

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100322\
 Data File : VN074712.D
 Acq On : 03 Oct 2022 16:01
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Oct 04 06:10:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100322W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 04 05:54:56 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.939	168	204754	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.827	114	362390	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.621	117	371066	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.551	152	173332	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.292	65	272888	53.038	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.080%	
35) Dibromofluoromethane	7.863	113	199798	51.286	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.580%	
50) Toluene-d8	10.310	98	829097	51.777	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.560%	
62) 4-Bromofluorobenzene	12.604	95	200335	37.726	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 75.460%#	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.998	85	1268	0.300	ug/l #	43
3) Chloromethane	2.228	50	5021	Below Cal	#	78
4) Vinyl Chloride	2.357	62	2680	0.219	ug/l #	1
5) Bromomethane	2.757	94	4950	0.519	ug/l #	78
6) Chloroethane	2.828	64	9017	0.919	ug/l #	61
9) 1,1,2-Trichlorotrifluo...	4.063	101	1040	0.281	ug/l #	21
11) Tert butyl alcohol	5.210	59	349	0.311	ug/l #	72
12) 1,1-Dichloroethene	4.034	96	897	0.243	ug/l #	4
13) Acrolein	3.887	56	169	Below Cal	#	1
15) Acrylonitrile	5.381	53	4938	1.545	ug/l #	31
16) Acetone	4.116	43	820	0.299	ug/l #	42
17) Carbon Disulfide	4.375	76	10781	0.999	ug/l #	75
18) Methyl Acetate	4.669	43	2295	0.245	ug/l #	89
20) Methylene Chloride	4.898	84	2144	0.508	ug/l #	45
21) trans-1,2-Dichloroethene	5.422	96	1285	0.322	ug/l #	14
23) Vinyl Acetate	6.251	43	2679	13.934	ug/l #	68
25) 2-Butanone	7.157	43	3319	0.681	ug/l #	77
27) cis-1,2-Dichloroethene	7.139	96	1568	0.314	ug/l	88
29) Tetrahydrofuran	7.522	42	728	0.227	ug/l #	41
31) Cyclohexane	7.933	56	7458	0.938	ug/l #	76
36) 1,1-Dichloropropene	8.075	75	1534	0.242	ug/l #	75
38) Carbon Tetrachloride	7.933	117	21832	3.891	ug/l #	18
44) Trichloroethene	9.075	130	1604	0.376	ug/l	63
48) Methyl methacrylate	9.427	41	1263	0.204	ug/l #	35
49) 1,4-Dioxane	9.451	88	193	1.682	ug/l #	1
51) 4-Methyl-2-Pentanone	10.210	43	3880	0.398	ug/l	88
58) 2-Chloroethyl Vinyl ether	9.916	63	3983	1.386	ug/l #	71
59) 2-Hexanone	10.963	43	8143	1.114	ug/l	93
64) Tetrachloroethene	10.857	164	1040	0.344	ug/l #	27
65) Chlorobenzene	11.639	112	3839	0.341	ug/l #	74
67) Ethyl Benzene	11.716	91	5704	0.272	ug/l #	87
68) m/p-Xylenes	11.827	106	3889	0.497	ug/l #	73
69) o-Xylene	12.157	106	2147	0.273	ug/l	54
70) Styrene	12.163	104	3862	3.217	ug/l #	83
71) Bromoform	12.345	173	789	Below Cal	#	28
73) Isopropylbenzene	12.451	105	5635	0.352	ug/l	96

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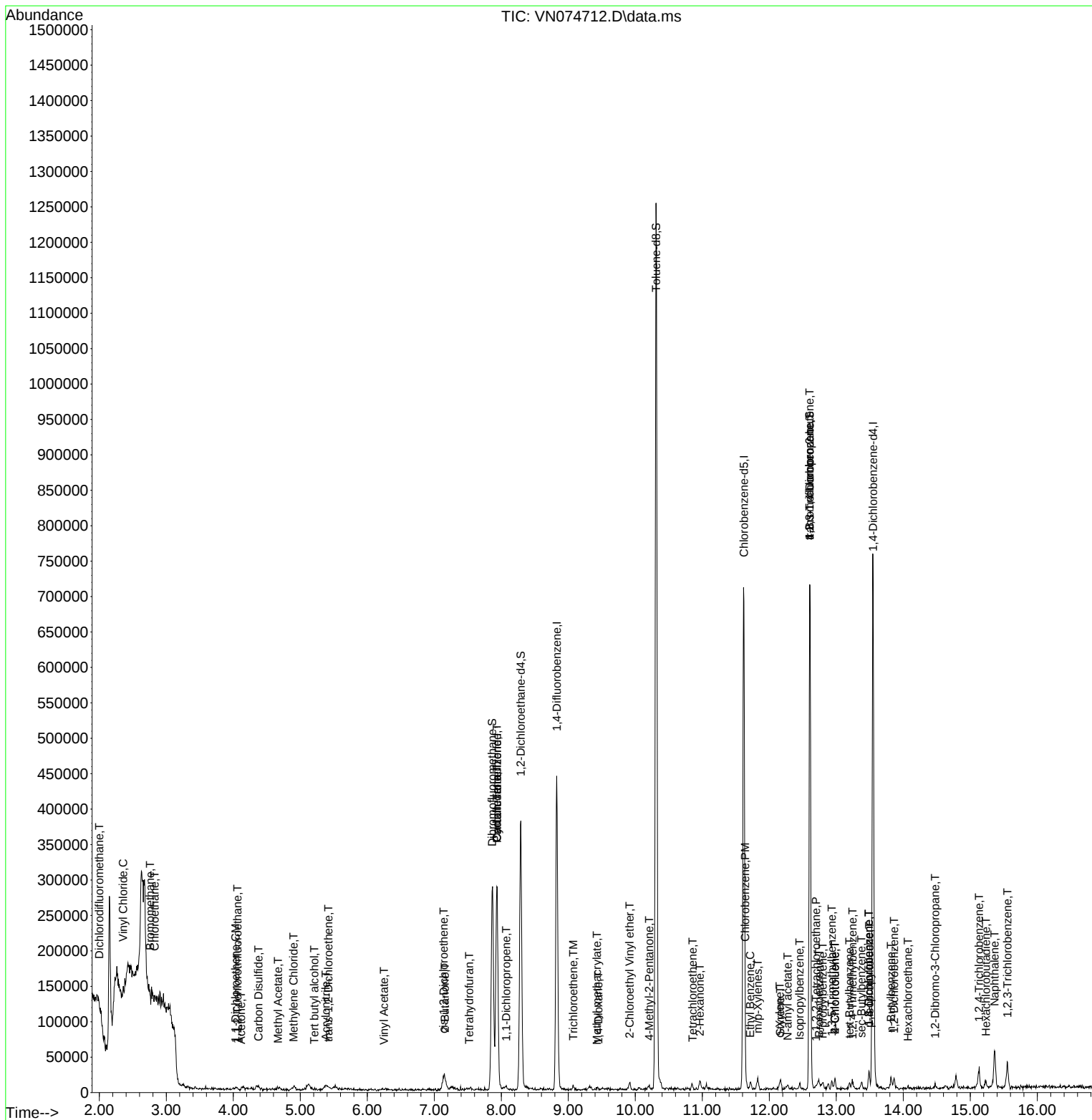
Quant Time: Oct 04 06:10:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100322W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 04 05:54:56 2022
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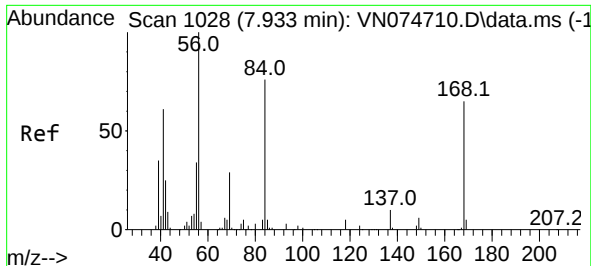
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

74) N-amyl acetate	12.274	43	4826	0.610	ug/l #	67
75) 1,1,2,2-Tetrachloroethane	12.698	83	2038	0.334	ug/l	88
76) 1,2,3-Trichloropropane	12.604	75	123827	30.565	ug/l #	1
77) Bromobenzene	12.745	156	1553	0.454	ug/l #	35
78) n-propylbenzene	12.798	91	8478	0.462	ug/l	96
79) 2-Chlorotoluene	12.980	91	7348	0.680	ug/l	100
80) 1,3,5-Trimethylbenzene	12.933	105	4799	0.375	ug/l	76
81) trans-1,4-Dichloro-2-b...	12.604	75	123827	82.534	ug/l #	11
82) 4-Chlorotoluene	12.980	91	7348	0.703	ug/l	100
83) tert-Butylbenzene	13.198	119	4285	0.375	ug/l #	82
84) 1,2,4-Trimethylbenzene	13.245	105	6227	0.506	ug/l	96
85) sec-Butylbenzene	13.374	105	6948	0.426	ug/l	98
86) p-Isopropyltoluene	13.492	119	5385	0.431	ug/l	82
87) 1,3-Dichlorobenzene	13.486	146	6193	0.952	ug/l	88
88) 1,4-Dichlorobenzene	13.486	146	6193	0.972	ug/l	89
89) n-Butylbenzene	13.815	91	10970	0.972	ug/l	78
90) Hexachloroethane	14.068	117	578	0.273	ug/l #	36
91) 1,2-Dichlorobenzene	13.862	146	5249	0.829	ug/l	90
92) 1,2-Dibromo-3-Chloropr...	14.474	75	1545	1.374	ug/l	61
93) 1,2,4-Trichlorobenzene	15.133	180	8657	3.102	ug/l	87
94) Hexachlorobutadiene	15.233	225	1540	1.091	ug/l	85
95) Naphthalene	15.362	128	50258	4.740	ug/l	99
96) 1,2,3-Trichlorobenzene	15.556	180	11919	4.048	ug/l	99

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

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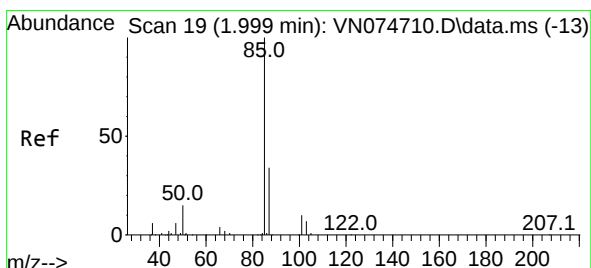
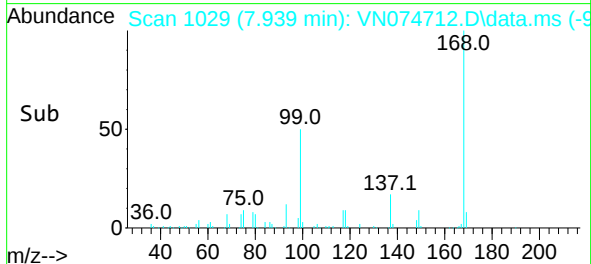
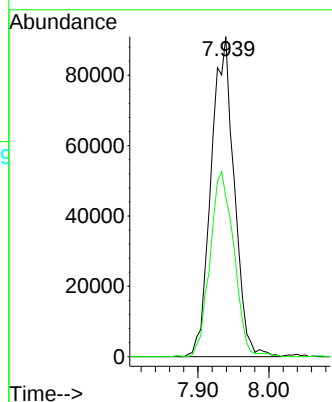
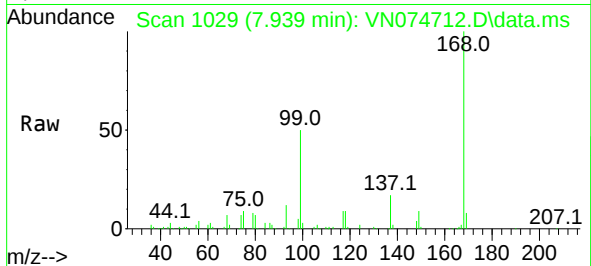




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.939 min Scan# 1028
Delta R.T. 0.006 min
Lab File: VN074712.D
Acq: 03 Oct 2022 16:01

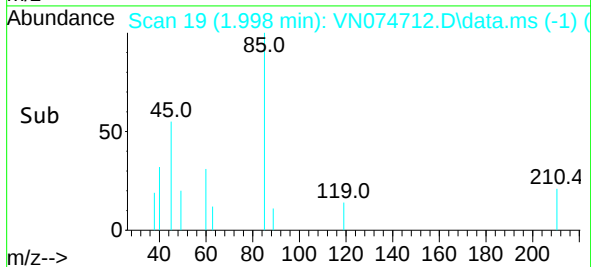
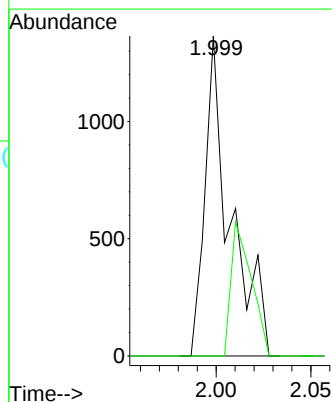
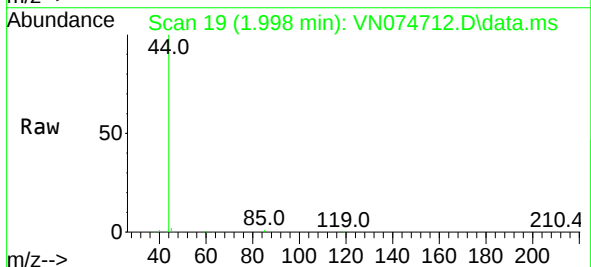
Instrument :
MSVOA_N
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IBLK

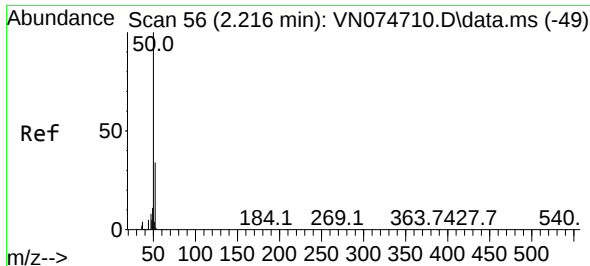
Tgt Ion:168 Resp: 204754
Ion Ratio Lower Upper
168 100
99 49.7 42.3 63.5



#2
Dichlorodifluoromethane
Concen: 0.300 ug/l
RT: 1.998 min Scan# 19
Delta R.T. -0.001 min
Lab File: VN074712.D
Acq: 03 Oct 2022 16:01

Tgt Ion: 85 Resp: 1268
Ion Ratio Lower Upper
85 100
87 0.0 15.7 47.1#

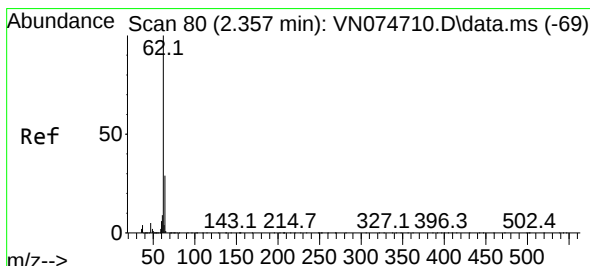
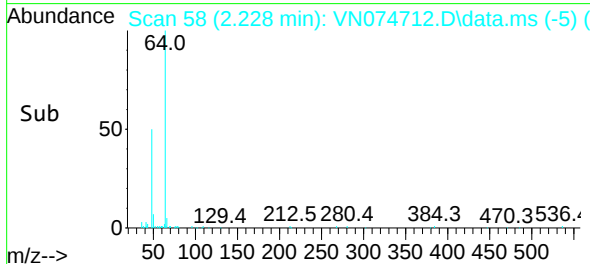
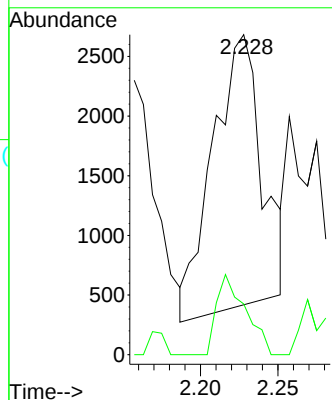
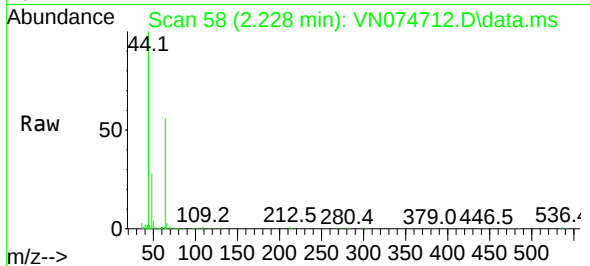




#3
Chloromethane
Concen: Below Cal
RT: 2.228 min Scan# 50
Delta R.T. 0.012 min
Lab File: VN074712.D
Acq: 03 Oct 2022 16:01

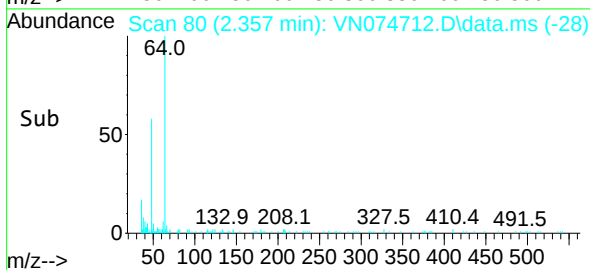
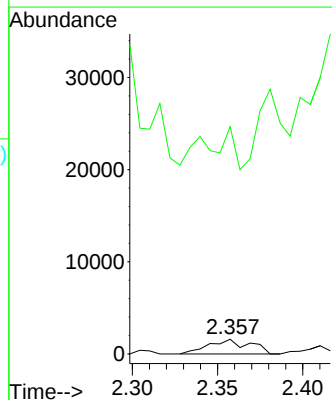
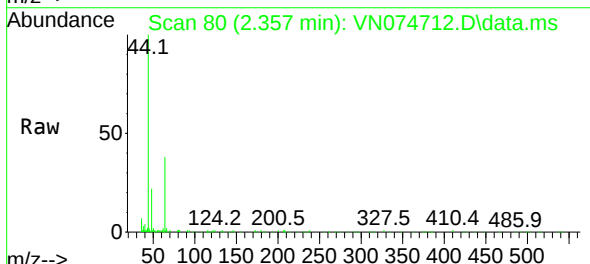
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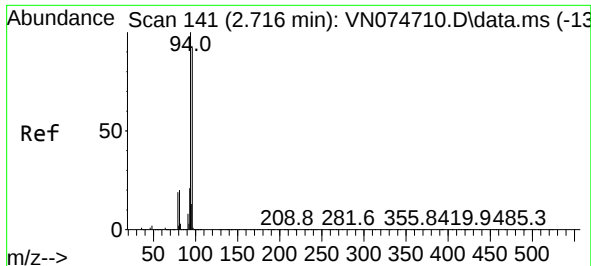
Tgt Ion: 50 Resp: 5021
Ion Ratio Lower Upper
50 100
52 20.1 25.7 38.5#



#4
Vinyl Chloride
Concen: 0.219 ug/l
RT: 2.357 min Scan# 80
Delta R.T. 0.006 min
Lab File: VN074712.D
Acq: 03 Oct 2022 16:01

Tgt Ion: 62 Resp: 2680
Ion Ratio Lower Upper
62 100
64 239.4 25.0 37.4#

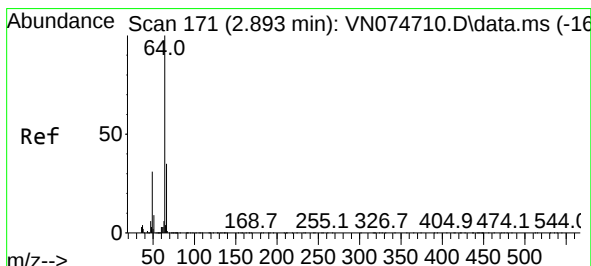
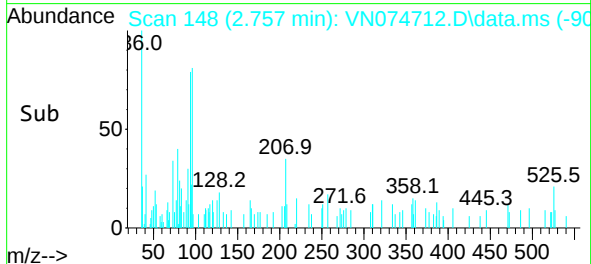
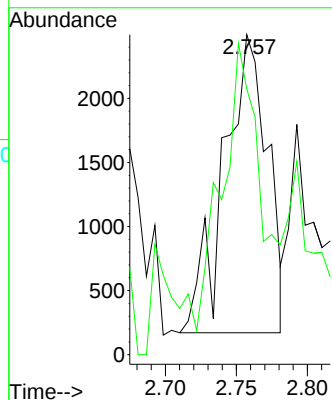
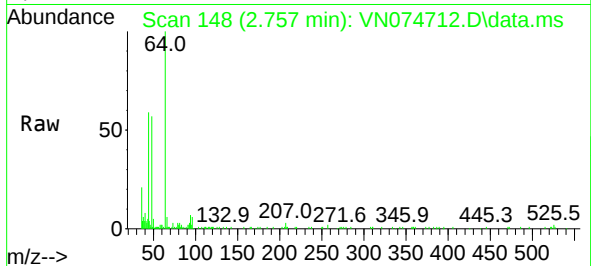




#5
Bromomethane
Concen: 0.519 ug/l
RT: 2.757 min Scan# 141
Delta R.T. 0.041 min
Lab File: VN074712.D
Acq: 03 Oct 2022 16:01

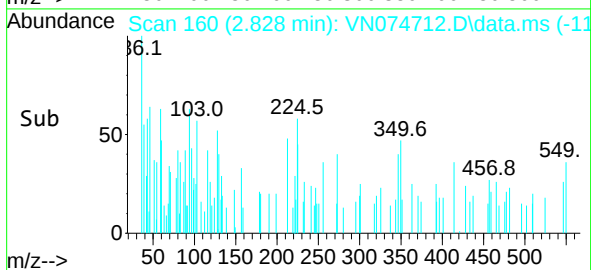
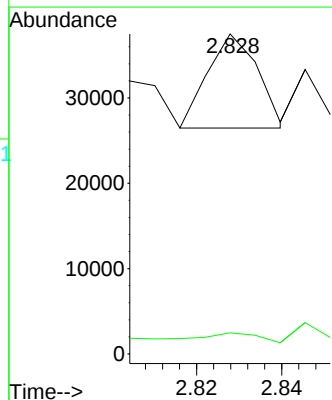
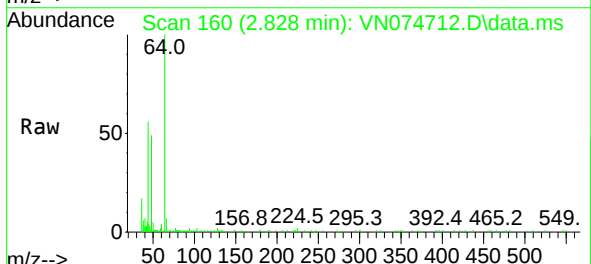
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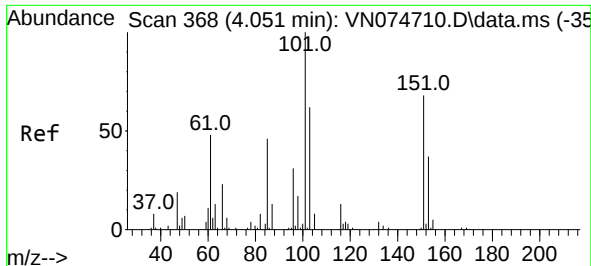
Tgt Ion: 94 Resp: 4950
Ion Ratio Lower Upper
94 100
96 73.6 76.0 114.0#



#6
Chloroethane
Concen: 0.919 ug/l
RT: 2.828 min Scan# 160
Delta R.T. -0.059 min
Lab File: VN074712.D
Acq: 03 Oct 2022 16:01

Tgt Ion: 64 Resp: 9017
Ion Ratio Lower Upper
64 100
66 10.5 26.2 39.4#

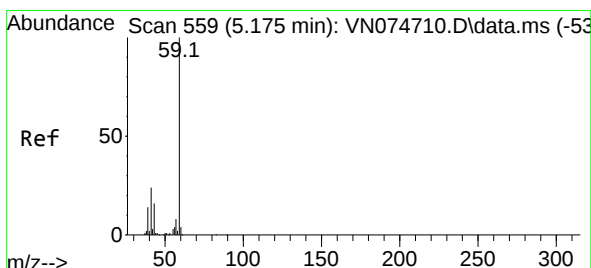
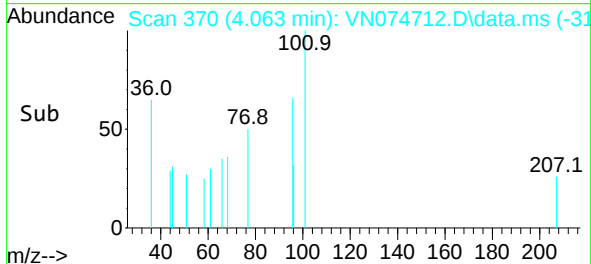
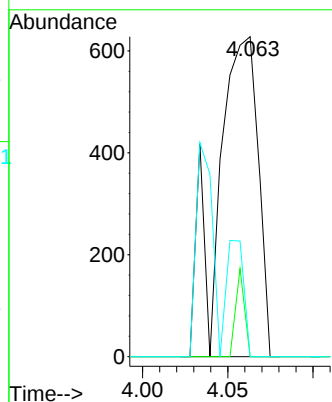
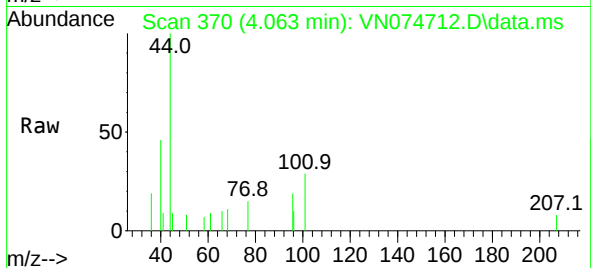




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.281 ug/l
 RT: 4.063 min Scan# 31
 Delta R.T. 0.018 min
 Lab File: VN074712.D
 Acq: 03 Oct 2022 16:01

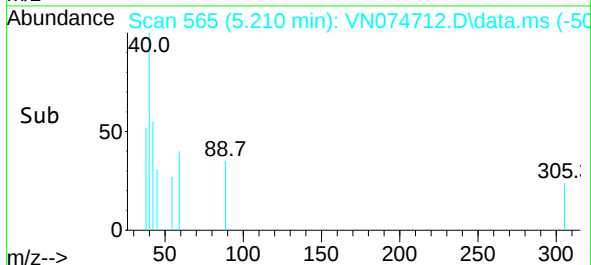
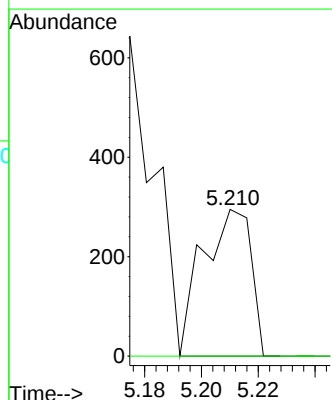
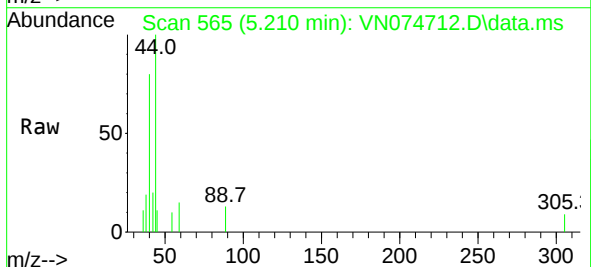
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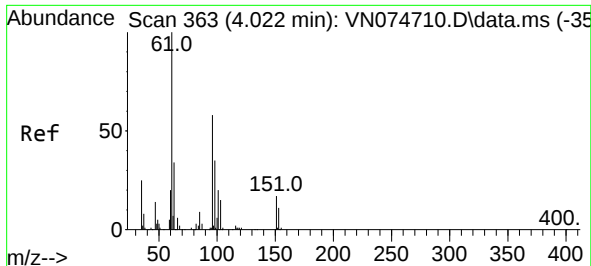
Tgt Ion:101 Resp: 1040
 Ion Ratio Lower Upper
 101 100
 85 5.9 34.7 52.1#
 151 0.0 63.0 94.4#



#11
 Tert butyl alcohol
 Concen: 0.311 ug/l
 RT: 5.210 min Scan# 565
 Delta R.T. 0.041 min
 Lab File: VN074712.D
 Acq: 03 Oct 2022 16:01

Tgt Ion: 59 Resp: 349
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.3 12.5#

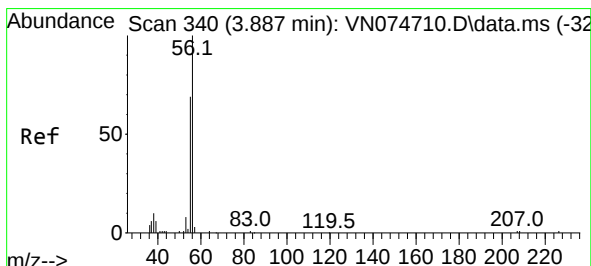
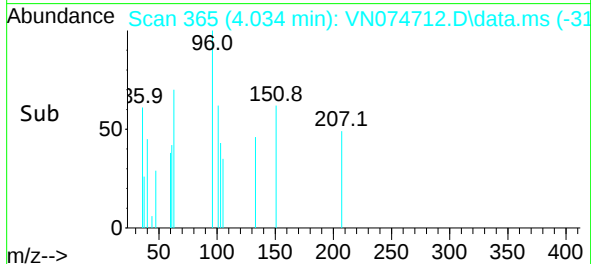
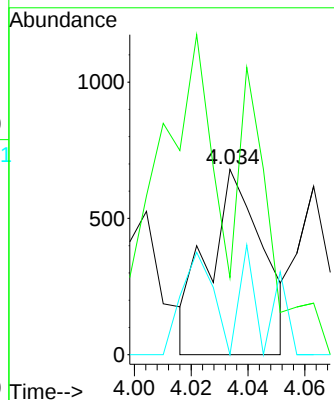
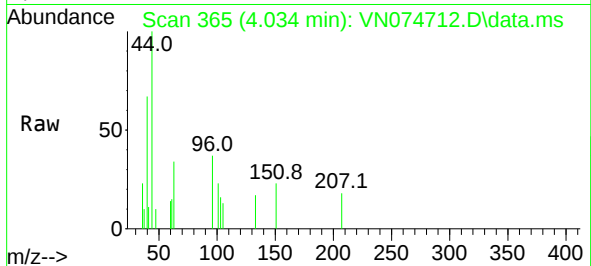




#12
1,1-Dichloroethene
Concen: 0.243 ug/l
RT: 4.034 min Scan# 30
Delta R.T. 0.018 min
Lab File: VN074712.D
Acq: 03 Oct 2022 16:01

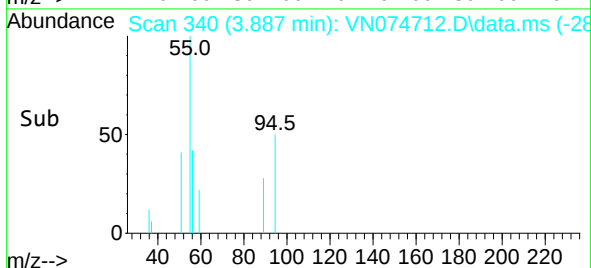
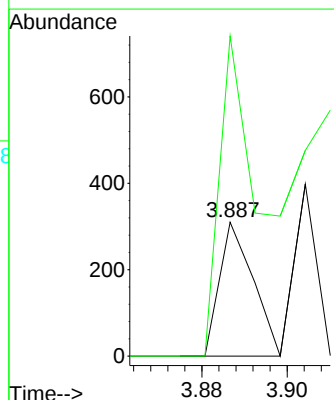
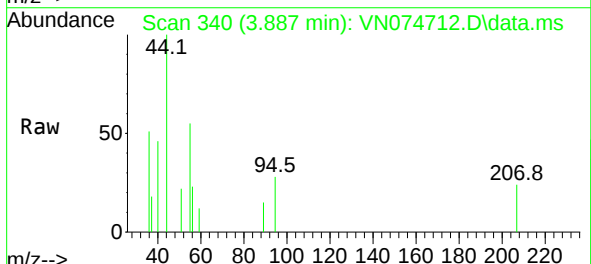
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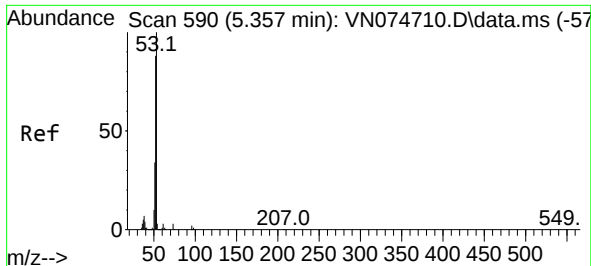
Tgt Ion: 96 Resp: 897
Ion Ratio Lower Upper
96 100
61 25.4 127.6 191.4#
98 0.0 51.2 76.8#



#13
Acrolein
Concen: Below Cal
RT: 3.887 min Scan# 340
Delta R.T. -0.000 min
Lab File: VN074712.D
Acq: 03 Oct 2022 16:01

Tgt Ion: 56 Resp: 169
Ion Ratio Lower Upper
56 100
55 291.1 54.8 82.2#

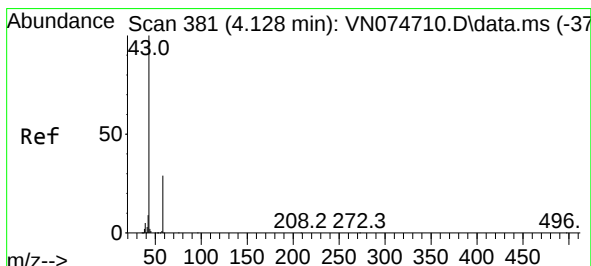
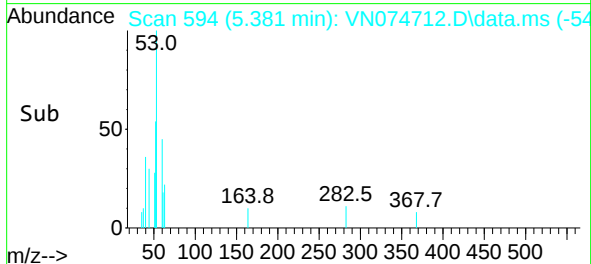
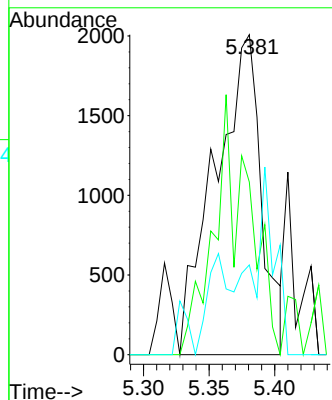
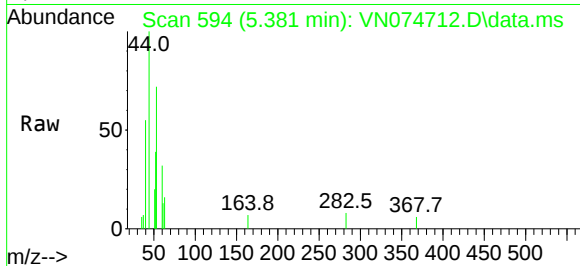




#15
Acrylonitrile
Concen: 1.545 ug/l
RT: 5.381 min Scan# 590
Delta R.T. 0.018 min
Lab File: VN074712.D
Acq: 03 Oct 2022 16:01

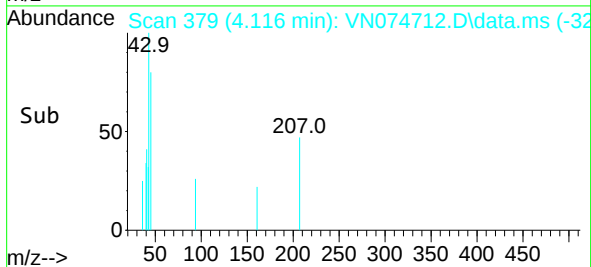
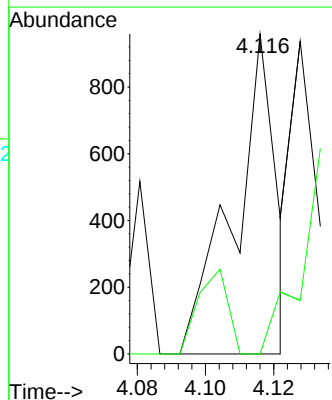
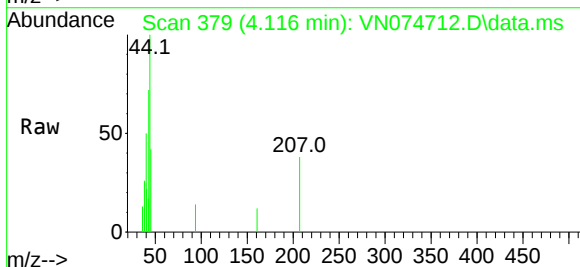
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ClientSampleId :
IBLK

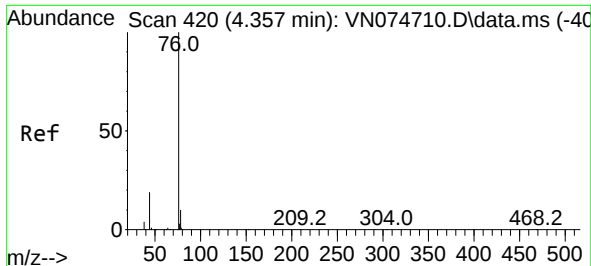
Tgt Ion: 53 Resp: 4938
Ion Ratio Lower Upper
53 100
52 0.0 66.4 99.6#
51 27.2 28.5 42.7#



#16
Acetone
Concen: 0.299 ug/l
RT: 4.116 min Scan# 379
Delta R.T. -0.006 min
Lab File: VN074712.D
Acq: 03 Oct 2022 16:01

Tgt Ion: 43 Resp: 820
Ion Ratio Lower Upper
43 100
58 0.0 26.0 39.0#

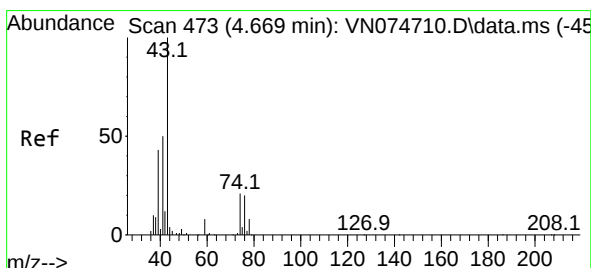
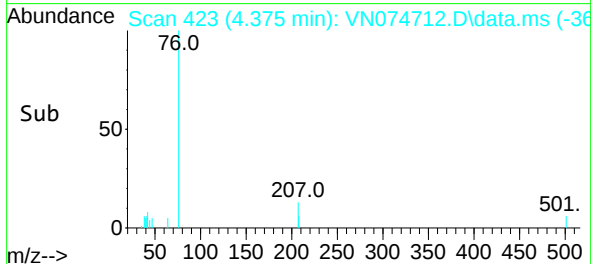
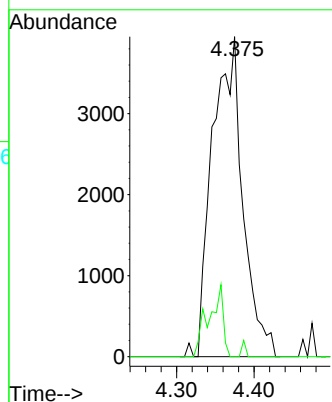
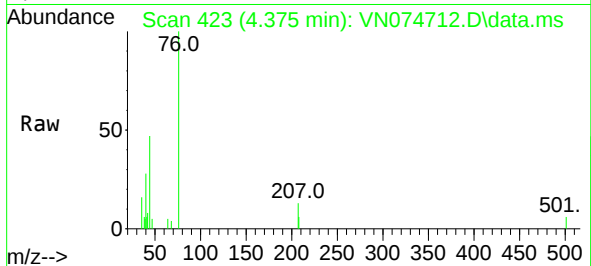




#17
Carbon Disulfide
Concen: 0.999 ug/l
RT: 4.375 min Scan# 41
Delta R.T. 0.018 min
Lab File: VN074712.D
Acq: 03 Oct 2022 16:01

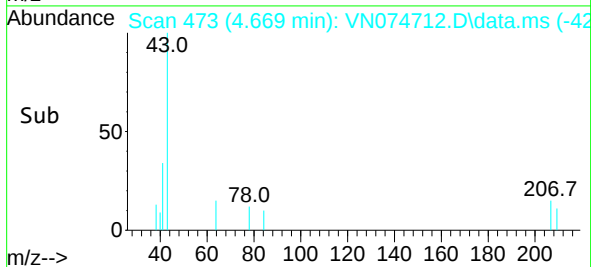
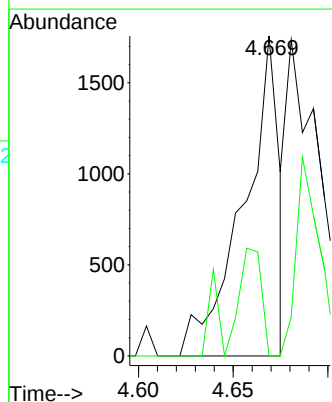
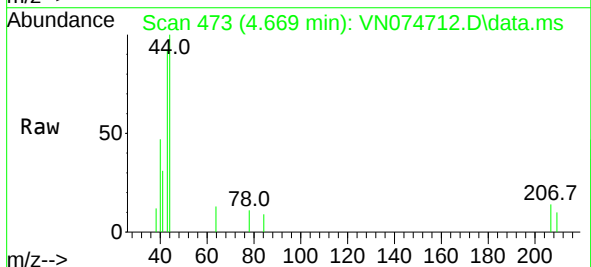
Instrument :
MSVOA_N
ClientSampleId :
IBLK

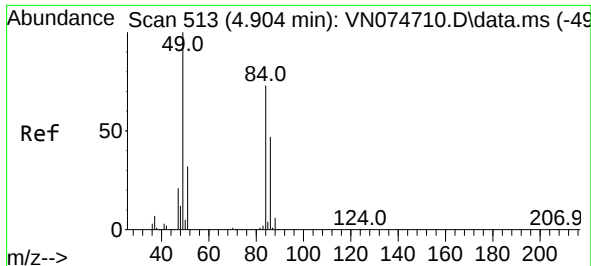
Tgt Ion: 76 Resp: 10781
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#18
Methyl Acetate
Concen: 0.245 ug/l
RT: 4.669 min Scan# 473
Delta R.T. 0.006 min
Lab File: VN074712.D
Acq: 03 Oct 2022 16:01

Tgt Ion: 43 Resp: 2295
Ion Ratio Lower Upper
43 100
74 21.1 21.6 32.4#

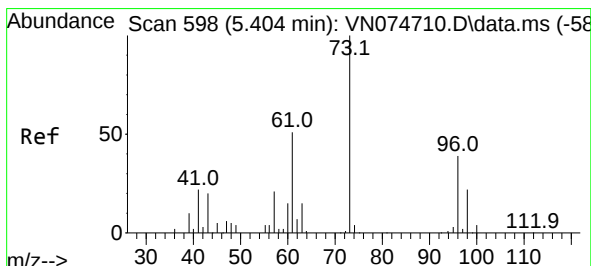
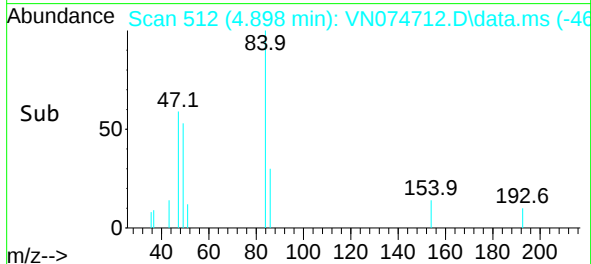
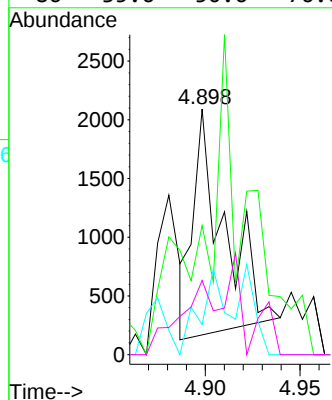
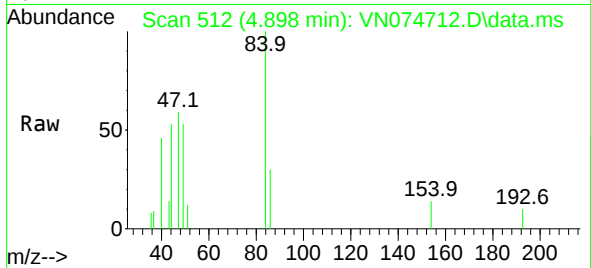




#20
Methylene Chloride
Concen: 0.508 ug/l
RT: 4.898 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN074712.D
Acq: 03 Oct 2022 16:01

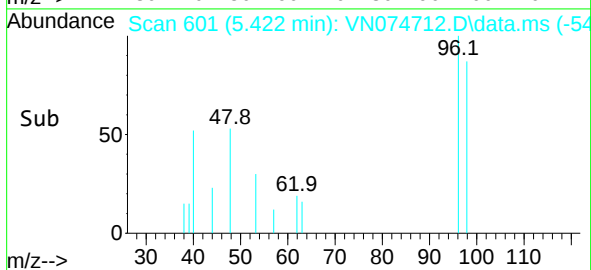
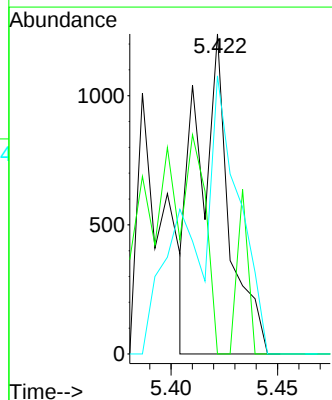
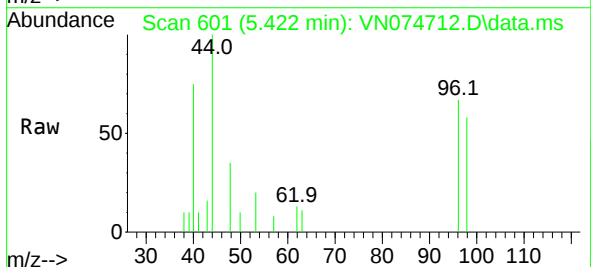
Instrument :
MSVOA_N
ClientSampleId :
IBLK

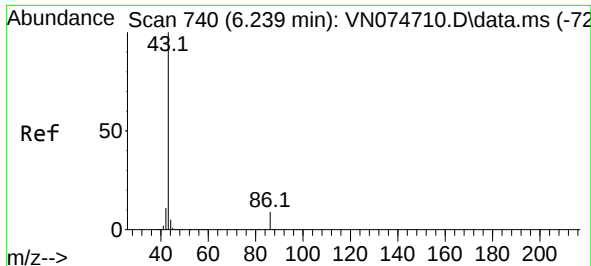
Tgt Ion: 84 Resp: 2144
Ion Ratio Lower Upper
84 100
49 34.0 88.3 132.5#
51 14.5 28.2 42.2#
86 35.6 50.6 76.0#



#21
trans-1,2-Dichloroethene
Concen: 0.322 ug/l
RT: 5.422 min Scan# 601
Delta R.T. 0.018 min
Lab File: VN074712.D
Acq: 03 Oct 2022 16:01

Tgt Ion: 96 Resp: 1285
Ion Ratio Lower Upper
96 100
61 0.0 105.8 158.8#
98 86.9 50.3 75.5#

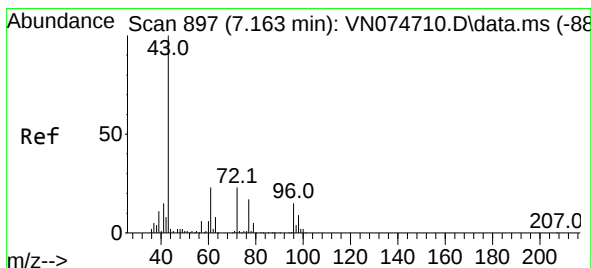
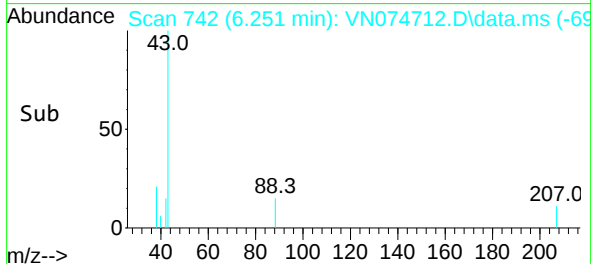
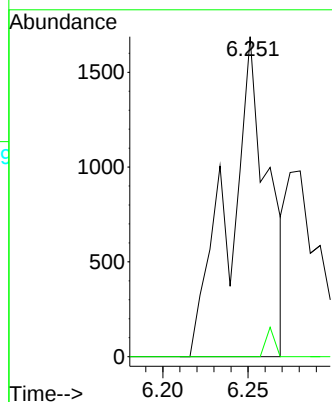
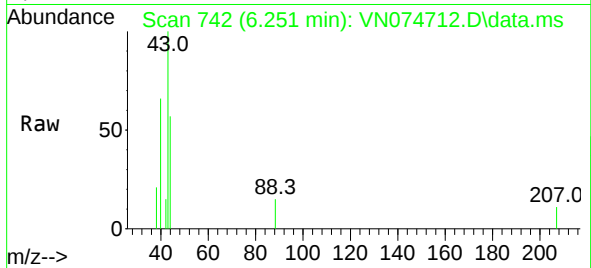




#23
 Vinyl Acetate
 Concen: 13.934 ug/l
 RT: 6.251 min Scan# 741
 Delta R.T. 0.006 min
 Lab File: VN074712.D
 Acq: 03 Oct 2022 16:01

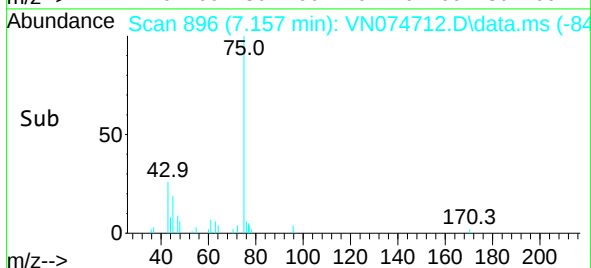
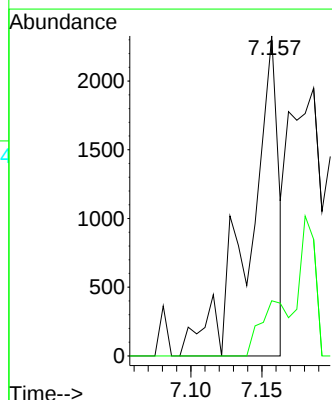
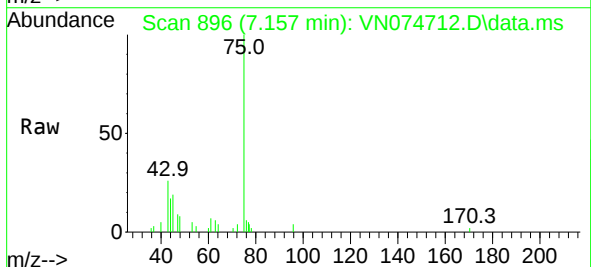
Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

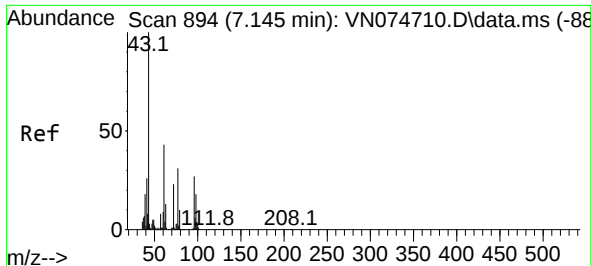
Tgt Ion: 43 Resp: 2679
 Ion Ratio Lower Upper
 43 100
 86 0.0 10.0 15.0#



#25
 2-Butanone
 Concen: 0.681 ug/l
 RT: 7.157 min Scan# 896
 Delta R.T. -0.006 min
 Lab File: VN074712.D
 Acq: 03 Oct 2022 16:01

Tgt Ion: 43 Resp: 3319
 Ion Ratio Lower Upper
 43 100
 72 17.2 23.7 35.5#





#27

cis-1,2-Dichloroethene

Concen: 0.314 ug/l

RT: 7.139 min Scan# 894

Delta R.T. -0.012 min

Lab File: VN074712.D

Acq: 03 Oct 2022 16:01

Instrument :

MSVOA_N

ClientSampleId :

IBLK

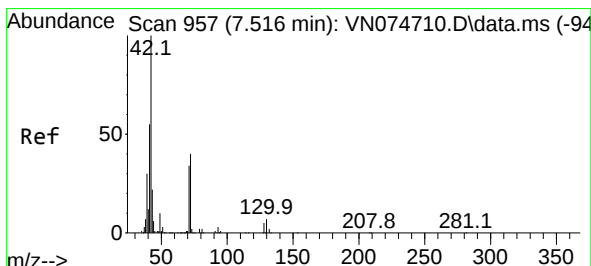
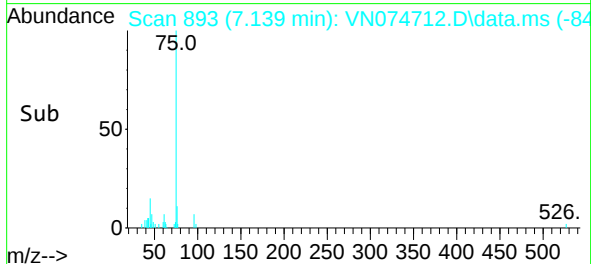
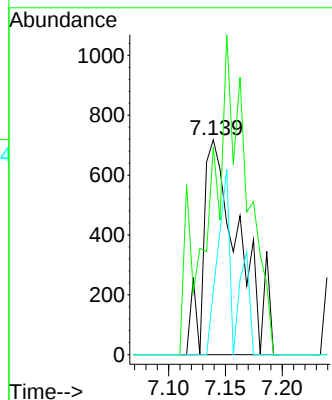
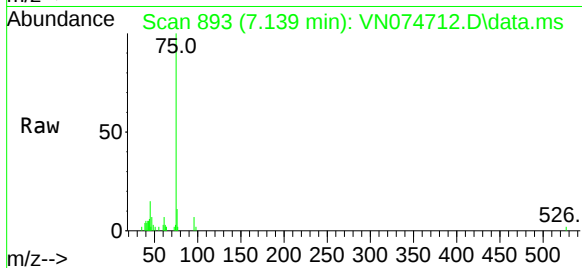
Tgt Ion: 96 Resp: 1568

Ion Ratio Lower Upper

96 100

61 135.8 0.0 280.6

98 41.5 0.0 128.4



#29

Tetrahydrofuran

Concen: 0.227 ug/l

RT: 7.522 min Scan# 958

Delta R.T. 0.006 min

Lab File: VN074712.D

Acq: 03 Oct 2022 16:01

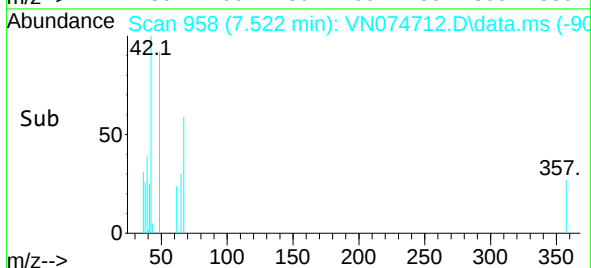
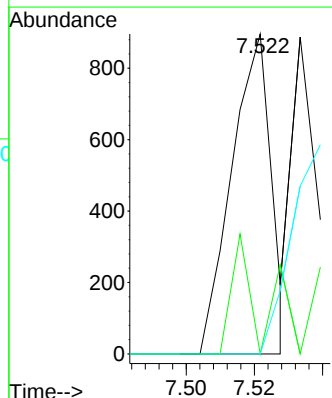
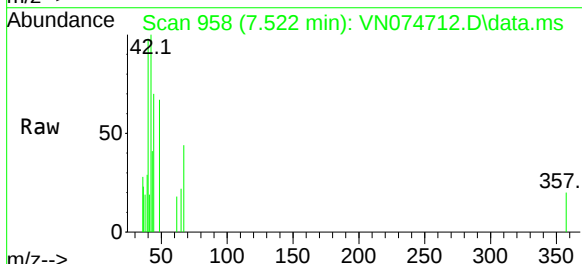
Tgt Ion: 42 Resp: 728

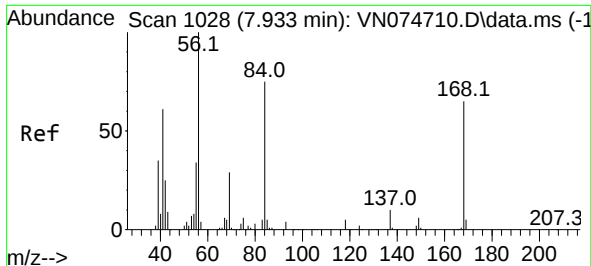
Ion Ratio Lower Upper

42 100

72 16.3 39.7 59.5#

71 0.0 36.6 55.0#

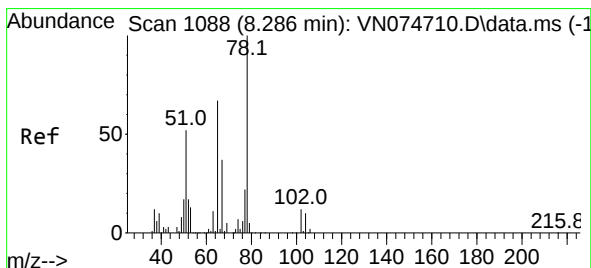
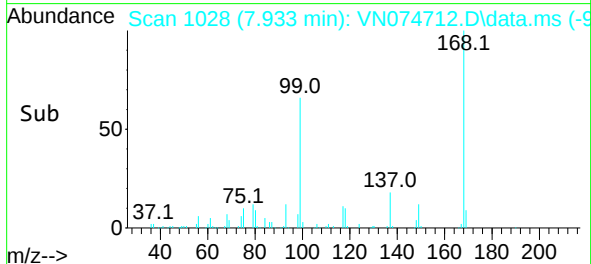
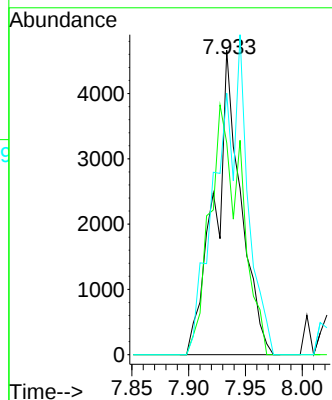
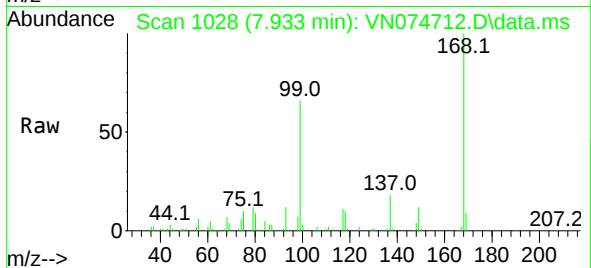




#31
Cyclohexane
Concen: 0.938 ug/l
RT: 7.933 min Scan# 1028
Delta R.T. 0.000 min
Lab File: VN074712.D
Acq: 03 Oct 2022 16:01

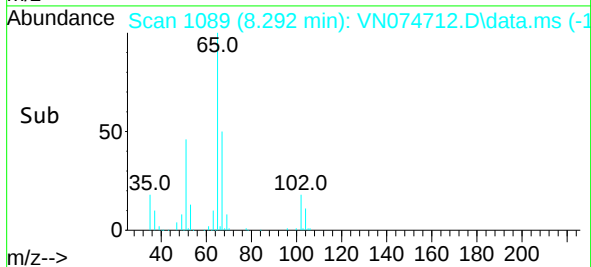
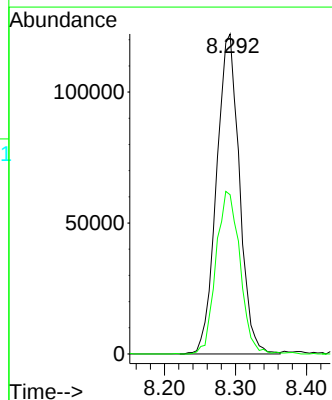
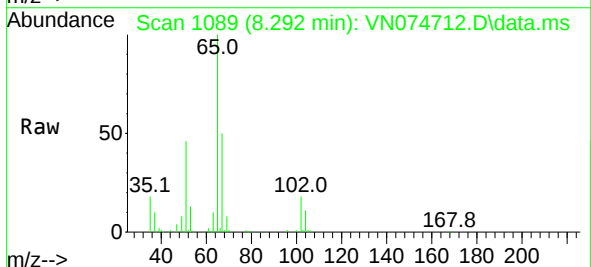
Instrument :
MSVOA_N
ClientSampleId :
IBLK

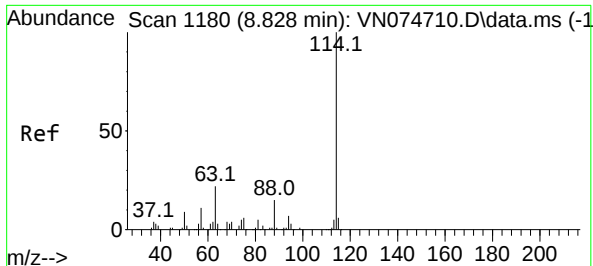
Tgt Ion: 56 Resp: 7458
Ion Ratio Lower Upper
56 100
69 69.6 27.8 41.8#
84 85.9 76.9 115.3



#33
1,2-Dichloroethane-d4
Concen: 53.038 ug/l
RT: 8.292 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VN074712.D
Acq: 03 Oct 2022 16:01

Tgt Ion: 65 Resp: 272888
Ion Ratio Lower Upper
65 100
67 53.3 0.0 104.8

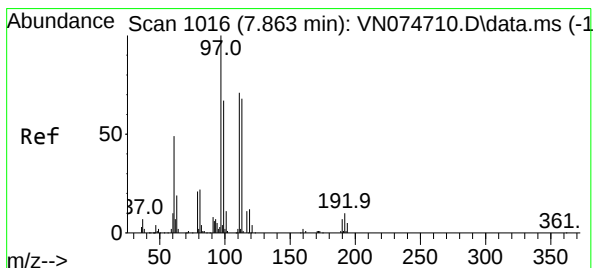
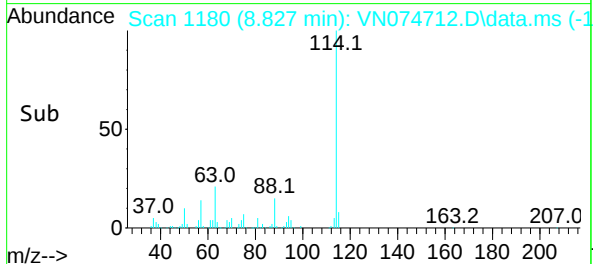
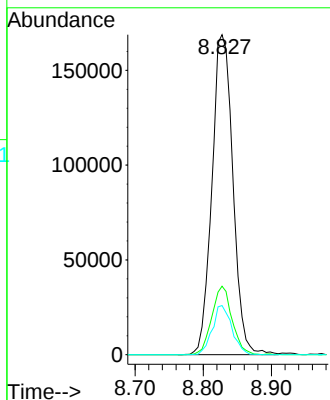
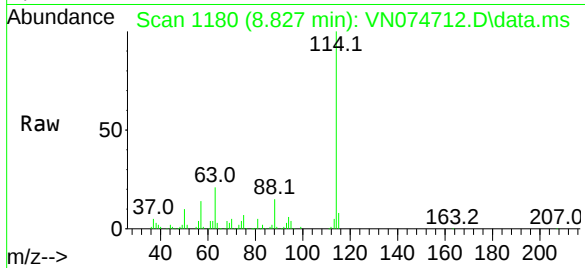




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.827 min Scan# 1180
Delta R.T. -0.001 min
Lab File: VN074712.D
Acq: 03 Oct 2022 16:01

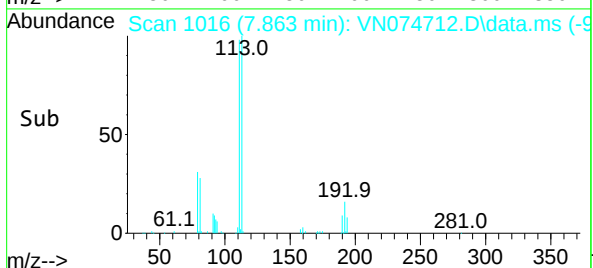
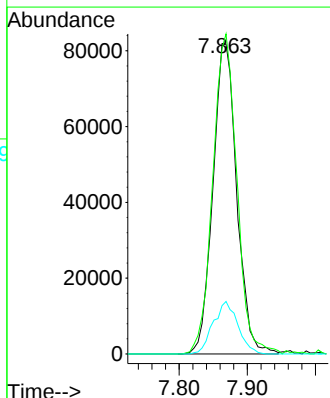
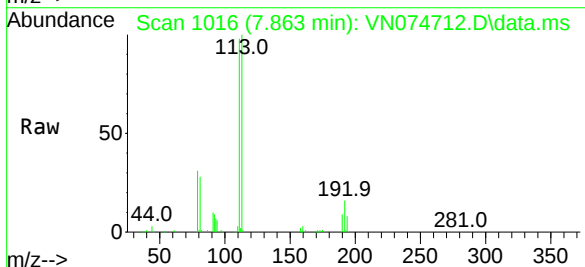
Instrument :
MSVOA_N
ClientSampleId :
IBLK

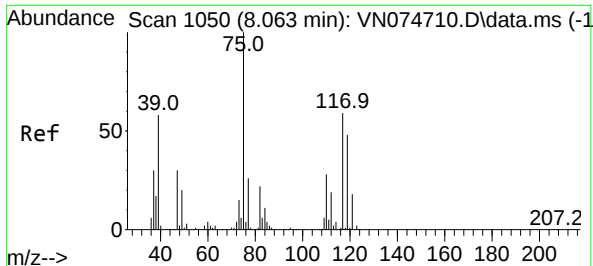
Tgt Ion:114 Resp: 362390
Ion Ratio Lower Upper
114 100
63 21.4 0.0 40.0
88 15.3 0.0 32.6



#35
Dibromofluoromethane
Concen: 51.286 ug/l
RT: 7.863 min Scan# 1016
Delta R.T. -0.006 min
Lab File: VN074712.D
Acq: 03 Oct 2022 16:01

Tgt Ion:113 Resp: 199798
Ion Ratio Lower Upper
113 100
111 103.9 81.4 122.0
192 17.5 17.0 25.6





#36

1,1-Dichloropropene

Concen: 0.242 ug/l

RT: 8.075 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN074712.D

Acq: 03 Oct 2022 16:01

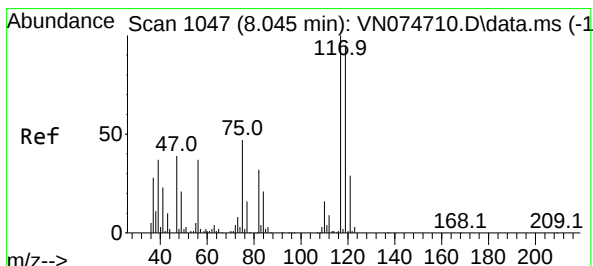
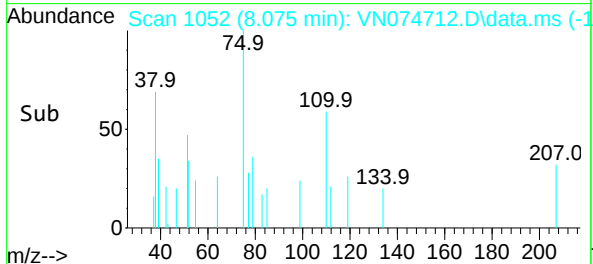
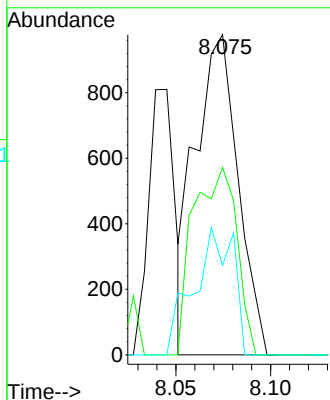
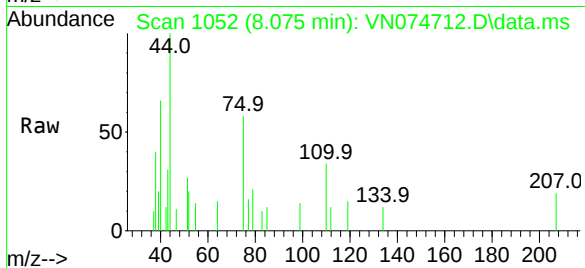
Instrument :

MSVOA_N

ClientSampleId :

IBLK

Tgt Ion:	75	Resp:	1534
Ion	Ratio	Lower	Upper
75	100		
110	59.6	18.3	54.8#
77	36.7	25.1	37.7



#38

Carbon Tetrachloride

Concen: 3.891 ug/l

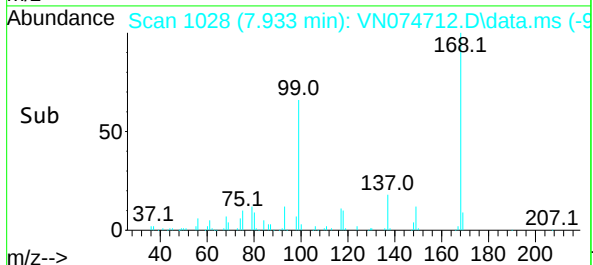
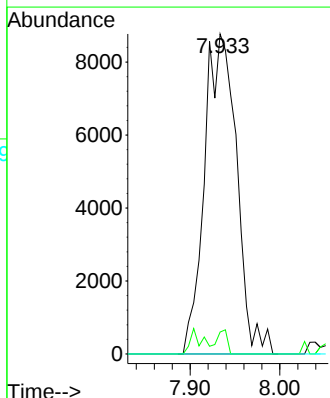
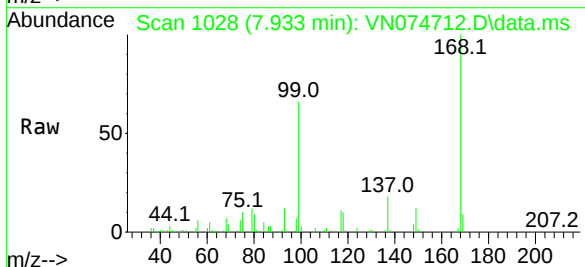
RT: 7.933 min Scan# 1028

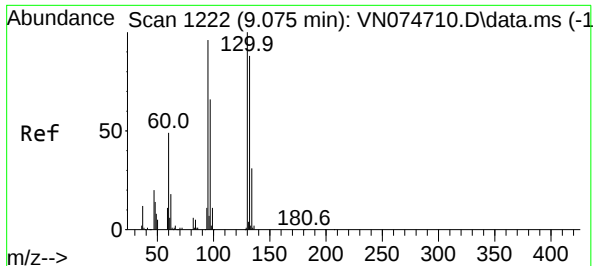
Delta R.T. -0.124 min

Lab File: VN074712.D

Acq: 03 Oct 2022 16:01

Tgt Ion:	117	Resp:	21832
Ion	Ratio	Lower	Upper
117	100		
119	6.9	75.8	113.8#
121	0.0	24.6	37.0#

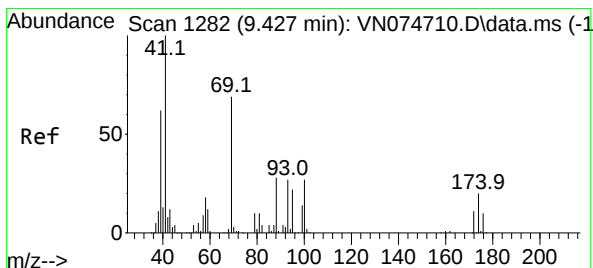
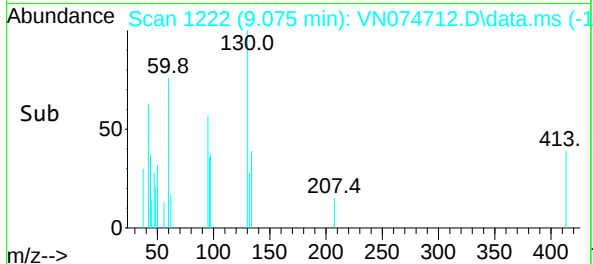
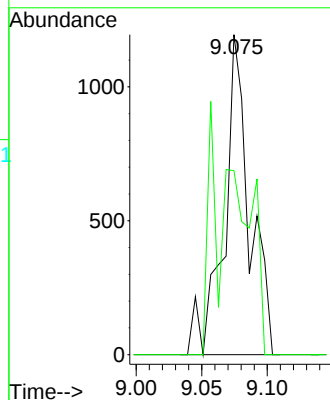
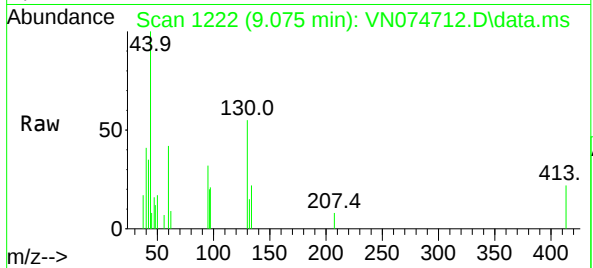




#44
Trichloroethene
Concen: 0.376 ug/l
RT: 9.075 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN074712.D
Acq: 03 Oct 2022 16:01

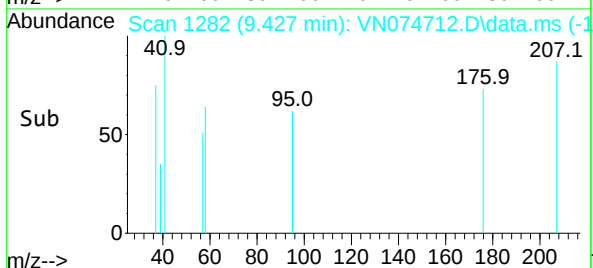
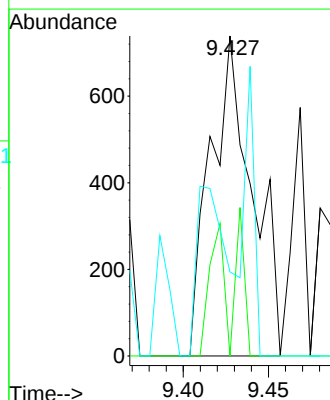
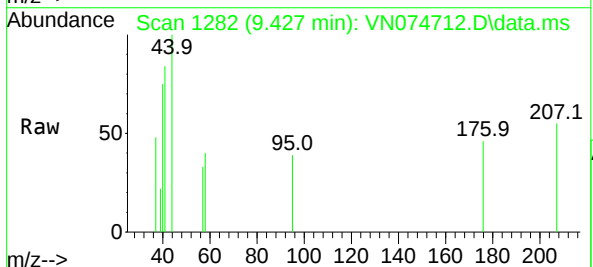
Instrument :
MSVOA_N
ClientSampleId :
IBLK

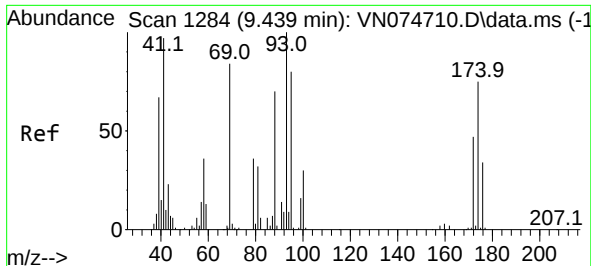
Tgt Ion:130 Resp: 1604
Ion Ratio Lower Upper
130 100
95 57.5 0.0 186.8



#48
Methyl methacrylate
Concen: 0.204 ug/l
RT: 9.427 min Scan# 1282
Delta R.T. 0.000 min
Lab File: VN074712.D
Acq: 03 Oct 2022 16:01

Tgt Ion: 41 Resp: 1263
Ion Ratio Lower Upper
41 100
69 24.0 74.7 112.1#
39 18.7 45.6 68.4#





#49

1,4-Dioxane

Concen: 1.682 ug/l

RT: 9.451 min Scan# 1286

Delta R.T. 0.018 min

Lab File: VN074712.D

Acq: 03 Oct 2022 16:01

Instrument :

MSVOA_N

ClientSampleId :

IBLK

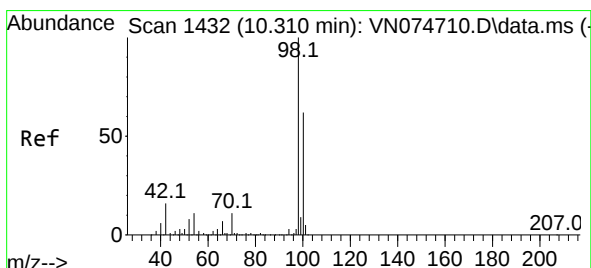
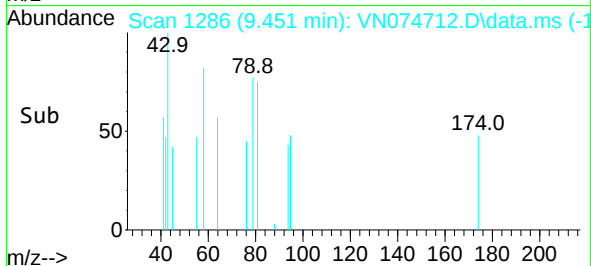
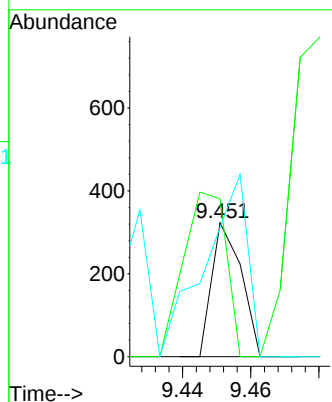
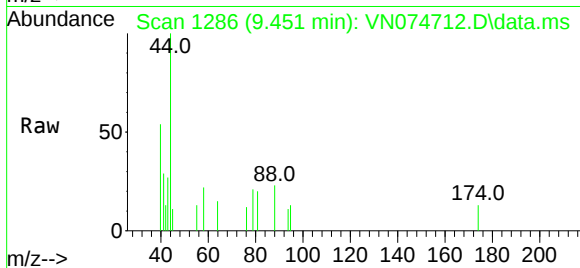
Tgt Ion: 88 Resp: 193

Ion Ratio Lower Upper

88 100

43 179.3 20.2 30.4#

58 198.4 54.2 81.4#



#50

Toluene-d8

Concen: 51.777 ug/l

RT: 10.310 min Scan# 1432

Delta R.T. -0.000 min

Lab File: VN074712.D

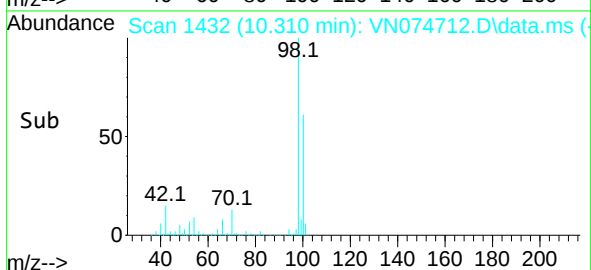
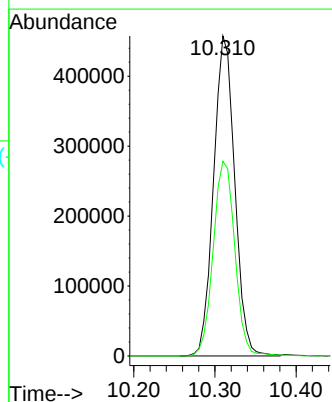
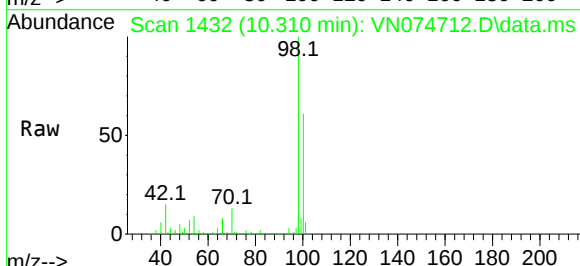
Acq: 03 Oct 2022 16:01

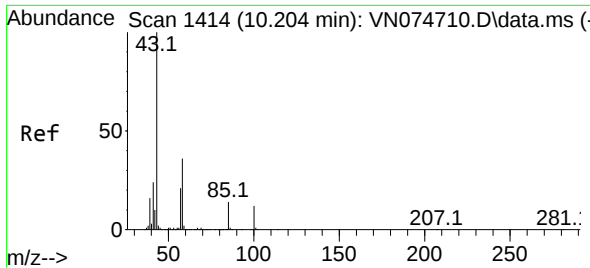
Tgt Ion: 98 Resp: 829097

Ion Ratio Lower Upper

98 100

100 62.4 52.6 78.8

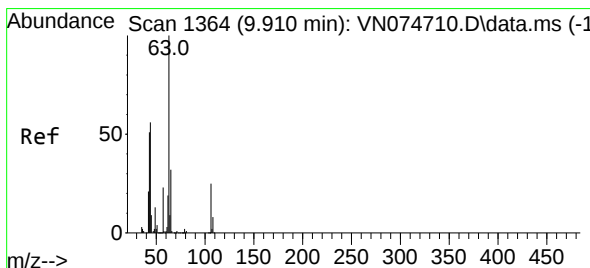
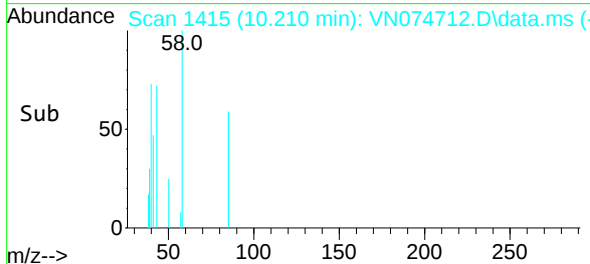
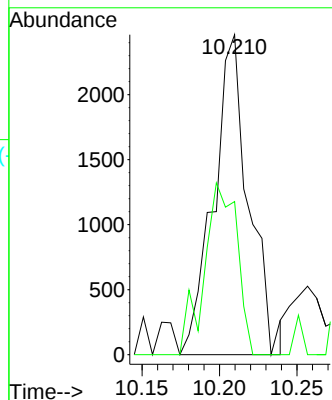
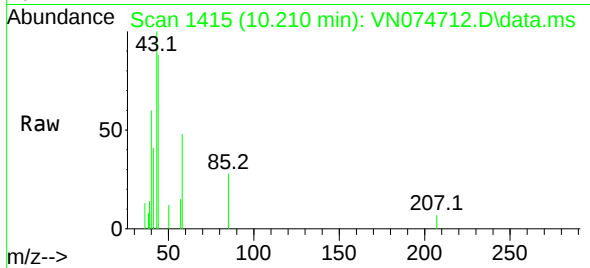




#51
4-Methyl-2-Pentanone
Concen: 0.398 ug/l
RT: 10.210 min Scan# 1415
Delta R.T. 0.006 min
Lab File: VN074712.D
Acq: 03 Oct 2022 16:01

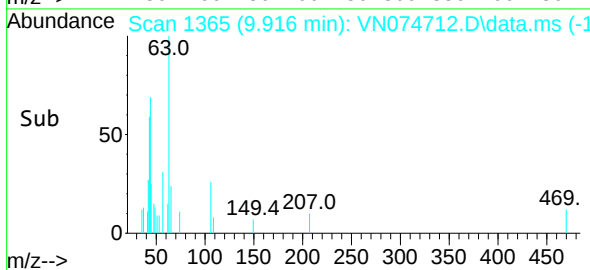
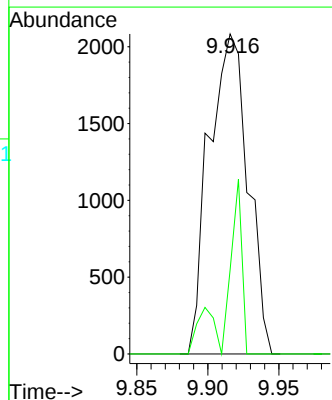
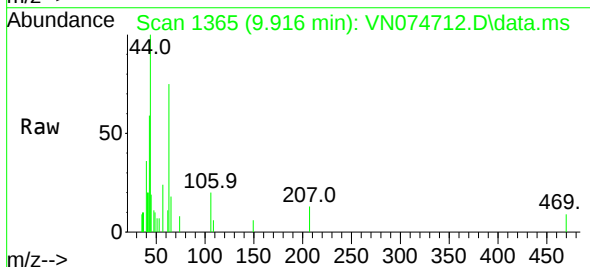
Instrument :
MSVOA_N
ClientSampleId :
IBLK

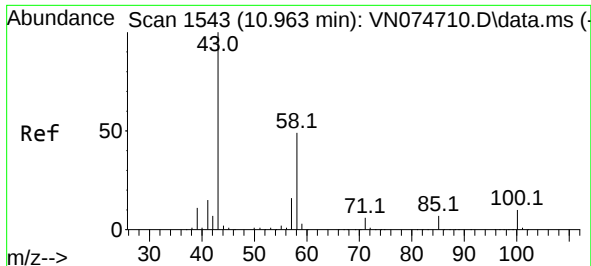
Tgt Ion: 43 Resp: 3880
Ion Ratio Lower Upper
43 100
58 50.1 34.1 51.1



#58
2-Chloroethyl Vinyl ether
Concen: 1.386 ug/l
RT: 9.916 min Scan# 1365
Delta R.T. -0.000 min
Lab File: VN074712.D
Acq: 03 Oct 2022 16:01

Tgt Ion: 63 Resp: 3983
Ion Ratio Lower Upper
63 100
106 14.9 24.6 36.8#

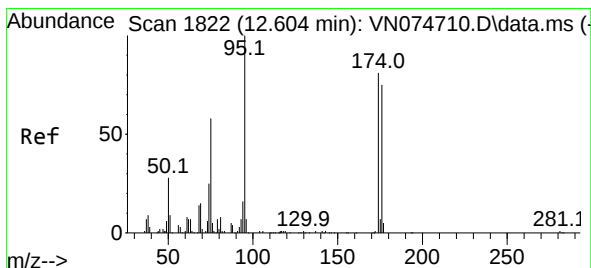
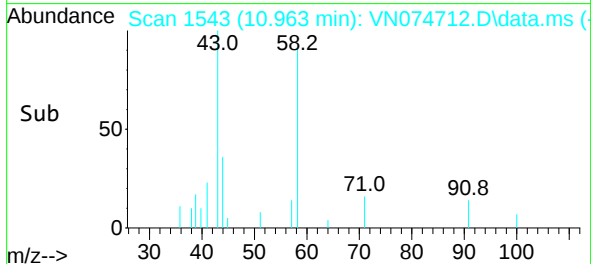
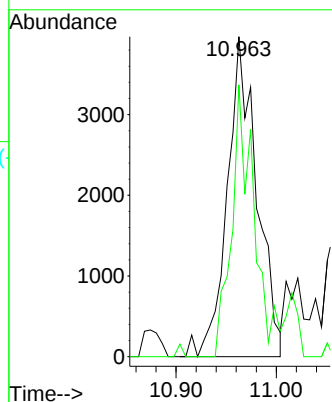
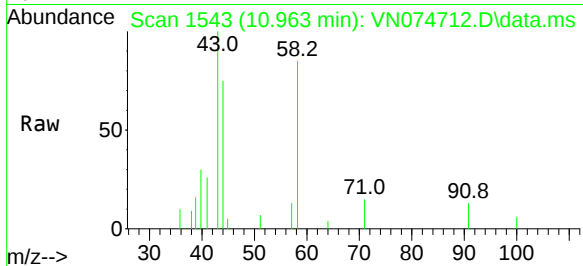




#59
2-Hexanone
Concen: 1.114 ug/l
RT: 10.963 min Scan# 1543
Delta R.T. -0.000 min
Lab File: VN074712.D
Acq: 03 Oct 2022 16:01

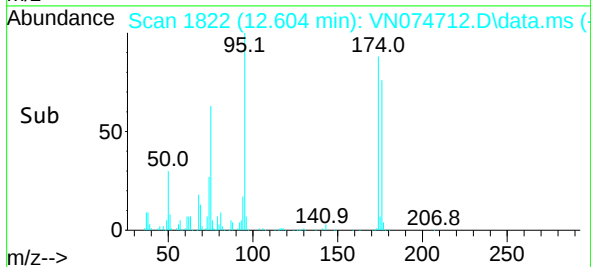
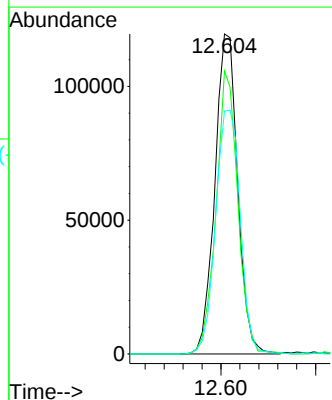
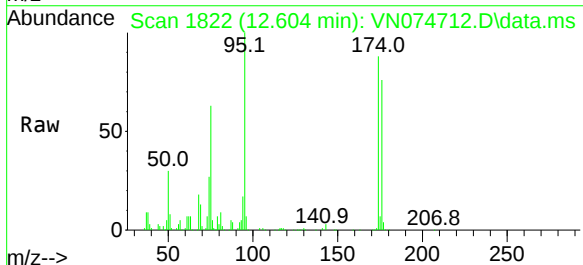
Instrument :
MSVOA_N
ClientSampleId :
IBLK

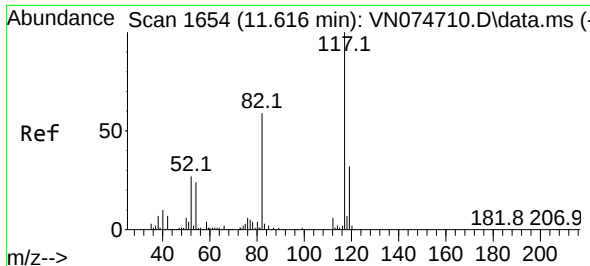
Tgt Ion: 43 Resp: 8143
Ion Ratio Lower Upper
43 100
58 64.6 29.7 89.1



#62
4-Bromofluorobenzene
Concen: 37.726 ug/l
RT: 12.604 min Scan# 1822
Delta R.T. -0.000 min
Lab File: VN074712.D
Acq: 03 Oct 2022 16:01

Tgt Ion: 95 Resp: 200335
Ion Ratio Lower Upper
95 100
174 84.3 0.0 167.6
176 82.0 0.0 163.4

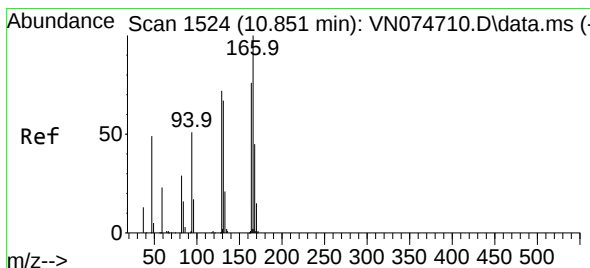
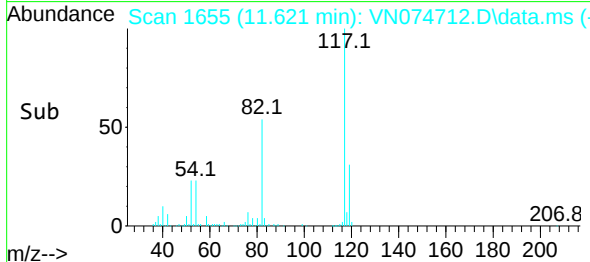
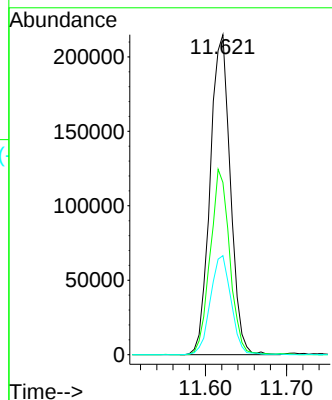
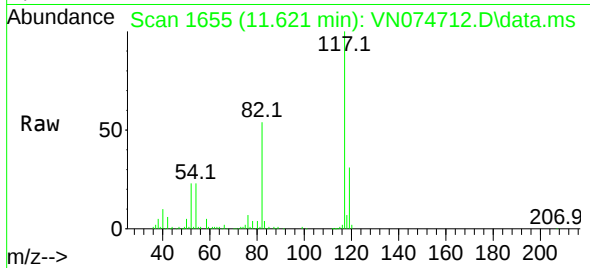




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.621 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN074712.D
Acq: 03 Oct 2022 16:01

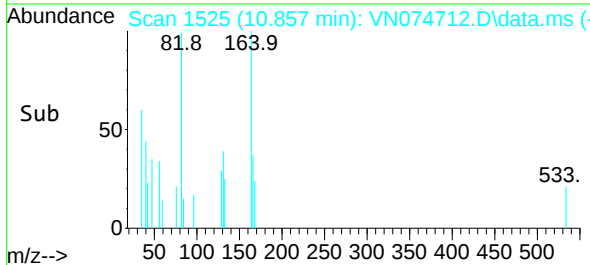
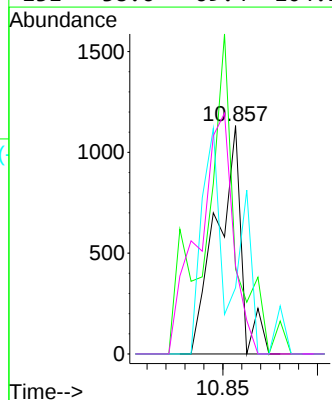
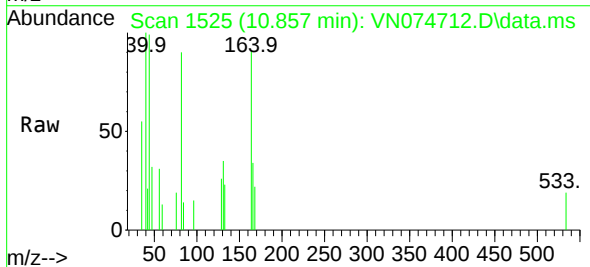
Instrument :
MSVOA_N
ClientSampleId :
IBLK

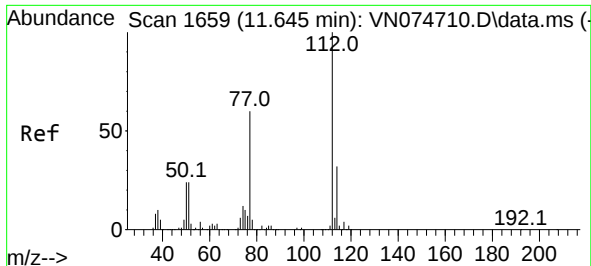
Tgt Ion:117 Resp: 371066
Ion Ratio Lower Upper
117 100
82 53.8 44.2 66.2
119 30.9 25.4 38.0



#64
Tetrachloroethene
Concen: 0.344 ug/l
RT: 10.857 min Scan# 1525
Delta R.T. 0.006 min
Lab File: VN074712.D
Acq: 03 Oct 2022 16:01

Tgt Ion:164 Resp: 1040
Ion Ratio Lower Upper
164 100
166 22.7 104.2 156.2#
129 29.0 73.9 110.9#
131 38.6 69.4 104.2#

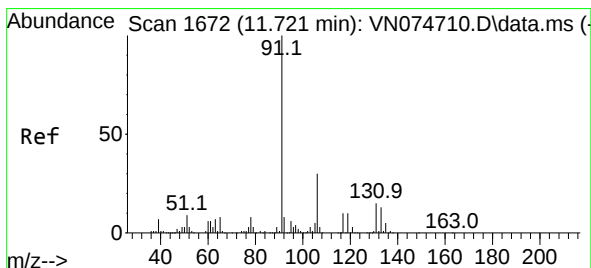
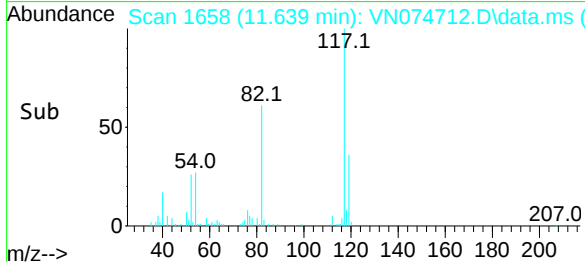
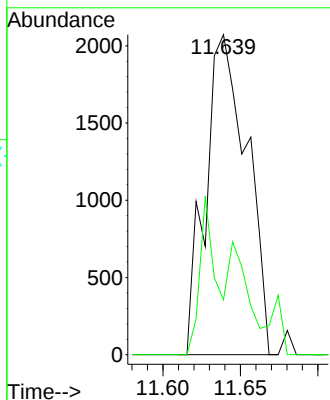
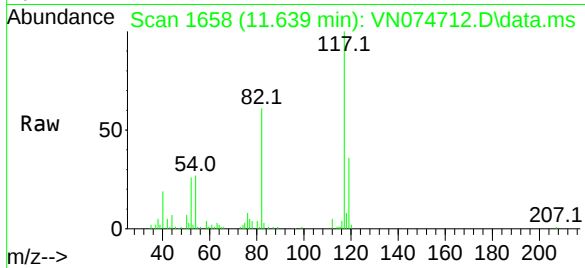




#65
Chlorobenzene
Concen: 0.341 ug/l
RT: 11.639 min Scan# 1658
Delta R.T. -0.006 min
Lab File: VN074712.D
Acq: 03 Oct 2022 16:01

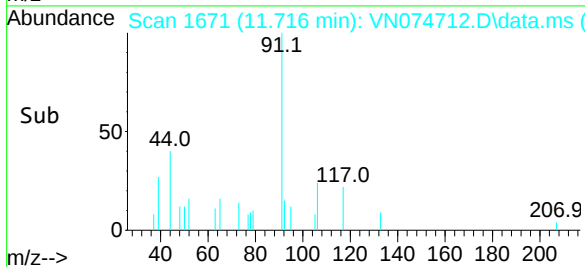
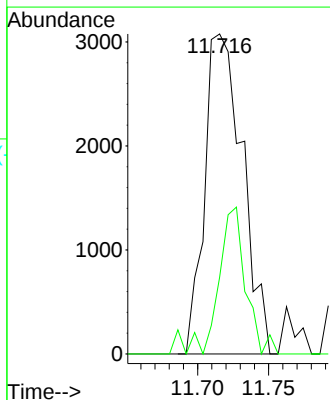
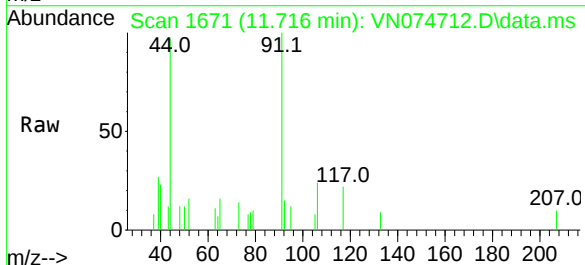
Instrument :
MSVOA_N
ClientSampleId :
IBLK

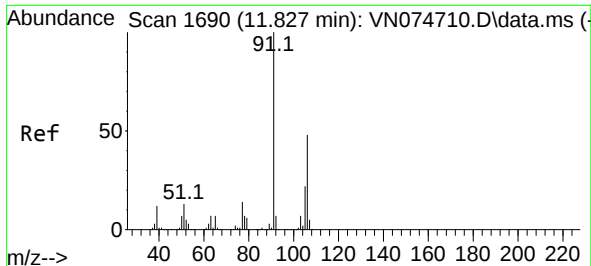
Tgt Ion:112 Resp: 3839
Ion Ratio Lower Upper
112 100
114 17.1 25.4 38.2#



#67
Ethyl Benzene
Concen: 0.272 ug/l
RT: 11.716 min Scan# 1671
Delta R.T. -0.005 min
Lab File: VN074712.D
Acq: 03 Oct 2022 16:01

Tgt Ion: 91 Resp: 5704
Ion Ratio Lower Upper
91 100
106 24.0 24.9 37.3#

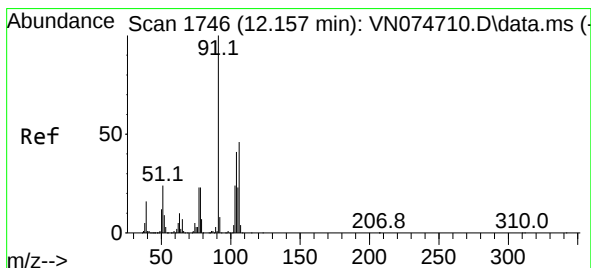
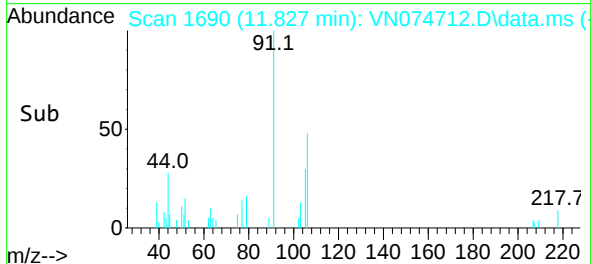
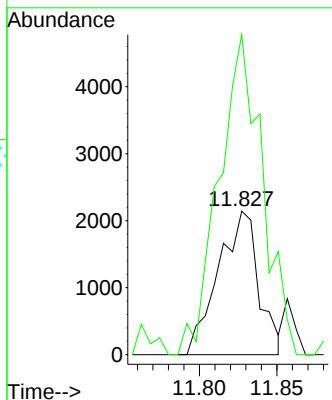
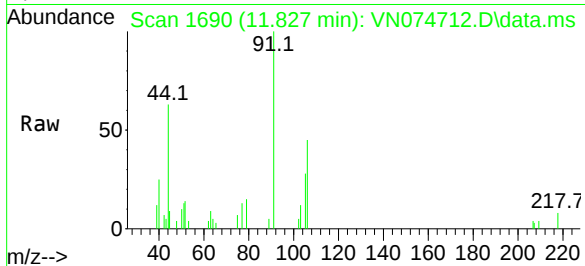




#68
m/p-Xylenes
Concen: 0.497 ug/l
RT: 11.827 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN074712.D
Acq: 03 Oct 2022 16:01

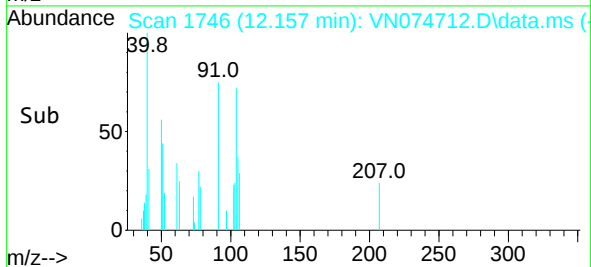
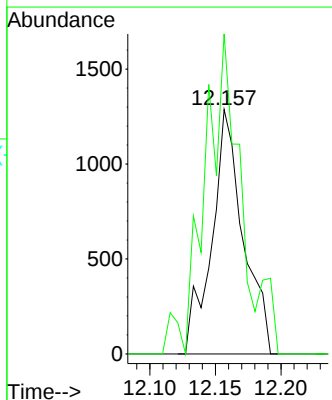
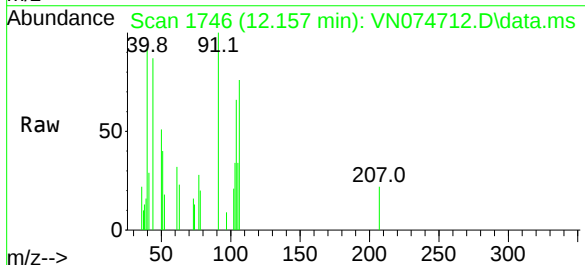
Instrument :
MSVOA_N
ClientSampleId :
IBLK

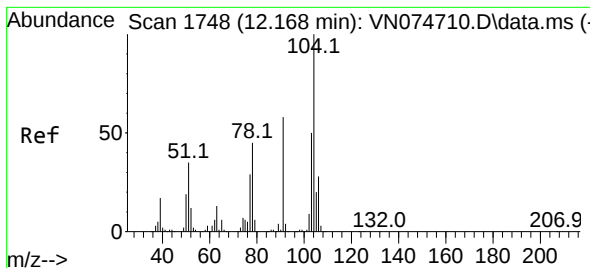
Tgt Ion:106 Resp: 3889
Ion Ratio Lower Upper
106 100
91 239.6 158.9 238.3#



#69
o-Xylene
Concen: 0.273 ug/l
RT: 12.157 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VN074712.D
Acq: 03 Oct 2022 16:01

Tgt Ion:106 Resp: 2147
Ion Ratio Lower Upper
106 100
91 139.6 106.0 318.0





#70

Styrene

Concen: 3.217 ug/l

RT: 12.163 min Scan# 11

Delta R.T. -0.005 min

Lab File: VN074712.D

Acq: 03 Oct 2022 16:01

Instrument :

MSVOA_N

ClientSampleId :

IBLK

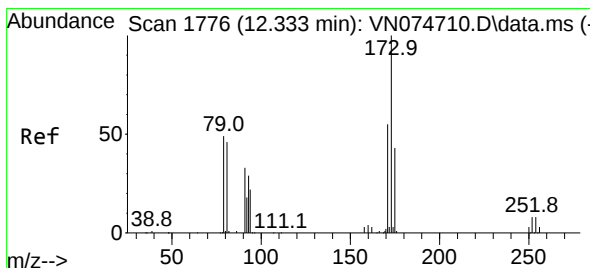
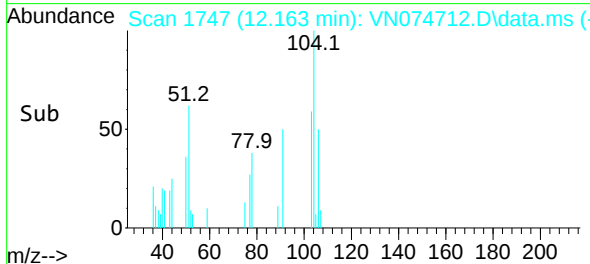
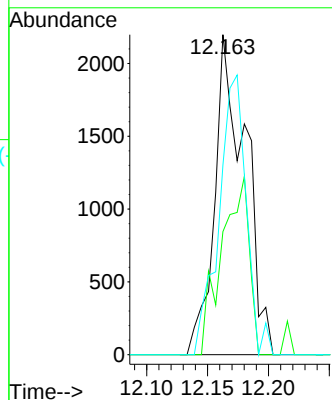
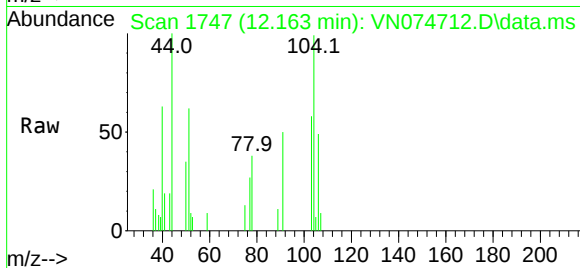
Tgt Ion:104 Resp: 3862

Ion Ratio Lower Upper

104 100

78 49.8 39.5 59.3

103 77.7 44.0 66.0#



#71

Bromoform

Concen: Below Cal

RT: 12.345 min Scan# 1778

Delta R.T. 0.012 min

Lab File: VN074712.D

Acq: 03 Oct 2022 16:01

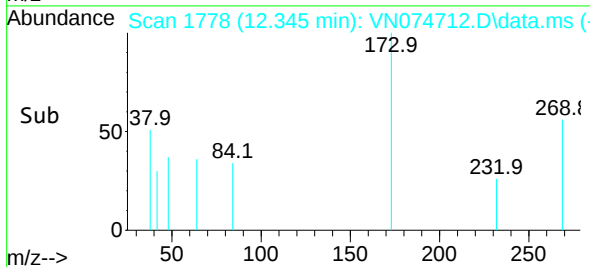
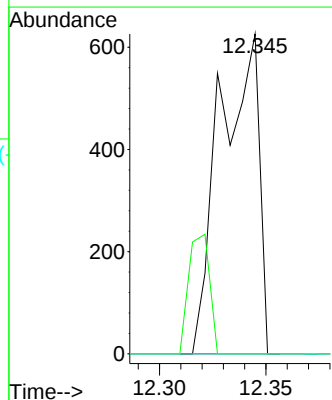
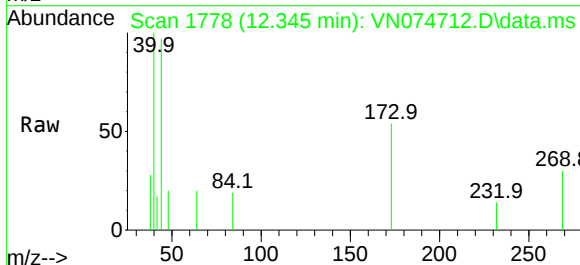
Tgt Ion:173 Resp: 789

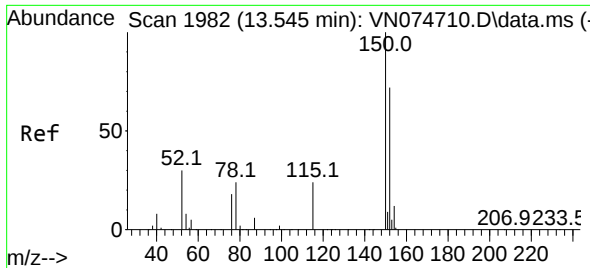
Ion Ratio Lower Upper

173 100

175 0.0 24.6 73.6#

254 0.0 0.1 0.1#

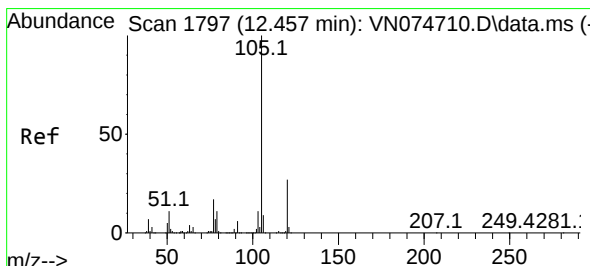
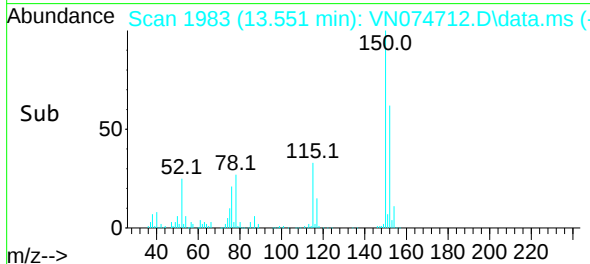
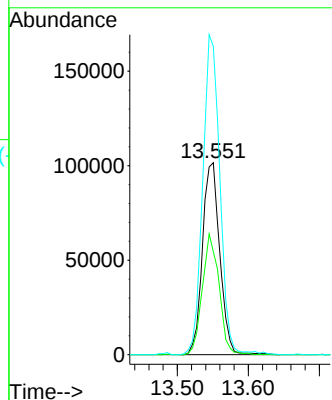
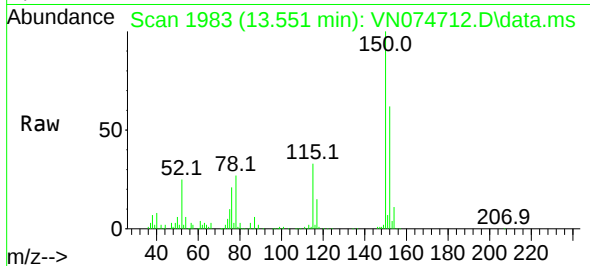




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.551 min Scan# 1983
Delta R.T. -0.000 min
Lab File: VN074712.D
Acq: 03 Oct 2022 16:01

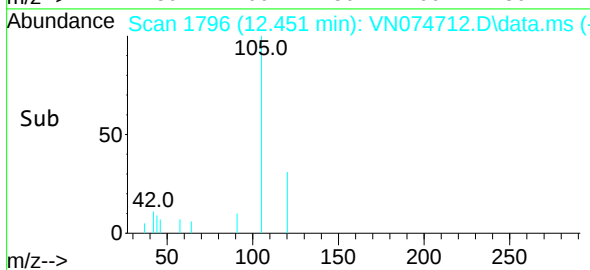
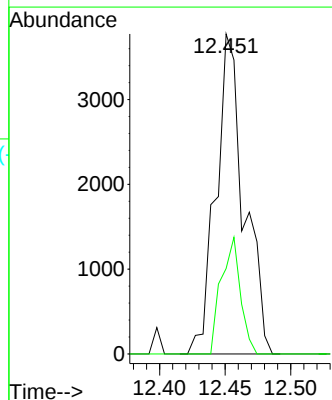
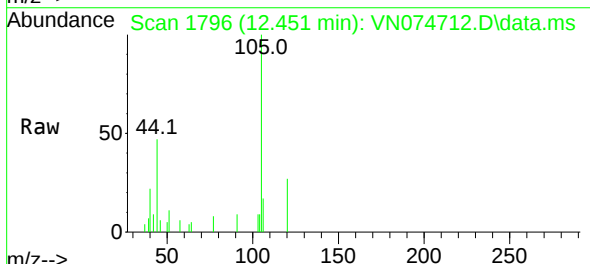
Instrument :
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ClientSampleId :
IBLK

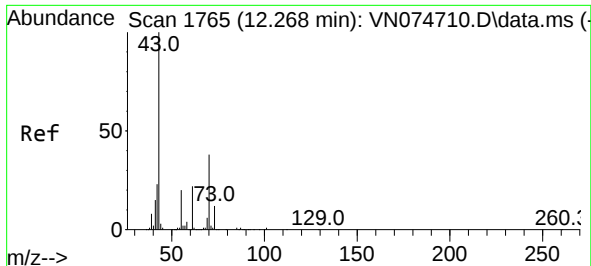
Tgt Ion:152 Resp: 173332
Ion Ratio Lower Upper
152 100
115 60.4 28.9 86.7
150 164.3 0.0 356.2



#73
Isopropylbenzene
Concen: 0.352 ug/l
RT: 12.451 min Scan# 1796
Delta R.T. -0.006 min
Lab File: VN074712.D
Acq: 03 Oct 2022 16:01

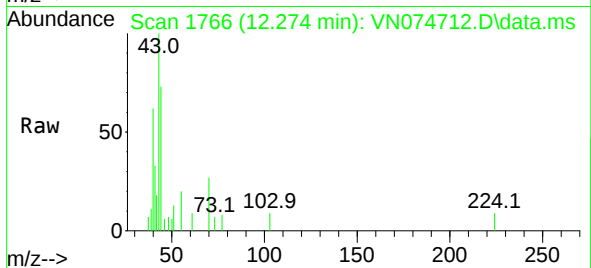
Tgt Ion:105 Resp: 5635
Ion Ratio Lower Upper
105 100
120 24.9 13.5 40.4



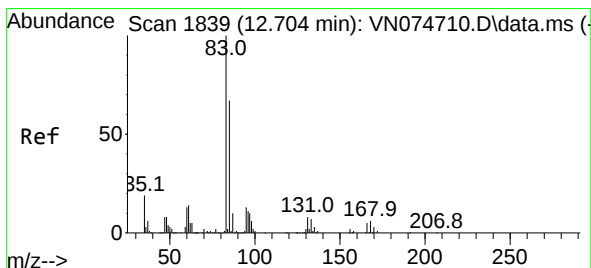
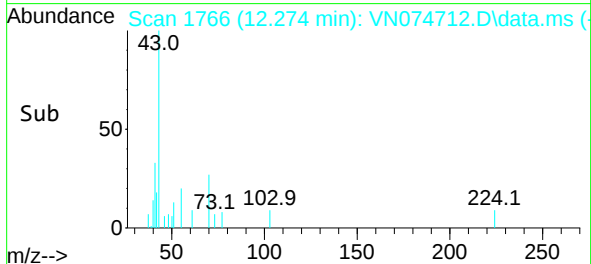
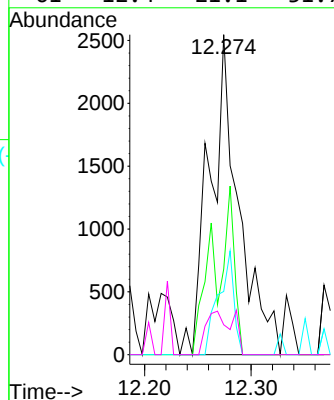


#74
N-amy1 acetate
Concen: 0.610 ug/l
RT: 12.274 min Scan# 1765
Delta R.T. 0.006 min
Lab File: VN074712.D
Acq: 03 Oct 2022 16:01

Instrument :
MSVOA_N
ClientSampleId :
IBLK

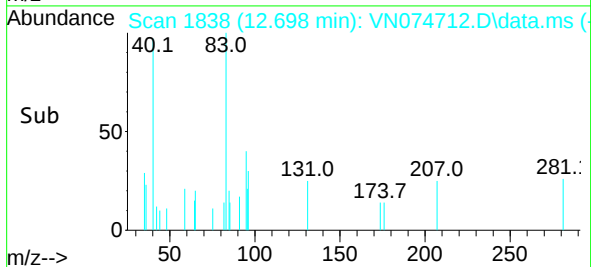
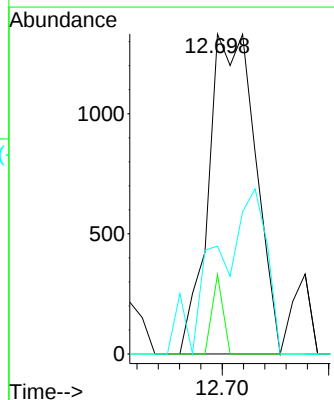
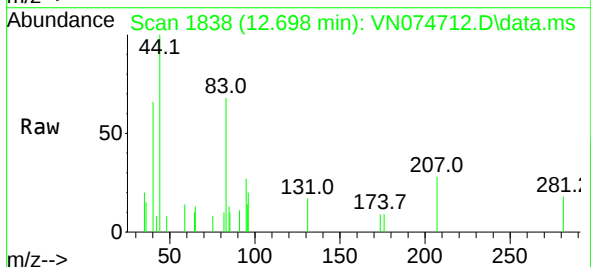


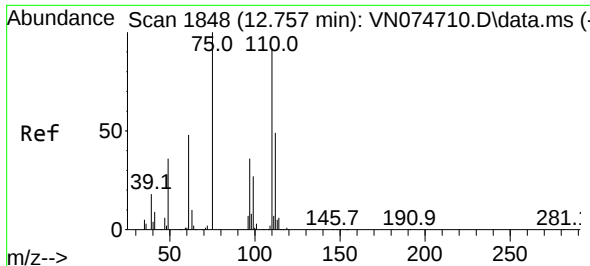
Tgt Ion: 43	Resp: 4826
Ion Ratio	Lower Upper
43 100	
70 18.5	39.0 58.4#
55 17.3	21.1 31.7#
61 12.4	21.1 31.7#



#75
1,1,2,2-Tetrachloroethane
Concen: 0.334 ug/l
RT: 12.698 min Scan# 1838
Delta R.T. -0.006 min
Lab File: VN074712.D
Acq: 03 Oct 2022 16:01

Tgt Ion: 83	Resp: 2038
Ion Ratio	Lower Upper
83 100	
131 5.7	5.3 15.9
85 55.2	32.3 96.9

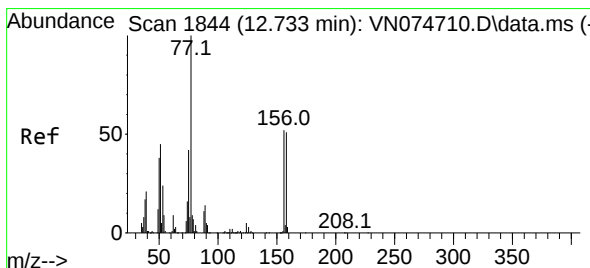
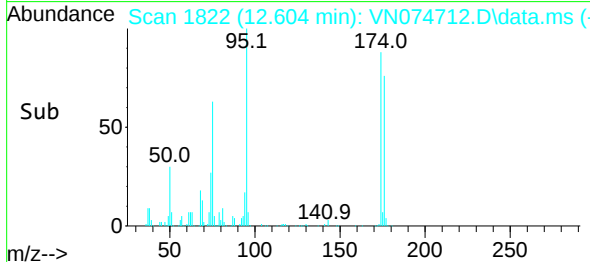
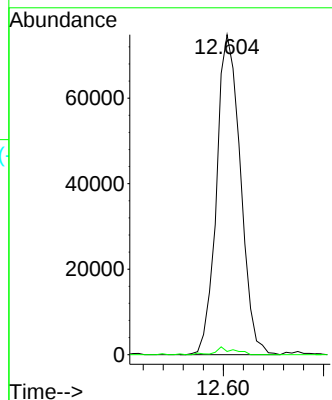
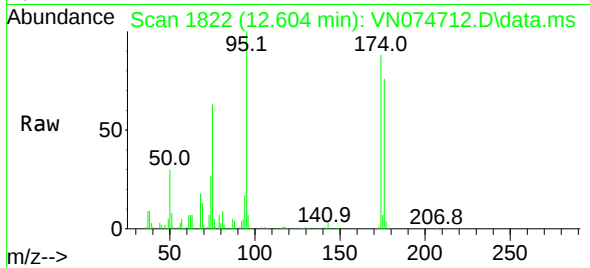




#76
1,2,3-Trichloropropane
Concen: 30.565 ug/l
RT: 12.604 min Scan# 1822
Delta R.T. -0.153 min
Lab File: VN074712.D
Acq: 03 Oct 2022 16:01

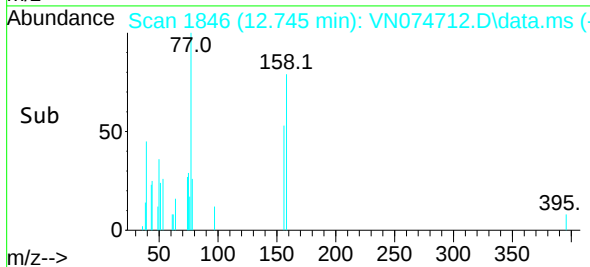
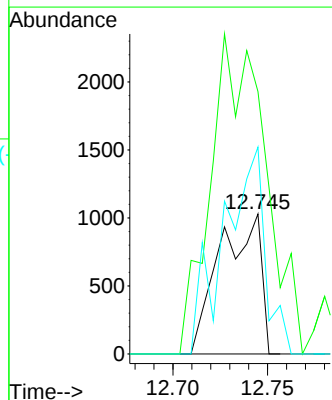
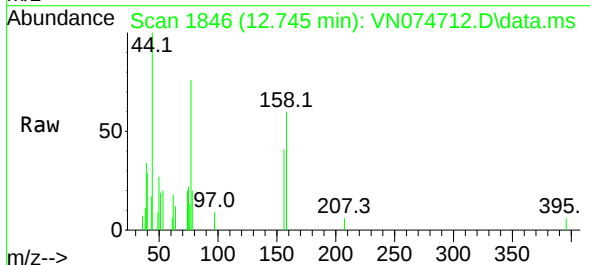
Instrument :
MSVOA_N
ClientSampleId :
IBLK

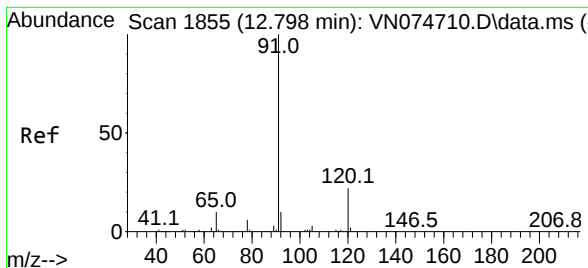
Tgt Ion: 75 Resp: 123827
Ion Ratio Lower Upper
75 100
77 1.9 98.5 295.5#



#77
Bromobenzene
Concen: 0.454 ug/l
RT: 12.745 min Scan# 1846
Delta R.T. 0.012 min
Lab File: VN074712.D
Acq: 03 Oct 2022 16:01

Tgt Ion: 156 Resp: 1553
Ion Ratio Lower Upper
156 100
77 310.2 100.5 301.5#
158 147.8 48.9 146.6#

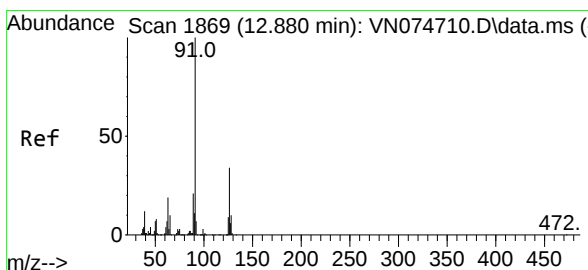
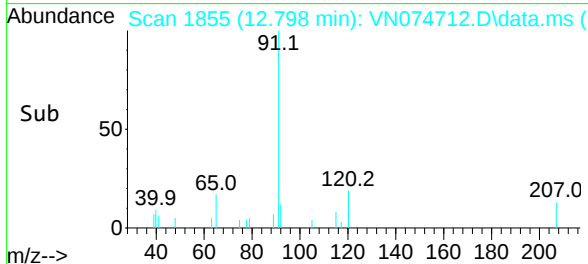
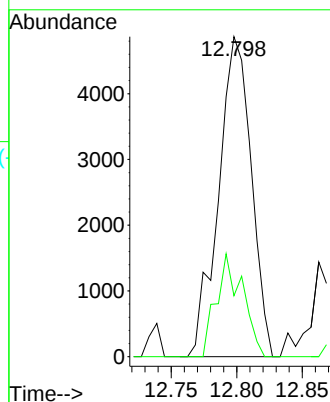
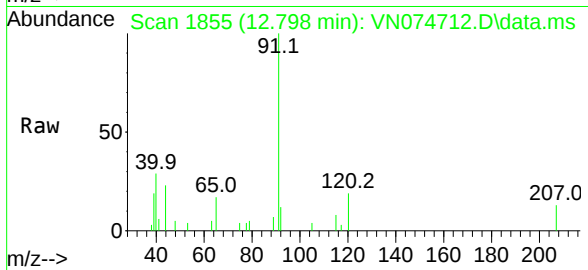




#78
n-propylbenzene
Concen: 0.462 ug/l
RT: 12.798 min Scan# 1855
Delta R.T. -0.000 min
Lab File: VN074712.D
Acq: 03 Oct 2022 16:01

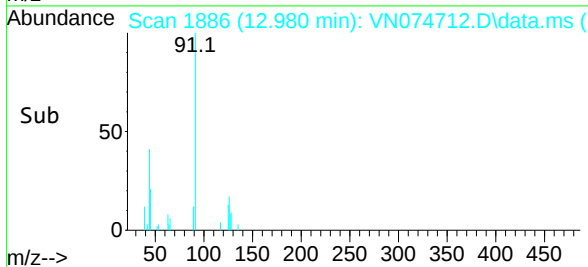
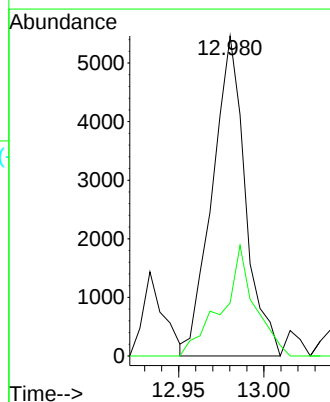
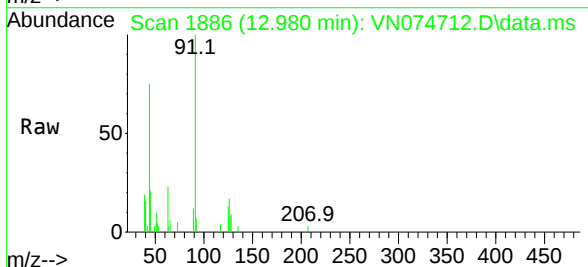
Instrument :
MSVOA_N
ClientSampleId :
IBLK

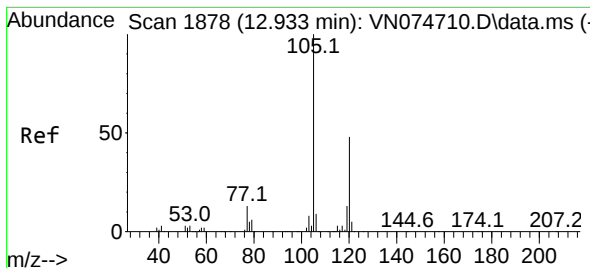
Tgt Ion: 91 Resp: 8478
Ion Ratio Lower Upper
91 100
120 25.7 11.9 35.5



#79
2-Chlorotoluene
Concen: 0.680 ug/l
RT: 12.980 min Scan# 1886
Delta R.T. 0.100 min
Lab File: VN074712.D
Acq: 03 Oct 2022 16:01

Tgt Ion: 91 Resp: 7348
Ion Ratio Lower Upper
91 100
126 34.4 17.3 51.9





#80

1,3,5-Trimethylbenzene

Concen: 0.375 ug/l

RT: 12.933 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VN074712.D

Acq: 03 Oct 2022 16:01

Instrument :

MSVOA_N

ClientSampleId :

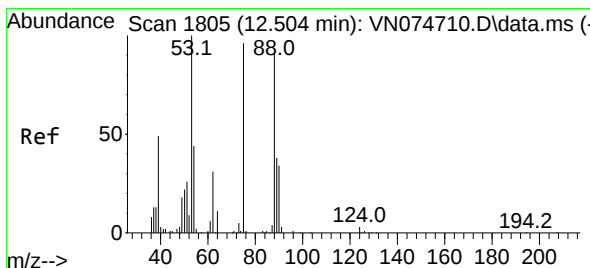
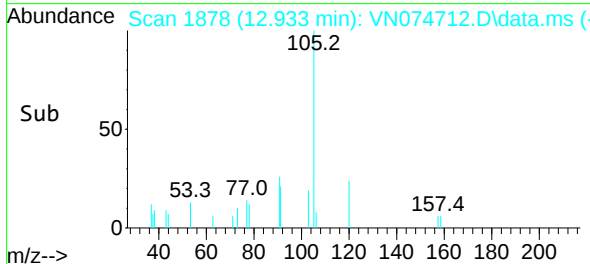
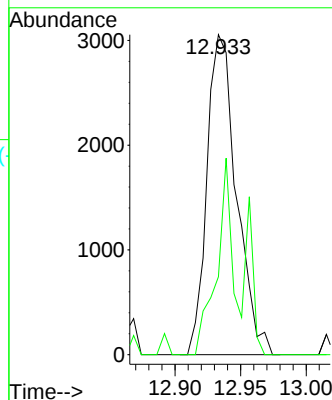
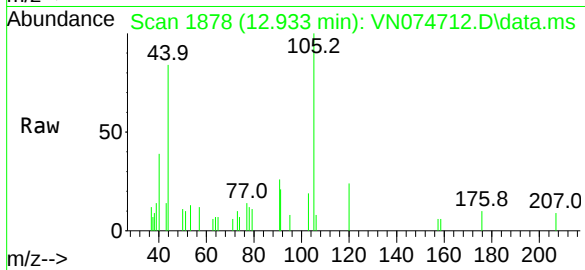
IBLK

Tgt Ion:105 Resp: 4799

Ion Ratio Lower Upper

105 100

120 33.2 24.9 74.7



#81

trans-1,4-Dichloro-2-butene

Concen: 82.534 ug/l

RT: 12.604 min Scan# 1822

Delta R.T. 0.100 min

Lab File: VN074712.D

Acq: 03 Oct 2022 16:01

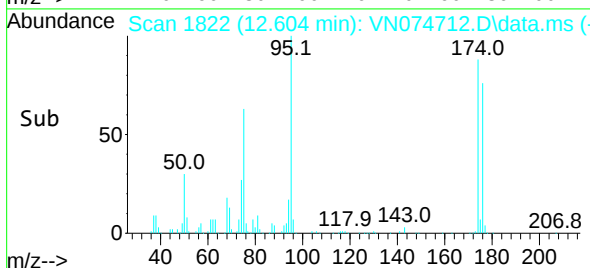
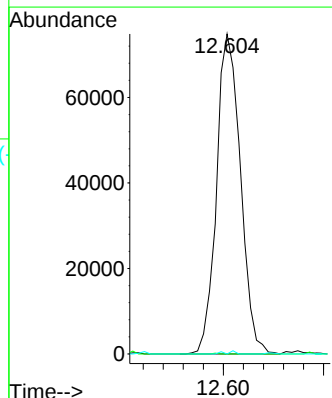
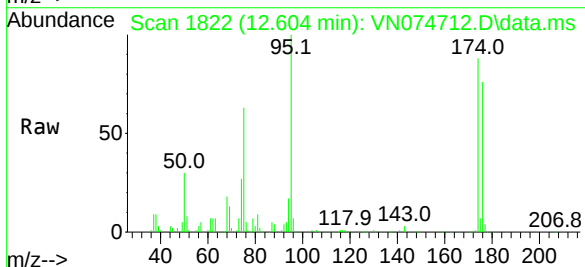
Tgt Ion: 75 Resp: 123827

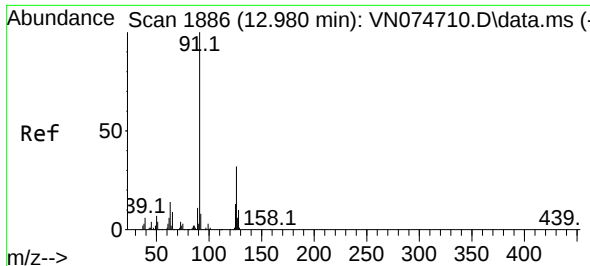
Ion Ratio Lower Upper

75 100

53 0.0 78.0 117.0#

89 0.1 37.2 55.8#

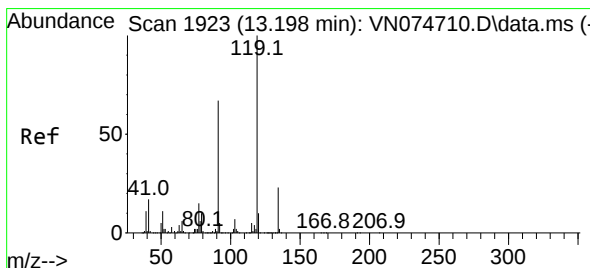
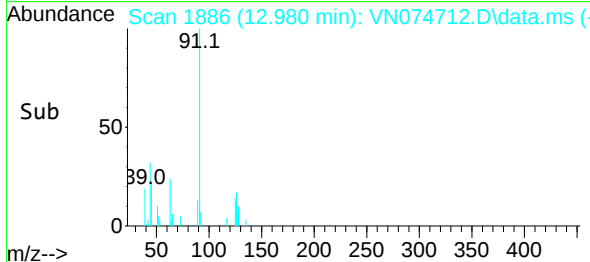
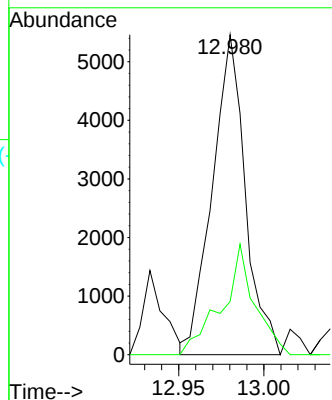
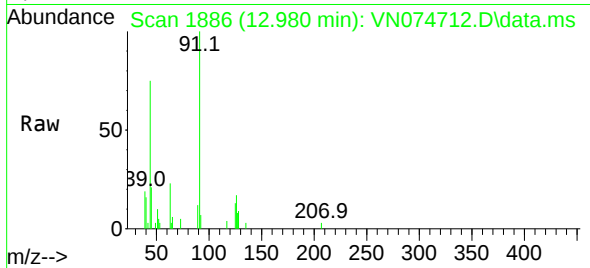




#82
4-Chlorotoluene
Concen: 0.703 ug/l
RT: 12.980 min Scan# 1886
Delta R.T. 0.000 min
Lab File: VN074712.D
Acq: 03 Oct 2022 16:01

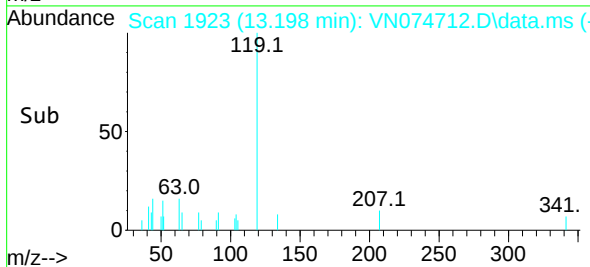
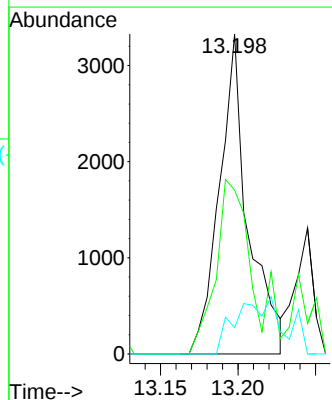
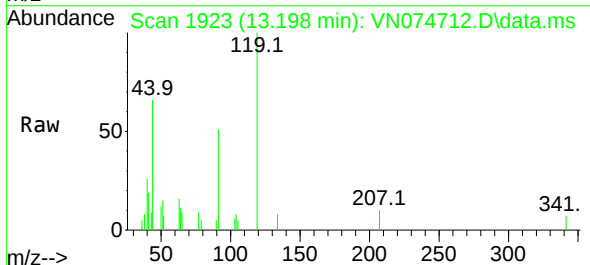
Instrument :
MSVOA_N
ClientSampleId :
IBLK

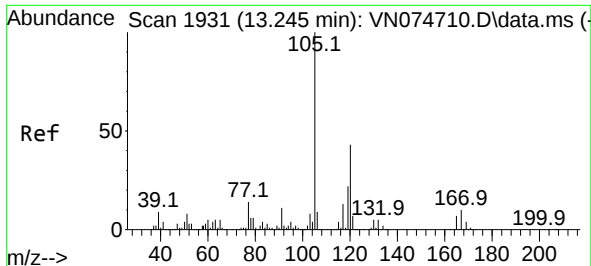
Tgt Ion: 91 Resp: 7348
Ion Ratio Lower Upper
91 100
126 34.4 17.2 51.6



#83
tert-Butylbenzene
Concen: 0.375 ug/l
RT: 13.198 min Scan# 1923
Delta R.T. -0.000 min
Lab File: VN074712.D
Acq: 03 Oct 2022 16:01

Tgt Ion: 119 Resp: 4285
Ion Ratio Lower Upper
119 100
91 60.7 31.6 94.8
134 0.0 13.7 41.1#

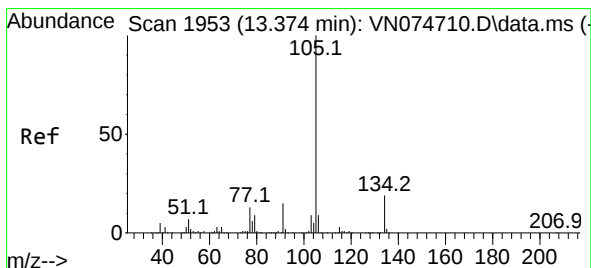
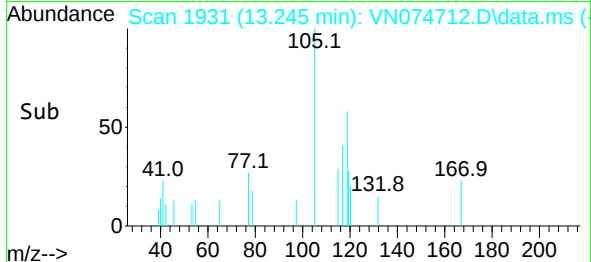
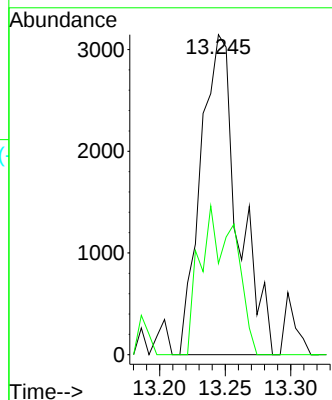
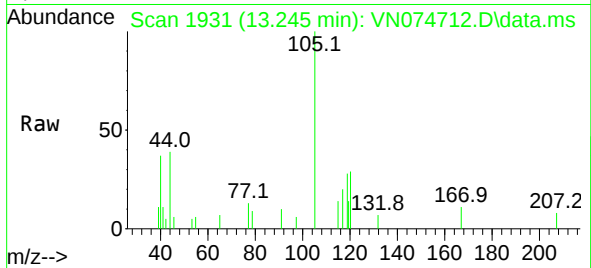




#84
1,2,4-Trimethylbenzene
Concen: 0.506 ug/l
RT: 13.245 min Scan# 1931
Delta R.T. -0.000 min
Lab File: VN074712.D
Acq: 03 Oct 2022 16:01

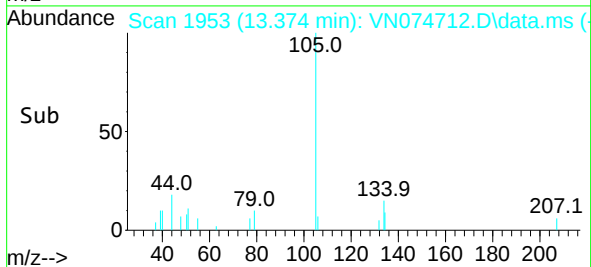
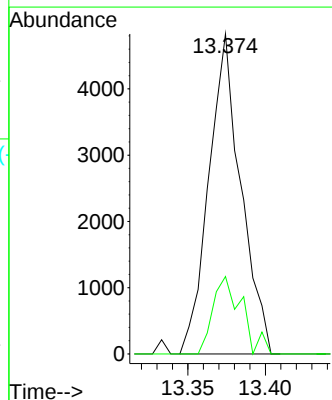
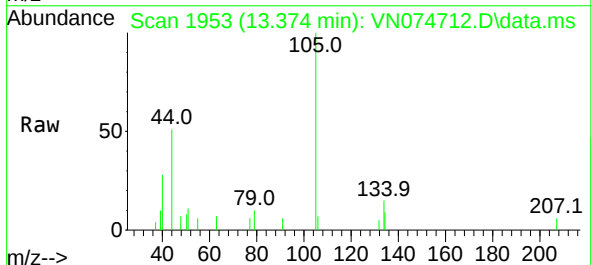
Instrument :
MSVOA_N
ClientSampleId :
IBLK

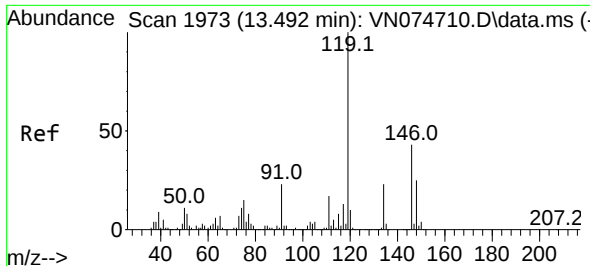
Tgt Ion:105 Resp: 6227
Ion Ratio Lower Upper
105 100
120 43.6 23.3 69.8



#85
sec-Butylbenzene
Concen: 0.426 ug/l
RT: 13.374 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN074712.D
Acq: 03 Oct 2022 16:01

Tgt Ion:105 Resp: 6948
Ion Ratio Lower Upper
105 100
134 21.8 10.4 31.1

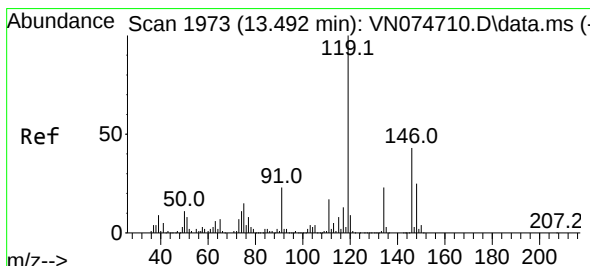
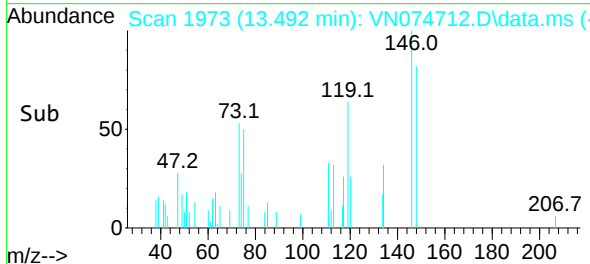
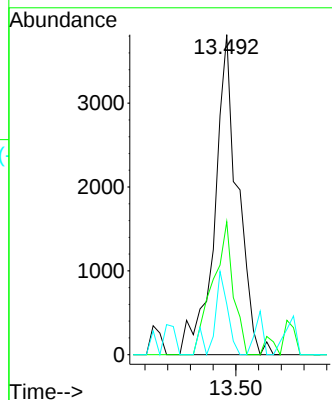
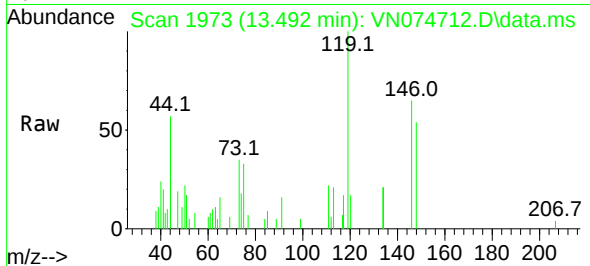




#86
p-Isopropyltoluene
Concen: 0.431 ug/l
RT: 13.492 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VN074712.D
Acq: 03 Oct 2022 16:01

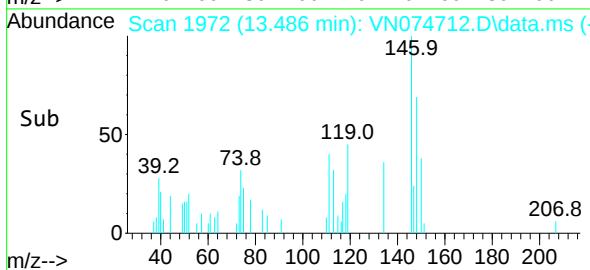
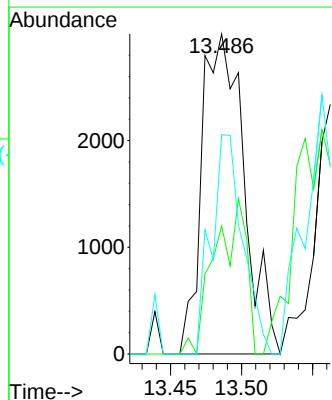
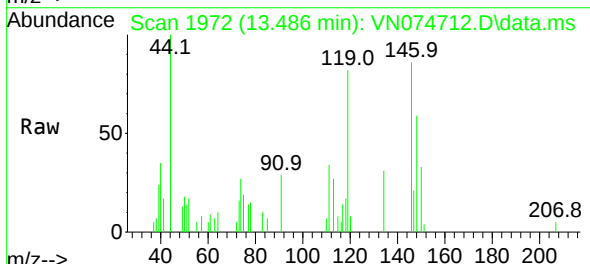
Instrument :
MSVOA_N
ClientSampleId :
IBLK

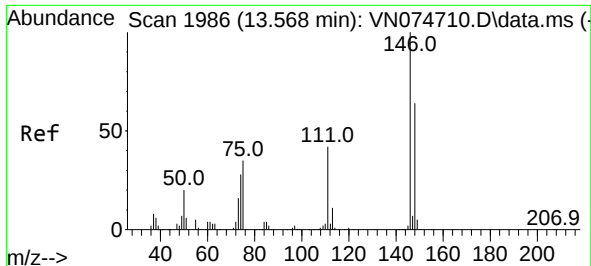
Tgt Ion:119 Resp: 5385
Ion Ratio Lower Upper
119 100
134 37.2 13.3 39.8
91 15.1 11.3 33.9



#87
1,3-Dichlorobenzene
Concen: 0.952 ug/l
RT: 13.486 min Scan# 1972
Delta R.T. -0.000 min
Lab File: VN074712.D
Acq: 03 Oct 2022 16:01

Tgt Ion:146 Resp: 6193
Ion Ratio Lower Upper
146 100
111 36.2 20.0 60.0
148 51.2 32.0 96.0

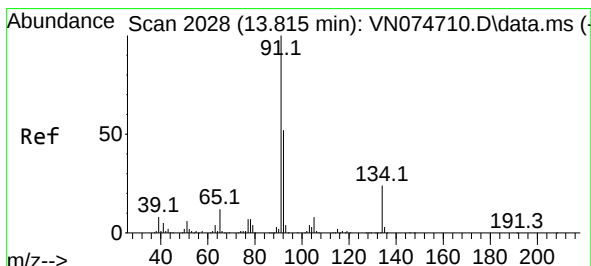
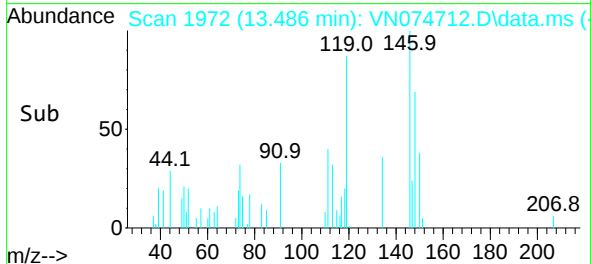
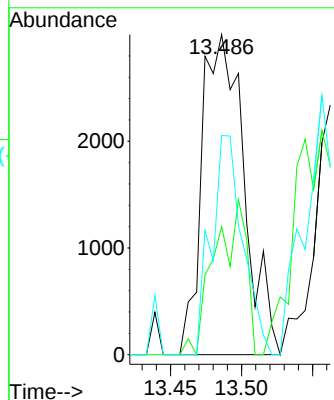
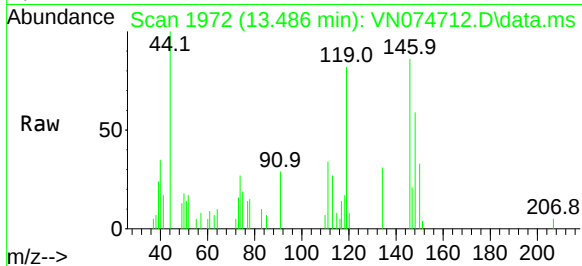




#88
1,4-Dichlorobenzene
Concen: 0.972 ug/l
RT: 13.486 min Scan# 1986
Delta R.T. -0.082 min
Lab File: VN074712.D
Acq: 03 Oct 2022 16:01

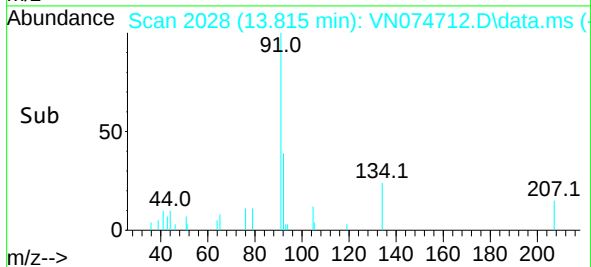
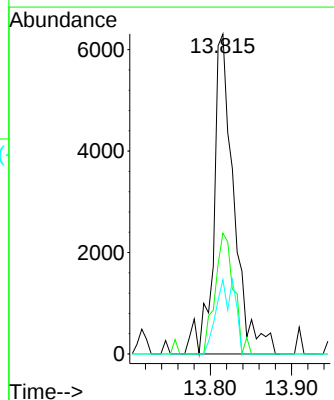
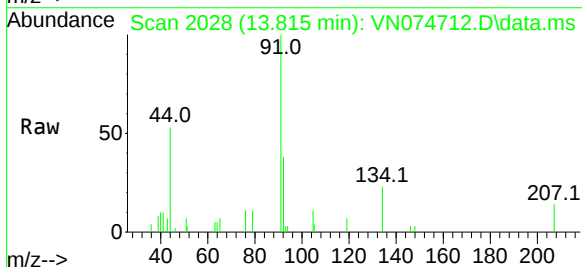
Instrument :
MSVOA_N
ClientSampleId :
IBLK

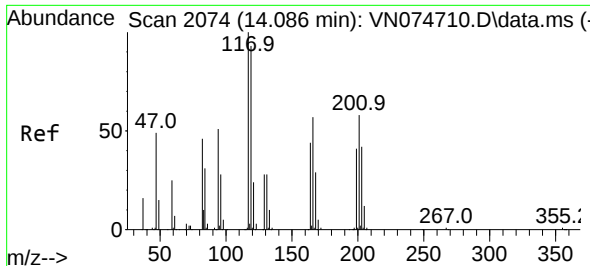
Tgt Ion:146 Resp: 6193
Ion Ratio Lower Upper
146 100
111 36.2 19.1 57.1
148 51.2 31.4 94.3



#89
n-Butylbenzene
Concen: 0.972 ug/l
RT: 13.815 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VN074712.D
Acq: 03 Oct 2022 16:01

Tgt Ion: 91 Resp: 10970
Ion Ratio Lower Upper
91 100
92 34.7 26.9 80.7
134 21.2 13.6 40.8

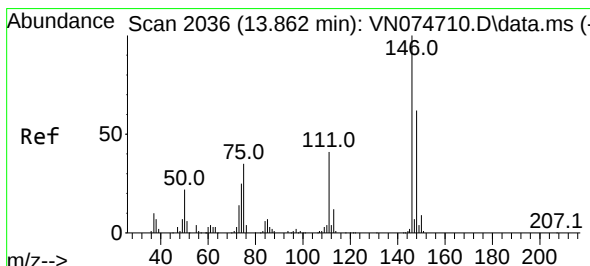
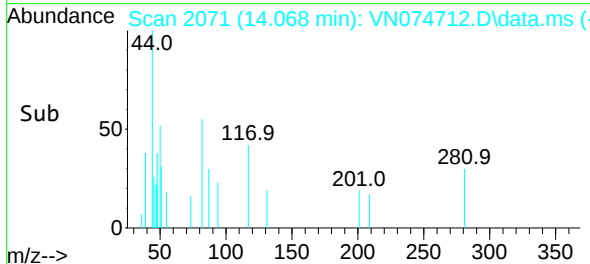
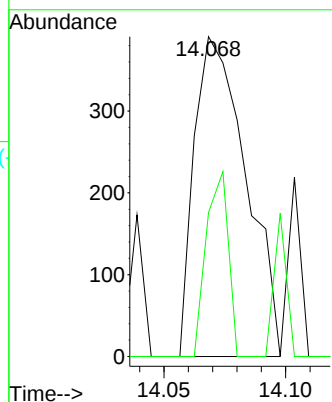
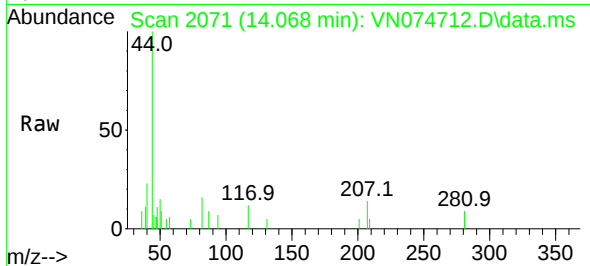




#90
Hexachloroethane
Concen: 0.273 ug/l
RT: 14.068 min Scan# 2071
Delta R.T. -0.018 min
Lab File: VN074712.D
Acq: 03 Oct 2022 16:01

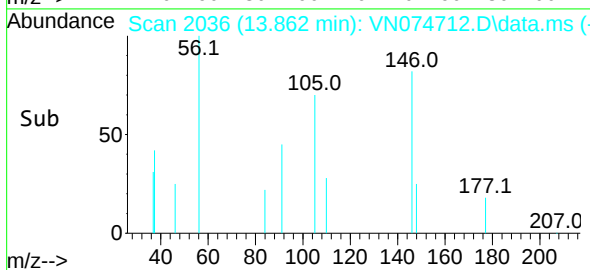
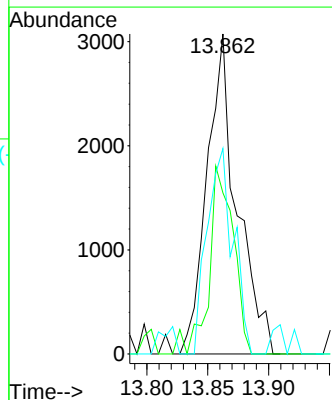
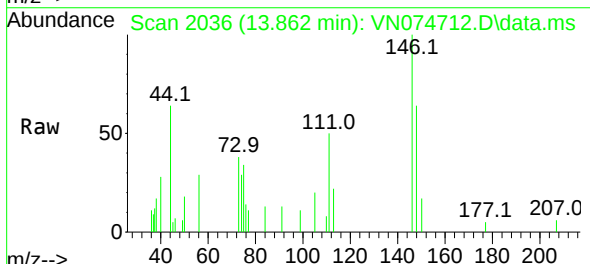
Instrument :
MSVOA_N
ClientSampleId :
IBLK

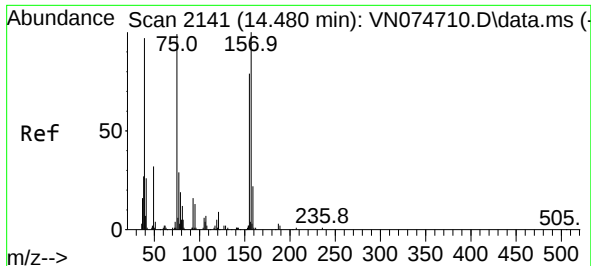
Tgt Ion:117 Resp: 578
Ion Ratio Lower Upper
117 100
201 24.6 40.6 122.0#



#91
1,2-Dichlorobenzene
Concen: 0.829 ug/l
RT: 13.862 min Scan# 2036
Delta R.T. 0.000 min
Lab File: VN074712.D
Acq: 03 Oct 2022 16:01

Tgt Ion:146 Resp: 5249
Ion Ratio Lower Upper
146 100
111 47.8 20.9 62.8
148 56.2 32.1 96.3

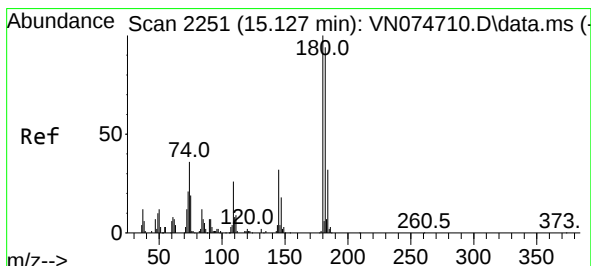
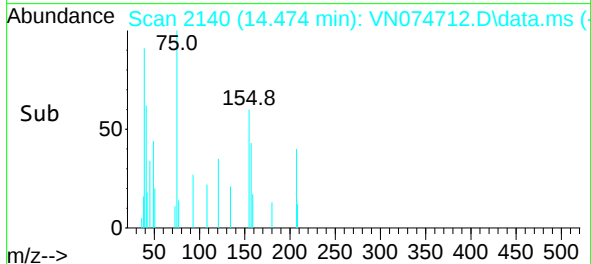
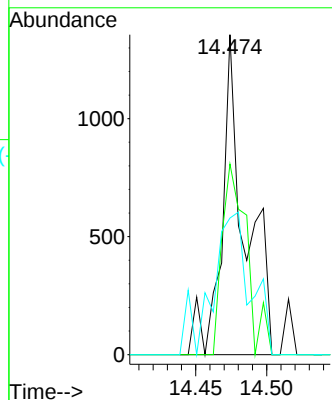
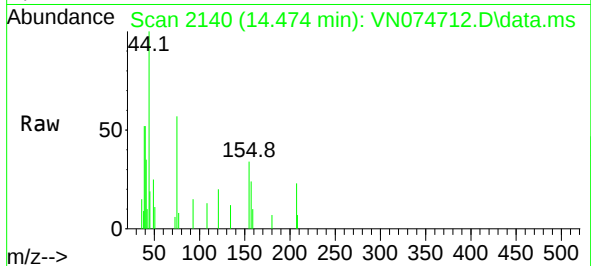




#92
1,2-Dibromo-3-Chloropropane
Concen: 1.374 ug/l
RT: 14.474 min Scan# 2141
Delta R.T. 0.000 min
Lab File: VN074712.D
Acq: 03 Oct 2022 16:01

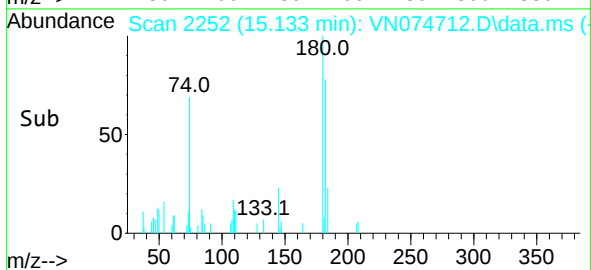
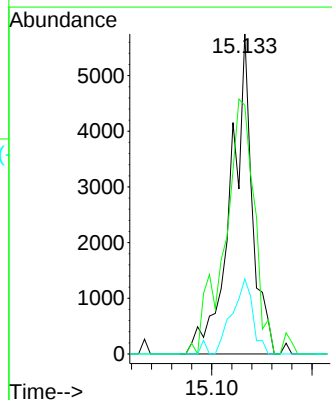
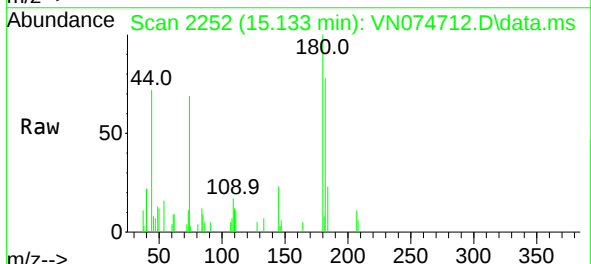
Instrument :
MSVOA_N
ClientSampleId :
IBLK

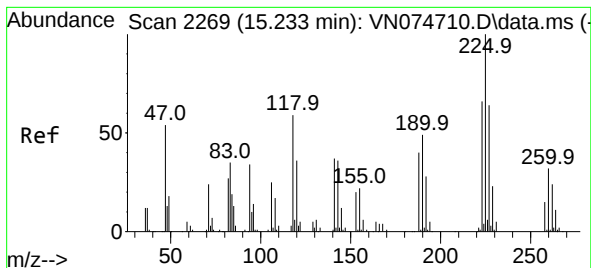
Tgt Ion: 75 Resp: 1545
Ion Ratio Lower Upper
75 100
155 62.3 44.9 134.5
157 66.9 59.0 176.8



#93
1,2,4-Trichlorobenzene
Concen: 3.102 ug/l
RT: 15.133 min Scan# 2252
Delta R.T. 0.006 min
Lab File: VN074712.D
Acq: 03 Oct 2022 16:01

Tgt Ion: 180 Resp: 8657
Ion Ratio Lower Upper
180 100
182 107.7 47.5 142.5
145 22.3 14.5 43.5





#94

Hexachlorobutadiene

Concen: 1.091 ug/l

RT: 15.233 min Scan# 2269

Delta R.T. -0.000 min

Lab File: VN074712.D

Acq: 03 Oct 2022 16:01

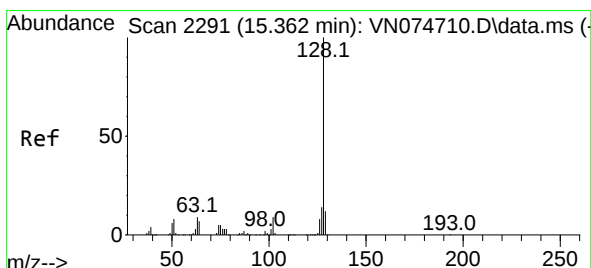
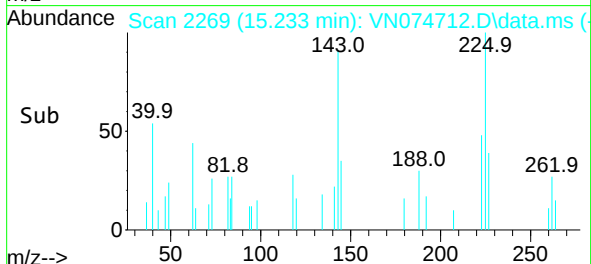
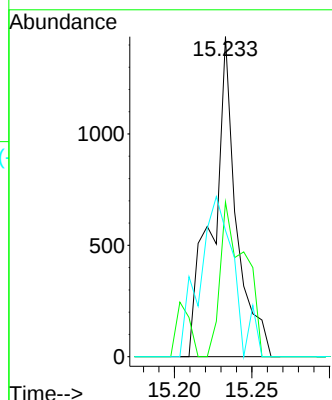
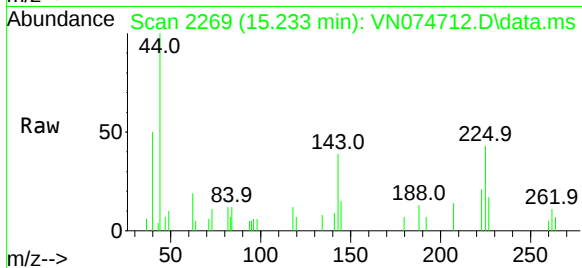
Instrument :

MSVOA_N

ClientSampleId :

IBLK

Tgt Ion:	225	Resp:	1540
Ion Ratio	Lower	Upper	
225	100		
223	49.7	32.4	97.2
227	71.5	31.8	95.4



#95

Naphthalene

Concen: 4.740 ug/l

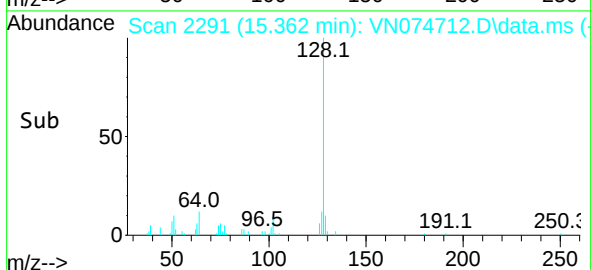
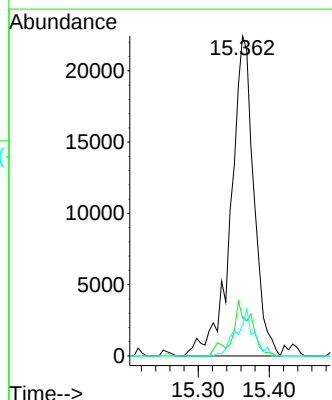
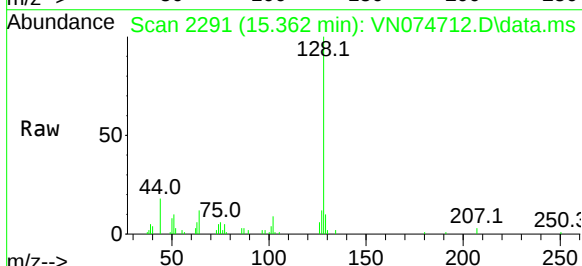
RT: 15.362 min Scan# 2291

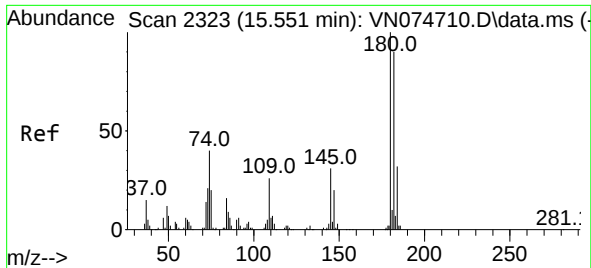
Delta R.T. 0.000 min

Lab File: VN074712.D

Acq: 03 Oct 2022 16:01

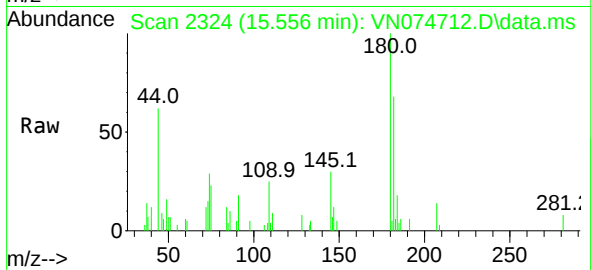
Tgt Ion:	128	Resp:	50258
Ion Ratio	Lower	Upper	
128	100		
127	12.3	10.3	15.5
129	11.0	8.6	13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 4.048 ug/l
 RT: 15.556 min Scan# 21
 Delta R.T. 0.005 min
 Lab File: VN074712.D
 Acq: 03 Oct 2022 16:01

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK



Tgt Ion:	180	Resp:	11919
Ion	Ratio	Lower	Upper
180	100		
182	95.9	47.8	143.3
145	30.3	15.5	46.5

