

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090622\
 Data File : VN074349.D
 Acq On : 06 Sep 2022 18:59
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Sep 07 04:58:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N090622W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 07 04:58:13 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	663780	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	1230178	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	1165548	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	494949	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	455423	43.753	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	87.500%
35) Dibromofluoromethane	7.951	113	408349	48.309	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.620%
50) Toluene-d8	10.380	98	1346490	43.479	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	86.960%
62) 4-Bromofluorobenzene	12.669	95	533060	50.839	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.680%

Target Compounds				Qvalue		
3) Chloromethane	2.269	50	2750	Below Cal		91
5) Bromomethane	2.828	94	5174	0.934 ug/l #		59
6) Chloroethane	3.193	64	912	Below Cal #		88
10) Methyl Iodide	4.363	142	4791	4.410 ug/l #		63
11) Tert butyl alcohol	5.293	59	643	0.321 ug/l #		72
13) Acrolein	3.981	56	1458	0.677 ug/l #		83
15) Acrylonitrile	5.469	53	1992	0.350 ug/l #		48
16) Acetone	4.234	43	4722	Below Cal		89
17) Carbon Disulfide	4.469	76	16032	0.726 ug/l #		91
18) Methyl Acetate	4.787	43	5880	Below Cal #		86
20) Methylene Chloride	5.016	84	2361	Below Cal #		82
21) trans-1,2-Dichloroethene	5.528	96	2748	0.305 ug/l #		56
28) Bromochloromethane	7.581	49	288	Below Cal #		86
29) Tetrahydrofuran	7.628	42	2081	0.416 ug/l #		78
31) Cyclohexane	8.016	56	16965	1.105 ug/l #		29
36) 1,1-Dichloropropene	8.151	75	3998	0.305 ug/l #		73
38) Carbon Tetrachloride	8.016	117	78582	5.759 ug/l #		16
44) Trichloroethene	9.145	130	2233	0.233 ug/l		75
49) 1,4-Dioxane	9.522	88	381	1.432 ug/l #		33
51) 4-Methyl-2-Pentanone	10.275	43	6409	0.442 ug/l #		78
59) 2-Hexanone	11.033	43	8483	0.772 ug/l		98
64) Tetrachloroethene	10.910	164	2299	Below Cal #		51
65) Chlorobenzene	11.710	112	5737	0.205 ug/l #		80
68) m/p-Xylenes	11.892	106	5777	0.312 ug/l		82
74) N-amyl acetate	12.327	43	3643	0.221 ug/l #		86
76) 1,2,3-Trichloropropane	12.669	75	281016	19.609 ug/l #		1
77) Bromobenzene	12.798	156	2628	0.255 ug/l		80
78) n-propylbenzene	12.863	91	10539	0.205 ug/l		99
79) 2-Chlorotoluene	12.945	91	7726	0.239 ug/l		79
81) trans-1,4-Dichloro-2-b...	12.669	75	281016	64.386 ug/l #		10
82) 4-Chlorotoluene	13.045	91	8723	0.291 ug/l		95
87) 1,3-Dichlorobenzene	13.557	146	8231	0.432 ug/l		92
88) 1,4-Dichlorobenzene	13.557	146	8231	0.439 ug/l		93
89) n-Butylbenzene	13.880	91	9242	0.313 ug/l		96
91) 1,2-Dichlorobenzene	13.933	146	7473	0.381 ug/l		95
92) 1,2-Dibromo-3-Chloropr...	14.539	75	2777	0.745 ug/l		61

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Quant Title : SW846 8260
QLast Update : Wed Sep 07 04:58:13 2022
Response via : Initial Calibration

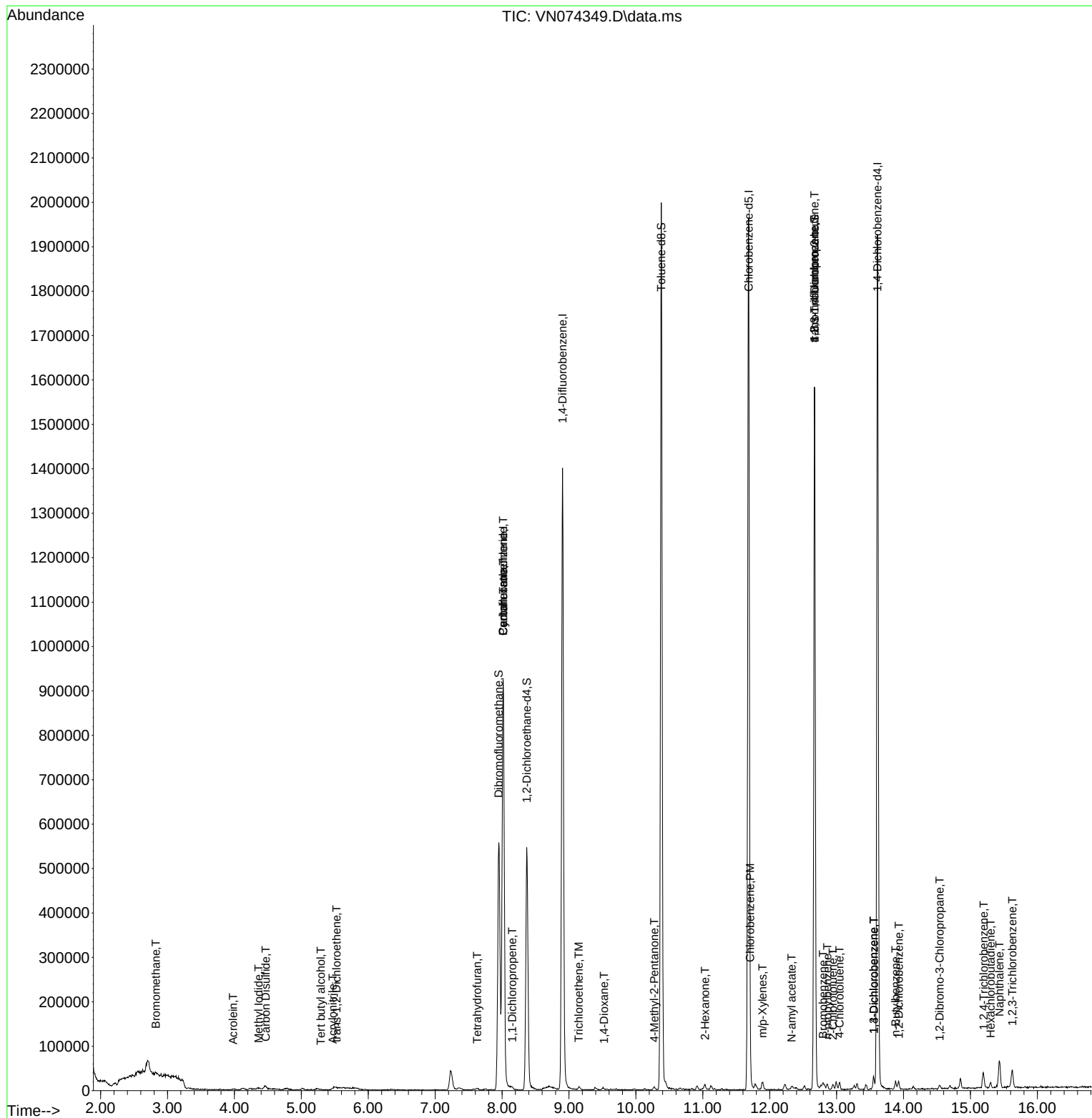
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.198	180	11634	1.282	ug/l	96
94) Hexachlorobutadiene	15.304	225	1930	0.431	ug/l	80
95) Naphthalene	15.433	128	60250	1.814	ug/l	97
96) 1,2,3-Trichlorobenzene	15.627	180	15491	1.636	ug/l	91

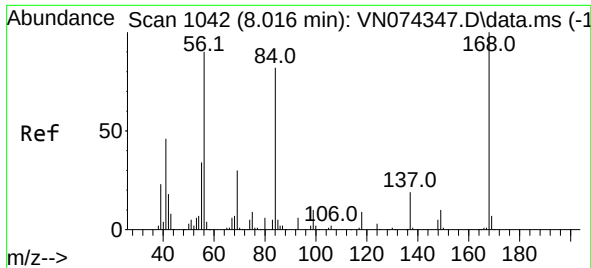
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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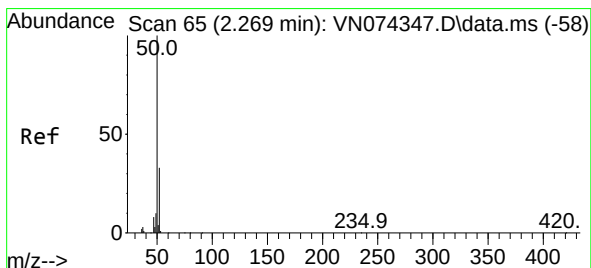
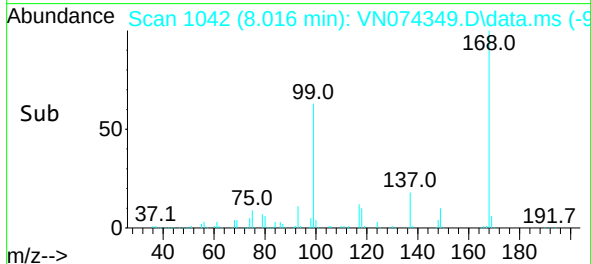
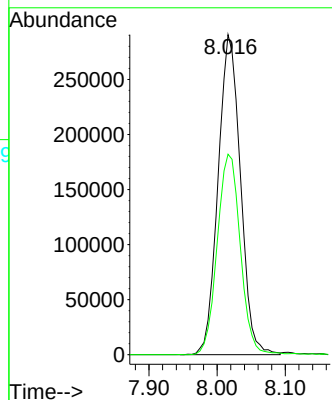
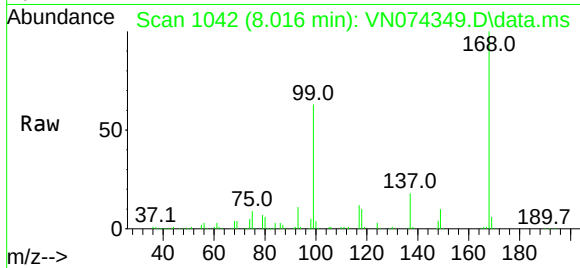




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN074349.D
Acq: 06 Sep 2022 18:59

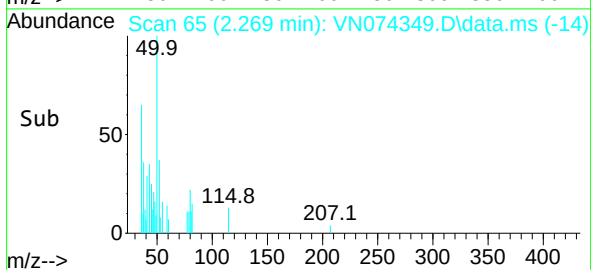
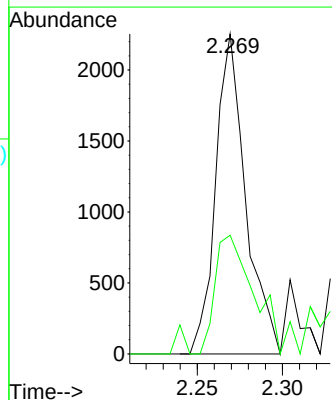
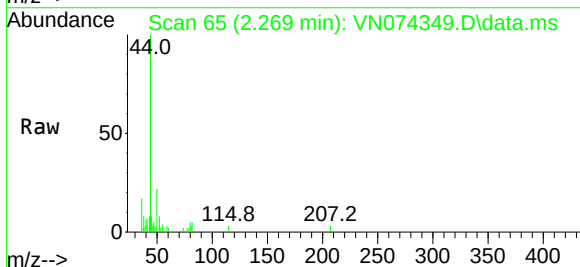
Instrument :
MSVOA_N
ClientSampleId :
IBLK

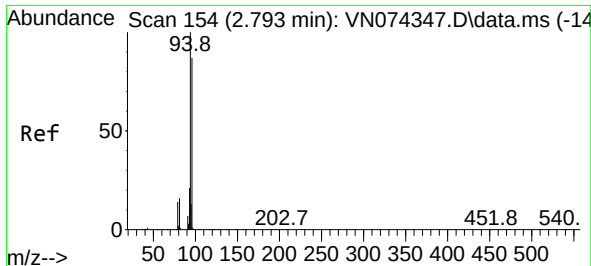
Tgt Ion:168 Resp: 663780
Ion Ratio Lower Upper
168 100
99 62.6 42.3 63.5



#3
Chloromethane
Concen: Below Cal
RT: 2.269 min Scan# 65
Delta R.T. 0.000 min
Lab File: VN074349.D
Acq: 06 Sep 2022 18:59

Tgt Ion: 50 Resp: 2750
Ion Ratio Lower Upper
50 100
52 37.1 25.7 38.5

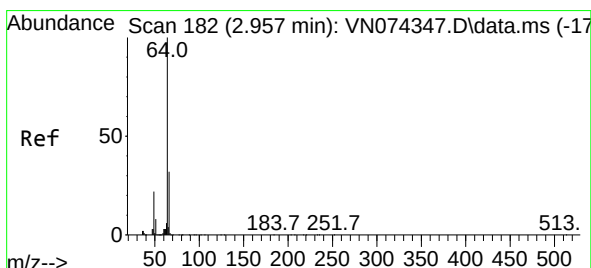
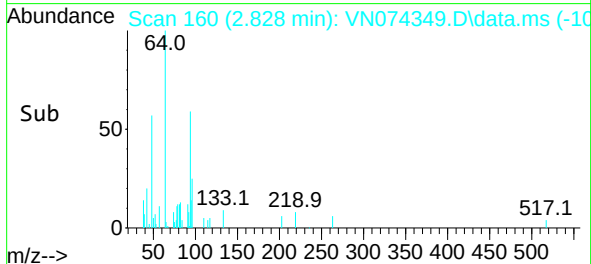
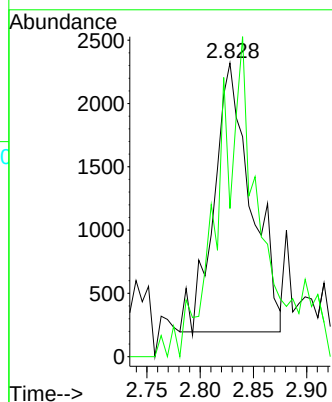
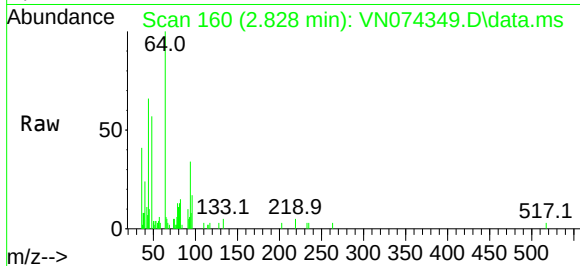




#5
Bromomethane
Concen: 0.934 ug/l
RT: 2.828 min Scan# 11
Delta R.T. 0.035 min
Lab File: VN074349.D
Acq: 06 Sep 2022 18:59

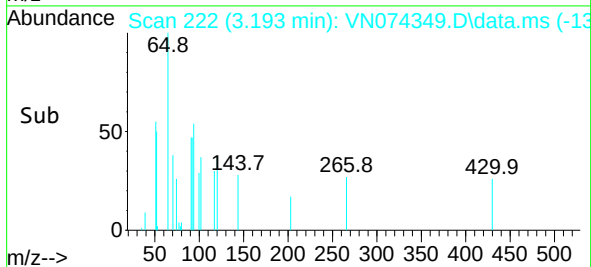
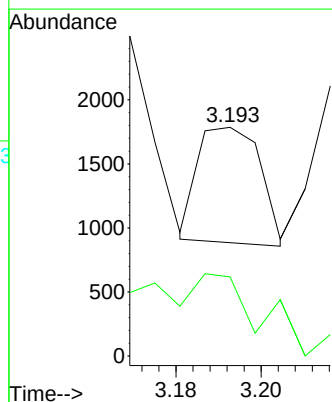
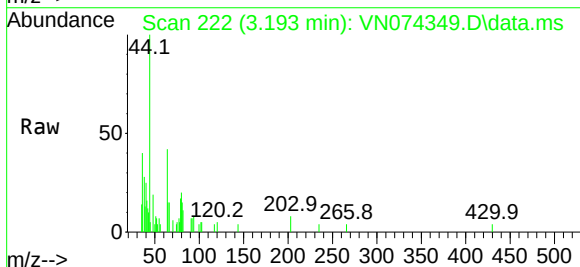
Instrument :
MSVOA_N
ClientSampleId :
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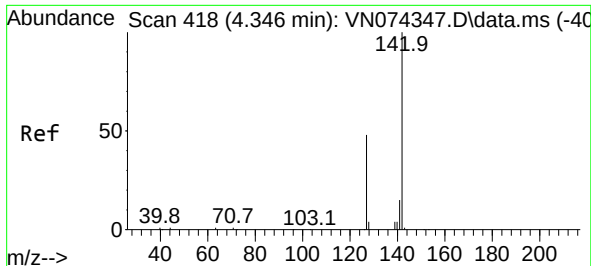
Tgt Ion: 94 Resp: 5174
Ion Ratio Lower Upper
94 100
96 55.1 76.0 114.0#



#6
Chloroethane
Concen: Below Cal
RT: 3.193 min Scan# 222
Delta R.T. 0.236 min
Lab File: VN074349.D
Acq: 06 Sep 2022 18:59

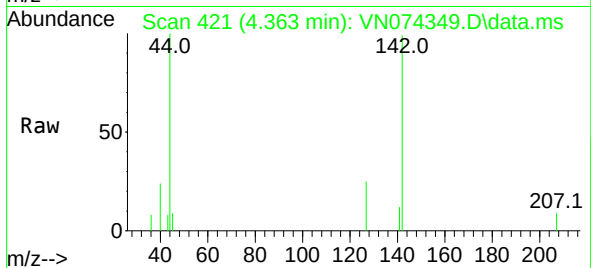
Tgt Ion: 64 Resp: 912
Ion Ratio Lower Upper
64 100
66 26.1 26.2 39.4#



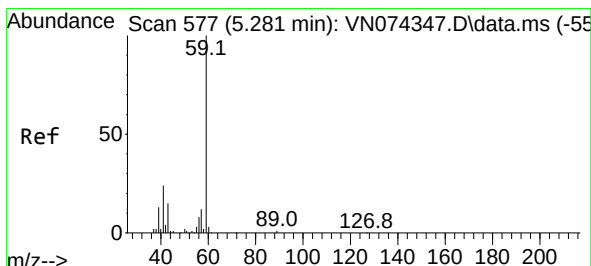
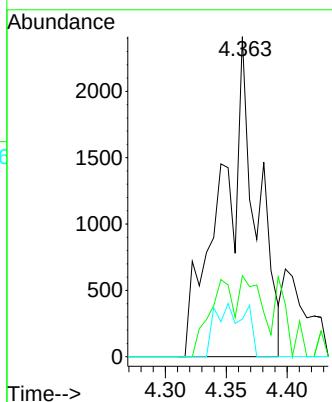
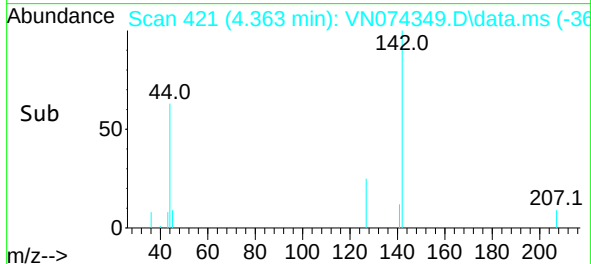


#10
Methyl Iodide
Concen: 4.410 ug/l
RT: 4.363 min Scan# 418
Delta R.T. 0.017 min
Lab File: VN074349.D
Acq: 06 Sep 2022 18:59

Instrument :
MSVOA_N
ClientSampleId :
IBLK

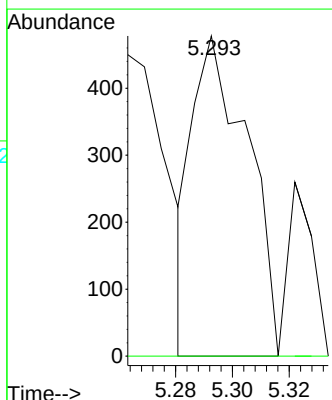
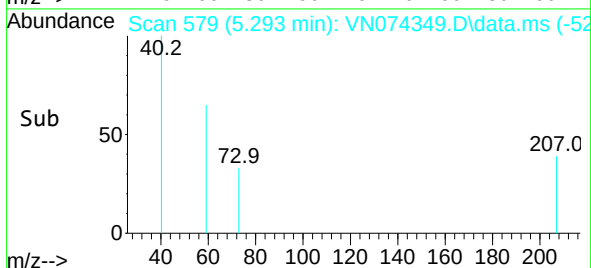
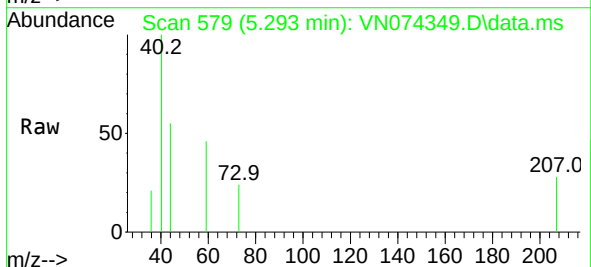


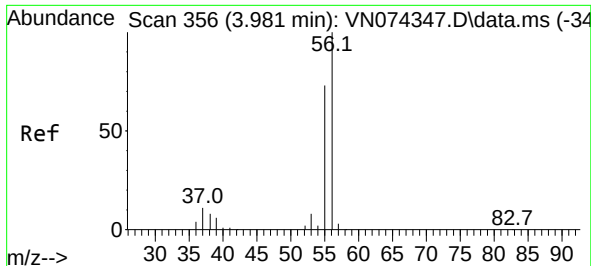
Tgt Ion:142 Resp: 4791
Ion Ratio Lower Upper
142 100
127 16.1 31.3 46.9#
141 0.0 11.2 16.8#



#11
Tert butyl alcohol
Concen: 0.321 ug/l
RT: 5.293 min Scan# 579
Delta R.T. 0.012 min
Lab File: VN074349.D
Acq: 06 Sep 2022 18:59

Tgt Ion: 59 Resp: 643
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

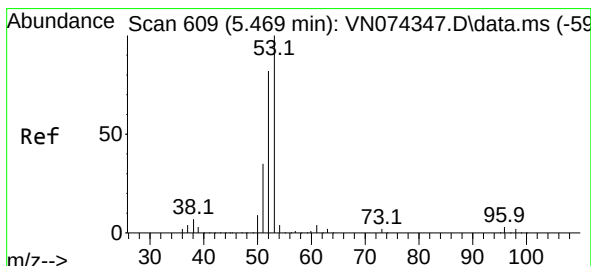
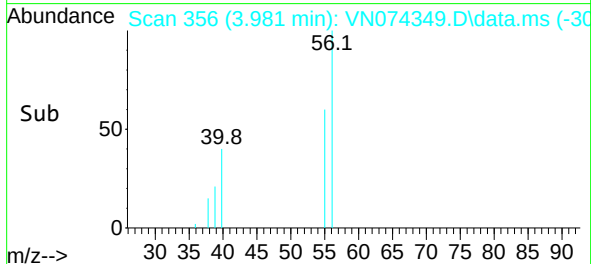
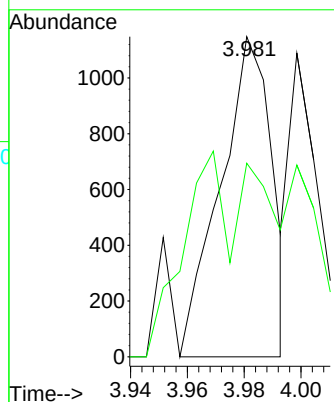
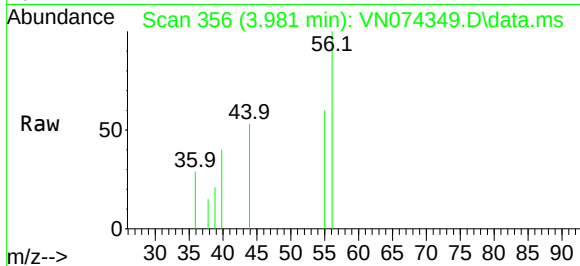




#13
Acrolein
Concen: 0.677 ug/l
RT: 3.981 min Scan# 356
Delta R.T. -0.000 min
Lab File: VN074349.D
Acq: 06 Sep 2022 18:59

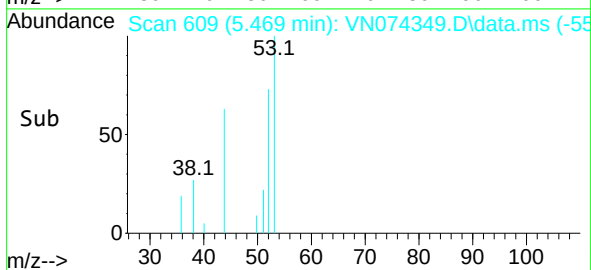
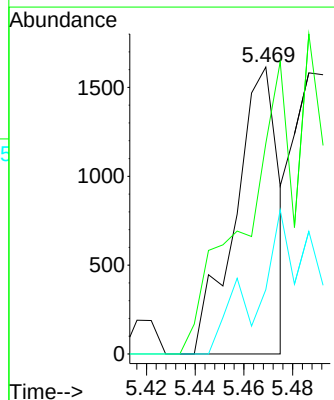
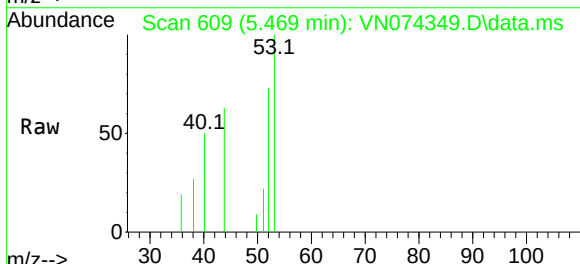
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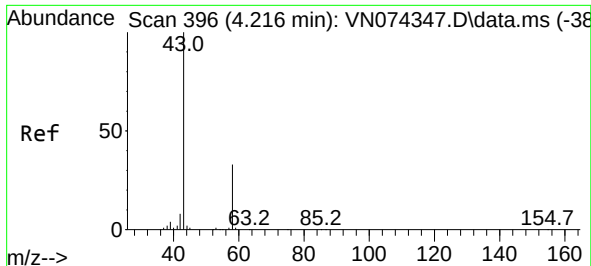
Tgt Ion: 56 Resp: 1458
Ion Ratio Lower Upper
56 100
55 54.5 54.8 82.2#



#15
Acrylonitrile
Concen: 0.350 ug/l
RT: 5.469 min Scan# 609
Delta R.T. 0.000 min
Lab File: VN074349.D
Acq: 06 Sep 2022 18:59

Tgt Ion: 53 Resp: 1992
Ion Ratio Lower Upper
53 100
52 110.8 66.4 99.6#
51 94.8 28.5 42.7#

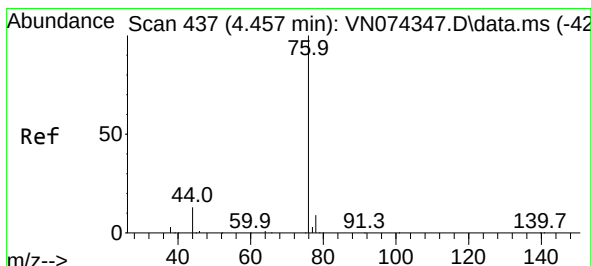
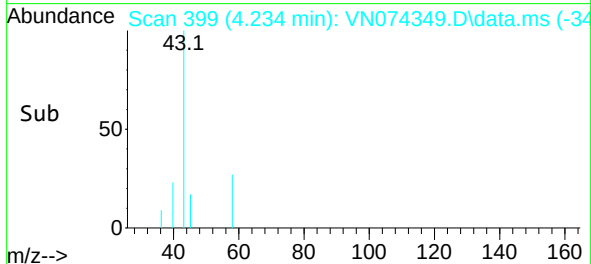
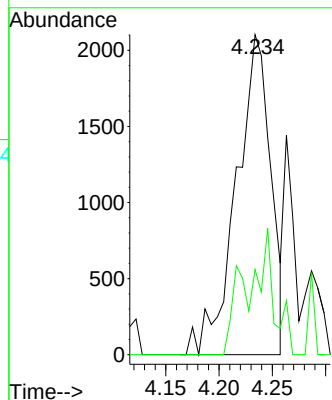
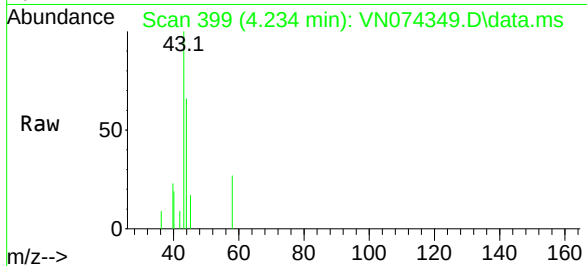




#16
Acetone
Concen: Below Cal
RT: 4.234 min Scan# 399
Delta R.T. 0.018 min
Lab File: VN074349.D
Acq: 06 Sep 2022 18:59

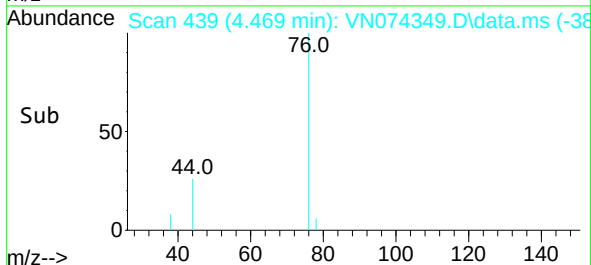
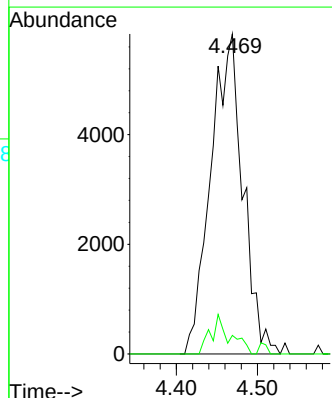
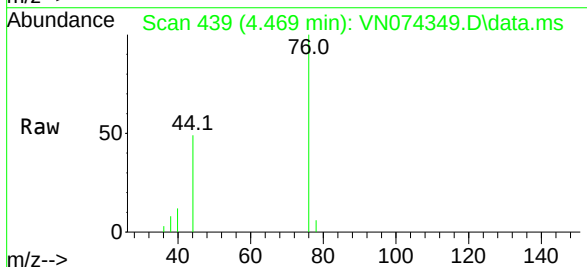
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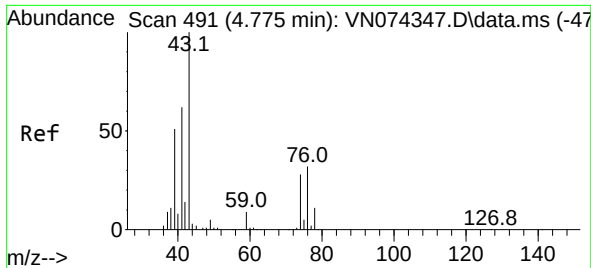
Tgt Ion: 43 Resp: 4722
Ion Ratio Lower Upper
43 100
58 26.6 26.0 39.0



#17
Carbon Disulfide
Concen: 0.726 ug/l
RT: 4.469 min Scan# 439
Delta R.T. 0.012 min
Lab File: VN074349.D
Acq: 06 Sep 2022 18:59

Tgt Ion: 76 Resp: 16032
Ion Ratio Lower Upper
76 100
78 5.8 7.2 10.8#

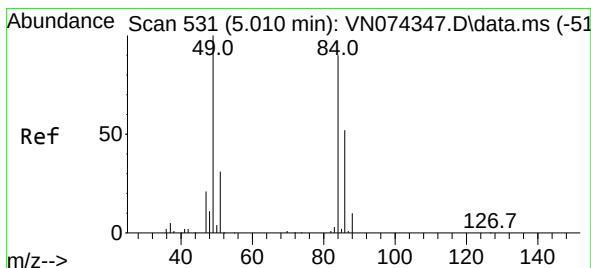
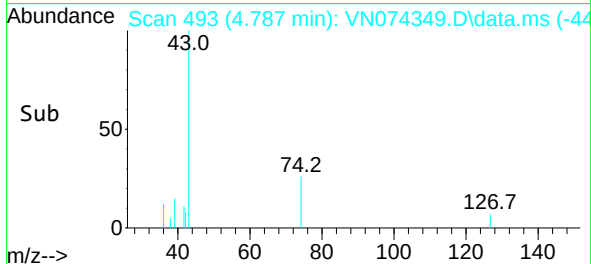
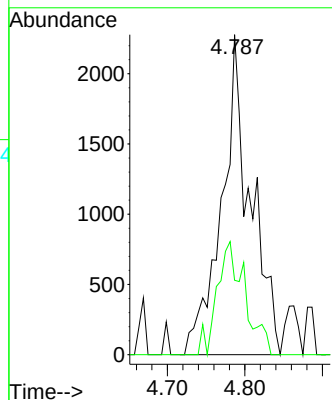
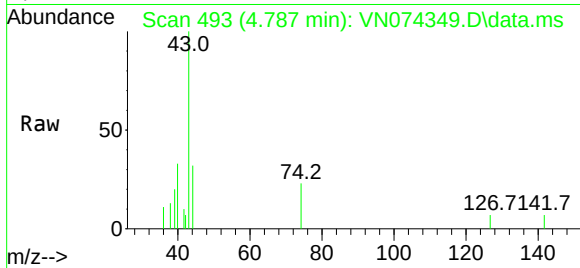




#18
Methyl Acetate
Concen: Below Cal
RT: 4.787 min Scan# 491
Delta R.T. 0.012 min
Lab File: VN074349.D
Acq: 06 Sep 2022 18:59

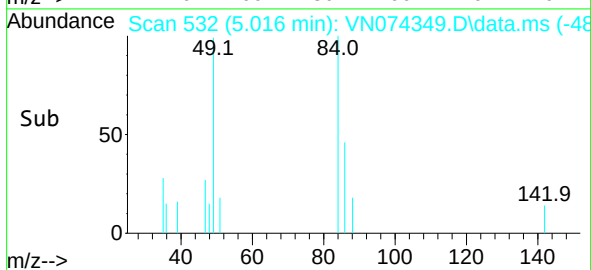
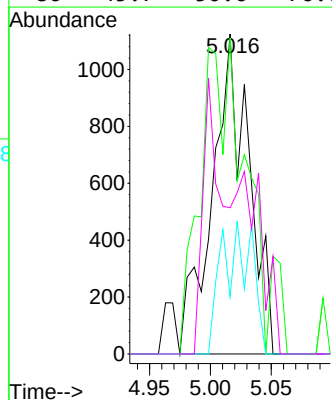
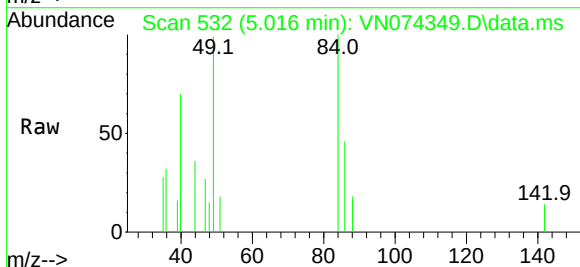
Instrument :
MSVOA_N
ClientSampleId :
IBLK

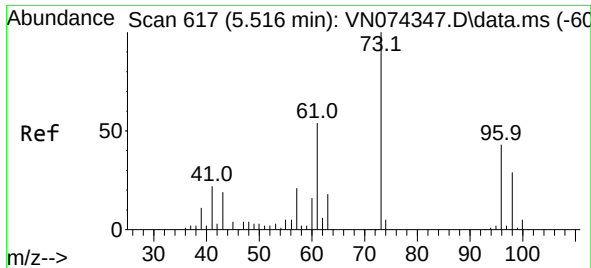
Tgt Ion: 43 Resp: 5880
Ion Ratio Lower Upper
43 100
74 34.3 21.6 32.4#



#20
Methylene Chloride
Concen: Below Cal
RT: 5.016 min Scan# 532
Delta R.T. 0.006 min
Lab File: VN074349.D
Acq: 06 Sep 2022 18:59

Tgt Ion: 84 Resp: 2361
Ion Ratio Lower Upper
84 100
49 98.8 88.3 132.5
51 18.0 28.2 42.2#
86 45.7 50.6 76.0#

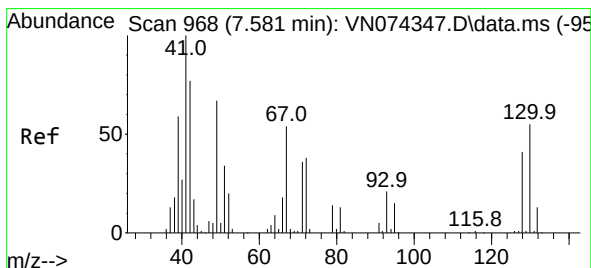
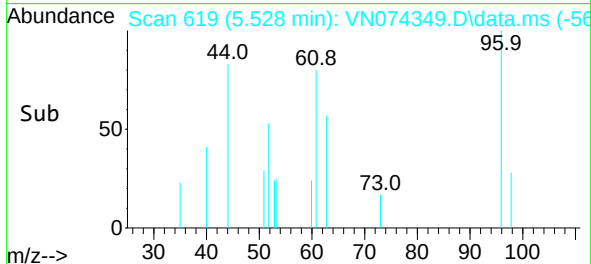
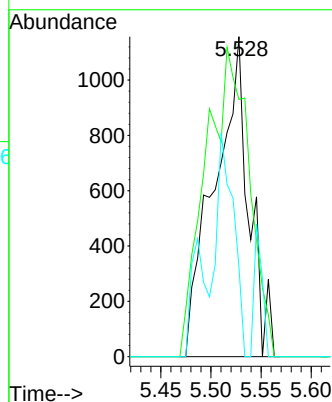
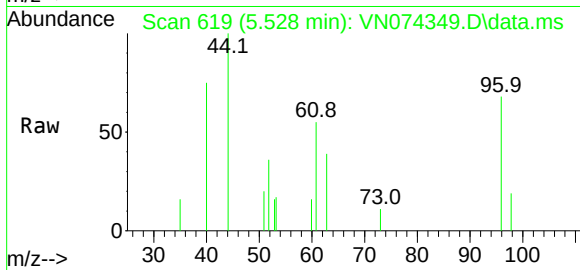




#21
trans-1,2-Dichloroethene
Concen: 0.305 ug/l
RT: 5.528 min Scan# 617
Delta R.T. 0.012 min
Lab File: VN074349.D
Acq: 06 Sep 2022 18:59

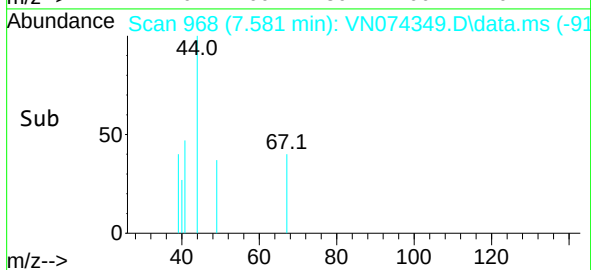
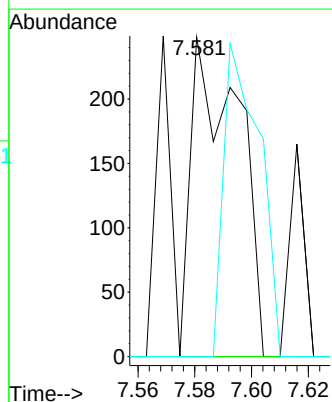
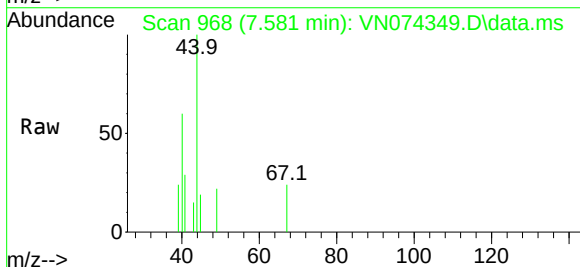
Instrument :
MSVOA_N
ClientSampleId :
IBLK

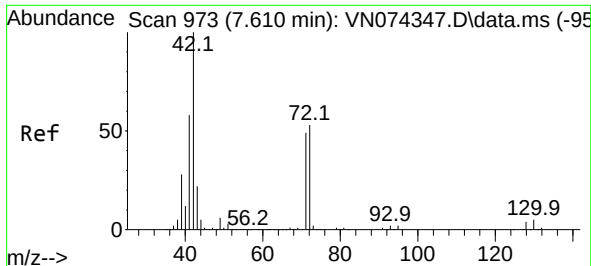
Tgt Ion: 96 Resp: 2748
Ion Ratio Lower Upper
96 100
61 80.4 105.8 158.8#
98 28.2 50.3 75.5#



#28
Bromochloromethane
Concen: Below Cal
RT: 7.581 min Scan# 968
Delta R.T. -0.000 min
Lab File: VN074349.D
Acq: 06 Sep 2022 18:59

Tgt Ion: 49 Resp: 288
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.6
130 74.0 69.7 104.5





#29

Tetrahydrofuran

Concen: 0.416 ug/l

RT: 7.628 min Scan# 91

Delta R.T. 0.018 min

Lab File: VN074349.D

Acq: 06 Sep 2022 18:59

Instrument :

MSVOA_N

ClientSampleId :

IBLK

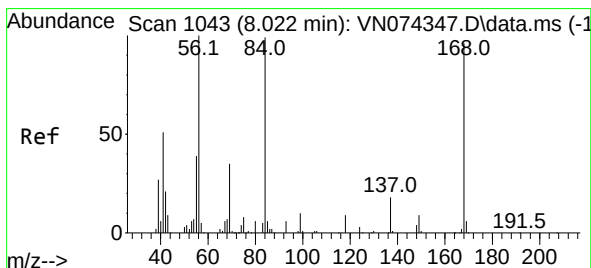
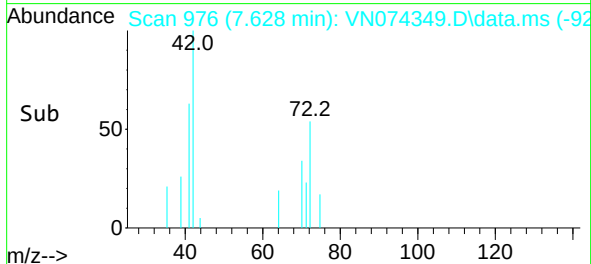
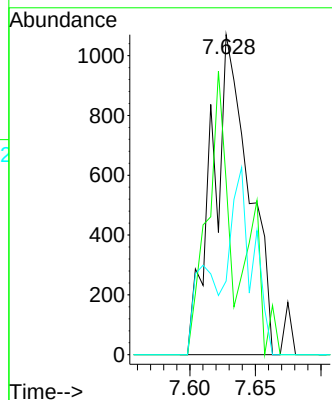
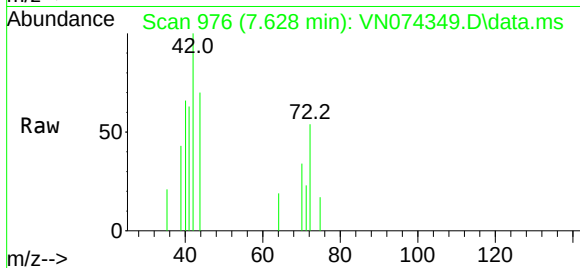
Tgt Ion: 42 Resp: 2081

Ion Ratio Lower Upper

42 100

72 47.3 39.7 59.5

71 17.6 36.6 55.0#



#31

Cyclohexane

Concen: 1.105 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.006 min

Lab File: VN074349.D

Acq: 06 Sep 2022 18:59

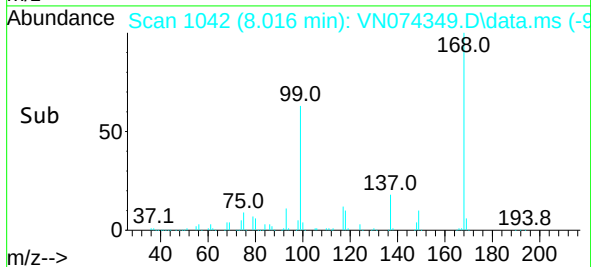
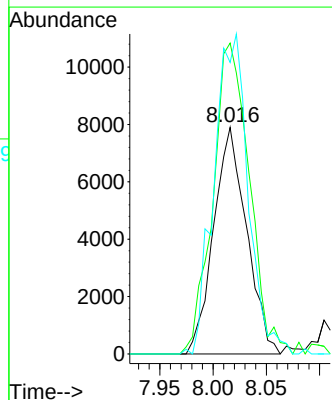
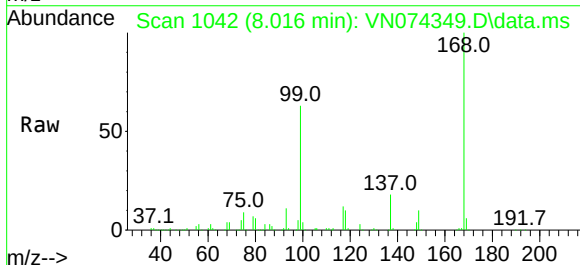
Tgt Ion: 56 Resp: 16965

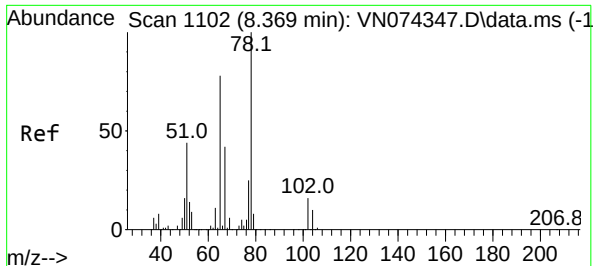
Ion Ratio Lower Upper

56 100

69 137.2 27.8 41.8#

84 128.6 76.9 115.3#





#33

1,2-Dichloroethane-d4

Concen: 43.753 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN074349.D

Acq: 06 Sep 2022 18:59

Instrument :

MSVOA_N

ClientSampleId :

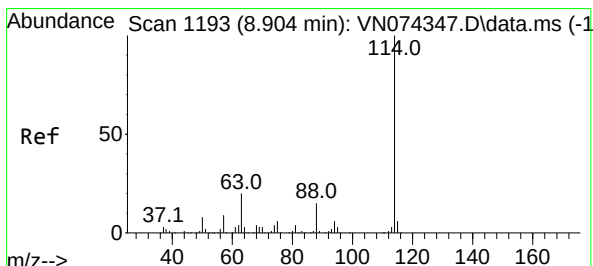
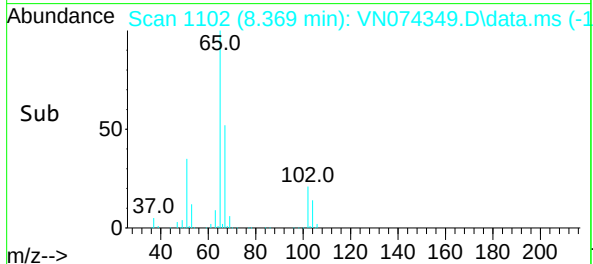
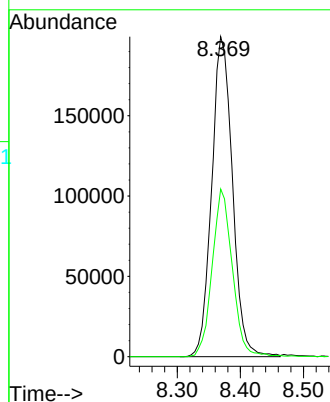
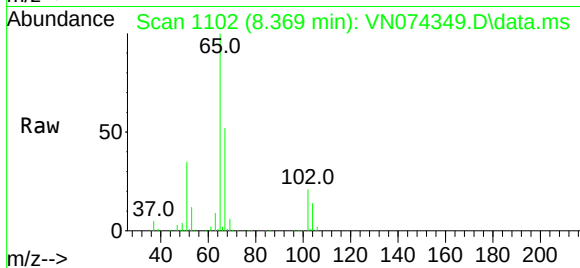
IBLK

Tgt Ion: 65 Resp: 455423

Ion Ratio Lower Upper

65 100

67 50.8 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VN074349.D

Acq: 06 Sep 2022 18:59

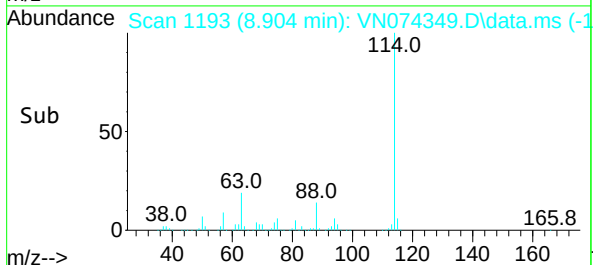
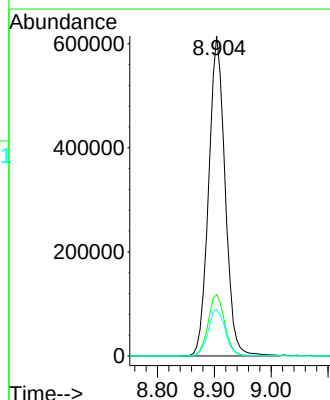
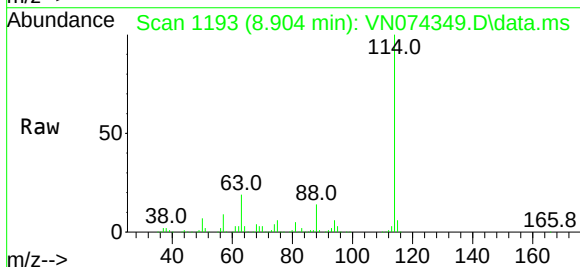
Tgt Ion: 114 Resp: 1230178

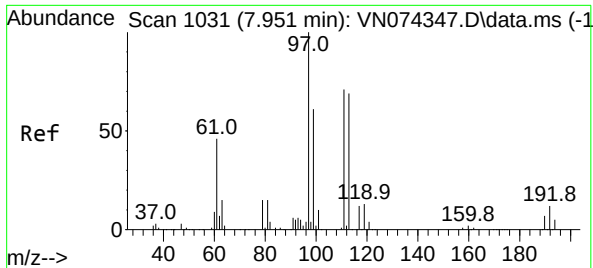
Ion Ratio Lower Upper

114 100

63 19.2 0.0 40.0

88 14.5 0.0 32.6

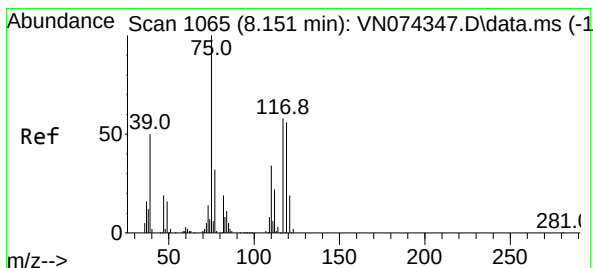
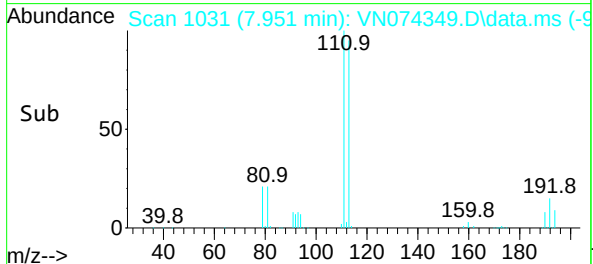
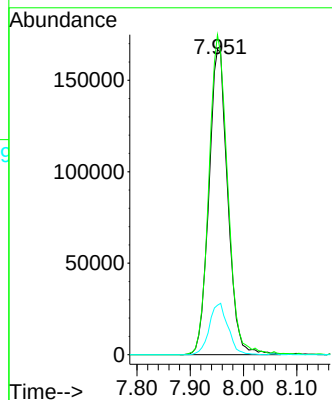
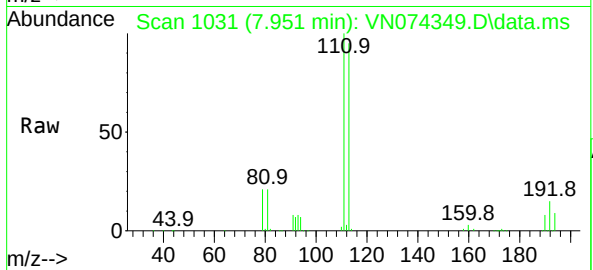




#35
Dibromofluoromethane
Concen: 48.309 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VN074349.D
Acq: 06 Sep 2022 18:59

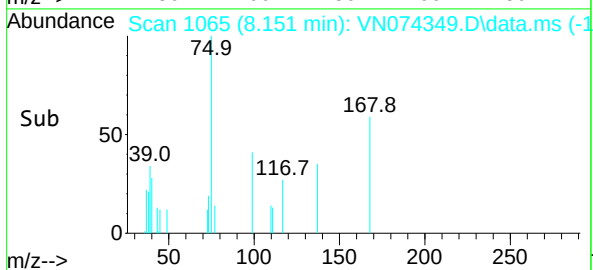
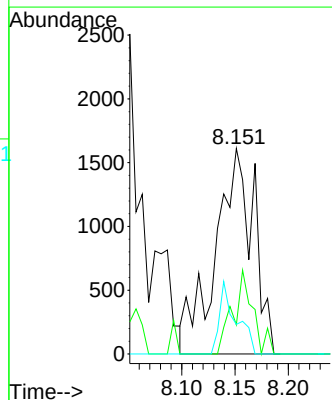
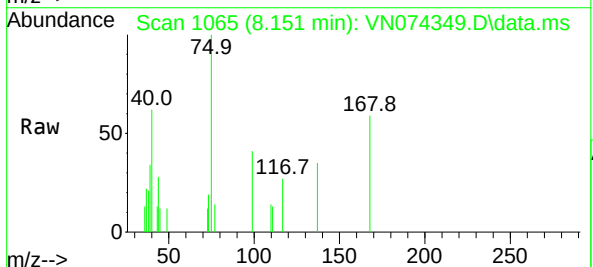
Instrument :
MSVOA_N
ClientSampleId :
IBLK

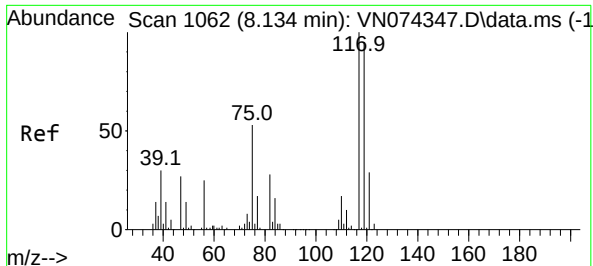
Tgt Ion:113 Resp: 408349
Ion Ratio Lower Upper
113 100
111 104.7 81.4 122.0
192 16.7 17.0 25.6#



#36
1,1-Dichloropropene
Concen: 0.305 ug/l
RT: 8.151 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VN074349.D
Acq: 06 Sep 2022 18:59

Tgt Ion: 75 Resp: 3998
Ion Ratio Lower Upper
75 100
110 21.3 18.3 54.8
77 15.5 25.1 37.7#

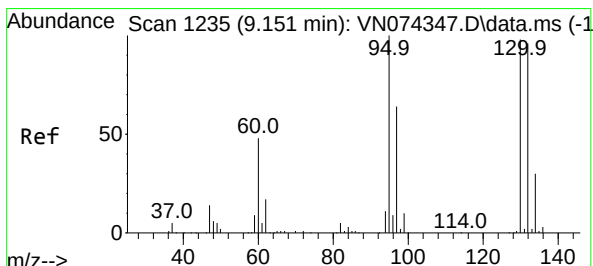
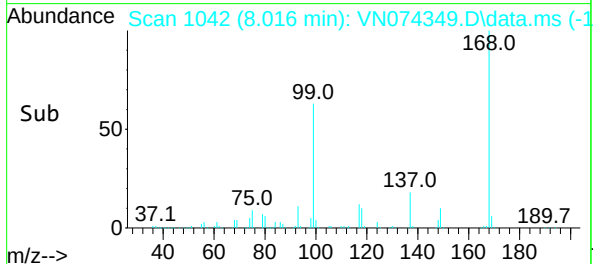
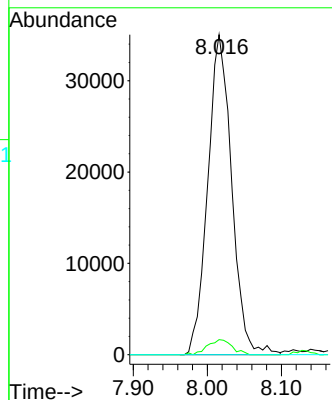
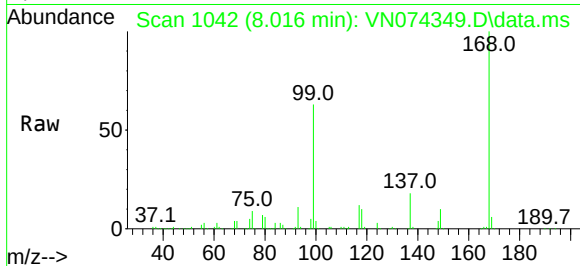




#38
Carbon Tetrachloride
Concen: 5.759 ug/l
RT: 8.016 min Scan# 1062
Delta R.T. -0.118 min
Lab File: VN074349.D
Acq: 06 Sep 2022 18:59

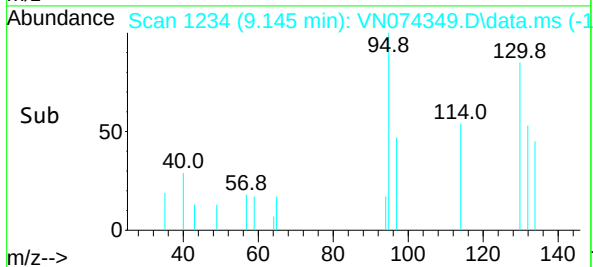
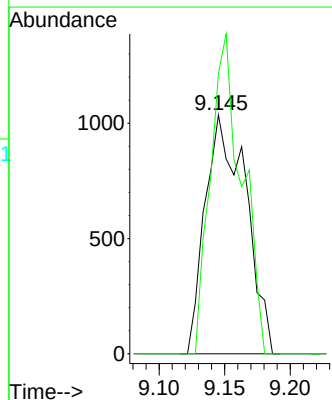
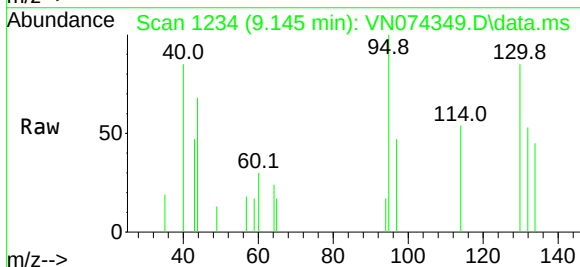
Instrument :
MSVOA_N
ClientSampleId :
IBLK

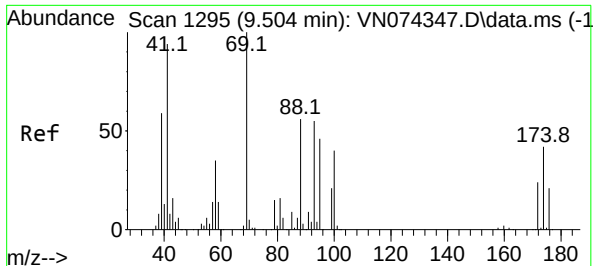
Tgt Ion:117 Resp: 78582
Ion Ratio Lower Upper
117 100
119 4.7 75.8 113.8#
121 0.0 24.6 37.0#



#44
Trichloroethene
Concen: 0.233 ug/l
RT: 9.145 min Scan# 1234
Delta R.T. -0.006 min
Lab File: VN074349.D
Acq: 06 Sep 2022 18:59

Tgt Ion:130 Resp: 2233
Ion Ratio Lower Upper
130 100
95 117.4 0.0 186.8





#49

1,4-Dioxane

Concen: 1.432 ug/l

RT: 9.522 min Scan# 1295

Delta R.T. 0.018 min

Lab File: VN074349.D

Acq: 06 Sep 2022 18:59

Instrument :

MSVOA_N

ClientSampleId :

IBLK

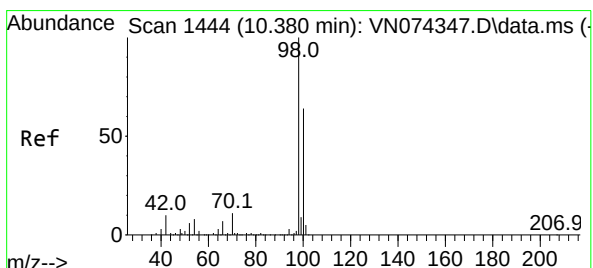
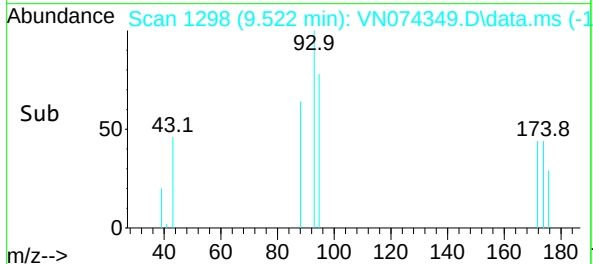
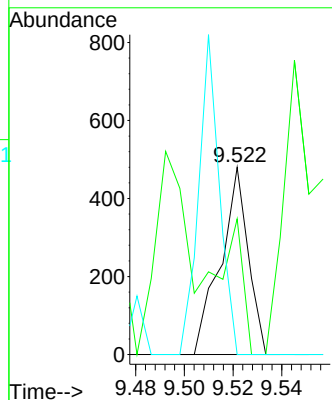
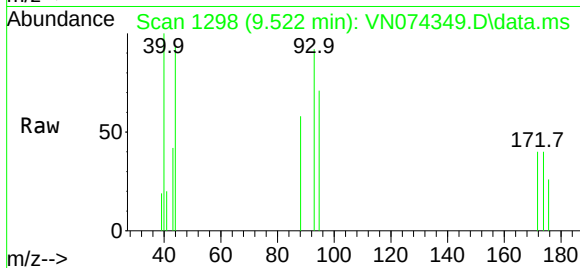
Tgt Ion: 88 Resp: 381

Ion Ratio Lower Upper

88 100

43 0.0 20.2 30.4#

58 127.3 54.2 81.4#



#50

Toluene-d8

Concen: 43.479 ug/l

RT: 10.380 min Scan# 1444

Delta R.T. 0.000 min

Lab File: VN074349.D

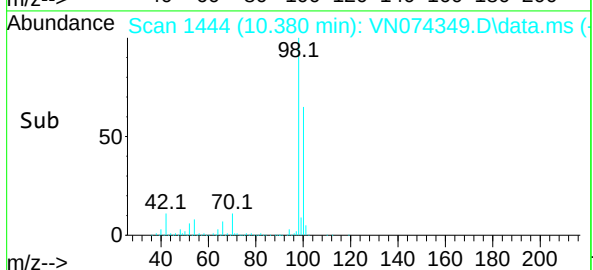
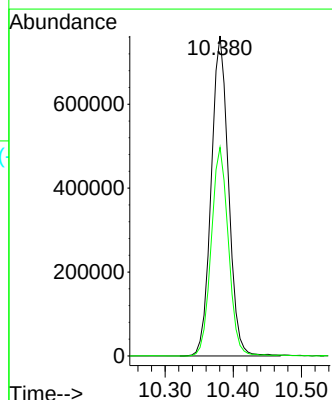
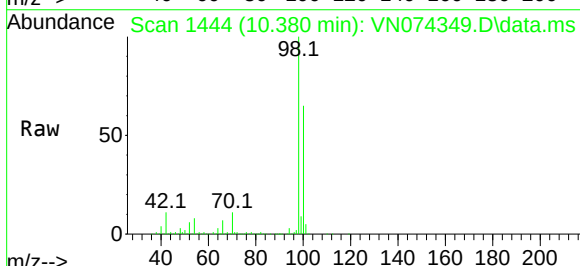
Acq: 06 Sep 2022 18:59

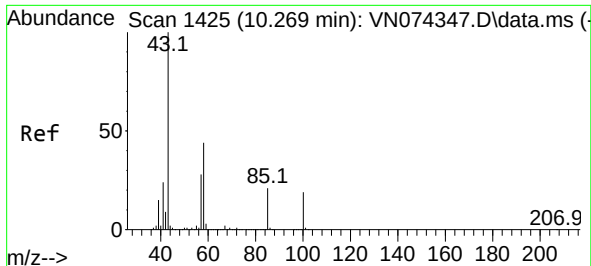
Tgt Ion: 98 Resp: 1346490

Ion Ratio Lower Upper

98 100

100 64.7 52.6 78.8

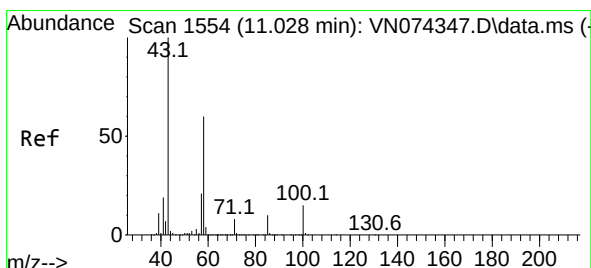
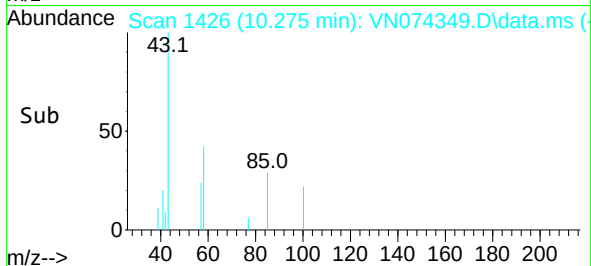
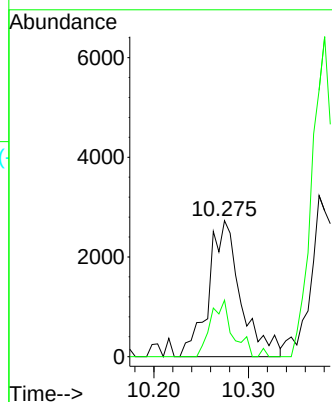
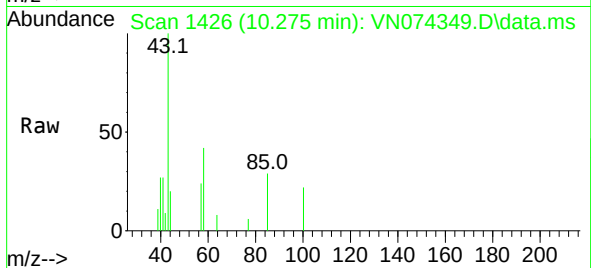




#51
4-Methyl-2-Pentanone
Concen: 0.442 ug/l
RT: 10.275 min Scan# 1425
Delta R.T. 0.006 min
Lab File: VN074349.D
Acq: 06 Sep 2022 18:59

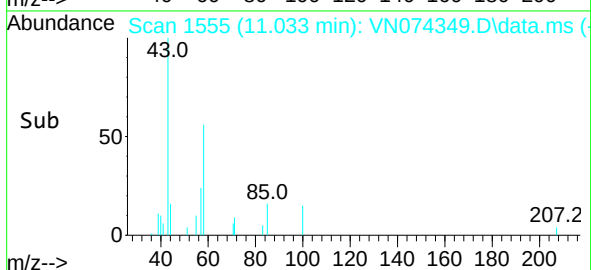
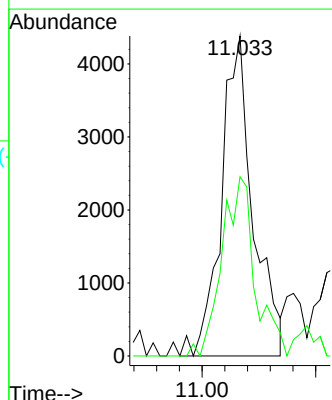
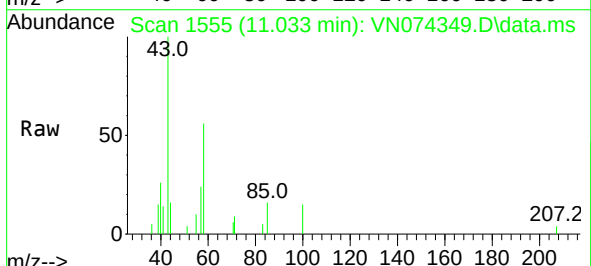
Instrument :
MSVOA_N
ClientSampleId :
IBLK

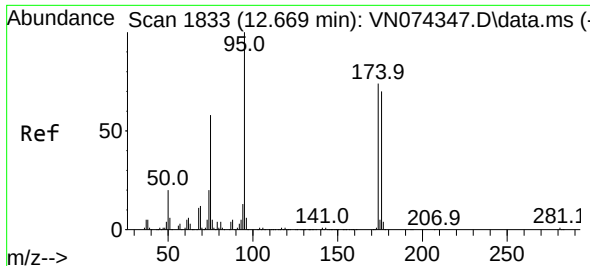
Tgt Ion: 43 Resp: 6409
Ion Ratio Lower Upper
43 100
58 28.4 34.1 51.1#



#59
2-Hexanone
Concen: 0.772 ug/l
RT: 11.033 min Scan# 1555
Delta R.T. 0.005 min
Lab File: VN074349.D
Acq: 06 Sep 2022 18:59

Tgt Ion: 43 Resp: 8483
Ion Ratio Lower Upper
43 100
58 58.0 29.7 89.1

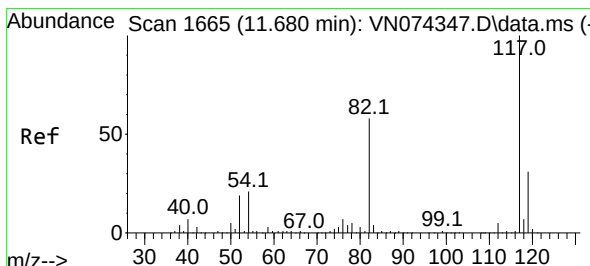
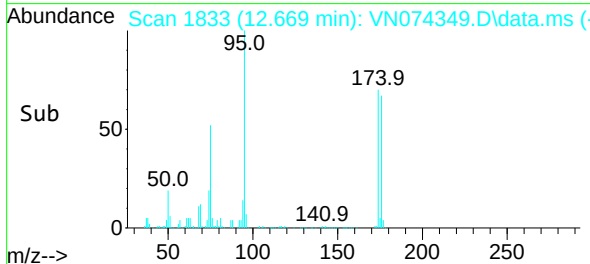
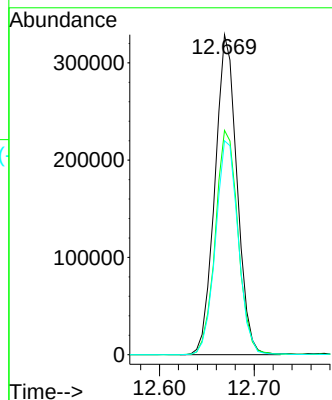
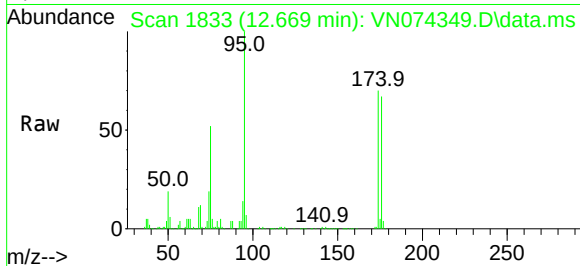




#62
4-Bromofluorobenzene
Concen: 50.839 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN074349.D
Acq: 06 Sep 2022 18:59

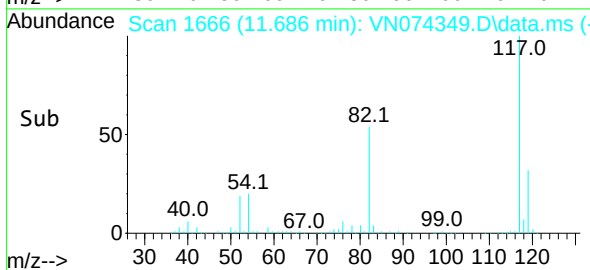
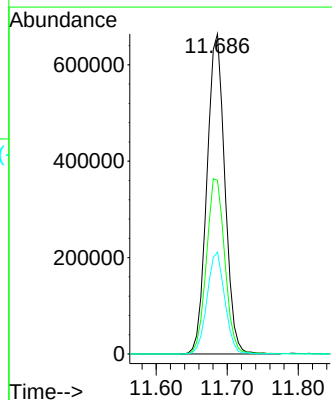
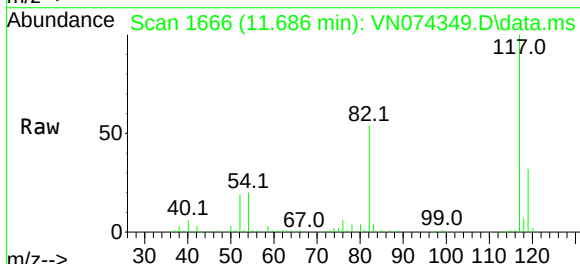
Instrument :
MSVOA_N
ClientSampleId :
IBLK

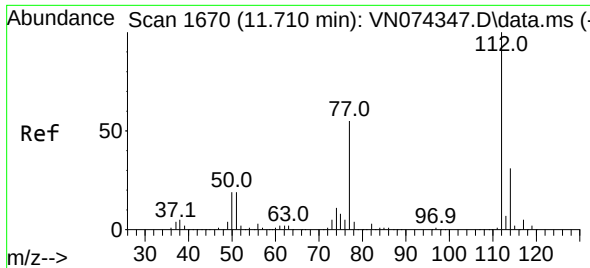
Tgt Ion: 95 Resp: 533060
Ion Ratio Lower Upper
95 100
174 72.0 0.0 167.6
176 68.7 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.006 min
Lab File: VN074349.D
Acq: 06 Sep 2022 18:59

Tgt Ion: 117 Resp: 1165548
Ion Ratio Lower Upper
117 100
82 54.3 44.2 66.2
119 31.8 25.4 38.0

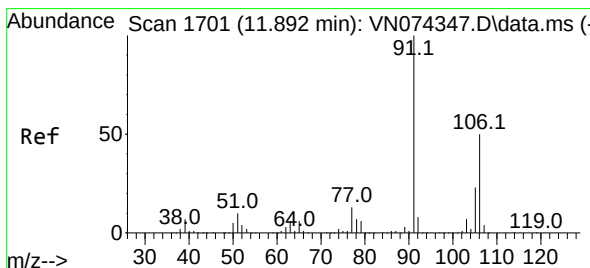
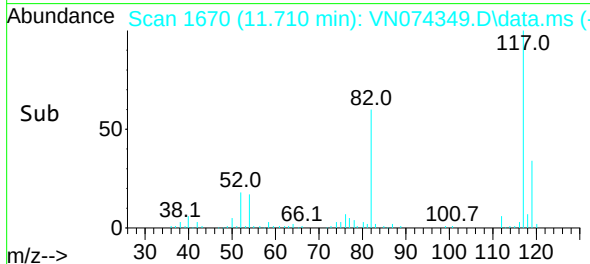
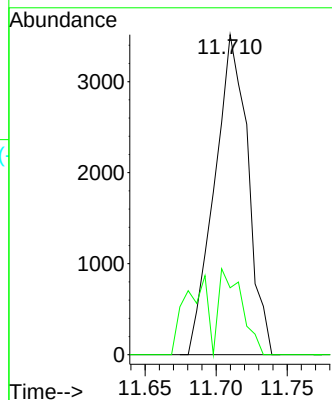
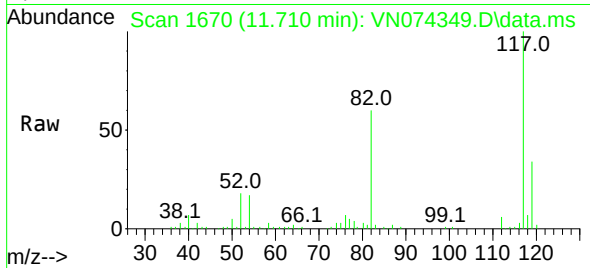




#65
Chlorobenzene
Concen: 0.205 ug/l
RT: 11.710 min Scan# 1670
Delta R.T. -0.000 min
Lab File: VN074349.D
Acq: 06 Sep 2022 18:59

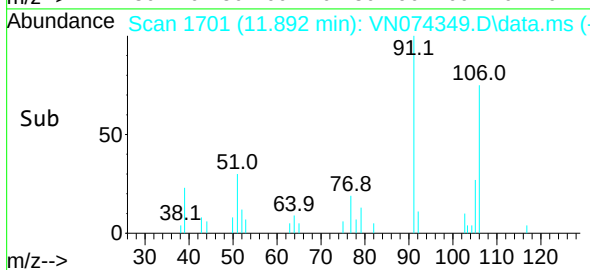
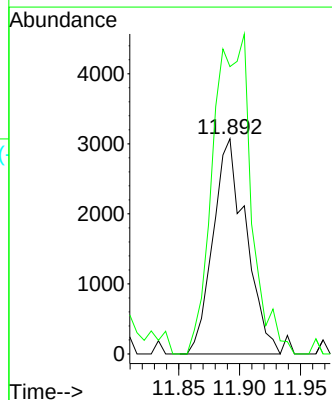
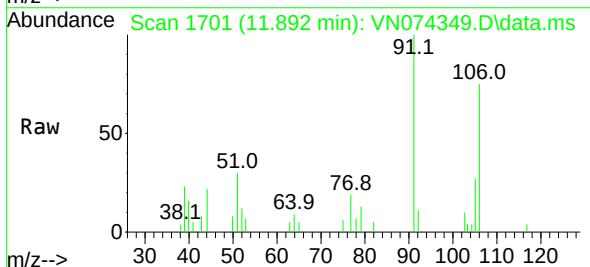
Instrument :
MSVOA_N
ClientSampleId :
IBLK

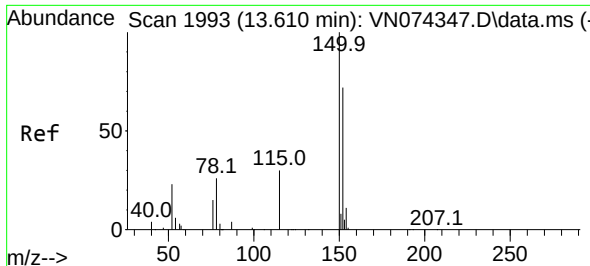
Tgt Ion:112 Resp: 5737
Ion Ratio Lower Upper
112 100
114 20.9 25.4 38.2#



#68
m/p-Xylenes
Concen: 0.312 ug/l
RT: 11.892 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN074349.D
Acq: 06 Sep 2022 18:59

Tgt Ion:106 Resp: 5777
Ion Ratio Lower Upper
106 100
91 171.6 158.9 238.3

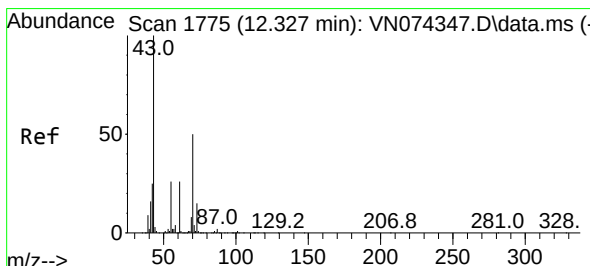
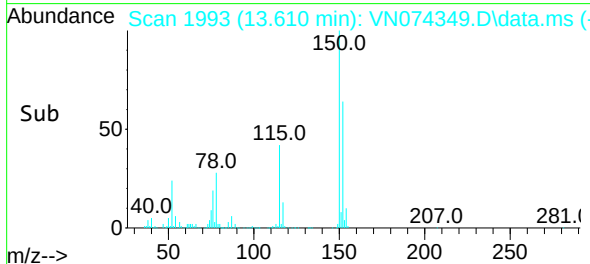
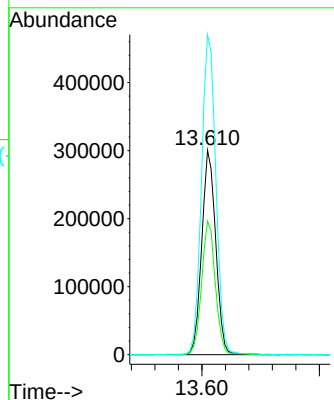
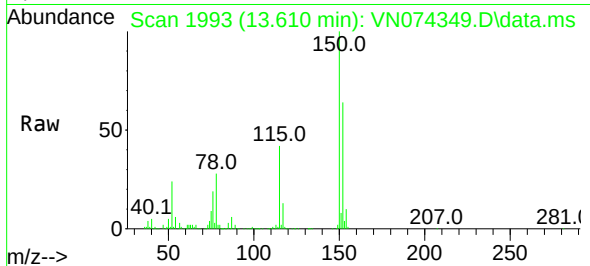




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.610 min Scan# 1993
 Delta R.T. -0.000 min
 Lab File: VN074349.D
 Acq: 06 Sep 2022 18:59

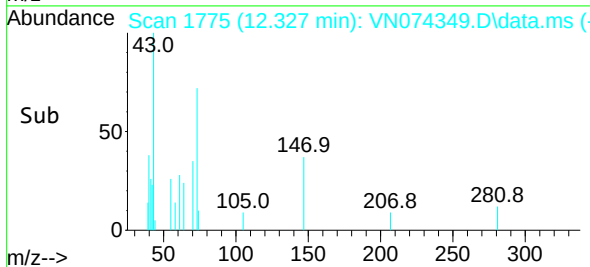
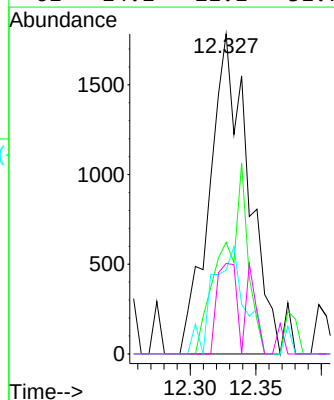
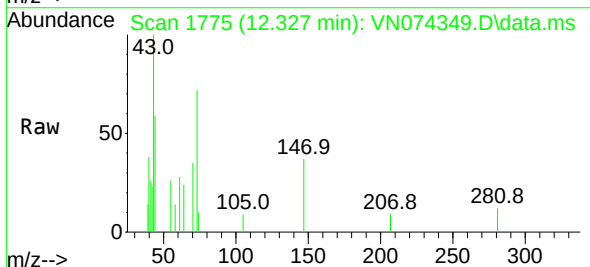
Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

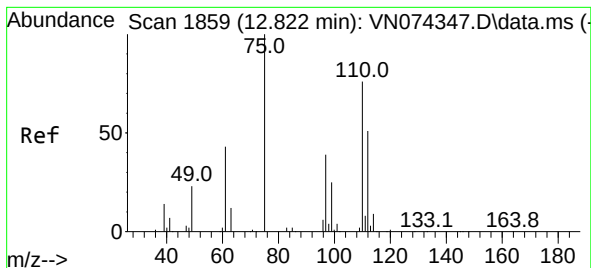
Tgt Ion:152 Resp: 494949
 Ion Ratio Lower Upper
 152 100
 115 64.4 28.9 86.7
 150 160.6 0.0 356.2



#74
 N-ethyl acetate
 Concen: 0.221 ug/l
 RT: 12.327 min Scan# 1775
 Delta R.T. 0.000 min
 Lab File: VN074349.D
 Acq: 06 Sep 2022 18:59

Tgt Ion: 43 Resp: 3643
 Ion Ratio Lower Upper
 43 100
 70 38.0 39.0 58.4#
 55 27.6 21.1 31.7
 61 14.1 21.1 31.7#





#76

1,2,3-Trichloropropane

Concen: 19.609 ug/l

RT: 12.669 min Scan# 1833

Delta R.T. -0.153 min

Lab File: VN074349.D

Acq: 06 Sep 2022 18:59

Instrument :

MSVOA_N

ClientSampleId :

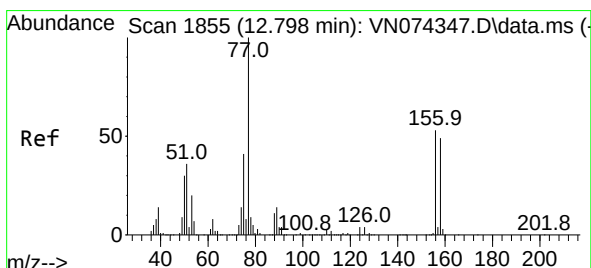
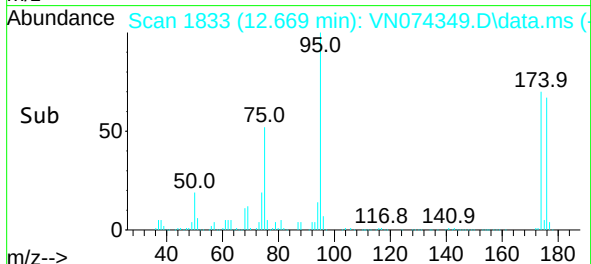
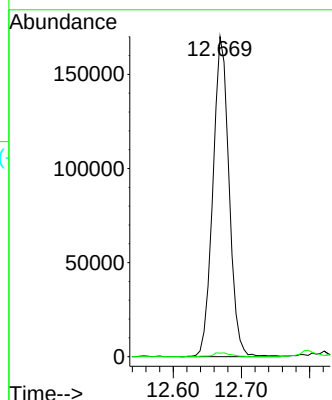
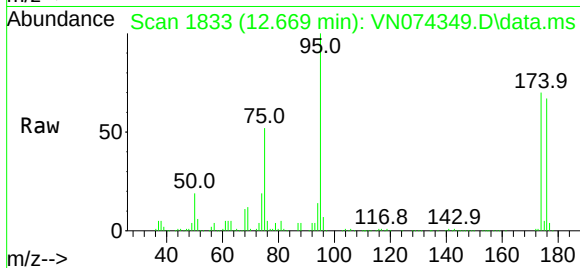
IBLK

Tgt Ion: 75 Resp: 281016

Ion Ratio Lower Upper

75 100

77 1.4 98.5 295.5#



#77

Bromobenzene

Concen: 0.255 ug/l

RT: 12.798 min Scan# 1855

Delta R.T. -0.000 min

Lab File: VN074349.D

Acq: 06 Sep 2022 18:59

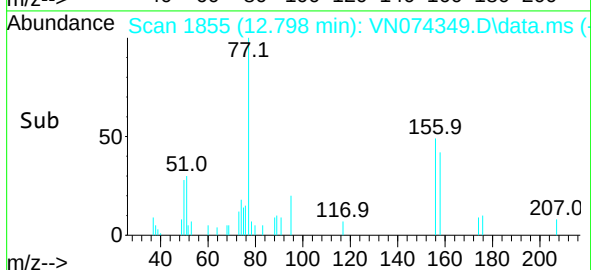
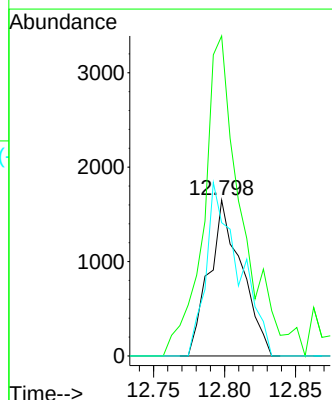
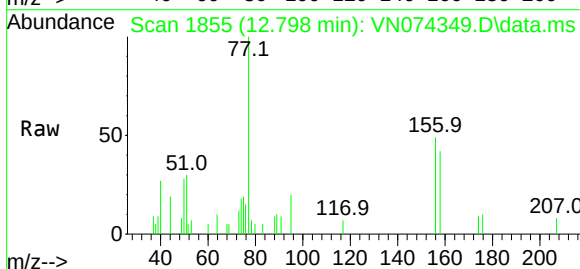
Tgt Ion: 156 Resp: 2628

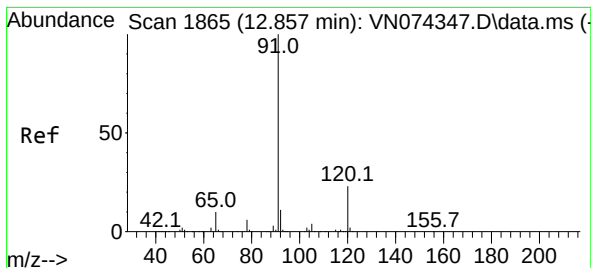
Ion Ratio Lower Upper

156 100

77 236.3 100.5 301.5

158 112.3 48.9 146.6





#78

n-propylbenzene

Concen: 0.205 ug/l

RT: 12.863 min Scan# 1866

Delta R.T. 0.006 min

Lab File: VN074349.D

Acq: 06 Sep 2022 18:59

Instrument :

MSVOA_N

ClientSampleId :

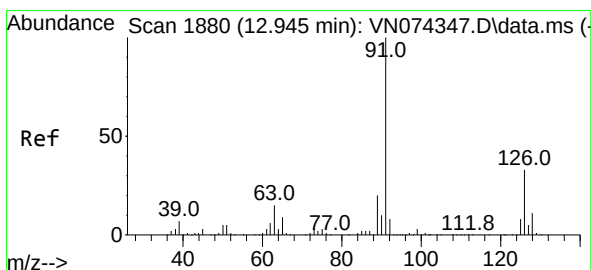
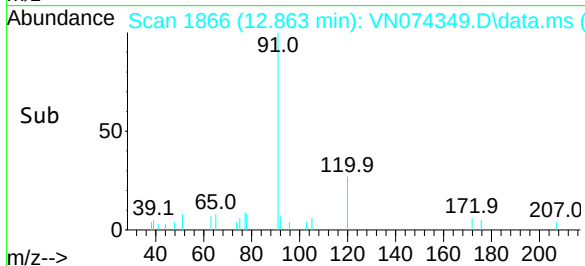
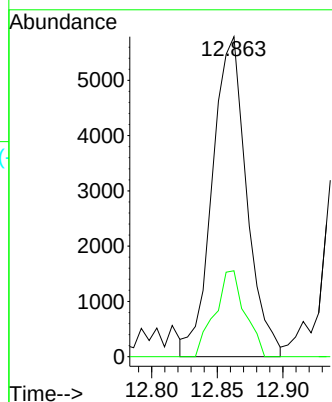
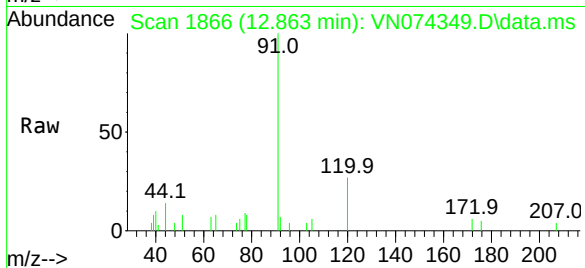
IBLK

Tgt Ion: 91 Resp: 10539

Ion Ratio Lower Upper

91 100

120 23.4 11.9 35.5



#79

2-Chlorotoluene

Concen: 0.239 ug/l

RT: 12.945 min Scan# 1880

Delta R.T. 0.000 min

Lab File: VN074349.D

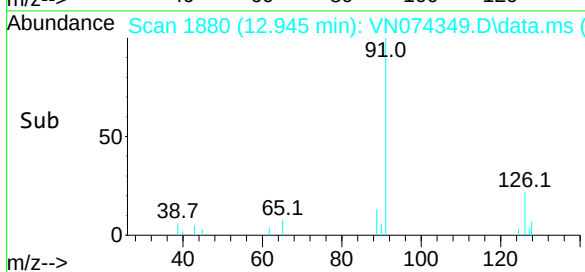
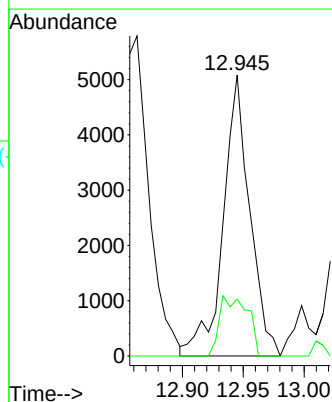
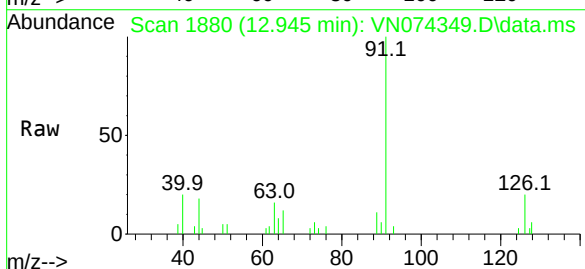
Acq: 06 Sep 2022 18:59

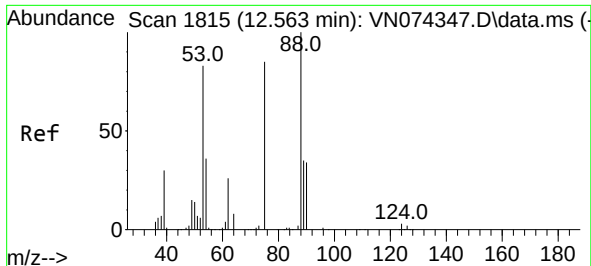
Tgt Ion: 91 Resp: 7726

Ion Ratio Lower Upper

91 100

126 22.6 17.3 51.9

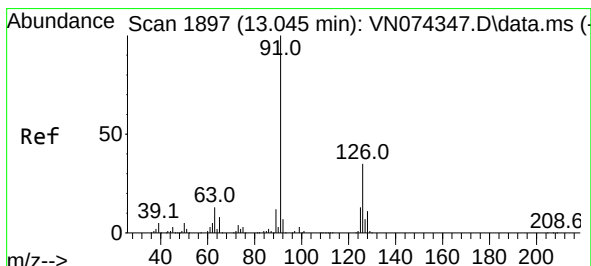
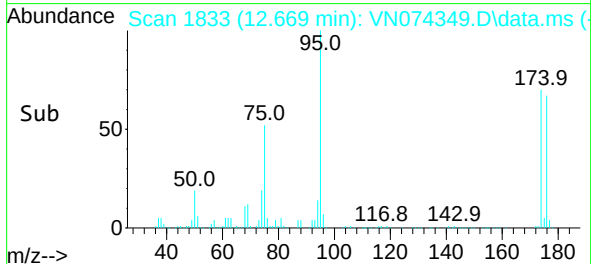
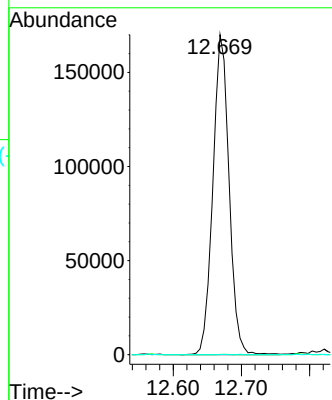
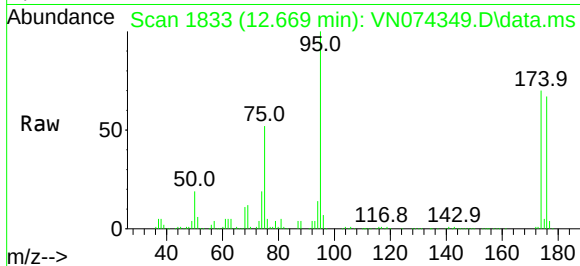




#81
trans-1,4-Dichloro-2-butene
Concen: 64.386 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.106 min
Lab File: VN074349.D
Acq: 06 Sep 2022 18:59

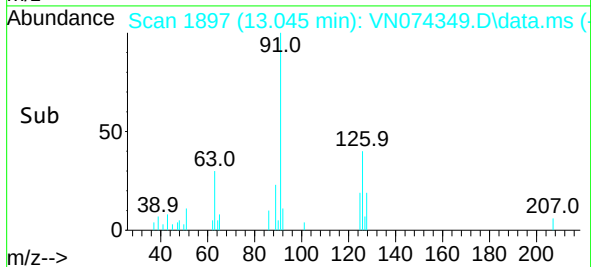
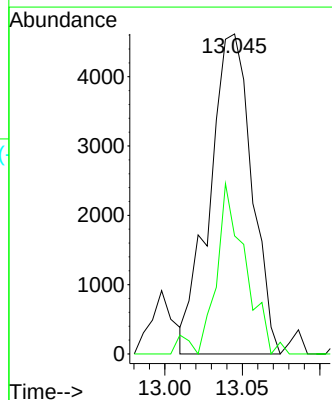
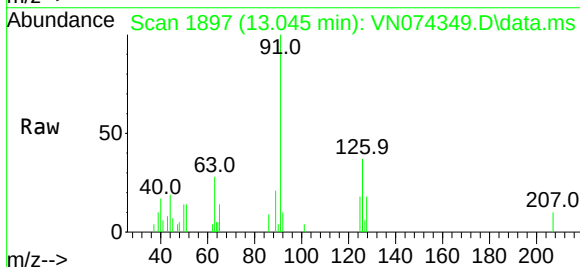
Instrument :
MSVOA_N
ClientSampleId :
IBLK

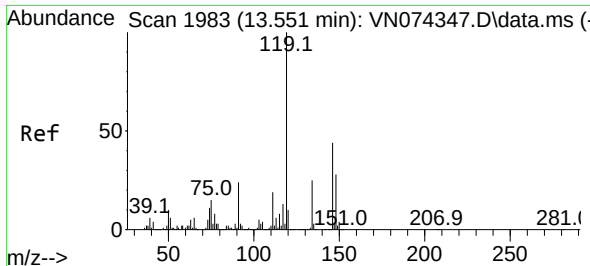
Tgt Ion: 75 Resp: 281016
Ion Ratio Lower Upper
75 100
53 0.1 78.0 117.0#
89 0.0 37.2 55.8#



#82
4-Chlorotoluene
Concen: 0.291 ug/l
RT: 13.045 min Scan# 1897
Delta R.T. -0.000 min
Lab File: VN074349.D
Acq: 06 Sep 2022 18:59

Tgt Ion: 91 Resp: 8723
Ion Ratio Lower Upper
91 100
126 37.5 17.2 51.6





#87

1,3-Dichlorobenzene

Concen: 0.432 ug/l

RT: 13.557 min Scan# 1984

Delta R.T. 0.006 min

Lab File: VN074349.D

Acq: 06 Sep 2022 18:59

Instrument :

MSVOA_N

ClientSampleId :

IBLK

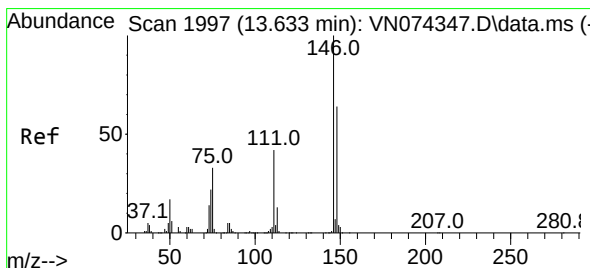
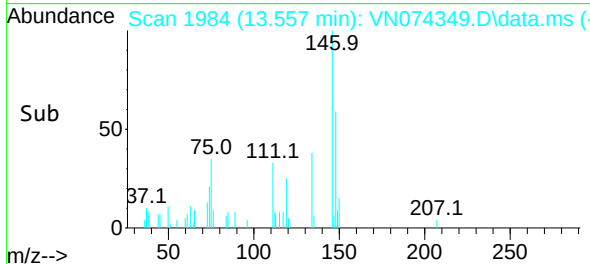
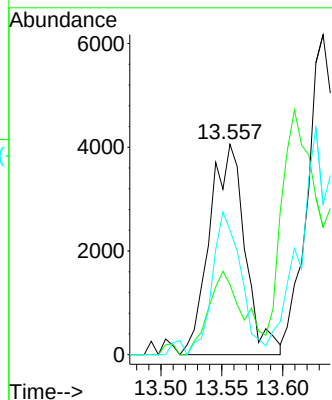
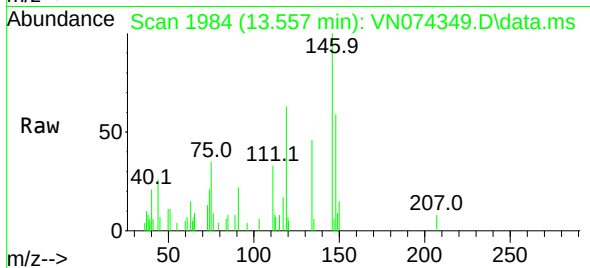
Tgt Ion:146 Resp: 8231

Ion Ratio Lower Upper

146 100

111 39.5 20.0 60.0

148 54.7 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 0.439 ug/l

RT: 13.557 min Scan# 1984

Delta R.T. -0.076 min

Lab File: VN074349.D

Acq: 06 Sep 2022 18:59

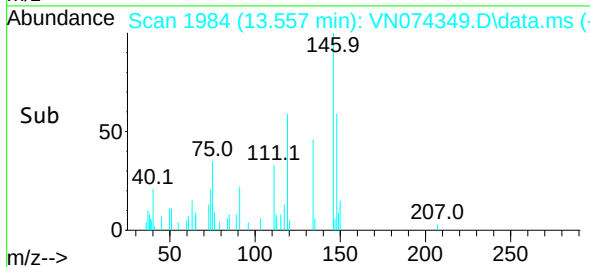
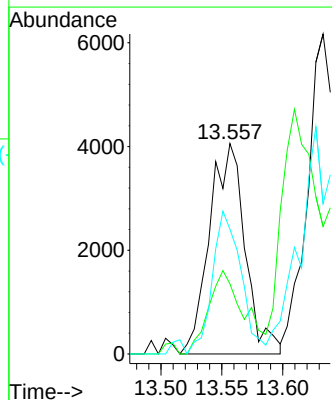
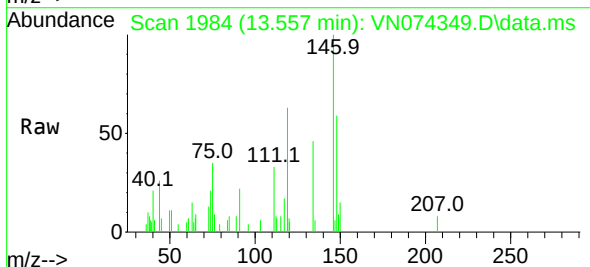
Tgt Ion:146 Resp: 8231

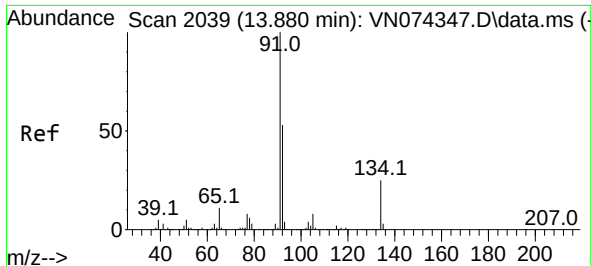
Ion Ratio Lower Upper

146 100

111 39.5 19.1 57.1

148 54.7 31.4 94.3

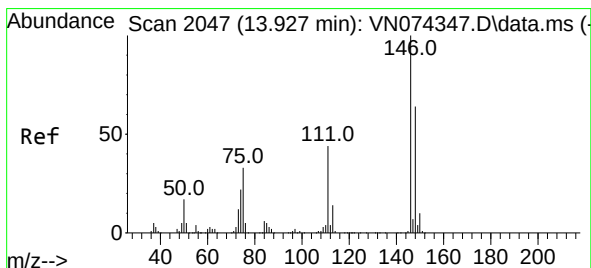
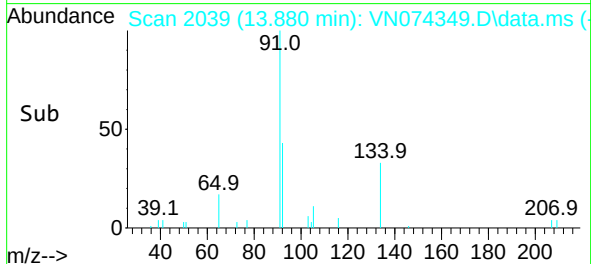
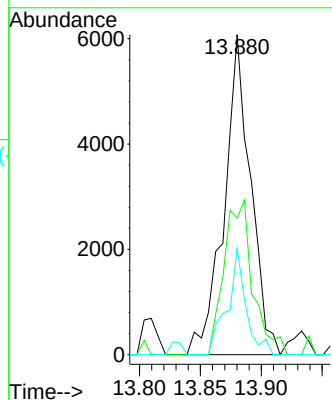
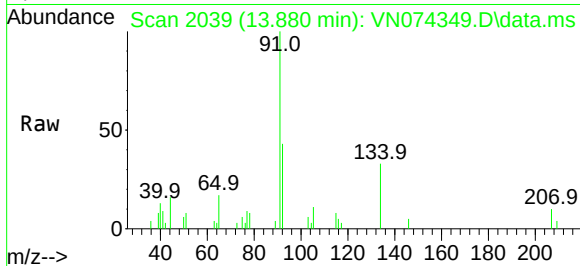




#89
n-Butylbenzene
Concen: 0.313 ug/l
RT: 13.880 min Scan# 2039
Delta R.T. 0.000 min
Lab File: VN074349.D
Acq: 06 Sep 2022 18:59

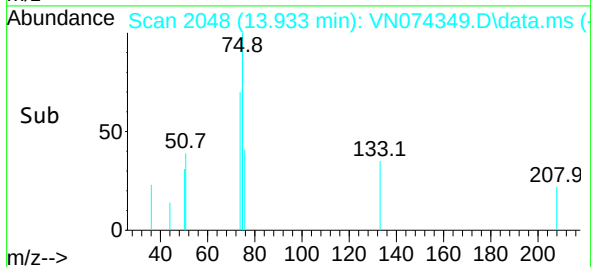
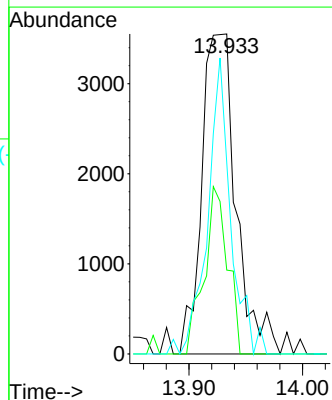
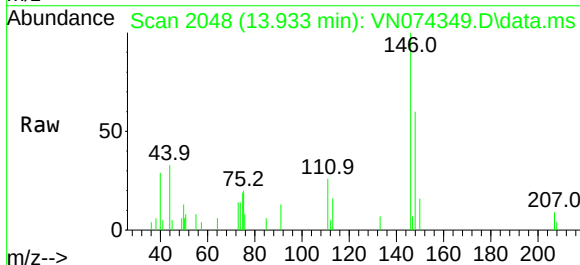
Instrument :
MSVOA_N
ClientSampleId :
IBLK

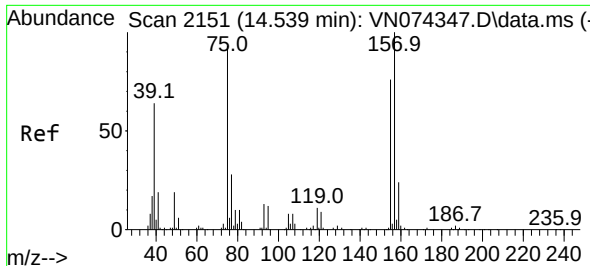
Tgt Ion:	91	Resp:	9242
Ion	Ratio	Lower	Upper
91	100		
92	52.1	26.9	80.7
134	23.4	13.6	40.8



#91
1,2-Dichlorobenzene
Concen: 0.381 ug/l
RT: 13.933 min Scan# 2048
Delta R.T. 0.006 min
Lab File: VN074349.D
Acq: 06 Sep 2022 18:59

Tgt Ion:	146	Resp:	7473
Ion	Ratio	Lower	Upper
146	100		
111	35.6	20.9	62.8
148	62.3	32.1	96.3

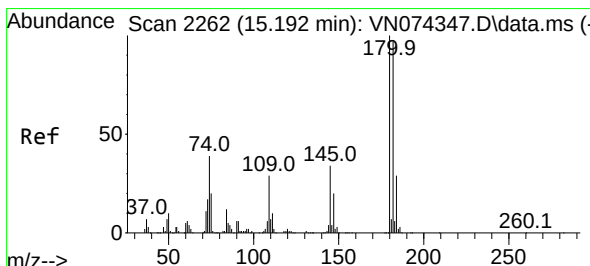
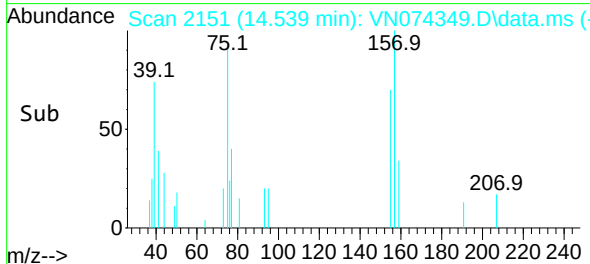
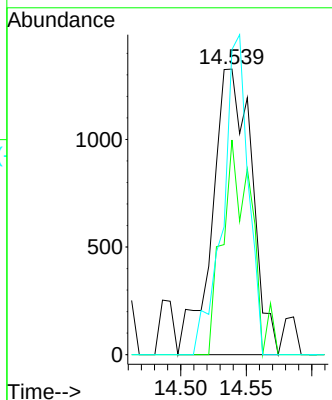
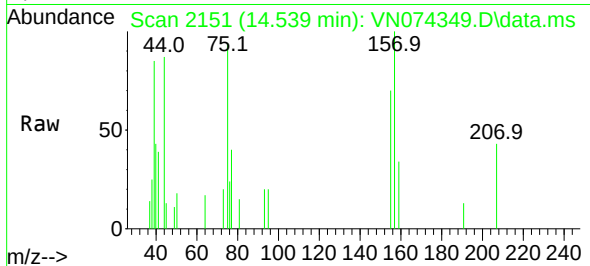




#92
1,2-Dibromo-3-Chloropropane
Concen: 0.745 ug/l
RT: 14.539 min Scan# 2151
Delta R.T. 0.000 min
Lab File: VN074349.D
Acq: 06 Sep 2022 18:59

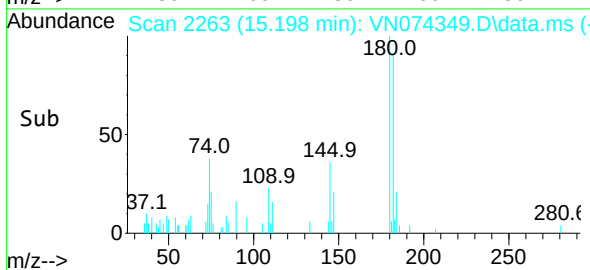
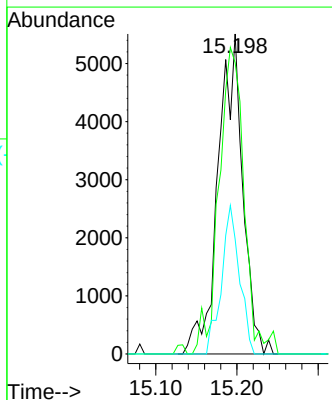
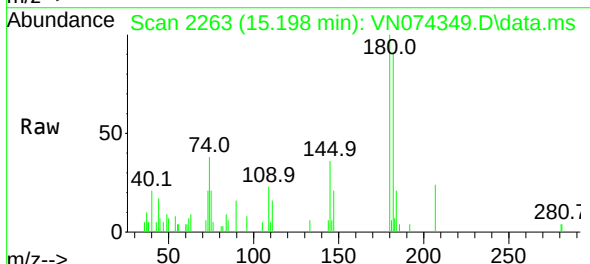
Instrument :
MSVOA_N
ClientSampleId :
IBLK

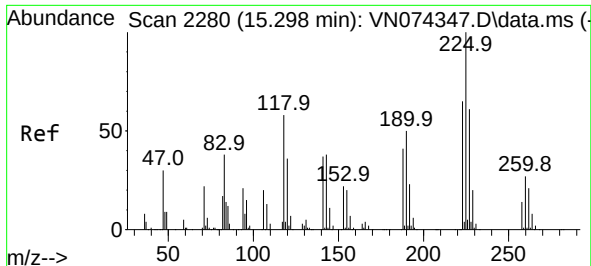
Tgt Ion: 75 Resp: 2777
Ion Ratio Lower Upper
75 100
155 55.1 44.9 134.5
157 72.2 59.0 176.8



#93
1,2,4-Trichlorobenzene
Concen: 1.282 ug/l
RT: 15.198 min Scan# 2263
Delta R.T. 0.006 min
Lab File: VN074349.D
Acq: 06 Sep 2022 18:59

Tgt Ion: 180 Resp: 11634
Ion Ratio Lower Upper
180 100
182 97.4 47.5 142.5
145 33.8 14.5 43.5

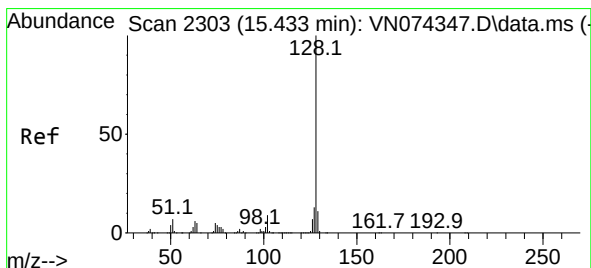
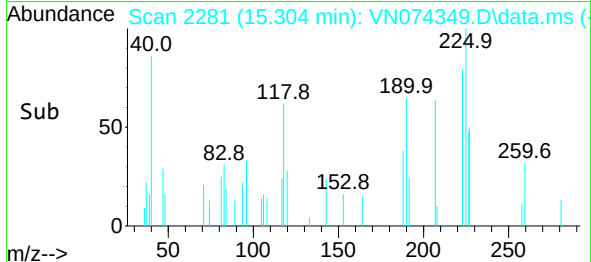
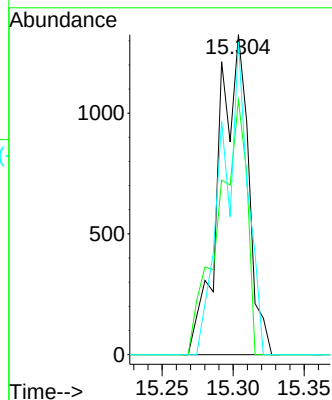
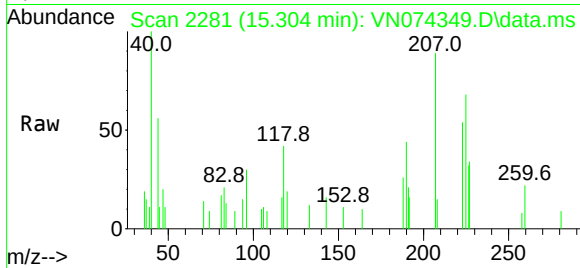




#94
Hexachlorobutadiene
Concen: 0.431 ug/l
RT: 15.304 min Scan# 2281
Delta R.T. 0.006 min
Lab File: VN074349.D
Acq: 06 Sep 2022 18:59

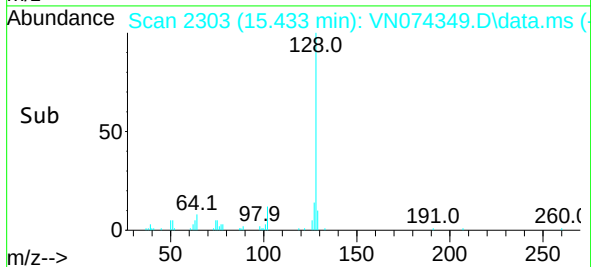
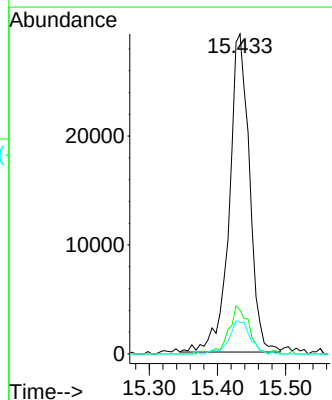
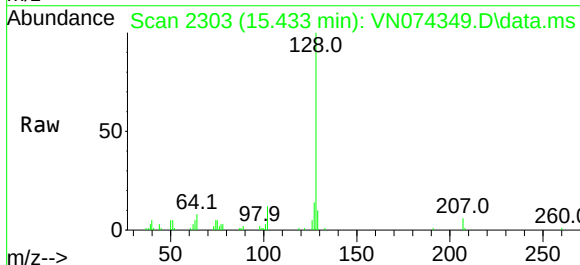
Instrument :
MSVOA_N
ClientSampleId :
IBLK

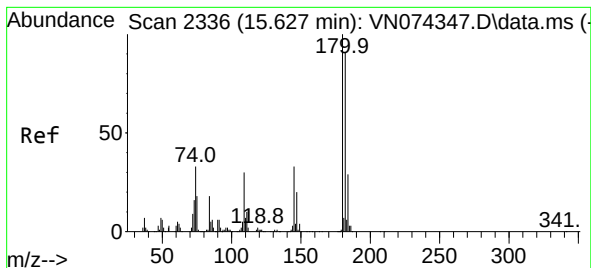
Tgt Ion:	225	Resp:	1930
Ion Ratio	Lower	Upper	
225	100		
223	76.2	32.4	97.2
227	83.9	31.8	95.4



#95
Naphthalene
Concen: 1.814 ug/l
RT: 15.433 min Scan# 2303
Delta R.T. 0.000 min
Lab File: VN074349.D
Acq: 06 Sep 2022 18:59

Tgt Ion:	128	Resp:	60250
Ion Ratio	Lower	Upper	
128	100		
127	15.1	10.3	15.5
129	10.9	8.6	13.0





#96

1,2,3-Trichlorobenzene

Concen: 1.636 ug/l

RT: 15.627 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN074349.D

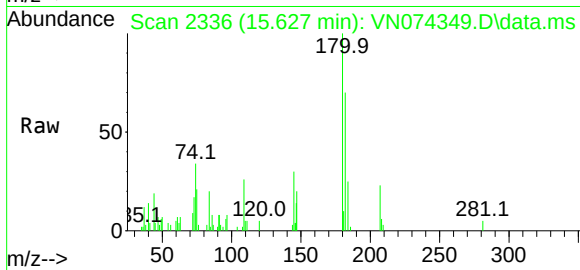
Acq: 06 Sep 2022 18:59

Instrument :

MSVOA_N

ClientSampleId :

IBLK



Tgt Ion:180 Resp: 15491

Ion Ratio Lower Upper

180 100

182 84.7 47.8 143.3

145 29.9 15.5 46.5

