

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070522\
 Data File : VN073320.D
 Acq On : 05 Jul 2022 17:12
 Operator : JC\MD
 Sample : N3564-07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 06 01:15:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 01:54:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	264256	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	446908	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	403024	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.609	152	187563	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	168729	44.230	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	88.460%
35) Dibromofluoromethane	7.951	113	140089	47.115	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.220%
50) Toluene-d8	10.380	98	468399	44.355	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	88.700%
62) 4-Bromofluorobenzene	12.668	95	199185	49.081	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.160%

Target Compounds						Qvalue
13) Acrolein	3.987	56	118	0.202	ug/l #	16
14) Allyl chloride	4.739	41	1948	0.297	ug/l #	37
16) Acetone	4.228	43	87918	41.058	ug/l	96
17) Carbon Disulfide	4.457	76	1962	0.243	ug/l #	75
18) Methyl Acetate	4.781	43	2539	0.423	ug/l	96
20) Methylene Chloride	5.016	84	270402	71.854	ug/l	90
25) 2-Butanone	7.269	43	26729	7.840	ug/l	91
29) Tetrahydrofuran	7.628	42	5125	2.195	ug/l #	80
31) Cyclohexane	8.027	56	48064	7.693	ug/l	87
36) 1,1-Dichloropropene	8.016	75	21891	4.785	ug/l #	50
37) Ethyl Acetate	7.333	43	54029	7.816	ug/l	95
38) Carbon Tetrachloride	8.016	117	27894	5.896	ug/l #	17
39) Methylcyclohexane	9.392	83	96203	16.890	ug/l	95
40) Benzene	8.386	78	14897	1.055	ug/l	94
41) Methacrylonitrile	7.633	41	2960	0.883	ug/l #	32
42) 1,2-Dichloroethane	8.480	62	1231	0.241	ug/l #	74
43) Isopropyl Acetate	8.492	43	205244	20.659	ug/l #	85
45) 1,2-Dichloropropane	9.386	63	1130	0.314	ug/l #	1
48) Methyl methacrylate	9.486	41	6296	1.369	ug/l #	37
49) 1,4-Dioxane	9.498	88	70	0.802	ug/l #	1
51) 4-Methyl-2-Pentanone	10.263	43	17331	2.751	ug/l #	71
52) Toluene	10.439	92	4336	0.497	ug/l	97
54) cis-1,3-Dichloropropene	10.180	75	59205	10.526	ug/l #	66
55) 1,1,2-Trichloroethane	10.816	97	8514	2.370	ug/l #	21
56) Ethyl methacrylate	10.710	69	3794	0.653	ug/l #	1
57) 1,3-Dichloropropane	11.033	76	6890	1.119	ug/l #	42
59) 2-Hexanone	11.033	43	105254	21.916	ug/l #	48
67) Ethyl Benzene	11.786	91	3617	0.219	ug/l	94
68) m/p-Xylenes	11.892	106	4666	0.747	ug/l	99
69) o-Xylene	12.221	106	2648	0.415	ug/l	82
73) Isopropylbenzene	12.521	105	61531	3.799	ug/l	97
74) N-amyl acetate	12.298	43	6513	0.803	ug/l #	65
75) 1,1,2,2-Tetrachloroethane	12.757	83	1629	0.303	ug/l #	70
76) 1,2,3-Trichloropropane	12.668	75	105868	21.586	ug/l #	1
78) n-propylbenzene	12.862	91	49666	2.760	ug/l	98
79) 2-Chlorotoluene	12.862	91	49666	4.361	ug/l #	40

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

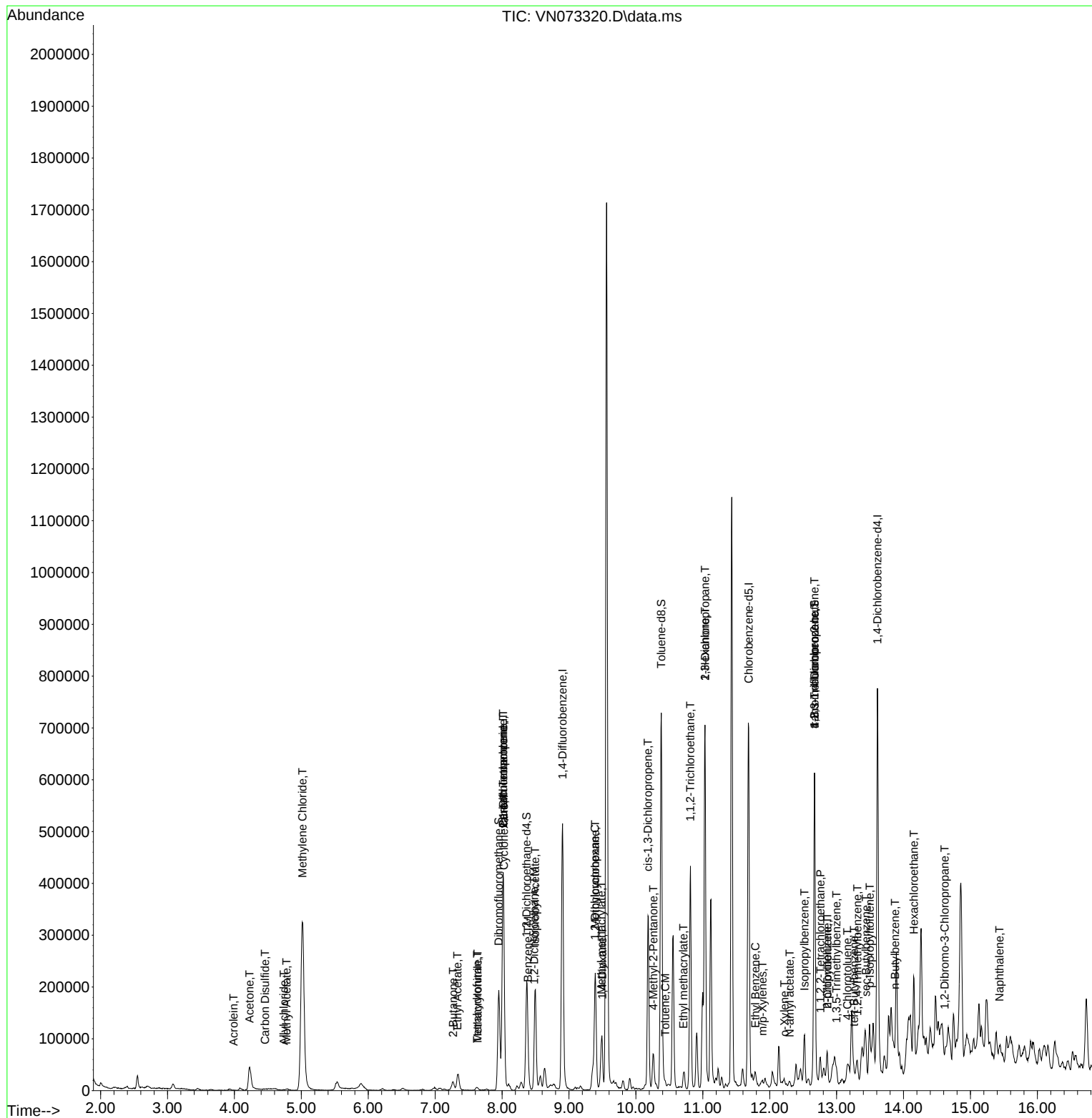
80) 1,3,5-Trimethylbenzene	12.998	105	7570	0.573	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.668	75	105868	59.200	ug/l #	10
82) 4-Chlorotoluene	13.162	91	2791	0.253	ug/l #	40
83) tert-Butylbenzene	13.262	119	4831	0.408	ug/l	90
84) 1,2,4-Trimethylbenzene	13.310	105	4601	0.349	ug/l	97
85) sec-Butylbenzene	13.439	105	25589	1.610	ug/l	84
86) p-Isopropyltoluene	13.498	119	3456	0.269	ug/l	85
89) n-Butylbenzene	13.874	91	10675	0.998	ug/l #	79
90) Hexachloroethane	14.156	117	8012	3.349	ug/l #	9
92) 1,2-Dibromo-3-Chloropr...	14.615	75	334	0.256	ug/l	66
95) Naphthalene	15.433	128	5235	0.362	ug/l #	1

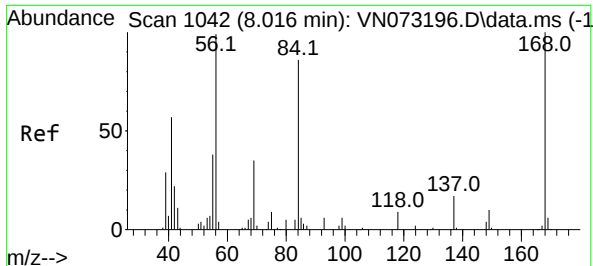
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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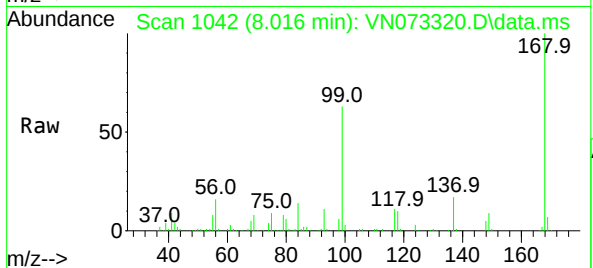
Quant Time: Jul 06 01:15:38 2022
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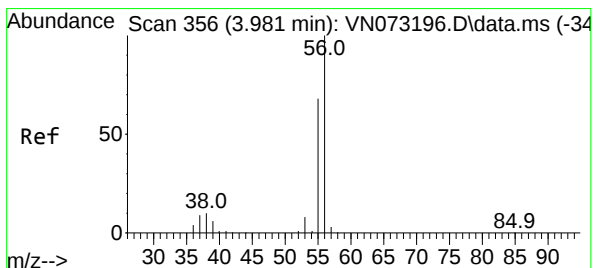
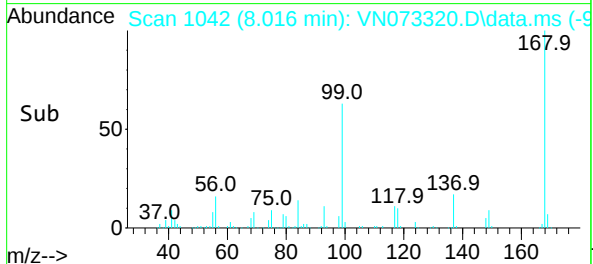
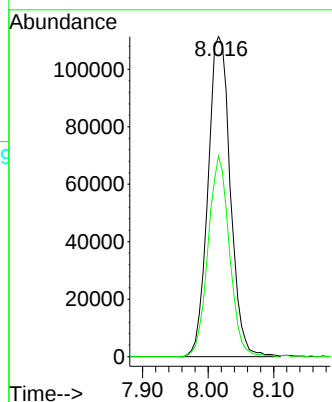


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN073320.D
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ClientSampleId :

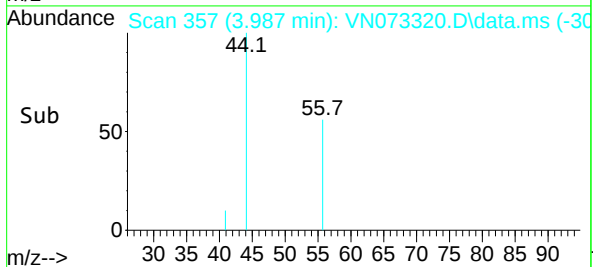
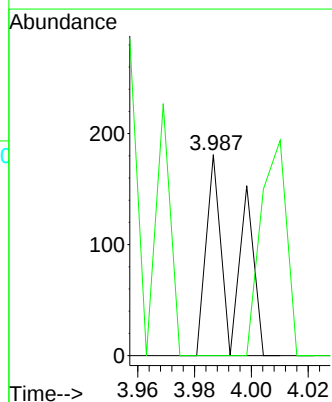
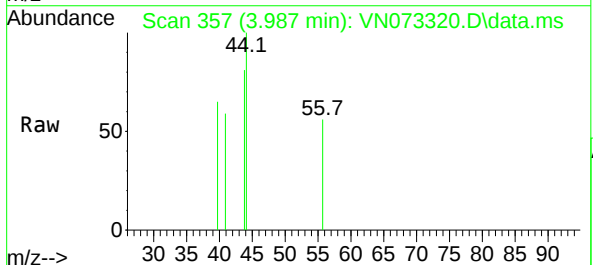


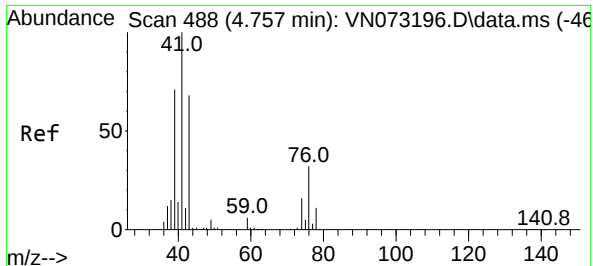
Tgt Ion:168 Resp: 264256
Ion Ratio Lower Upper
168 100
99 62.7 42.3 63.5



#13
Acrolein
Concen: 0.202 ug/l
RT: 3.987 min Scan# 357
Delta R.T. 0.006 min
Lab File: VN073320.D
Acq: 05 Jul 2022 17:12

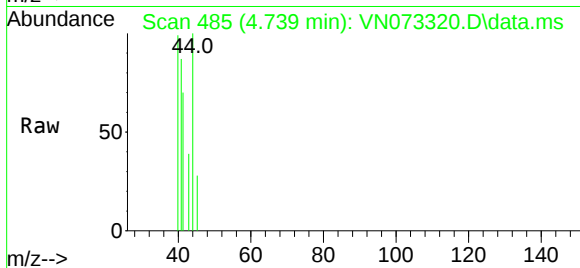
Tgt Ion: 56 Resp: 118
Ion Ratio Lower Upper
56 100
55 0.0 54.8 82.2#



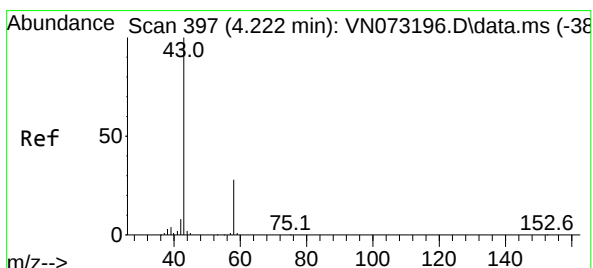
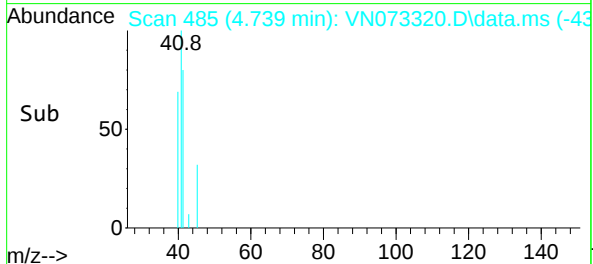
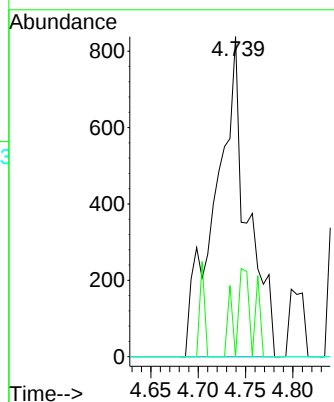


#14
 Allyl chloride
 Concen: 0.297 ug/l
 RT: 4.739 min Scan# 41
 Delta R.T. -0.018 min
 Lab File: VN073320.D
 Acq: 05 Jul 2022 17:12

Instrument :
 MSVOA_N
 ClientSampleId :

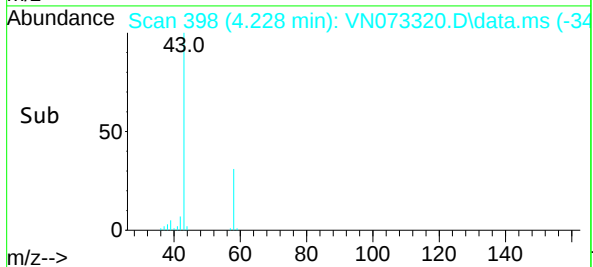
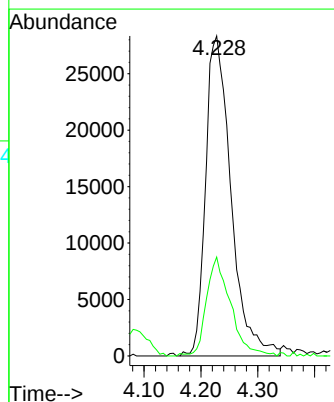
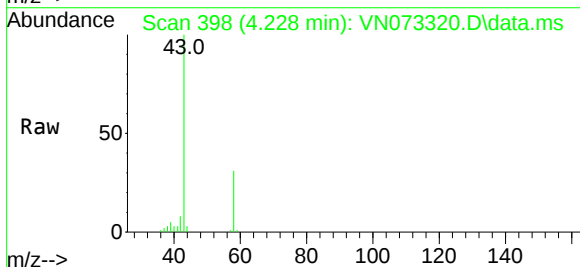


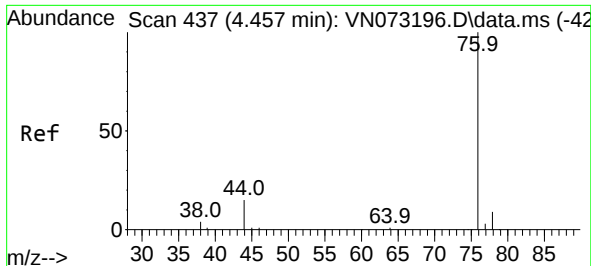
Tgt Ion: 41 Resp: 1948
 Ion Ratio Lower Upper
 41 100
 39 15.5 53.2 79.8#
 76 0.0 29.9 44.9#



#16
 Acetone
 Concen: 41.058 ug/l
 RT: 4.228 min Scan# 398
 Delta R.T. 0.006 min
 Lab File: VN073320.D
 Acq: 05 Jul 2022 17:12

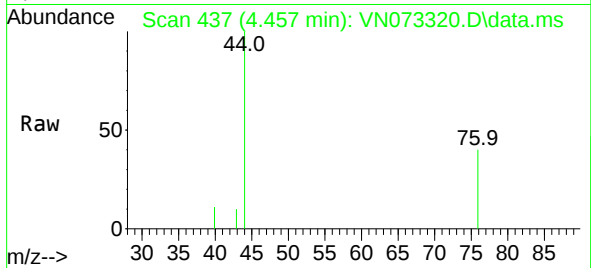
Tgt Ion: 43 Resp: 87918
 Ion Ratio Lower Upper
 43 100
 58 30.2 26.0 39.0



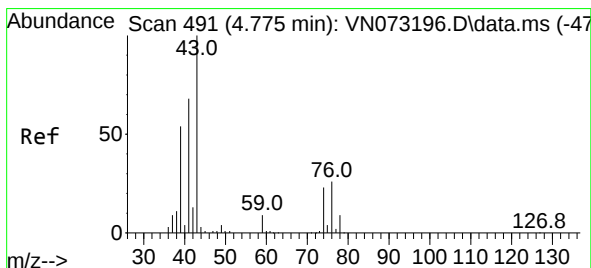
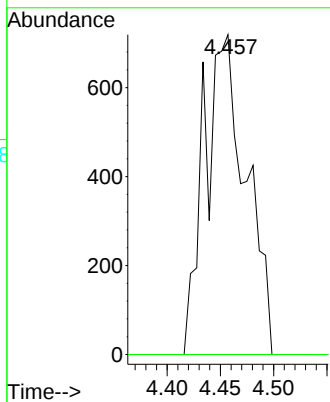
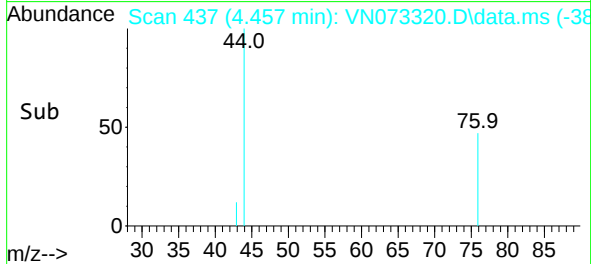


#17
Carbon Disulfide
Concen: 0.243 ug/l
RT: 4.457 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN073320.D
Acq: 05 Jul 2022 17:12

Instrument :
MSVOA_N
ClientSampleId :

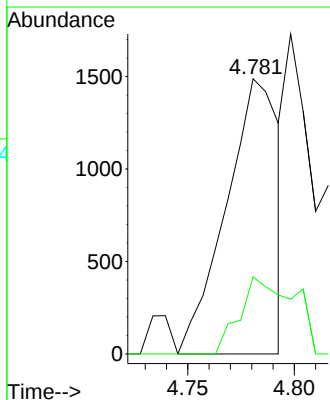
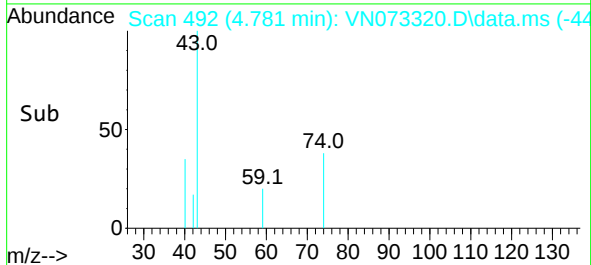
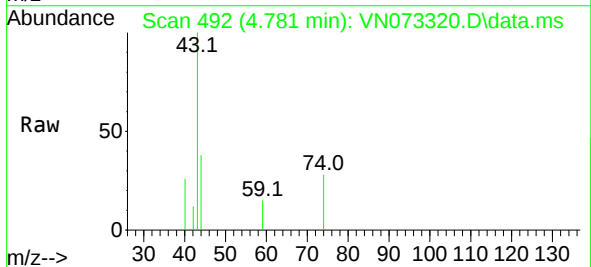


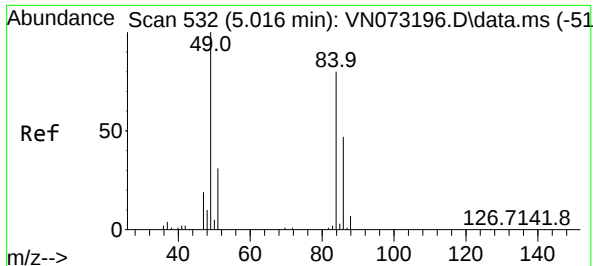
Tgt Ion: 76 Resp: 1962
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#18
Methyl Acetate
Concen: 0.423 ug/l
RT: 4.781 min Scan# 492
Delta R.T. 0.006 min
Lab File: VN073320.D
Acq: 05 Jul 2022 17:12

Tgt Ion: 43 Resp: 2539
Ion Ratio Lower Upper
43 100
74 29.1 21.6 32.4





#20

Methylene Chloride

Concen: 71.854 ug/l

RT: 5.016 min Scan# 51

Delta R.T. -0.000 min

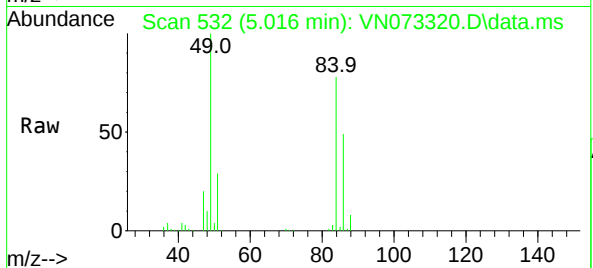
Lab File: VN073320.D

Acq: 05 Jul 2022 17:12

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 84 Resp: 270402

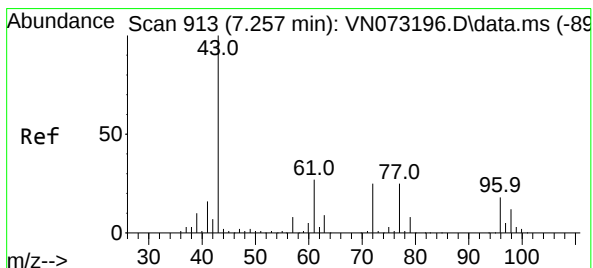
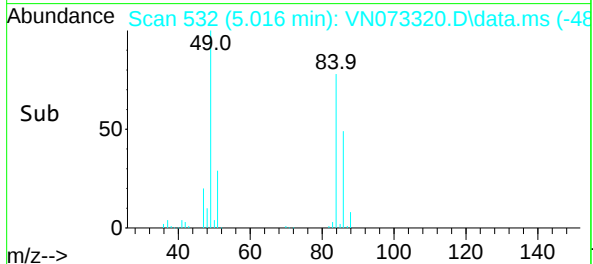
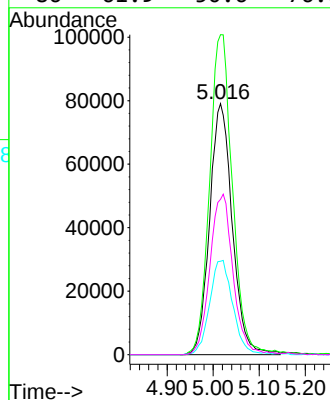
Ion Ratio Lower Upper

84 100

49 127.5 88.3 132.5

51 37.2 28.2 42.2

86 61.9 50.6 76.0



#25

2-Butanone

Concen: 7.840 ug/l

RT: 7.269 min Scan# 915

Delta R.T. 0.012 min

Lab File: VN073320.D

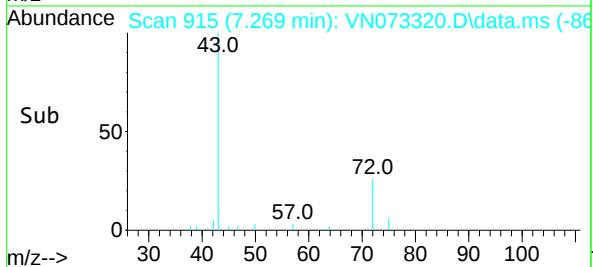
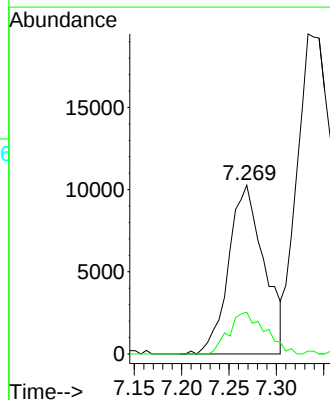
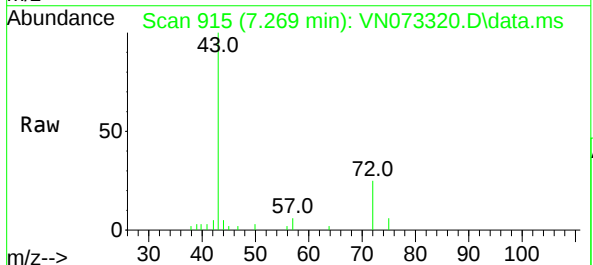
Acq: 05 Jul 2022 17:12

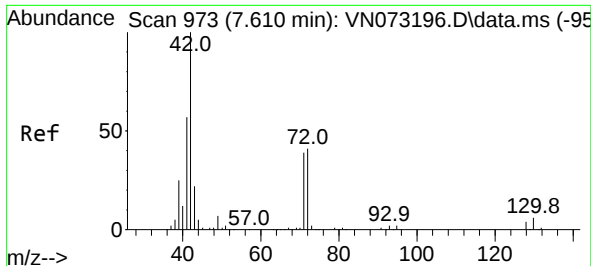
Tgt Ion: 43 Resp: 26729

Ion Ratio Lower Upper

43 100

72 24.7 23.7 35.5





#29

Tetrahydrofuran

Concen: 2.195 ug/l

RT: 7.628 min Scan# 91

Delta R.T. 0.018 min

Lab File: VN073320.D

Acq: 05 Jul 2022 17:12

Instrument :

MSVOA_N

ClientSampleId :

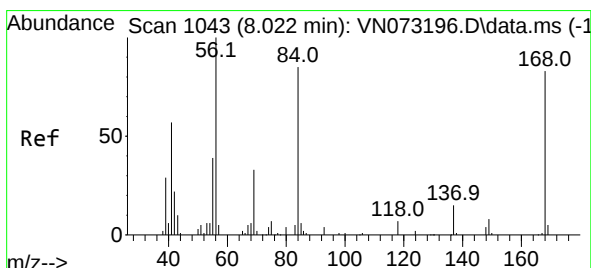
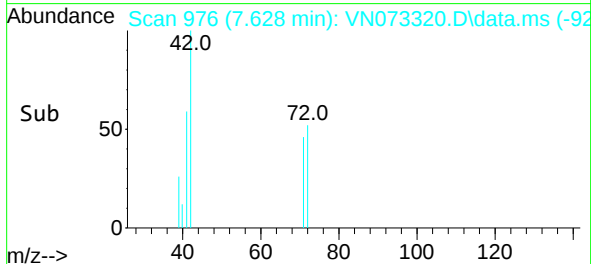
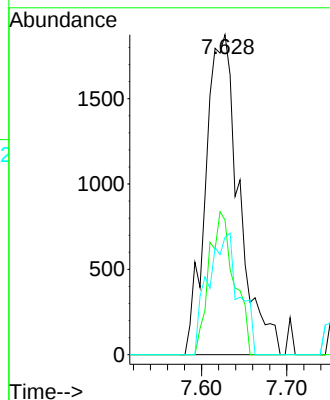
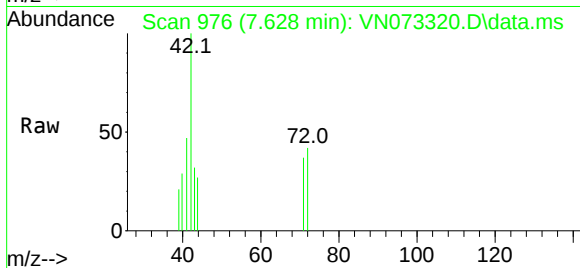
Tgt Ion: 42 Resp: 5125

Ion Ratio Lower Upper

42 100

72 33.6 39.7 59.5#

71 35.1 36.6 55.0#



#31

Cyclohexane

Concen: 7.693 ug/l

RT: 8.027 min Scan# 1044

Delta R.T. 0.005 min

Lab File: VN073320.D

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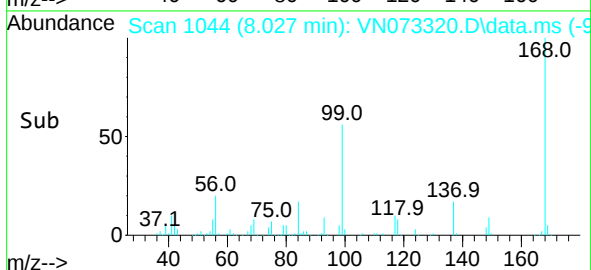
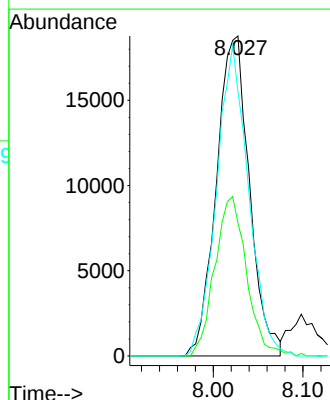
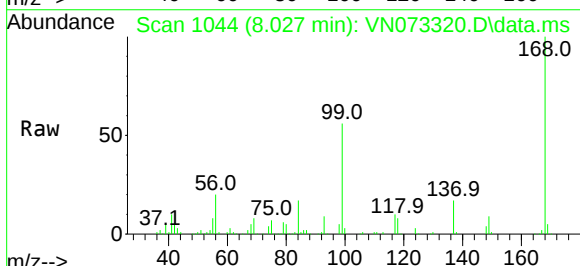
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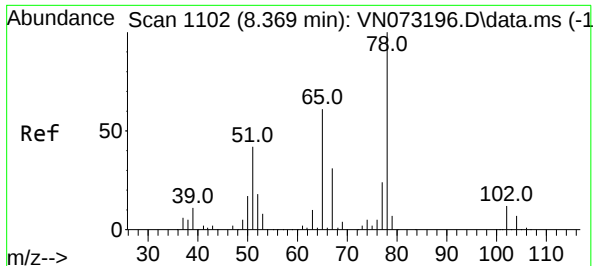
Ion Ratio Lower Upper

56 100

69 41.6 27.8 41.8

84 82.5 76.9 115.3





#33

1,2-Dichloroethane-d4

Concen: 44.230 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN073320.D

Acq: 05 Jul 2022 17:12

Instrument :

MSVOA_N

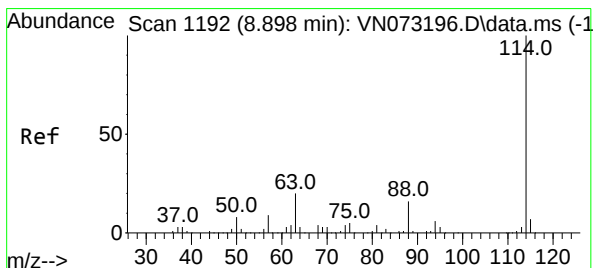
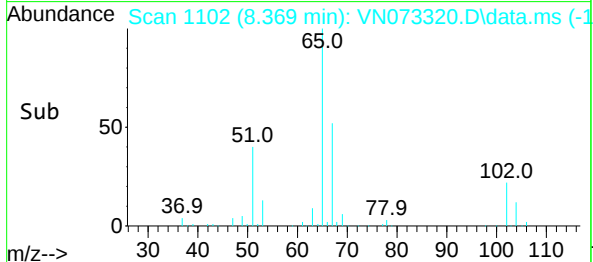
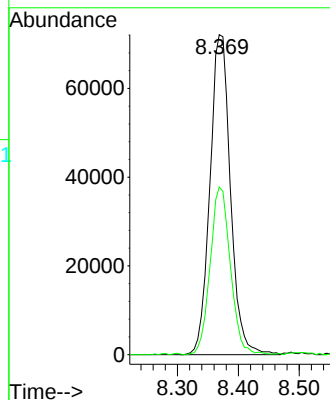
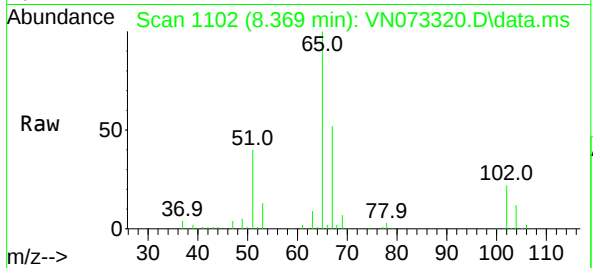
ClientSampleId :

Tgt Ion: 65 Resp: 168729

Ion Ratio Lower Upper

65 100

67 51.7 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.006 min

Lab File: VN073320.D

Acq: 05 Jul 2022 17:12

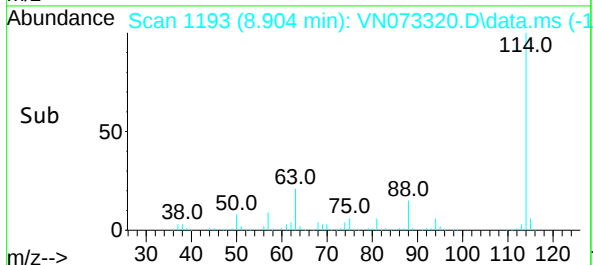
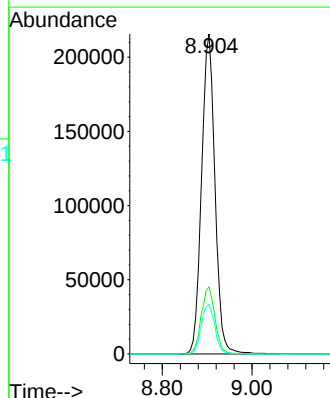
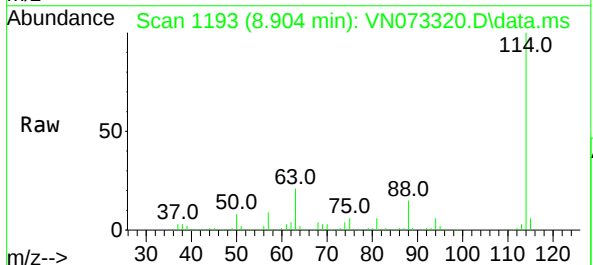
Tgt Ion: 114 Resp: 446908

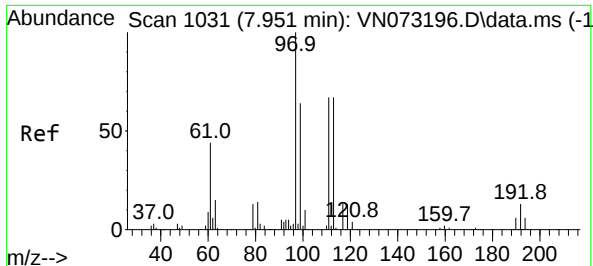
Ion Ratio Lower Upper

114 100

63 21.0 0.0 40.0

88 15.5 0.0 32.6





#35

Dibromofluoromethane

Concen: 47.115 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

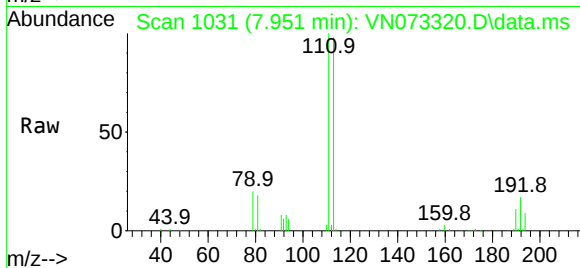
Lab File: VN073320.D

Acq: 05 Jul 2022 17:12

Instrument :

MSVOA_N

ClientSampleId :



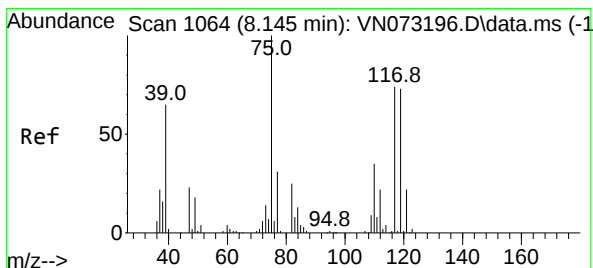
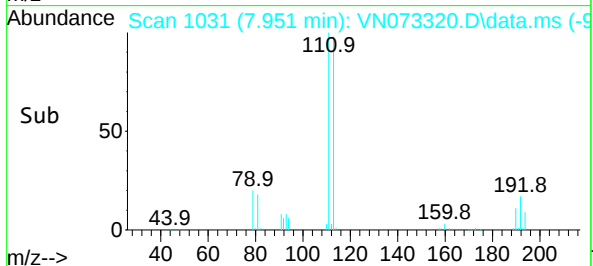
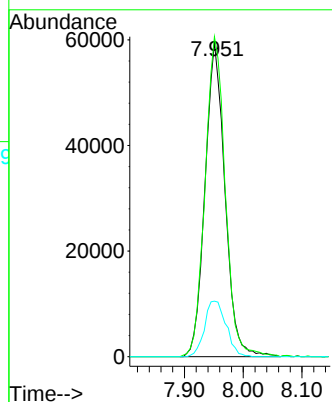
Tgt Ion:113 Resp: 140089

Ion Ratio Lower Upper

113 100

111 103.6 81.4 122.0

192 19.2 17.0 25.6



#36

1,1-Dichloropropene

Concen: 4.785 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.129 min

Lab File: VN073320.D

Acq: 05 Jul 2022 17:12

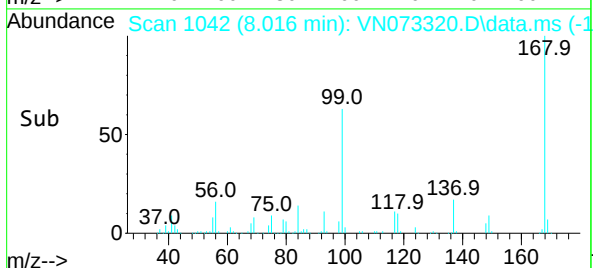
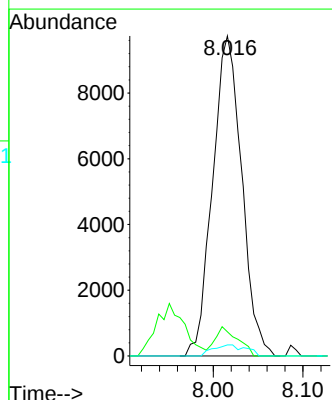
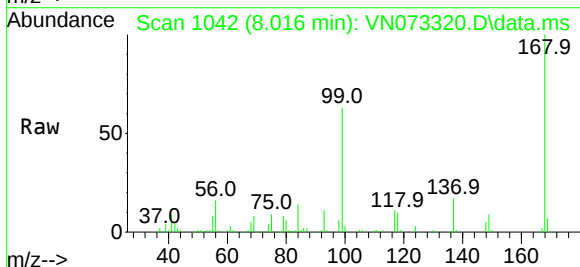
Tgt Ion: 75 Resp: 21891

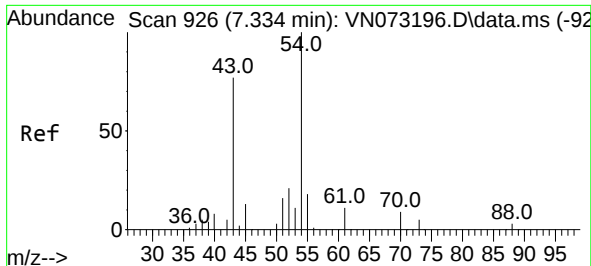
Ion Ratio Lower Upper

75 100

110 7.0 18.3 54.8#

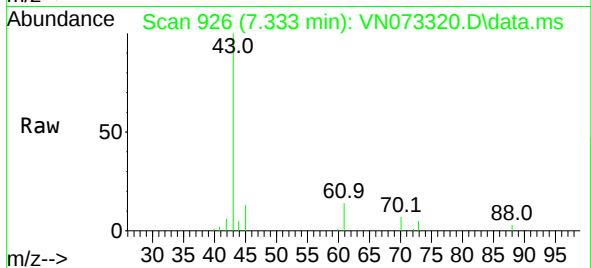
77 3.9 25.1 37.7#



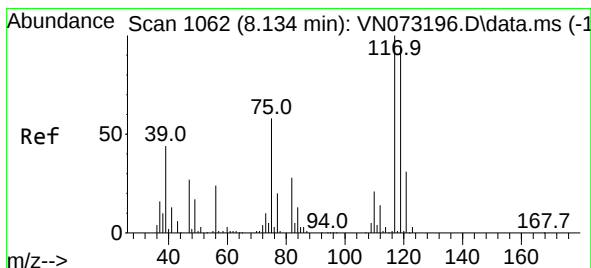
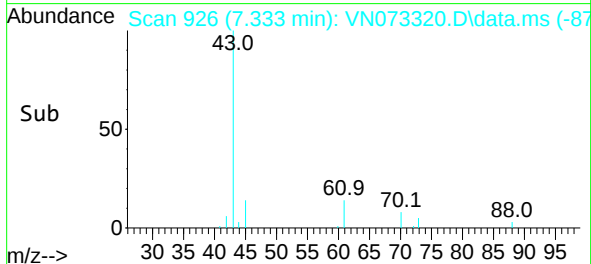
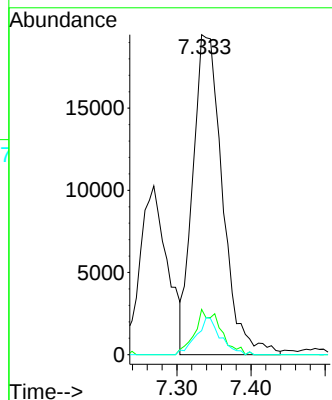


#37
Ethyl Acetate
Concen: 7.816 ug/l
RT: 7.333 min Scan# 91
Delta R.T. -0.001 min
Lab File: VN073320.D
Acq: 05 Jul 2022 17:12

Instrument :
MSVOA_N
ClientSampleId :

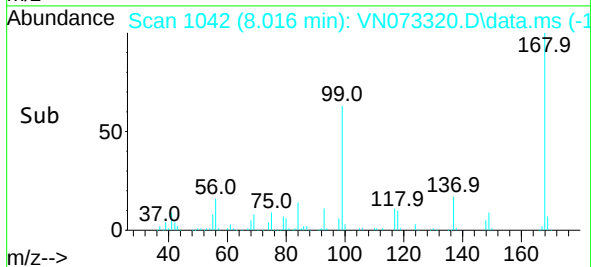
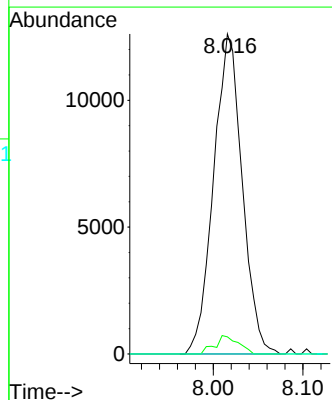
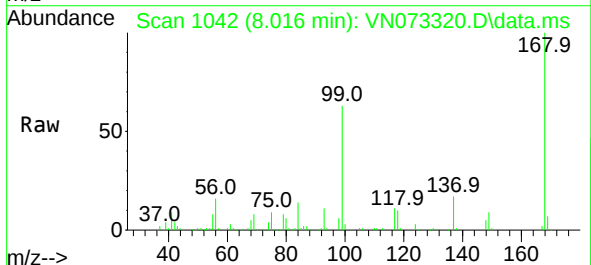


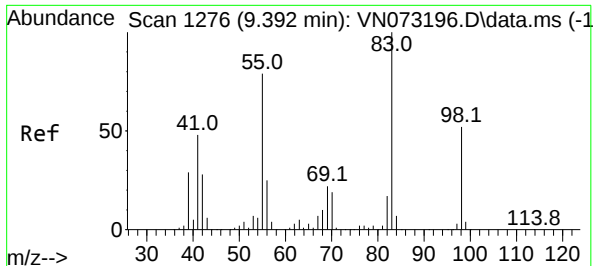
Tgt Ion: 43 Resp: 54029
Ion Ratio Lower Upper
43 100
61 12.4 11.8 17.6
70 9.5 9.3 13.9



#38
Carbon Tetrachloride
Concen: 5.896 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.118 min
Lab File: VN073320.D
Acq: 05 Jul 2022 17:12

Tgt Ion: 117 Resp: 27894
Ion Ratio Lower Upper
117 100
119 5.3 75.8 113.8#
121 0.0 24.6 37.0#





#39

Methylcyclohexane

Concen: 16.890 ug/l

RT: 9.392 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VN073320.D

Acq: 05 Jul 2022 17:12

Instrument :

MSVOA_N

ClientSampleId :

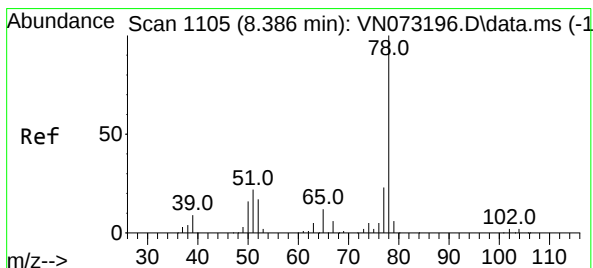
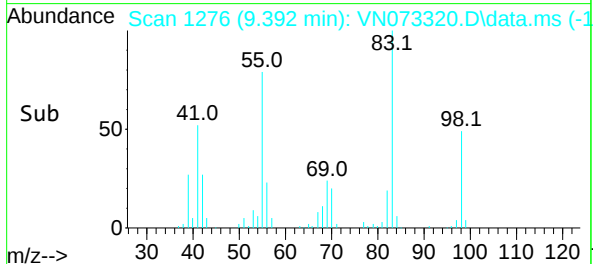
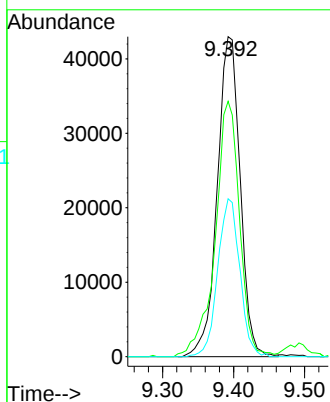
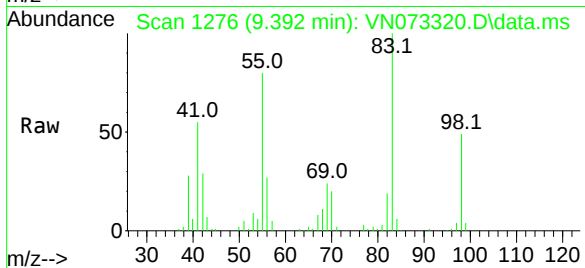
Tgt Ion: 83 Resp: 96203

Ion Ratio Lower Upper

83 100

55 78.9 57.8 86.8

98 49.3 39.4 59.2



#40

Benzene

Concen: 1.055 ug/l

RT: 8.386 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VN073320.D

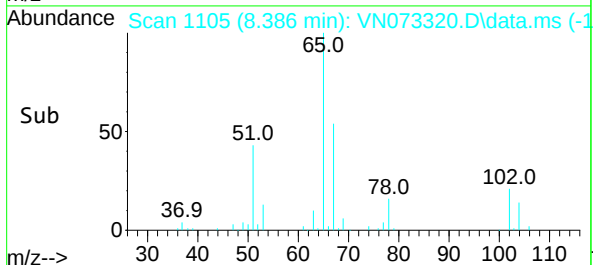
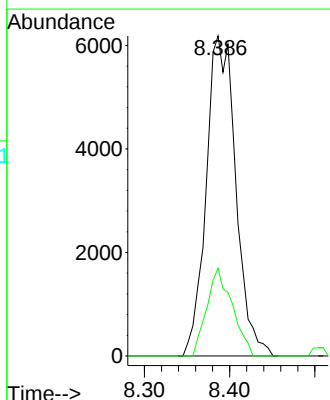
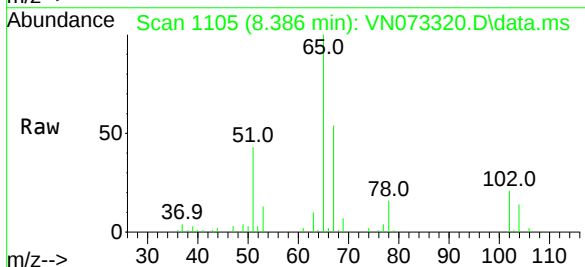
Acq: 05 Jul 2022 17:12

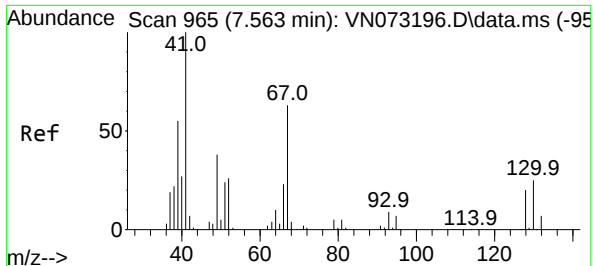
Tgt Ion: 78 Resp: 14897

Ion Ratio Lower Upper

78 100

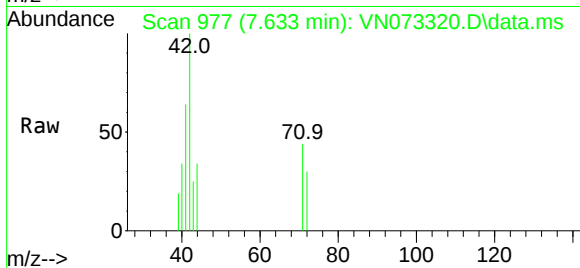
77 27.4 19.4 29.0



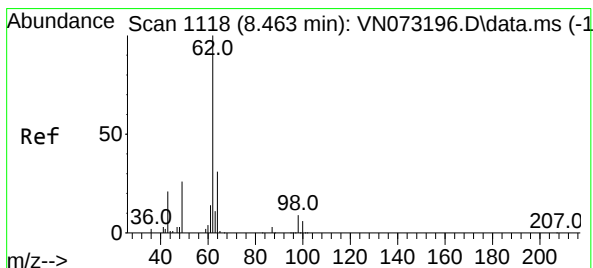
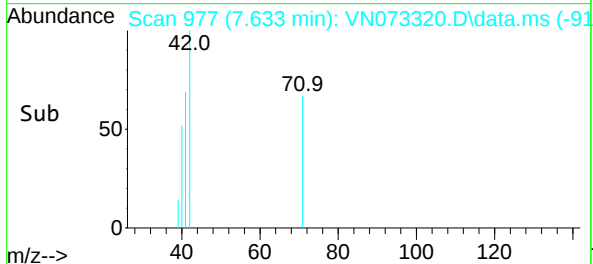
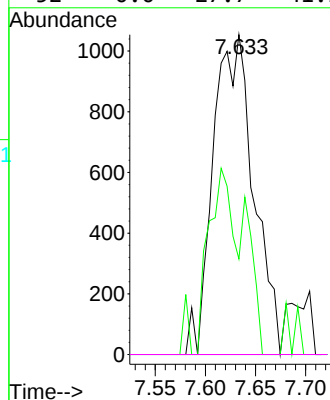


#41
Methacrylonitrile
Concen: 0.883 ug/l
RT: 7.633 min Scan# 91
Delta R.T. 0.070 min
Lab File: VN073320.D
Acq: 05 Jul 2022 17:12

Instrument :
MSVOA_N
ClientSampleId :

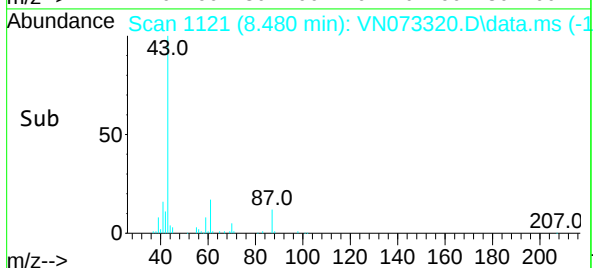
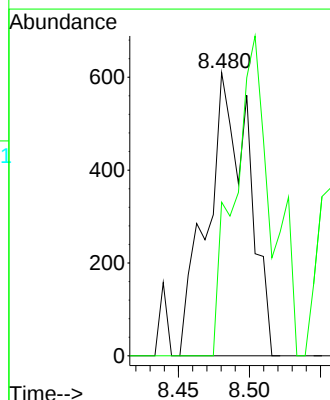
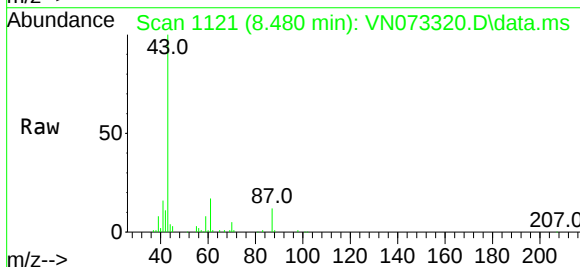


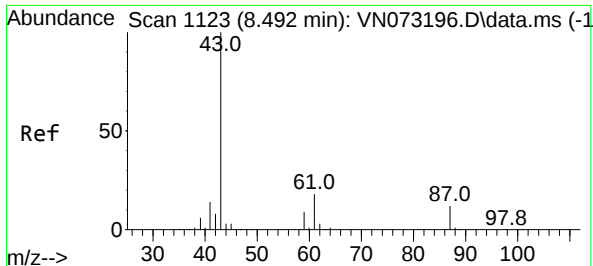
Tgt Ion: 41	Resp: 2960
Ion Ratio	Lower Upper
41 100	
39 37.0	48.6 73.0#
67 0.0	73.4 110.2#
52 0.0	27.7 41.5#



#42
1,2-Dichloroethane
Concen: 0.241 ug/l
RT: 8.480 min Scan# 1121
Delta R.T. 0.017 min
Lab File: VN073320.D
Acq: 05 Jul 2022 17:12

Tgt Ion: 62	Resp: 1231
Ion Ratio	Lower Upper
62 100	
98 0.0	0.0 19.4

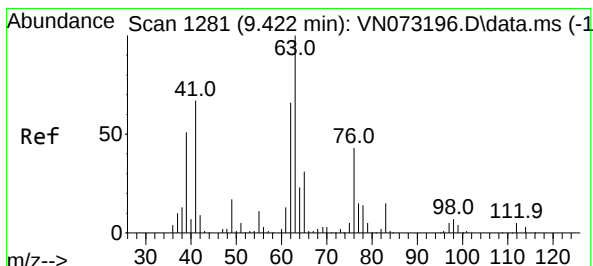
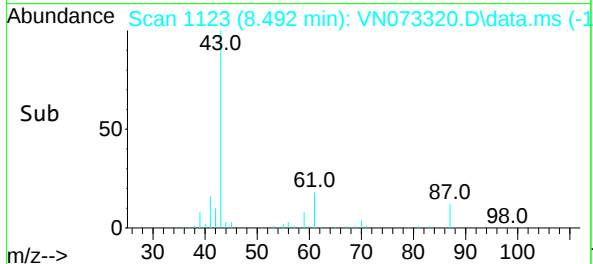
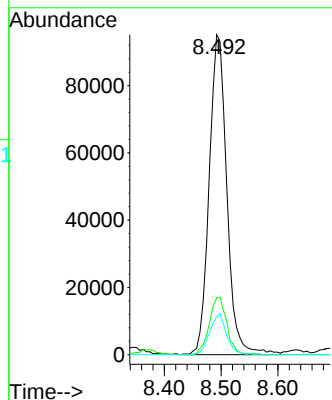
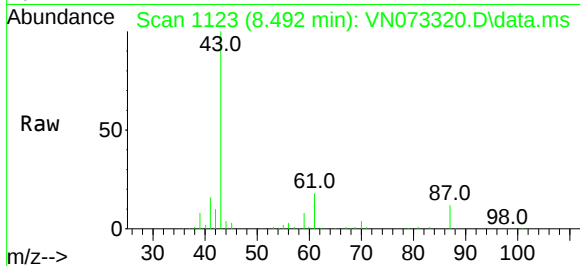




#43
Isopropyl Acetate
Concen: 20.659 ug/l
RT: 8.492 min Scan# 1123
Delta R.T. 0.000 min
Lab File: VN073320.D
Acq: 05 Jul 2022 17:12

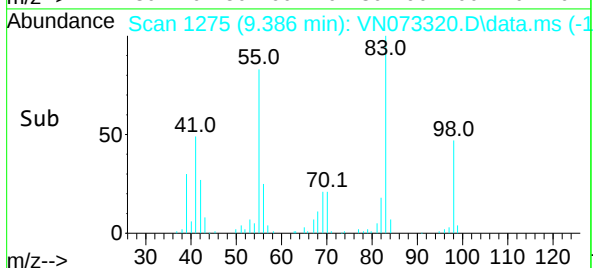
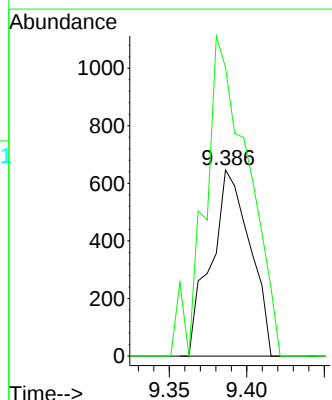
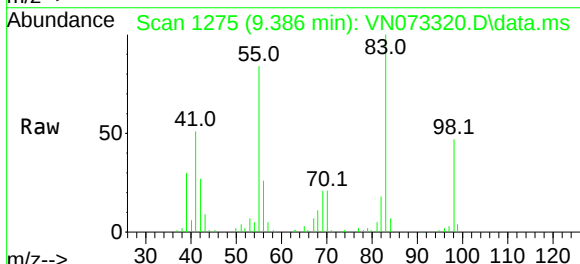
Instrument :
MSVOA_N
ClientSampleId :

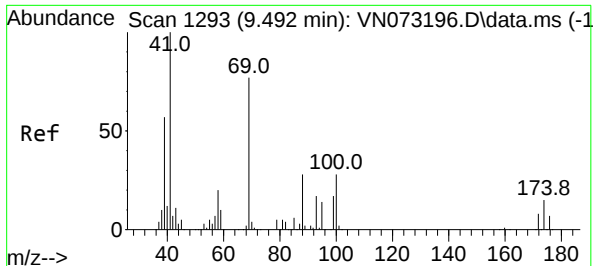
Tgt Ion: 43 Resp: 205244
Ion Ratio Lower Upper
43 100
61 17.7 21.9 32.9#
87 12.0 12.0 18.0



#45
1,2-Dichloropropane
Concen: 0.314 ug/l
RT: 9.386 min Scan# 1275
Delta R.T. -0.036 min
Lab File: VN073320.D
Acq: 05 Jul 2022 17:12

Tgt Ion: 63 Resp: 1130
Ion Ratio Lower Upper
63 100
65 155.0 24.9 37.3#

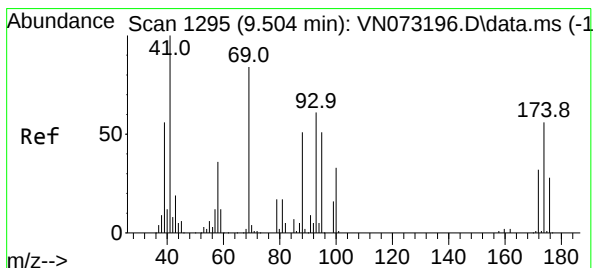
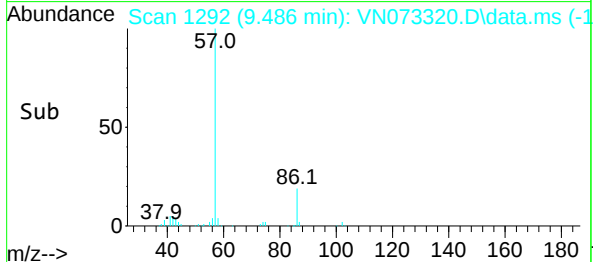
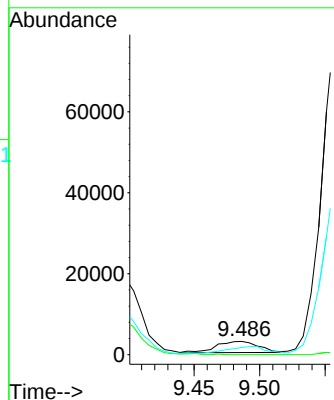
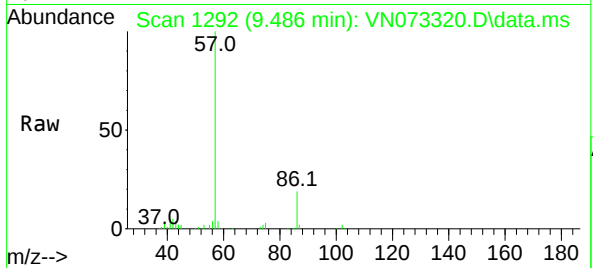




#48
Methyl methacrylate
Concen: 1.369 ug/l
RT: 9.486 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN073320.D
Acq: 05 Jul 2022 17:12

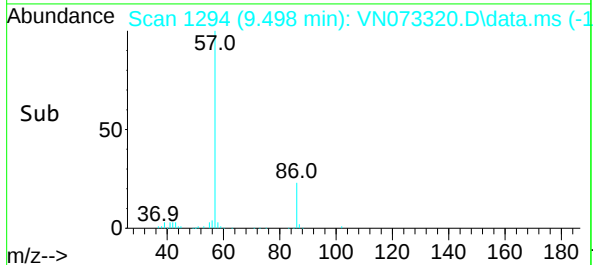
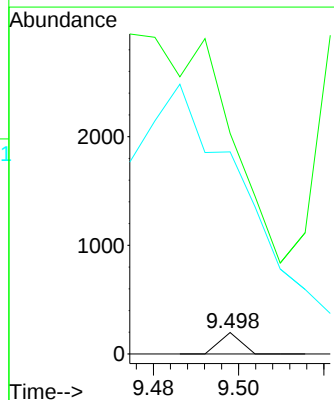
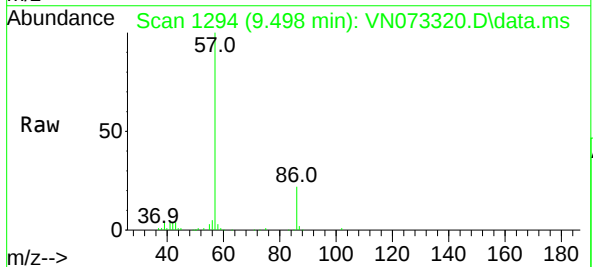
Instrument :
MSVOA_N
ClientSampleId :

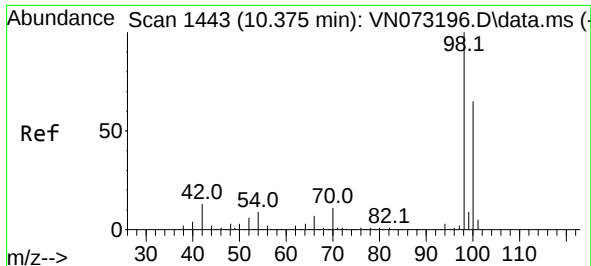
Tgt Ion: 41 Resp: 6296
Ion Ratio Lower Upper
41 100
69 0.0 74.7 112.1#
39 61.6 45.6 68.4



#49
1,4-Dioxane
Concen: 0.802 ug/l
RT: 9.498 min Scan# 1294
Delta R.T. -0.006 min
Lab File: VN073320.D
Acq: 05 Jul 2022 17:12

Tgt Ion: 88 Resp: 70
Ion Ratio Lower Upper
88 100
43 0.0 20.2 30.4#
58 8040.0 54.2 81.4#





#50

Toluene-d8

Concen: 44.355 ug/l

RT: 10.380 min Scan# 1444

Delta R.T. 0.005 min

Lab File: VN073320.D

Acq: 05 Jul 2022 17:12

Instrument :

MSVOA_N

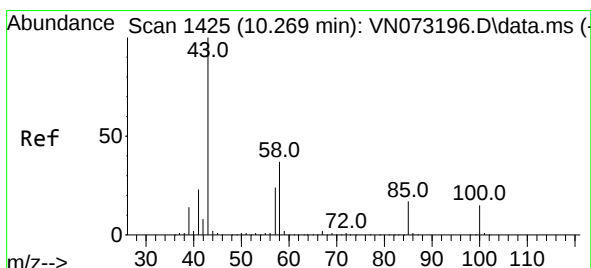
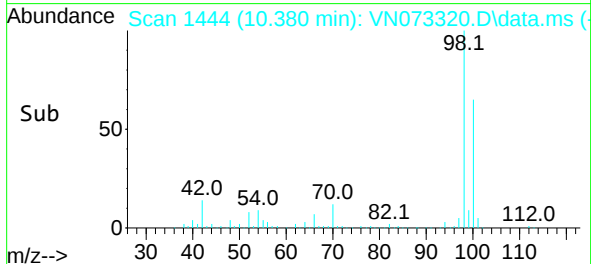
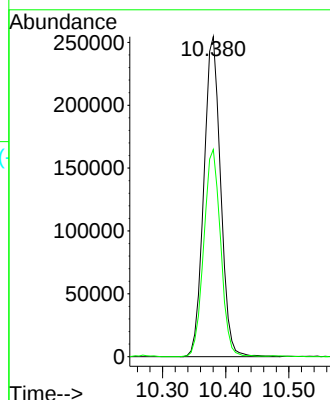
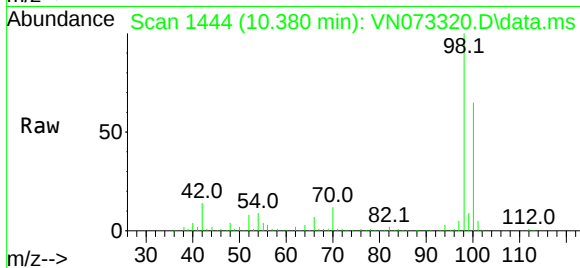
ClientSampleId :

Tgt Ion: 98 Resp: 468399

Ion Ratio Lower Upper

98 100

100 65.2 52.6 78.8



#51

4-Methyl-2-Pentanone

Concen: 2.751 ug/l

RT: 10.263 min Scan# 1424

Delta R.T. -0.006 min

Lab File: VN073320.D

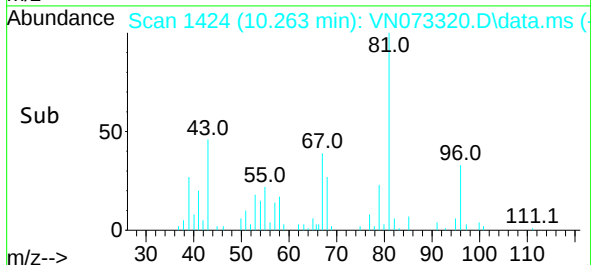
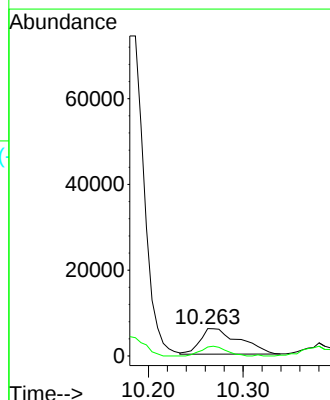
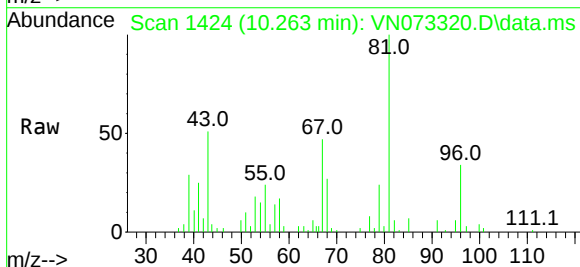
Acq: 05 Jul 2022 17:12

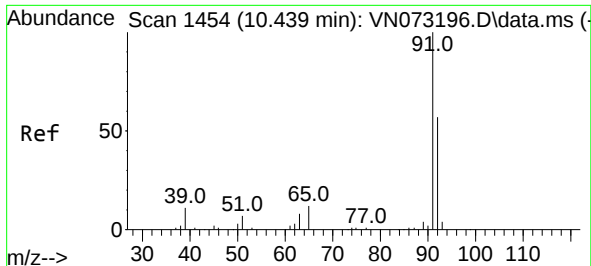
Tgt Ion: 43 Resp: 17331

Ion Ratio Lower Upper

43 100

58 24.1 34.1 51.1#

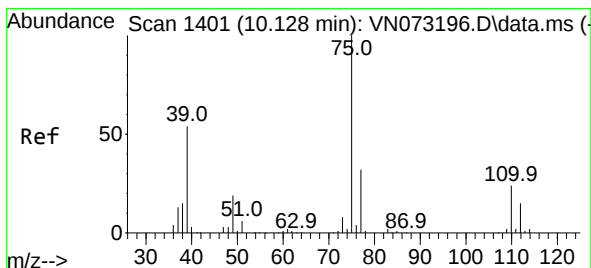
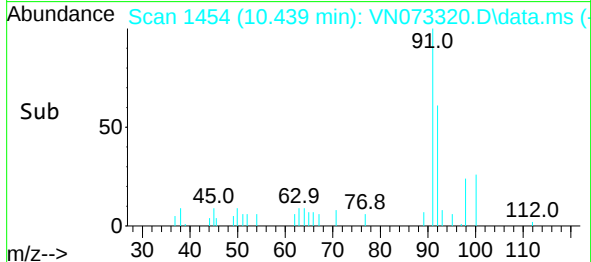
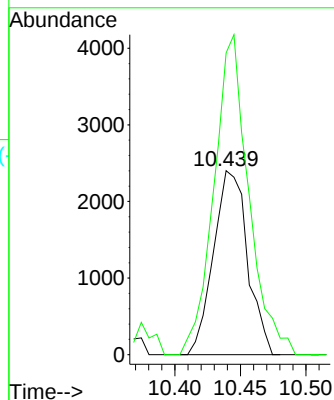
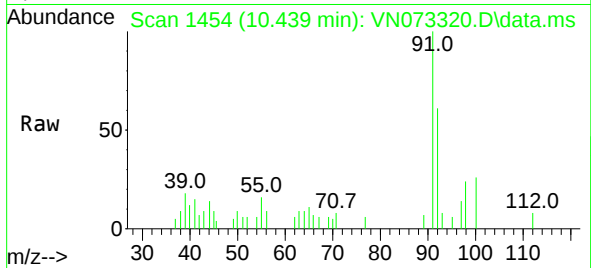




#52
Toluene
Concen: 0.497 ug/l
RT: 10.439 min Scan# 1410
Delta R.T. 0.000 min
Lab File: VN073320.D
Acq: 05 Jul 2022 17:12

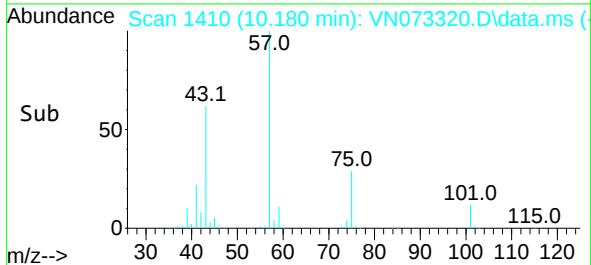
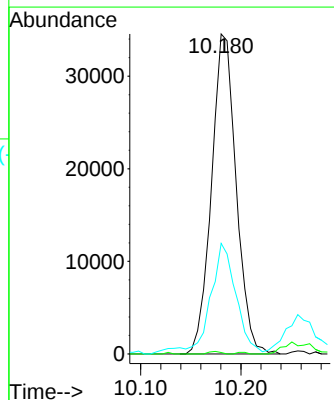
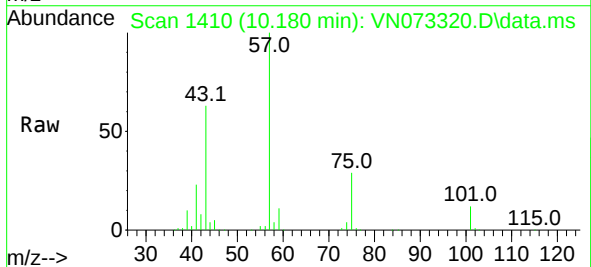
Instrument :
MSVOA_N
ClientSampleId :

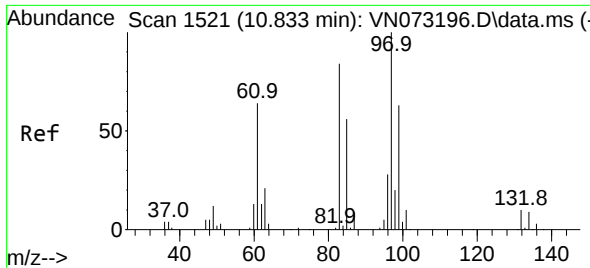
Tgt Ion: 92 Resp: 4336
Ion Ratio Lower Upper
92 100
91 177.6 138.6 207.8



#54
cis-1,3-Dichloropropene
Concen: 10.526 ug/l
RT: 10.180 min Scan# 1410
Delta R.T. 0.052 min
Lab File: VN073320.D
Acq: 05 Jul 2022 17:12

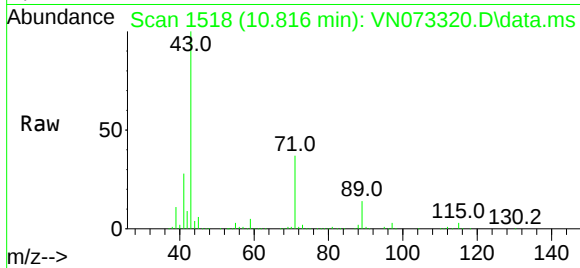
Tgt Ion: 75 Resp: 59205
Ion Ratio Lower Upper
75 100
77 0.4 25.2 37.8#
39 32.6 35.7 53.5#



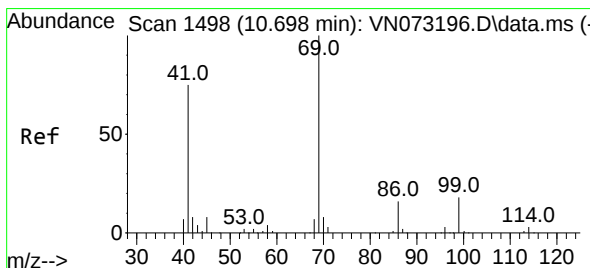
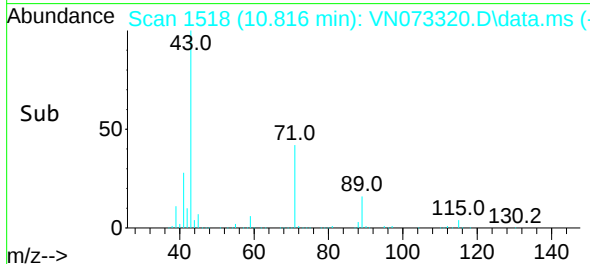
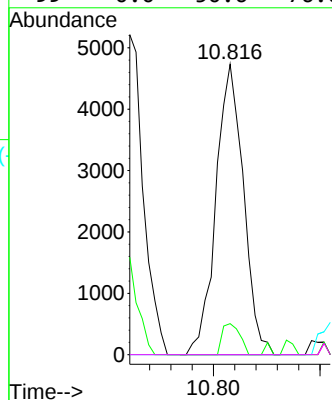


#55
1,1,2-Trichloroethane
Concen: 2.370 ug/l
RT: 10.816 min Scan# 1518
Delta R.T. -0.017 min
Lab File: VN073320.D
Acq: 05 Jul 2022 17:12

Instrument :
MSVOA_N
ClientSampleId :

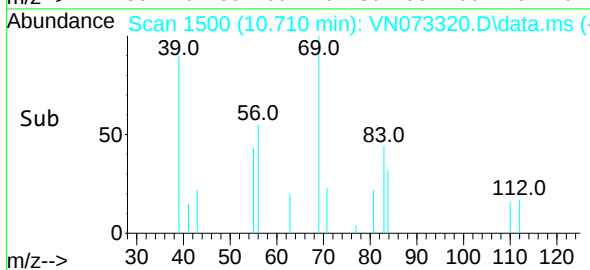
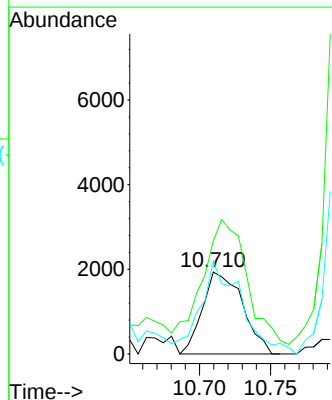
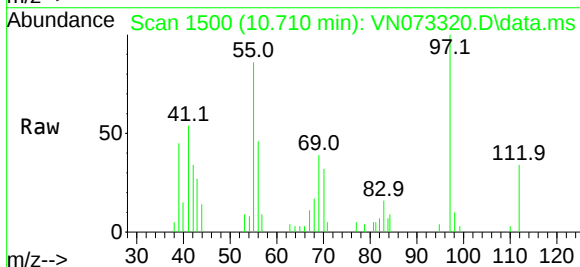


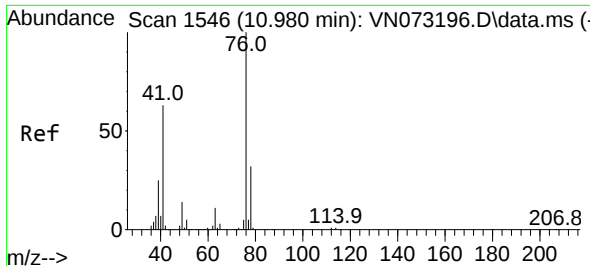
Tgt Ion:	97	Resp:	8514
Ion	Ratio	Lower	Upper
97	100		
83	10.7	66.2	99.4#
85	0.0	43.9	65.9#
99	0.0	50.6	76.0#



#56
Ethyl methacrylate
Concen: 0.653 ug/l
RT: 10.710 min Scan# 1500
Delta R.T. 0.012 min
Lab File: VN073320.D
Acq: 05 Jul 2022 17:12

Tgt Ion:	69	Resp:	3794
Ion	Ratio	Lower	Upper
69	100		
41	166.9	47.8	71.6#
39	116.6	27.3	40.9#





#57

1,3-Dichloropropane

Concen: 1.119 ug/l

RT: 11.033 min Scan# 1555

Delta R.T. 0.053 min

Lab File: VN073320.D

Acq: 05 Jul 2022 17:12

Instrument :

MSVOA_N

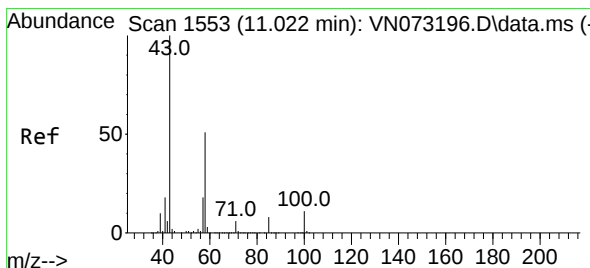
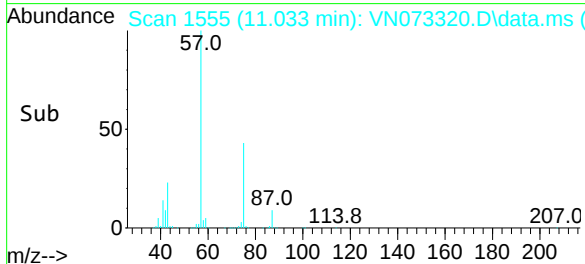
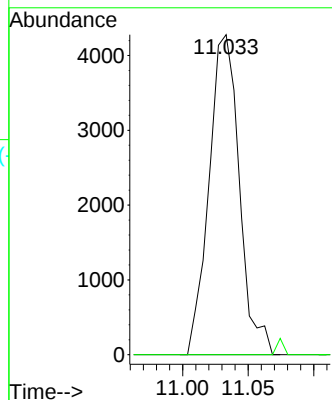
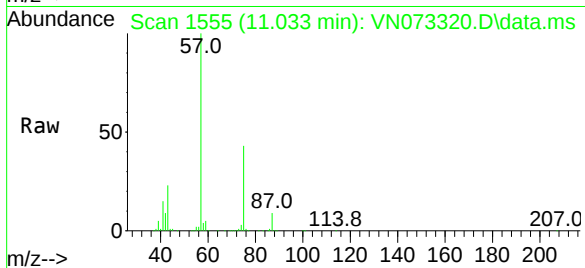
ClientSampleId :

Tgt Ion: 76 Resp: 6890

Ion Ratio Lower Upper

76 100

78 0.0 26.2 39.2#



#59

2-Hexanone

Concen: 21.916 ug/l

RT: 11.033 min Scan# 1555

Delta R.T. 0.011 min

Lab File: VN073320.D

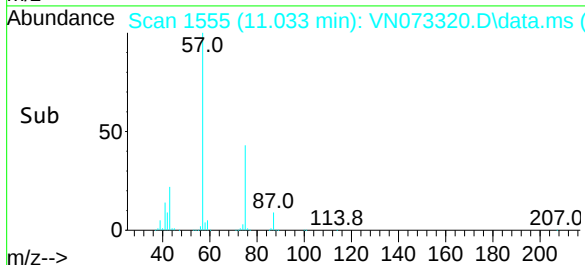
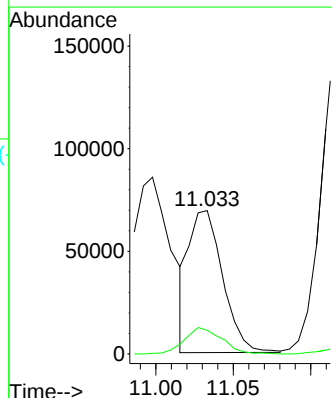
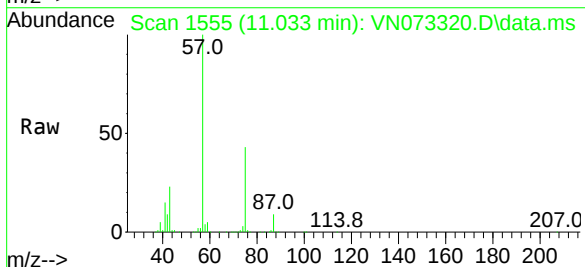
Acq: 05 Jul 2022 17:12

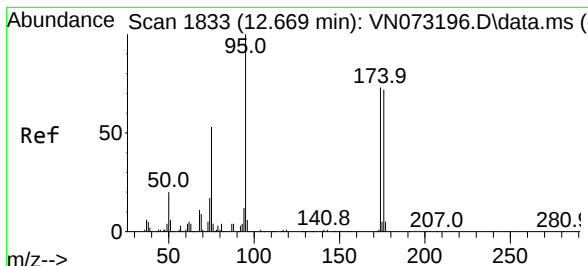
Tgt Ion: 43 Resp: 105254

Ion Ratio Lower Upper

43 100

58 20.5 29.7 89.1#

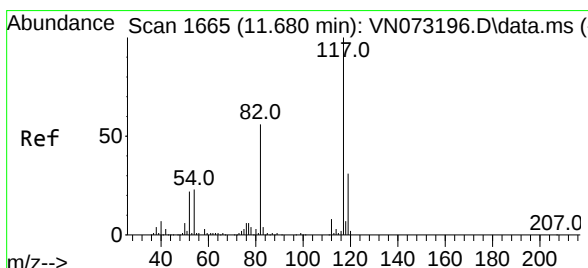
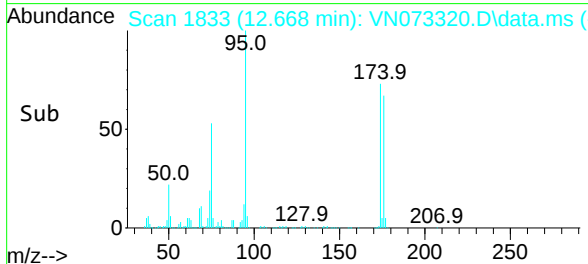
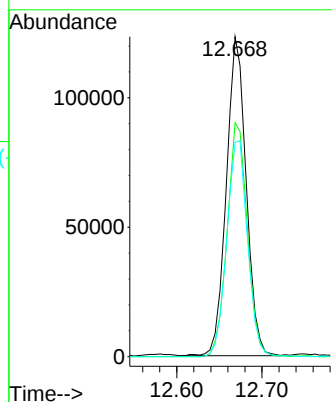
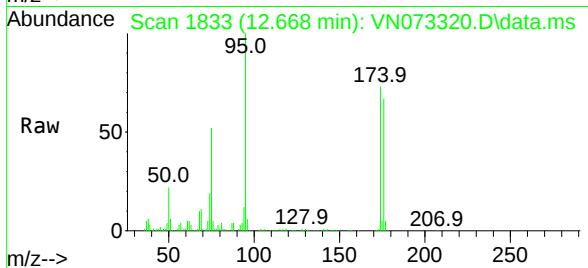




#62
4-Bromofluorobenzene
Concen: 49.081 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.001 min
Lab File: VN073320.D
Acq: 05 Jul 2022 17:12

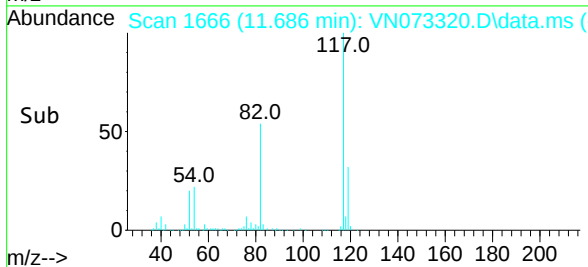
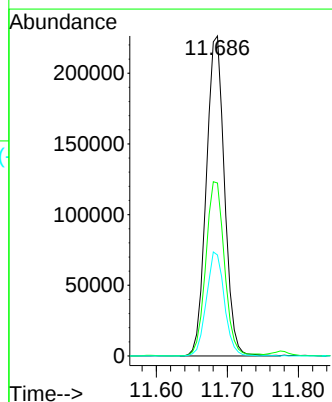
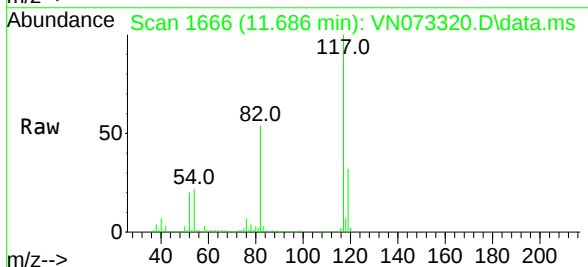
Instrument :
MSVOA_N
ClientSampleId :

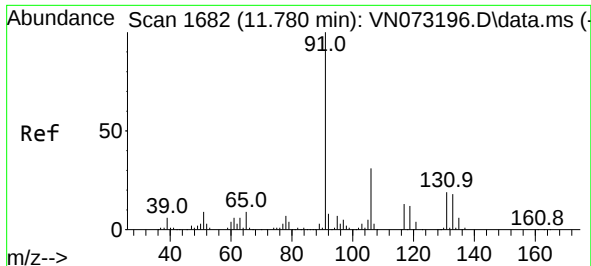
Tgt Ion: 95 Resp: 199185
Ion Ratio Lower Upper
95 100
174 74.9 0.0 167.6
176 71.0 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.006 min
Lab File: VN073320.D
Acq: 05 Jul 2022 17:12

Tgt Ion: 117 Resp: 403024
Ion Ratio Lower Upper
117 100
82 54.0 44.2 66.2
119 31.6 25.4 38.0





#67

Ethyl Benzene

Concen: 0.219 ug/l

RT: 11.786 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN073320.D

Acq: 05 Jul 2022 17:12

Instrument :

MSVOA_N

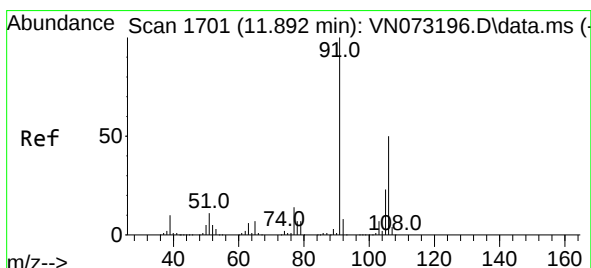
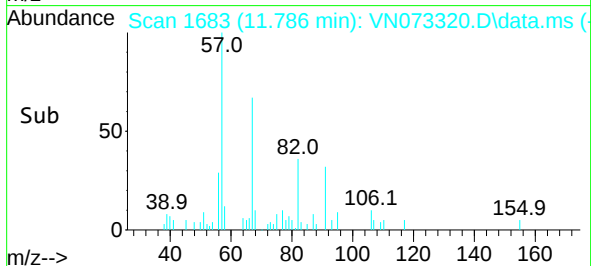
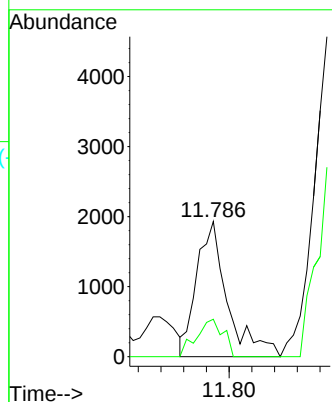
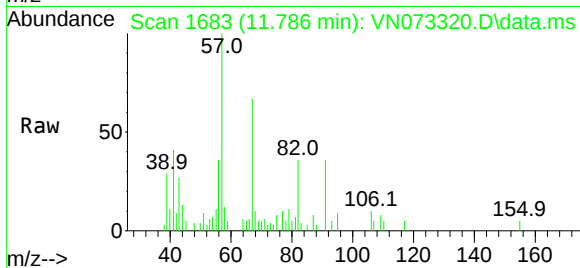
ClientSampleId :

Tgt Ion: 91 Resp: 3617

Ion Ratio Lower Upper

91 100

106 27.7 24.9 37.3



#68

m/p-Xylenes

Concen: 0.747 ug/l

RT: 11.892 min Scan# 1701

Delta R.T. -0.000 min

Lab File: VN073320.D

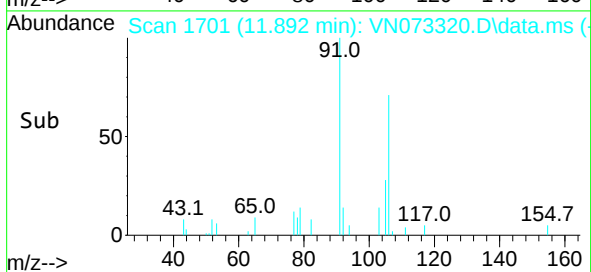
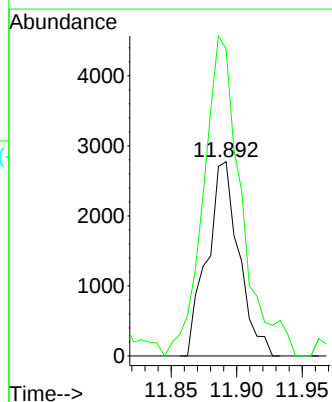
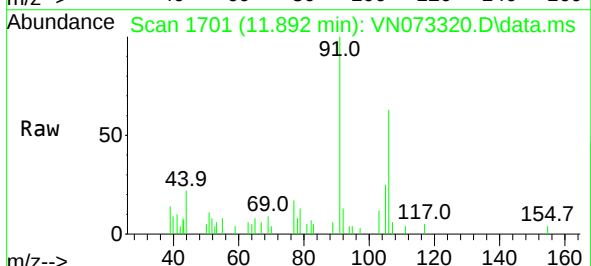
Acq: 05 Jul 2022 17:12

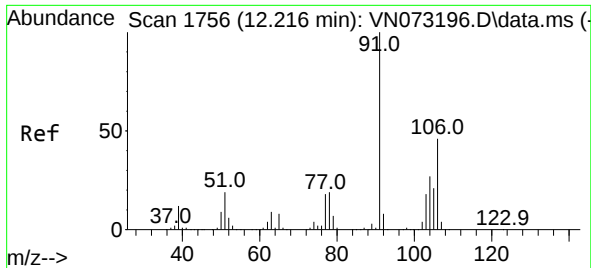
Tgt Ion: 106 Resp: 4666

Ion Ratio Lower Upper

106 100

91 196.5 158.9 238.3

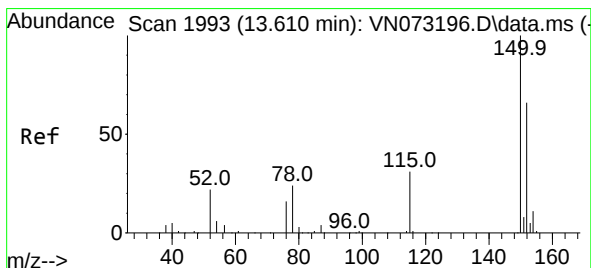
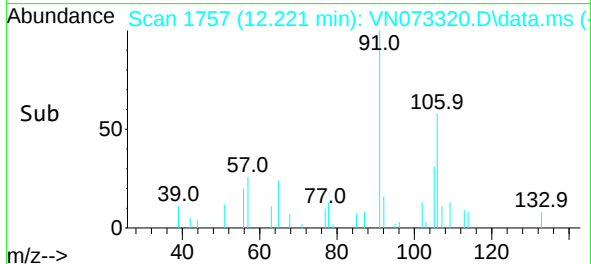
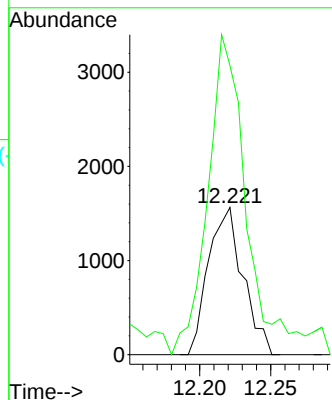
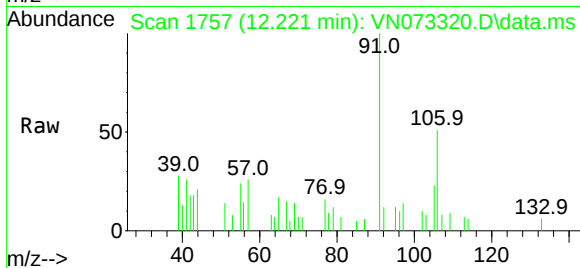




#69
o-Xylene
Concen: 0.415 ug/l
RT: 12.221 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN073320.D
Acq: 05 Jul 2022 17:12

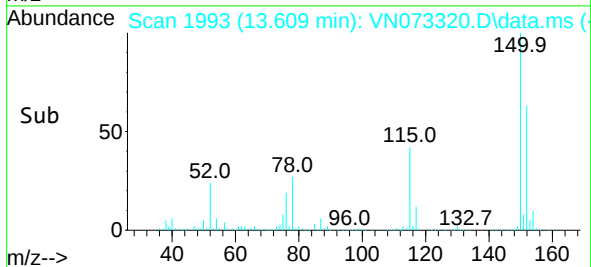
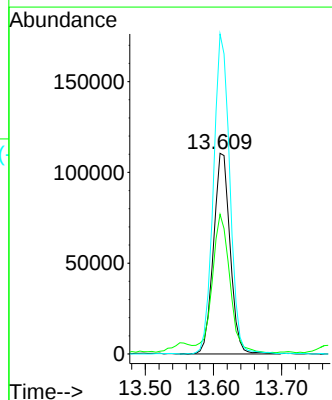
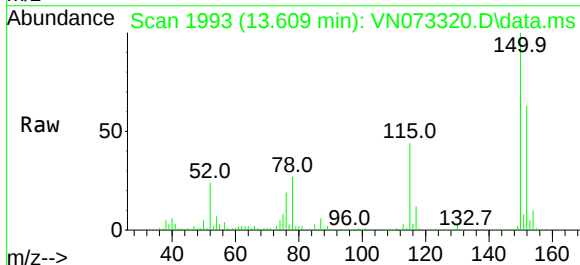
Instrument :
MSVOA_N
ClientSampleId :

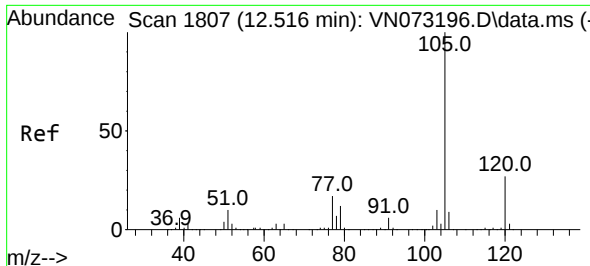
Tgt Ion:106 Resp: 2648
Ion Ratio Lower Upper
106 100
91 240.7 106.0 318.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.609 min Scan# 1993
Delta R.T. -0.001 min
Lab File: VN073320.D
Acq: 05 Jul 2022 17:12

Tgt Ion:152 Resp: 187563
Ion Ratio Lower Upper
152 100
115 73.2 28.9 86.7
150 157.3 0.0 356.2

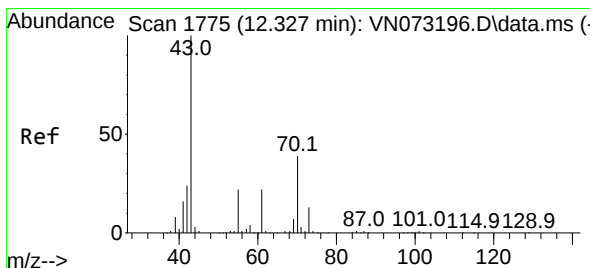
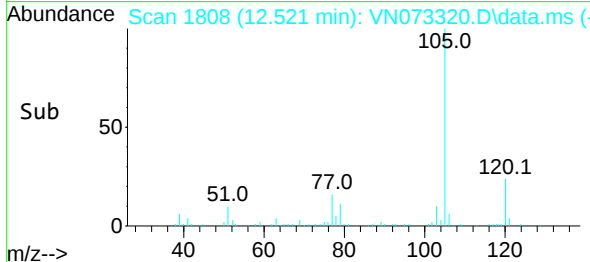
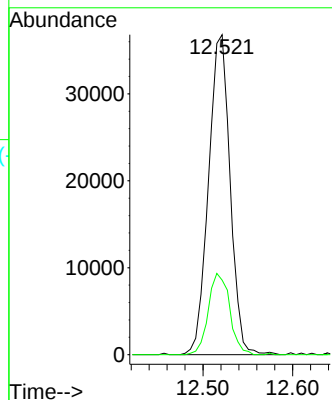
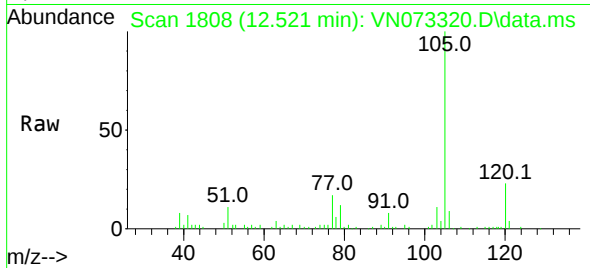




#73
Isopropylbenzene
Concen: 3.799 ug/l
RT: 12.521 min Scan# 1807
Delta R.T. 0.005 min
Lab File: VN073320.D
Acq: 05 Jul 2022 17:12

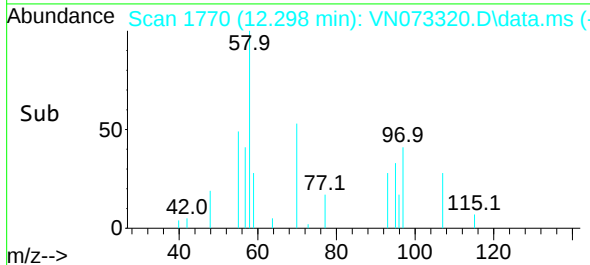
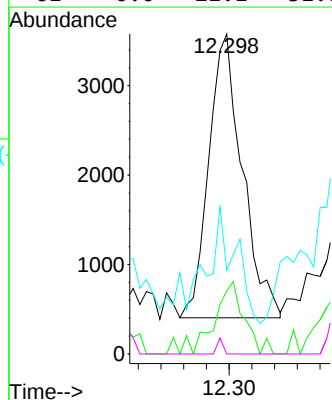
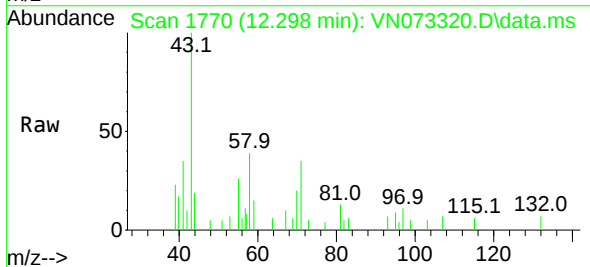
Instrument :
MSVOA_N
ClientSampleId :

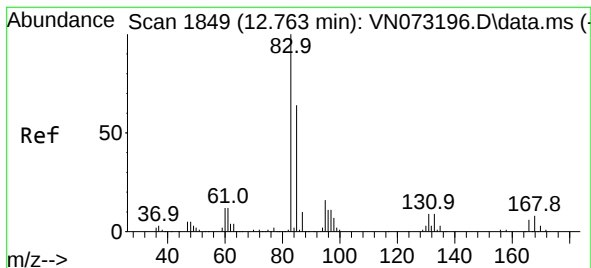
Tgt Ion:105 Resp: 61531
Ion Ratio Lower Upper
105 100
120 25.2 13.5 40.4



#74
N-amy1 acetate
Concen: 0.803 ug/l
RT: 12.298 min Scan# 1770
Delta R.T. -0.029 min
Lab File: VN073320.D
Acq: 05 Jul 2022 17:12

Tgt Ion: 43 Resp: 6513
Ion Ratio Lower Upper
43 100
70 23.0 39.0 58.4#
55 34.2 21.1 31.7#
61 0.0 21.1 31.7#





#75

1,1,2,2-Tetrachloroethane

Concen: 0.303 ug/l

RT: 12.757 min Scan# 1848

Delta R.T. -0.006 min

Lab File: VN073320.D

Acq: 05 Jul 2022 17:12

Instrument :

MSVOA_N

ClientSampleId :

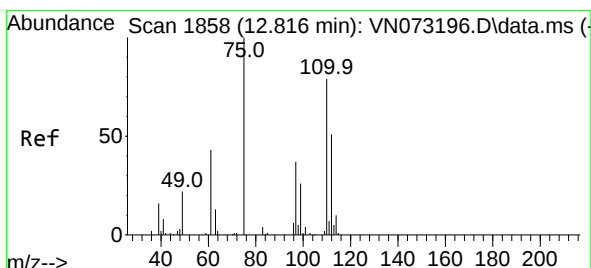
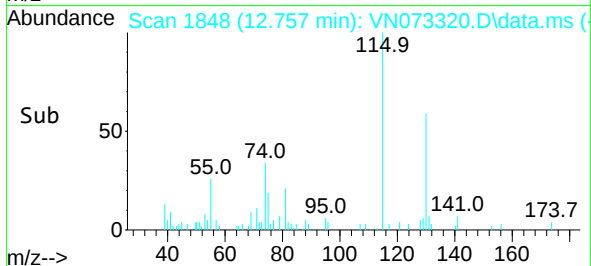
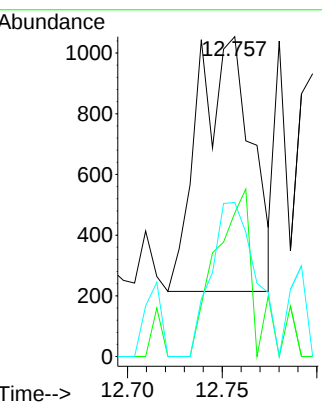
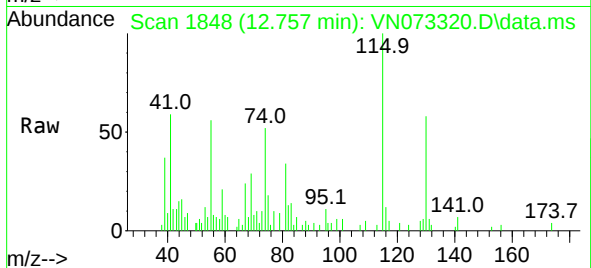
Tgt Ion: 83 Resp: 1629

Ion Ratio Lower Upper

83 100

131 49.4 5.3 15.9#

85 50.7 32.3 96.9



#76

1,2,3-Trichloropropane

Concen: 21.586 ug/l

RT: 12.668 min Scan# 1833

Delta R.T. -0.148 min

Lab File: VN073320.D

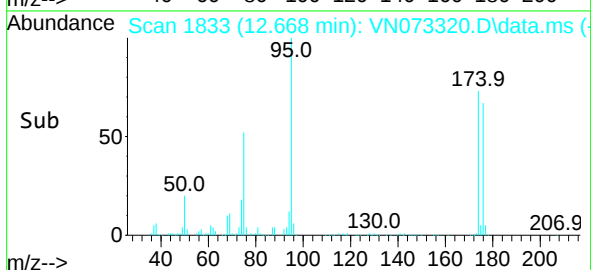
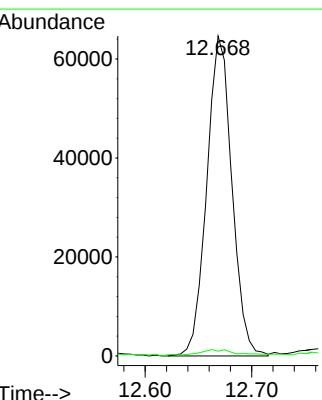
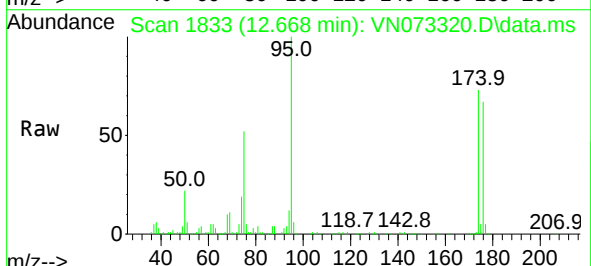
Acq: 05 Jul 2022 17:12

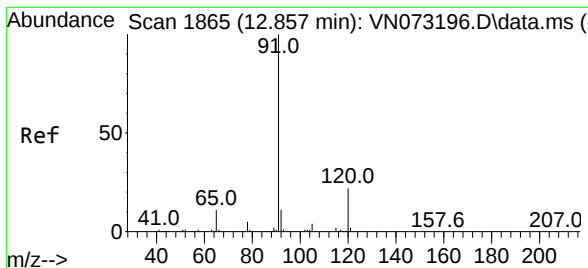
Tgt Ion: 75 Resp: 105868

Ion Ratio Lower Upper

75 100

77 3.3 98.5 295.5#





#78

n-propylbenzene

Concen: 2.760 ug/l

RT: 12.862 min Scan# 1866

Delta R.T. 0.005 min

Lab File: VN073320.D

Acq: 05 Jul 2022 17:12

Instrument :

MSVOA_N

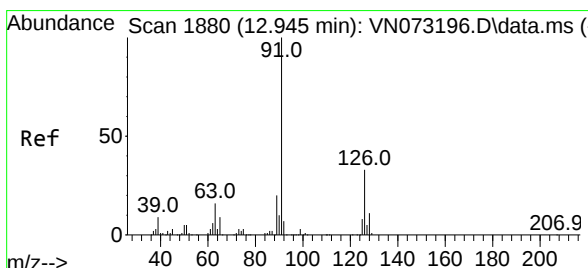
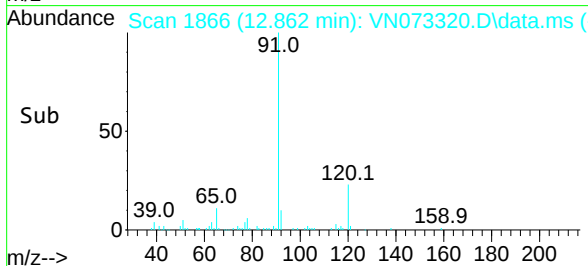
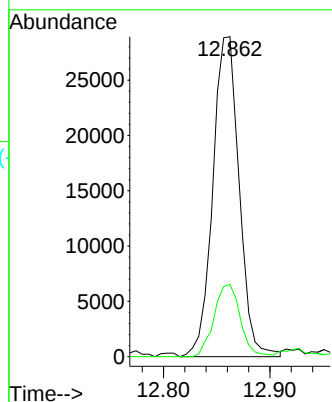
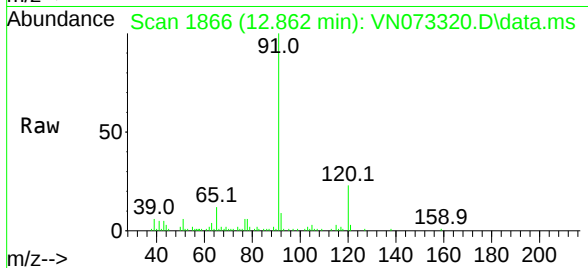
ClientSampleId :

Tgt Ion: 91 Resp: 49666

Ion Ratio Lower Upper

91 100

120 22.5 11.9 35.5



#79

2-Chlorotoluene

Concen: 4.361 ug/l

RT: 12.862 min Scan# 1866

Delta R.T. -0.083 min

Lab File: VN073320.D

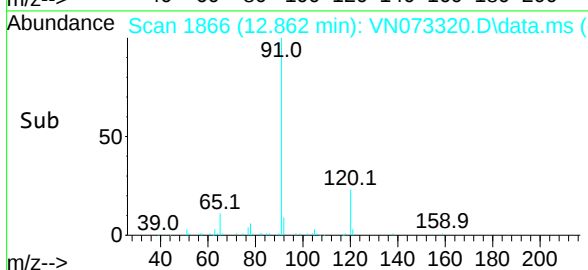
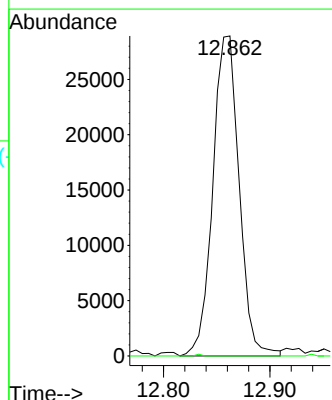
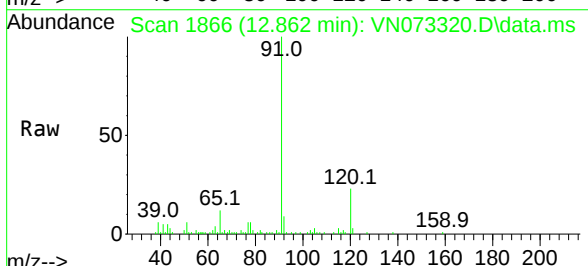
Acq: 05 Jul 2022 17:12

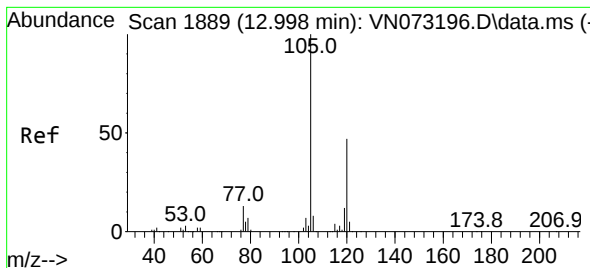
Tgt Ion: 91 Resp: 49666

Ion Ratio Lower Upper

91 100

126 0.0 17.3 51.9#





#80

1,3,5-Trimethylbenzene

Concen: 0.573 ug/l

RT: 12.998 min Scan# 1889

Delta R.T. -0.000 min

Lab File: VN073320.D

Acq: 05 Jul 2022 17:12

Instrument :

MSVOA_N

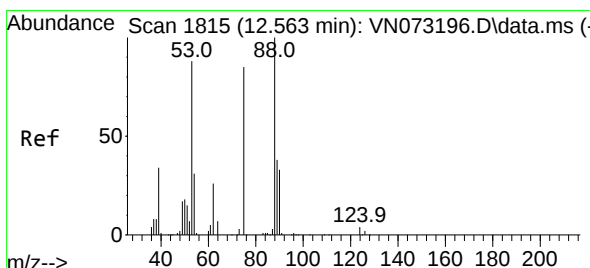
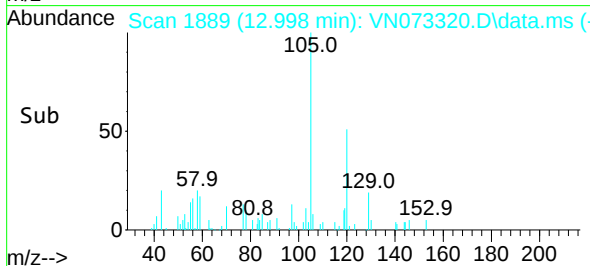
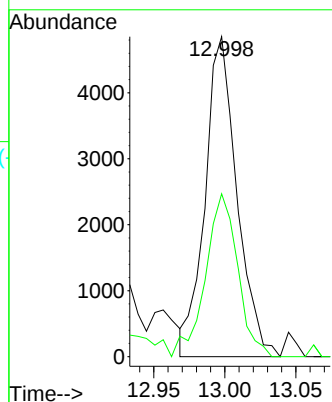
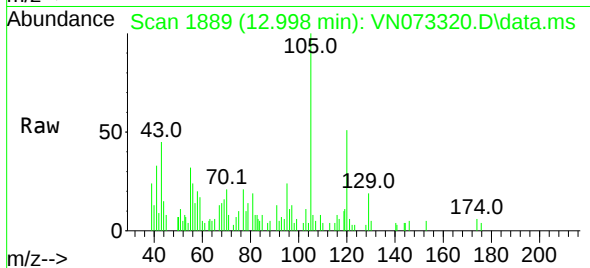
ClientSampleId :

Tgt Ion:105 Resp: 7570

Ion Ratio Lower Upper

105 100

120 51.3 24.9 74.7



#81

trans-1,4-Dichloro-2-butene

Concen: 59.200 ug/l

RT: 12.668 min Scan# 1833

Delta R.T. 0.105 min

Lab File: VN073320.D

Acq: 05 Jul 2022 17:12

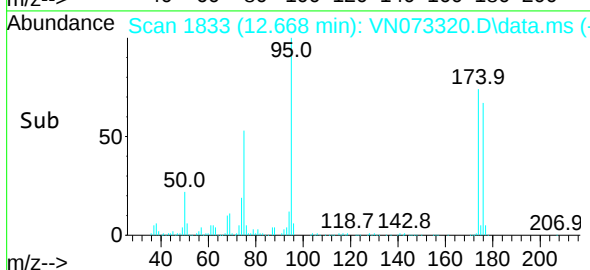
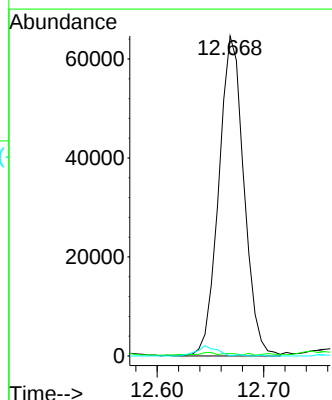
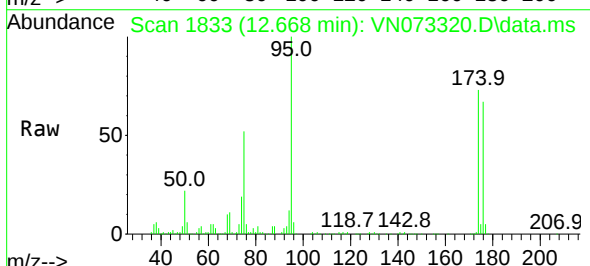
Tgt Ion: 75 Resp: 105868

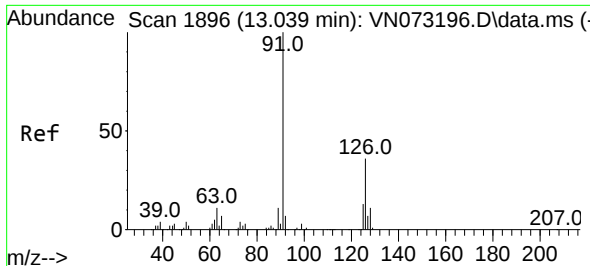
Ion Ratio Lower Upper

75 100

53 0.0 78.0 117.0#

89 0.0 37.2 55.8#

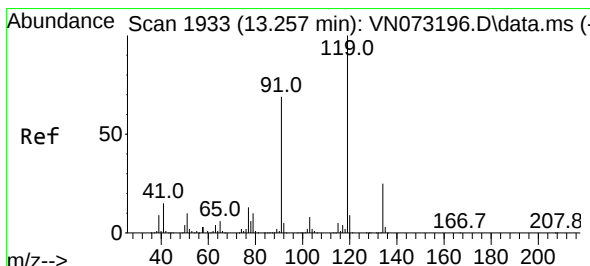
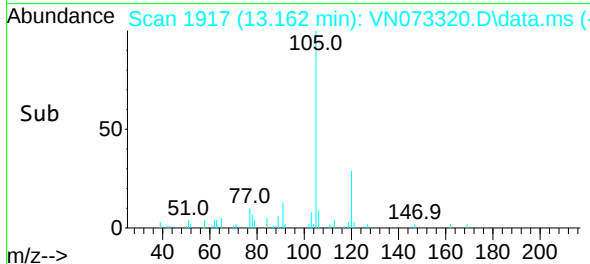
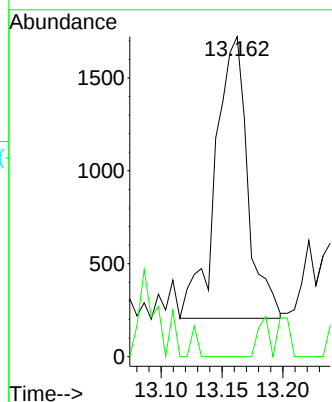
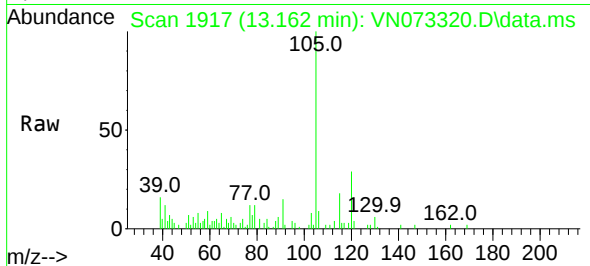




#82
4-Chlorotoluene
Concen: 0.253 ug/l
RT: 13.162 min Scan# 1917
Delta R.T. 0.123 min
Lab File: VN073320.D
Acq: 05 Jul 2022 17:12

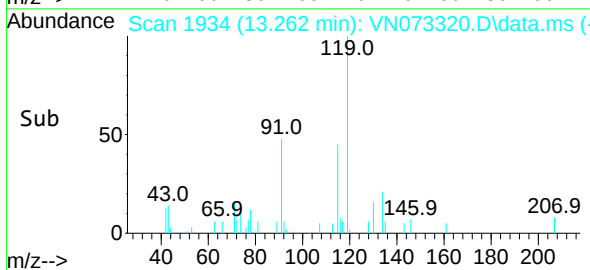
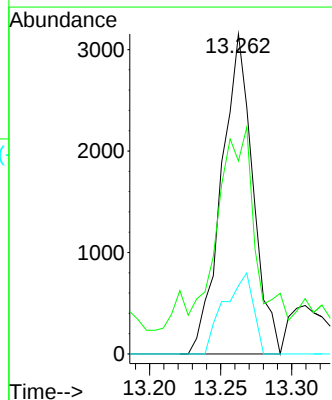
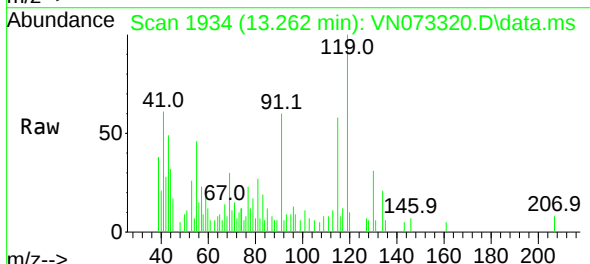
Instrument :
MSVOA_N
ClientSampleId :

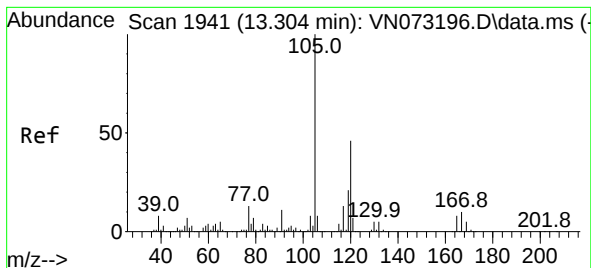
Tgt Ion: 91 Resp: 2791
Ion Ratio Lower Upper
91 100
126 0.0 17.2 51.6#



#83
tert-Butylbenzene
Concen: 0.408 ug/l
RT: 13.262 min Scan# 1934
Delta R.T. 0.005 min
Lab File: VN073320.D
Acq: 05 Jul 2022 17:12

Tgt Ion: 119 Resp: 4831
Ion Ratio Lower Upper
119 100
91 72.2 31.6 94.8
134 23.4 13.7 41.1





#84

1,2,4-Trimethylbenzene

Concen: 0.349 ug/l

RT: 13.310 min Scan# 1942

Delta R.T. 0.005 min

Lab File: VN073320.D

Acq: 05 Jul 2022 17:12

Instrument :

MSVOA_N

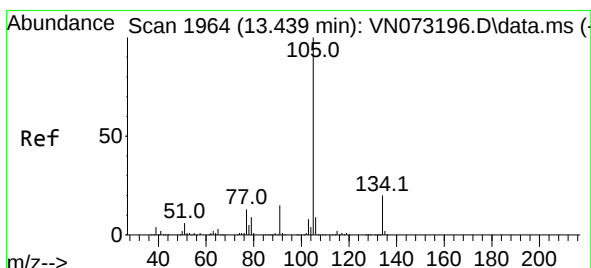
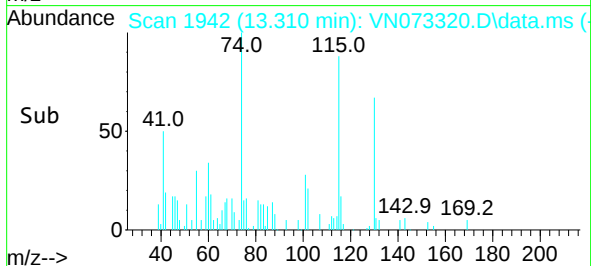
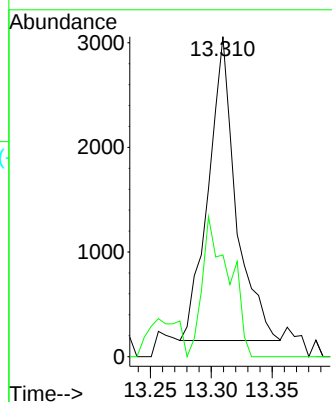
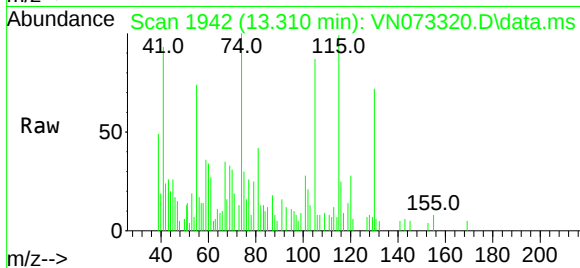
ClientSampleId :

Tgt Ion:105 Resp: 4601

Ion Ratio Lower Upper

105 100

120 44.8 23.3 69.8



#85

sec-Butylbenzene

Concen: 1.610 ug/l

RT: 13.439 min Scan# 1964

Delta R.T. -0.000 min

Lab File: VN073320.D

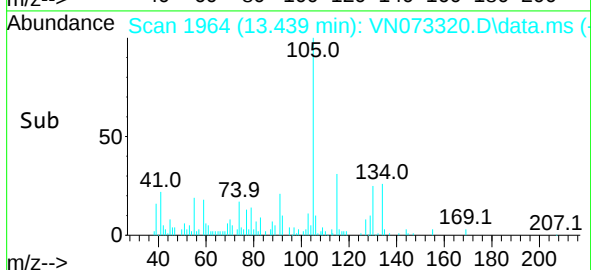
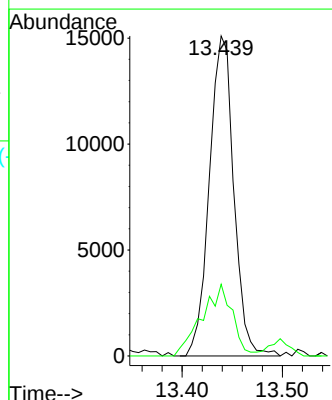
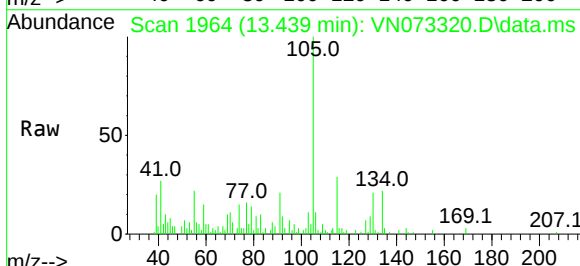
Acq: 05 Jul 2022 17:12

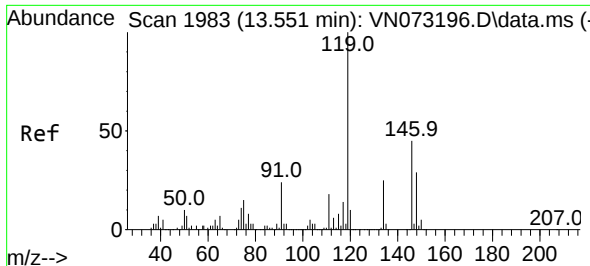
Tgt Ion:105 Resp: 25589

Ion Ratio Lower Upper

105 100

134 28.0 10.4 31.1

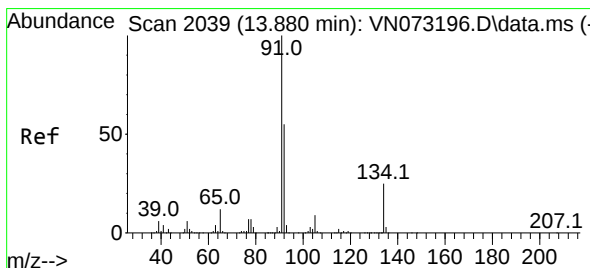
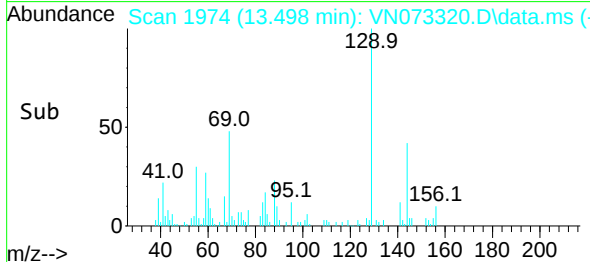
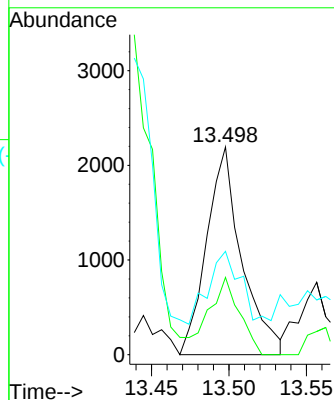
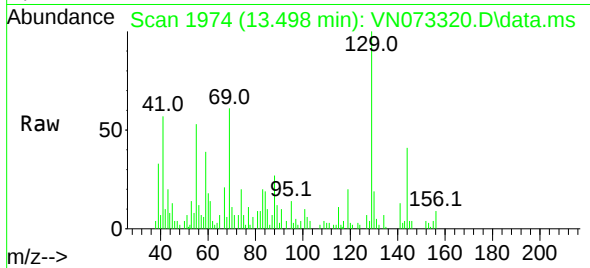




#86
p-Isopropyltoluene
Concen: 0.269 ug/l
RT: 13.498 min Scan# 1983
Delta R.T. -0.053 min
Lab File: VN073320.D
Acq: 05 Jul 2022 17:12

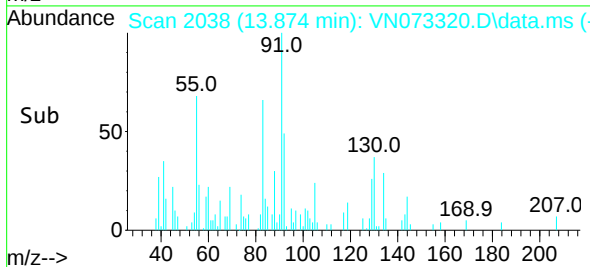
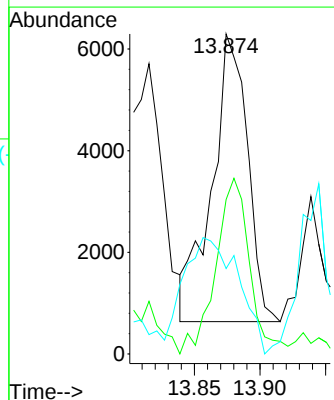
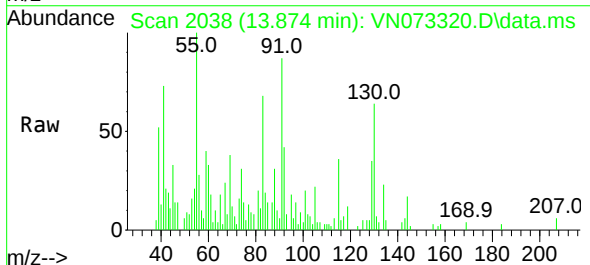
Instrument :
MSVOA_N
ClientSampleId :

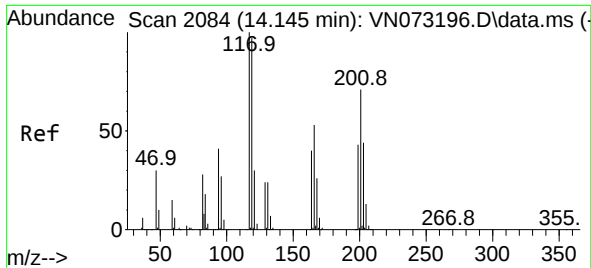
Tgt Ion:119	Resp:	3456
Ion Ratio	Lower	Upper
119	100	
134	31.9	13.3 39.8
91	32.5	11.3 33.9



#89
n-Butylbenzene
Concen: 0.998 ug/l
RT: 13.874 min Scan# 2038
Delta R.T. -0.006 min
Lab File: VN073320.D
Acq: 05 Jul 2022 17:12

Tgt Ion: 91	Resp:	10675
Ion Ratio	Lower	Upper
91	100	
92	58.0	26.9 80.7
134	0.0	13.6 40.8#

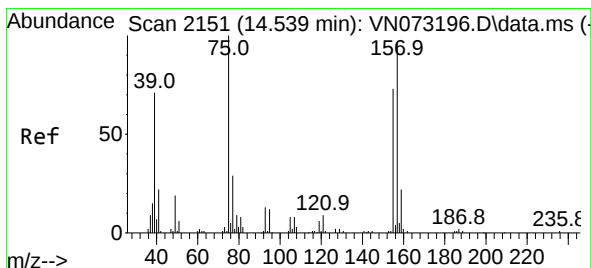
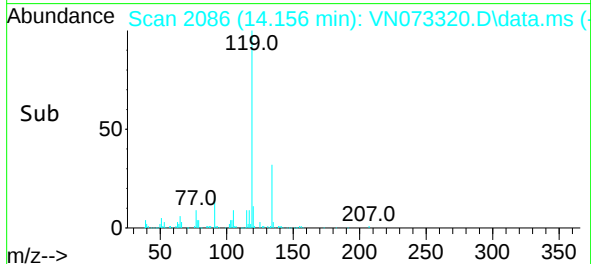
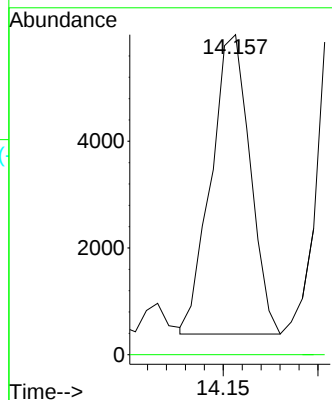
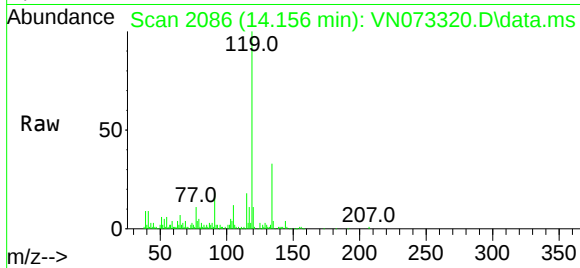




#90
Hexachloroethane
Concen: 3.349 ug/l
RT: 14.156 min Scan# 2086
Delta R.T. 0.011 min
Lab File: VN073320.D
Acq: 05 Jul 2022 17:12

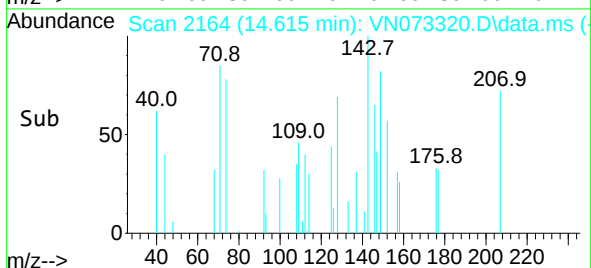
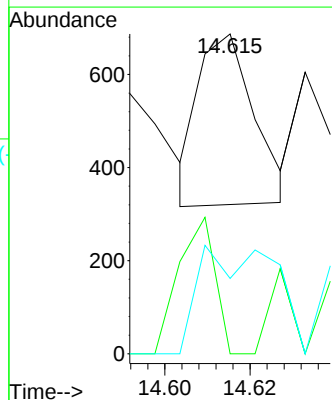
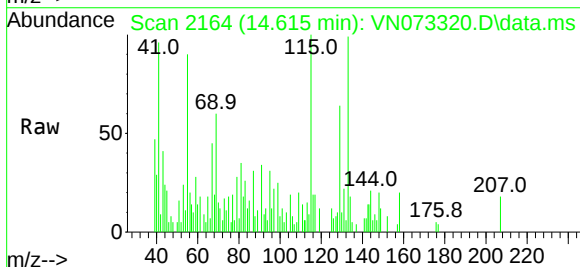
Instrument :
MSVOA_N
ClientSampleId :

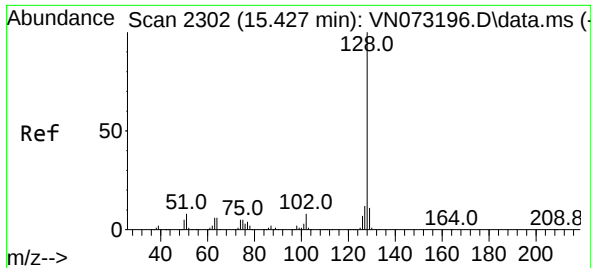
Tgt Ion:117 Resp: 8012
Ion Ratio Lower Upper
117 100
201 0.0 40.6 122.0#



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.256 ug/l
RT: 14.615 min Scan# 2164
Delta R.T. 0.076 min
Lab File: VN073320.D
Acq: 05 Jul 2022 17:12

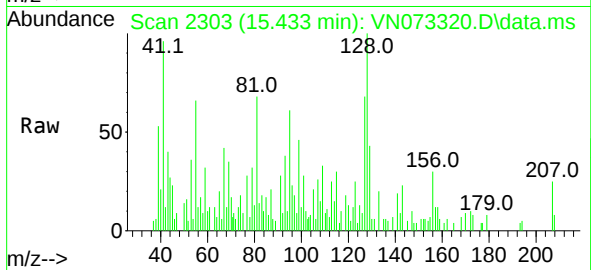
Tgt Ion: 75 Resp: 334
Ion Ratio Lower Upper
75 100
155 51.8 44.9 134.5
157 85.6 59.0 176.8





#95
Naphthalene
Concen: 0.362 ug/l
RT: 15.433 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN073320.D
Acq: 05 Jul 2022 17:12

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:128 Resp: 5235
Ion Ratio Lower Upper
128 100
127 103.4 10.3 15.5#
129 34.8 8.6 13.0#

