

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090122\
 Data File : VN074246.D
 Acq On : 01 Sep 2022 16:43
 Operator : JC\MD
 Sample : N4329-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 02 05:39:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083022W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 31 07:02:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.022	168	236273	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	431673	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	420819	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	188563	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	172872	47.166	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.340%
35) Dibromofluoromethane	7.951	113	142264	50.646	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.300%
50) Toluene-d8	10.380	98	523825	47.353	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.700%
62) 4-Bromofluorobenzene	12.669	95	201008	59.752	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	119.500%

Target Compounds			Qvalue			
3) Chloromethane	2.269	50	1096	0.318	ug/l #	76
6) Chloroethane	2.946	64	2424	Below Cal	#	42
11) Tert butyl alcohol	5.281	59	25447	23.781	ug/l #	72
14) Allyl chloride	4.722	41	1833	0.297	ug/l #	26
15) Acrylonitrile	5.540	53	4865	1.837	ug/l #	27
16) Acetone	4.222	43	24507	10.006	ug/l #	70
17) Carbon Disulfide	4.475	76	3747	0.475	ug/l #	75
18) Methyl Acetate	4.793	43	3338	Below Cal	#	62
19) Methyl tert-butyl Ether	5.540	73	239403	23.364	ug/l #	49
20) Methylene Chloride	4.993	84	673	Below Cal	#	19
22) Diisopropyl ether	6.416	45	294398	23.391	ug/l #	87
23) Vinyl Acetate	6.404	43	145248	13.669	ug/l #	70
24) 1,1-Dichloroethane	6.316	63	3974	0.640	ug/l #	82
25) 2-Butanone	7.269	43	7202	1.838	ug/l #	69
26) 2,2-Dichloropropane	7.104	77	91	0.290	ug/l #	53
27) cis-1,2-Dichloroethene	7.251	96	3097	0.867	ug/l	59
31) Cyclohexane	8.022	56	56750	9.371	ug/l	87
36) 1,1-Dichloropropene	8.022	75	21872	4.799	ug/l #	45
37) Ethyl Acetate	7.269	43	7202	0.945	ug/l #	67
38) Carbon Tetrachloride	8.022	117	24770	5.985	ug/l #	18
39) Methylcyclohexane	9.386	83	19157	3.581	ug/l	93
40) Benzene	8.386	78	105521	7.374	ug/l	93
43) Isopropyl Acetate	8.463	43	14371	1.403	ug/l #	56
49) 1,4-Dioxane	9.516	88	58	0.552	ug/l #	1
51) 4-Methyl-2-Pentanone	10.275	43	5691	0.765	ug/l #	84
52) Toluene	10.445	92	22261	2.639	ug/l	88
59) 2-Hexanone	11.063	43	1281	0.227	ug/l	70
67) Ethyl Benzene	11.780	91	44384	2.612	ug/l #	89
68) m/p-Xylenes	11.898	106	26556	4.207	ug/l	92
69) o-Xylene	12.221	106	3311	0.526	ug/l	88
73) Isopropylbenzene	12.521	105	26130	1.618	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.780	83	2326	0.347	ug/l #	49
76) 1,2,3-Trichloropropane	12.669	75	113937	24.254	ug/l #	1
78) n-propylbenzene	12.863	91	41123	2.234	ug/l	92
79) 2-Chlorotoluene	12.863	91	41123	3.647	ug/l #	40
80) 1,3,5-Trimethylbenzene	12.998	105	3582	0.273	ug/l	85

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083022W.M
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

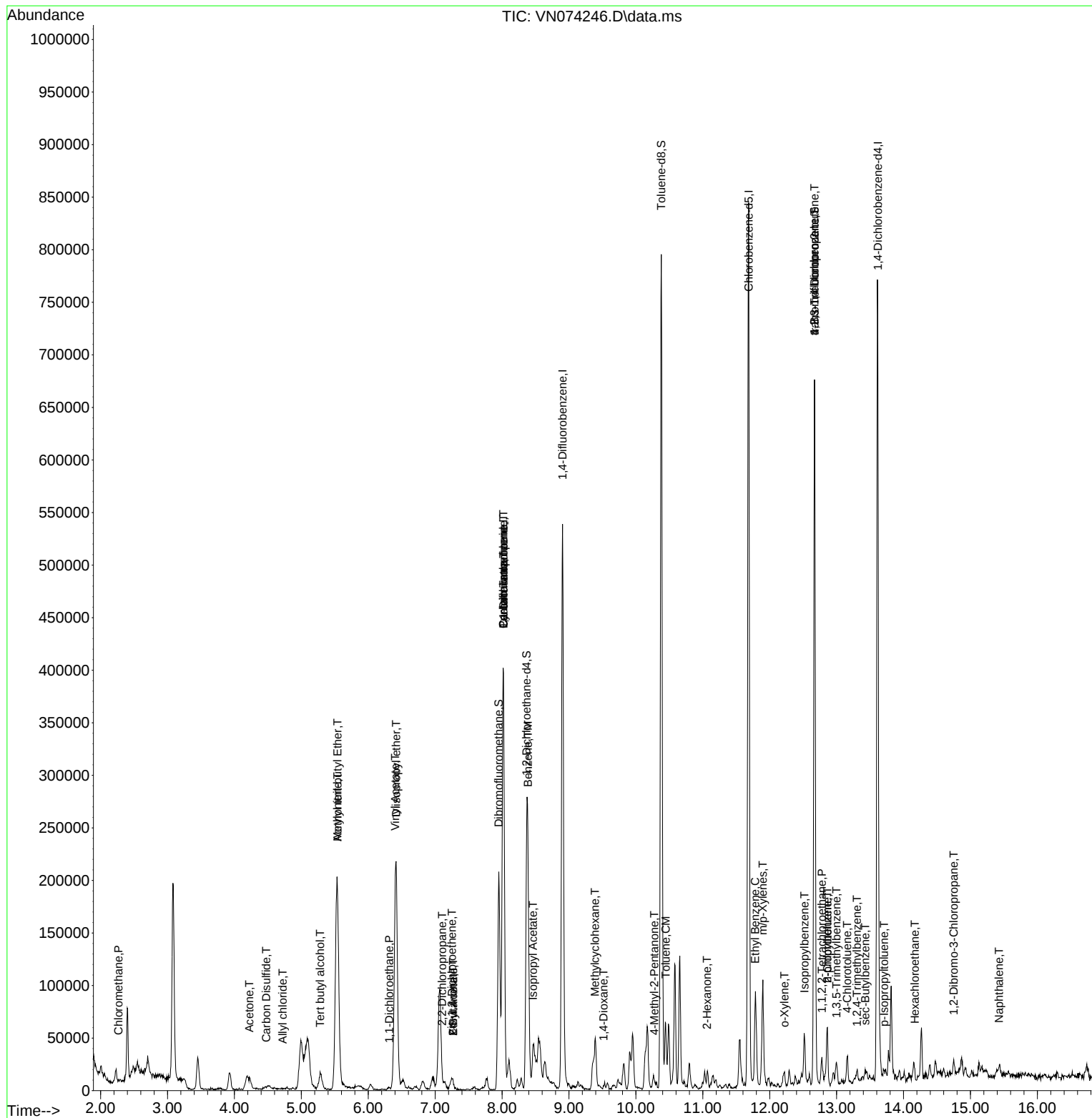
81) trans-1,4-Dichloro-2-b...	12.669	75	113937	62.718	ug/l #	11
82) 4-Chlorotoluene	13.157	91	2459	0.225	ug/l #	40
84) 1,2,4-Trimethylbenzene	13.304	105	5866	0.463	ug/l	75
85) sec-Butylbenzene	13.427	105	3519	0.223	ug/l	90
86) p-Isopropyltoluene	13.710	119	2675	0.218	ug/l	79
90) Hexachloroethane	14.168	117	1651	0.653	ug/l #	9
92) 1,2-Dibromo-3-Chloropr...	14.751	75	326	0.244	ug/l	69
95) Naphthalene	15.427	128	8886	1.758	ug/l #	88

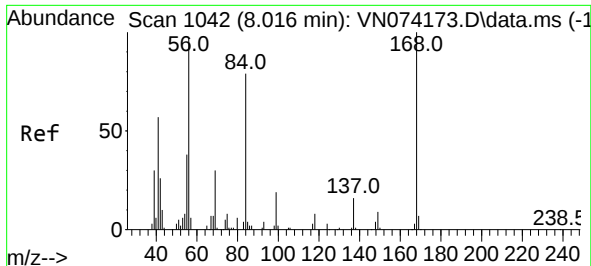
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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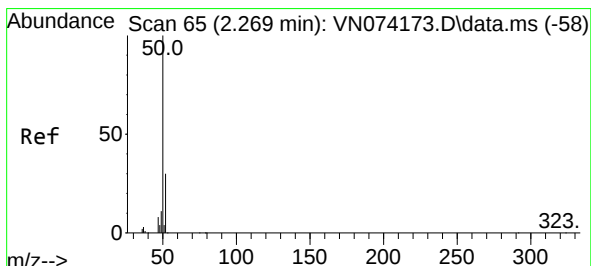
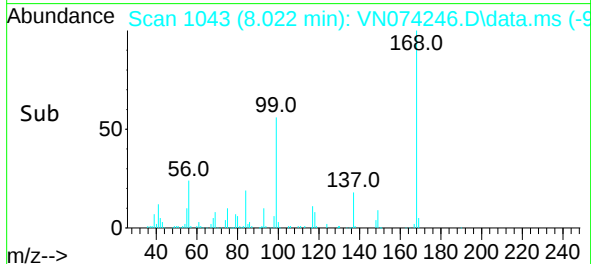
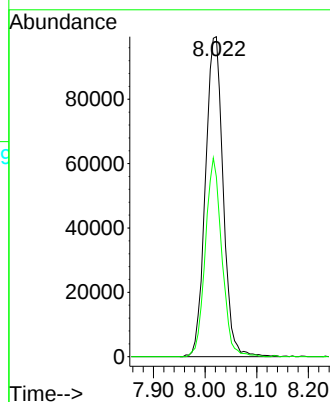
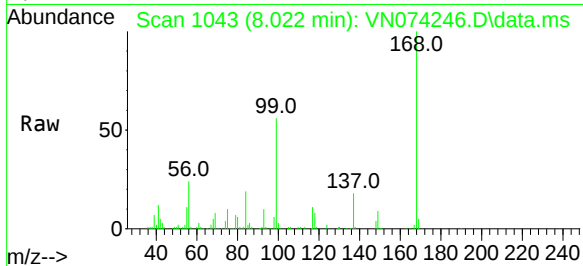




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. 0.006 min
Lab File: VN074246.D
Acq: 01 Sep 2022 16:43

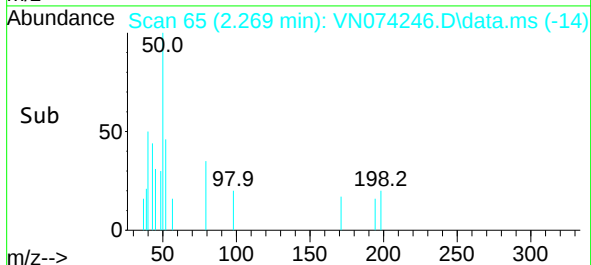
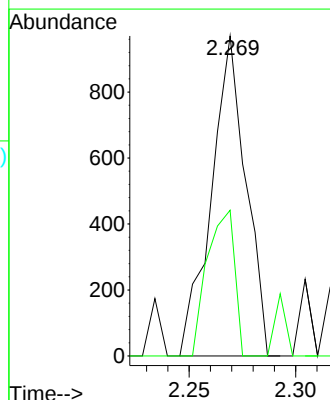
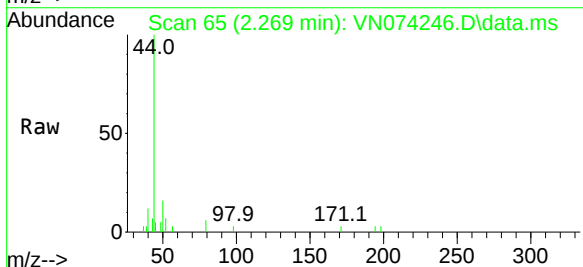
Instrument :
MSVOA_N
ClientSampleId :

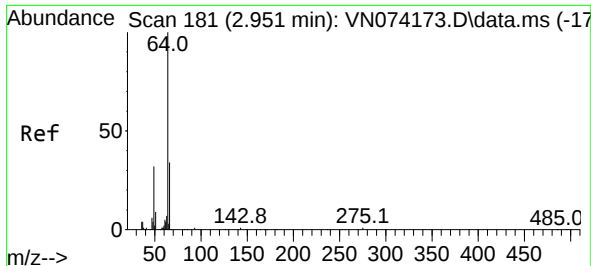
Tgt Ion:168 Resp: 236273
Ion Ratio Lower Upper
168 100
99 56.2 42.3 63.5



#3
Chloromethane
Concen: 0.318 ug/l
RT: 2.269 min Scan# 65
Delta R.T. 0.000 min
Lab File: VN074246.D
Acq: 01 Sep 2022 16:43

Tgt Ion: 50 Resp: 1096
Ion Ratio Lower Upper
50 100
52 45.6 25.7 38.5#

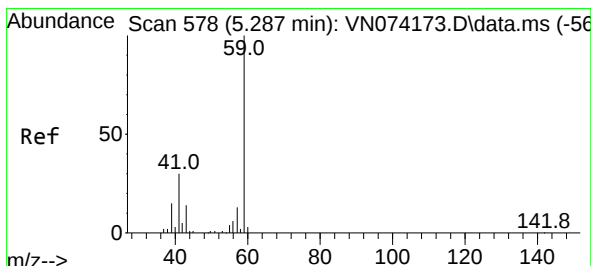
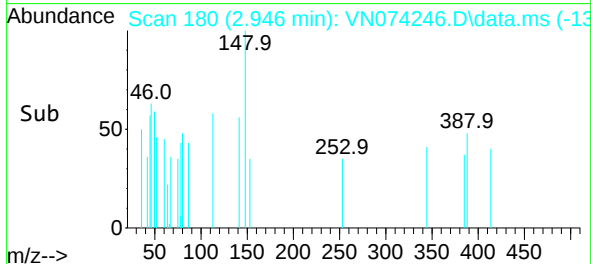
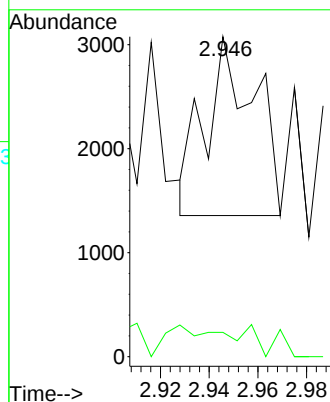
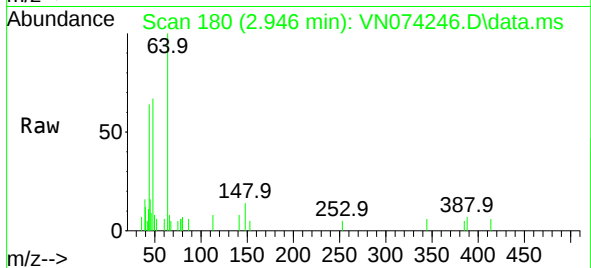




#6
Chloroethane
Concen: Below Cal
RT: 2.946 min Scan# 11
Delta R.T. -0.005 min
Lab File: VN074246.D
Acq: 01 Sep 2022 16:43

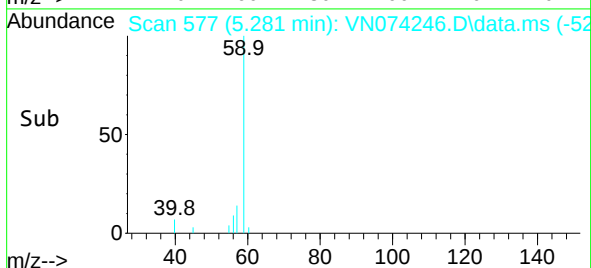
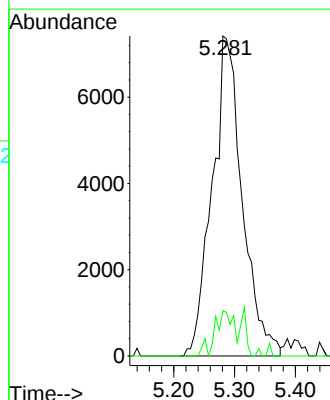
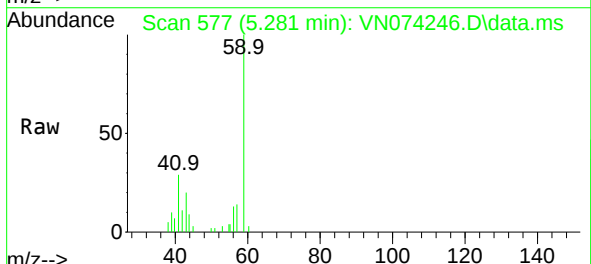
Instrument :
MSVOA_N
ClientSampleId :

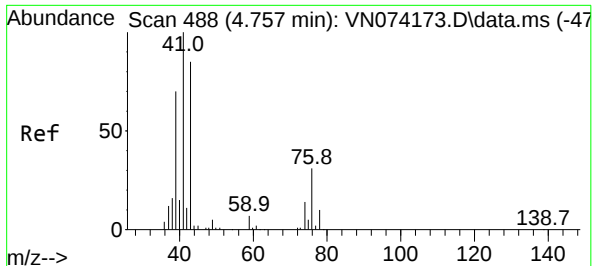
Tgt Ion: 64 Resp: 2424
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#



#11
Tert butyl alcohol
Concen: 23.781 ug/l
RT: 5.281 min Scan# 577
Delta R.T. -0.006 min
Lab File: VN074246.D
Acq: 01 Sep 2022 16:43

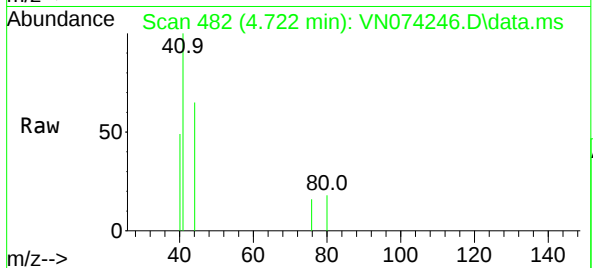
Tgt Ion: 59 Resp: 25447
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



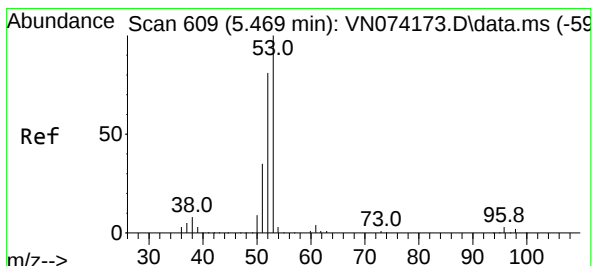
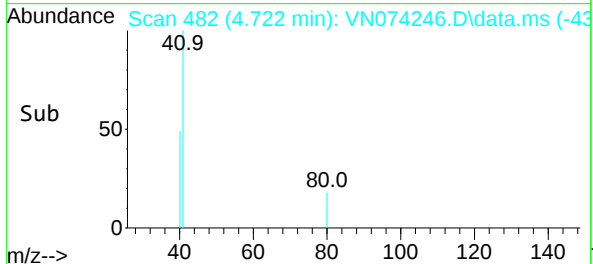
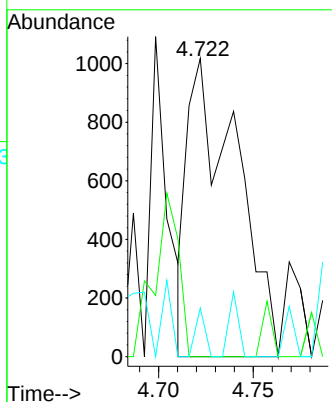


#14
 Allyl chloride
 Concen: 0.297 ug/l
 RT: 4.722 min Scan# 41
 Delta R.T. -0.035 min
 Lab File: VN074246.D
 Acq: 01 Sep 2022 16:43

Instrument :
 MSVOA_N
 ClientSampleId :

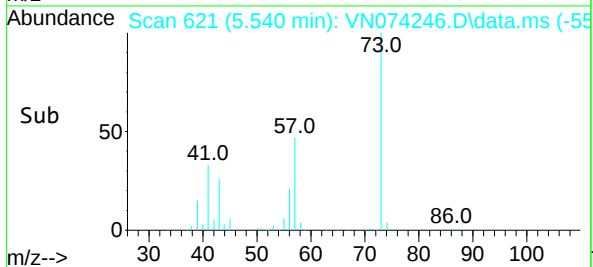
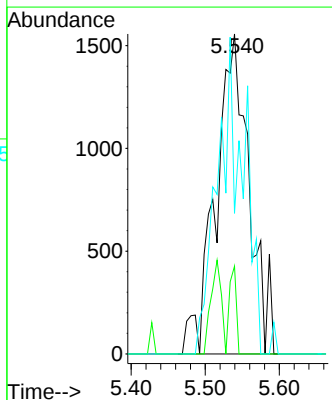
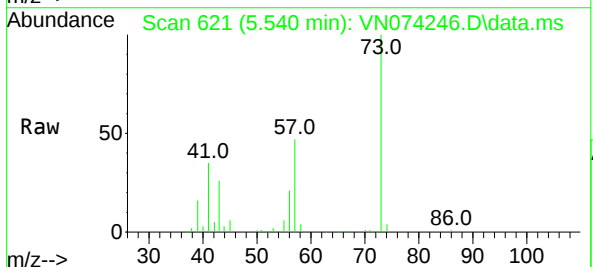


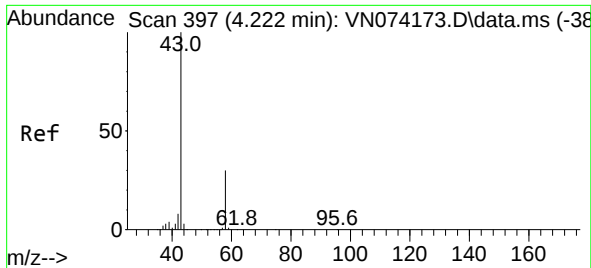
Tgt Ion: 41 Resp: 1833
 Ion Ratio Lower Upper
 41 100
 39 0.0 53.2 79.8#
 76 3.2 29.9 44.9#



#15
 Acrylonitrile
 Concen: 1.837 ug/l
 RT: 5.540 min Scan# 621
 Delta R.T. 0.071 min
 Lab File: VN074246.D
 Acq: 01 Sep 2022 16:43

Tgt Ion: 53 Resp: 4865
 Ion Ratio Lower Upper
 53 100
 52 5.6 66.4 99.6#
 51 61.3 28.5 42.7#

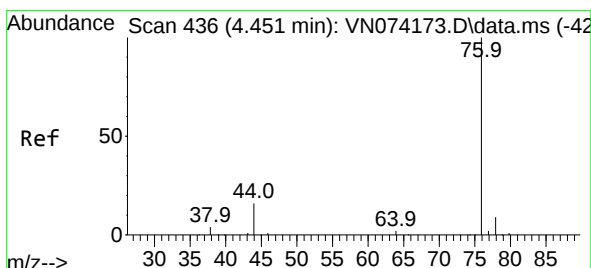
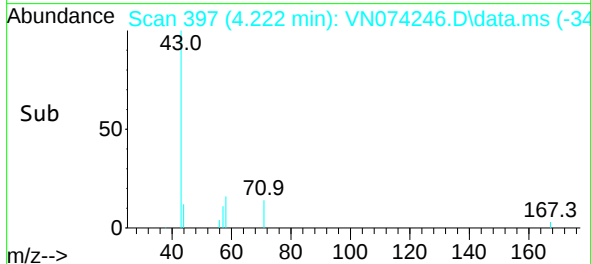
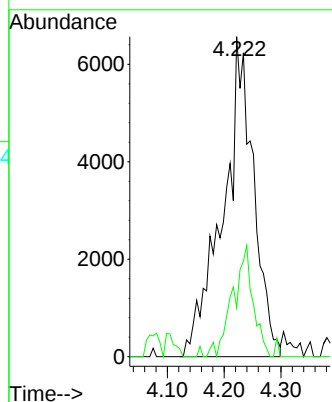
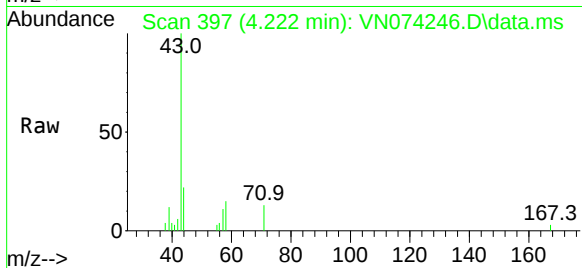




#16
Acetone
Concen: 10.006 ug/l
RT: 4.222 min Scan# 397
Delta R.T. 0.000 min
Lab File: VN074246.D
Acq: 01 Sep 2022 16:43

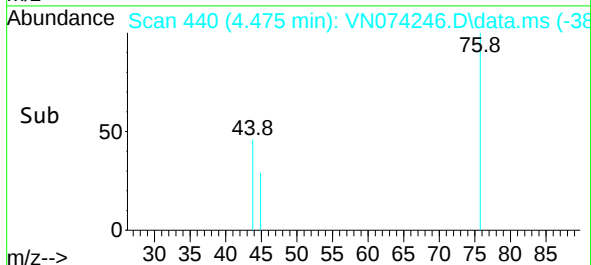
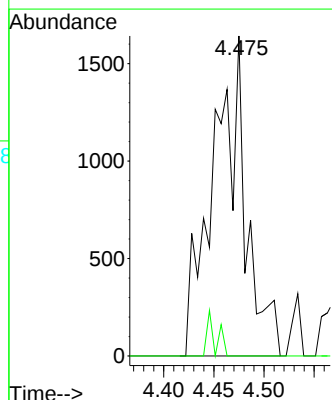
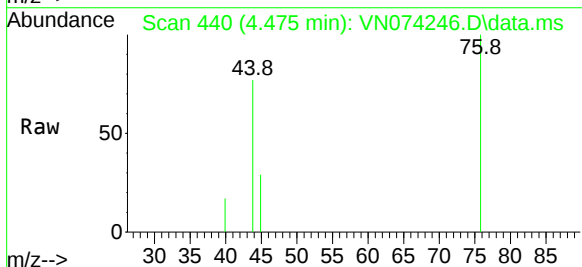
Instrument :
MSVOA_N
ClientSampleId :

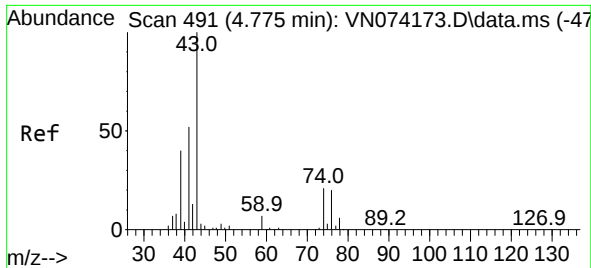
Tgt Ion: 43 Resp: 24507
Ion Ratio Lower Upper
43 100
58 15.8 26.0 39.0#



#17
Carbon Disulfide
Concen: 0.475 ug/l
RT: 4.475 min Scan# 440
Delta R.T. 0.024 min
Lab File: VN074246.D
Acq: 01 Sep 2022 16:43

Tgt Ion: 76 Resp: 3747
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#

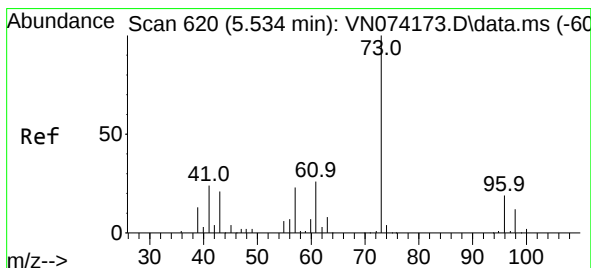
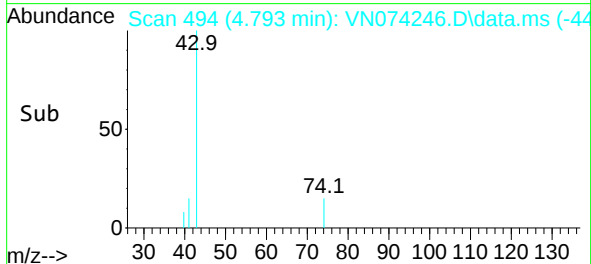
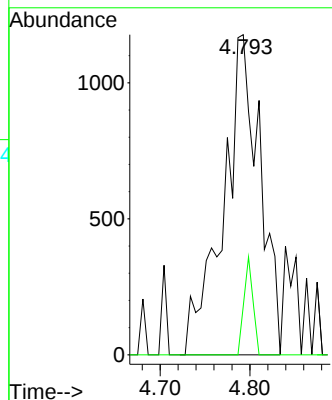
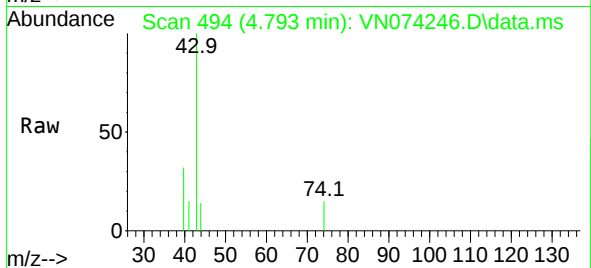




#18
Methyl Acetate
Concen: Below Cal
RT: 4.793 min Scan# 491
Delta R.T. 0.018 min
Lab File: VN074246.D
Acq: 01 Sep 2022 16:43

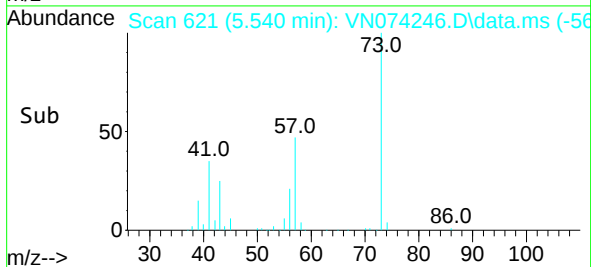
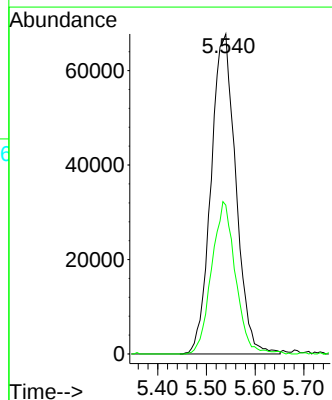
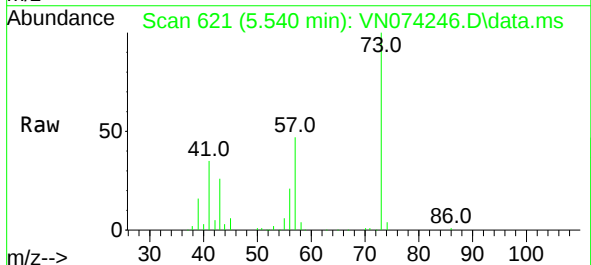
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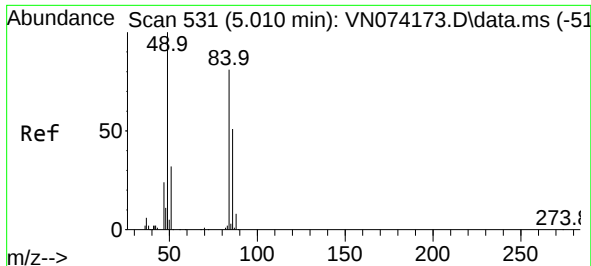
Tgt Ion: 43 Resp: 3338
Ion Ratio Lower Upper
43 100
74 7.5 21.6 32.4#



#19
Methyl tert-butyl Ether
Concen: 23.364 ug/l
RT: 5.540 min Scan# 621
Delta R.T. 0.006 min
Lab File: VN074246.D
Acq: 01 Sep 2022 16:43

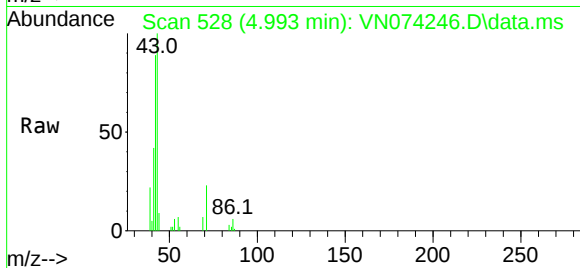
Tgt Ion: 73 Resp: 239403
Ion Ratio Lower Upper
73 100
57 46.5 17.6 26.4#



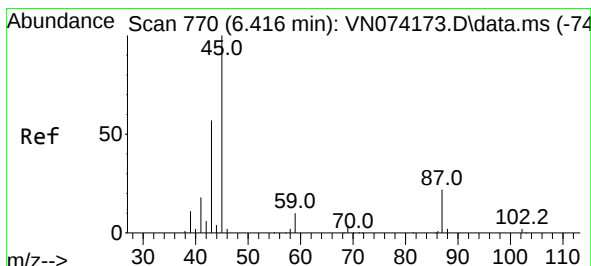
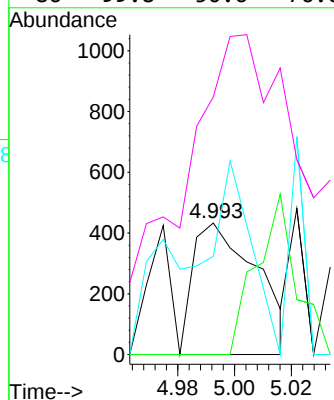
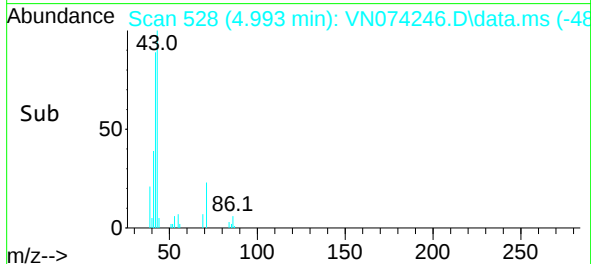


#20
Methylene Chloride
Concen: Below Cal
RT: 4.993 min Scan# 51
Delta R.T. -0.017 min
Lab File: VN074246.D
Acq: 01 Sep 2022 16:43

Instrument :
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ClientSampleId :

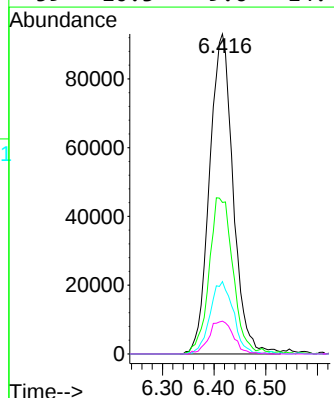
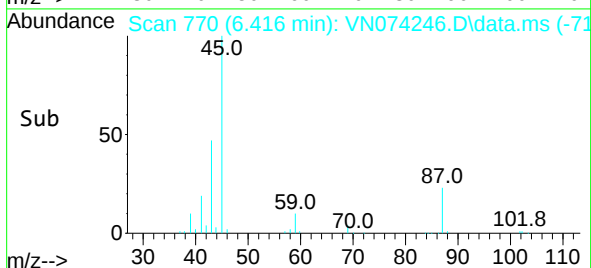
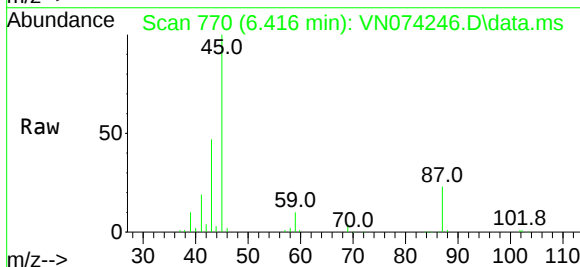


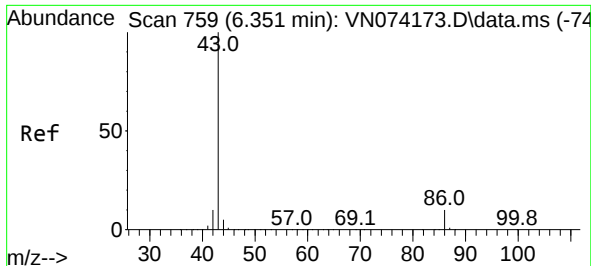
Tgt Ion:	84	Resp:	673
Ion	Ratio	Lower	Upper
84	100		
49	0.0	88.3	132.5#
51	74.6	28.2	42.2#
86	99.8	50.6	76.0#



#22
Diisopropyl ether
Concen: 23.391 ug/l
RT: 6.416 min Scan# 770
Delta R.T. 0.000 min
Lab File: VN074246.D
Acq: 01 Sep 2022 16:43

Tgt Ion:	45	Resp:	294398
Ion	Ratio	Lower	Upper
45	100		
43	47.3	46.6	70.0
87	22.6	24.3	36.5#
59	10.3	9.6	14.4

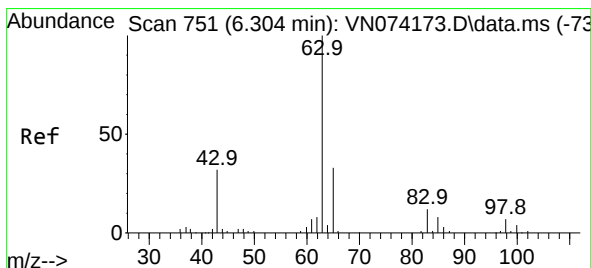
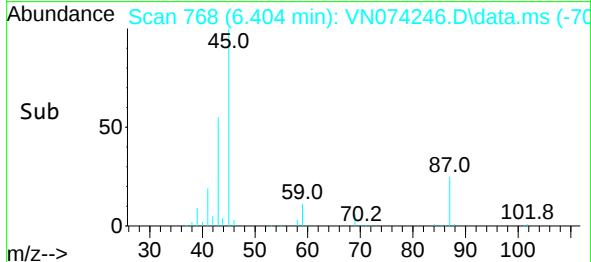
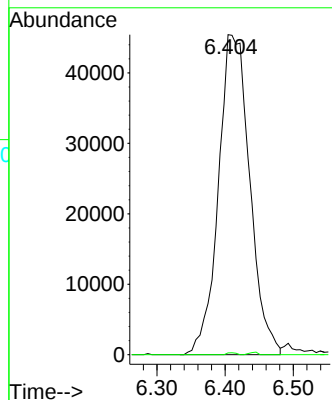
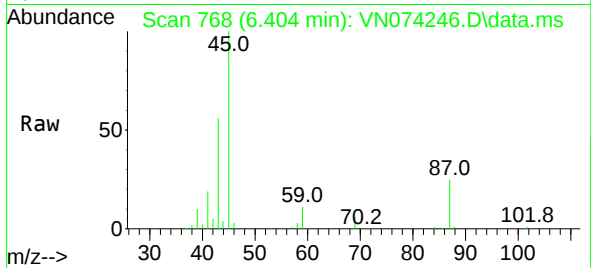




#23
 Vinyl Acetate
 Concen: 13.669 ug/l
 RT: 6.404 min Scan# 71
 Delta R.T. 0.053 min
 Lab File: VN074246.D
 Acq: 01 Sep 2022 16:43

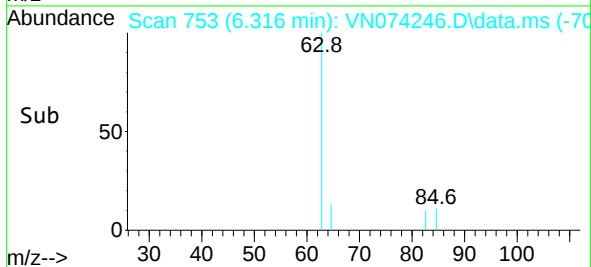
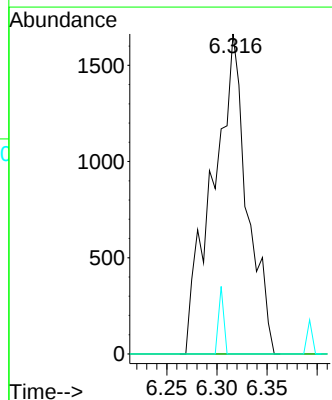
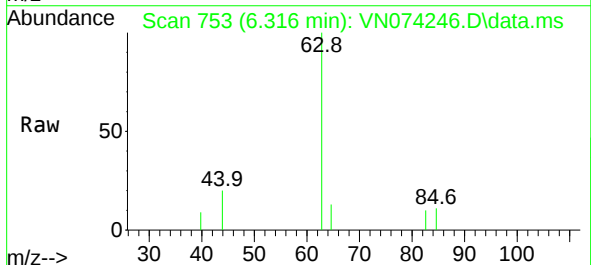
Instrument :
 MSVOA_N
 ClientSampleId :

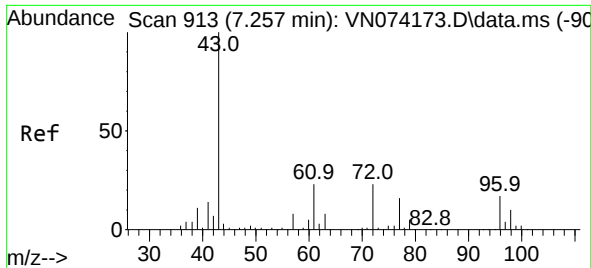
Tgt Ion: 43 Resp: 145248
 Ion Ratio Lower Upper
 43 100
 86 0.5 10.0 15.0#



#24
 1,1-Dichloroethane
 Concen: 0.640 ug/l
 RT: 6.316 min Scan# 753
 Delta R.T. 0.012 min
 Lab File: VN074246.D
 Acq: 01 Sep 2022 16:43

Tgt Ion: 63 Resp: 3974
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.5 10.4#
 100 0.0 2.3 6.8#

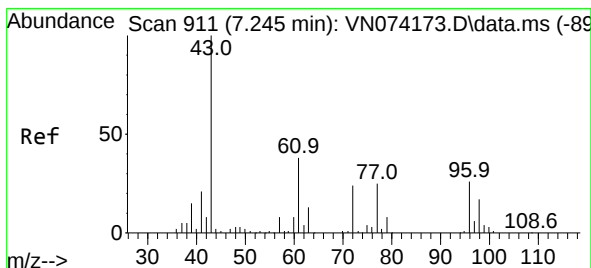
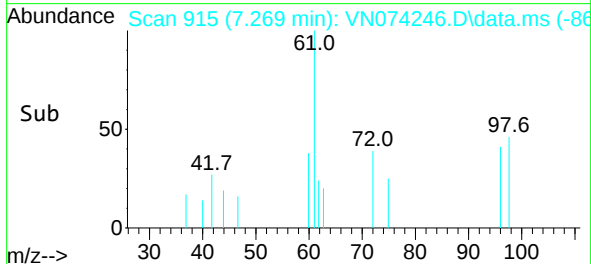
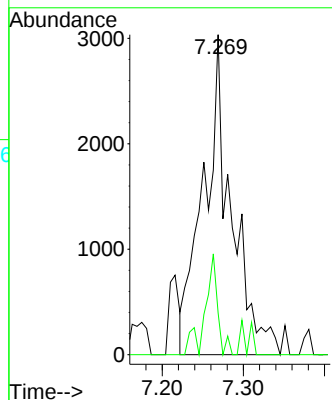
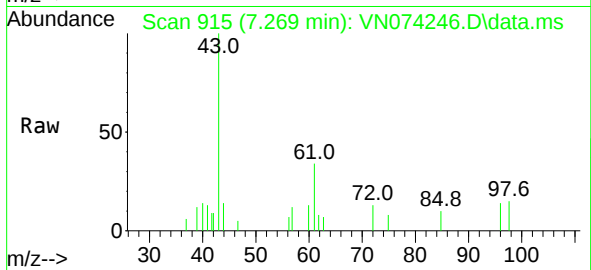




#25
2-Butanone
Concen: 1.838 ug/l
RT: 7.269 min Scan# 91
Delta R.T. 0.012 min
Lab File: VN074246.D
Acq: 01 Sep 2022 16:43

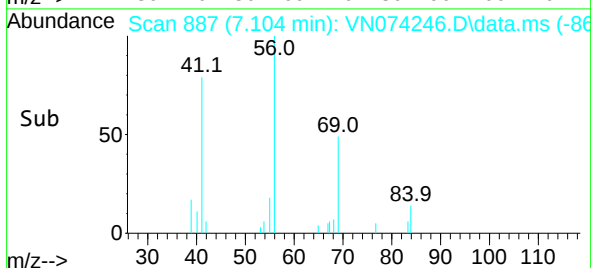
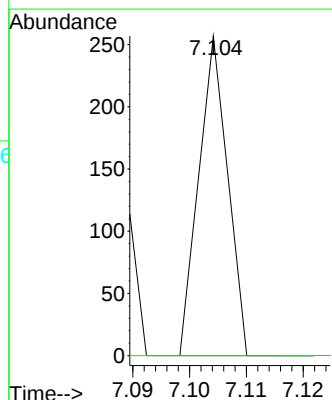
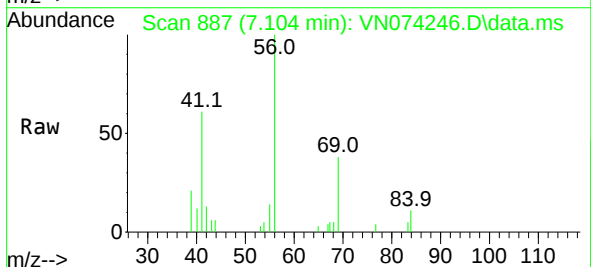
Instrument :
MSVOA_N
ClientSampleId :

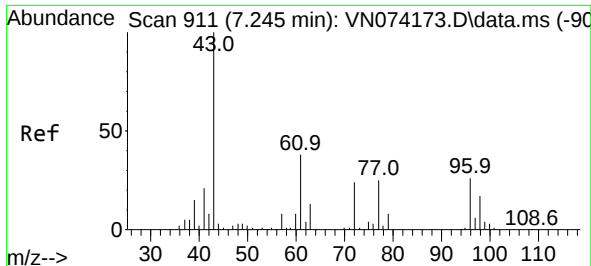
Tgt Ion: 43 Resp: 7202
Ion Ratio Lower Upper
43 100
72 13.0 23.7 35.5#



#26
2,2-Dichloropropane
Concen: 0.290 ug/l
RT: 7.104 min Scan# 887
Delta R.T. -0.141 min
Lab File: VN074246.D
Acq: 01 Sep 2022 16:43

Tgt Ion: 77 Resp: 91
Ion Ratio Lower Upper
77 100
97 0.0 11.4 34.2#





#27

cis-1,2-Dichloroethene

Concen: 0.867 ug/l

RT: 7.251 min Scan# 911

Delta R.T. 0.006 min

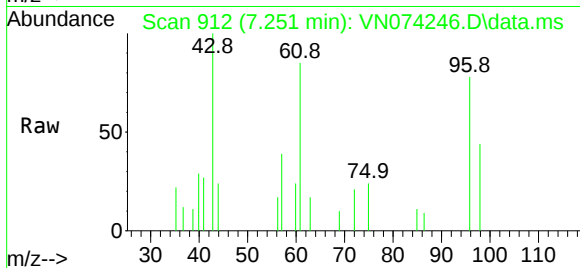
Lab File: VN074246.D

Acq: 01 Sep 2022 16:43

Instrument :

MSVOA_N

ClientSampleId :



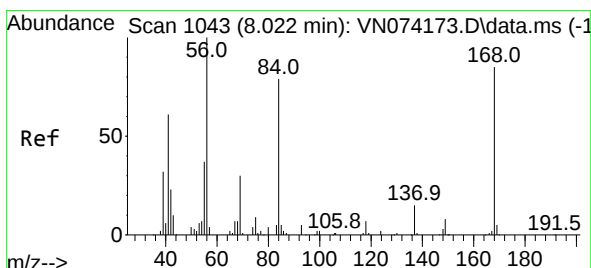
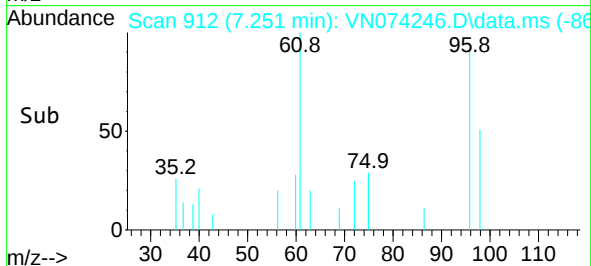
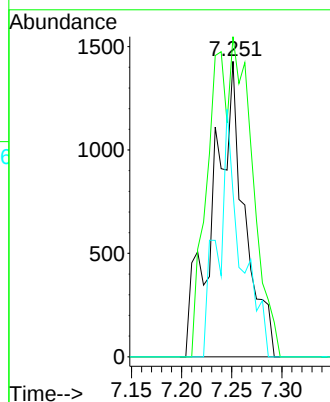
Tgt Ion: 96 Resp: 3097

Ion Ratio Lower Upper

96 100

61 70.9 0.0 280.6

98 60.5 0.0 128.4



#31

Cyclohexane

Concen: 9.371 ug/l

RT: 8.022 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VN074246.D

Acq: 01 Sep 2022 16:43

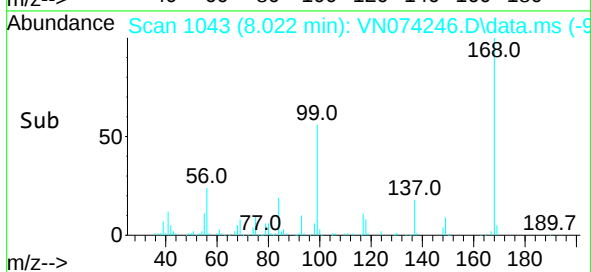
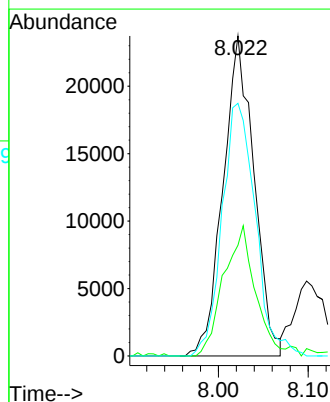
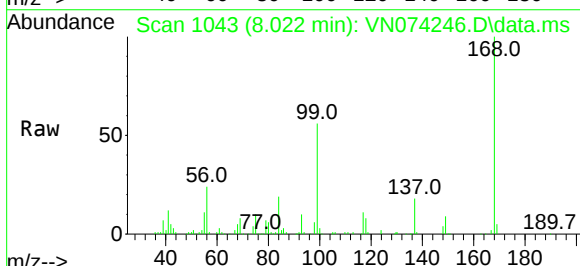
Tgt Ion: 56 Resp: 56750

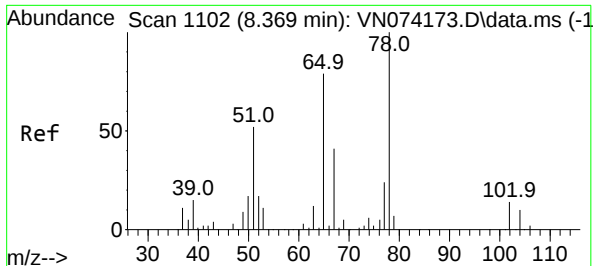
Ion Ratio Lower Upper

56 100

69 34.6 27.8 41.8

84 79.0 76.9 115.3

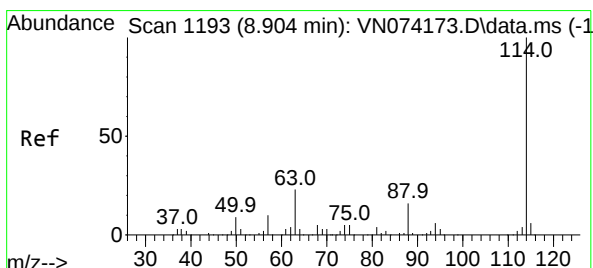
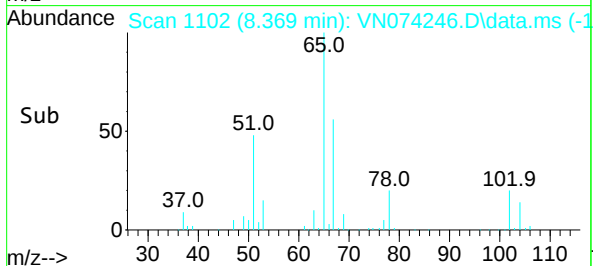
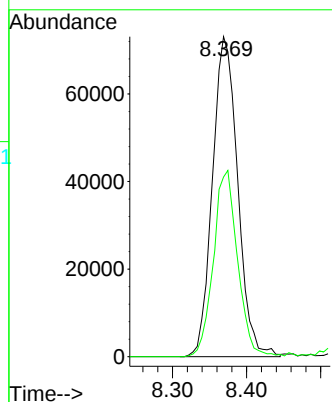
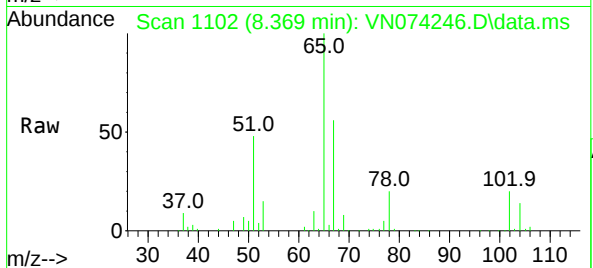




#33
1,2-Dichloroethane-d4
Concen: 47.166 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VN074246.D
Acq: 01 Sep 2022 16:43

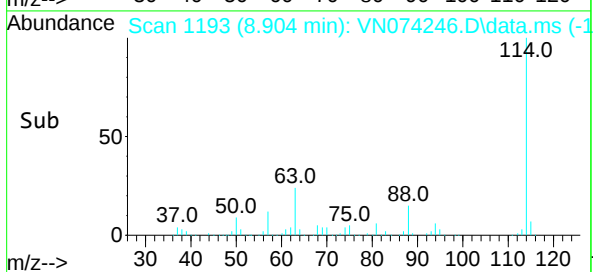
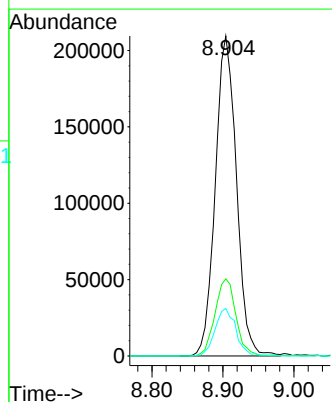
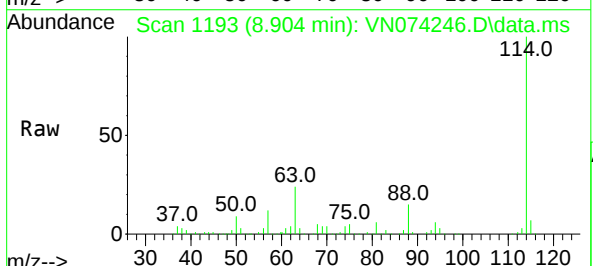
Instrument :
MSVOA_N
ClientSampleId :

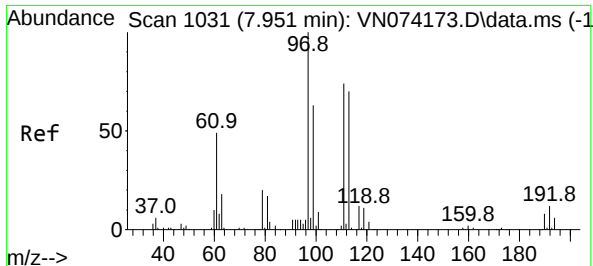
Tgt Ion: 65 Resp: 172872
Ion Ratio Lower Upper
65 100
67 55.7 0.0 104.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.904 min Scan# 1193
Delta R.T. 0.000 min
Lab File: VN074246.D
Acq: 01 Sep 2022 16:43

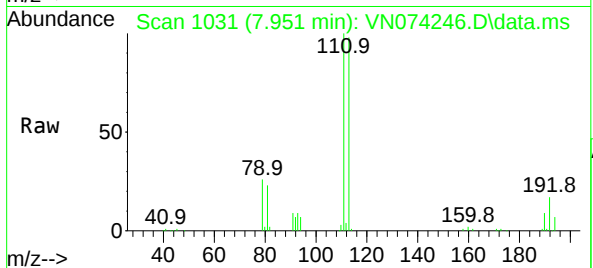
Tgt Ion: 114 Resp: 431673
Ion Ratio Lower Upper
114 100
63 24.1 0.0 40.0
88 14.9 0.0 32.6



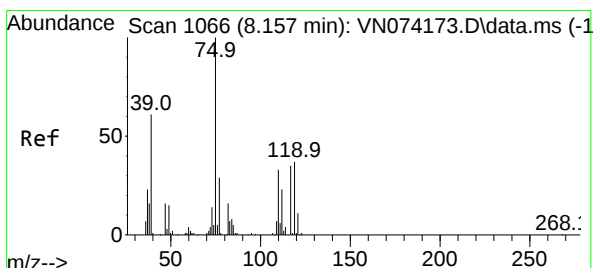
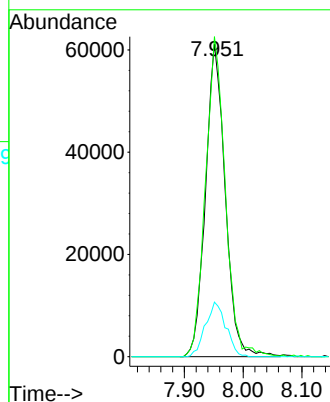
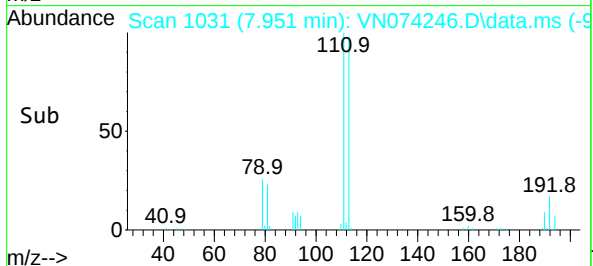


#35
Dibromofluoromethane
Concen: 50.646 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VN074246.D
Acq: 01 Sep 2022 16:43

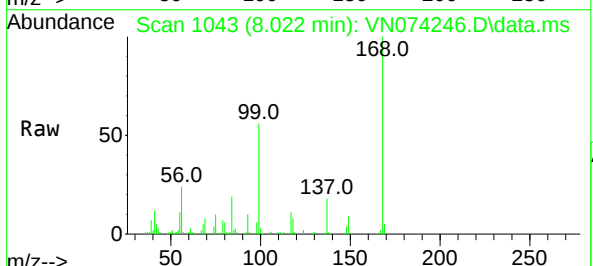
Instrument :
MSVOA_N
ClientSampleId :



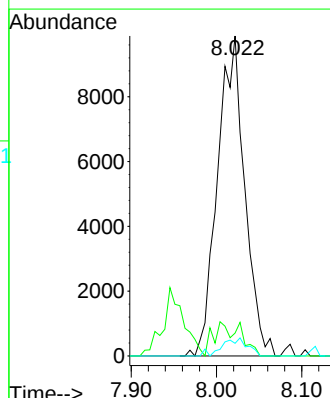
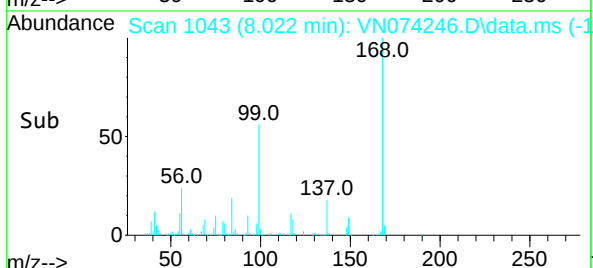
Tgt Ion:113 Resp: 142264
Ion Ratio Lower Upper
113 100
111 103.0 81.4 122.0
192 18.2 17.0 25.6

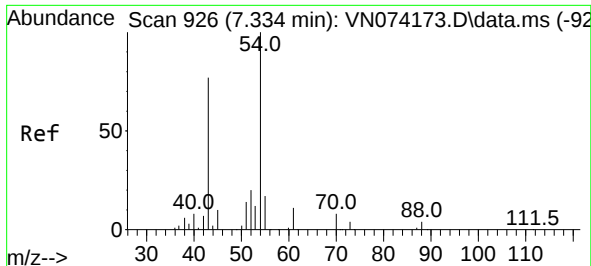


#36
1,1-Dichloropropene
Concen: 4.799 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. -0.135 min
Lab File: VN074246.D
Acq: 01 Sep 2022 16:43



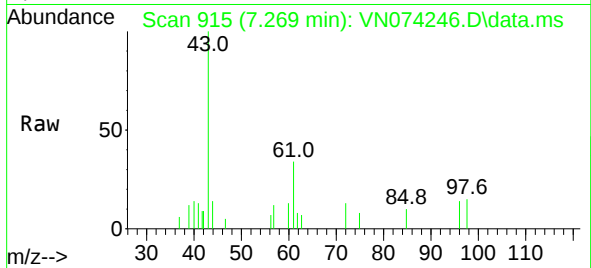
Tgt Ion: 75 Resp: 21872
Ion Ratio Lower Upper
75 100
110 0.0 18.3 54.8#
77 4.9 25.1 37.7#



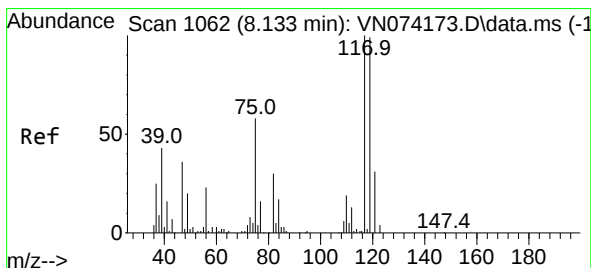
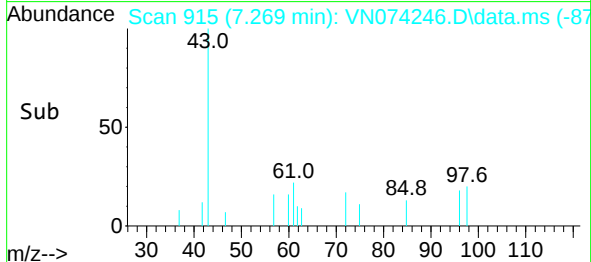
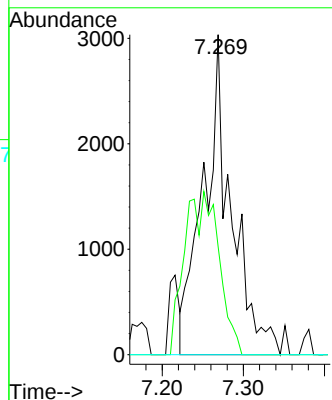


#37
Ethyl Acetate
Concen: 0.945 ug/l
RT: 7.269 min Scan# 91
Delta R.T. -0.065 min
Lab File: VN074246.D
Acq: 01 Sep 2022 16:43

Instrument :
MSVOA_N
ClientSampleId :

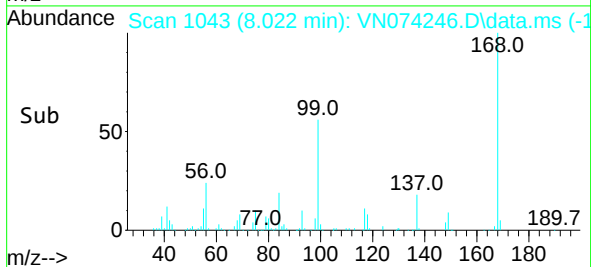
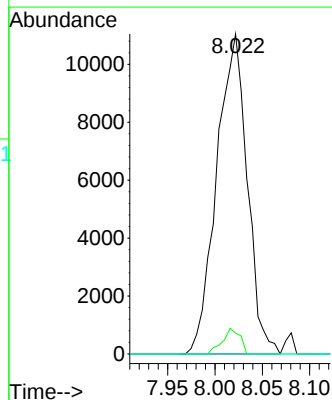
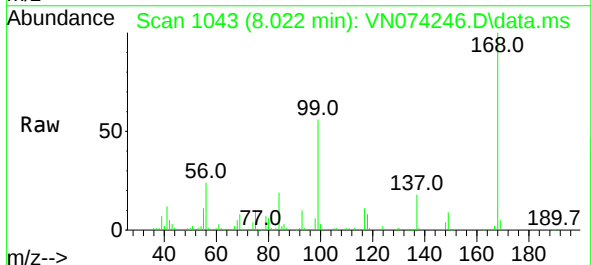


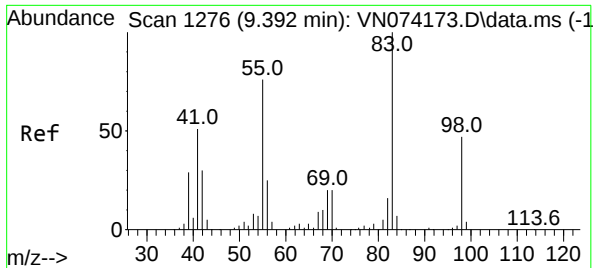
Tgt Ion: 43 Resp: 7202
Ion Ratio Lower Upper
43 100
61 0.0 11.8 17.6#
70 0.0 9.3 13.9#



#38
Carbon Tetrachloride
Concen: 5.985 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. -0.111 min
Lab File: VN074246.D
Acq: 01 Sep 2022 16:43

Tgt Ion: 117 Resp: 24770
Ion Ratio Lower Upper
117 100
119 6.5 75.8 113.8#
121 0.0 24.6 37.0#





#39

Methylcyclohexane

Concen: 3.581 ug/l

RT: 9.386 min Scan# 1105

Delta R.T. -0.006 min

Lab File: VN074246.D

Acq: 01 Sep 2022 16:43

Instrument :

MSVOA_N

ClientSampleId :

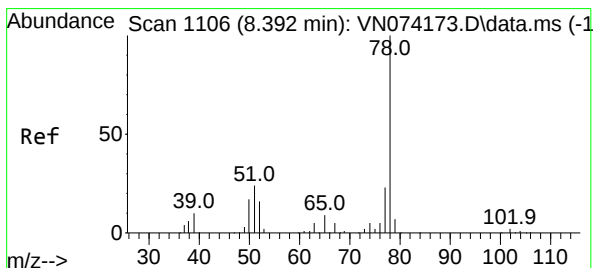
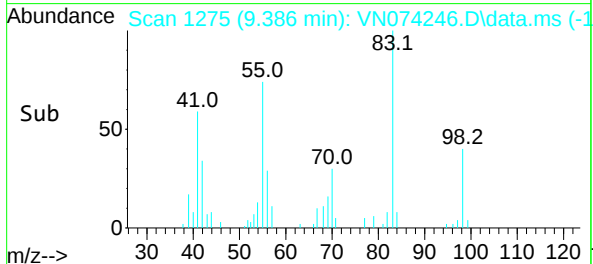
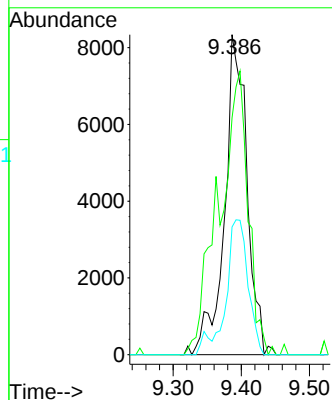
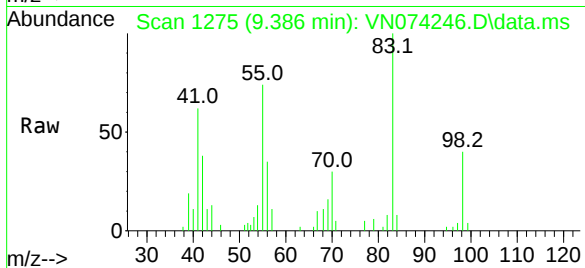
Tgt Ion: 83 Resp: 19157

Ion Ratio Lower Upper

83 100

55 74.0 57.8 86.8

98 39.9 39.4 59.2



#40

Benzene

Concen: 7.374 ug/l

RT: 8.386 min Scan# 1105

Delta R.T. -0.006 min

Lab File: VN074246.D

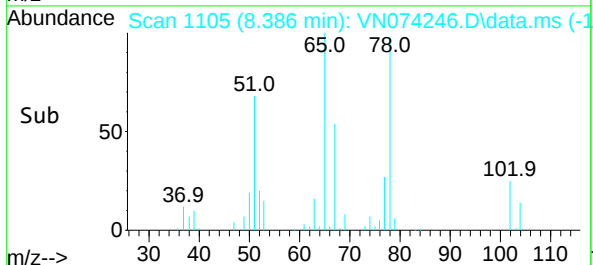
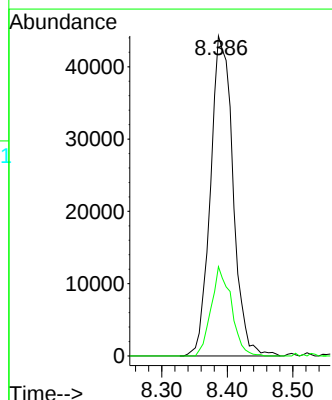
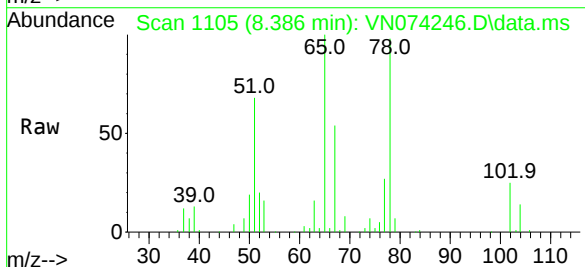
Acq: 01 Sep 2022 16:43

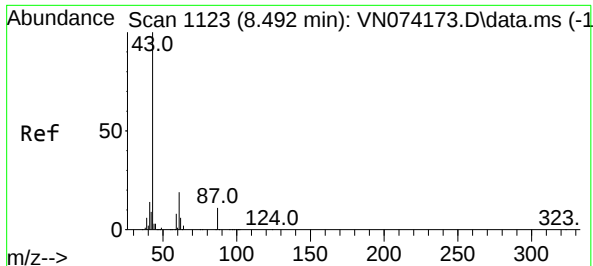
Tgt Ion: 78 Resp: 105521

Ion Ratio Lower Upper

78 100

77 27.9 19.4 29.0





#43

Isopropyl Acetate

Concen: 1.403 ug/l

RT: 8.463 min Scan# 1118

Delta R.T. -0.029 min

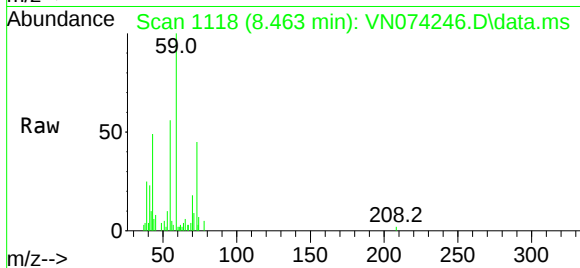
Lab File: VN074246.D

Acq: 01 Sep 2022 16:43

Instrument :

MSVOA_N

ClientSampleId :



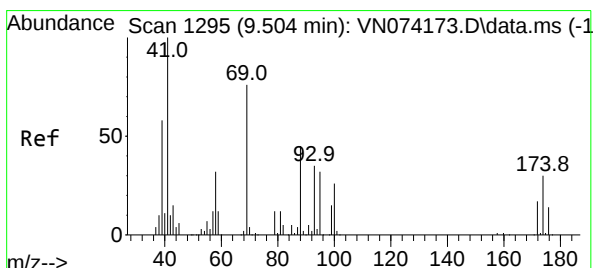
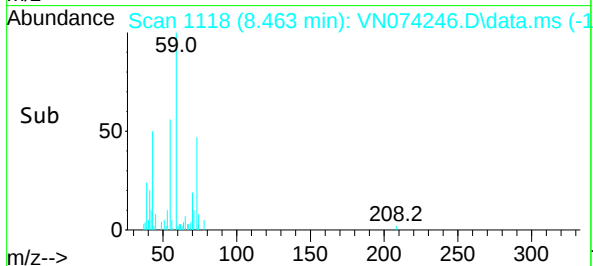
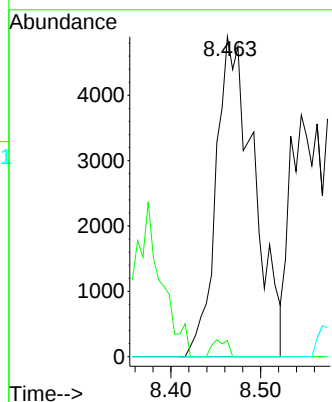
Tgt Ion: 43 Resp: 14371

Ion Ratio Lower Upper

43 100

61 2.1 21.9 32.9#

87 0.0 12.0 18.0#



#49

1,4-Dioxane

Concen: 0.552 ug/l

RT: 9.516 min Scan# 1297

Delta R.T. 0.012 min

Lab File: VN074246.D

Acq: 01 Sep 2022 16:43

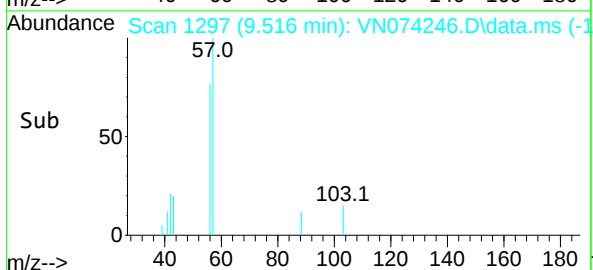
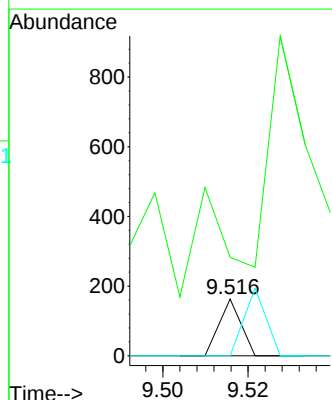
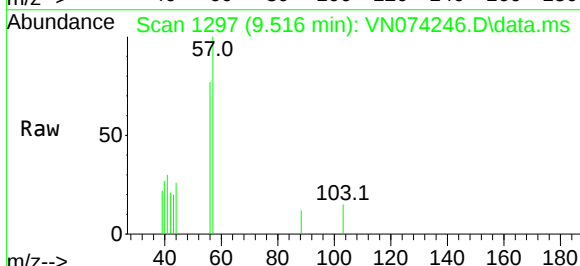
Tgt Ion: 88 Resp: 58

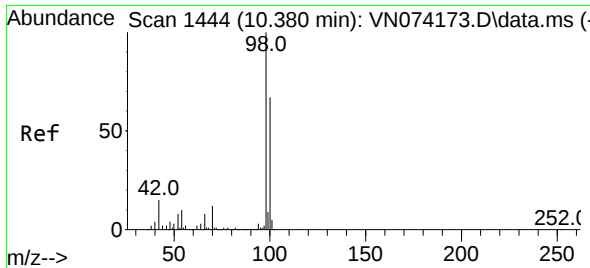
Ion Ratio Lower Upper

88 100

43 1886.2 20.2 30.4#

58 117.2 54.2 81.4#

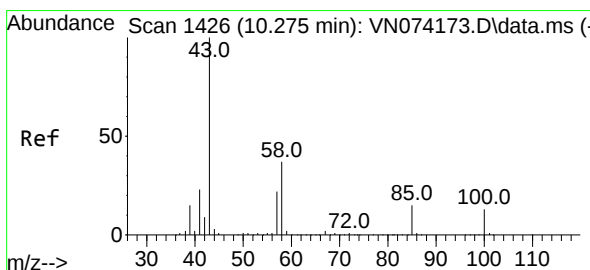
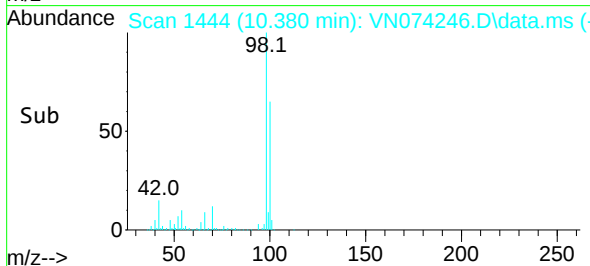
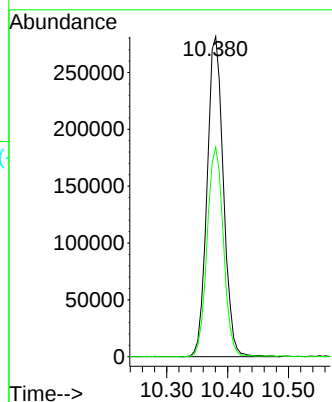
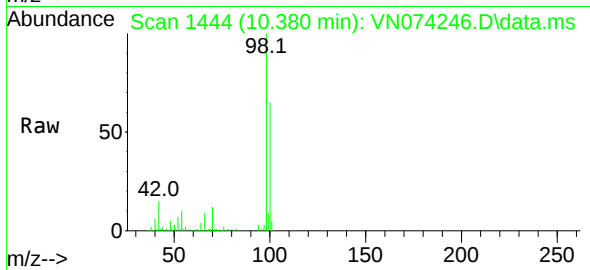




#50
Toluene-d8
Concen: 47.353 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074246.D
Acq: 01 Sep 2022 16:43

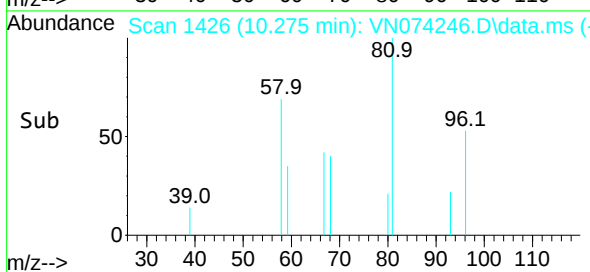
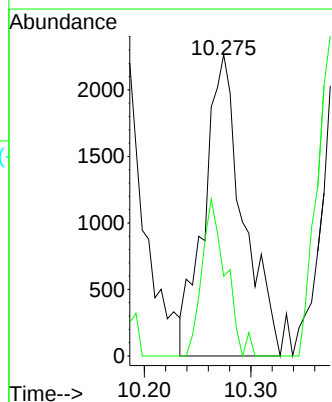
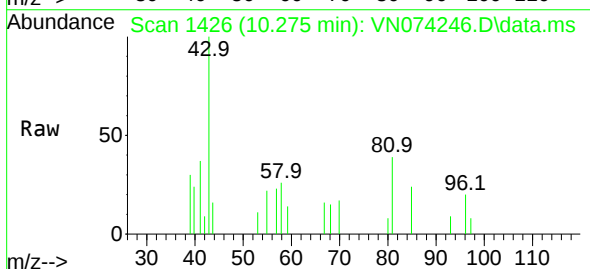
Instrument :
MSVOA_N
ClientSampleId :

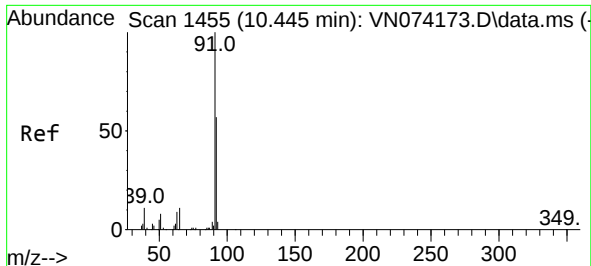
Tgt Ion: 98 Resp: 523825
Ion Ratio Lower Upper
98 100
100 65.4 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.765 ug/l
RT: 10.275 min Scan# 1426
Delta R.T. 0.000 min
Lab File: VN074246.D
Acq: 01 Sep 2022 16:43

Tgt Ion: 43 Resp: 5691
Ion Ratio Lower Upper
43 100
58 32.3 34.1 51.1#

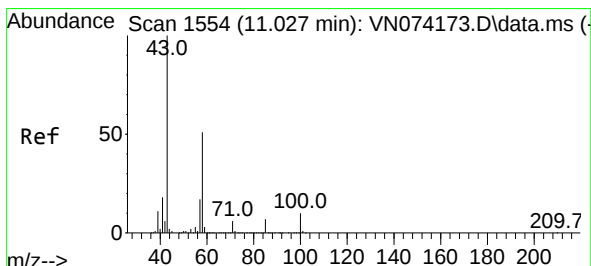
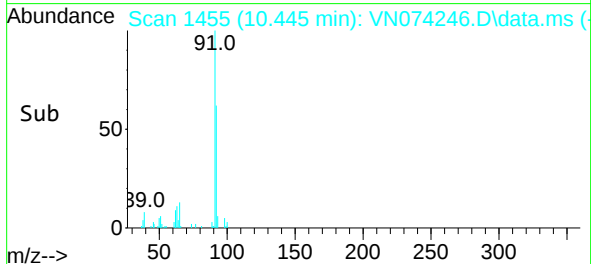
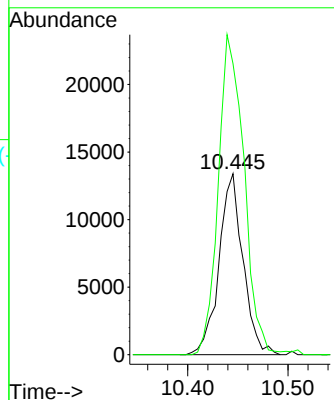
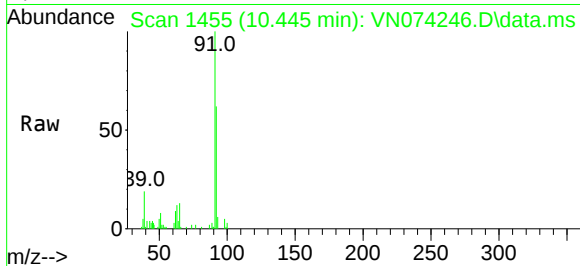




#52
Toluene
Concen: 2.639 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. 0.000 min
Lab File: VN074246.D
Acq: 01 Sep 2022 16:43

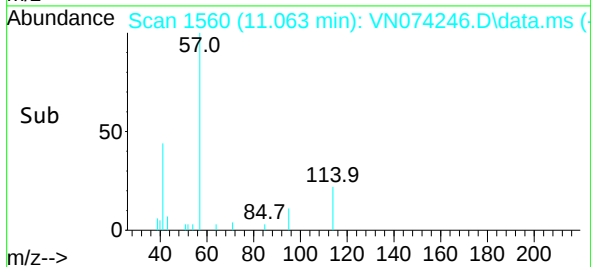
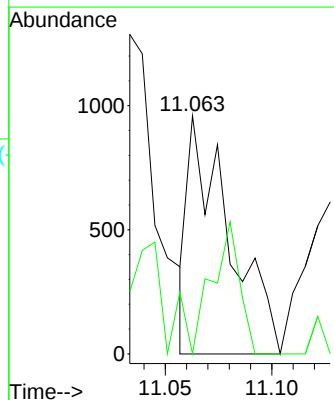
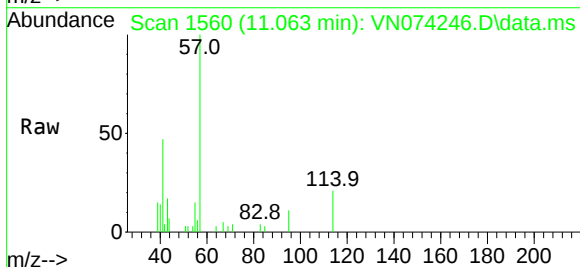
Instrument :
MSVOA_N
ClientSampleId :

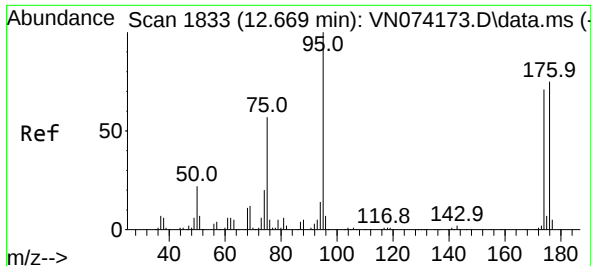
Tgt Ion: 92 Resp: 22261
Ion Ratio Lower Upper
92 100
91 189.4 138.6 207.8



#59
2-Hexanone
Concen: 0.227 ug/l
RT: 11.063 min Scan# 1560
Delta R.T. 0.035 min
Lab File: VN074246.D
Acq: 01 Sep 2022 16:43

Tgt Ion: 43 Resp: 1281
Ion Ratio Lower Upper
43 100
58 37.1 29.7 89.1





#62

4-Bromofluorobenzene

Concen: 59.752 ug/l

RT: 12.669 min Scan# 1833

Delta R.T. 0.000 min

Lab File: VN074246.D

Acq: 01 Sep 2022 16:43

Instrument :

MSVOA_N

ClientSampleId :

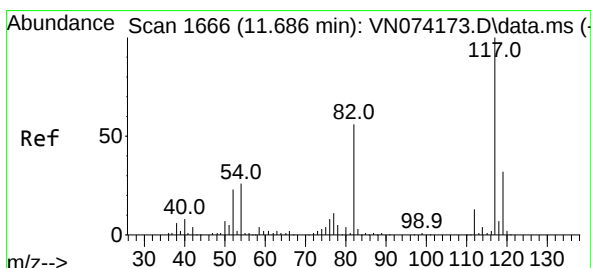
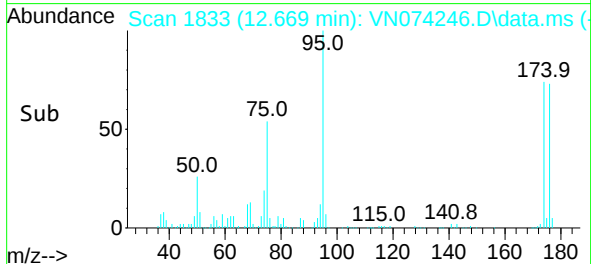
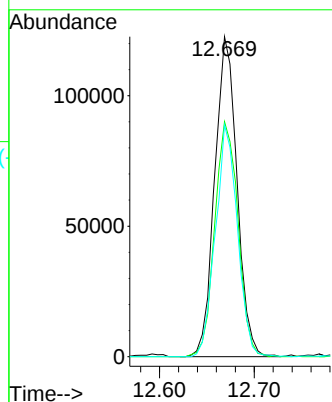
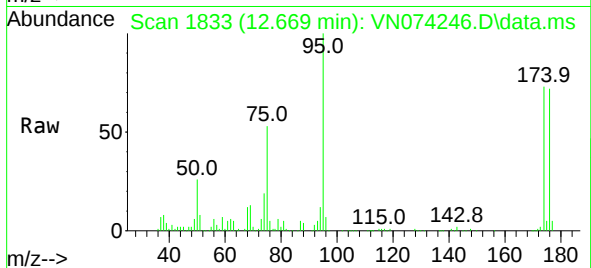
Tgt Ion: 95 Resp: 201008

Ion Ratio Lower Upper

95 100

174 76.6 0.0 167.6

176 71.5 0.0 163.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.686 min Scan# 1666

Delta R.T. 0.000 min

Lab File: VN074246.D

Acq: 01 Sep 2022 16:43

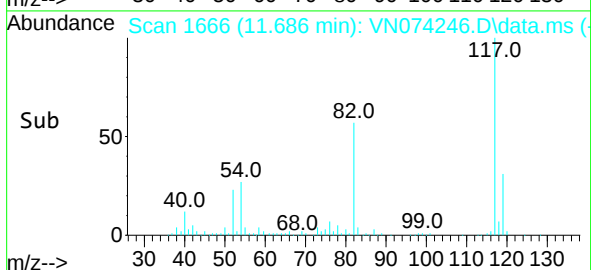
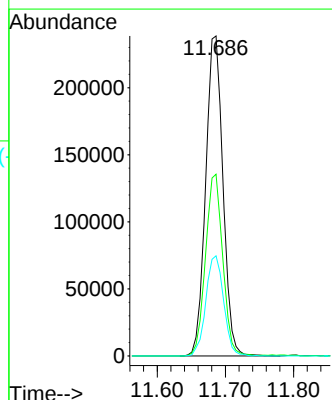
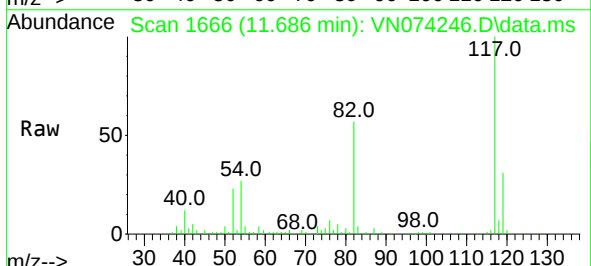
Tgt Ion: 117 Resp: 420819

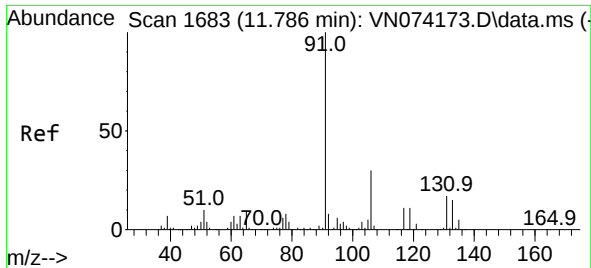
Ion Ratio Lower Upper

117 100

82 56.8 44.2 66.2

119 31.3 25.4 38.0

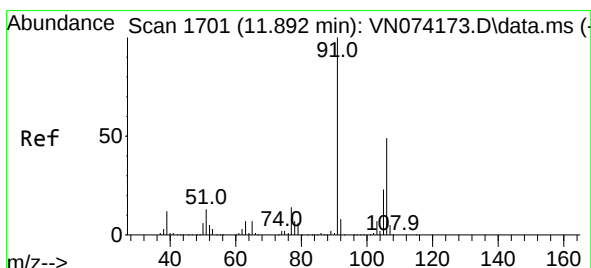
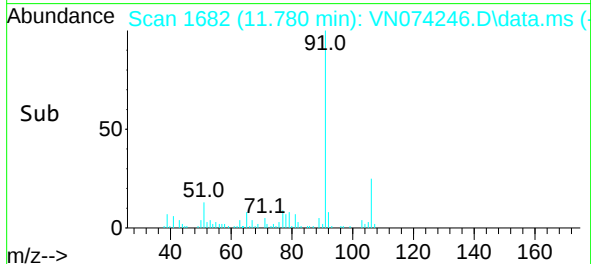
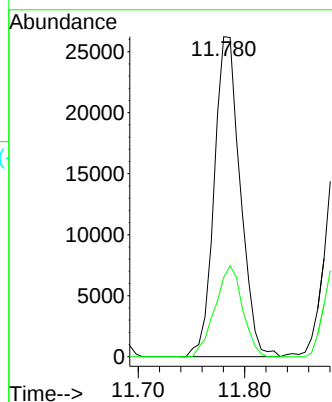
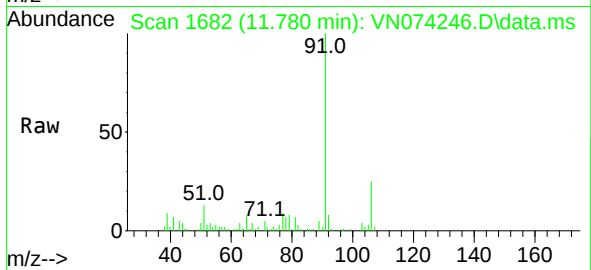




#67
Ethyl Benzene
Concen: 2.612 ug/l
RT: 11.780 min Scan# 1170
Delta R.T. -0.006 min
Lab File: VN074246.D
Acq: 01 Sep 2022 16:43

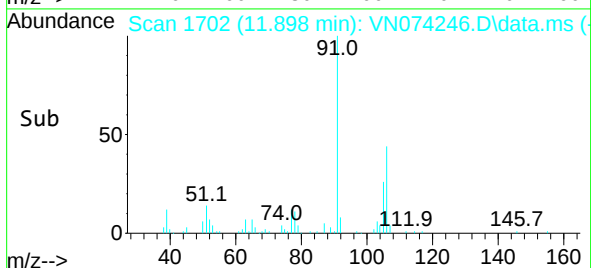
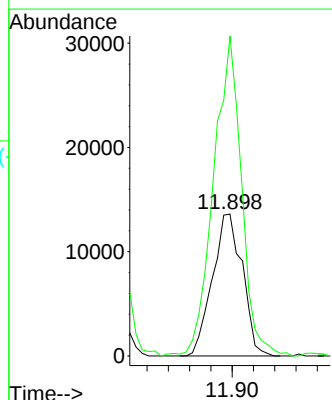
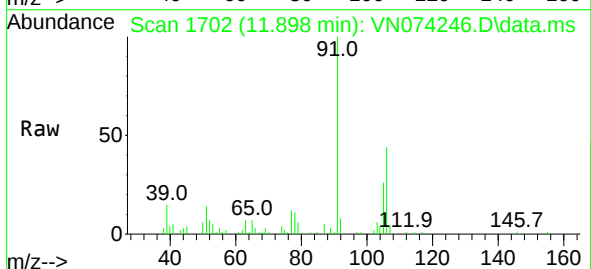
Instrument :
MSVOA_N
ClientSampleId :

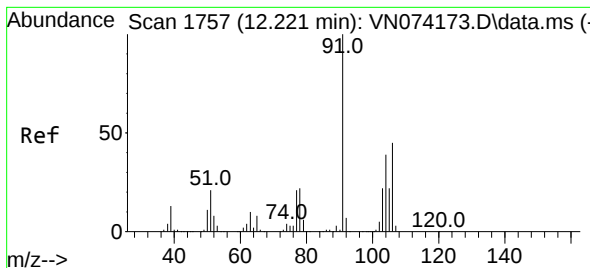
Tgt Ion: 91 Resp: 44384
Ion Ratio Lower Upper
91 100
106 24.8 24.9 37.3#



#68
m/p-Xylenes
Concen: 4.207 ug/l
RT: 11.898 min Scan# 1702
Delta R.T. 0.006 min
Lab File: VN074246.D
Acq: 01 Sep 2022 16:43

Tgt Ion: 106 Resp: 26556
Ion Ratio Lower Upper
106 100
91 210.4 158.9 238.3





#69

o-Xylene

Concen: 0.526 ug/l

RT: 12.221 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN074246.D

Acq: 01 Sep 2022 16:43

Instrument :

MSVOA_N

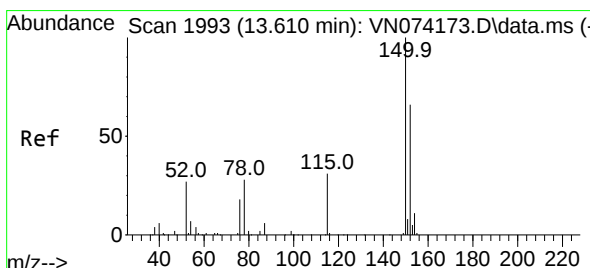
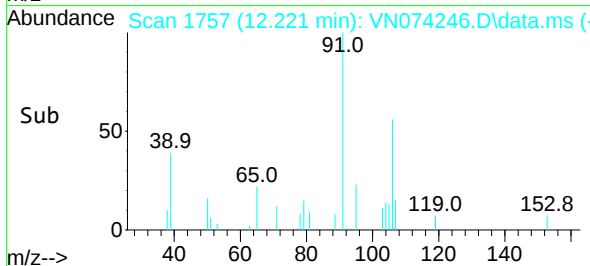
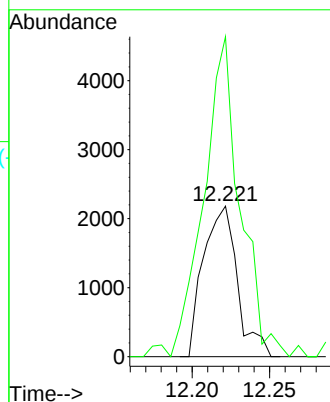
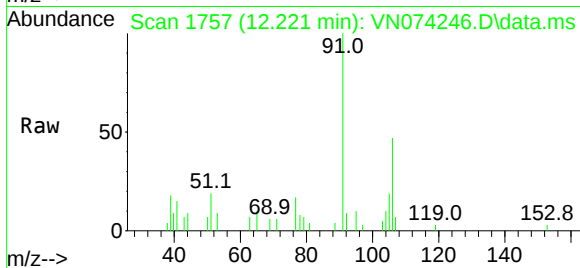
ClientSampleId :

Tgt Ion:106 Resp: 3311

Ion Ratio Lower Upper

106 100

91 231.6 106.0 318.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.616 min Scan# 1994

Delta R.T. 0.006 min

Lab File: VN074246.D

Acq: 01 Sep 2022 16:43

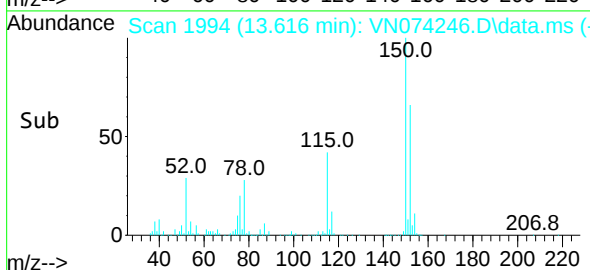
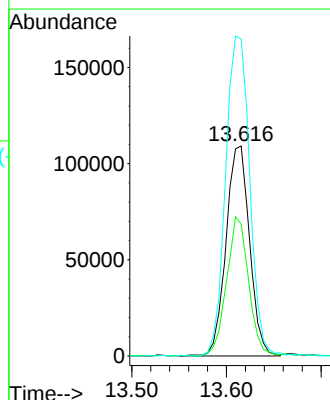
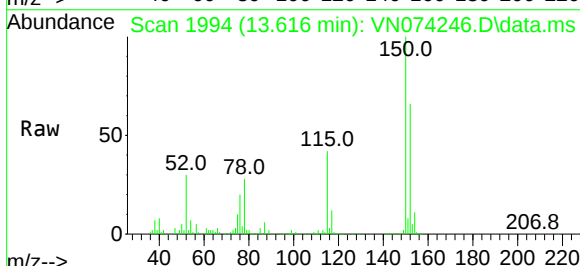
Tgt Ion:152 Resp: 188563

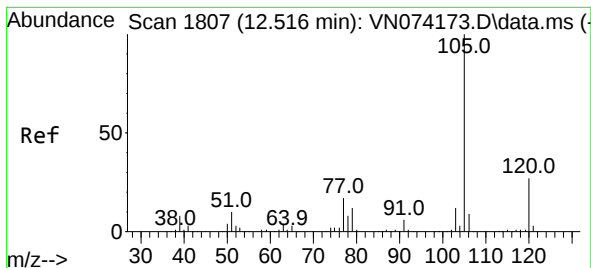
Ion Ratio Lower Upper

152 100

115 62.6 28.9 86.7

150 156.2 0.0 356.2





#73

Isopropylbenzene

Concen: 1.618 ug/l

RT: 12.521 min Scan# 1808

Delta R.T. 0.006 min

Lab File: VN074246.D

Acq: 01 Sep 2022 16:43

Instrument :

MSVOA_N

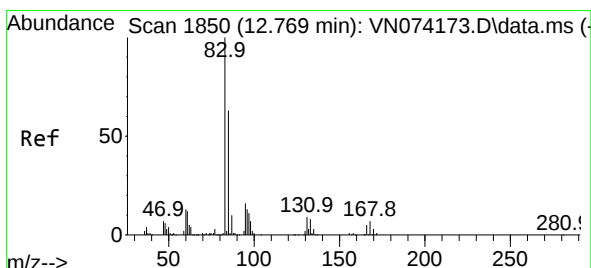
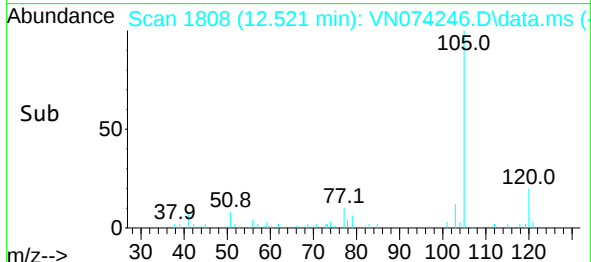
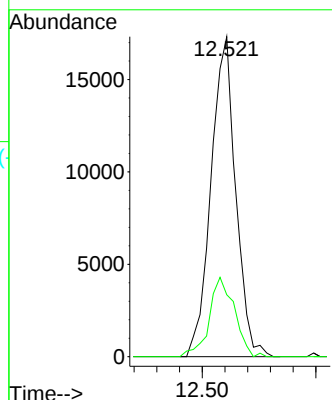
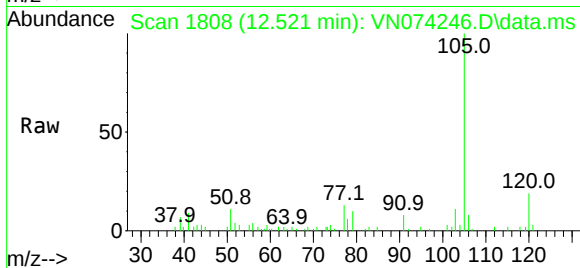
ClientSampleId :

Tgt Ion:105 Resp: 26130

Ion Ratio Lower Upper

105 100

120 25.3 13.5 40.4



#75

1,1,2,2-Tetrachloroethane

Concen: 0.347 ug/l

RT: 12.780 min Scan# 1852

Delta R.T. 0.012 min

Lab File: VN074246.D

Acq: 01 Sep 2022 16:43

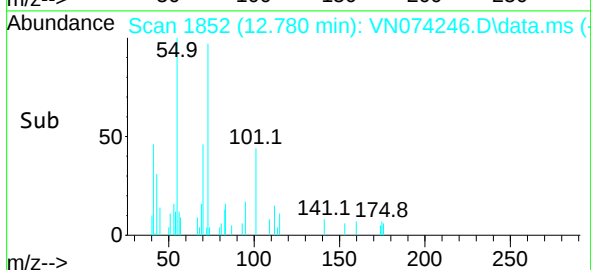
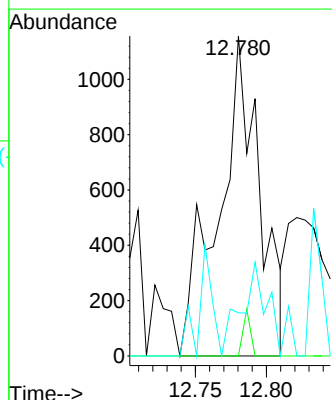
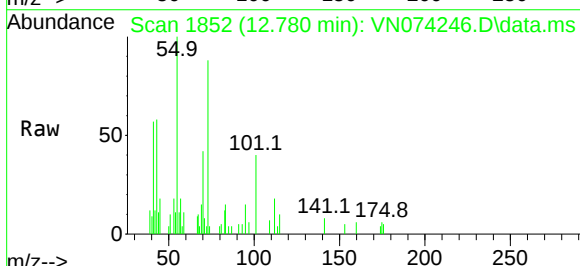
Tgt Ion: 83 Resp: 2326

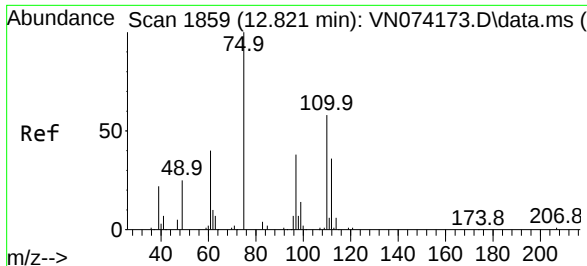
Ion Ratio Lower Upper

83 100

131 2.5 5.3 15.9#

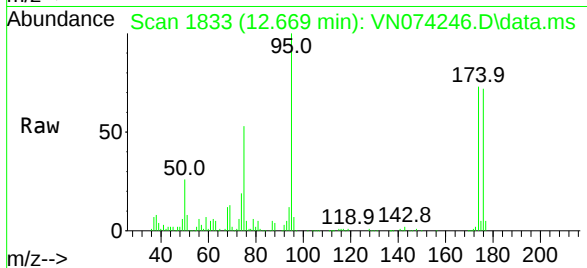
85 20.9 32.3 96.9#



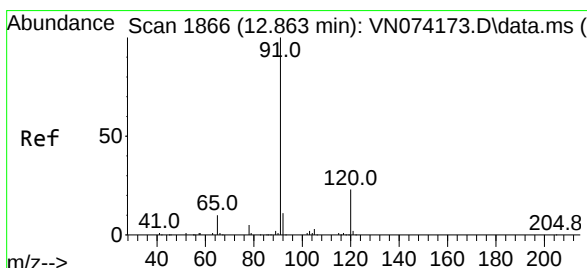
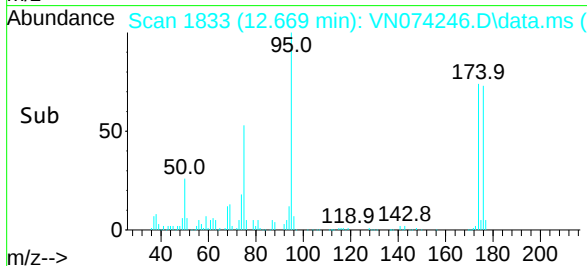
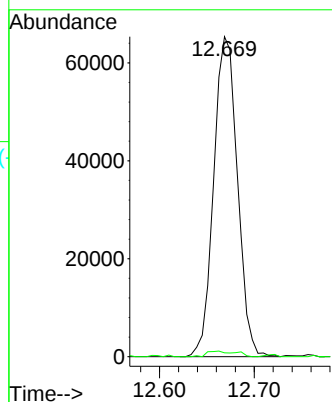


#76
1,2,3-Trichloropropane
Concen: 24.254 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.152 min
Lab File: VN074246.D
Acq: 01 Sep 2022 16:43

Instrument :
MSVOA_N
ClientSampleId :

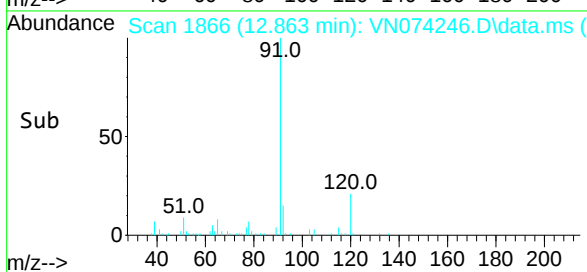
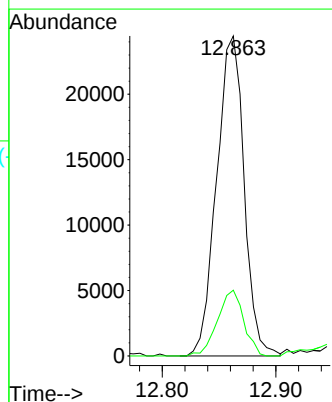
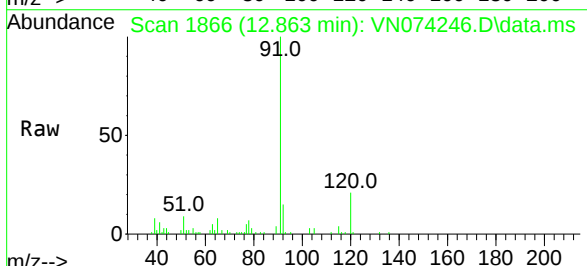


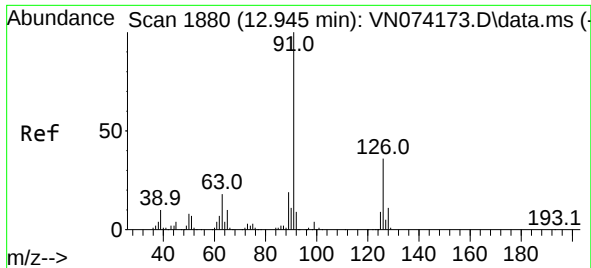
Tgt Ion: 75 Resp: 113937
Ion Ratio Lower Upper
75 100
77 2.1 98.5 295.5#



#78
n-propylbenzene
Concen: 2.234 ug/l
RT: 12.863 min Scan# 1866
Delta R.T. 0.000 min
Lab File: VN074246.D
Acq: 01 Sep 2022 16:43

Tgt Ion: 91 Resp: 41123
Ion Ratio Lower Upper
91 100
120 19.6 11.9 35.5

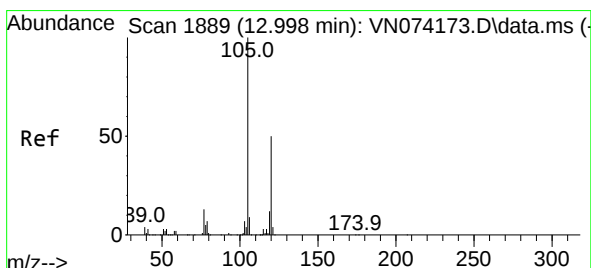
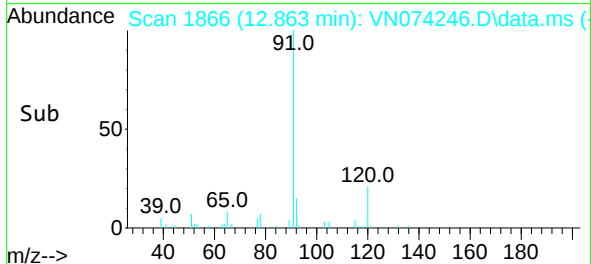
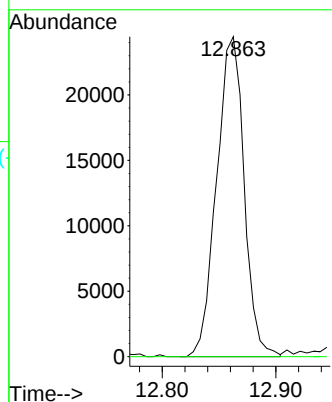
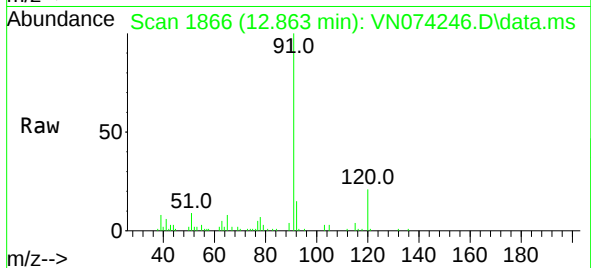




#79
2-Chlorotoluene
Concen: 3.647 ug/l
RT: 12.863 min Scan# 1866
Delta R.T. -0.082 min
Lab File: VN074246.D
Acq: 01 Sep 2022 16:43

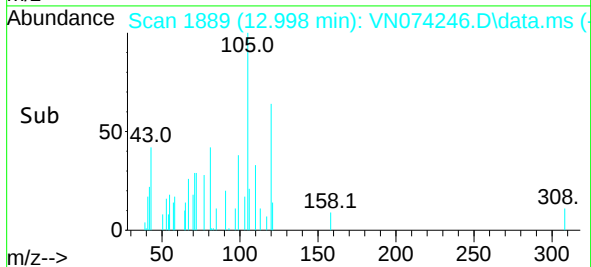
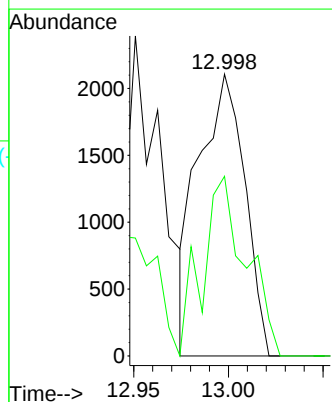
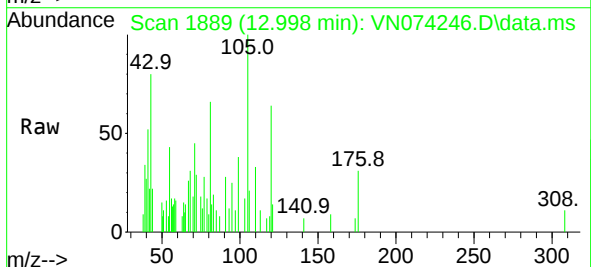
Instrument :
MSVOA_N
ClientSampleId :

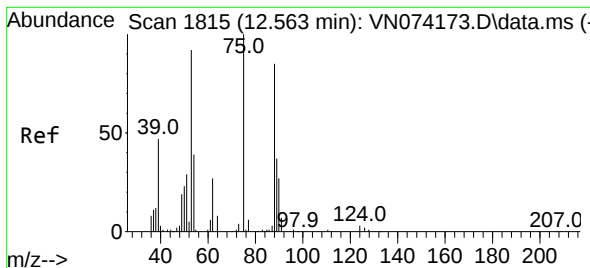
Tgt Ion: 91 Resp: 41123
Ion Ratio Lower Upper
91 100
126 0.0 17.3 51.9#



#80
1,3,5-Trimethylbenzene
Concen: 0.273 ug/l
RT: 12.998 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VN074246.D
Acq: 01 Sep 2022 16:43

Tgt Ion: 105 Resp: 3582
Ion Ratio Lower Upper
105 100
120 60.2 24.9 74.7

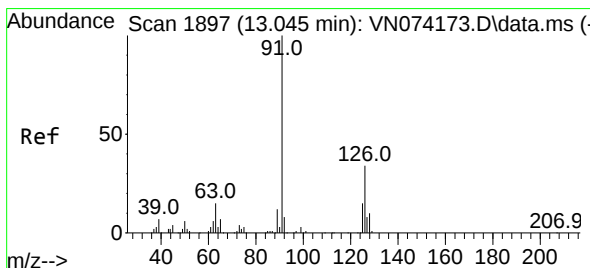
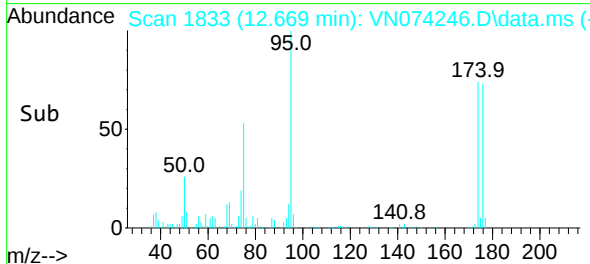
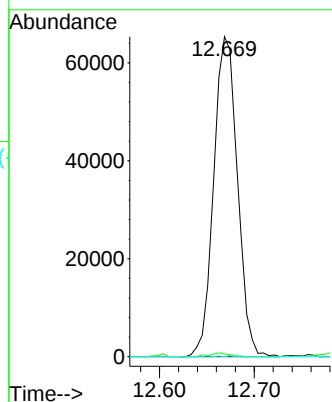
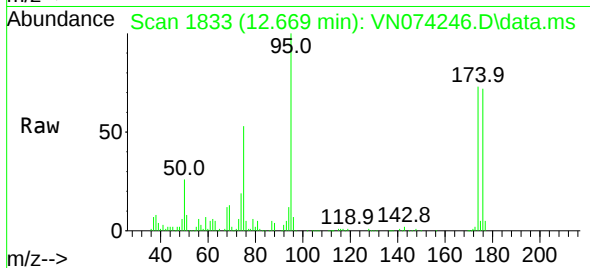




#81
trans-1,4-Dichloro-2-butene
Concen: 62.718 ug/l
RT: 12.669 min Scan# 11
Delta R.T. 0.106 min
Lab File: VN074246.D
Acq: 01 Sep 2022 16:43

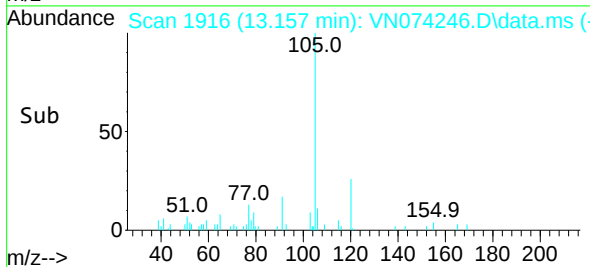
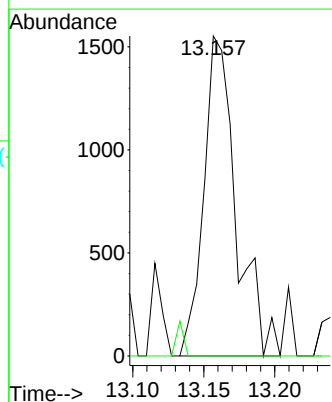
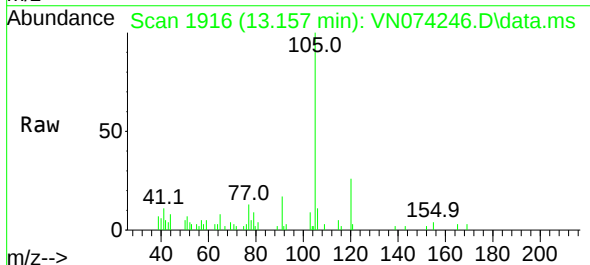
Instrument :
MSVOA_N
ClientSampleId :

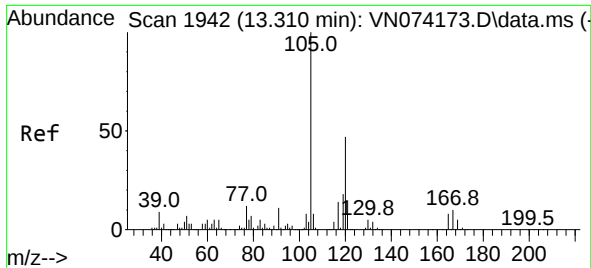
Tgt Ion: 75 Resp: 113937
Ion Ratio Lower Upper
75 100
53 0.9 78.0 117.0#
89 0.0 37.2 55.8#



#82
4-Chlorotoluene
Concen: 0.225 ug/l
RT: 13.157 min Scan# 1916
Delta R.T. 0.112 min
Lab File: VN074246.D
Acq: 01 Sep 2022 16:43

Tgt Ion: 91 Resp: 2459
Ion Ratio Lower Upper
91 100
126 0.0 17.2 51.6#

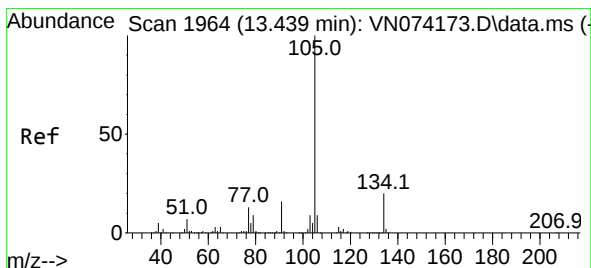
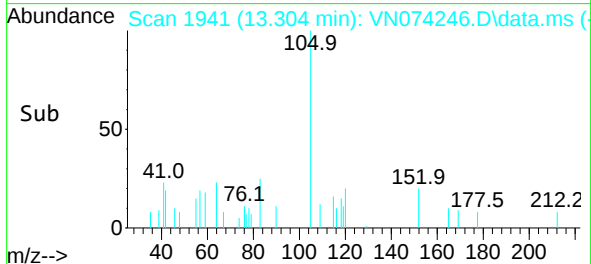
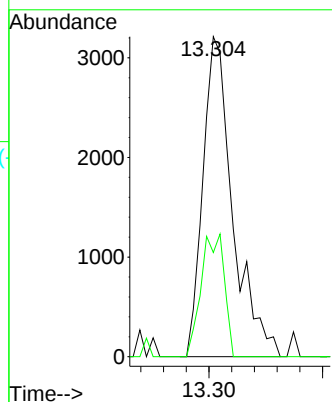
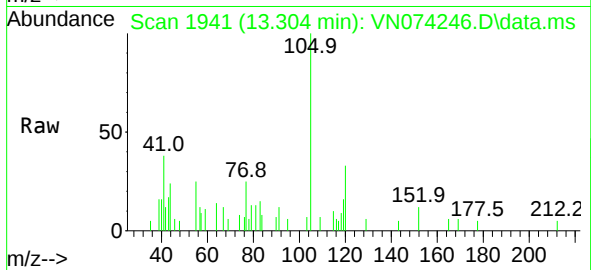




#84
1,2,4-Trimethylbenzene
Concen: 0.463 ug/l
RT: 13.304 min Scan# 1941
Delta R.T. -0.006 min
Lab File: VN074246.D
Acq: 01 Sep 2022 16:43

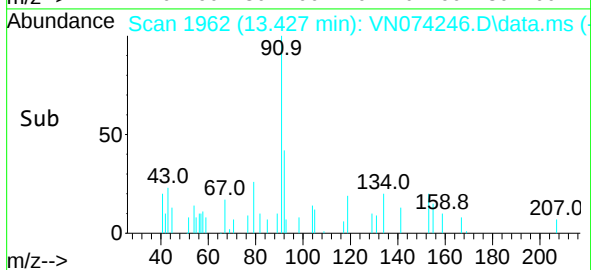
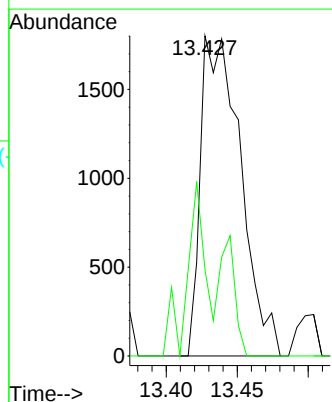
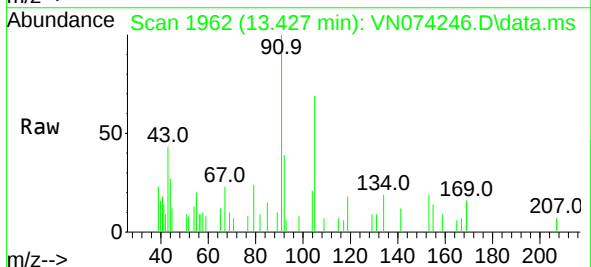
Instrument :
MSVOA_N
ClientSampleId :

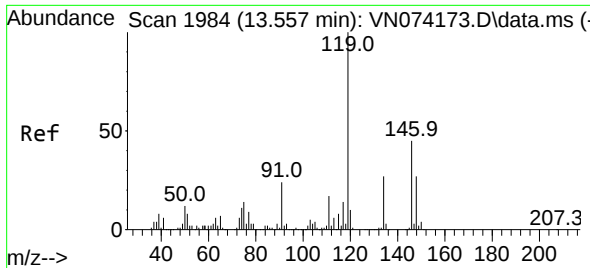
Tgt Ion:105 Resp: 5866
Ion Ratio Lower Upper
105 100
120 29.6 23.3 69.8



#85
sec-Butylbenzene
Concen: 0.223 ug/l
RT: 13.427 min Scan# 1962
Delta R.T. -0.012 min
Lab File: VN074246.D
Acq: 01 Sep 2022 16:43

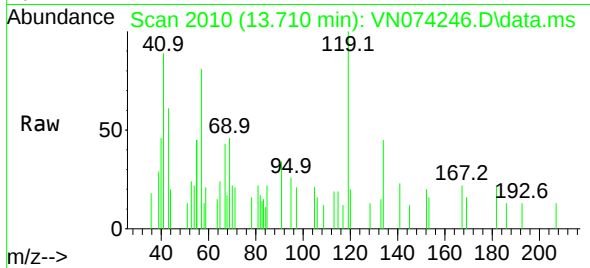
Tgt Ion:105 Resp: 3519
Ion Ratio Lower Upper
105 100
134 25.5 10.4 31.1



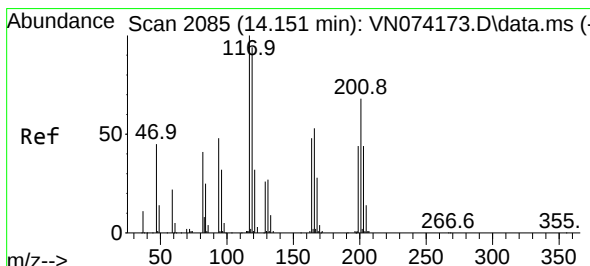
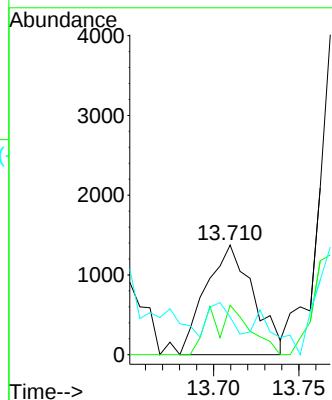
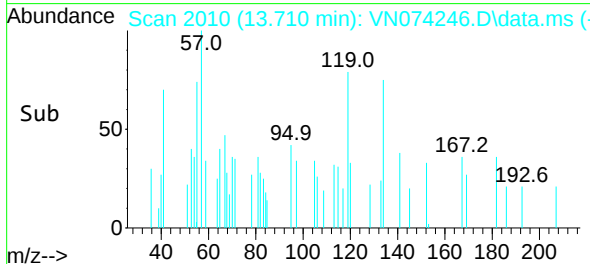


#86
 p-Isopropyltoluene
 Concen: 0.218 ug/l
 RT: 13.710 min Scan# 2010
 Delta R.T. 0.153 min
 Lab File: VN074246.D
 Acq: 01 Sep 2022 16:43

Instrument :
 MSVOA_N
 ClientSampleId :

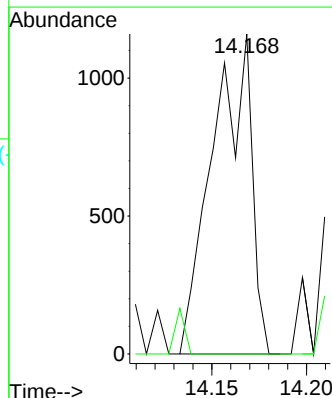
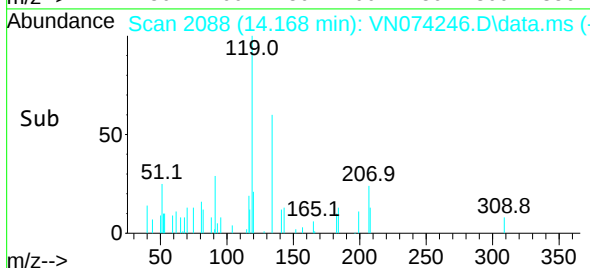
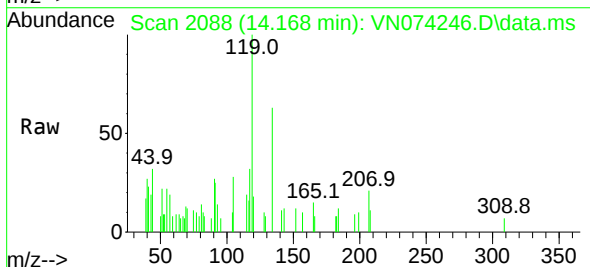


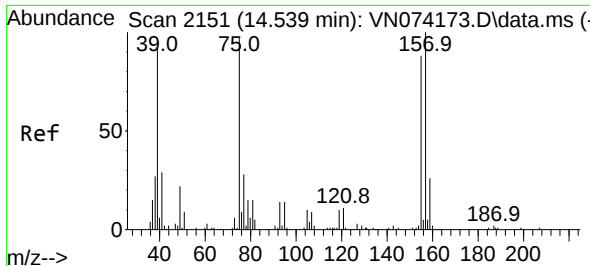
Tgt Ion:	119	Resp:	2675
Ion Ratio	100	Lower	Upper
134	13.6	13.3	39.8
91	14.4	11.3	33.9



#90
 Hexachloroethane
 Concen: 0.653 ug/l
 RT: 14.168 min Scan# 2088
 Delta R.T. 0.018 min
 Lab File: VN074246.D
 Acq: 01 Sep 2022 16:43

Tgt Ion:	117	Resp:	1651
Ion Ratio	100	Lower	Upper
201	0.0	40.6	122.0#

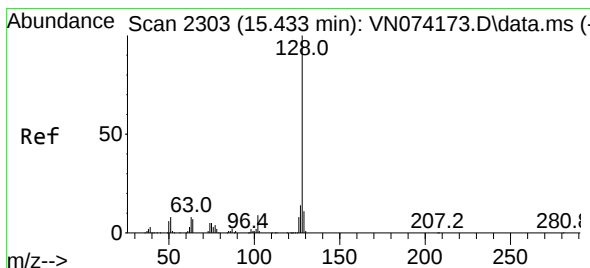
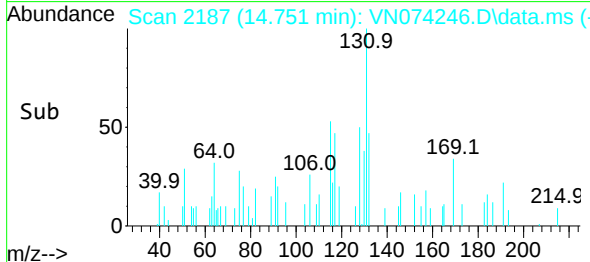
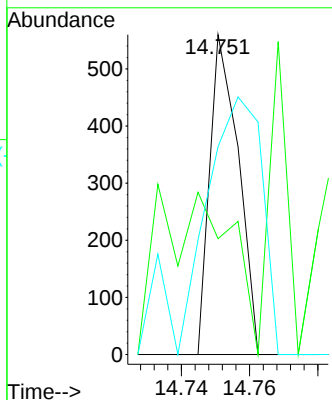
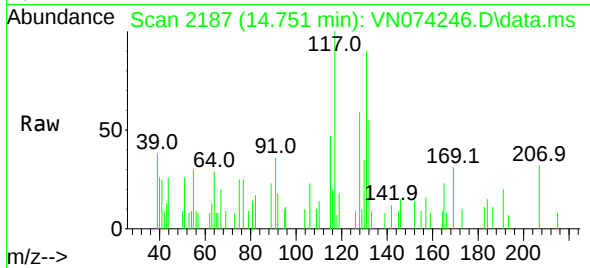




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.244 ug/l
 RT: 14.751 min Scan# 2151
 Delta R.T. 0.212 min
 Lab File: VN074246.D
 Acq: 01 Sep 2022 16:43

Instrument :
 MSVOA_N
 ClientSampleId :

Tgt Ion: 75	Resp:	326	
Ion	Ratio	Lower	Upper
75	100		
155	83.1	44.9	134.5
157	173.0	59.0	176.8



#95
 Naphthalene
 Concen: 1.758 ug/l
 RT: 15.427 min Scan# 2302
 Delta R.T. -0.006 min
 Lab File: VN074246.D
 Acq: 01 Sep 2022 16:43

Tgt Ion:128	Resp:	8886	
Ion	Ratio	Lower	Upper
128	100		
127	14.1	10.3	15.5
129	19.7	8.6	13.0#

