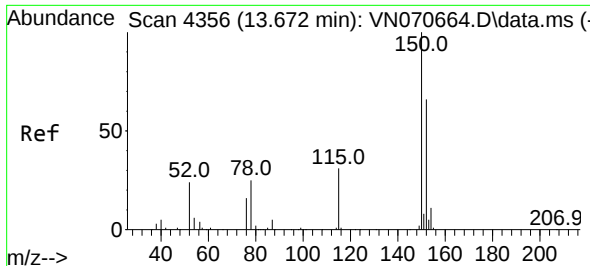
Tgt Ion: 95 Resp: 600402
Ion Ratio Lower Upper
95 100
174 77.0 0.0 187.2
176 74.2 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.000 min
Lab File: VN070923.D
Acq: 3 Feb 2022 12:03

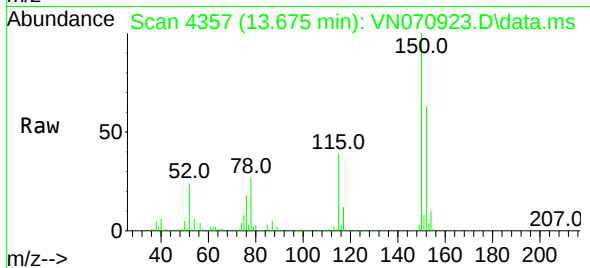
Tgt Ion: 117 Resp: 1347186
Ion Ratio Lower Upper
117 100
82 58.9 42.4 63.6
119 32.3 25.4 38.2



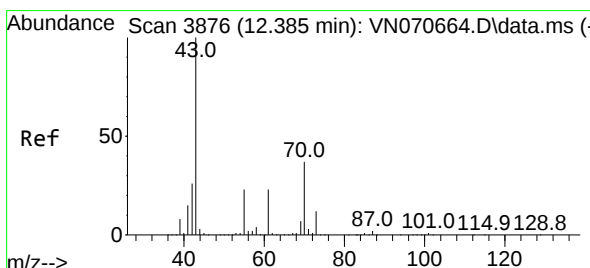
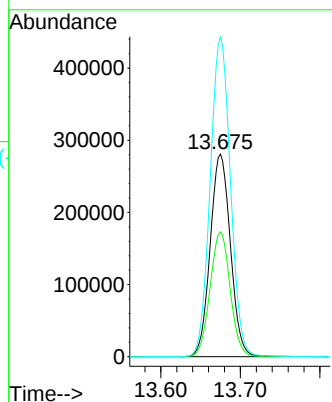
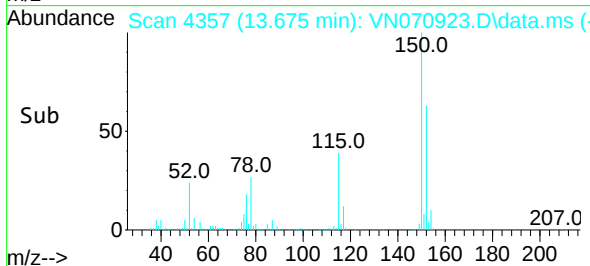


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 41
Delta R.T. 0.003 min
Lab File: VN070923.D
Acq: 3 Feb 2022 12:03

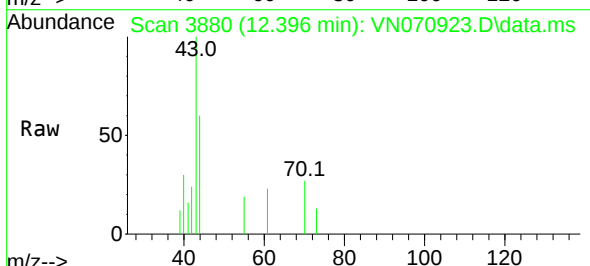
Instrument :
MSVOA_N
ClientSampleId :



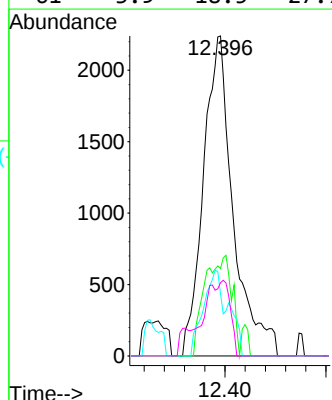
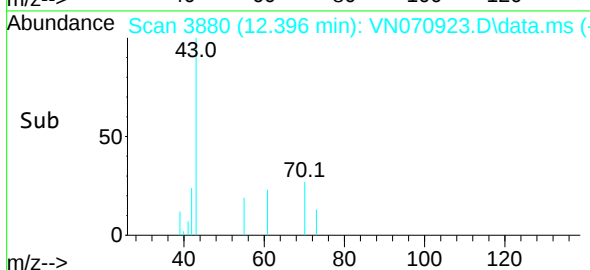
Tgt Ion:152 Resp: 496299
Ion Ratio Lower Upper
152 100
115 61.2 27.5 82.5
150 157.7 0.0 344.4

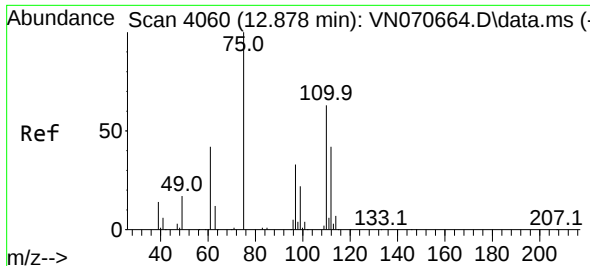


#74
N-ethyl acetate
Concen: 0.237 ug/l
RT: 12.396 min Scan# 3880
Delta R.T. 0.008 min
Lab File: VN070923.D
Acq: 3 Feb 2022 12:03



Tgt Ion: 43 Resp: 4589
Ion Ratio Lower Upper
43 100
70 11.4 33.4 50.0#
55 17.3 19.3 28.9#
61 3.9 18.5 27.7#

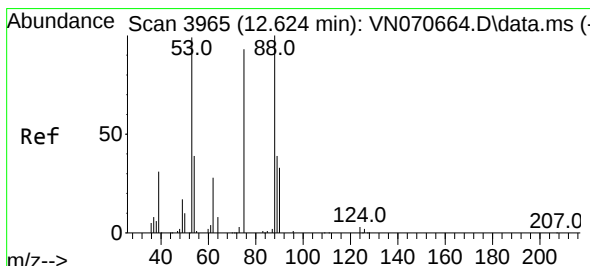
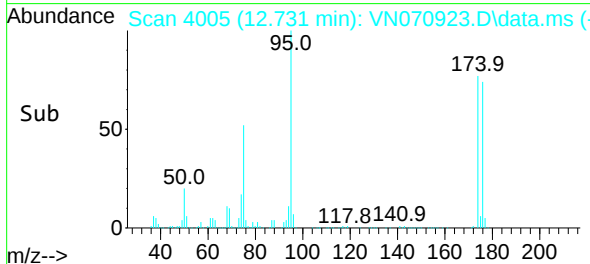
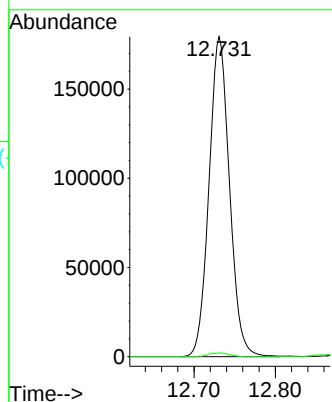
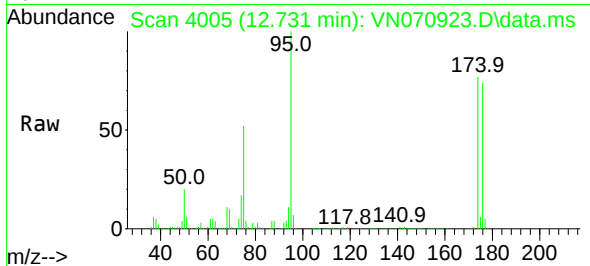




#76
1,2,3-Trichloropropane
Concen: 26.267 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.147 min
Lab File: VN070923.D
Acq: 3 Feb 2022 12:03

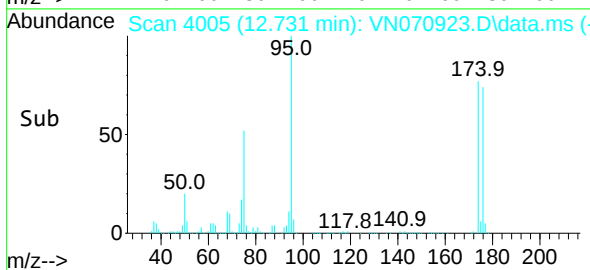
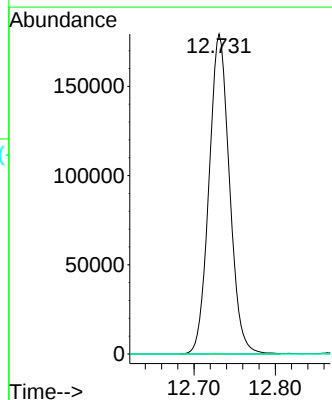
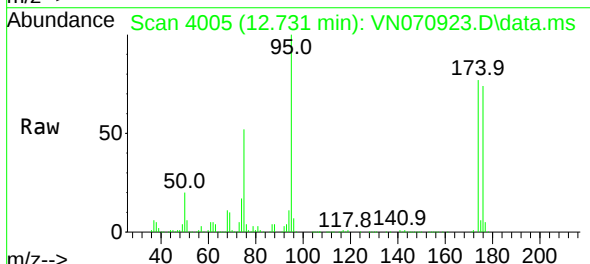
Instrument :
MSVOA_N
ClientSampleId :

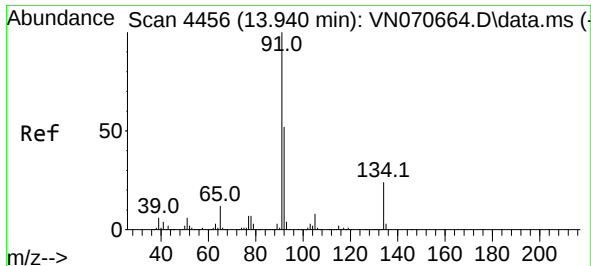
Tgt Ion: 75 Resp: 313784
Ion Ratio Lower Upper
75 100
77 1.2 82.6 247.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 71.201 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.107 min
Lab File: VN070923.D
Acq: 3 Feb 2022 12:03

Tgt Ion: 75 Resp: 313784
Ion Ratio Lower Upper
75 100
53 0.1 90.5 135.7#
89 0.0 38.2 57.4#





#89

n-Butylbenzene

Concen: 0.226 ug/l

RT: 13.943 min Scan# 4456

Delta R.T. 0.002 min

Lab File: VN070923.D

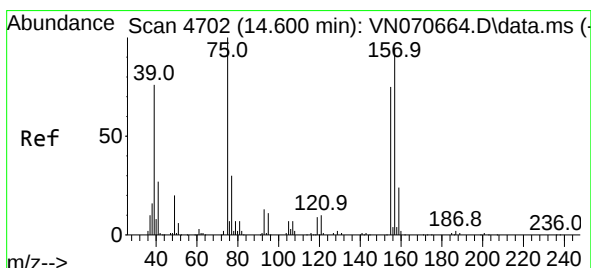
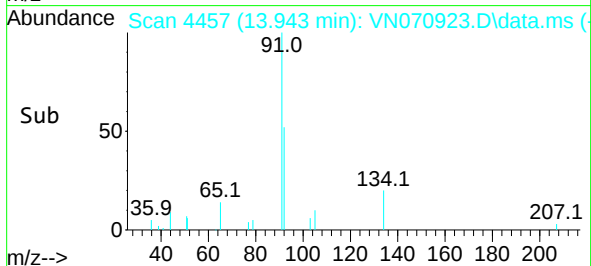
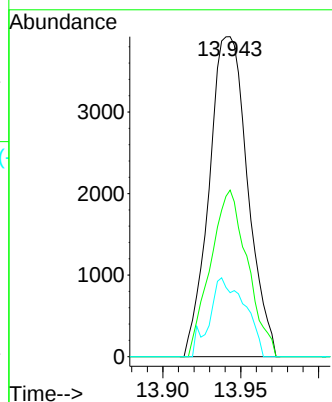
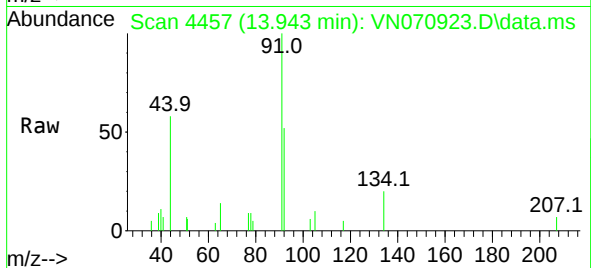
Acq: 3 Feb 2022 12:03

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	91	Resp:	6732
Ion	Ratio	Lower	Upper
91	100		
92	50.2	25.4	76.0
134	22.5	13.6	40.8



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.207 ug/l

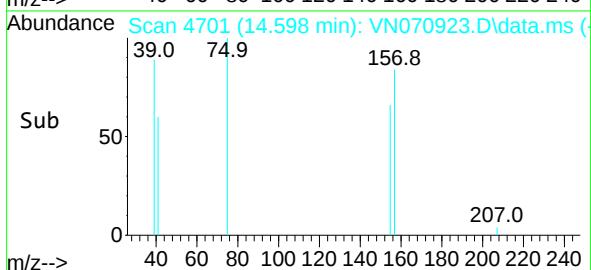
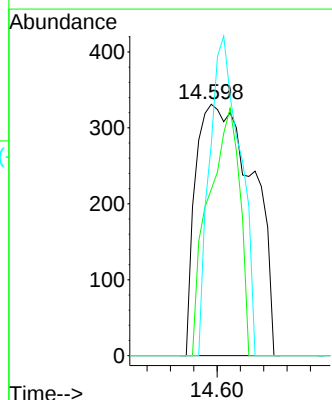
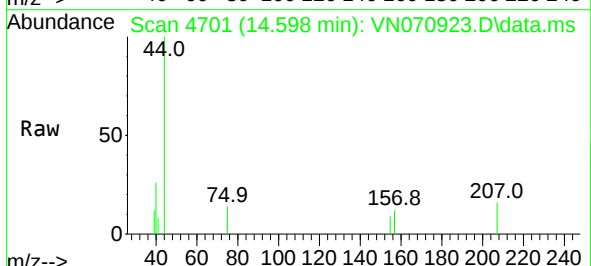
RT: 14.598 min Scan# 4701

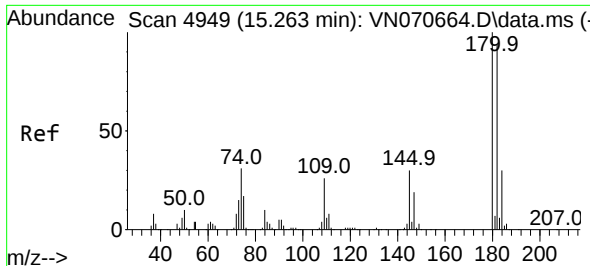
Delta R.T. -0.005 min

Lab File: VN070923.D

Acq: 3 Feb 2022 12:03

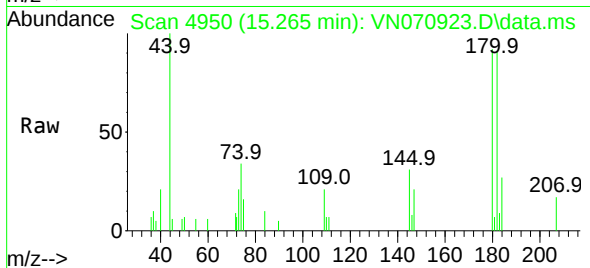
Tgt Ion:	75	Resp:	562
Ion	Ratio	Lower	Upper
75	100		
155	53.7	46.9	140.7
157	68.0	60.6	181.7



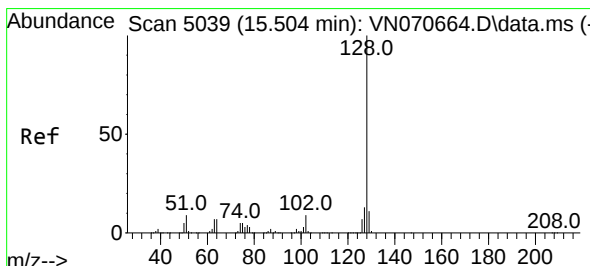
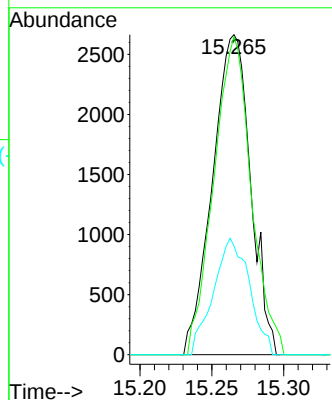
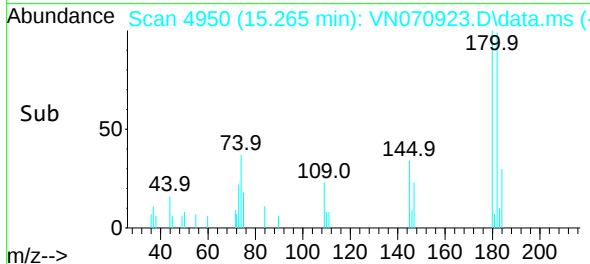


#93
1,2,4-Trichlorobenzene
Concen: 0.536 ug/l
RT: 15.265 min Scan# 4949
Delta R.T. 0.002 min
Lab File: VN070923.D
Acq: 3 Feb 2022 12:03

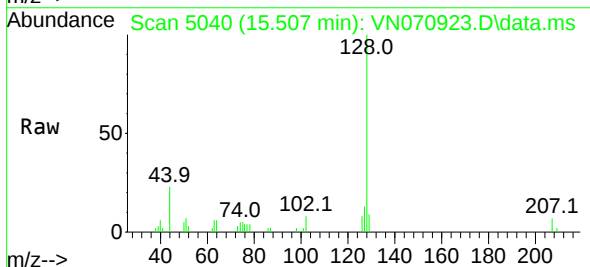
Instrument :
MSVOA_N
ClientSampleId :



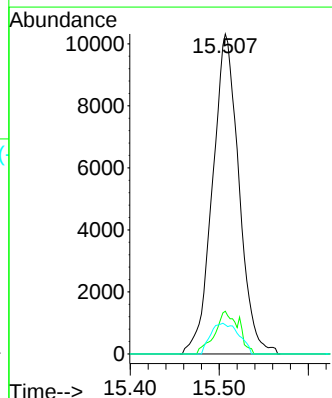
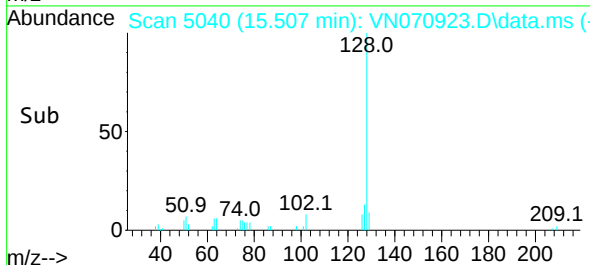
Tgt Ion:180 Resp: 4912
Ion Ratio Lower Upper
180 100
182 97.2 48.3 144.9
145 34.4 14.5 43.5

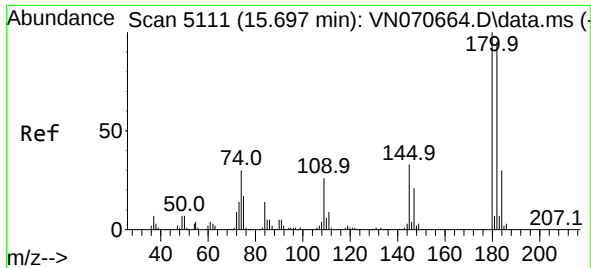


#95
Naphthalene
Concen: 4.302 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. 0.003 min
Lab File: VN070923.D
Acq: 3 Feb 2022 12:03



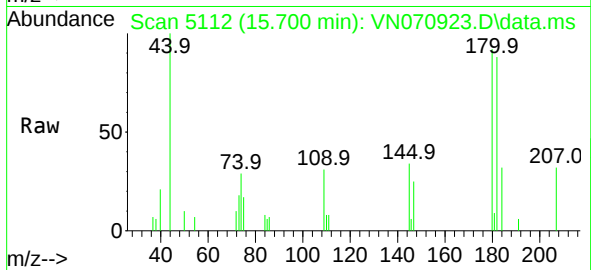
Tgt Ion:128 Resp: 21213
Ion Ratio Lower Upper
128 100
127 12.1 10.5 15.7
129 10.3 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 2.317 ug/l
 RT: 15.700 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VN070923.D
 Acq: 3 Feb 2022 12:03

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:180 Resp: 5578
 Ion Ratio Lower Upper
 180 100
 182 95.4 47.4 142.2
 145 32.8 15.0 45.1

