

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061422\
 Data File : VN072835.D
 Acq On : 14 Jun 2022 15:00
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Jun 15 04:34:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 15 04:13:32 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	372998	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	618340	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	567226	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	225144	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	239795	41.509	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	83.020%		
35) Dibromofluoromethane	8.016	113	195125	50.969	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	101.940%		
50) Toluene-d8	10.439	98	656608	43.460	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	86.920%		
62) 4-Bromofluorobenzene	12.727	95	271552	53.544	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	107.080%		
Target Compounds						
						Qvalue
3) Chloromethane	2.293	50	1472	Below Cal		92
4) Vinyl Chloride	2.422	62	440	Below Cal	#	59
6) Chloroethane	2.963	64	481	Below Cal	#	42
11) Tert butyl alcohol	5.322	59	2057	0.294	ug/l #	72
13) Acrolein	4.034	56	541	0.824	ug/l	97
15) Acrylonitrile	5.563	53	4741	1.401	ug/l	91
16) Acetone	4.281	43	1763	0.546	ug/l #	88
17) Carbon Disulfide	4.522	76	6144	Below Cal	#	91
18) Methyl Acetate	4.857	43	4317	Below Cal	#	83
20) Methylene Chloride	5.098	84	1578	Below Cal	#	77
21) trans-1,2-Dichloroethene	5.593	96	561	Below Cal	#	39
25) 2-Butanone	7.351	43	5761	1.126	ug/l	93
27) cis-1,2-Dichloroethene	7.322	96	1198	0.252	ug/l	77
29) Tetrahydrofuran	7.698	42	2772	0.849	ug/l #	67
31) Cyclohexane	8.087	56	8826	Below Cal	#	11
36) 1,1-Dichloropropene	8.216	75	1413	0.276	ug/l #	67
37) Ethyl Acetate	7.351	43	5761	0.668	ug/l #	67
38) Carbon Tetrachloride	8.081	117	38906	7.623	ug/l #	16
41) Methacrylonitrile	7.628	41	1010	0.228	ug/l #	62
42) 1,2-Dichloroethane	8.516	62	1514	0.242	ug/l #	74
46) Dibromomethane	9.581	93	759	0.262	ug/l #	84
48) Methyl methacrylate	9.563	41	1237	0.204	ug/l #	58
49) 1,4-Dioxane	9.586	88	669	5.444	ug/l #	44
51) 4-Methyl-2-Pentanone	10.333	43	6165	0.708	ug/l	97
53) t-1,3-Dichloropropene	10.716	75	1305	0.221	ug/l #	84
58) 2-Chloroethyl Vinyl ether	10.051	63	889	0.295	ug/l #	71
59) 2-Hexanone	11.080	43	14696	2.247	ug/l	88
65) Chlorobenzene	11.763	112	2894	0.259	ug/l	98
68) m/p-Xylenes	11.939	106	2879	0.403	ug/l	92
70) Styrene	12.292	104	3192	0.280	ug/l	90
71) Bromoform	12.463	173	734	0.237	ug/l #	95
74) N-amyl acetate	12.386	43	7520	0.753	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.822	83	2011	0.258	ug/l	93
76) 1,2,3-Trichloropropane	12.727	75	141718	21.822	ug/l #	1
77) Bromobenzene	12.869	156	1984	0.423	ug/l	93
78) n-propylbenzene	12.922	91	6261	0.277	ug/l	92

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061422\
 Data File : VN072835.D
 Acq On : 14 Jun 2022 15:00
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Jun 15 04:34:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 15 04:13:32 2022
 Response via : Initial Calibration

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

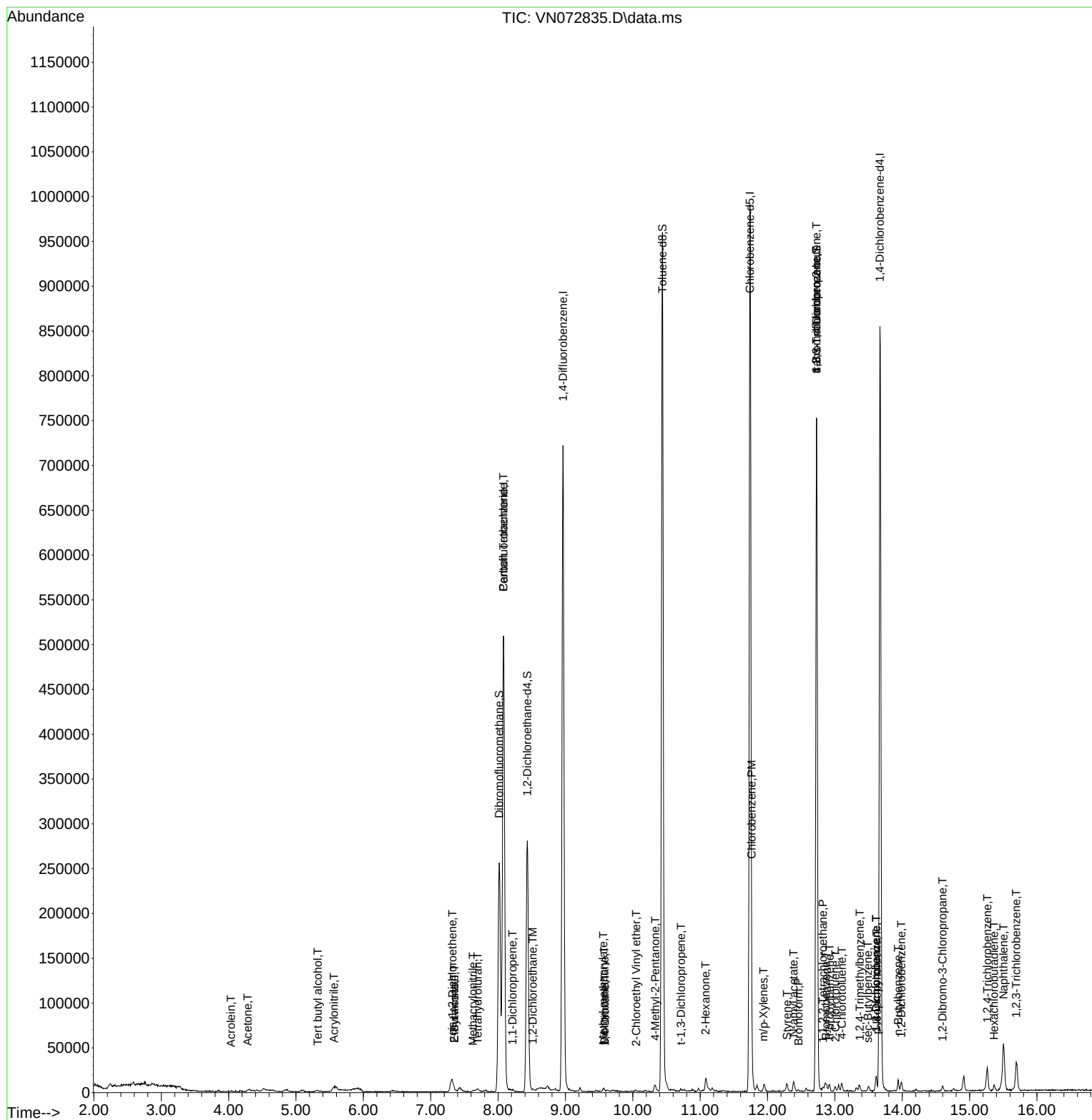
79) 2-Chlorotoluene	13.010	91	3835	0.260	ug/l	88
81) trans-1,4-Dichloro-2-b...	12.727	75	141718	67.865	ug/l #	10
82) 4-Chlorotoluene	13.104	91	6835	0.507	ug/l	92
84) 1,2,4-Trimethylbenzene	13.369	105	4232	0.266	ug/l	87
85) sec-Butylbenzene	13.492	105	5109	0.257	ug/l	93
86) p-Isopropyltoluene	13.621	119	4126	0.267	ug/l	94
87) 1,3-Dichlorobenzene	13.616	146	4901	0.642	ug/l	99
88) 1,4-Dichlorobenzene	13.616	146	4901	0.634	ug/l	97
89) n-Butylbenzene	13.939	91	7389	0.594	ug/l	96
91) 1,2-Dichlorobenzene	13.986	146	4101	0.524	ug/l	93
92) 1,2-Dibromo-3-Chloropr...	14.598	75	1498	0.961	ug/l	88
93) 1,2,4-Trichlorobenzene	15.263	180	10137	2.740	ug/l	96
94) Hexachlorobutadiene	15.363	225	1383	0.811	ug/l	93
95) Naphthalene	15.504	128	59692	4.215	ug/l #	93
96) 1,2,3-Trichlorobenzene	15.692	180	13862	3.647	ug/l	96

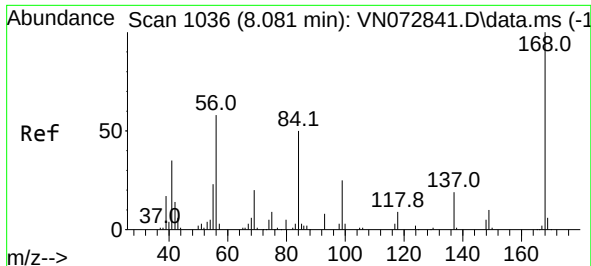
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061422\
 Data File : VN072835.D
 Acq On : 14 Jun 2022 15:00
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

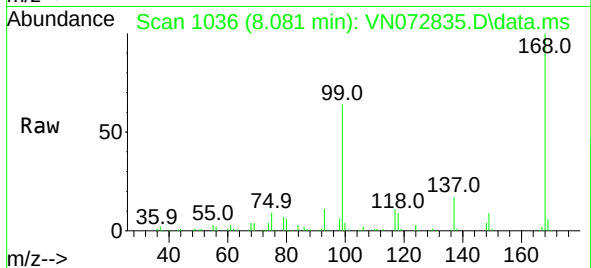
Quant Time: Jun 15 04:34:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 15 04:13:32 2022
 Response via : Initial Calibration



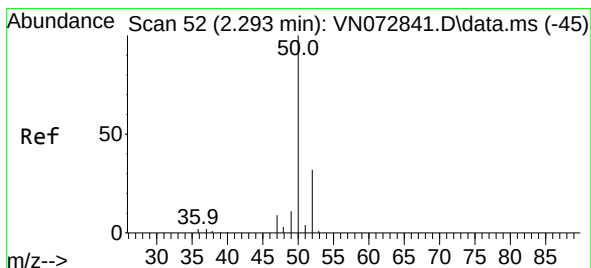
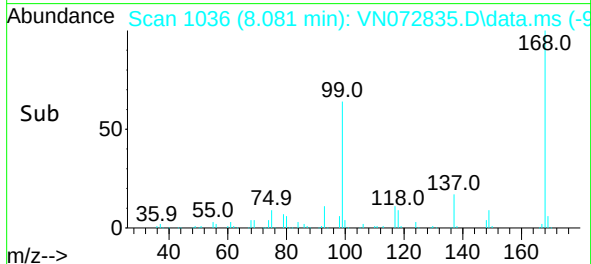
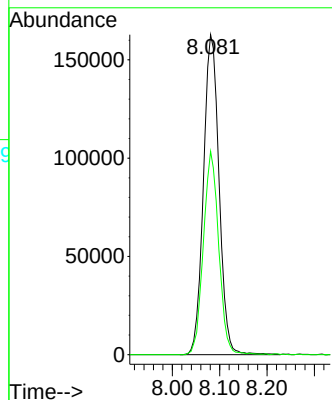


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN072835.D
Acq: 14 Jun 2022 15:00

Instrument :
MSVOA_N
ClientSampleId :
IBLK

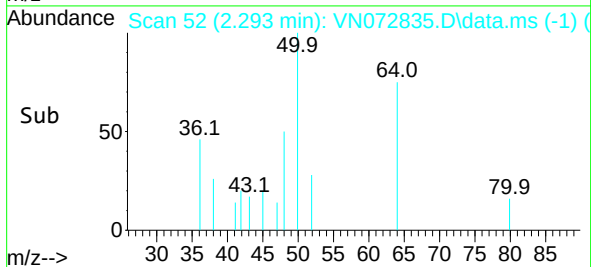
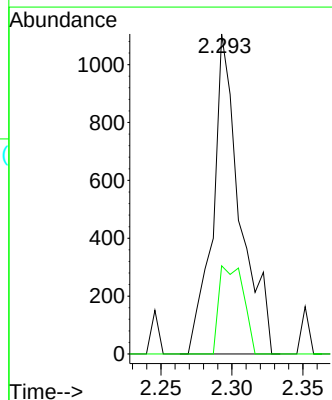
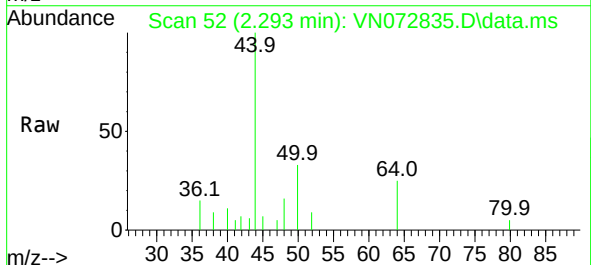


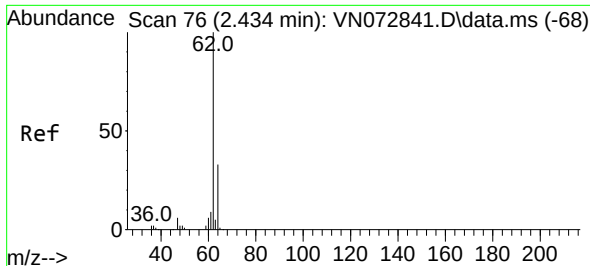
Tgt Ion:168 Resp: 372998
Ion Ratio Lower Upper
168 100
99 63.5 42.3 63.5#



#3
Chloromethane
Concen: Below Cal
RT: 2.293 min Scan# 52
Delta R.T. -0.000 min
Lab File: VN072835.D
Acq: 14 Jun 2022 15:00

Tgt Ion: 50 Resp: 1472
Ion Ratio Lower Upper
50 100
52 27.6 25.7 38.5

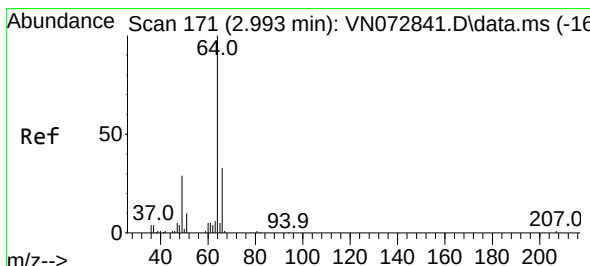
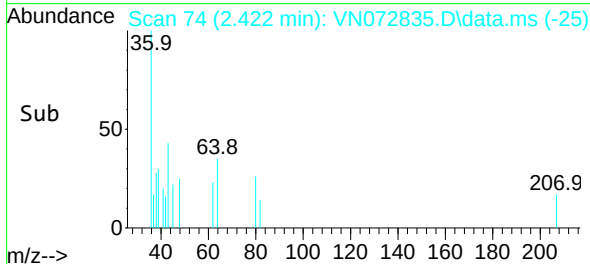
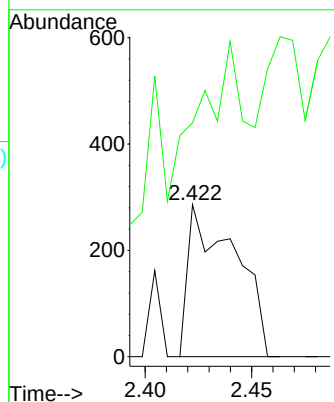
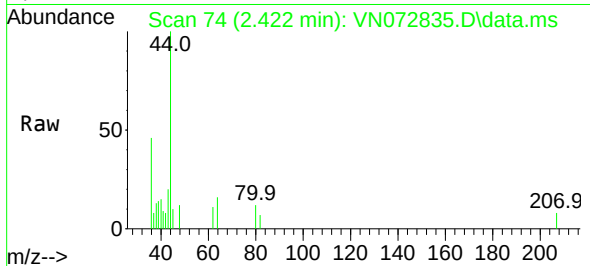




#4
 Vinyl Chloride
 Concen: Below Cal
 RT: 2.422 min Scan# 74
 Delta R.T. -0.012 min
 Lab File: VN072835.D
 Acq: 14 Jun 2022 15:00

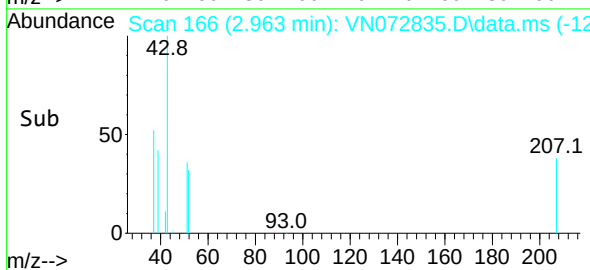
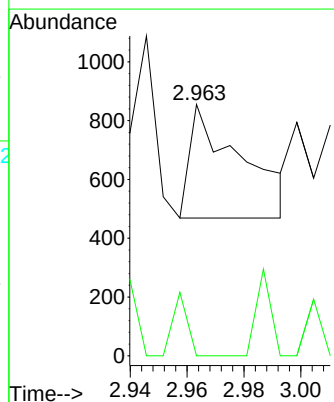
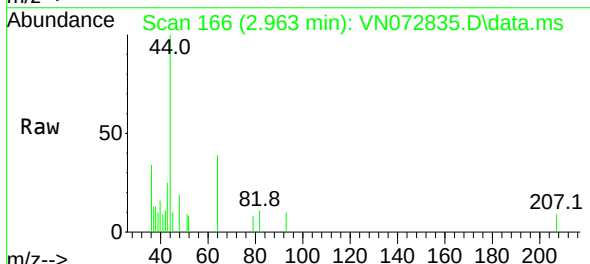
Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

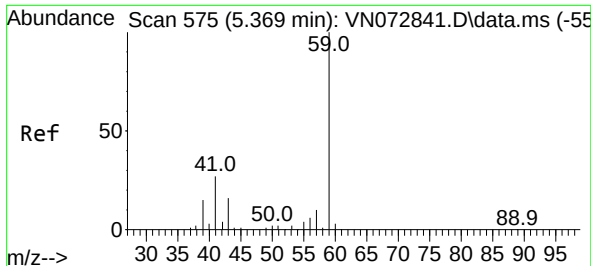
Tgt Ion: 62 Resp: 440
 Ion Ratio Lower Upper
 62 100
 64 8.4 25.0 37.4#



#6
 Chloroethane
 Concen: Below Cal
 RT: 2.963 min Scan# 166
 Delta R.T. -0.030 min
 Lab File: VN072835.D
 Acq: 14 Jun 2022 15:00

Tgt Ion: 64 Resp: 481
 Ion Ratio Lower Upper
 64 100
 66 0.0 26.2 39.4#

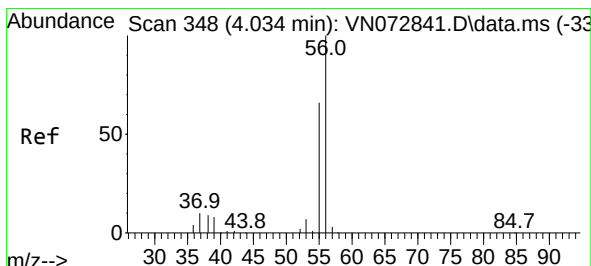
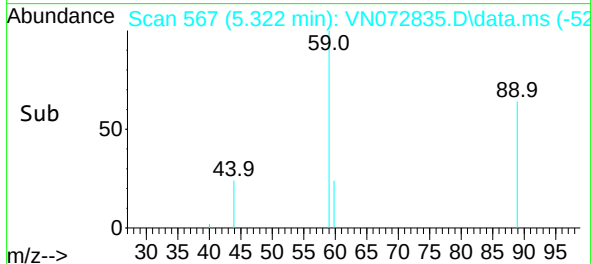
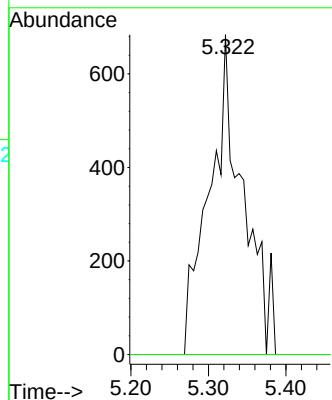
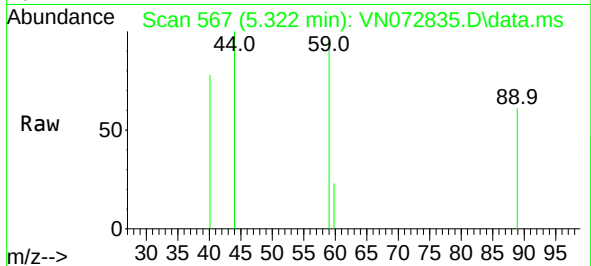




#11
Tert butyl alcohol
Concen: 0.294 ug/l
RT: 5.322 min Scan# 507
Delta R.T. -0.047 min
Lab File: VN072835.D
Acq: 14 Jun 2022 15:00

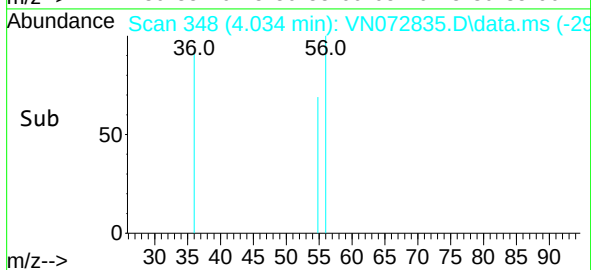
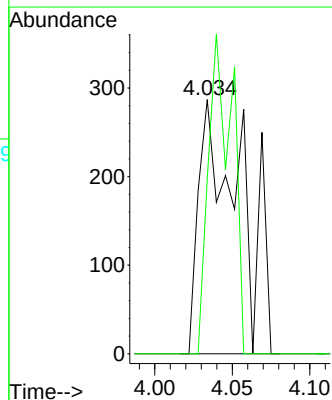
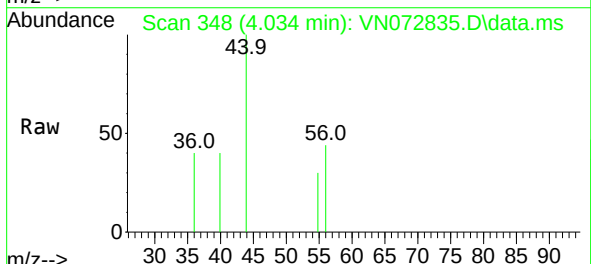
Instrument :
MSVOA_N
ClientSampleId :
IBLK

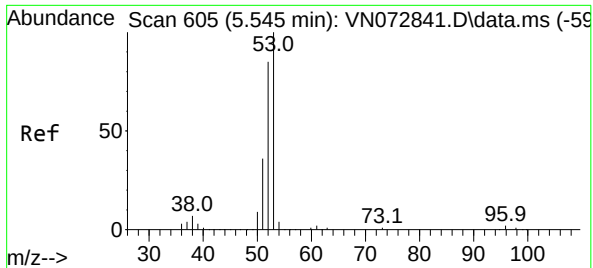
Tgt Ion: 59 Resp: 2057
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#13
Acrolein
Concen: 0.824 ug/l
RT: 4.034 min Scan# 348
Delta R.T. -0.000 min
Lab File: VN072835.D
Acq: 14 Jun 2022 15:00

Tgt Ion: 56 Resp: 541
Ion Ratio Lower Upper
56 100
55 71.2 54.8 82.2

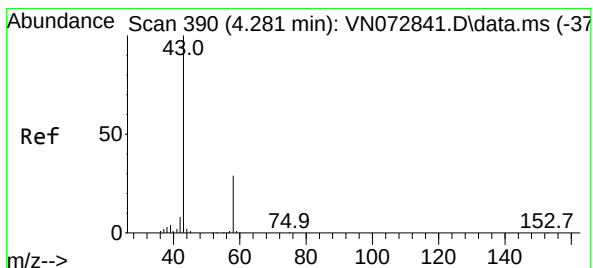
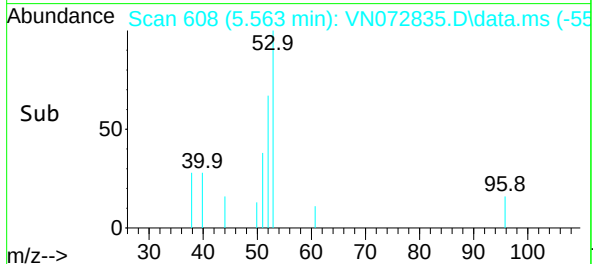
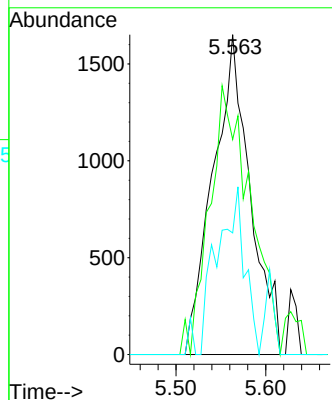
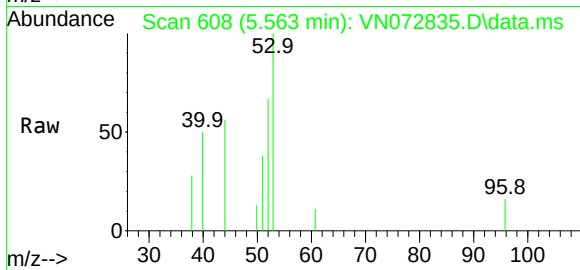




#15
 Acrylonitrile
 Concen: 1.401 ug/l
 RT: 5.563 min Scan# 605
 Delta R.T. 0.018 min
 Lab File: VN072835.D
 Acq: 14 Jun 2022 15:00

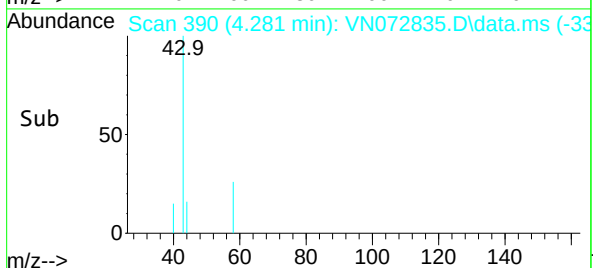
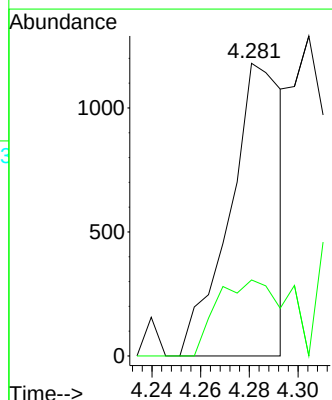
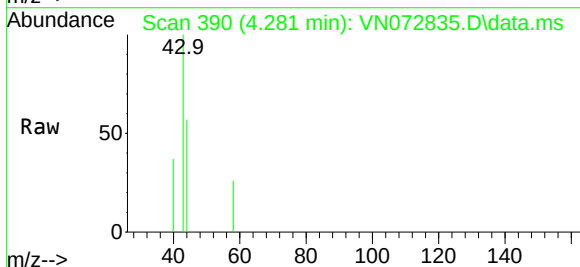
Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

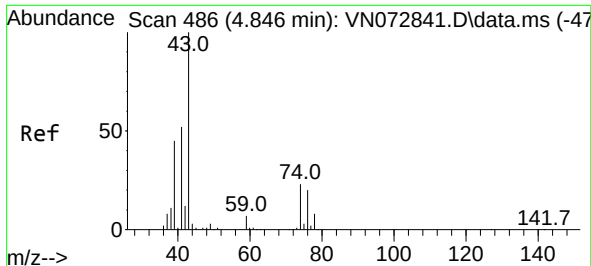
Tgt Ion: 53	Resp:	4741	
Ion	Ratio	Lower	Upper
53	100		
52	92.4	66.4	99.6
51	38.8	28.5	42.7



#16
 Acetone
 Concen: 0.546 ug/l
 RT: 4.281 min Scan# 390
 Delta R.T. -0.000 min
 Lab File: VN072835.D
 Acq: 14 Jun 2022 15:00

Tgt Ion: 43	Resp:	1763	
Ion	Ratio	Lower	Upper
43	100		
58	25.9	26.0	39.0#

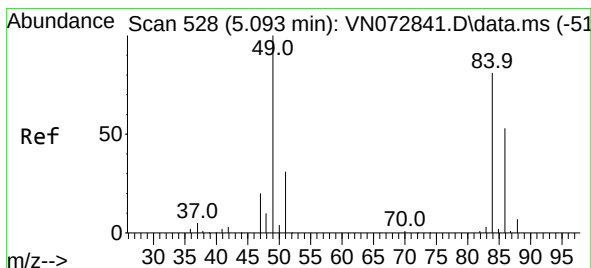
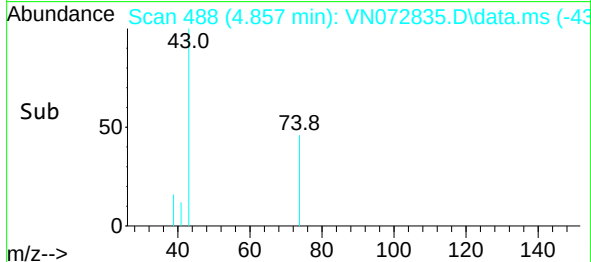
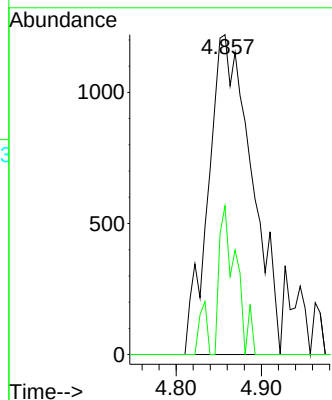
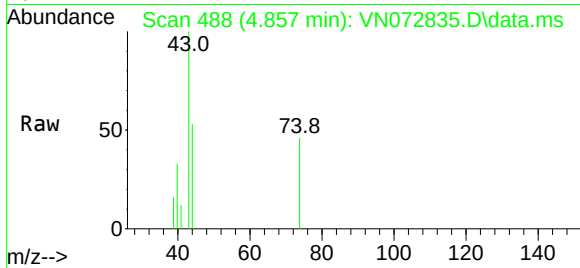




#18
Methyl Acetate
Concen: Below Cal
RT: 4.857 min Scan# 488
Delta R.T. 0.011 min
Lab File: VN072835.D
Acq: 14 Jun 2022 15:00

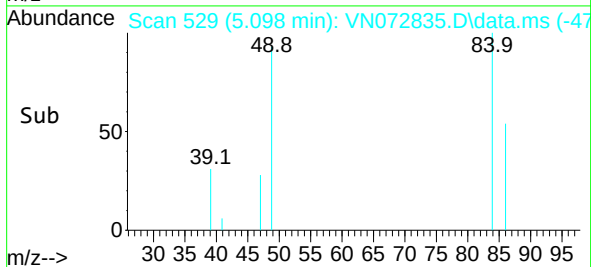
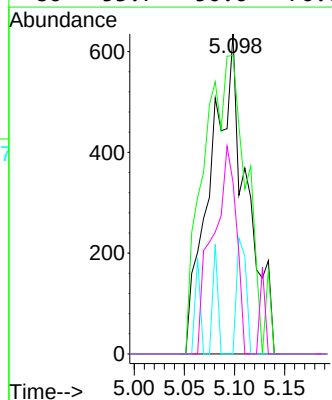
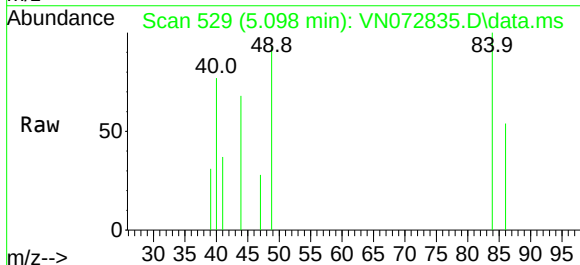
Instrument :
MSVOA_N
ClientSampleId :
IBLK

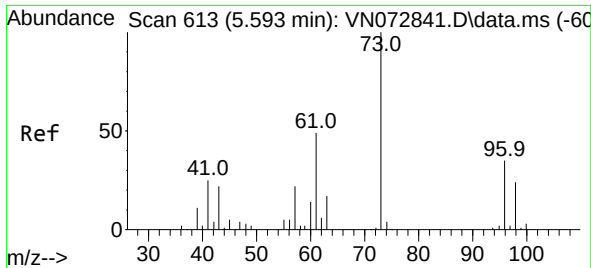
Tgt Ion: 43 Resp: 4317
Ion Ratio Lower Upper
43 100
74 18.2 21.6 32.4#



#20
Methylene Chloride
Concen: Below Cal
RT: 5.098 min Scan# 529
Delta R.T. 0.005 min
Lab File: VN072835.D
Acq: 14 Jun 2022 15:00

Tgt Ion: 84 Resp: 1578
Ion Ratio Lower Upper
84 100
49 93.2 88.3 132.5
51 0.0 28.2 42.2#
86 53.7 50.6 76.0

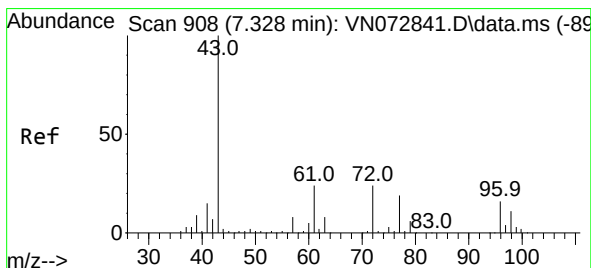
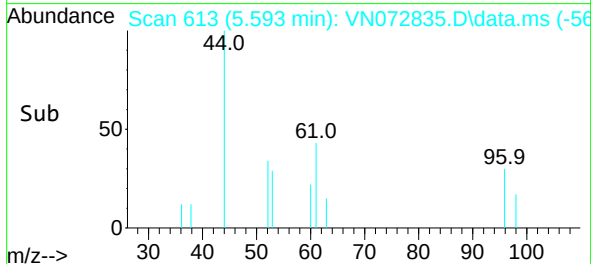
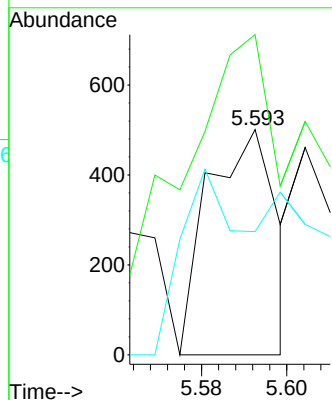
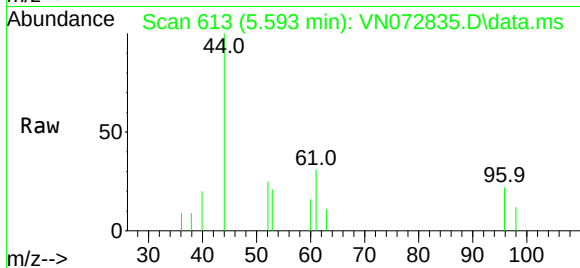




#21
trans-1,2-Dichloroethene
Concen: Below Cal
RT: 5.593 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN072835.D
Acq: 14 Jun 2022 15:00

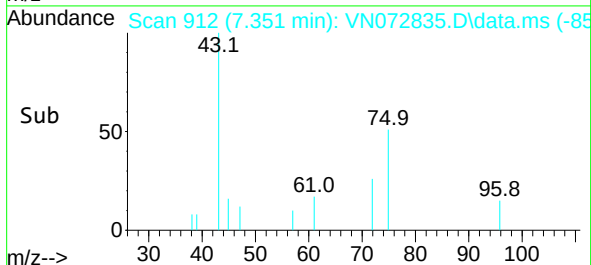
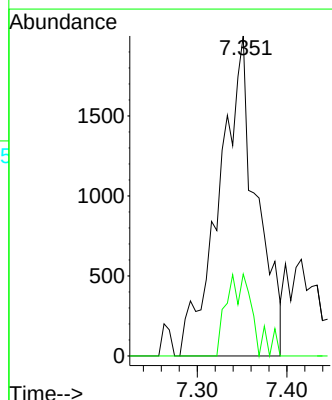
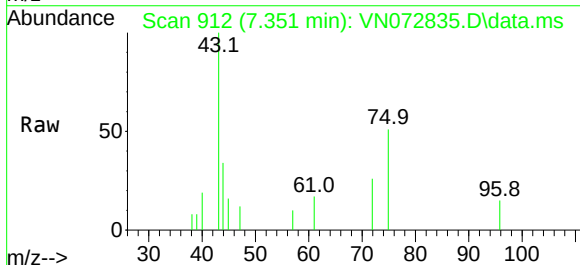
Instrument :
MSVOA_N
ClientSampleId :
IBLK

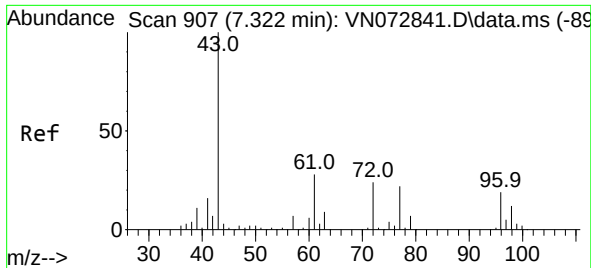
Tgt Ion: 96 Resp: 561
Ion Ratio Lower Upper
96 100
61 68.9 105.8 158.8#
98 3.4 50.3 75.5#



#25
2-Butanone
Concen: 1.126 ug/l
RT: 7.351 min Scan# 912
Delta R.T. 0.023 min
Lab File: VN072835.D
Acq: 14 Jun 2022 15:00

Tgt Ion: 43 Resp: 5761
Ion Ratio Lower Upper
43 100
72 25.6 23.7 35.5

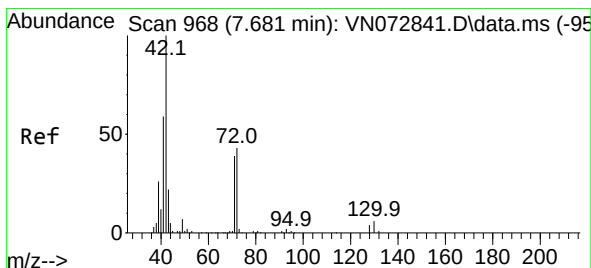
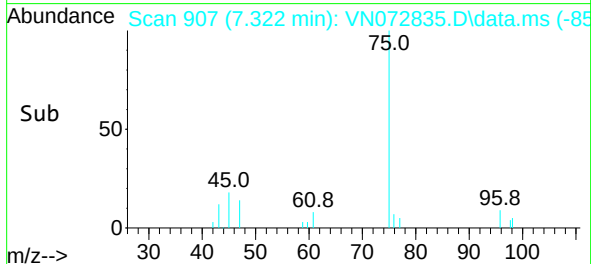
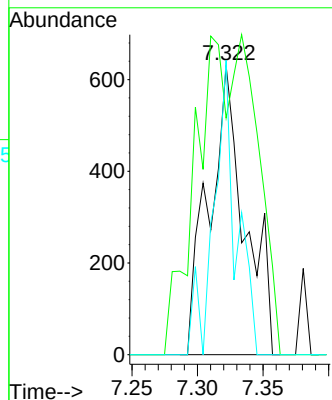
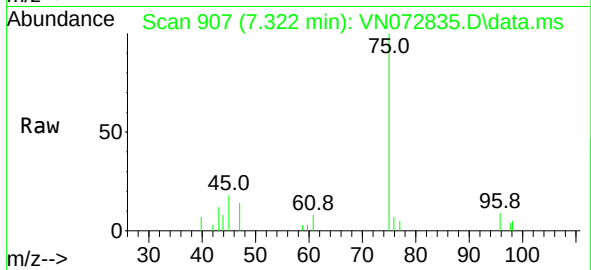




#27
 cis-1,2-Dichloroethene
 Concen: 0.252 ug/l
 RT: 7.322 min Scan# 907
 Delta R.T. -0.000 min
 Lab File: VN072835.D
 Acq: 14 Jun 2022 15:00

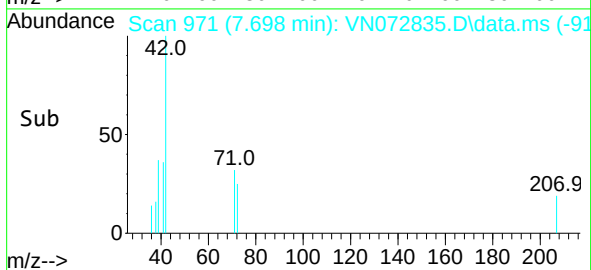
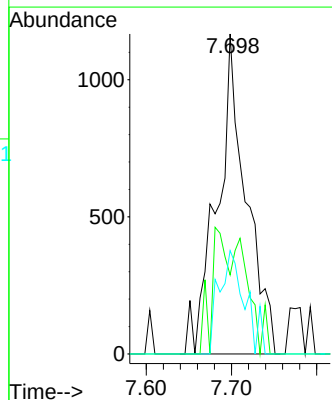
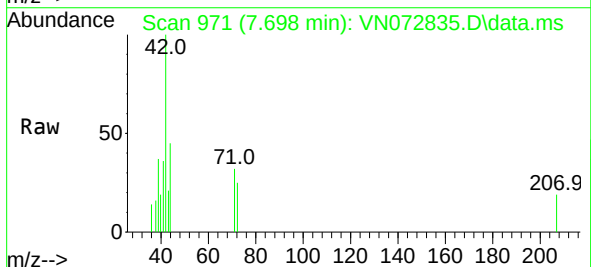
Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

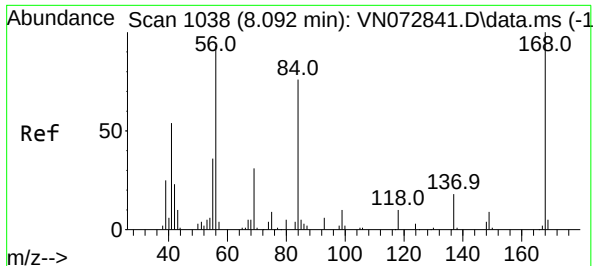
Tgt Ion: 96 Resp: 1198
 Ion Ratio Lower Upper
 96 100
 61 99.2 0.0 280.6
 98 63.9 0.0 128.4



#29
 Tetrahydrofuran
 Concen: 0.849 ug/l
 RT: 7.698 min Scan# 971
 Delta R.T. 0.017 min
 Lab File: VN072835.D
 Acq: 14 Jun 2022 15:00

Tgt Ion: 42 Resp: 2772
 Ion Ratio Lower Upper
 42 100
 72 23.1 39.7 59.5#
 71 28.5 36.6 55.0#





#31

Cyclohexane

Concen: Below Cal

RT: 8.087 min Scan# 1037

Delta R.T. -0.005 min

Lab File: VN072835.D

Acq: 14 Jun 2022 15:00

Instrument :

MSVOA_N

ClientSampleId :

IBLK

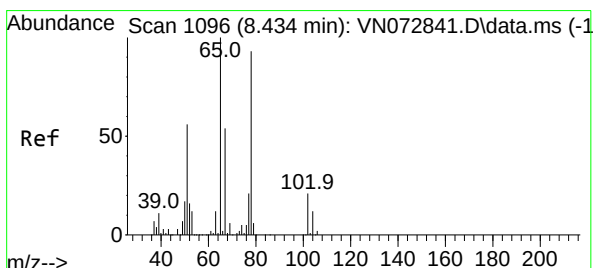
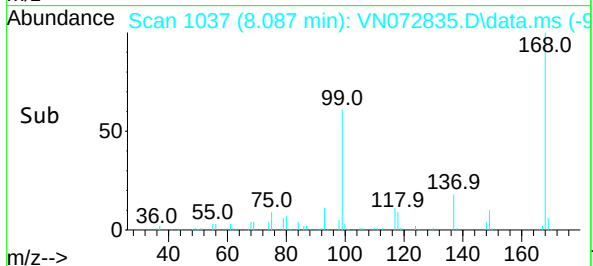
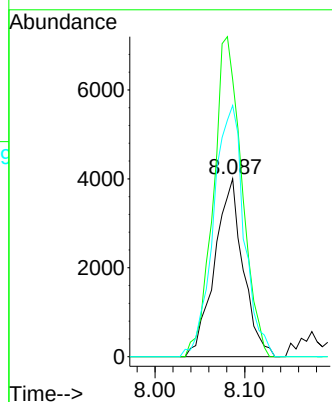
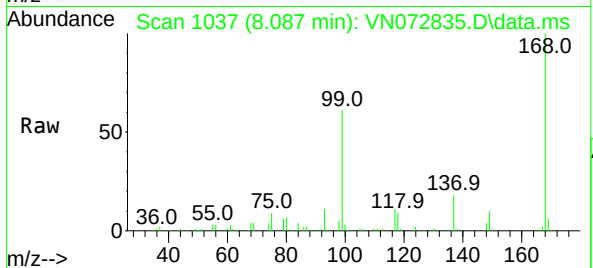
Tgt Ion: 56 Resp: 8826

Ion Ratio Lower Upper

56 100

69 155.7 27.8 41.8#

84 141.1 76.9 115.3#



#33

1,2-Dichloroethane-d4

Concen: 41.509 ug/l

RT: 8.434 min Scan# 1096

Delta R.T. -0.000 min

Lab File: VN072835.D

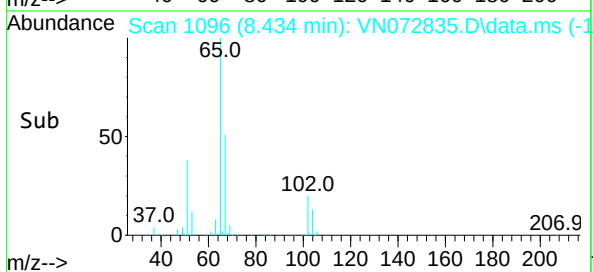
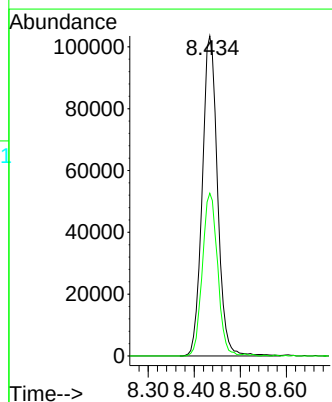
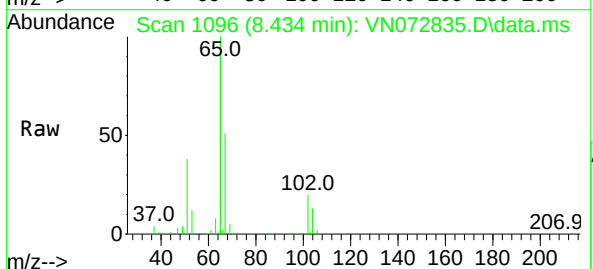
Acq: 14 Jun 2022 15:00

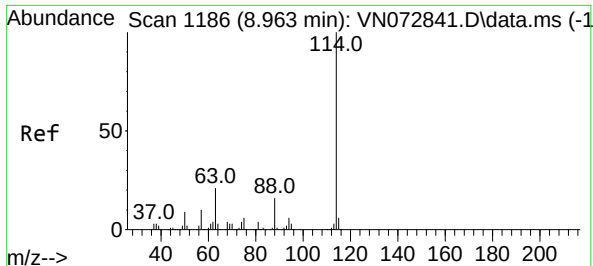
Tgt Ion: 65 Resp: 239795

Ion Ratio Lower Upper

65 100

67 50.5 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: VN072835.D

Acq: 14 Jun 2022 15:00

Instrument :

MSVOA_N

ClientSampleId :

IBLK

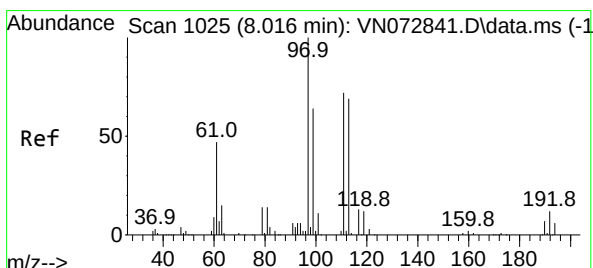
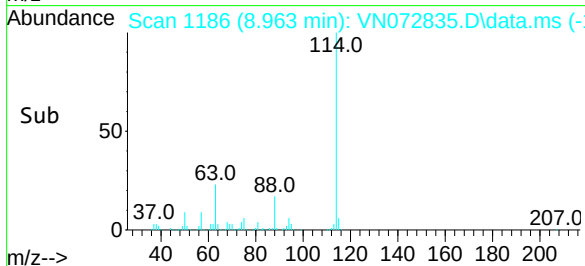
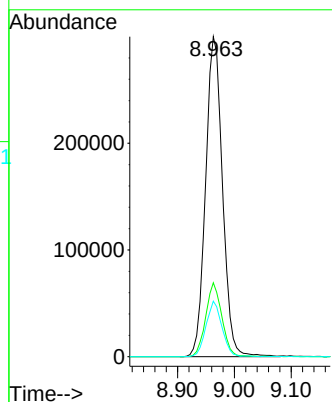
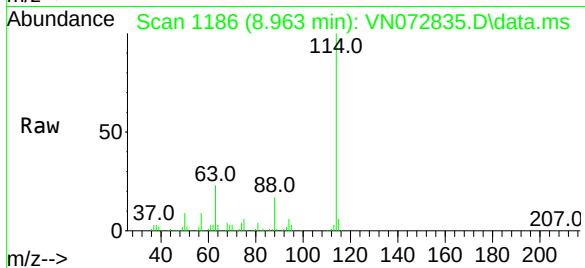
Tgt Ion:114 Resp: 618340

Ion Ratio Lower Upper

114 100

63 23.1 0.0 40.0

88 17.4 0.0 32.6



#35

Dibromofluoromethane

Concen: 50.969 ug/l

RT: 8.016 min Scan# 1025

Delta R.T. -0.000 min

Lab File: VN072835.D

Acq: 14 Jun 2022 15:00

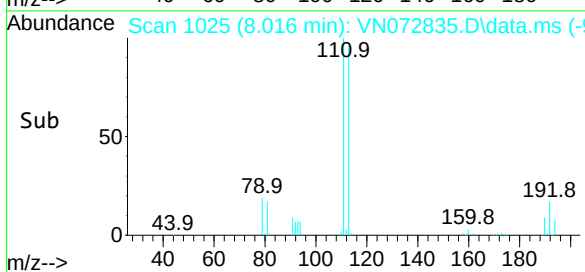
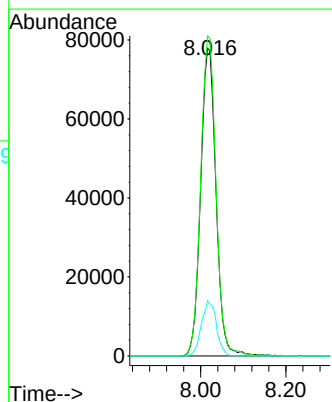
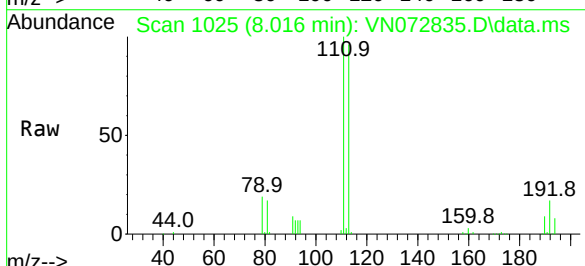
Tgt Ion:113 Resp: 195125

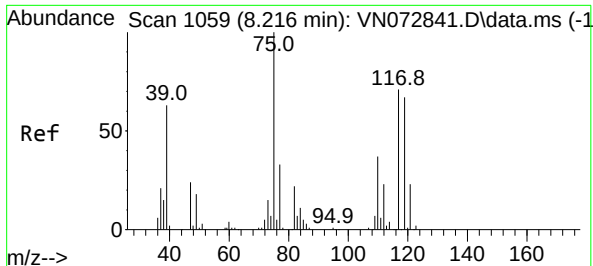
Ion Ratio Lower Upper

113 100

111 103.5 81.4 122.0

192 17.4 17.0 25.6

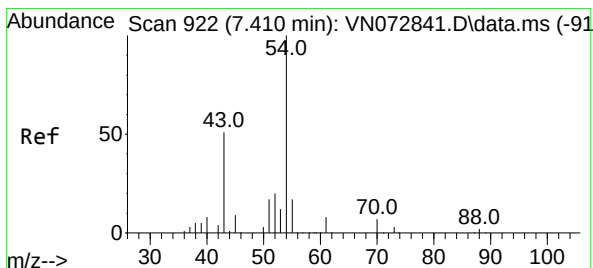
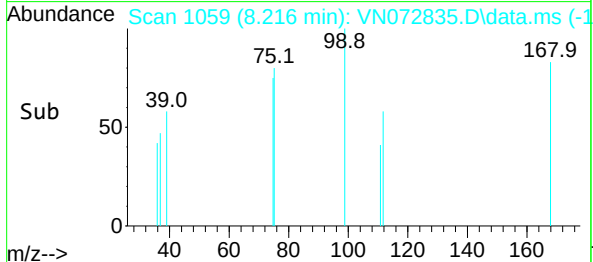
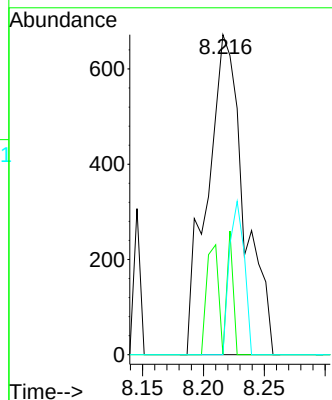
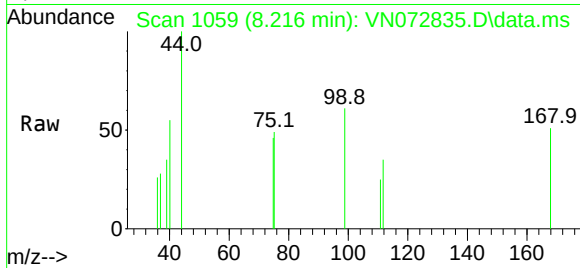




#36
1,1-Dichloropropene
Concen: 0.276 ug/l
RT: 8.216 min Scan# 1059
Delta R.T. -0.000 min
Lab File: VN072835.D
Acq: 14 Jun 2022 15:00

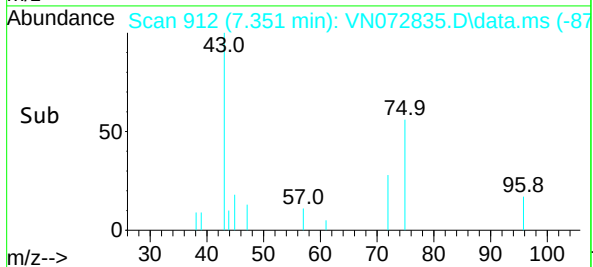
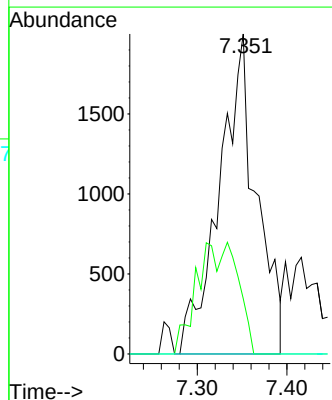
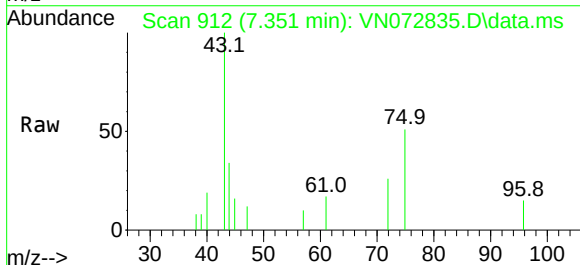
Instrument :
MSVOA_N
ClientSampleId :
IBLK

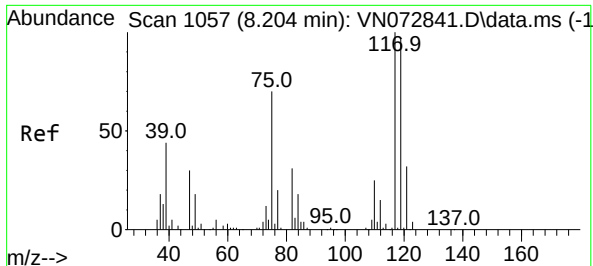
Tgt Ion: 75 Resp: 1413
Ion Ratio Lower Upper
75 100
110 11.0 18.3 54.8#
77 19.2 25.1 37.7#



#37
Ethyl Acetate
Concen: 0.668 ug/l
RT: 7.351 min Scan# 912
Delta R.T. -0.059 min
Lab File: VN072835.D
Acq: 14 Jun 2022 15:00

Tgt Ion: 43 Resp: 5761
Ion Ratio Lower Upper
43 100
61 0.0 11.8 17.6#
70 0.0 9.3 13.9#

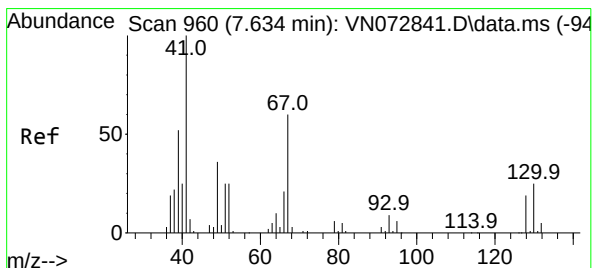
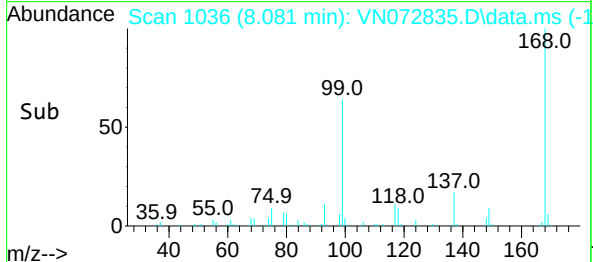
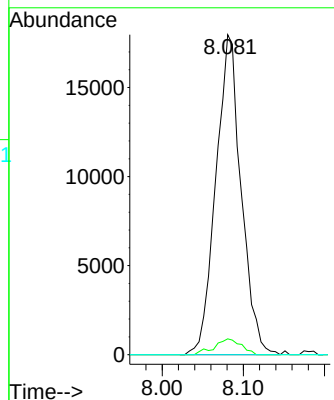
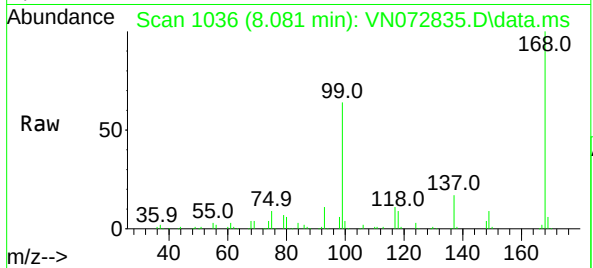




#38
Carbon Tetrachloride
Concen: 7.623 ug/l
RT: 8.081 min Scan# 1057
Delta R.T. -0.123 min
Lab File: VN072835.D
Acq: 14 Jun 2022 15:00

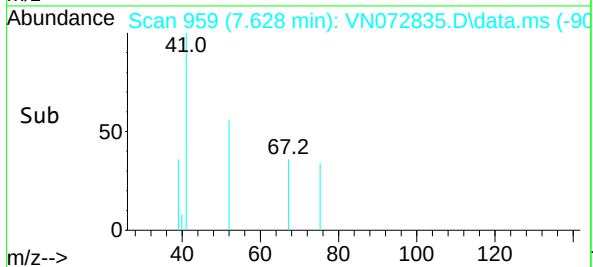
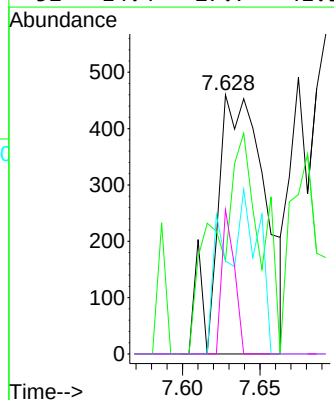
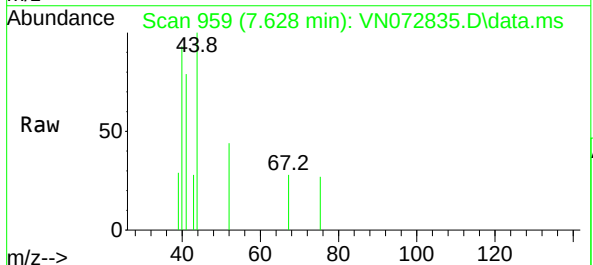
Instrument :
MSVOA_N
ClientSampleId :
IBLK

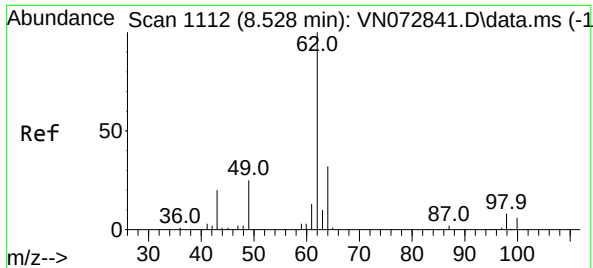
Tgt Ion:117 Resp: 38906
Ion Ratio Lower Upper
117 100
119 5.0 75.8 113.8#
121 0.0 24.6 37.0#



#41
Methacrylonitrile
Concen: 0.228 ug/l
RT: 7.628 min Scan# 959
Delta R.T. -0.006 min
Lab File: VN072835.D
Acq: 14 Jun 2022 15:00

Tgt Ion: 41 Resp: 1010
Ion Ratio Lower Upper
41 100
39 77.0 48.6 73.0#
67 44.7 73.4 110.2#
52 14.4 27.7 41.5#





#42

1,2-Dichloroethane

Concen: 0.242 ug/l

RT: 8.516 min Scan# 1110

Delta R.T. -0.012 min

Lab File: VN072835.D

Acq: 14 Jun 2022 15:00

Instrument :

MSVOA_N

ClientSampleId :

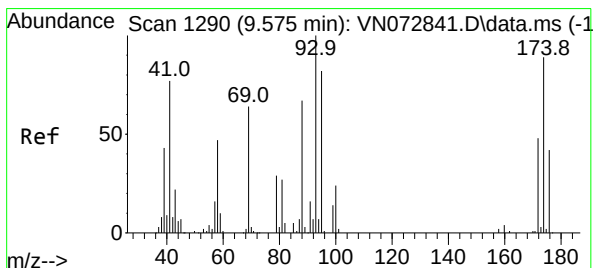
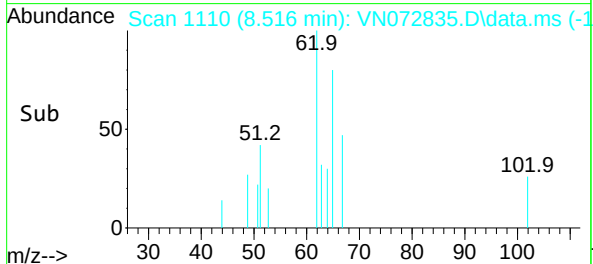
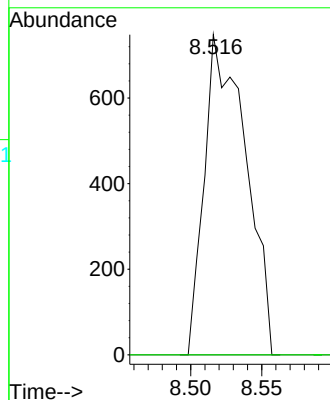
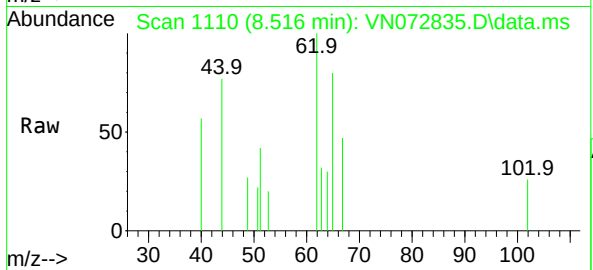
IBLK

Tgt Ion: 62 Resp: 1514

Ion Ratio Lower Upper

62 100

98 0.0 0.0 19.4



#46

Dibromomethane

Concen: 0.262 ug/l

RT: 9.581 min Scan# 1291

Delta R.T. 0.006 min

Lab File: VN072835.D

Acq: 14 Jun 2022 15:00

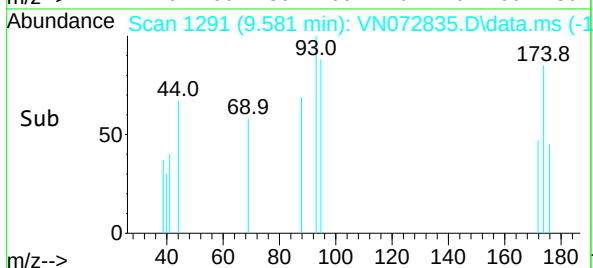
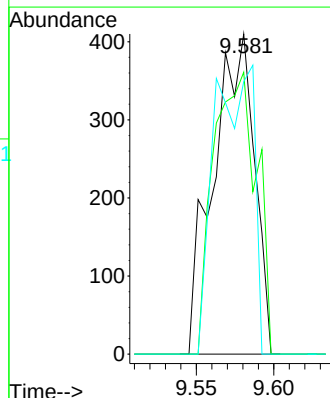
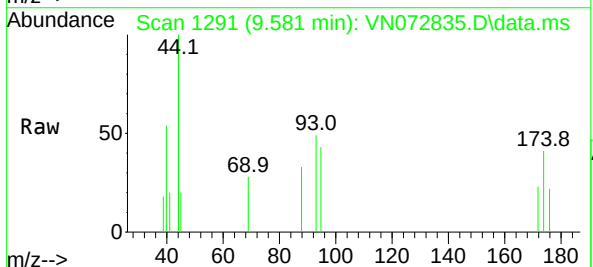
Tgt Ion: 93 Resp: 759

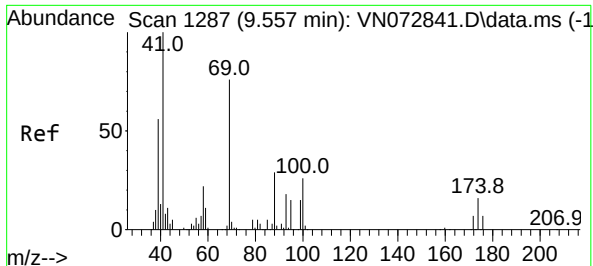
Ion Ratio Lower Upper

93 100

95 91.7 66.9 100.3

174 86.2 86.6 130.0#





#48

Methyl methacrylate

Concen: 0.204 ug/l

RT: 9.563 min Scan# 1237

Delta R.T. 0.006 min

Lab File: VN072835.D

Acq: 14 Jun 2022 15:00

Instrument :

MSVOA_N

ClientSampleId :

IBLK

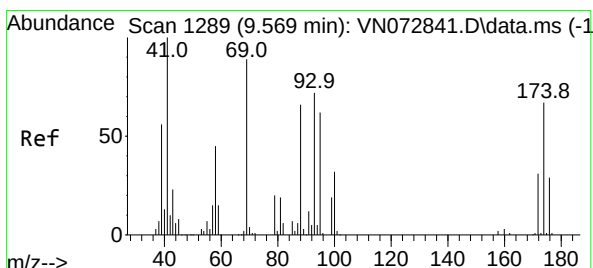
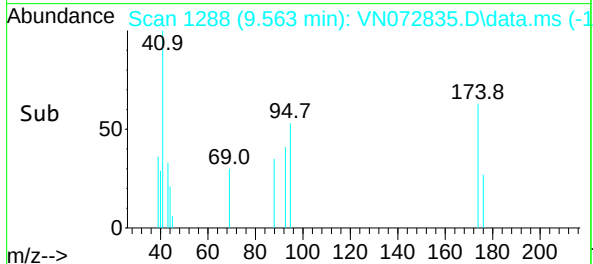
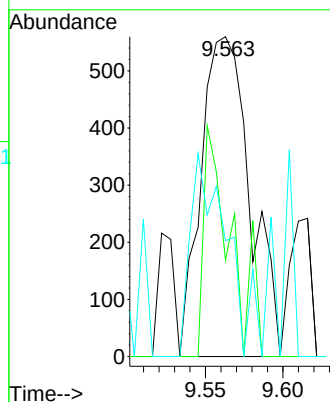
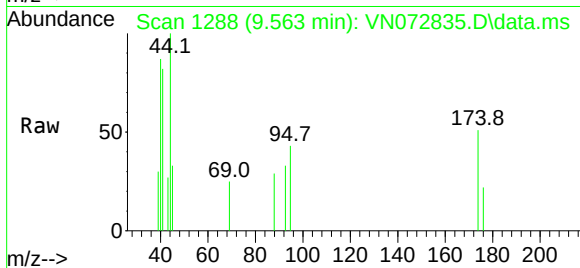
Tgt Ion: 41 Resp: 1237

Ion Ratio Lower Upper

41 100

69 39.5 74.7 112.1#

39 43.2 45.6 68.4#



#49

1,4-Dioxane

Concen: 5.444 ug/l

RT: 9.586 min Scan# 1292

Delta R.T. 0.017 min

Lab File: VN072835.D

Acq: 14 Jun 2022 15:00

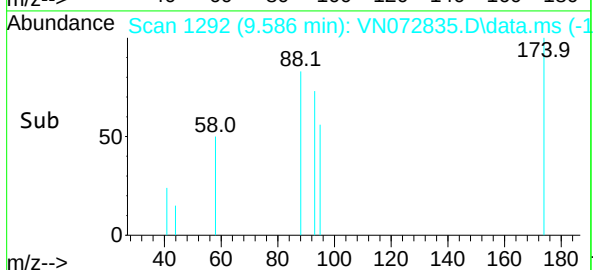
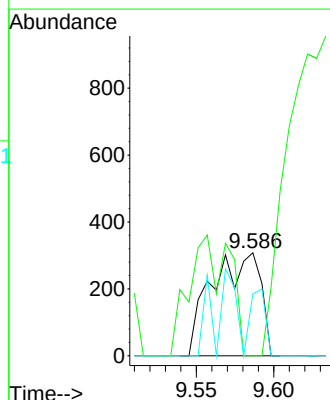
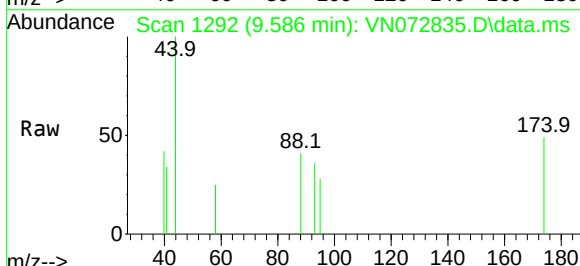
Tgt Ion: 88 Resp: 669

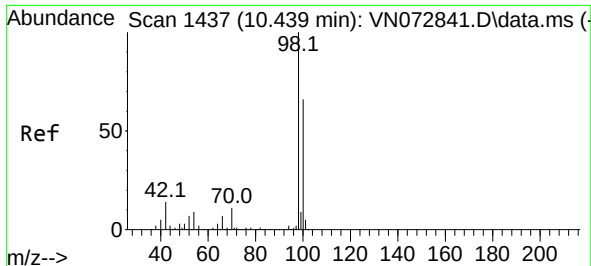
Ion Ratio Lower Upper

88 100

43 0.0 20.2 30.4#

58 20.3 54.2 81.4#

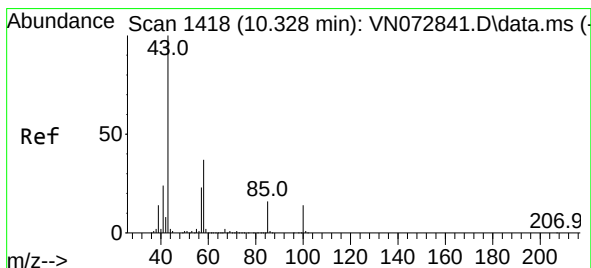
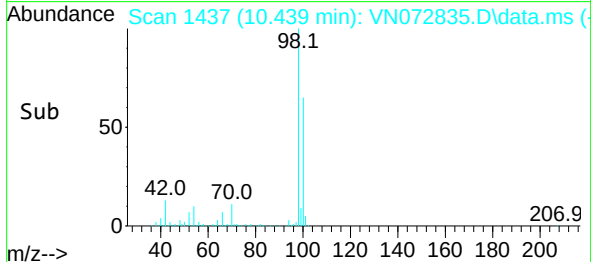
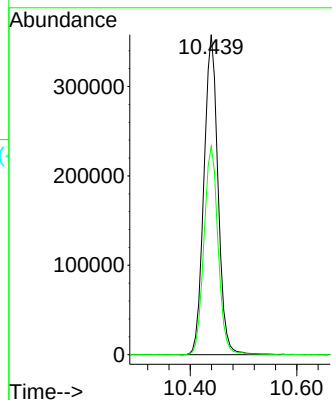
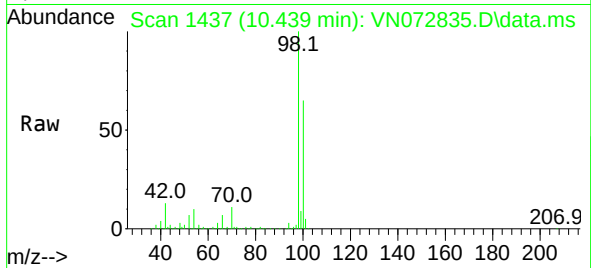




#50
Toluene-d8
Concen: 43.460 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072835.D
Acq: 14 Jun 2022 15:00

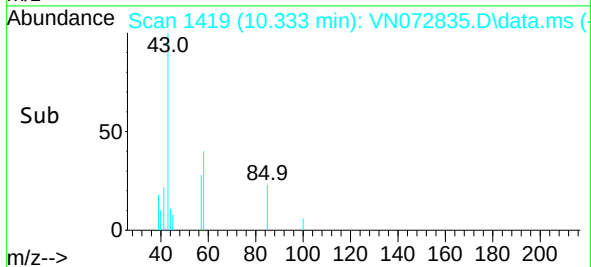
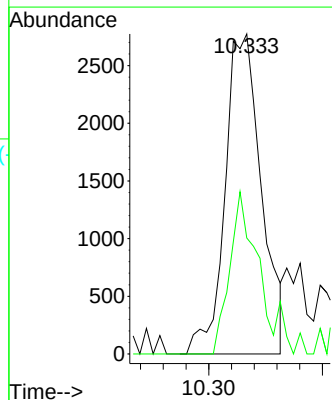
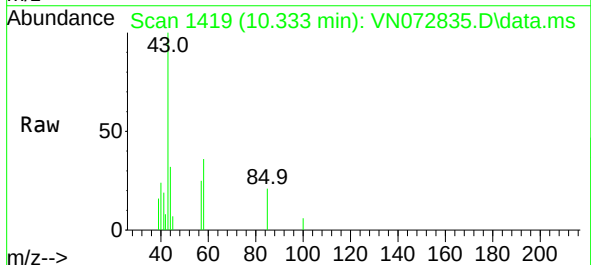
Instrument :
MSVOA_N
ClientSampleId :
IBLK

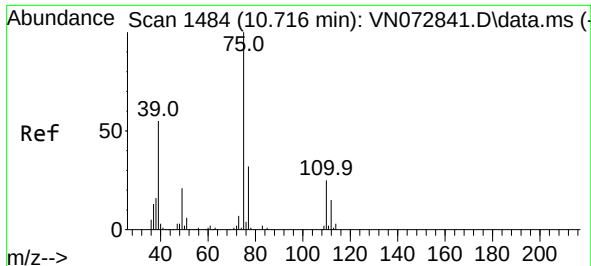
Tgt Ion: 98 Resp: 656608
Ion Ratio Lower Upper
98 100
100 65.6 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.708 ug/l
RT: 10.333 min Scan# 1419
Delta R.T. 0.005 min
Lab File: VN072835.D
Acq: 14 Jun 2022 15:00

Tgt Ion: 43 Resp: 6165
Ion Ratio Lower Upper
43 100
58 40.7 34.1 51.1

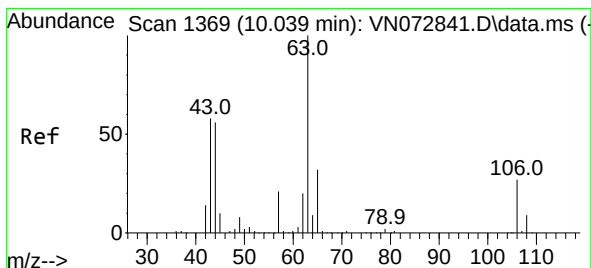
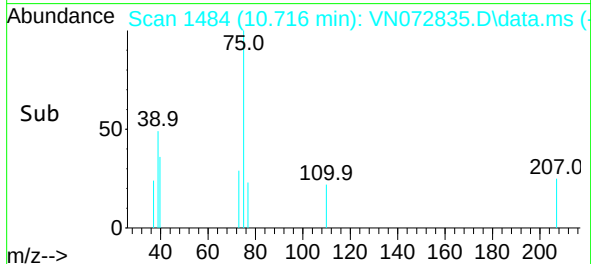
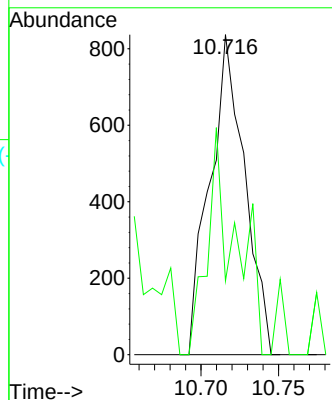
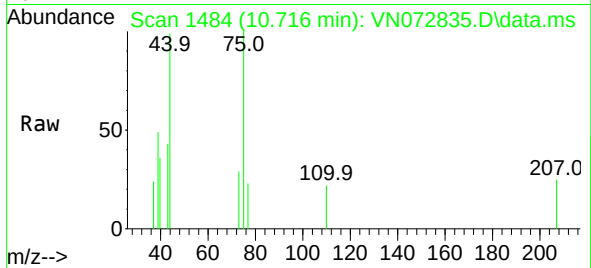




#53
t-1,3-Dichloropropene
Concen: 0.221 ug/l
RT: 10.716 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VN072835.D
Acq: 14 Jun 2022 15:00

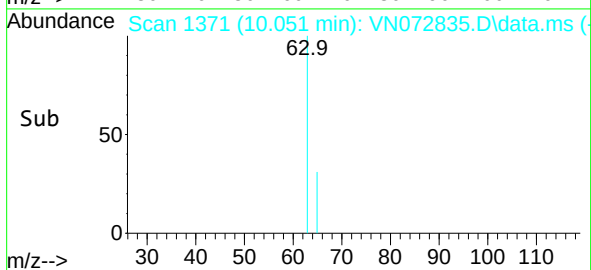
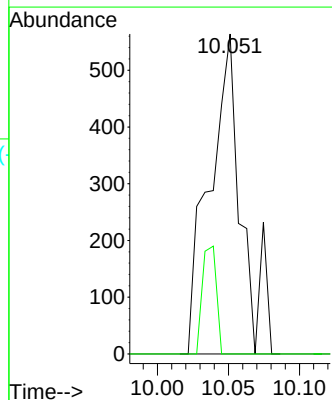
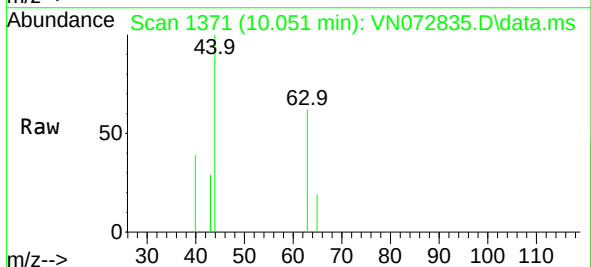
Instrument : MSVOA_N
ClientSampleId : IBLK

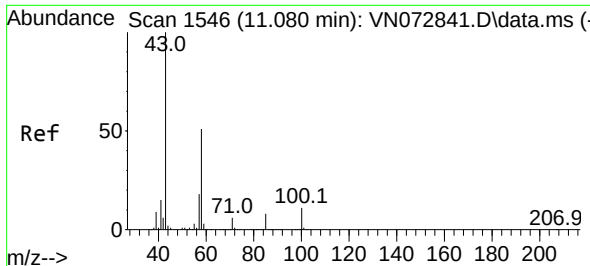
Tgt Ion: 75 Resp: 1305
Ion Ratio Lower Upper
75 100
77 23.1 25.6 38.4#



#58
2-Chloroethyl Vinyl ether
Concen: 0.295 ug/l
RT: 10.051 min Scan# 1371
Delta R.T. 0.012 min
Lab File: VN072835.D
Acq: 14 Jun 2022 15:00

Tgt Ion: 63 Resp: 889
Ion Ratio Lower Upper
63 100
106 14.7 24.6 36.8#

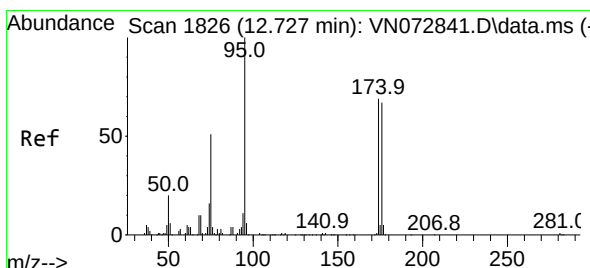
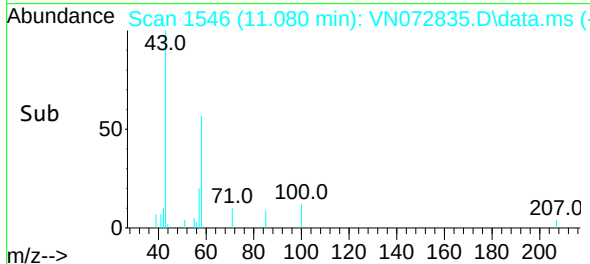
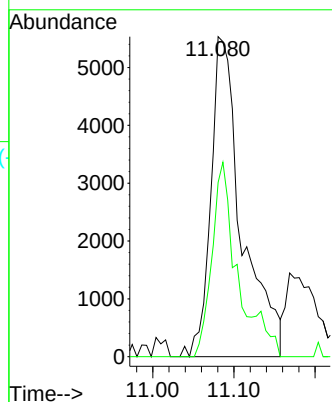
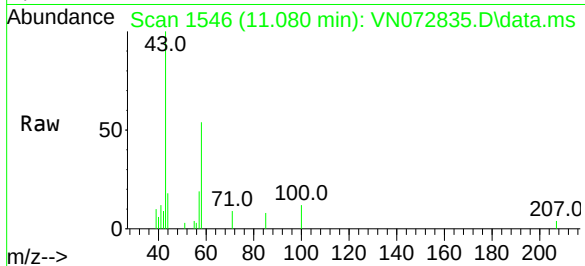




#59
2-Hexanone
Concen: 2.247 ug/l
RT: 11.080 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN072835.D
Acq: 14 Jun 2022 15:00

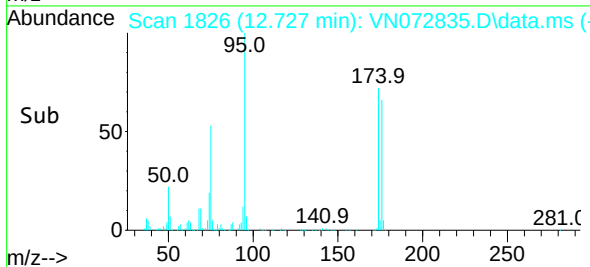
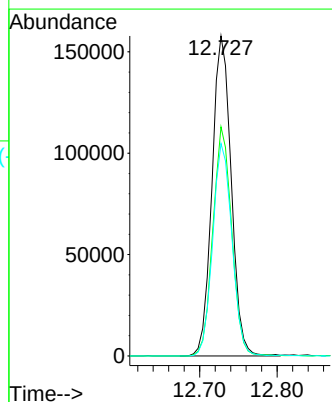
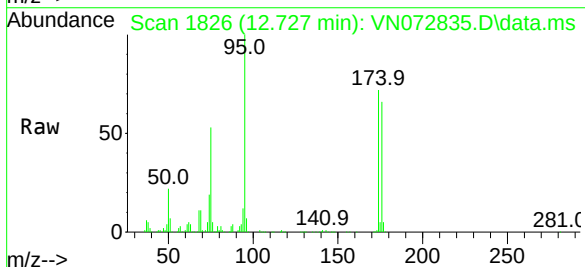
Instrument :
MSVOA_N
ClientSampleId :
IBLK

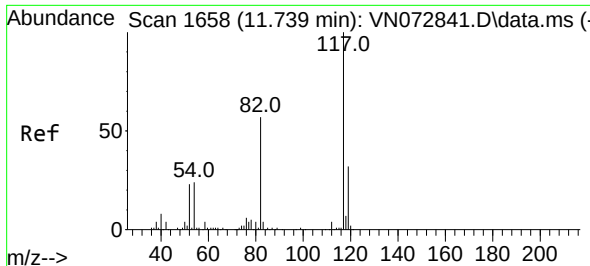
Tgt Ion: 43 Resp: 14696
Ion Ratio Lower Upper
43 100
58 50.5 29.7 89.1



#62
4-Bromofluorobenzene
Concen: 53.544 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072835.D
Acq: 14 Jun 2022 15:00

Tgt Ion: 95 Resp: 271552
Ion Ratio Lower Upper
95 100
174 70.4 0.0 167.6
176 66.6 0.0 163.4

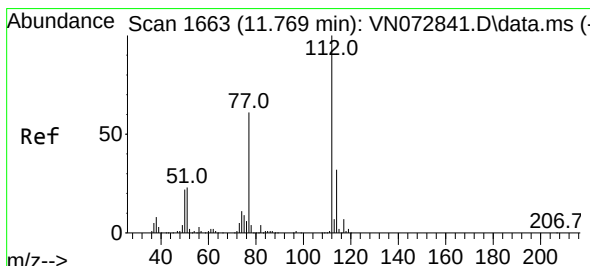
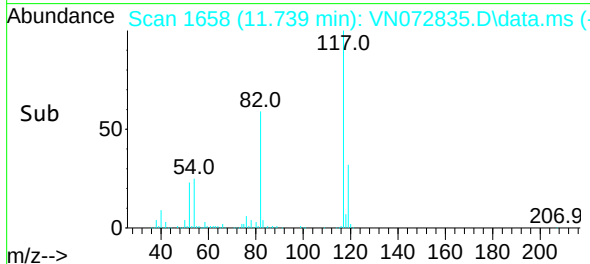
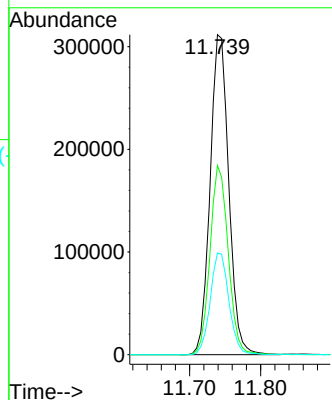
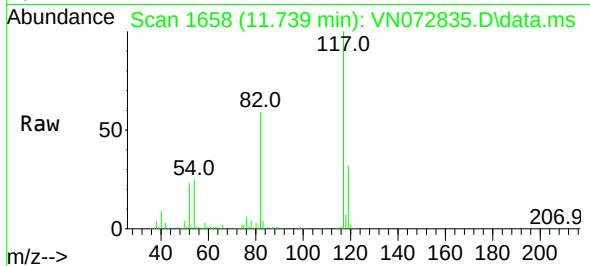




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VN072835.D
Acq: 14 Jun 2022 15:00

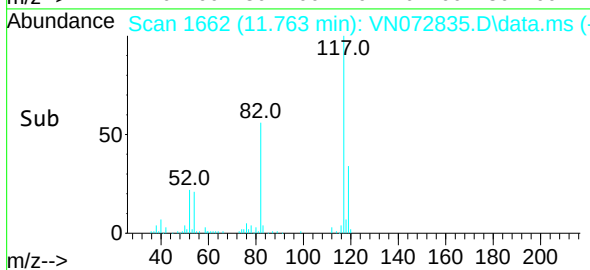
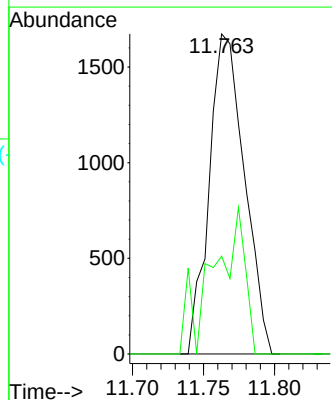
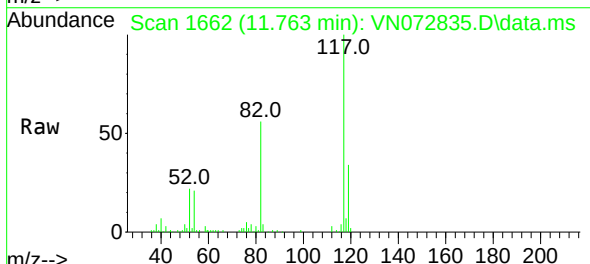
Instrument :
MSVOA_N
ClientSampleId :
IBLK

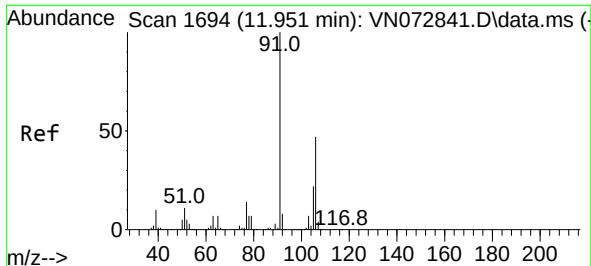
Tgt Ion:117 Resp: 567226
Ion Ratio Lower Upper
117 100
82 59.1 44.2 66.2
119 31.8 25.4 38.0



#65
Chlorobenzene
Concen: 0.259 ug/l
RT: 11.763 min Scan# 1662
Delta R.T. -0.006 min
Lab File: VN072835.D
Acq: 14 Jun 2022 15:00

Tgt Ion:112 Resp: 2894
Ion Ratio Lower Upper
112 100
114 30.5 25.4 38.2

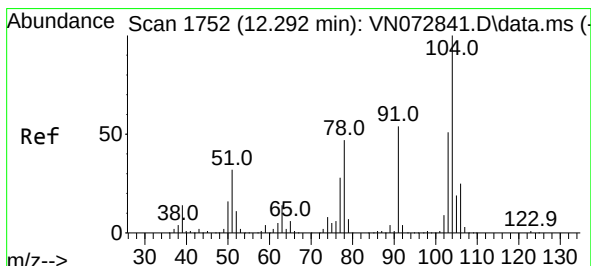
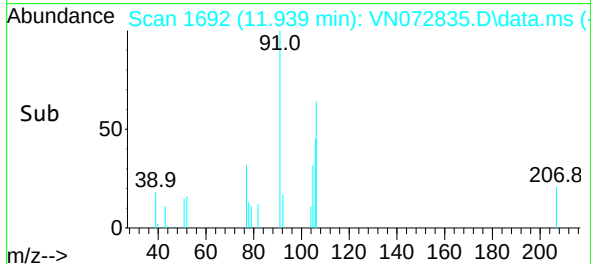
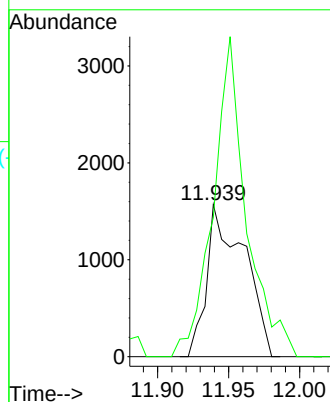
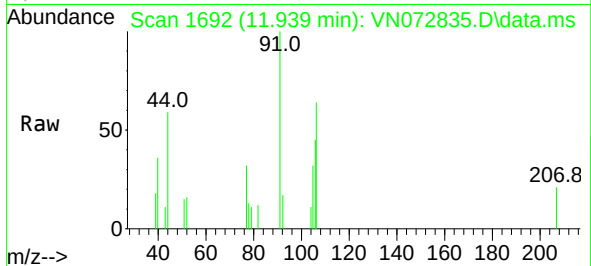




#68
m/p-Xylenes
Concen: 0.403 ug/l
RT: 11.939 min Scan# 1692
Delta R.T. -0.012 min
Lab File: VN072835.D
Acq: 14 Jun 2022 15:00

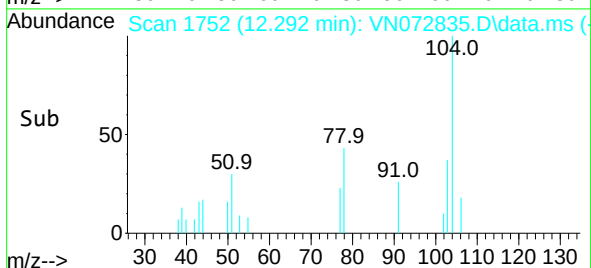
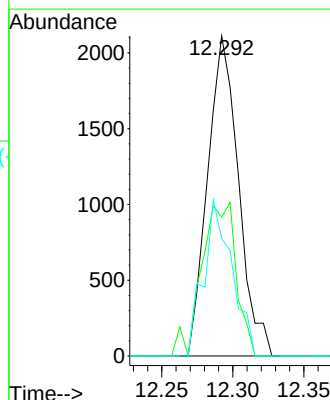
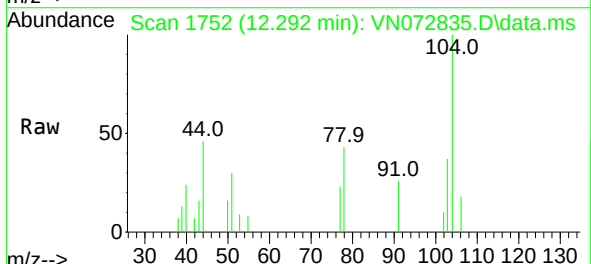
Instrument :
MSVOA_N
ClientSampleId :
IBLK

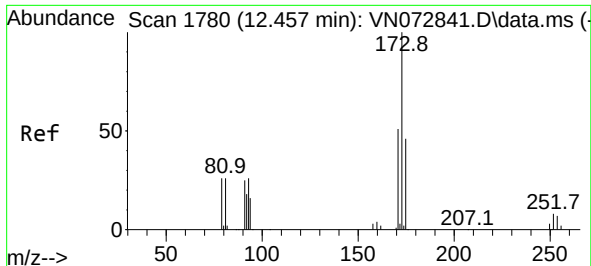
Tgt Ion:106 Resp: 2879
Ion Ratio Lower Upper
106 100
91 185.8 158.9 238.3



#70
Styrene
Concen: 0.280 ug/l
RT: 12.292 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VN072835.D
Acq: 14 Jun 2022 15:00

Tgt Ion:104 Resp: 3192
Ion Ratio Lower Upper
104 100
78 53.5 39.5 59.3
103 44.6 44.0 66.0

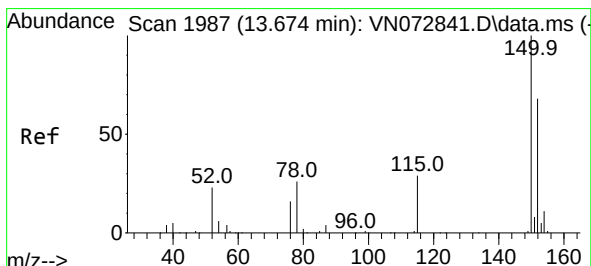
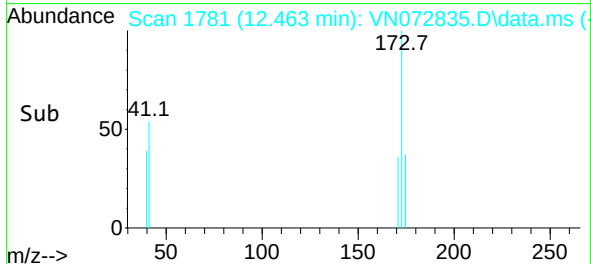
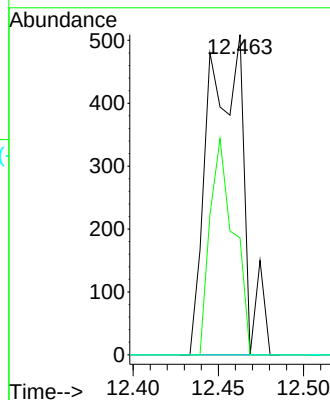
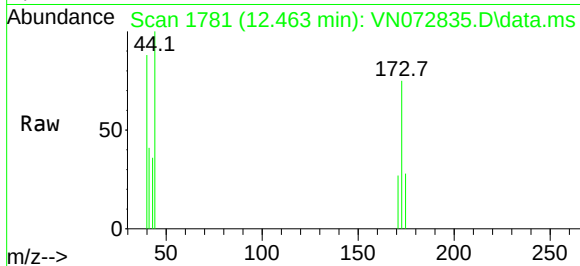




#71
Bromoform
Concen: 0.237 ug/l
RT: 12.463 min Scan# 1781
Delta R.T. 0.006 min
Lab File: VN072835.D
Acq: 14 Jun 2022 15:00

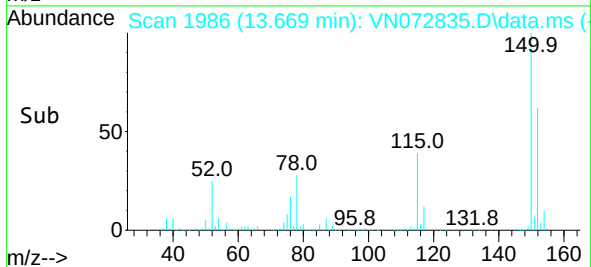
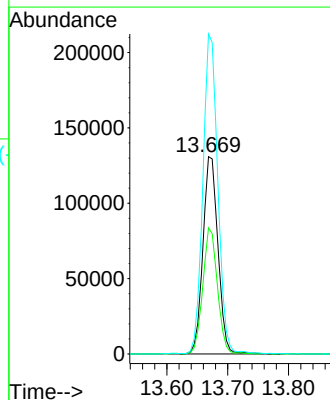
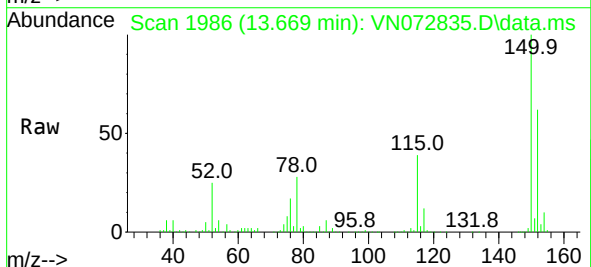
Instrument :
MSVOA_N
ClientSampleId :
IBLK

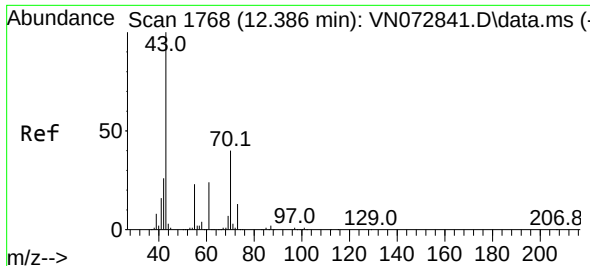
Tgt Ion:173 Resp: 734
Ion Ratio Lower Upper
173 100
175 45.6 24.6 73.6
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.669 min Scan# 1986
Delta R.T. -0.005 min
Lab File: VN072835.D
Acq: 14 Jun 2022 15:00

Tgt Ion:152 Resp: 225144
Ion Ratio Lower Upper
152 100
115 62.2 28.9 86.7
150 160.0 0.0 356.2

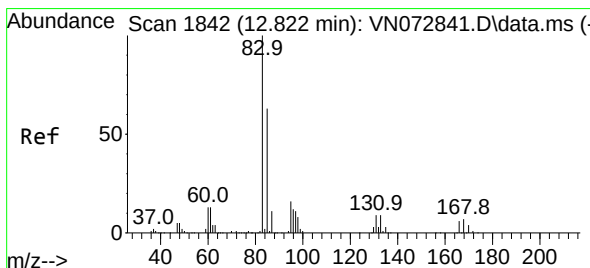
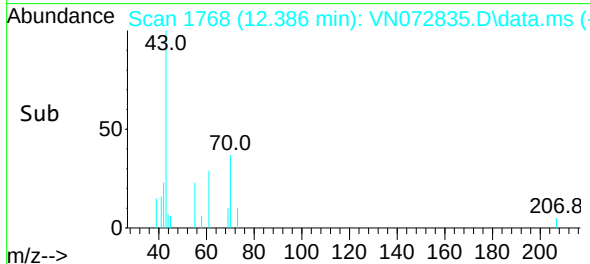
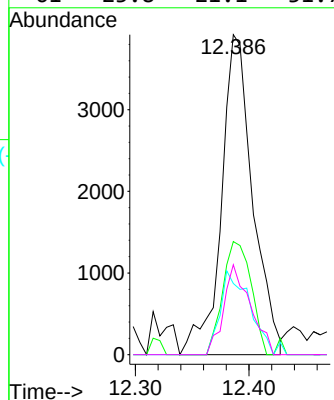
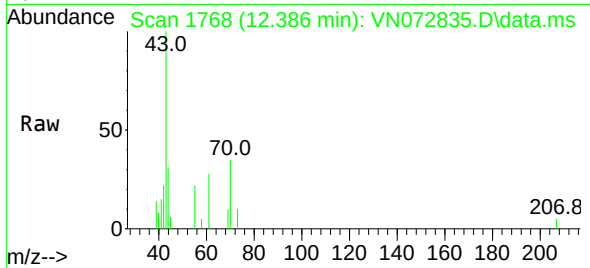




#74
N-amy1 acetate
Concen: 0.753 ug/l
RT: 12.386 min Scan# 1768
Delta R.T. 0.000 min
Lab File: VN072835.D
Acq: 14 Jun 2022 15:00

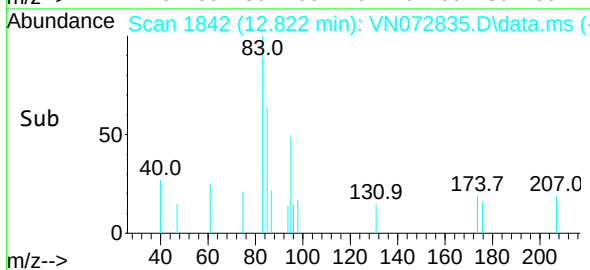
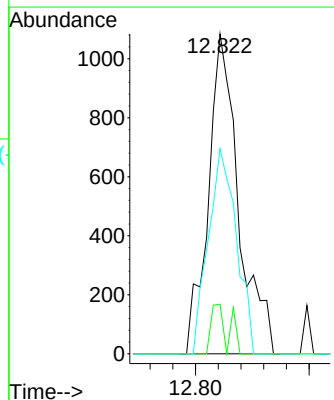
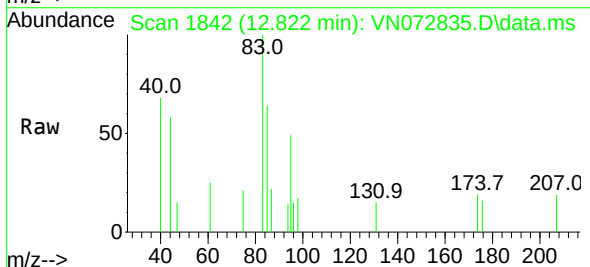
Instrument :
MSVOA_N
ClientSampleId :
IBLK

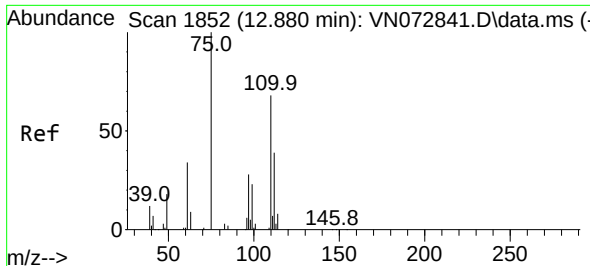
Tgt Ion: 43	Resp: 7520
Ion Ratio	Lower Upper
43 100	
70 32.0	39.0 58.4#
55 25.1	21.1 31.7
61 23.8	21.1 31.7



#75
1,1,2,2-Tetrachloroethane
Concen: 0.258 ug/l
RT: 12.822 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VN072835.D
Acq: 14 Jun 2022 15:00

Tgt Ion: 83	Resp: 2011
Ion Ratio	Lower Upper
83 100	
131 8.6	5.3 15.9
85 59.3	32.3 96.9

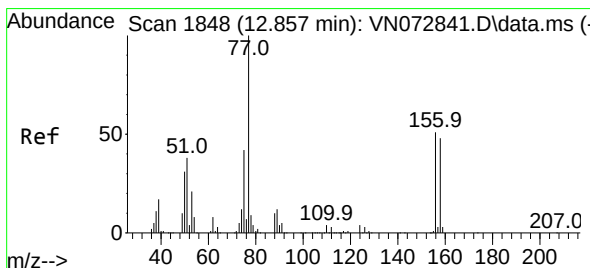
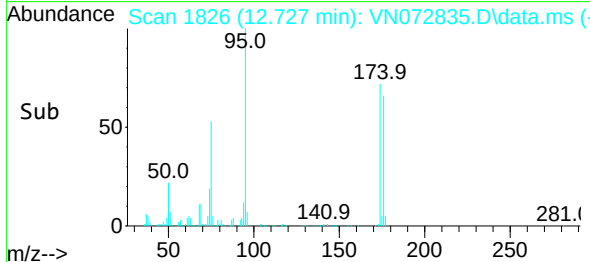
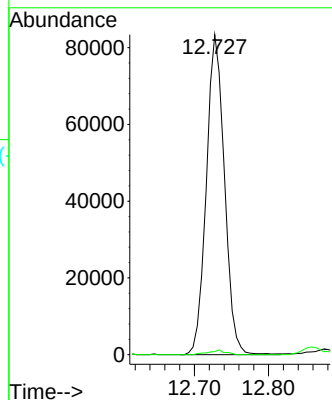
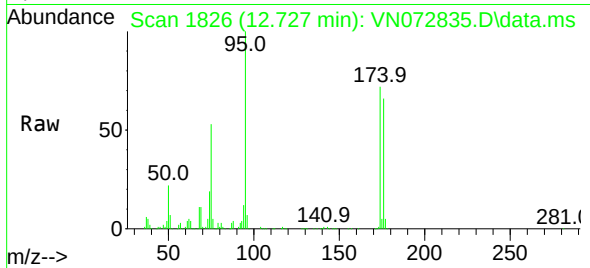




#76
1,2,3-Trichloropropane
Concen: 21.822 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.153 min
Lab File: VN072835.D
Acq: 14 Jun 2022 15:00

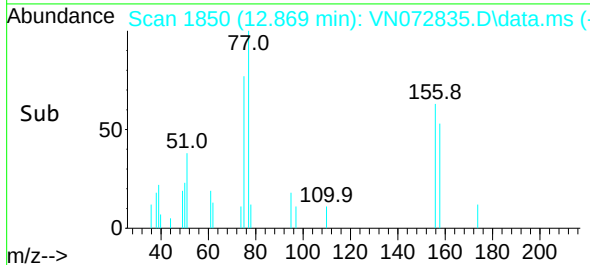
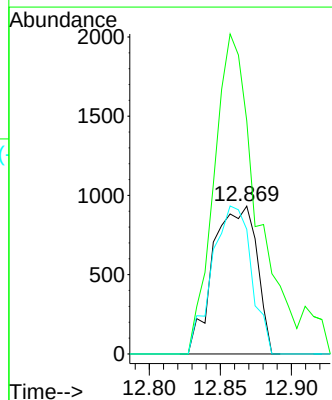
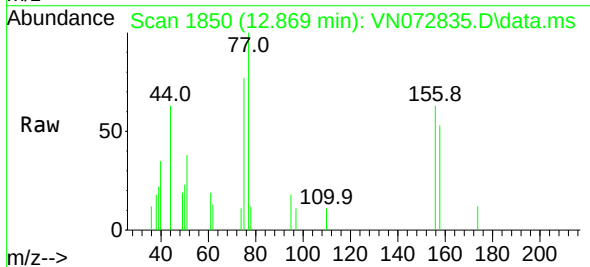
Instrument :
MSVOA_N
ClientSampleId :
IBLK

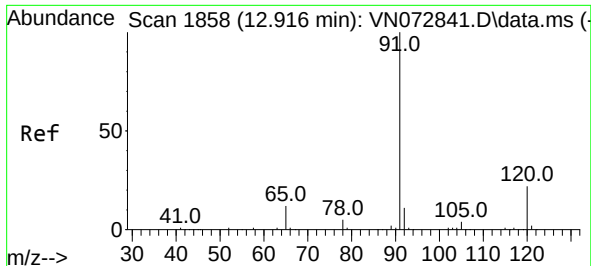
Tgt Ion: 75 Resp: 141718
Ion Ratio Lower Upper
75 100
77 1.4 98.5 295.5#



#77
Bromobenzene
Concen: 0.423 ug/l
RT: 12.869 min Scan# 1850
Delta R.T. 0.012 min
Lab File: VN072835.D
Acq: 14 Jun 2022 15:00

Tgt Ion: 156 Resp: 1984
Ion Ratio Lower Upper
156 100
77 212.4 100.5 301.5
158 90.3 48.9 146.6

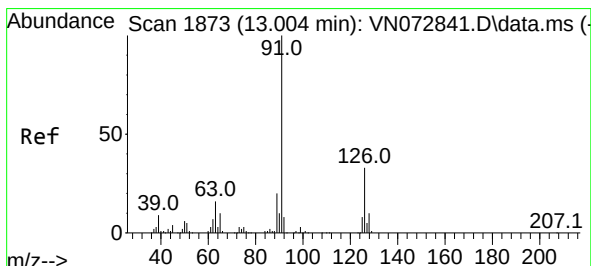
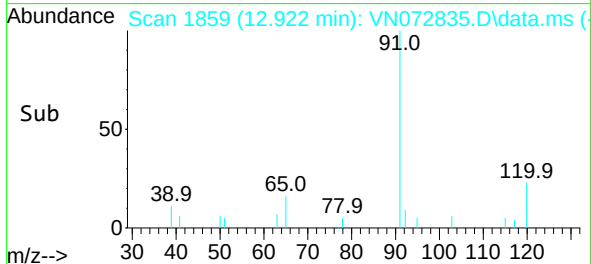
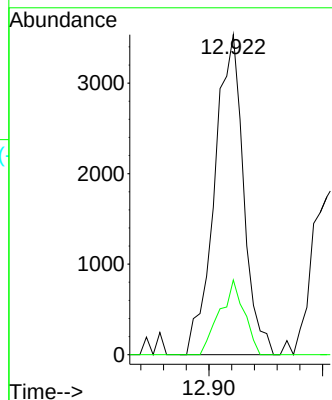
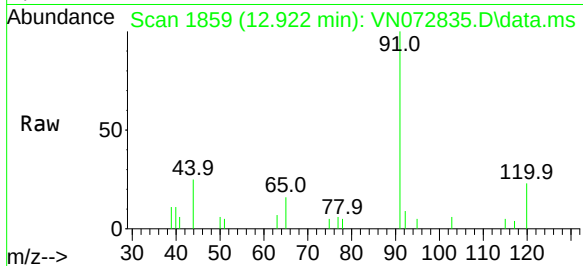




#78
n-propylbenzene
Concen: 0.277 ug/l
RT: 12.922 min Scan# 1859
Delta R.T. 0.005 min
Lab File: VN072835.D
Acq: 14 Jun 2022 15:00

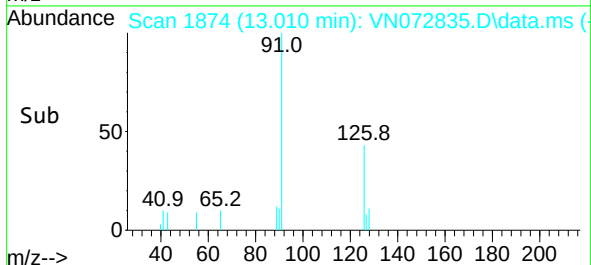
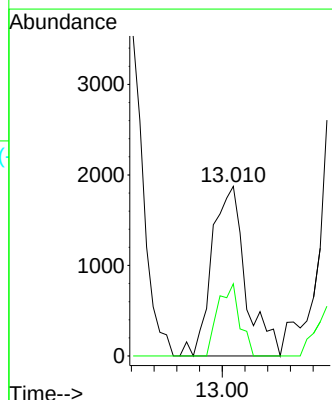
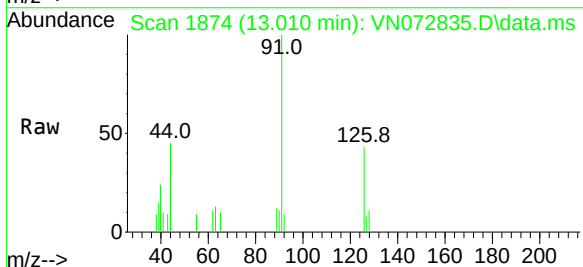
Instrument :
MSVOA_N
ClientSampleId :
IBLK

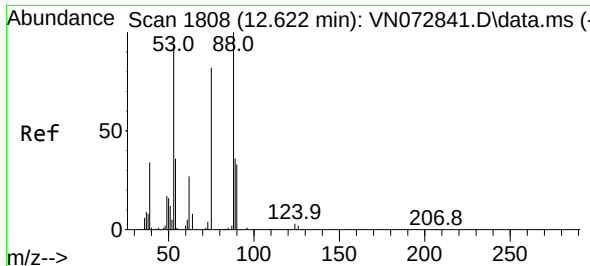
Tgt Ion: 91 Resp: 6261
Ion Ratio Lower Upper
91 100
120 19.7 11.9 35.5



#79
2-Chlorotoluene
Concen: 0.260 ug/l
RT: 13.010 min Scan# 1874
Delta R.T. 0.006 min
Lab File: VN072835.D
Acq: 14 Jun 2022 15:00

Tgt Ion: 91 Resp: 3835
Ion Ratio Lower Upper
91 100
126 27.8 17.3 51.9

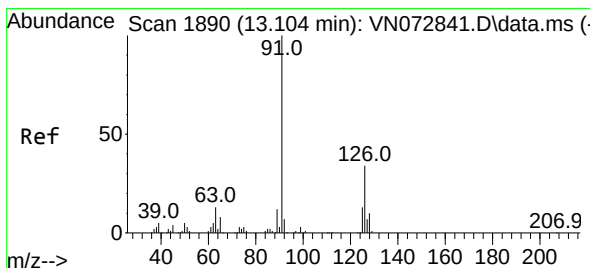
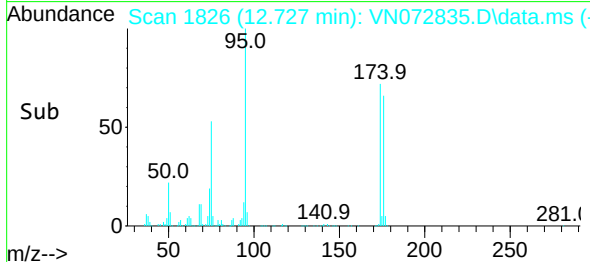
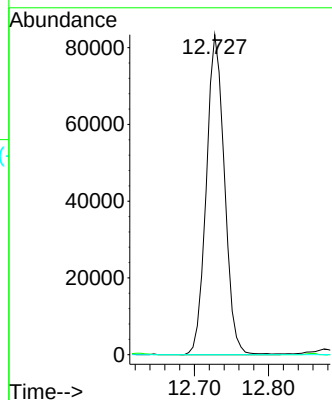
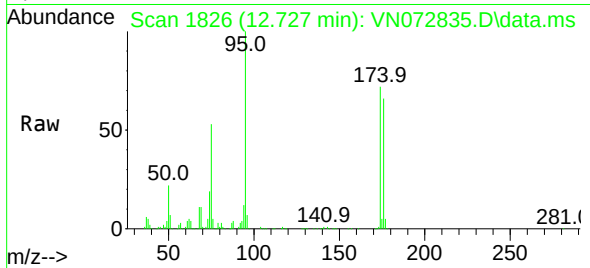




#81
trans-1,4-Dichloro-2-butene
Concen: 67.865 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.105 min
Lab File: VN072835.D
Acq: 14 Jun 2022 15:00

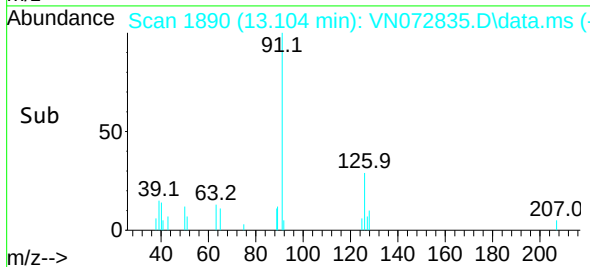
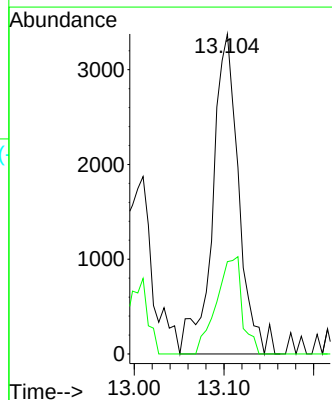
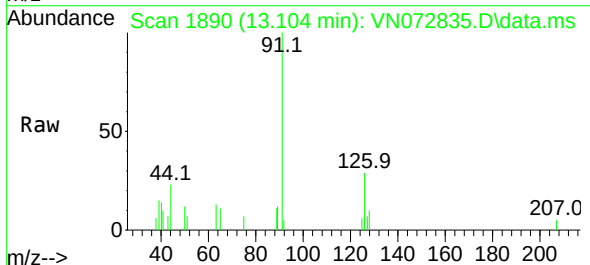
Instrument :
MSVOA_N
ClientSampleId :
IBLK

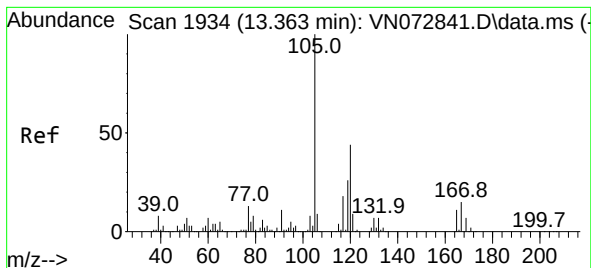
Tgt Ion: 75 Resp: 141718
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#



#82
4-Chlorotoluene
Concen: 0.507 ug/l
RT: 13.104 min Scan# 1890
Delta R.T. -0.000 min
Lab File: VN072835.D
Acq: 14 Jun 2022 15:00

Tgt Ion: 91 Resp: 6835
Ion Ratio Lower Upper
91 100
126 29.8 17.2 51.6





#84

1,2,4-Trimethylbenzene

Concen: 0.266 ug/l

RT: 13.369 min Scan# 1935

Delta R.T. 0.006 min

Lab File: VN072835.D

Acq: 14 Jun 2022 15:00

Instrument :

MSVOA_N

ClientSampleId :

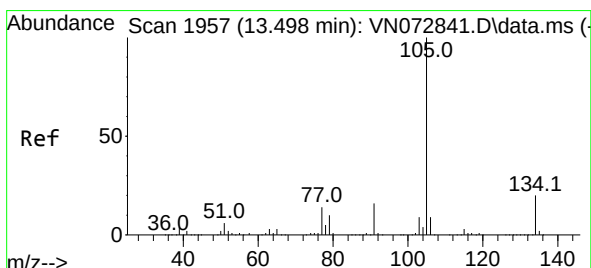
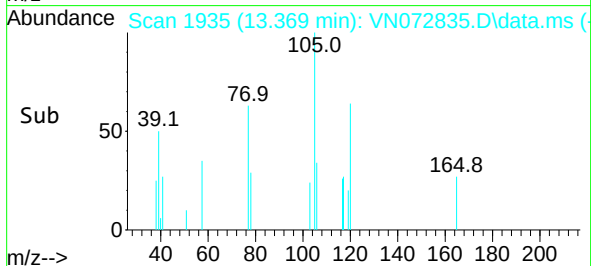
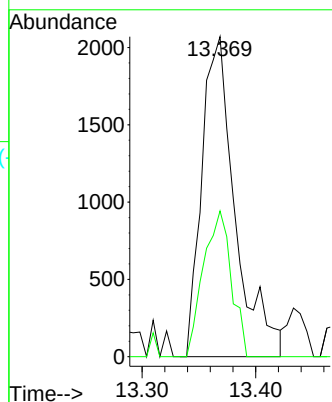
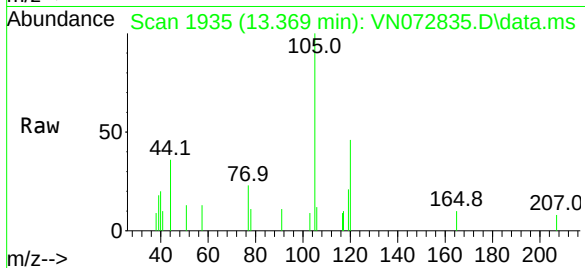
IBLK

Tgt Ion:105 Resp: 4232

Ion Ratio Lower Upper

105 100

120 37.9 23.3 69.8



#85

sec-Butylbenzene

Concen: 0.257 ug/l

RT: 13.492 min Scan# 1956

Delta R.T. -0.006 min

Lab File: VN072835.D

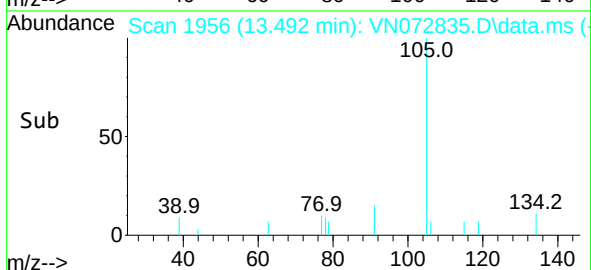
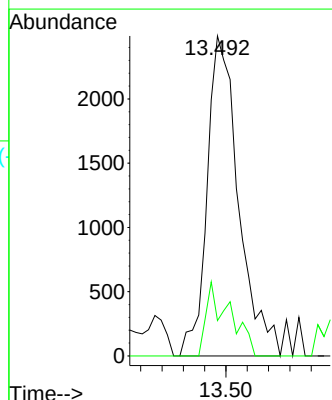
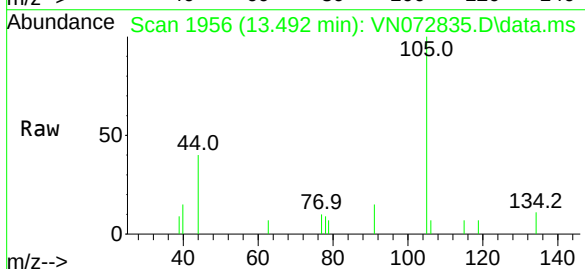
Acq: 14 Jun 2022 15:00

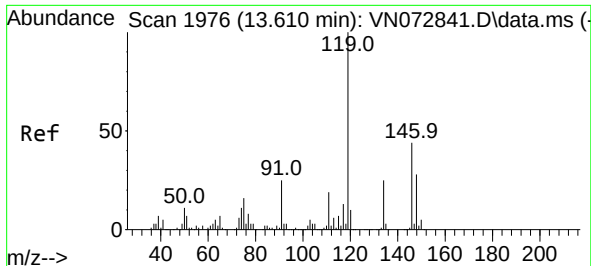
Tgt Ion:105 Resp: 5109

Ion Ratio Lower Upper

105 100

134 17.4 10.4 31.1

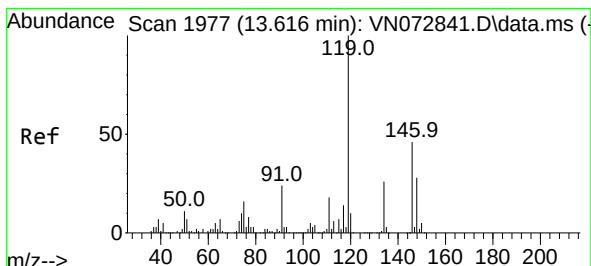
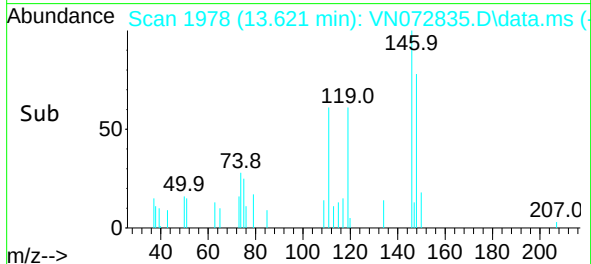
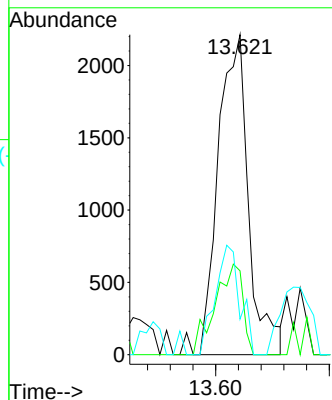
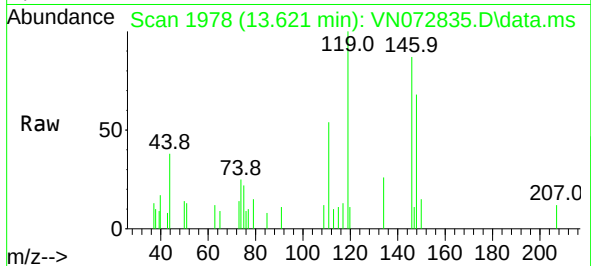




#86
p-Isopropyltoluene
Concen: 0.267 ug/l
RT: 13.621 min Scan# 1976
Delta R.T. 0.011 min
Lab File: VN072835.D
Acq: 14 Jun 2022 15:00

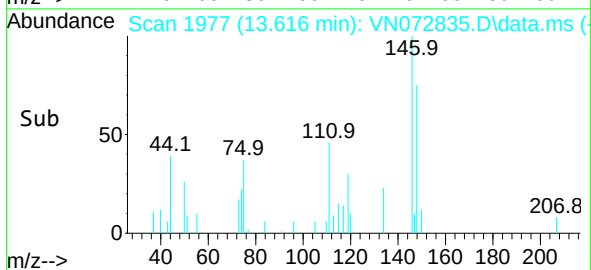
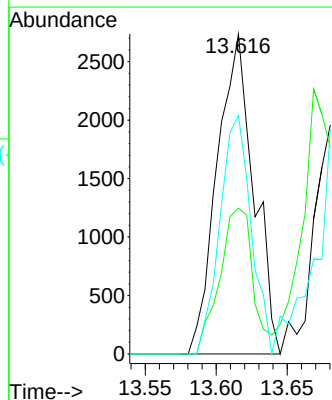
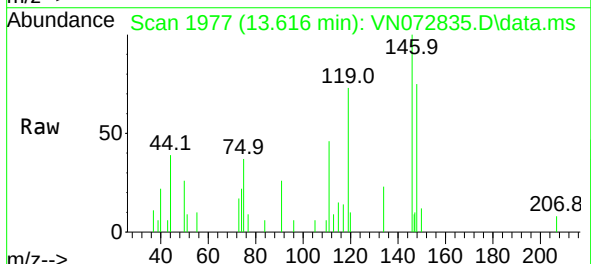
Instrument :
MSVOA_N
ClientSampleId :
IBLK

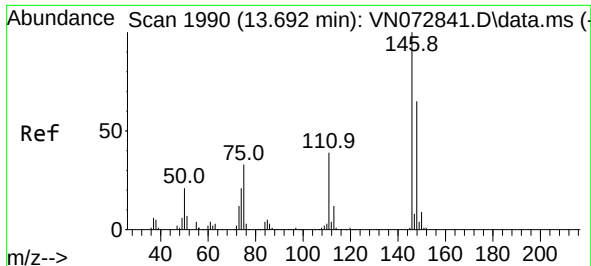
Tgt Ion:119	Resp:	4126
Ion Ratio	Lower	Upper
119	100	
134	25.8	13.3 39.8
91	27.7	11.3 33.9



#87
1,3-Dichlorobenzene
Concen: 0.642 ug/l
RT: 13.616 min Scan# 1977
Delta R.T. -0.000 min
Lab File: VN072835.D
Acq: 14 Jun 2022 15:00

Tgt Ion:146	Resp:	4901
Ion Ratio	Lower	Upper
146	100	
111	41.7	20.0 60.0
148	63.6	32.0 96.0

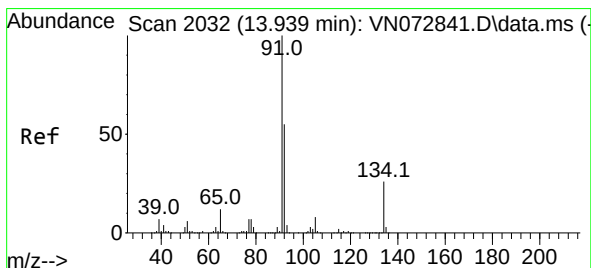
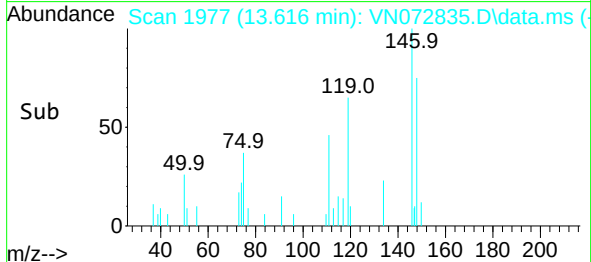
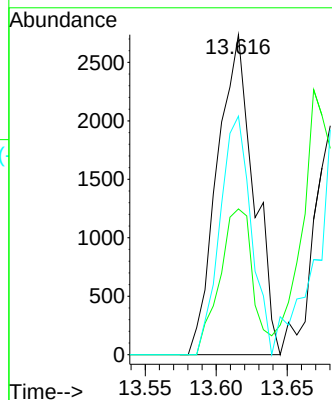
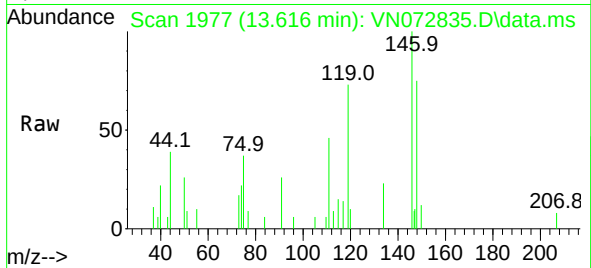




#88
1,4-Dichlorobenzene
Concen: 0.634 ug/l
RT: 13.616 min Scan# 1990
Delta R.T. -0.076 min
Lab File: VN072835.D
Acq: 14 Jun 2022 15:00

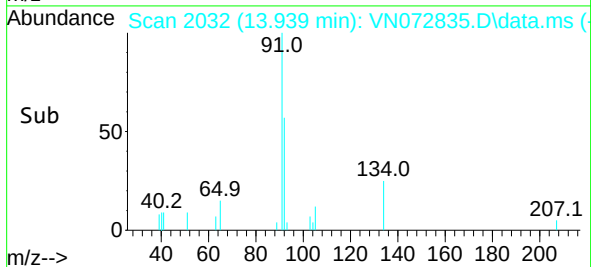
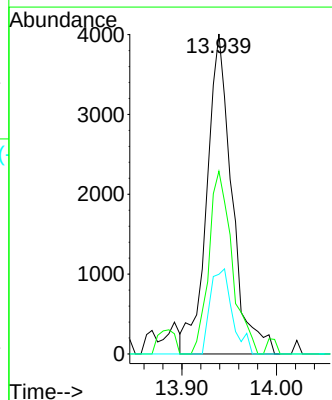
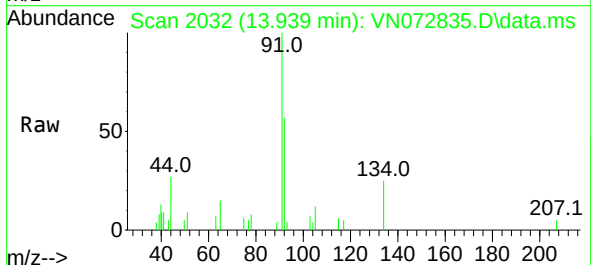
Instrument :
MSVOA_N
ClientSampleId :
IBLK

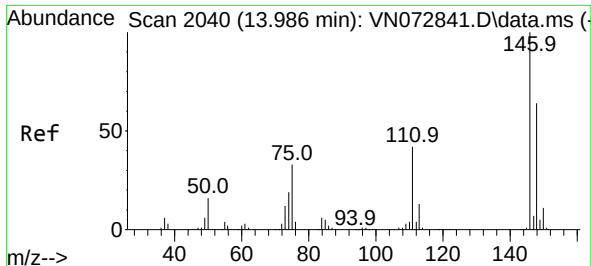
Tgt Ion:146 Resp: 4901
Ion Ratio Lower Upper
146 100
111 41.7 19.1 57.1
148 63.6 31.4 94.3



#89
n-Butylbenzene
Concen: 0.594 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VN072835.D
Acq: 14 Jun 2022 15:00

Tgt Ion: 91 Resp: 7389
Ion Ratio Lower Upper
91 100
92 52.6 26.9 80.7
134 23.2 13.6 40.8





#91

1,2-Dichlorobenzene

Concen: 0.524 ug/l

RT: 13.986 min Scan# 2040

Delta R.T. 0.000 min

Lab File: VN072835.D

Acq: 14 Jun 2022 15:00

Instrument :

MSVOA_N

ClientSampleId :

IBLK

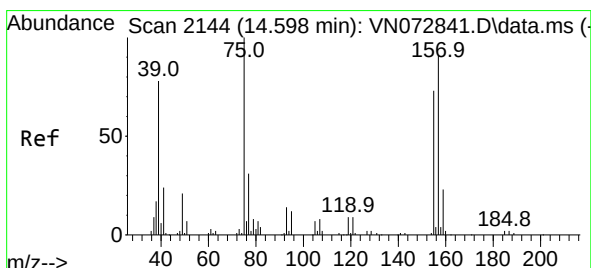
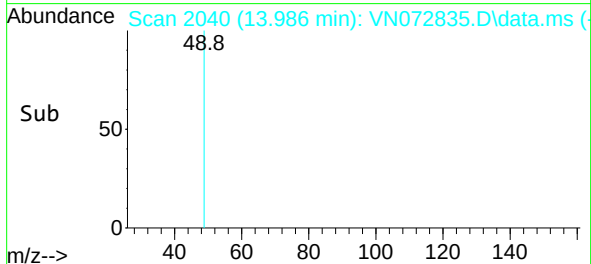
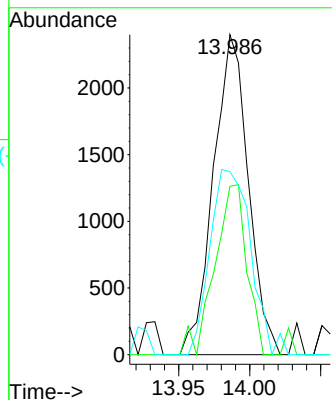
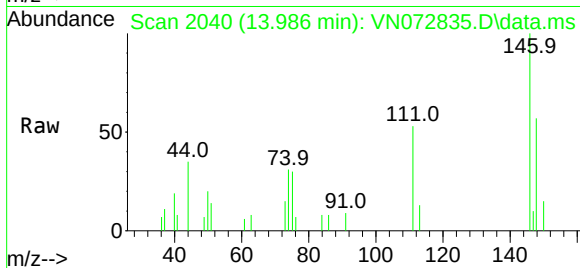
Tgt Ion:146 Resp: 4101

Ion Ratio Lower Upper

146 100

111 48.7 20.9 62.8

148 67.6 32.1 96.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.961 ug/l

RT: 14.598 min Scan# 2144

Delta R.T. -0.000 min

Lab File: VN072835.D

Acq: 14 Jun 2022 15:00

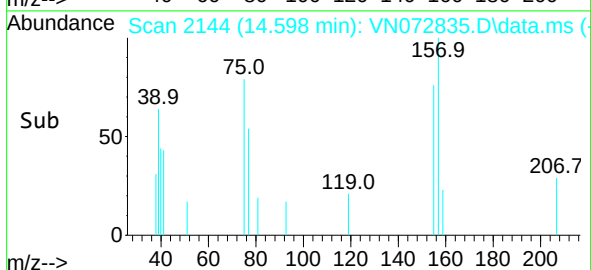
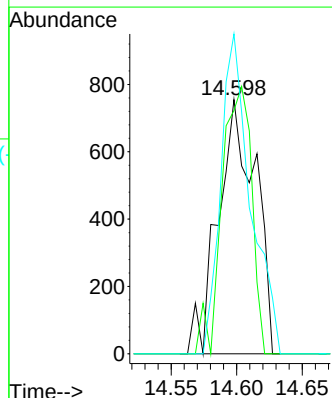
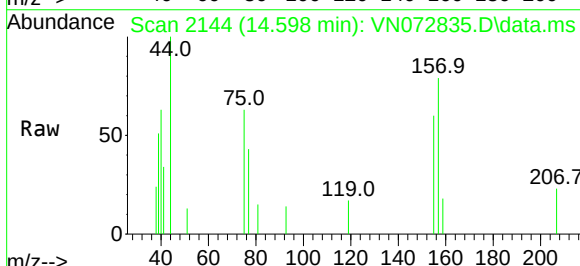
Tgt Ion: 75 Resp: 1498

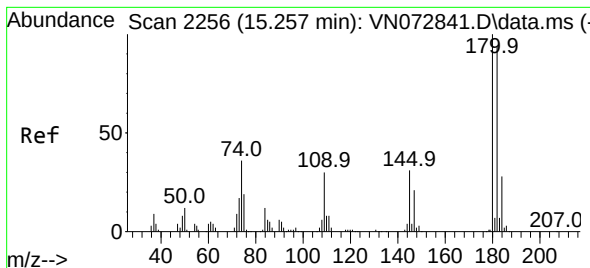
Ion Ratio Lower Upper

75 100

155 83.7 44.9 134.5

157 100.1 59.0 176.8





#93

1,2,4-Trichlorobenzene

Concen: 2.740 ug/l

RT: 15.263 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN072835.D

Acq: 14 Jun 2022 15:00

Instrument :

MSVOA_N

ClientSampleId :

IBLK

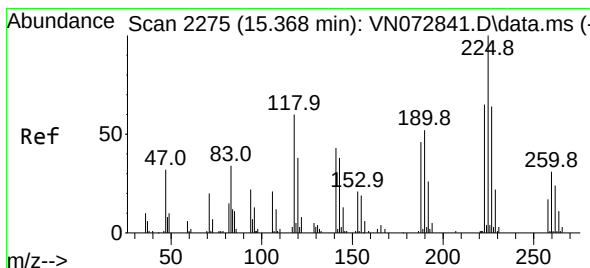
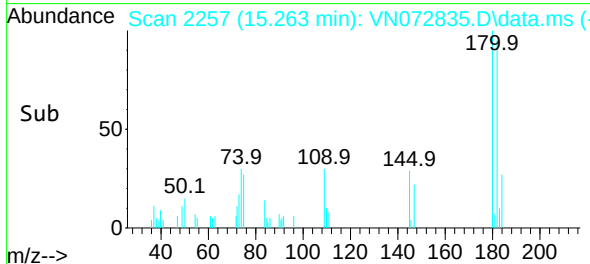
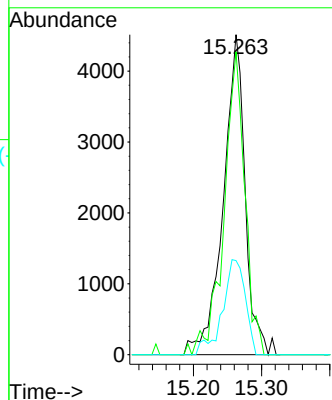
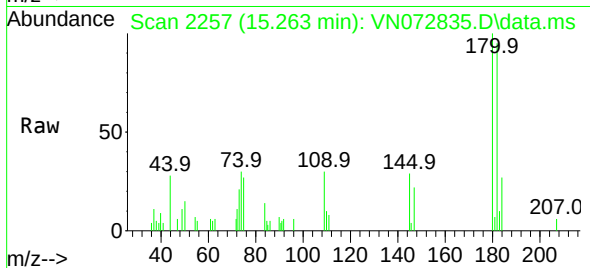
Tgt Ion:180 Resp: 10137

Ion Ratio Lower Upper

180 100

182 89.9 47.5 142.5

145 28.9 14.5 43.5



#94

Hexachlorobutadiene

Concen: 0.811 ug/l

RT: 15.363 min Scan# 2274

Delta R.T. -0.005 min

Lab File: VN072835.D

Acq: 14 Jun 2022 15:00

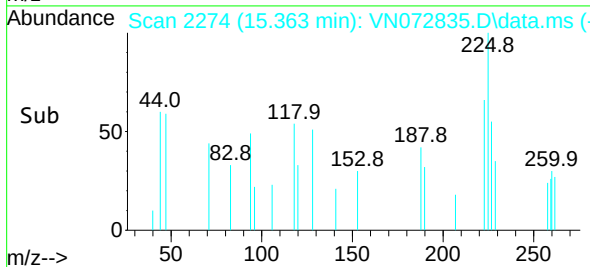
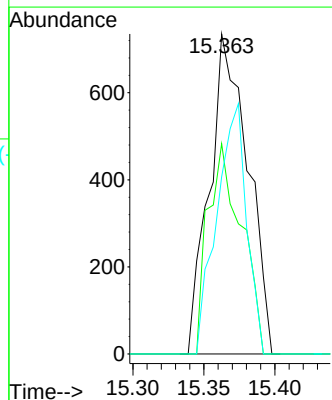
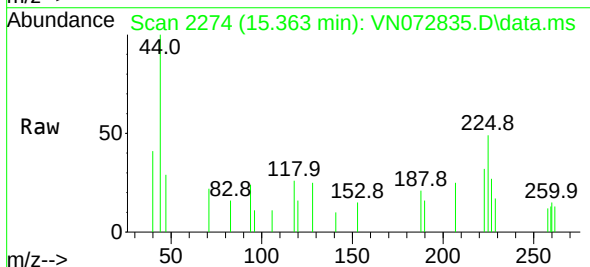
Tgt Ion:225 Resp: 1383

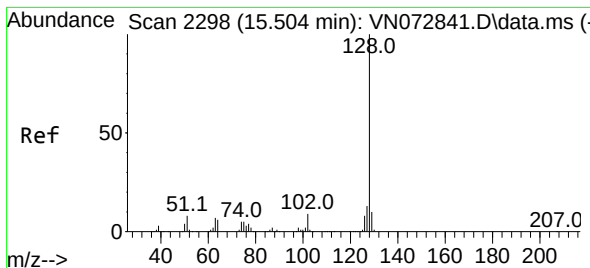
Ion Ratio Lower Upper

225 100

223 57.2 32.4 97.2

227 60.7 31.8 95.4





#95

Naphthalene

Concen: 4.215 ug/l

RT: 15.504 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN072835.D

Acq: 14 Jun 2022 15:00

Instrument :

MSVOA_N

ClientSampleId :

IBLK

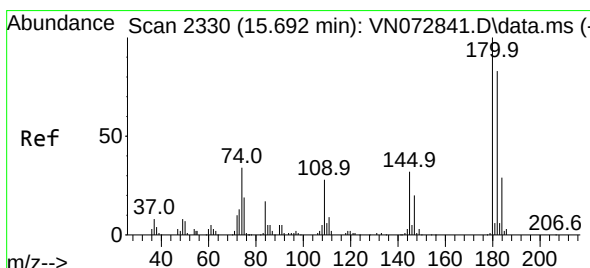
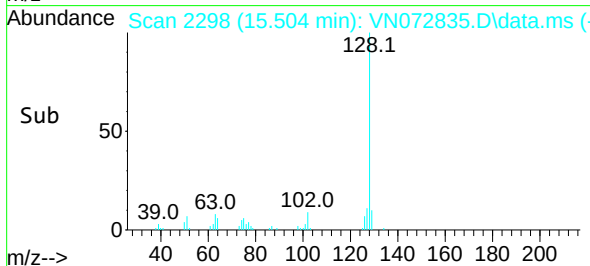
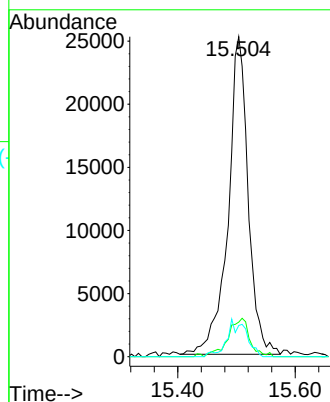
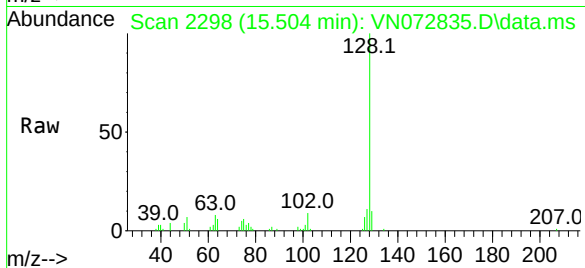
Tgt Ion:128 Resp: 59692

Ion Ratio Lower Upper

128 100

127 13.0 10.3 15.5

129 5.5 8.6 13.0#



#96

1,2,3-Trichlorobenzene

Concen: 3.647 ug/l

RT: 15.692 min Scan# 2330

Delta R.T. -0.000 min

Lab File: VN072835.D

Acq: 14 Jun 2022 15:00

Tgt Ion:180 Resp: 13862

Ion Ratio Lower Upper

180 100

182 91.6 47.8 143.3

145 33.0 15.5 46.5

