

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020322\
 Data File : VN070922.D
 Acq On : 3 Feb 2022 11:37
 Operator : JC/MD
 Sample : VN0203MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Feb 04 04:41:25 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)

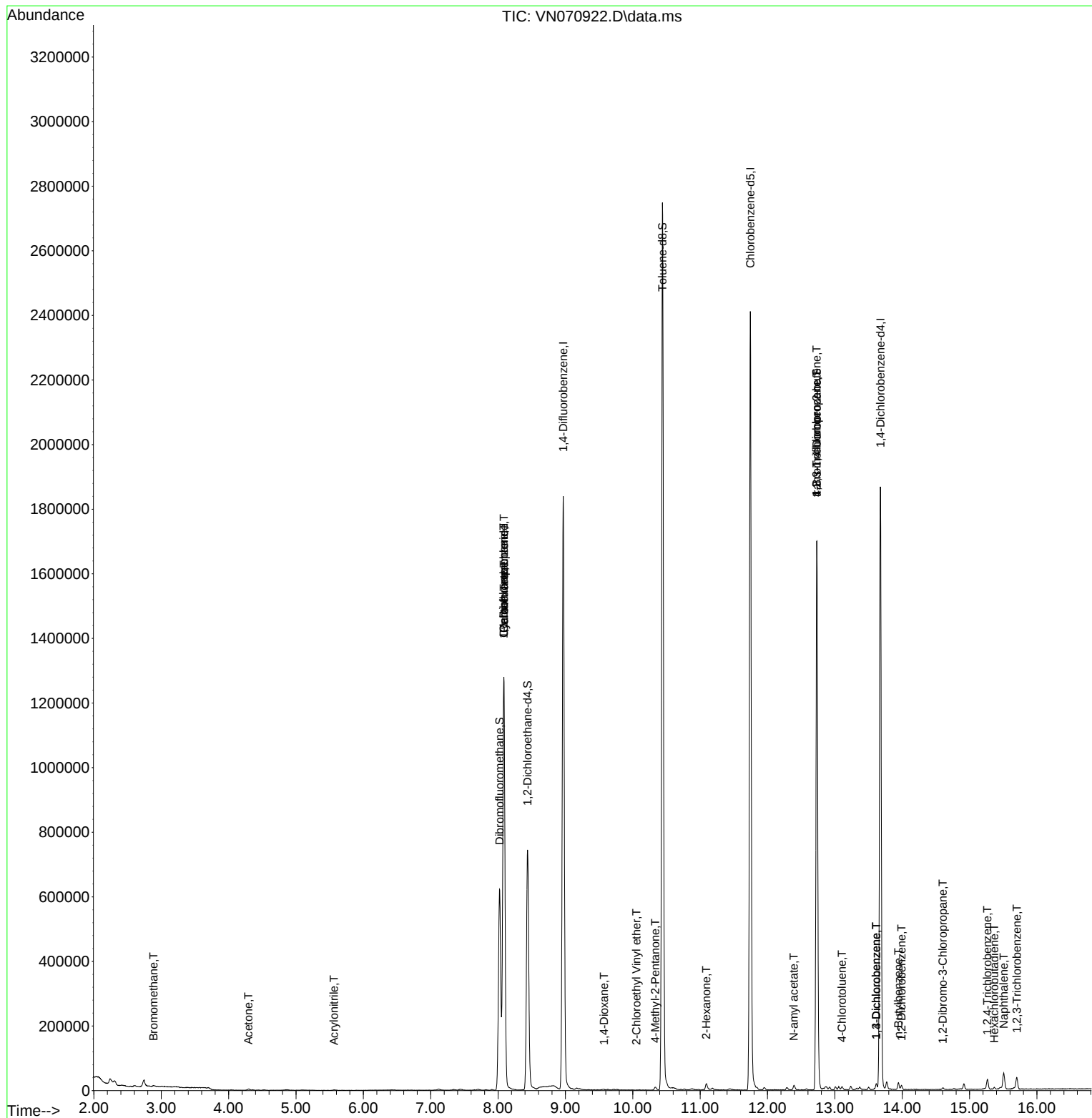
Internal Standards						
1) Pentafluorobenzene	8.086	168	993093	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1593664	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	1397567	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	526303	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	636181	47.326	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	94.660%		
35) Dibromofluoromethane	8.021	113	463338	48.533	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	97.060%		
50) Toluene-d8	10.440	98	1918113	48.933	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	97.860%		
62) 4-Bromofluorobenzene	12.731	95	629669	44.581	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	89.160%		
Target Compounds					Qvalue	
5) Bromomethane	2.885	94	1757	0.295	ug/l #	76
15) Acrylonitrile	5.565	53	1648	0.209	ug/l #	46
16) Acetone	4.293	43	5202	0.647	ug/l	91
18) Methyl Acetate	4.865	43	2150	Below Cal	#	64
31) Cyclohexane	8.088	56	21236	0.930	ug/l #	4
36) 1,1-Dichloropropene	8.083	75	78631	5.070	ug/l #	49
38) Carbon Tetrachloride	8.086	117	97138	6.858	ug/l #	17
49) 1,4-Dioxane	9.574	88	429	1.653	ug/l #	87
51) 4-Methyl-2-Pentanone	10.336	43	7702	0.364	ug/l	94
58) 2-Chloroethyl Vinyl ether	10.054	63	52	19.659	ug/l #	45
59) 2-Hexanone	11.092	43	17610	1.140	ug/l	88
74) N-amyl acetate	12.390	43	10790	0.525	ug/l #	90
76) 1,2,3-Trichloropropane	12.731	75	319612	25.230	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.731	75	319612	68.389	ug/l #	5
82) 4-Chlorotoluene	13.106	91	6726	0.214	ug/l	88
87) 1,3-Dichlorobenzene	13.613	146	5104	0.279	ug/l	90
88) 1,4-Dichlorobenzene	13.613	146	5104	0.279	ug/l	89
89) n-Butylbenzene	13.943	91	13073	0.414	ug/l	96
91) 1,2-Dichlorobenzene	13.989	146	5579	0.318	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.603	75	1505	0.522	ug/l	85
93) 1,2,4-Trichlorobenzene	15.265	180	11411	1.174	ug/l	97
94) Hexachlorobutadiene	15.367	225	1972	0.336	ug/l #	58
95) Naphthalene	15.507	128	49580	5.214	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	15241	3.289	ug/l	94

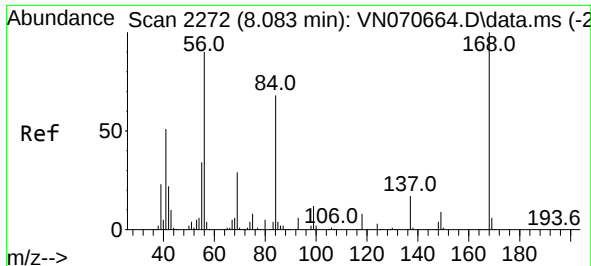
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020322\
Data File : VN070922.D
Acq On : 3 Feb 2022 11:37
Operator : JC/MD
Sample : VN0203MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

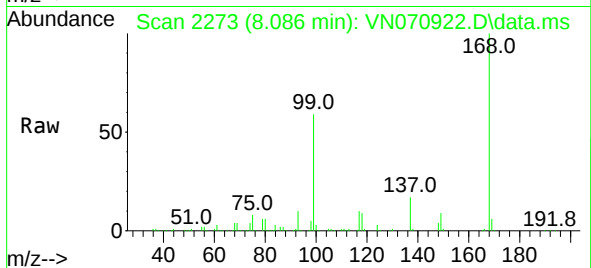
Quant Time: Feb 04 04:41:25 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N020222W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 02 15:30:39 2022
Response via : Initial Calibration



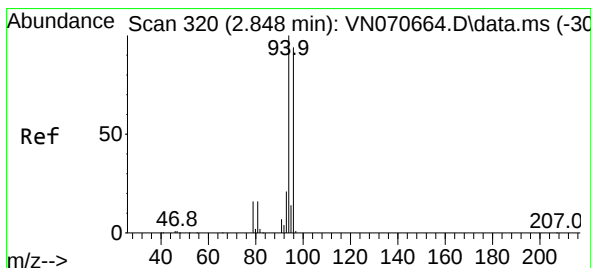
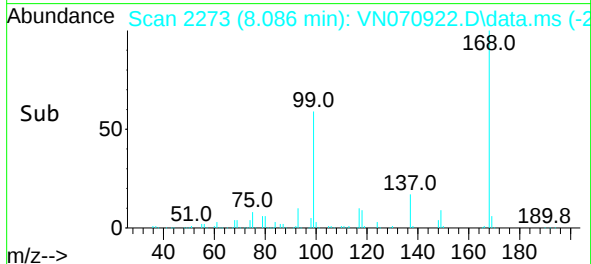
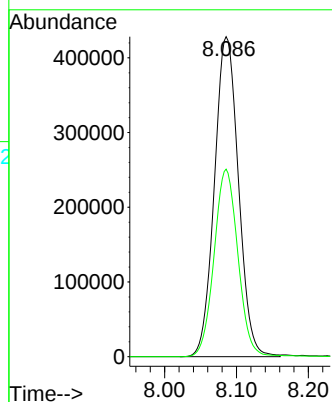


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070922.D
Acq: 3 Feb 2022 11:37

Instrument :
MSVOA_N
ClientSampleId :

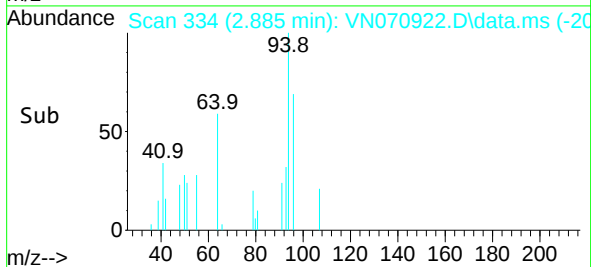
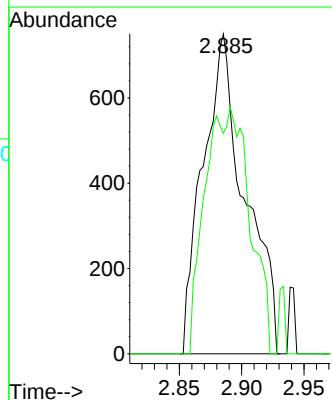
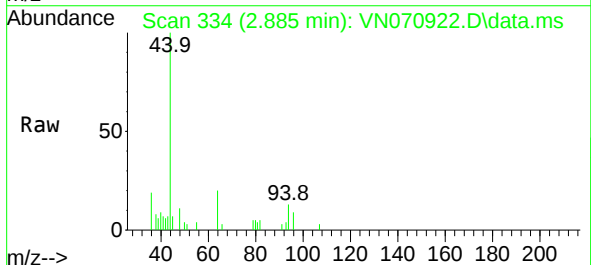


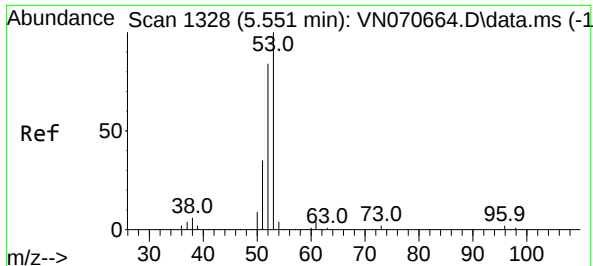
Tgt Ion:168 Resp: 993093
Ion Ratio Lower Upper
168 100
99 58.6 41.3 61.9



#5
Bromomethane
Concen: 0.295 ug/l
RT: 2.885 min Scan# 334
Delta R.T. 0.053 min
Lab File: VN070922.D
Acq: 3 Feb 2022 11:37

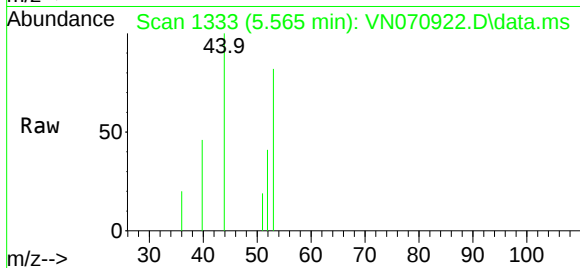
Tgt Ion: 94 Resp: 1757
Ion Ratio Lower Upper
94 100
96 68.9 73.8 110.8#



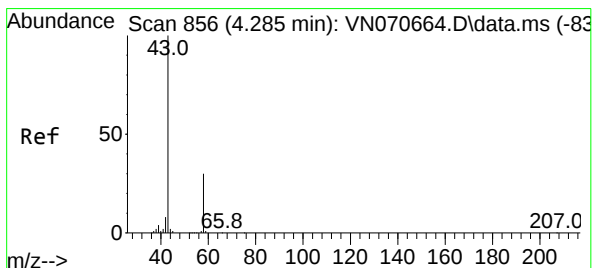
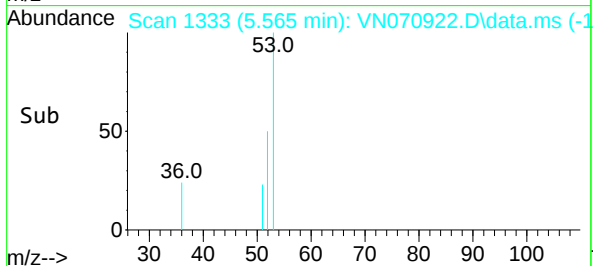
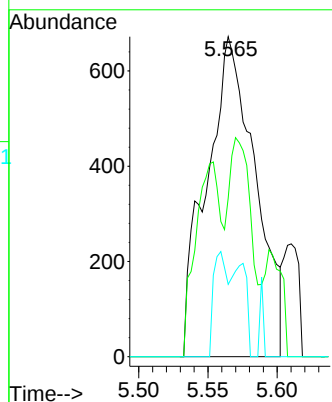


#15
Acrylonitrile
Concen: 0.209 ug/l
RT: 5.565 min Scan# 11
Delta R.T. 0.014 min
Lab File: VN070922.D
Acq: 3 Feb 2022 11:37

Instrument :
MSVOA_N
ClientSampleId :

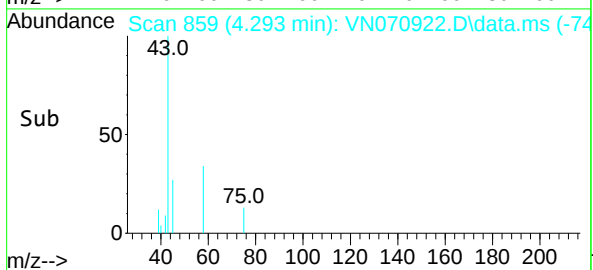
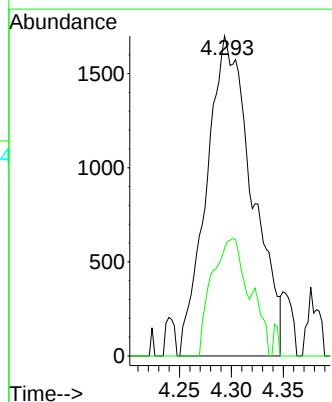
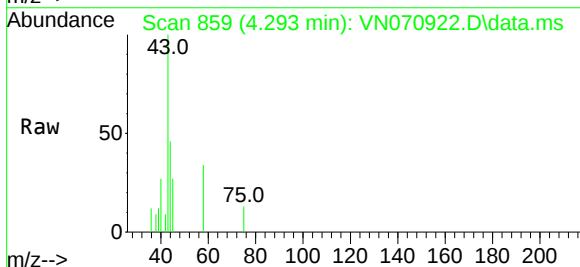


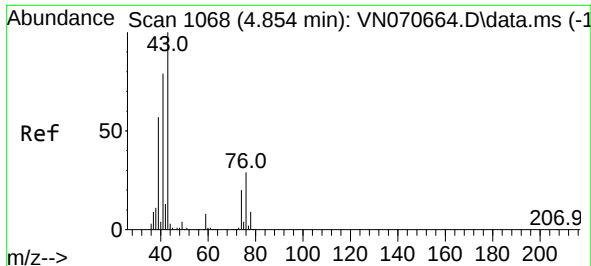
Tgt Ion: 53 Resp: 1648
Ion Ratio Lower Upper
53 100
52 30.8 66.2 99.2#
51 9.2 29.6 44.4#



#16
Acetone
Concen: 0.647 ug/l
RT: 4.293 min Scan# 859
Delta R.T. 0.008 min
Lab File: VN070922.D
Acq: 3 Feb 2022 11:37

Tgt Ion: 43 Resp: 5202
Ion Ratio Lower Upper
43 100
58 33.6 23.1 34.7





#18

Methyl Acetate

Concen: Below Cal

RT: 4.865 min Scan# 1068

Delta R.T. 0.011 min

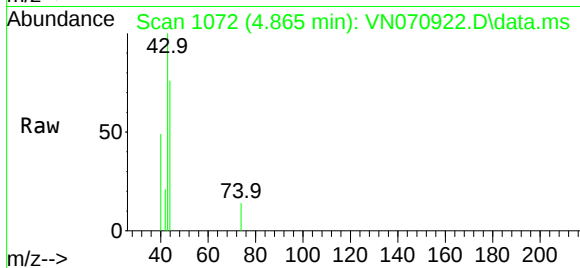
Lab File: VN070922.D

Acq: 3 Feb 2022 11:37

Instrument :

MSVOA_N

ClientSampleId :

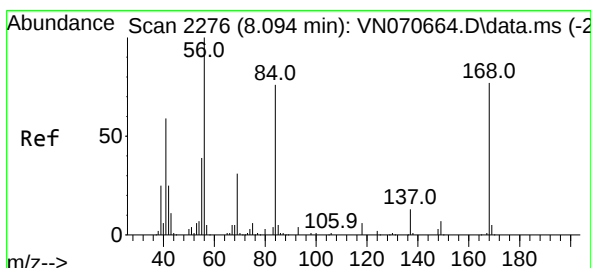
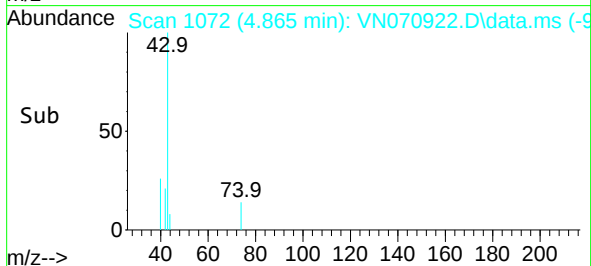
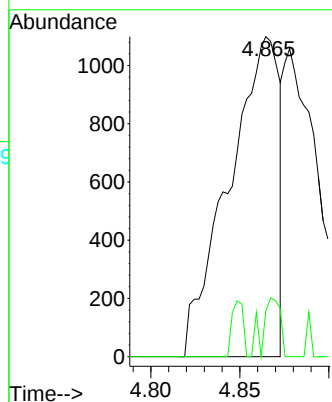


Tgt Ion: 43 Resp: 2150

Ion Ratio Lower Upper

43 100

74 6.5 19.4 29.2#



#31

Cyclohexane

Concen: 0.930 ug/l

RT: 8.088 min Scan# 2274

Delta R.T. -0.006 min

Lab File: VN070922.D

Acq: 3 Feb 2022 11:37

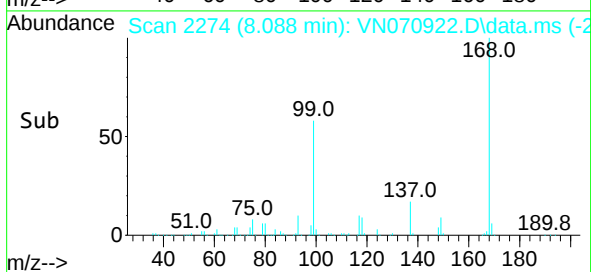
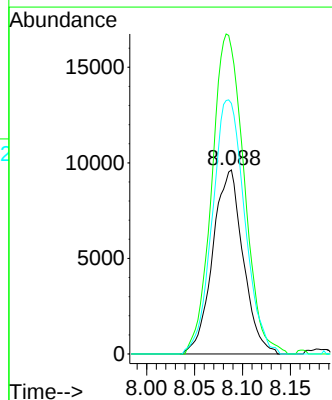
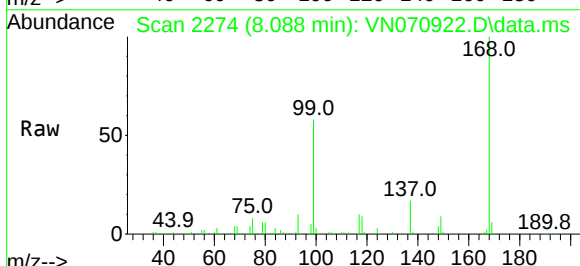
Tgt Ion: 56 Resp: 21236

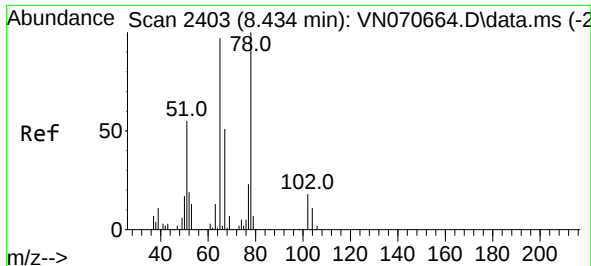
Ion Ratio Lower Upper

56 100

69 166.1 27.1 40.7#

84 136.2 73.4 110.0#





#33

1,2-Dichloroethane-d4

Concen: 47.326 ug/l

RT: 8.437 min Scan# 24

Delta R.T. -0.000 min

Lab File: VN070922.D

Acq: 3 Feb 2022 11:37

Instrument :

MSVOA_N

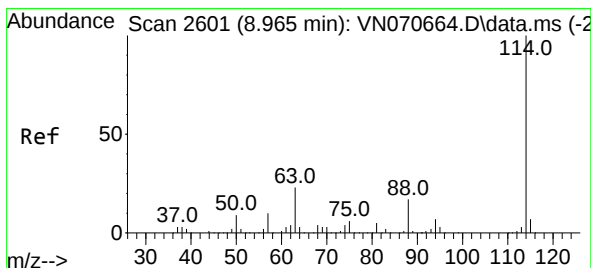
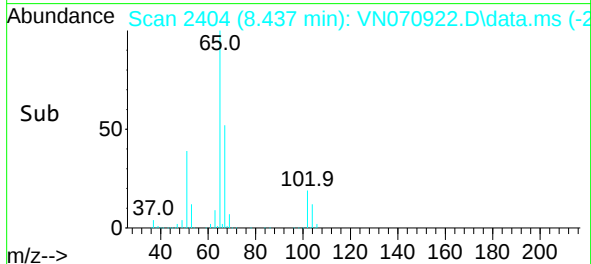
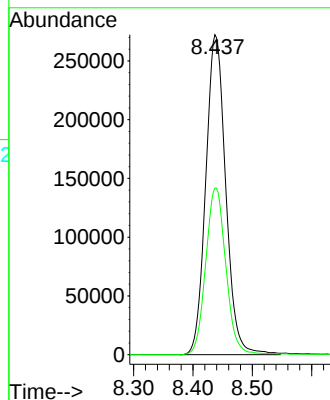
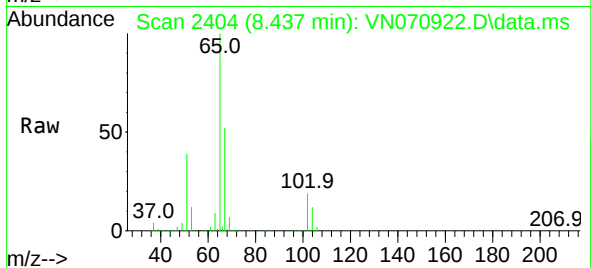
ClientSampleId :

Tgt Ion: 65 Resp: 636181

Ion Ratio Lower Upper

65 100

67 52.3 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2602

Delta R.T. 0.003 min

Lab File: VN070922.D

Acq: 3 Feb 2022 11:37

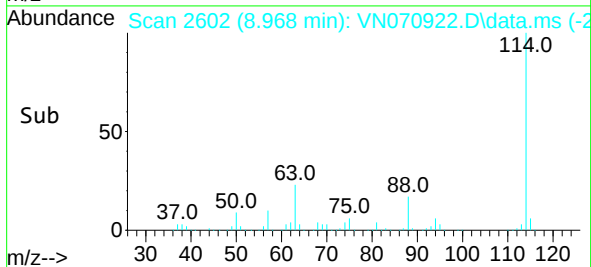
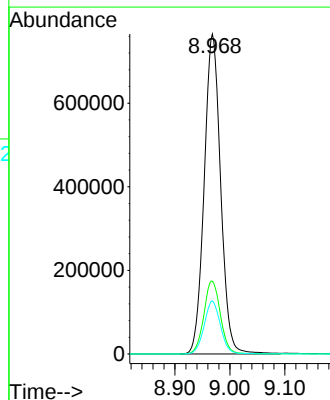
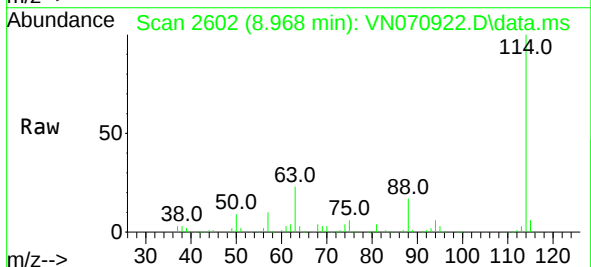
Tgt Ion: 114 Resp: 1593664

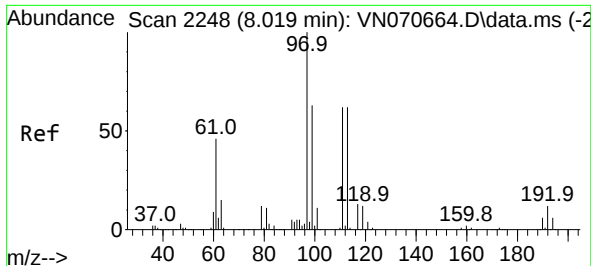
Ion Ratio Lower Upper

114 100

63 22.7 0.0 37.8

88 16.6 0.0 27.4





#35

Dibromofluoromethane

Concen: 48.533 ug/l

RT: 8.021 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN070922.D

Acq: 3 Feb 2022 11:37

Instrument :

MSVOA_N

ClientSampleId :

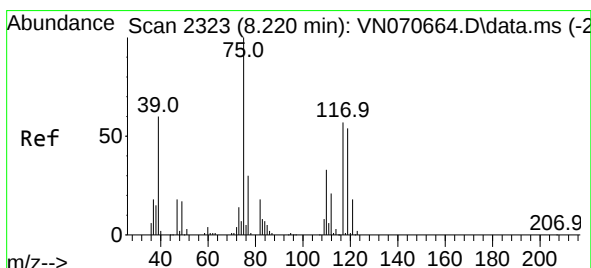
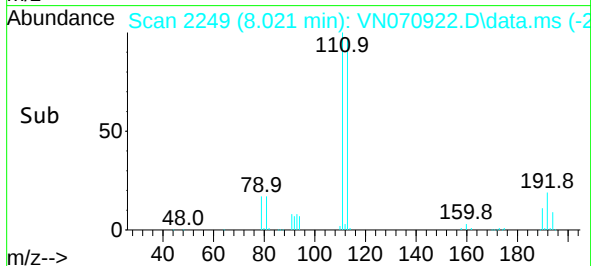
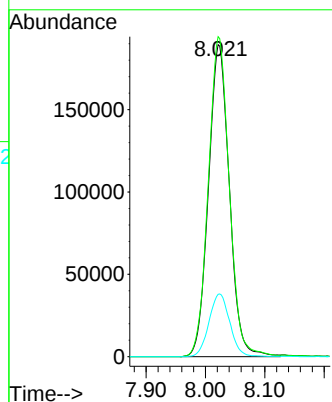
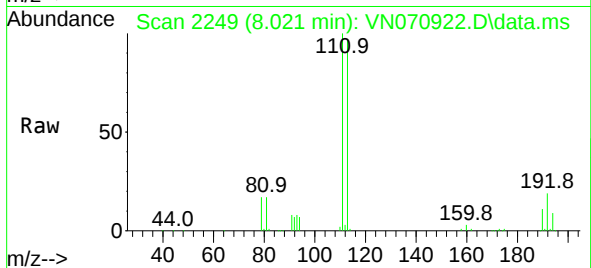
Tgt Ion:113 Resp: 463338

Ion Ratio Lower Upper

113 100

111 102.9 82.2 123.2

192 20.1 16.9 25.3



#36

1,1-Dichloropropene

Concen: 5.070 ug/l

RT: 8.083 min Scan# 2272

Delta R.T. -0.137 min

Lab File: VN070922.D

Acq: 3 Feb 2022 11:37

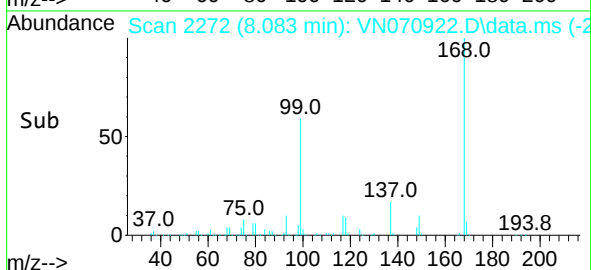
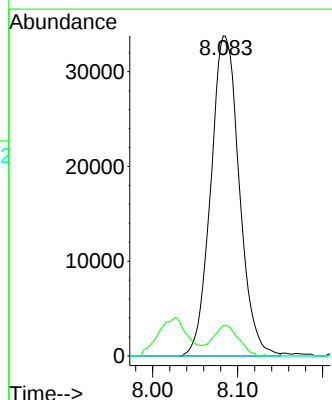
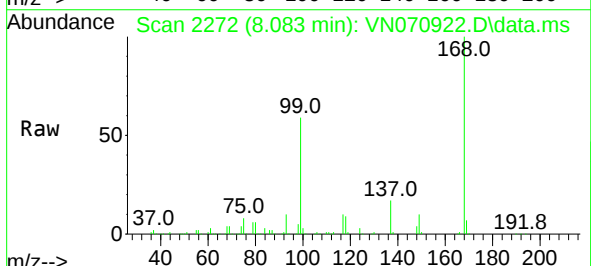
Tgt Ion: 75 Resp: 78631

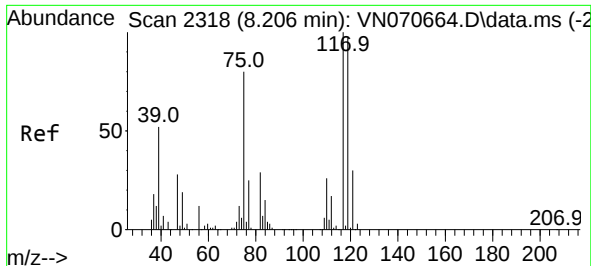
Ion Ratio Lower Upper

75 100

110 8.4 18.4 55.2#

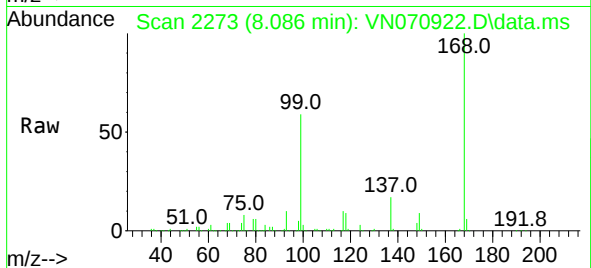
77 0.0 24.4 36.6#



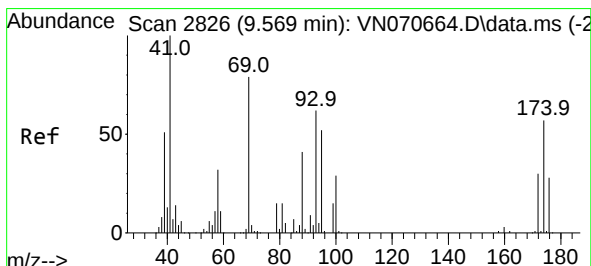
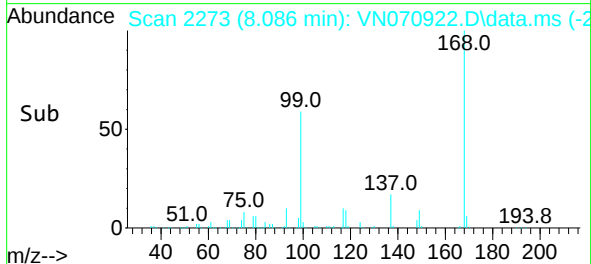
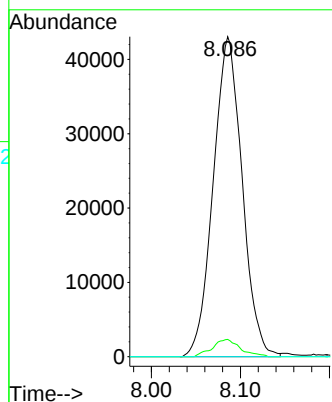


#38
Carbon Tetrachloride
Concen: 6.858 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.120 min
Lab File: VN070922.D
Acq: 3 Feb 2022 11:37

Instrument :
MSVOA_N
ClientSampleId :

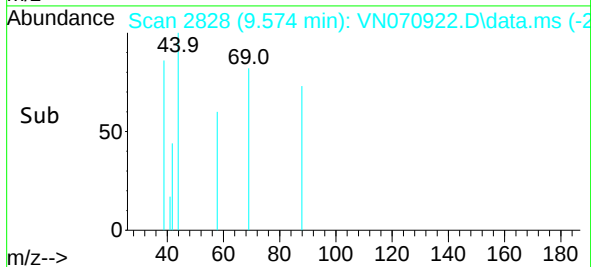
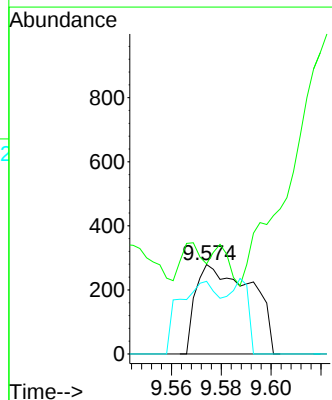
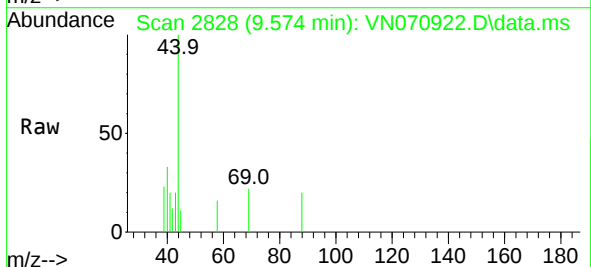


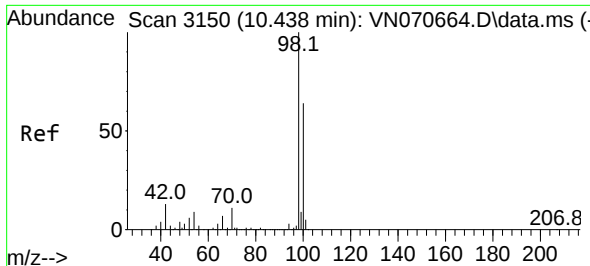
Tgt Ion:117 Resp: 97138
Ion Ratio Lower Upper
117 100
119 5.4 76.1 114.1#
121 0.0 24.2 36.2#



#49
1,4-Dioxane
Concen: 1.653 ug/l
RT: 9.574 min Scan# 2828
Delta R.T. 0.005 min
Lab File: VN070922.D
Acq: 3 Feb 2022 11:37

Tgt Ion: 88 Resp: 429
Ion Ratio Lower Upper
88 100
43 15.6 23.4 35.2#
58 57.1 50.6 75.8

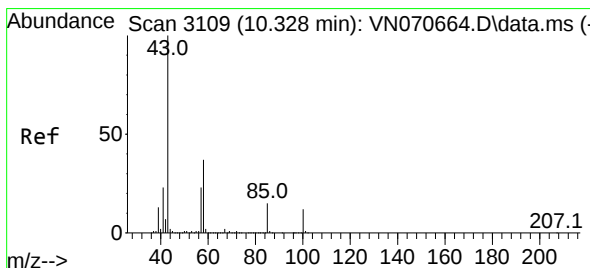
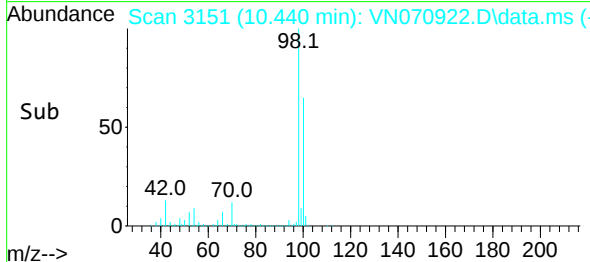
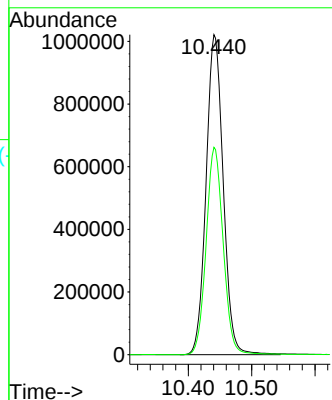
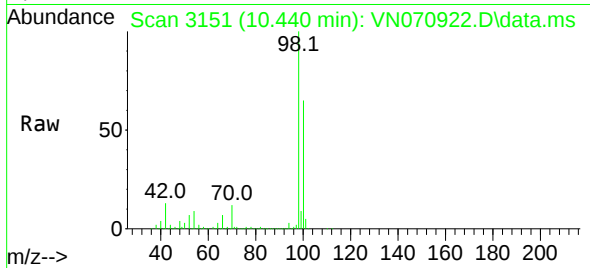




#50
Toluene-d8
Concen: 48.933 ug/l
RT: 10.440 min Scan# 3150
Delta R.T. -0.001 min
Lab File: VN070922.D
Acq: 3 Feb 2022 11:37

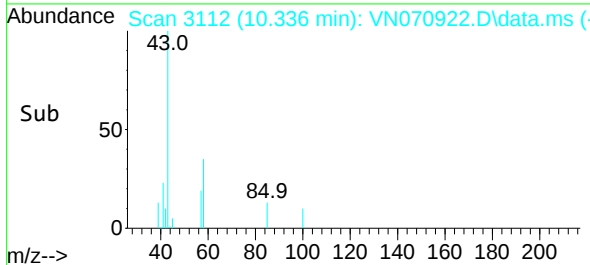
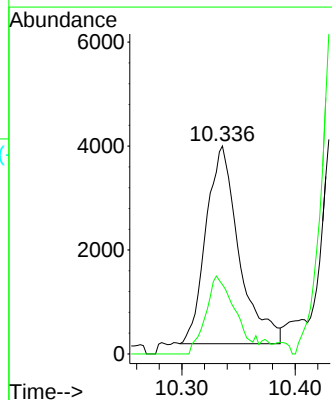
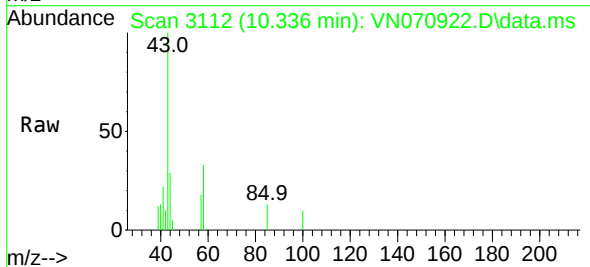
Instrument :
MSVOA_N
ClientSampleId :

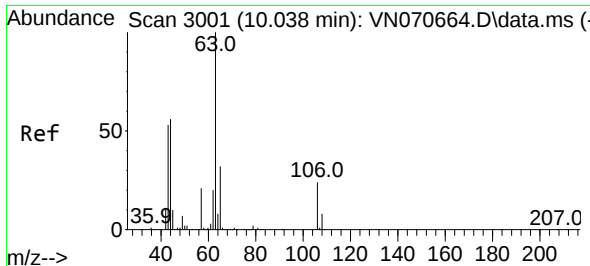
Tgt Ion: 98 Resp: 1918113
Ion Ratio Lower Upper
98 100
100 64.7 50.4 75.6



#51
4-Methyl-2-Pentanone
Concen: 0.364 ug/l
RT: 10.336 min Scan# 3112
Delta R.T. 0.005 min
Lab File: VN070922.D
Acq: 3 Feb 2022 11:37

Tgt Ion: 43 Resp: 7702
Ion Ratio Lower Upper
43 100
58 34.2 30.4 45.6

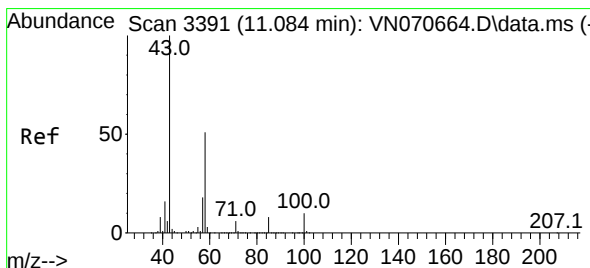
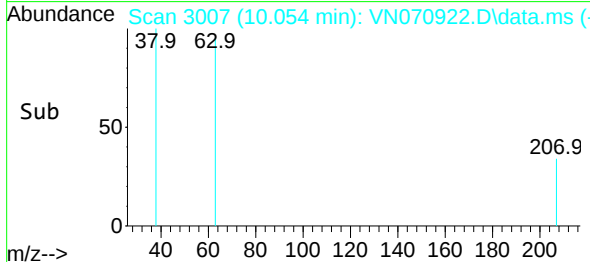
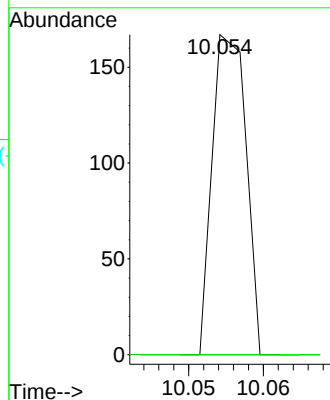
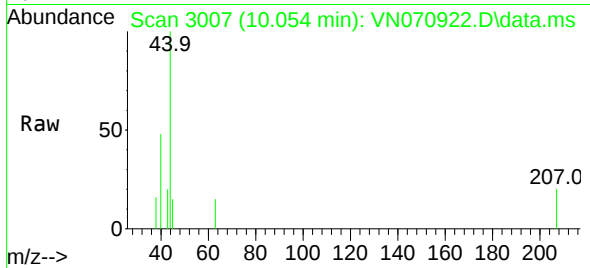




#58
2-Chloroethyl Vinyl ether
Concen: 19.659 ug/l
RT: 10.054 min Scan# 3007
Delta R.T. 0.013 min
Lab File: VN070922.D
Acq: 3 Feb 2022 11:37

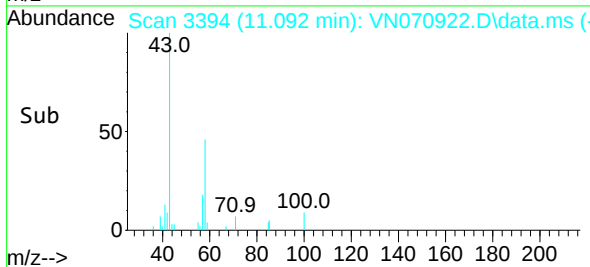
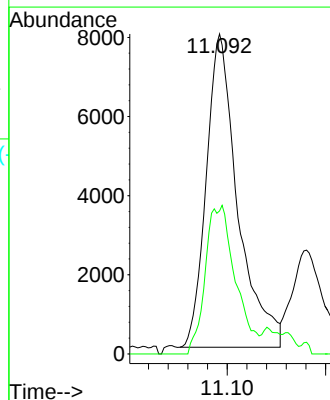
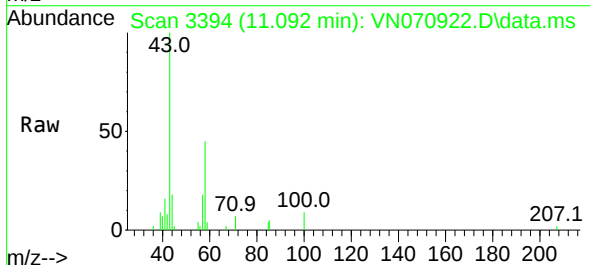
Instrument :
MSVOA_N
ClientSampleId :

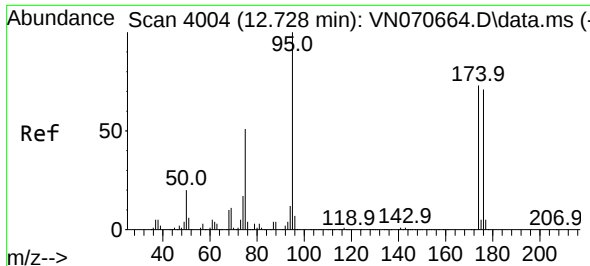
Tgt Ion: 63 Resp: 52
Ion Ratio Lower Upper
63 100
106 0.0 23.9 35.9#



#59
2-Hexanone
Concen: 1.140 ug/l
RT: 11.092 min Scan# 3394
Delta R.T. 0.008 min
Lab File: VN070922.D
Acq: 3 Feb 2022 11:37

Tgt Ion: 43 Resp: 17610
Ion Ratio Lower Upper
43 100
58 45.5 26.9 80.7

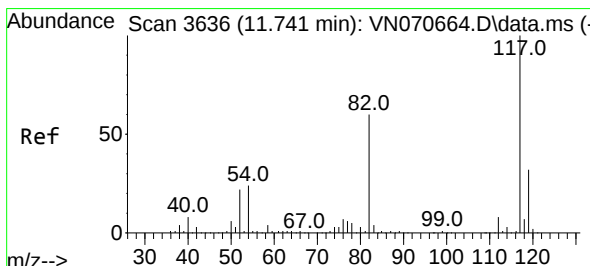
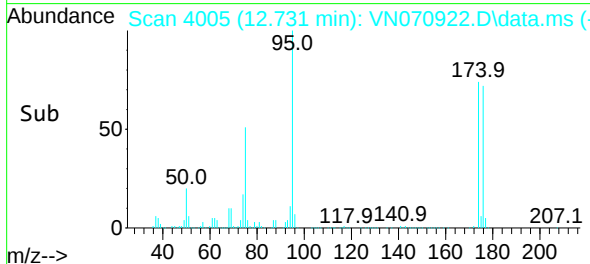
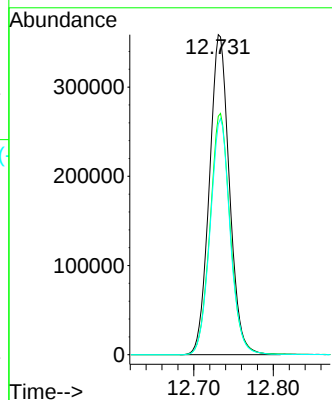
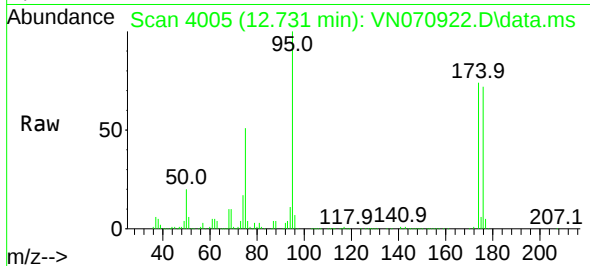




#62
4-Bromofluorobenzene
Concen: 44.581 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070922.D
Acq: 3 Feb 2022 11:37

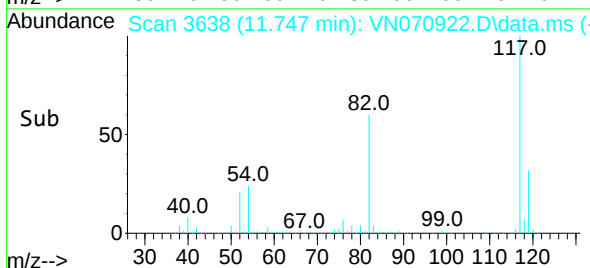
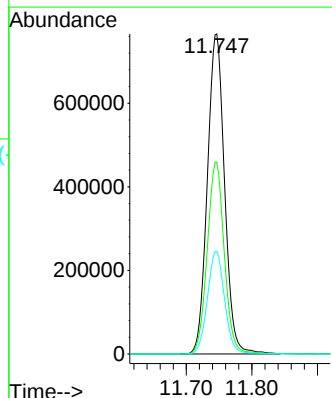
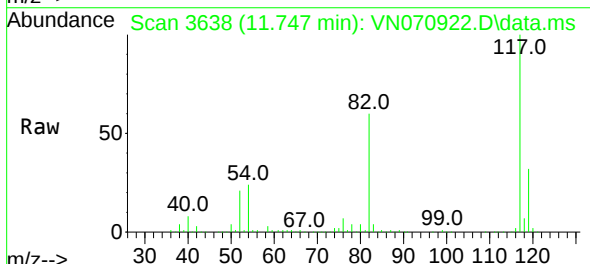
Instrument :
MSVOA_N
ClientSampleId :

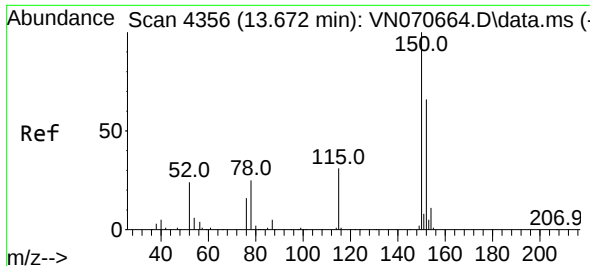
Tgt Ion: 95 Resp: 629669
Ion Ratio Lower Upper
95 100
174 75.9 0.0 187.2
176 73.6 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.003 min
Lab File: VN070922.D
Acq: 3 Feb 2022 11:37

Tgt Ion: 117 Resp: 1397567
Ion Ratio Lower Upper
117 100
82 59.9 42.4 63.6
119 32.1 25.4 38.2

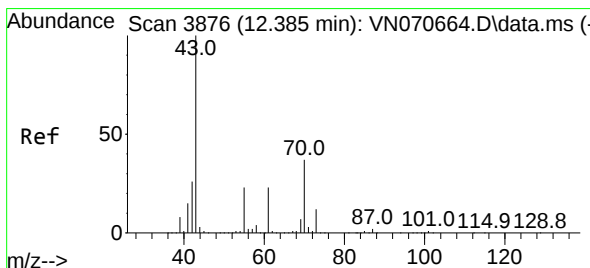
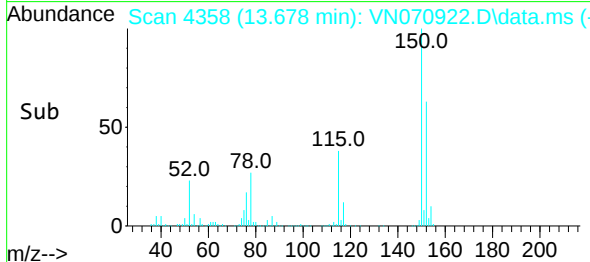
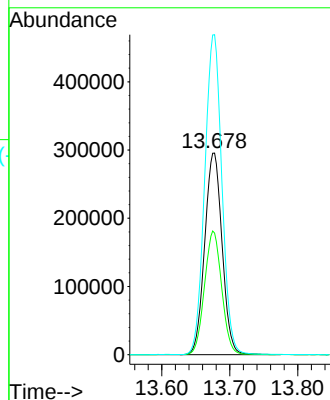
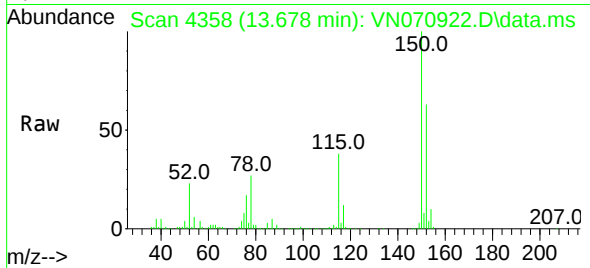




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN070922.D
Acq: 3 Feb 2022 11:37

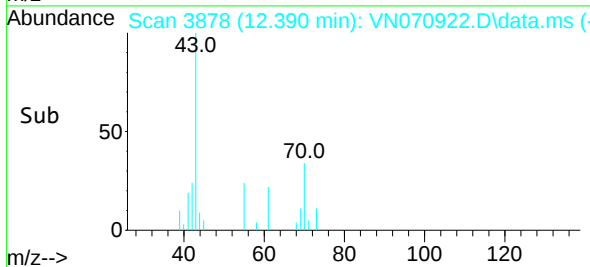
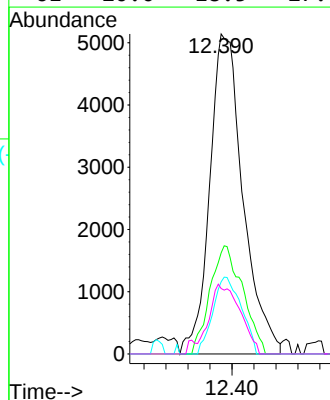
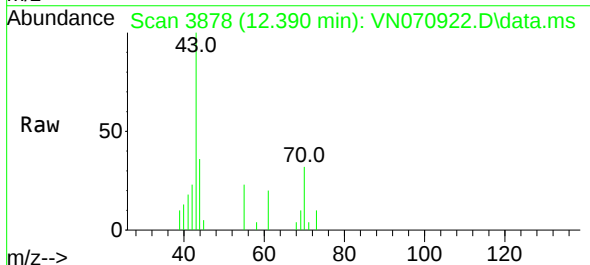
Instrument :
MSVOA_N
ClientSampleId :

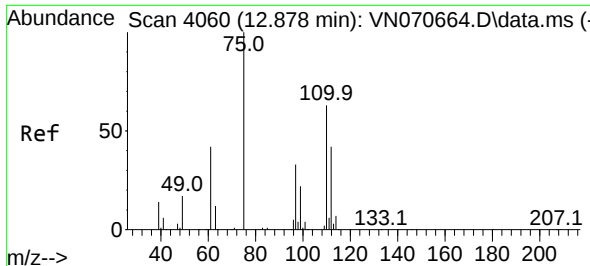
Tgt Ion:152 Resp: 526303
Ion Ratio Lower Upper
152 100
115 60.5 27.5 82.5
150 156.5 0.0 344.4



#74
N-ethyl acetate
Concen: 0.525 ug/l
RT: 12.390 min Scan# 3878
Delta R.T. 0.002 min
Lab File: VN070922.D
Acq: 3 Feb 2022 11:37

Tgt Ion: 43 Resp: 10790
Ion Ratio Lower Upper
43 100
70 33.3 33.4 50.0#
55 20.5 19.3 28.9
61 20.0 18.5 27.7

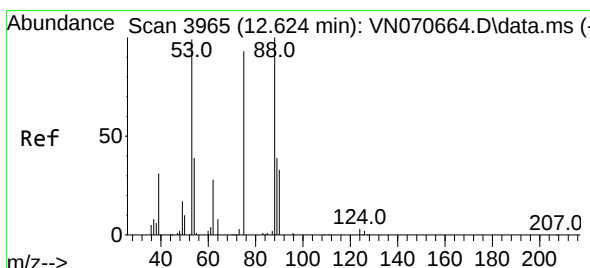
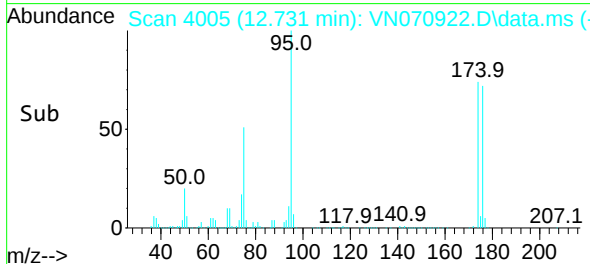
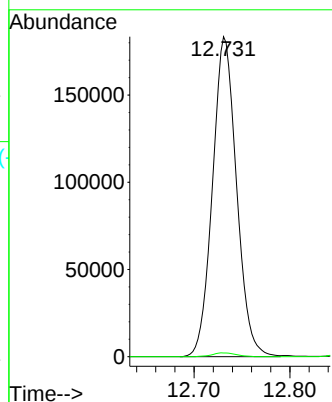
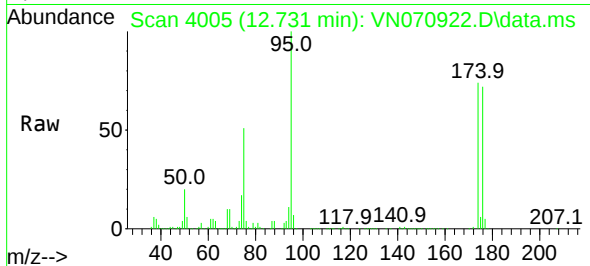




#76
1,2,3-Trichloropropane
Concen: 25.230 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.147 min
Lab File: VN070922.D
Acq: 3 Feb 2022 11:37

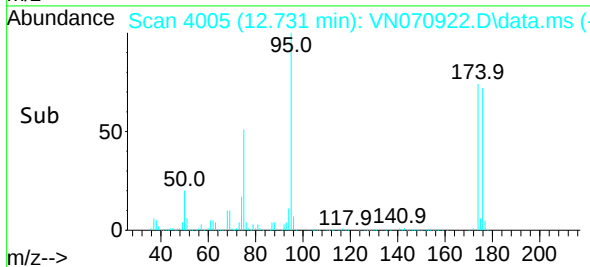
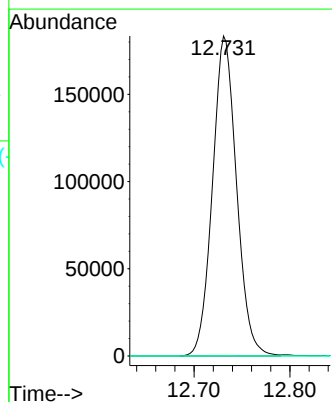
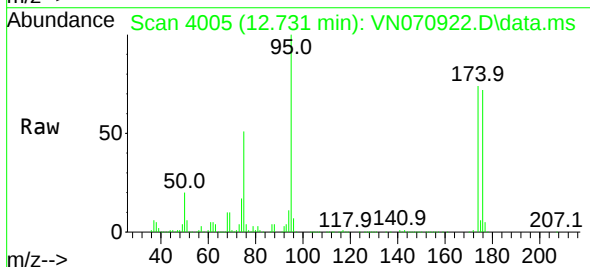
Instrument :
MSVOA_N
ClientSampleId :

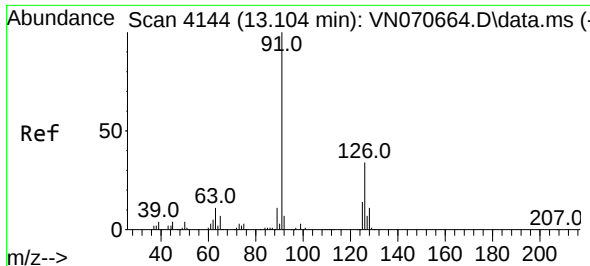
Tgt Ion: 75 Resp: 319612
Ion Ratio Lower Upper
75 100
77 1.2 82.6 247.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 68.389 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.107 min
Lab File: VN070922.D
Acq: 3 Feb 2022 11:37

Tgt Ion: 75 Resp: 319612
Ion Ratio Lower Upper
75 100
53 0.1 90.5 135.7#
89 0.0 38.2 57.4#

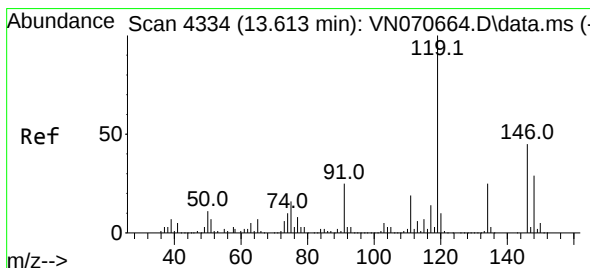
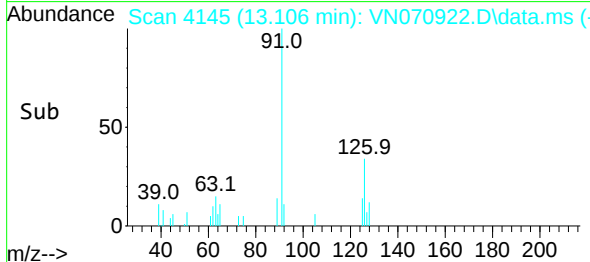
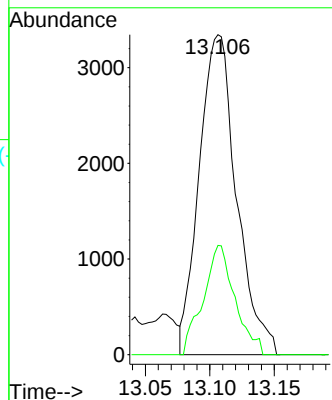
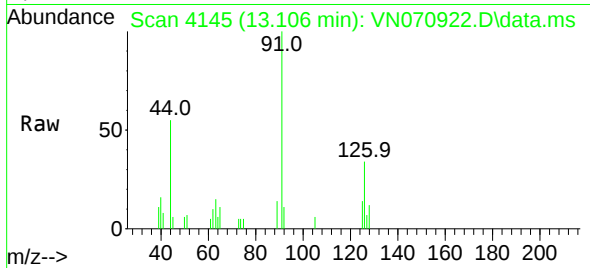




#82
4-Chlorotoluene
Concen: 0.214 ug/l
RT: 13.106 min Scan# 4144
Delta R.T. 0.002 min
Lab File: VN070922.D
Acq: 3 Feb 2022 11:37

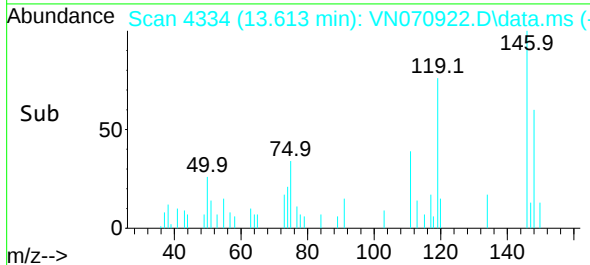
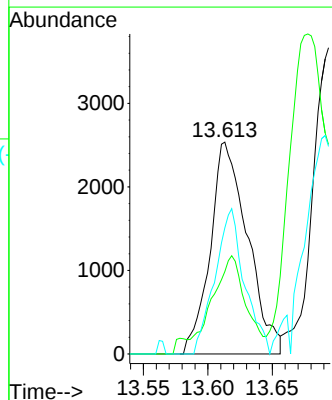
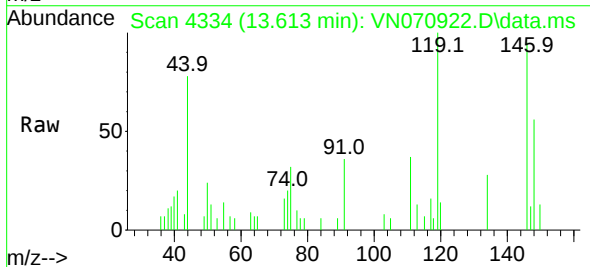
Instrument :
MSVOA_N
ClientSampleId :

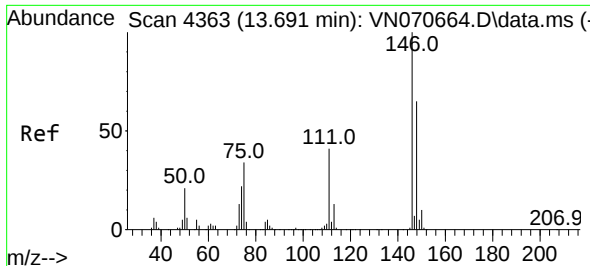
Tgt Ion: 91 Resp: 6726
Ion Ratio Lower Upper
91 100
126 29.1 18.2 54.6



#87
1,3-Dichlorobenzene
Concen: 0.279 ug/l
RT: 13.613 min Scan# 4334
Delta R.T. 0.000 min
Lab File: VN070922.D
Acq: 3 Feb 2022 11:37

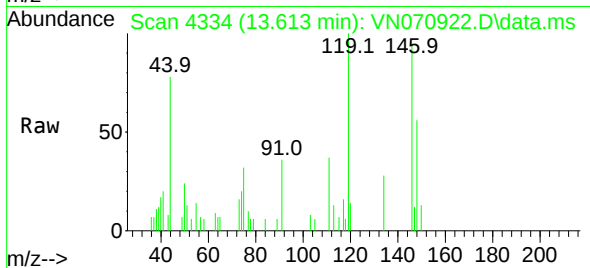
Tgt Ion:146 Resp: 5104
Ion Ratio Lower Upper
146 100
111 41.8 18.6 55.6
148 54.4 31.6 95.0



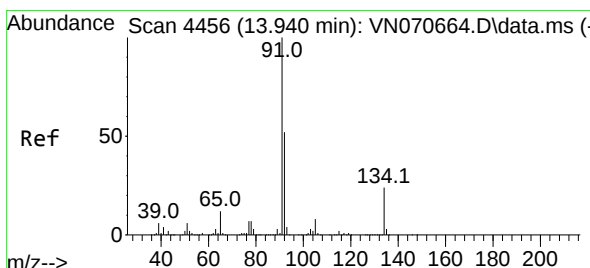
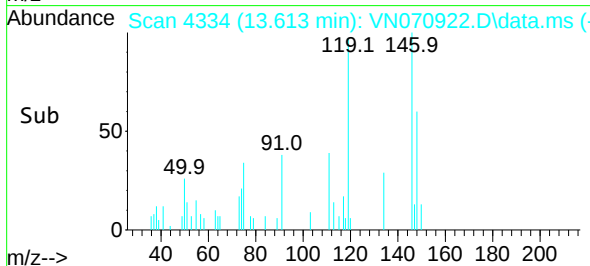
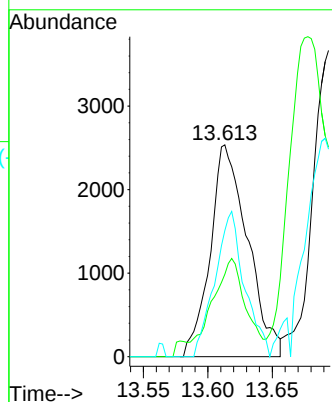


#88
1,4-Dichlorobenzene
Concen: 0.279 ug/l
RT: 13.613 min Scan# 41
Delta R.T. -0.081 min
Lab File: VN070922.D
Acq: 3 Feb 2022 11:37

Instrument :
MSVOA_N
ClientSampleId :

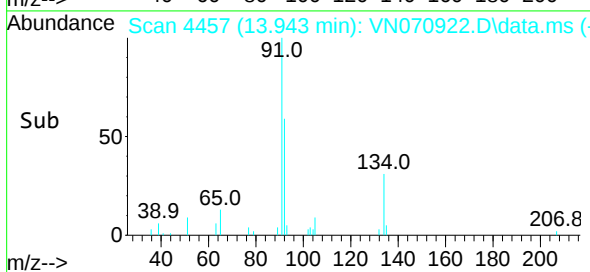
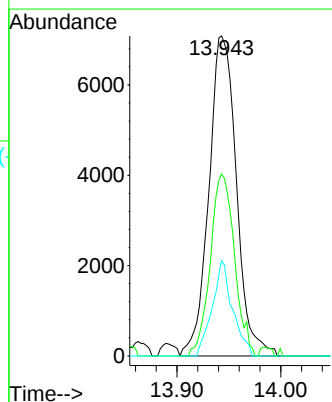
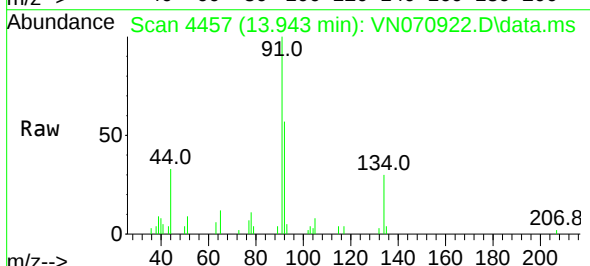


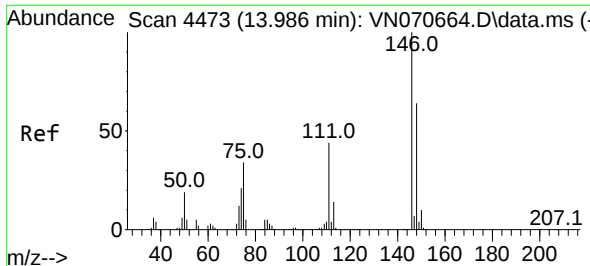
Tgt Ion:146 Resp: 5104
Ion Ratio Lower Upper
146 100
111 41.8 18.3 54.8
148 54.4 31.8 95.4



#89
n-Butylbenzene
Concen: 0.414 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.002 min
Lab File: VN070922.D
Acq: 3 Feb 2022 11:37

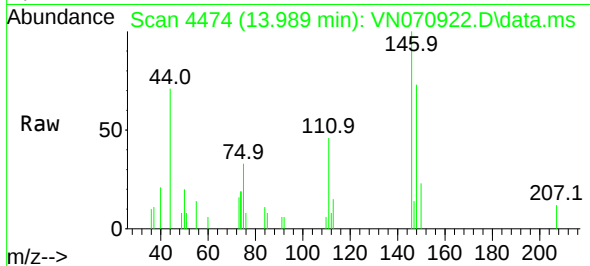
Tgt Ion: 91 Resp: 13073
Ion Ratio Lower Upper
91 100
92 49.8 25.4 76.0
134 21.9 13.6 40.8



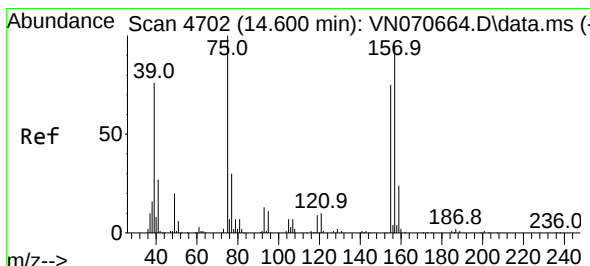
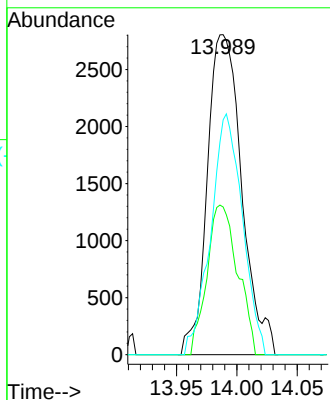
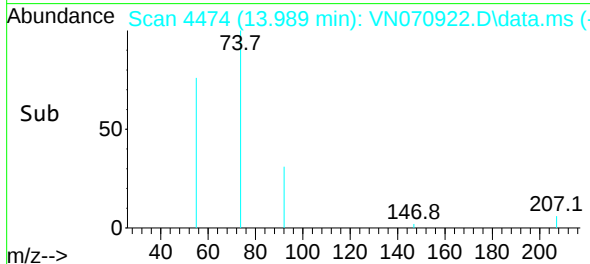


#91
1,2-Dichlorobenzene
Concen: 0.318 ug/l
RT: 13.989 min Scan# 4473
Delta R.T. 0.003 min
Lab File: VN070922.D
Acq: 3 Feb 2022 11:37

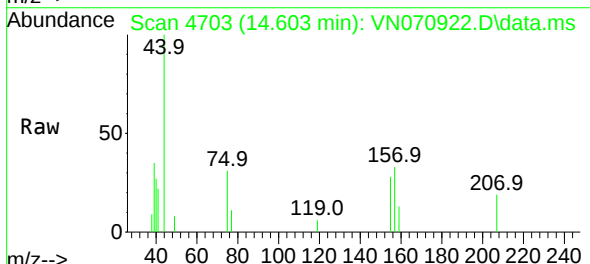
Instrument :
MSVOA_N
ClientSampleId :



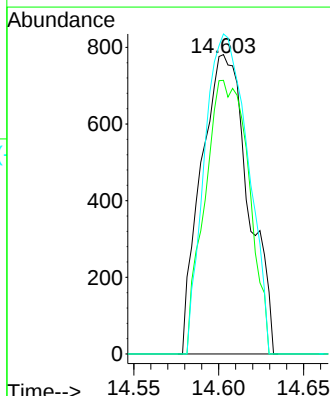
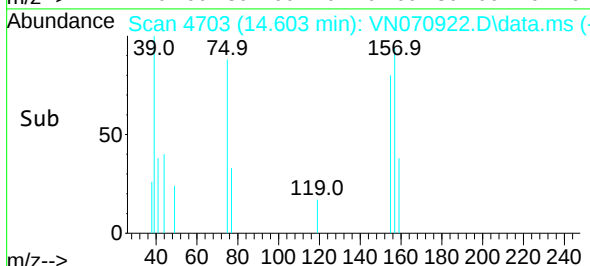
Tgt Ion:146 Resp: 5579
Ion Ratio Lower Upper
146 100
111 41.6 19.1 57.3
148 69.0 32.1 96.3

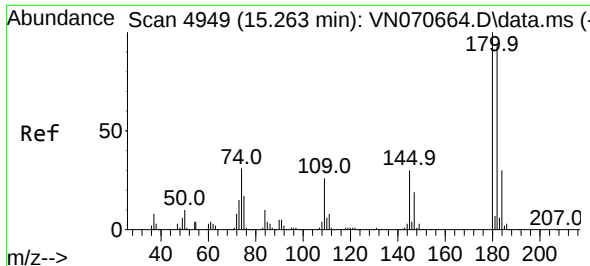


#92
1,2-Dibromo-3-Chloropropane
Concen: 0.522 ug/l
RT: 14.603 min Scan# 4703
Delta R.T. -0.000 min
Lab File: VN070922.D
Acq: 3 Feb 2022 11:37



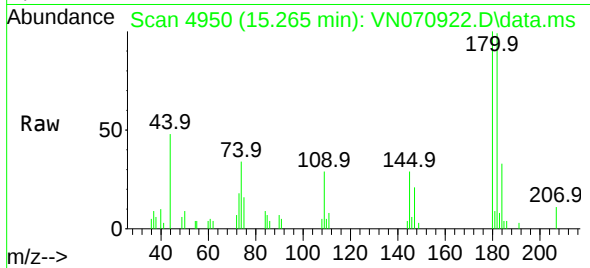
Tgt Ion: 75 Resp: 1505
Ion Ratio Lower Upper
75 100
155 85.3 46.9 140.7
157 98.5 60.6 181.7



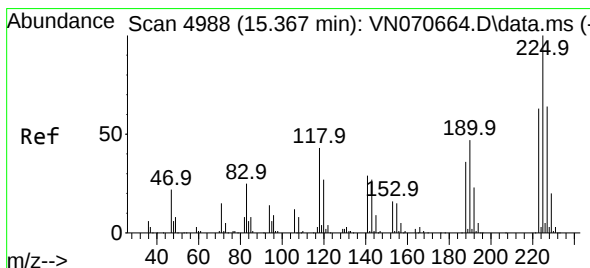
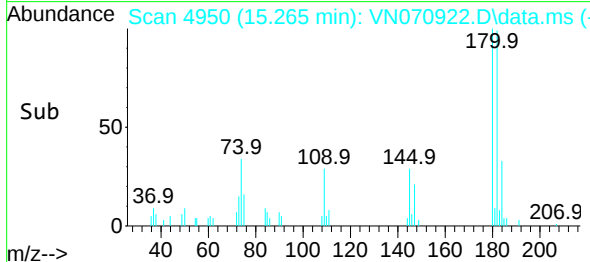
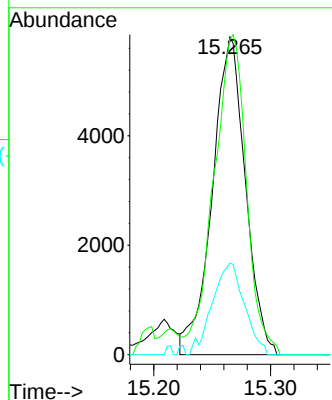


#93
 1,2,4-Trichlorobenzene
 Concen: 1.174 ug/l
 RT: 15.265 min Scan# 4949
 Delta R.T. 0.002 min
 Lab File: VN070922.D
 Acq: 3 Feb 2022 11:37

Instrument :
 MSVOA_N
 ClientSampleId :

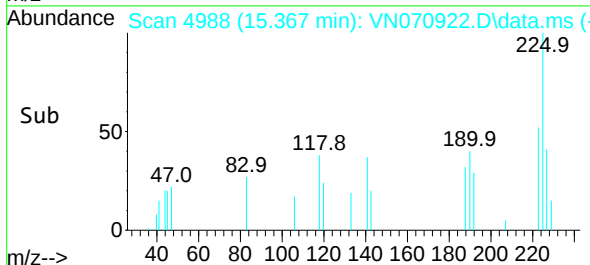
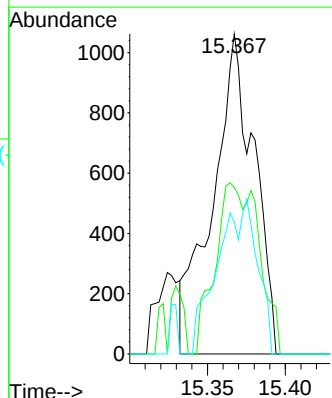
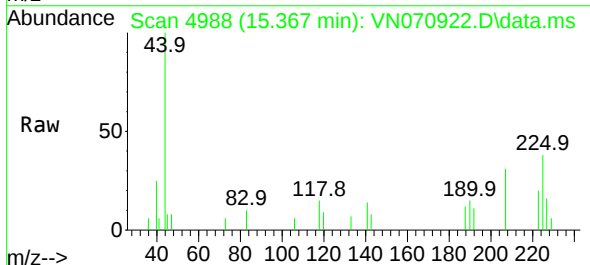


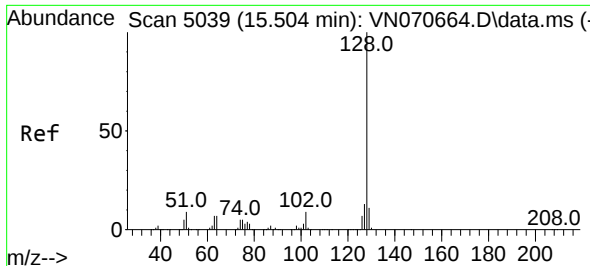
Tgt Ion:180 Resp: 11411
 Ion Ratio Lower Upper
 180 100
 182 99.5 48.3 144.9
 145 28.0 14.5 43.5



#94
 Hexachlorobutadiene
 Concen: 0.336 ug/l
 RT: 15.367 min Scan# 4988
 Delta R.T. 0.000 min
 Lab File: VN070922.D
 Acq: 3 Feb 2022 11:37

Tgt Ion:225 Resp: 1972
 Ion Ratio Lower Upper
 225 100
 223 34.9 31.9 95.7
 227 26.8 32.1 96.3#

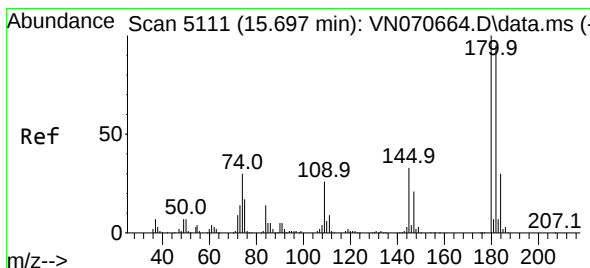
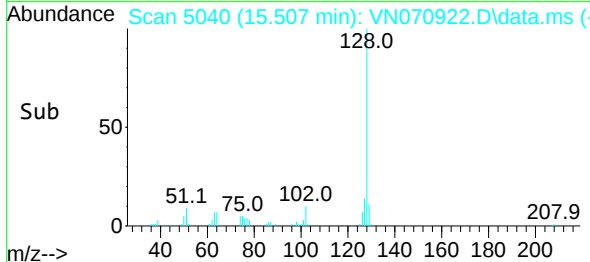
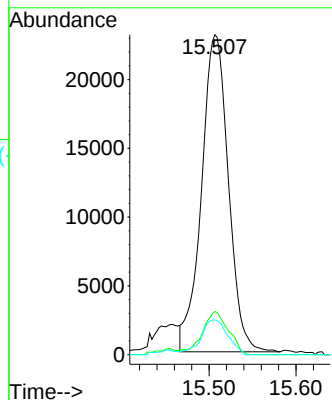
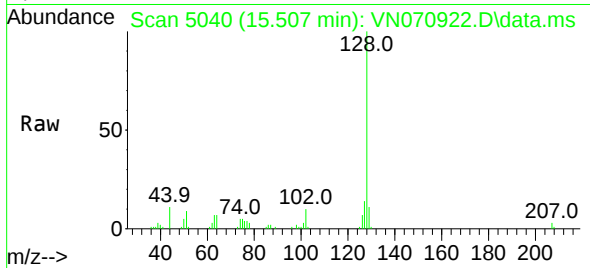




#95
Naphthalene
Concen: 5.214 ug/l
RT: 15.507 min Scan# 5039
Delta R.T. 0.003 min
Lab File: VN070922.D
Acq: 3 Feb 2022 11:37

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 49580
Ion Ratio Lower Upper
128 100
127 13.0 10.5 15.7
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 3.289 ug/l
RT: 15.702 min Scan# 5113
Delta R.T. 0.002 min
Lab File: VN070922.D
Acq: 3 Feb 2022 11:37

Tgt Ion:180 Resp: 15241
Ion Ratio Lower Upper
180 100
182 89.0 47.4 142.2
145 34.2 15.0 45.1

