

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052422\
 Data File : VN072611.D
 Acq On : 25 May 2022 01:20
 Operator : JC\MD
 Sample : N2968-12
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DUP-051922

Quant Time: May 25 09:25:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N052422W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 25 09:15:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.080	168	141476	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	246507	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	284829	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	185273	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	91082	56.597	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 113.200%	
35) Dibromofluoromethane	8.016	113	73424	45.957	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 91.920%	
50) Toluene-d8	10.439	98	463670	76.005	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 152.020%#	
62) 4-Bromofluorobenzene	12.727	95	126288	63.649	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 127.300%	

Target Compounds			Qvalue			
3) Chloromethane	2.293	50	504	Below Cal	#	43
6) Chloroethane	3.093	64	614	Below Cal	#	42
11) Tert butyl alcohol	5.357	59	245483	810.062	ug/l	99
13) Acrolein	3.981	56	7846	45.684	ug/l #	1
14) Allyl chloride	4.951	41	22201	9.568	ug/l #	2
15) Acrylonitrile	5.610	53	3198	3.319	ug/l #	25
16) Acetone	4.287	43	8926	11.284	ug/l #	83
18) Methyl Acetate	4.922	43	4991	1.844	ug/l #	48
19) Methyl tert-butyl Ether	5.610	73	105313	23.879	ug/l #	7
20) Methylene Chloride	4.939	84	2634	1.445	ug/l #	1
22) Diisopropyl ether	6.492	45	24582	4.985	ug/l #	94
23) Vinyl Acetate	6.381	43	2371	0.566	ug/l #	68
25) 2-Butanone	7.339	43	3691	2.765	ug/l #	78
26) 2,2-Dichloropropane	7.145	77	1732	0.846	ug/l #	53
30) Chloroform	7.780	83	2748	0.983	ug/l #	18
31) Cyclohexane	8.092	56	119797	46.993	ug/l	92
36) 1,1-Dichloropropene	8.080	75	10637	4.706	ug/l #	48
37) Ethyl Acetate	7.339	43	3691	1.249	ug/l #	67
38) Carbon Tetrachloride	8.086	117	13818	5.791	ug/l #	16
39) Methylcyclohexane	9.457	83	61787	22.184	ug/l	94
40) Benzene	8.457	78	4935060	676.607	ug/l	99
41) Methacrylonitrile	7.657	41	1057	0.711	ug/l #	36
42) 1,2-Dichloroethane	8.457	62	42951	18.175	ug/l	78
43) Isopropyl Acetate	8.527	43	16229	3.873	ug/l #	53
45) 1,2-Dichloropropane	9.445	63	504	0.266	ug/l #	18
47) Bromodichloromethane	9.633	83	984	0.400	ug/l #	26
48) Methyl methacrylate	9.639	41	7431	3.646	ug/l #	78
51) 4-Methyl-2-Pentanone	10.327	43	2071	0.722	ug/l	89
52) Toluene	10.504	92	282776	61.221	ug/l	99
53) t-1,3-Dichloropropene	10.504	75	3018	1.199	ug/l #	1
55) 1,1,2-Trichloroethane	10.874	97	4573	2.386	ug/l #	19
56) Ethyl methacrylate	10.774	69	1458	0.494	ug/l #	25
59) 2-Hexanone	11.121	43	2713	1.334	ug/l	88
67) Ethyl Benzene	11.839	91	3995424	368.299	ug/l	99
68) m/p-Xylenes	11.951	106	1644566	397.720	ug/l	98
69) o-Xylene	12.274	106	780373	195.228	ug/l	97

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 Response via : Initial Calibration

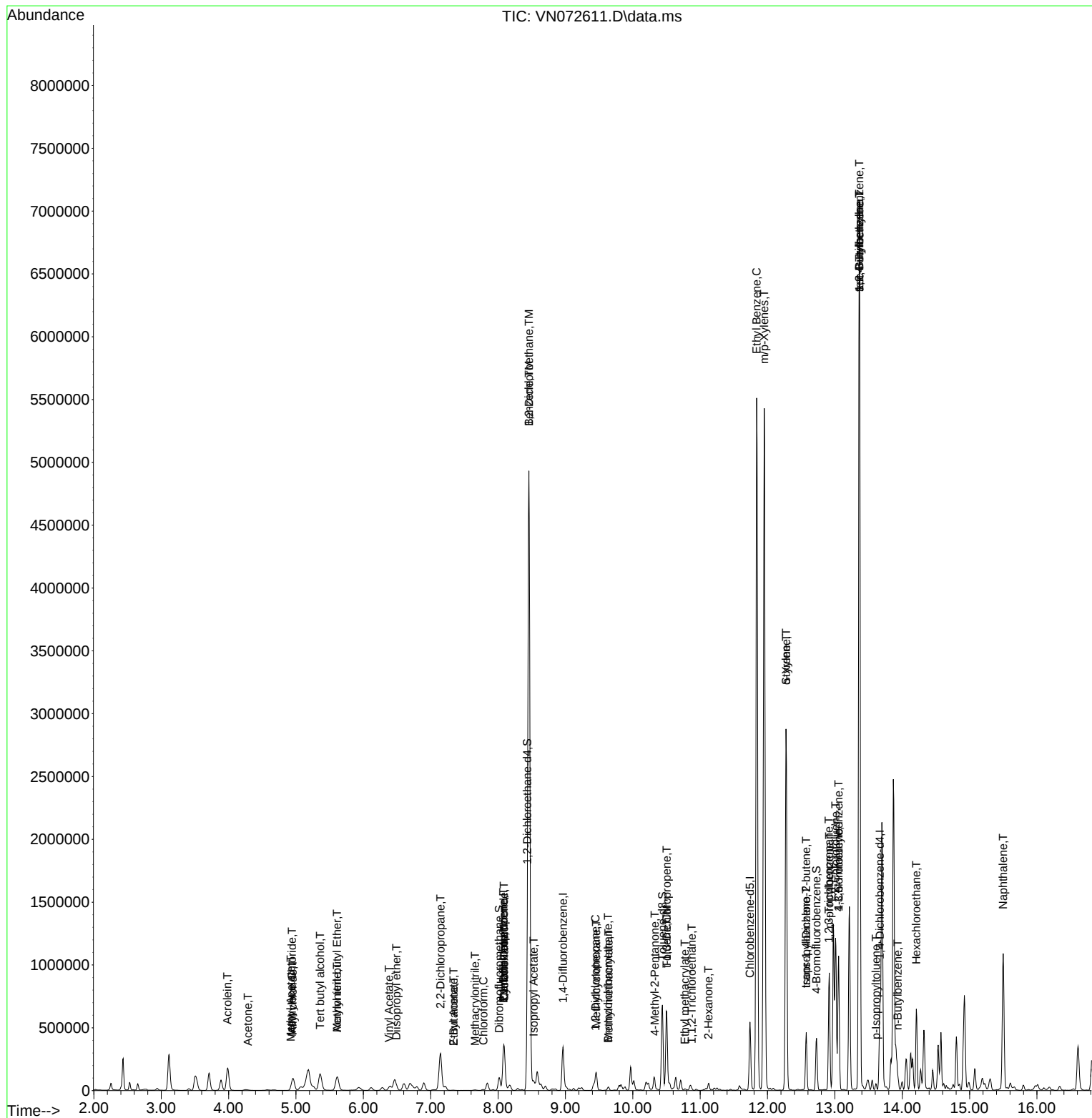
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
70) Styrene	12.274	104	41469	6.411	ug/l	#	1
73) Isopropylbenzene	12.574	105	278397	16.869	ug/l		99
76) 1,2,3-Trichloropropane	12.910	75	4323	0.859	ug/l	#	1
78) n-propylbenzene	12.915	91	734471	40.136	ug/l		97
79) 2-Chlorotoluene	13.010	91	80437	7.115	ug/l	#	40
80) 1,3,5-Trimethylbenzene	13.057	105	566357	44.120	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.574	75	3565	2.080	ug/l	#	60
82) 4-Chlorotoluene	13.057	91	59021	5.709	ug/l	#	40
83) tert-Butylbenzene	13.362	119	511381	42.779	ug/l	#	68
84) 1,2,4-Trimethylbenzene	13.362	105	4081594	324.244	ug/l		99
85) sec-Butylbenzene	13.362	105	4081594	255.325	ug/l	#	56
86) p-Isopropyltoluene	13.610	119	24235	1.923	ug/l	#	78
89) n-Butylbenzene	13.933	91	52454	5.158	ug/l	#	81
90) Hexachloroethane	14.209	117	31105	12.483	ug/l	#	9
95) Naphthalene	15.498	128	980039	84.997	ug/l		99

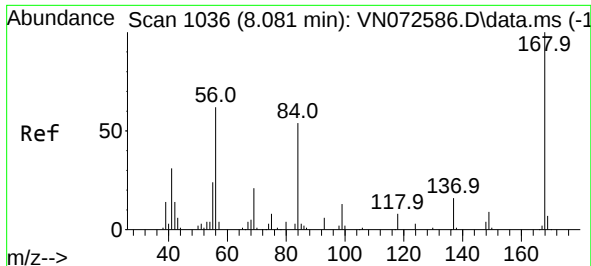
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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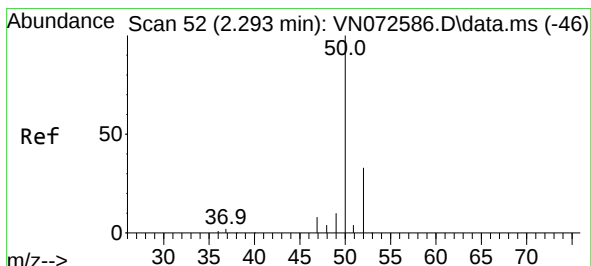
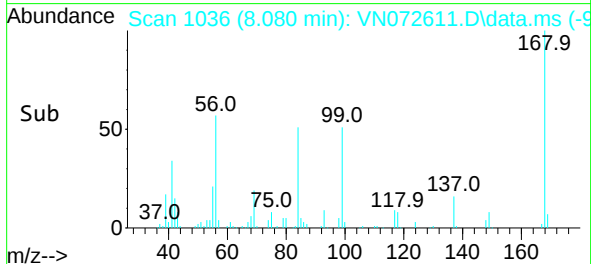
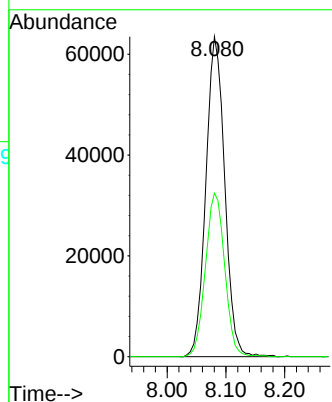
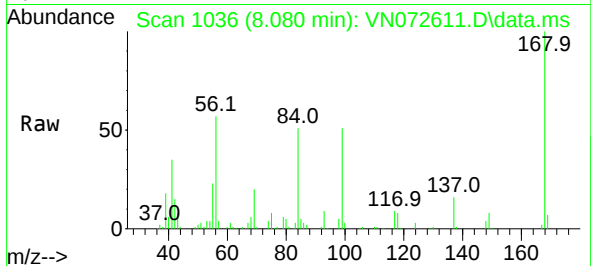




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.080 min Scan# 1036
Delta R.T. -0.001 min
Lab File: VN072611.D
Acq: 25 May 2022 01:20

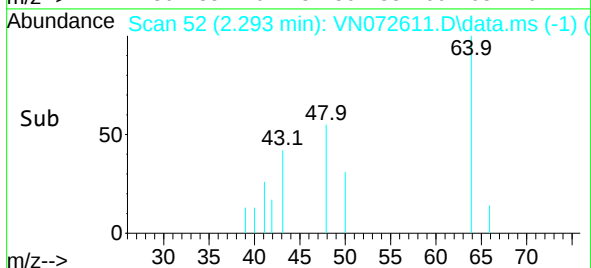
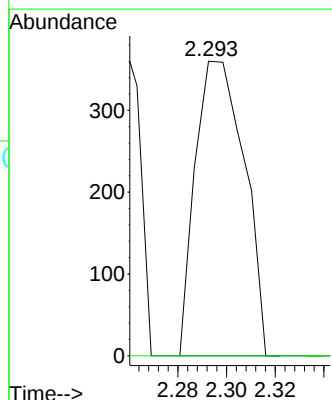
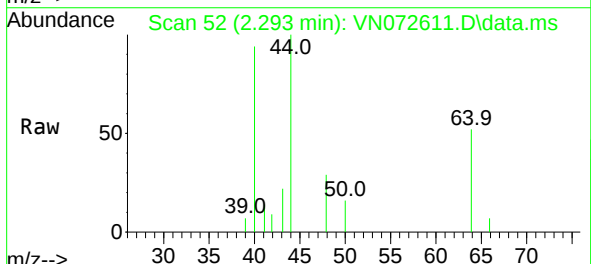
Instrument :
MSVOA_N
ClientSampleId :
DUP-051922

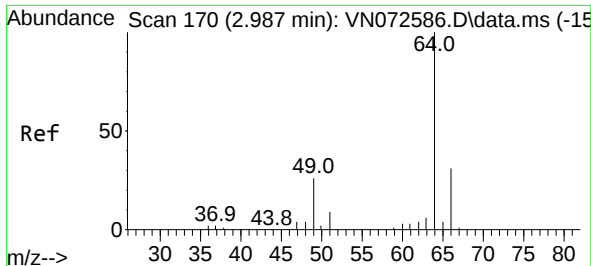
Tgt Ion:168 Resp: 141476
Ion Ratio Lower Upper
168 100
99 51.1 42.3 63.5



#3
Chloromethane
Concen: Below Cal
RT: 2.293 min Scan# 52
Delta R.T. -0.000 min
Lab File: VN072611.D
Acq: 25 May 2022 01:20

Tgt Ion: 50 Resp: 504
Ion Ratio Lower Upper
50 100
52 0.0 25.7 38.5#

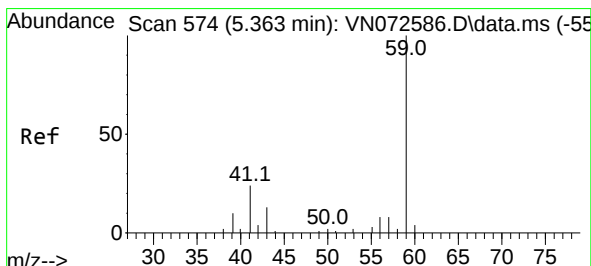
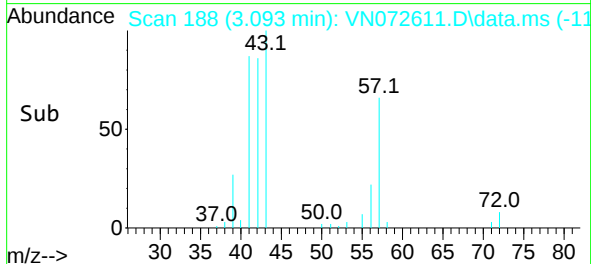
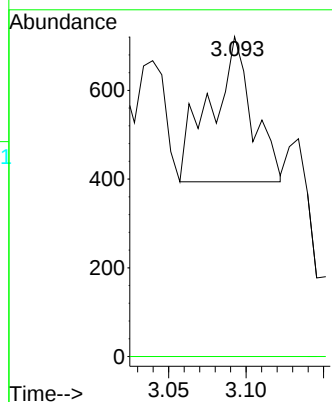
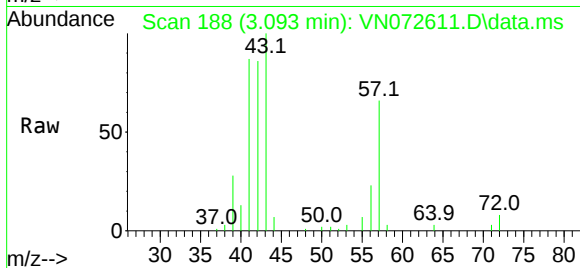




#6
Chloroethane
Concen: Below Cal
RT: 3.093 min Scan# 11
Delta R.T. 0.106 min
Lab File: VN072611.D
Acq: 25 May 2022 01:20

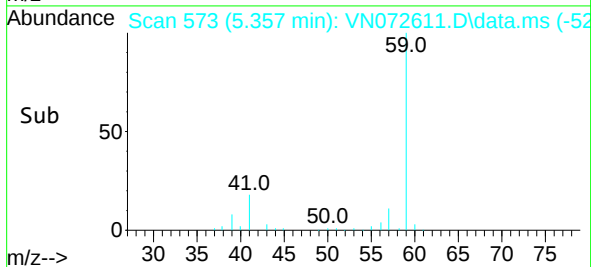
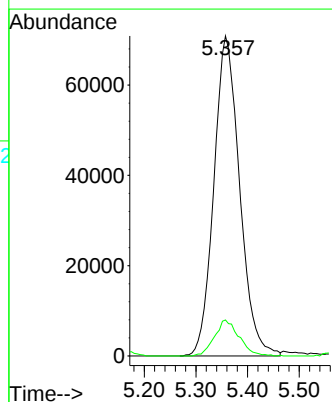
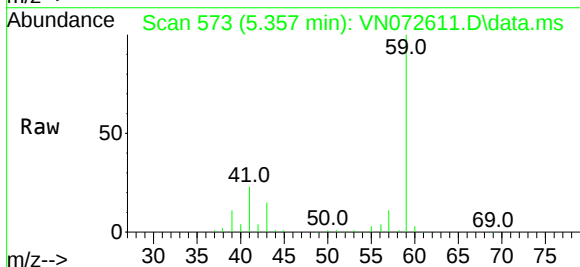
Instrument :
MSVOA_N
ClientSampleId :
DUP-051922

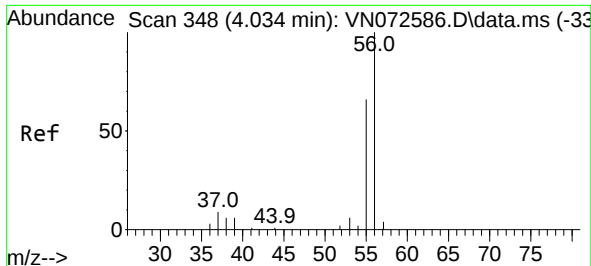
Tgt Ion: 64 Resp: 614
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#



#11
Tert butyl alcohol
Concen: 810.062 ug/l
RT: 5.357 min Scan# 573
Delta R.T. -0.006 min
Lab File: VN072611.D
Acq: 25 May 2022 01:20

Tgt Ion: 59 Resp: 245483
Ion Ratio Lower Upper
59 100
57 10.7 8.3 12.5





#13

Acrolein

Concen: 45.684 ug/l

RT: 3.981 min Scan# 31

Delta R.T. -0.053 min

Lab File: VN072611.D

Acq: 25 May 2022 01:20

Instrument :

MSVOA_N

ClientSampleId :

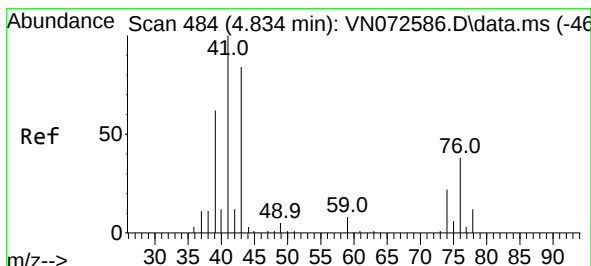
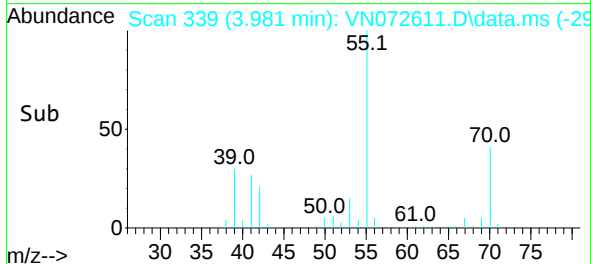
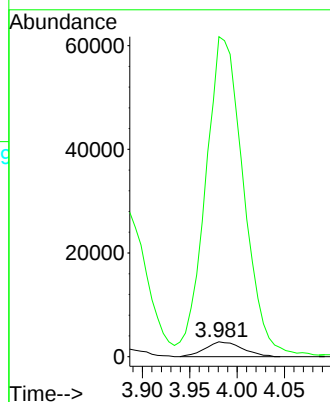
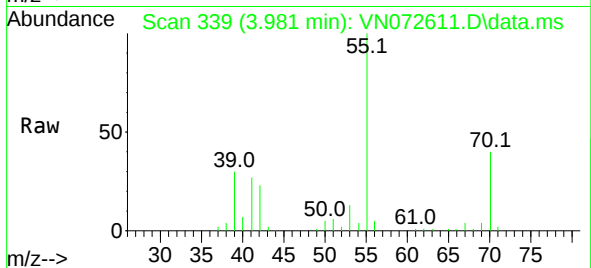
DUP-051922

Tgt Ion: 56 Resp: 7846

Ion Ratio Lower Upper

56 100

55 2187.8 54.8 82.2#



#14

Allyl chloride

Concen: 9.568 ug/l

RT: 4.951 min Scan# 504

Delta R.T. 0.117 min

Lab File: VN072611.D

Acq: 25 May 2022 01:20

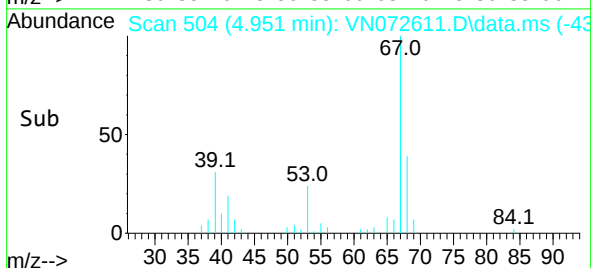
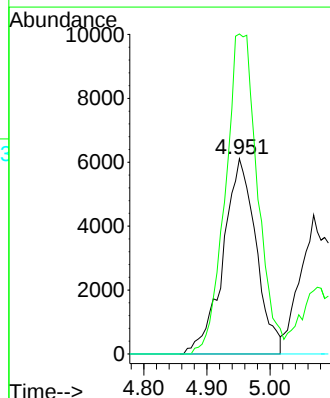
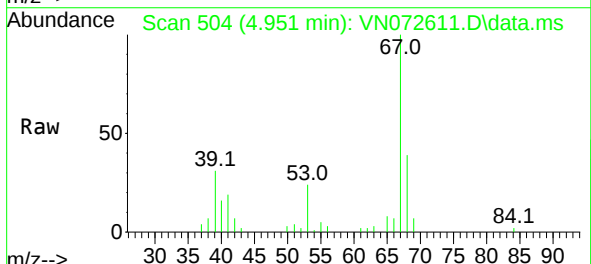
Tgt Ion: 41 Resp: 22201

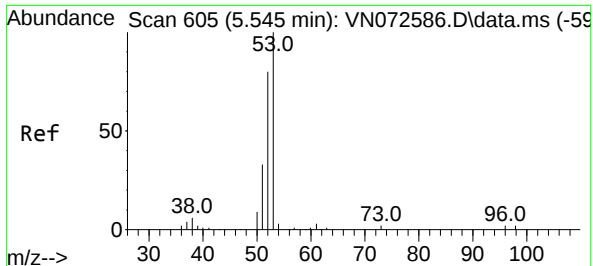
Ion Ratio Lower Upper

41 100

39 160.1 53.2 79.8#

76 0.0 29.9 44.9#





#15

Acrylonitrile

Concen: 3.319 ug/l

RT: 5.610 min Scan# 61

Delta R.T. 0.065 min

Lab File: VN072611.D

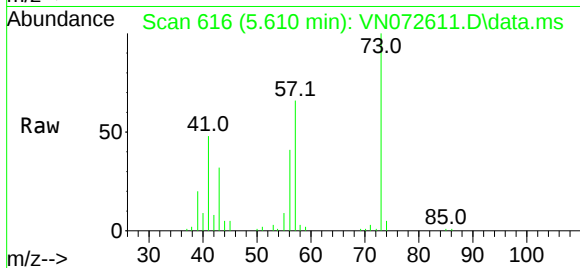
Acq: 25 May 2022 01:20

Instrument :

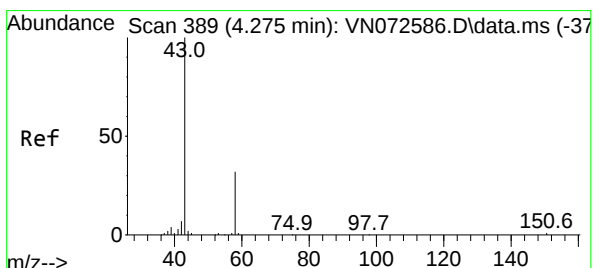
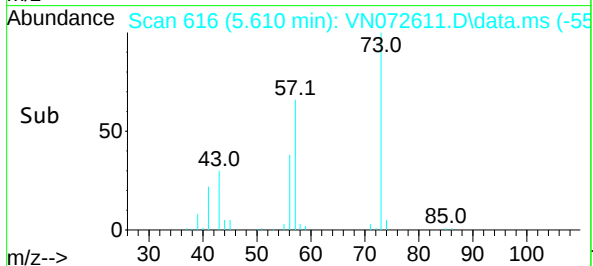
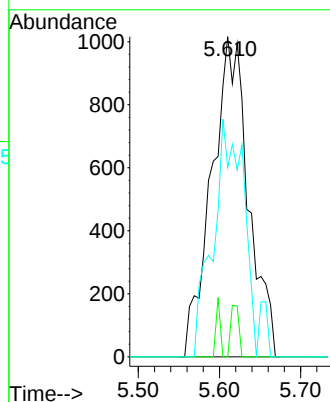
MSVOA_N

ClientSampleId :

DUP-051922



Tgt Ion: 53	Resp: 3198
Ion Ratio	Lower Upper
53	100
52	3.6 66.4 99.6#
51	61.3 28.5 42.7#



#16

Acetone

Concen: 11.284 ug/l

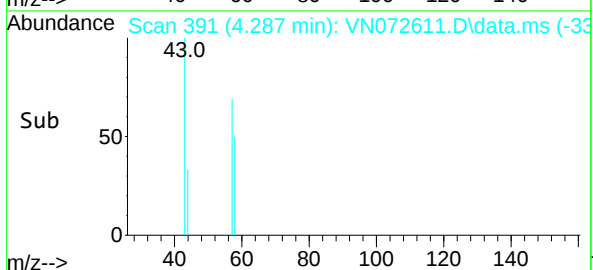
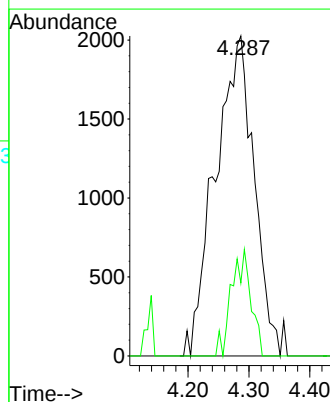
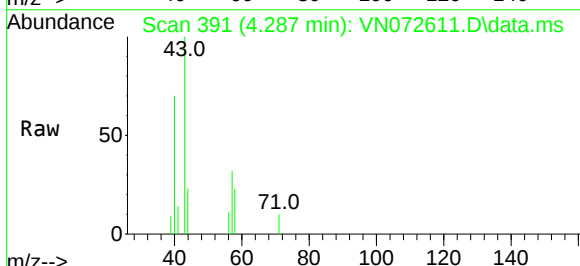
RT: 4.287 min Scan# 391

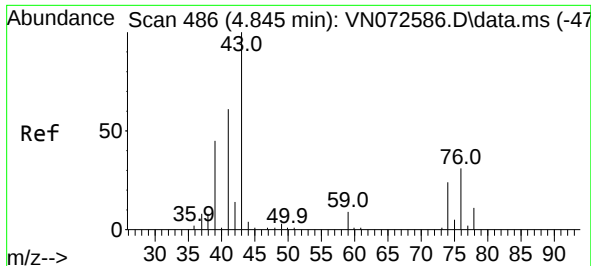
Delta R.T. 0.012 min

Lab File: VN072611.D

Acq: 25 May 2022 01:20

Tgt Ion: 43	Resp: 8926
Ion Ratio	Lower Upper
43	100
58	22.8 26.0 39.0#

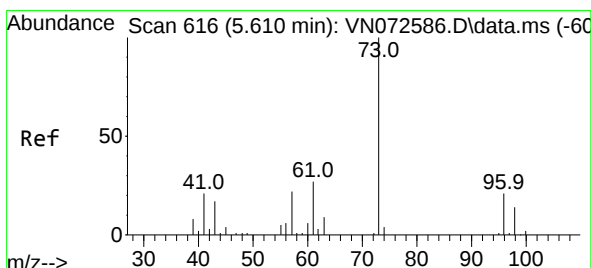
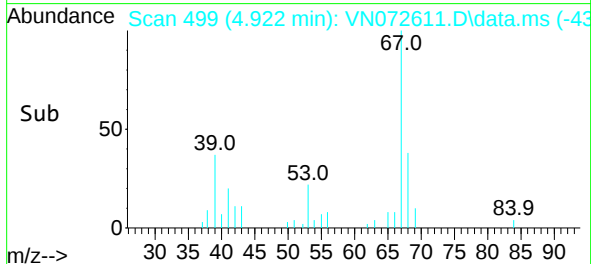
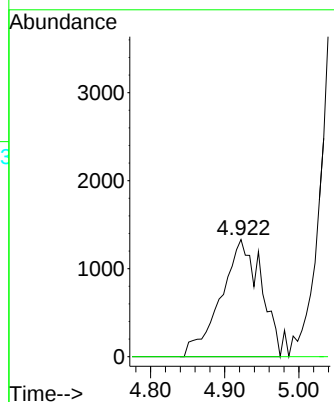
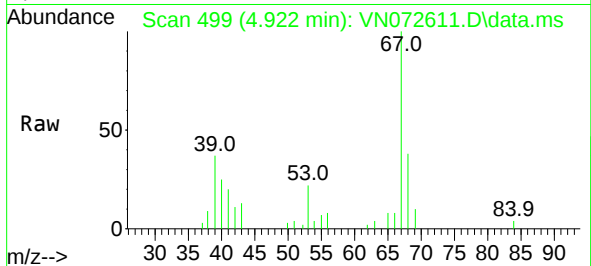




#18
Methyl Acetate
Concen: 1.844 ug/l
RT: 4.922 min Scan# 499
Delta R.T. 0.077 min
Lab File: VN072611.D
Acq: 25 May 2022 01:20

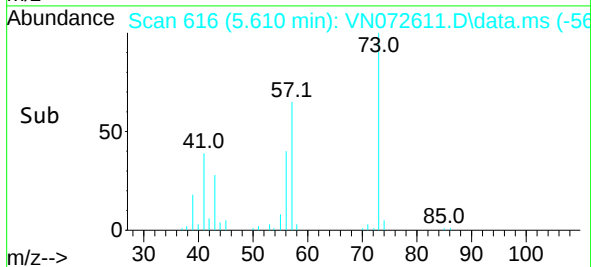
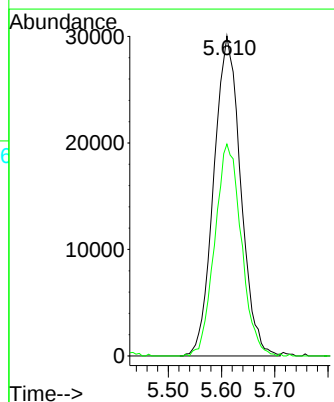
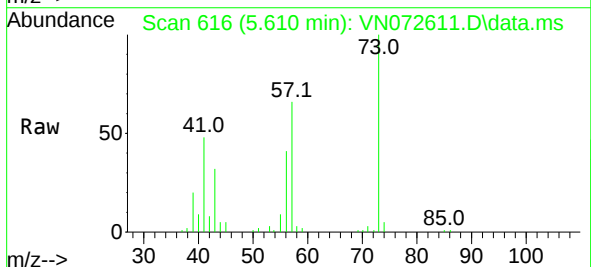
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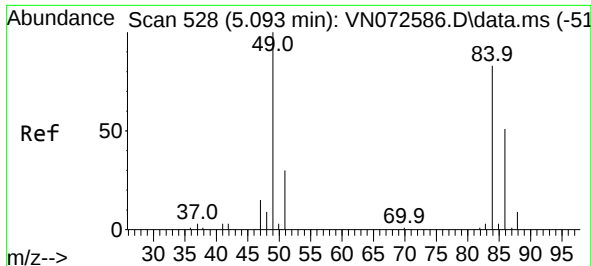
Tgt Ion: 43 Resp: 4991
Ion Ratio Lower Upper
43 100
74 0.0 21.6 32.4#



#19
Methyl tert-butyl Ether
Concen: 23.879 ug/l
RT: 5.610 min Scan# 616
Delta R.T. 0.000 min
Lab File: VN072611.D
Acq: 25 May 2022 01:20

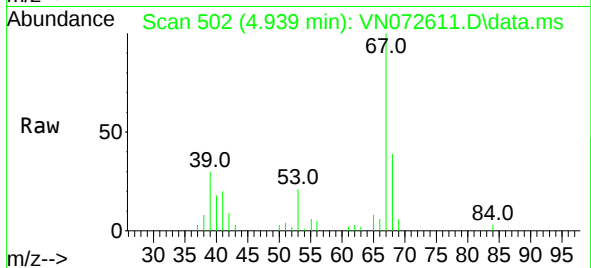
Tgt Ion: 73 Resp: 105313
Ion Ratio Lower Upper
73 100
57 66.2 17.6 26.4#





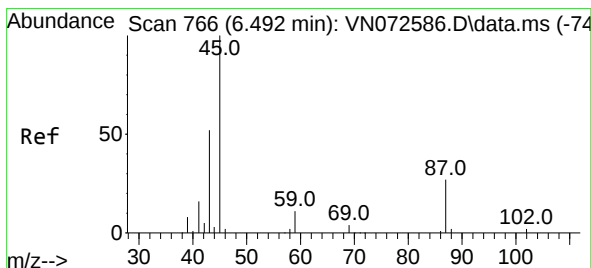
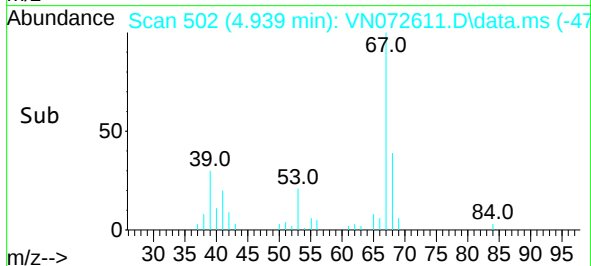
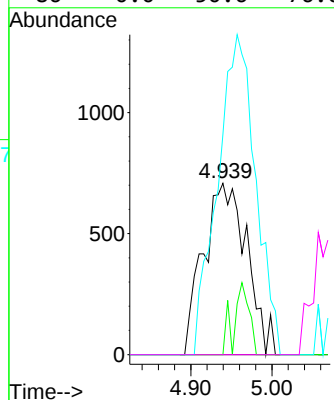
#20
Methylene Chloride
Concen: 1.445 ug/l
RT: 4.939 min Scan# 502
Delta R.T. -0.154 min
Lab File: VN072611.D
Acq: 25 May 2022 01:20

Instrument :
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Tgt Ion: 84 Resp: 2634

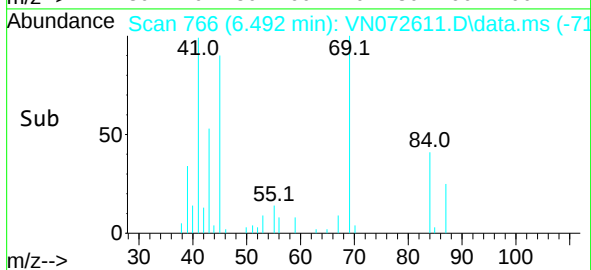
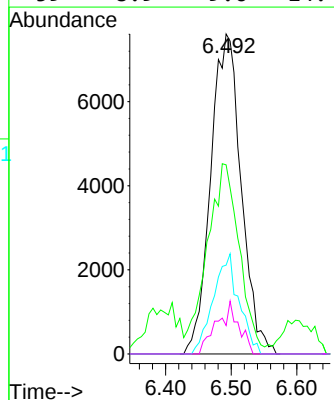
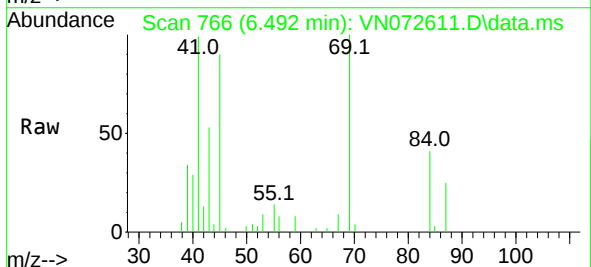
Ion	Ratio	Lower	Upper
84	100		
49	0.0	88.3	132.5#
51	128.5	28.2	42.2#
86	0.0	50.6	76.0#

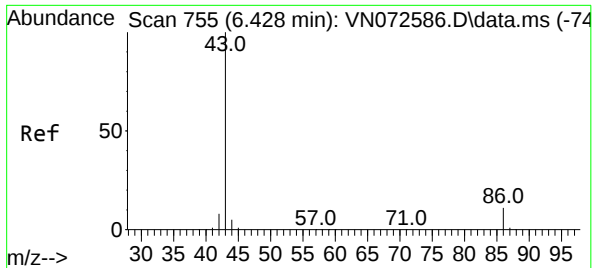


#22
Diisopropyl ether
Concen: 4.985 ug/l
RT: 6.492 min Scan# 766
Delta R.T. 0.000 min
Lab File: VN072611.D
Acq: 25 May 2022 01:20

Tgt Ion: 45 Resp: 24582

Ion	Ratio	Lower	Upper
45	100		
43	53.8	46.6	70.0
87	27.7	24.3	36.5
59	8.9	9.6	14.4#

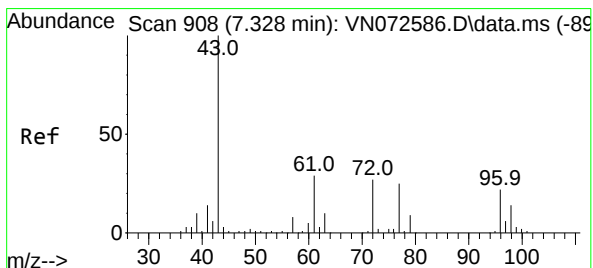
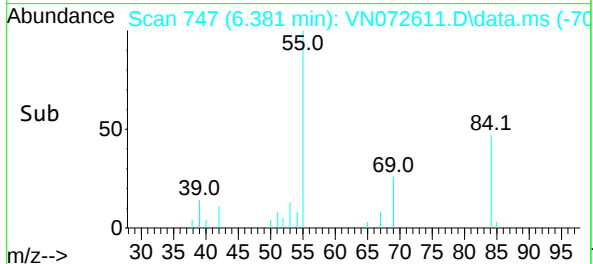
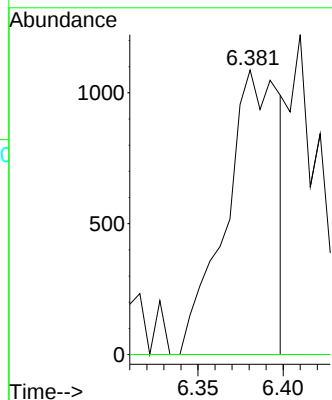
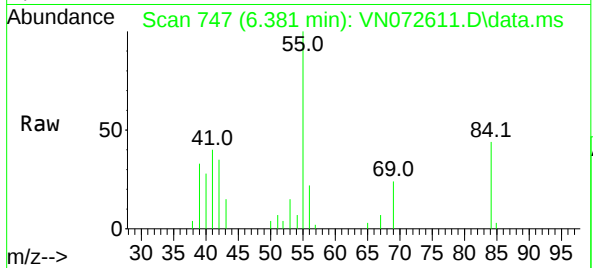




#23
 Vinyl Acetate
 Concen: 0.566 ug/l
 RT: 6.381 min Scan# 74
 Delta R.T. -0.047 min
 Lab File: VN072611.D
 Acq: 25 May 2022 01:20

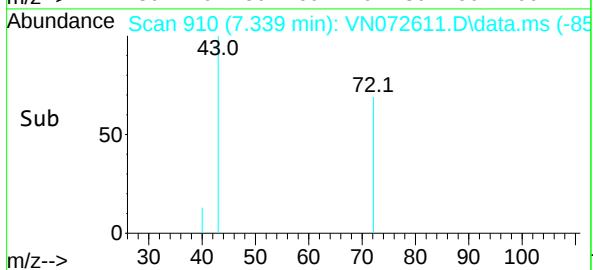
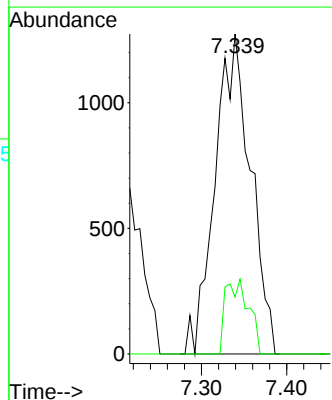
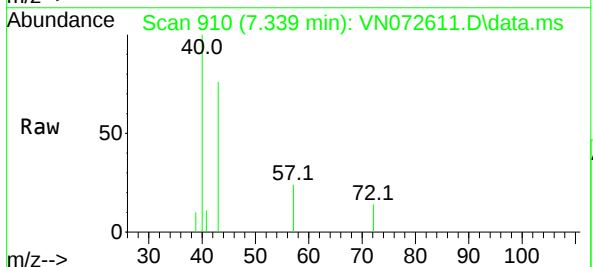
Instrument :
 MSVOA_N
 ClientSampleId :
 DUP-051922

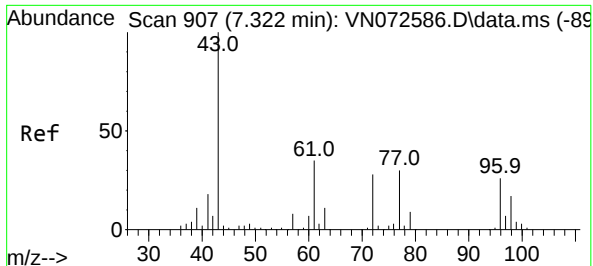
Tgt Ion: 43 Resp: 2371
 Ion Ratio Lower Upper
 43 100
 86 0.0 10.0 15.0#



#25
 2-Butanone
 Concen: 2.765 ug/l
 RT: 7.339 min Scan# 910
 Delta R.T. 0.011 min
 Lab File: VN072611.D
 Acq: 25 May 2022 01:20

Tgt Ion: 43 Resp: 3691
 Ion Ratio Lower Upper
 43 100
 72 17.8 23.7 35.5#





#26

2,2-Dichloropropane

Concen: 0.846 ug/l

RT: 7.145 min Scan# 81

Delta R.T. -0.177 min

Lab File: VN072611.D

Acq: 25 May 2022 01:20

Instrument :

MSVOA_N

ClientSampleId :

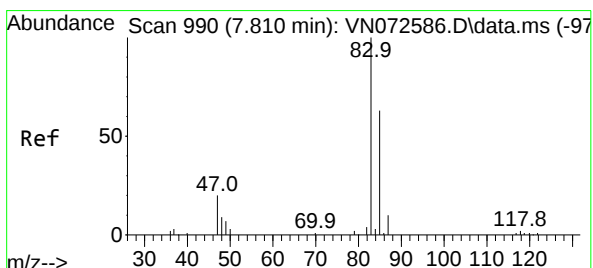
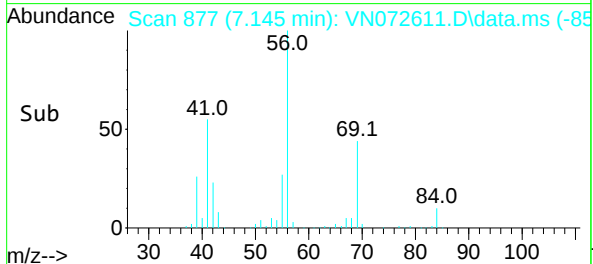
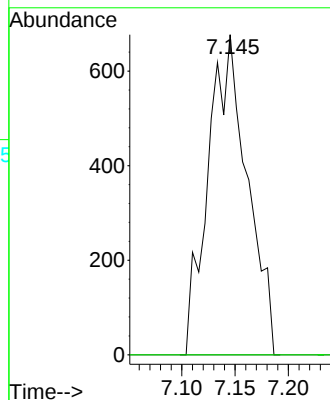
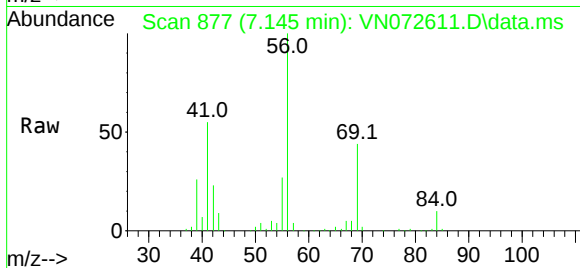
DUP-051922

Tgt Ion: 77 Resp: 1732

Ion Ratio Lower Upper

77 100

97 0.0 11.4 34.2#



#30

Chloroform

Concen: 0.983 ug/l

RT: 7.780 min Scan# 985

Delta R.T. -0.030 min

Lab File: VN072611.D

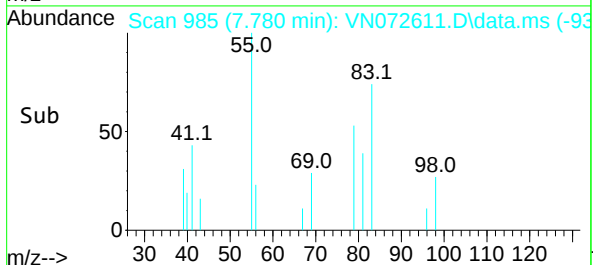
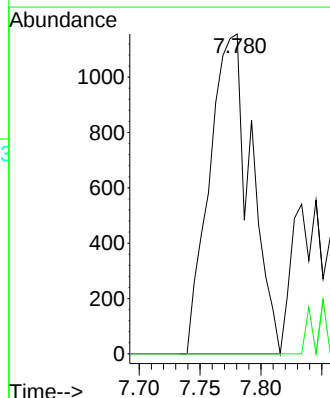
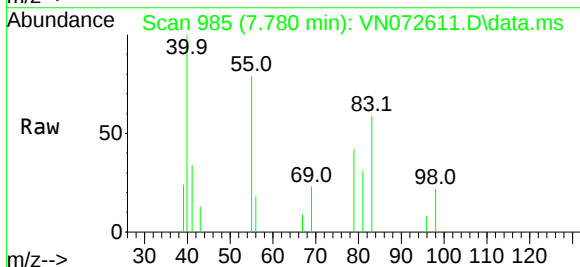
Acq: 25 May 2022 01:20

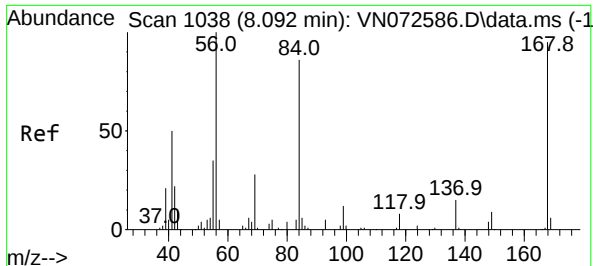
Tgt Ion: 83 Resp: 2748

Ion Ratio Lower Upper

83 100

85 0.0 51.8 77.8#

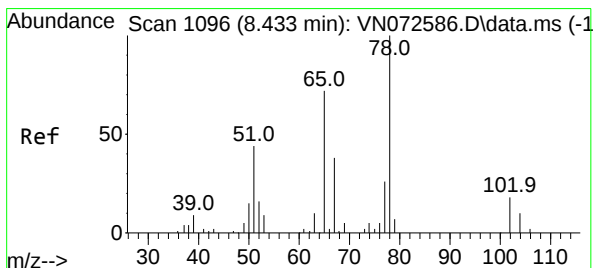
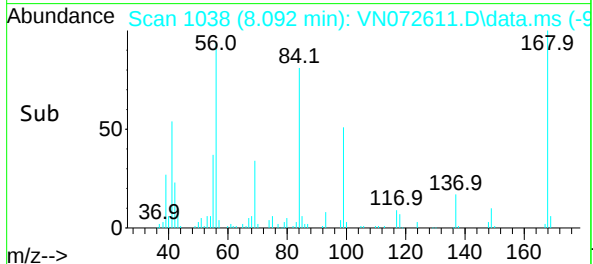
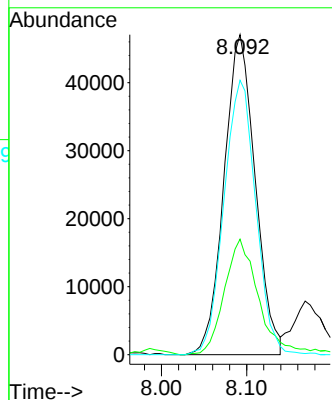
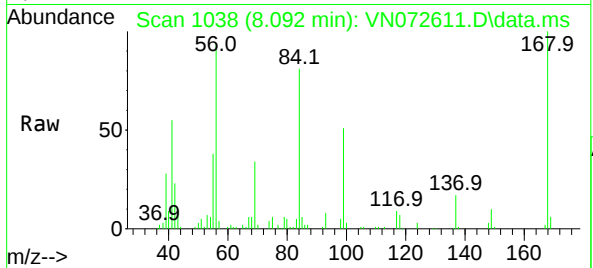




#31
Cyclohexane
Concen: 46.993 ug/l
RT: 8.092 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VN072611.D
Acq: 25 May 2022 01:20

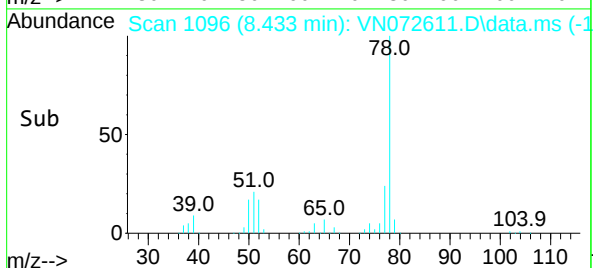
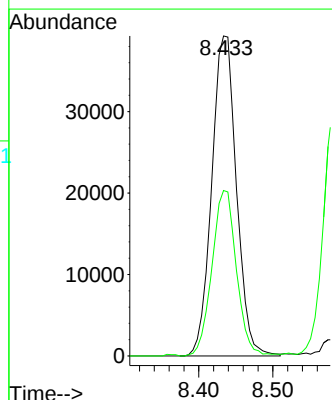
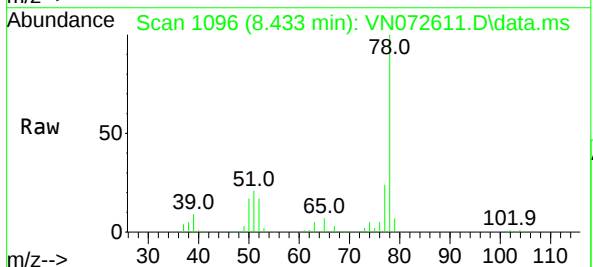
Instrument :
MSVOA_N
ClientSampleId :
DUP-051922

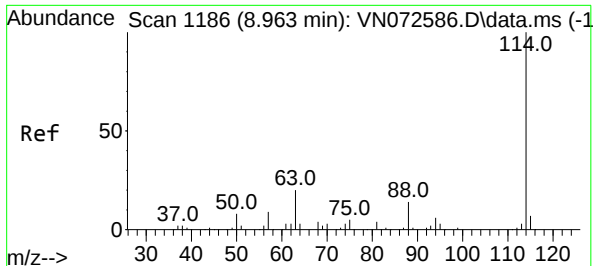
Tgt Ion: 56 Resp: 119797
Ion Ratio Lower Upper
56 100
69 36.1 27.8 41.8
84 85.8 76.9 115.3



#33
1,2-Dichloroethane-d4
Concen: 56.597 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. 0.000 min
Lab File: VN072611.D
Acq: 25 May 2022 01:20

Tgt Ion: 65 Resp: 91082
Ion Ratio Lower Upper
65 100
67 51.2 0.0 104.8

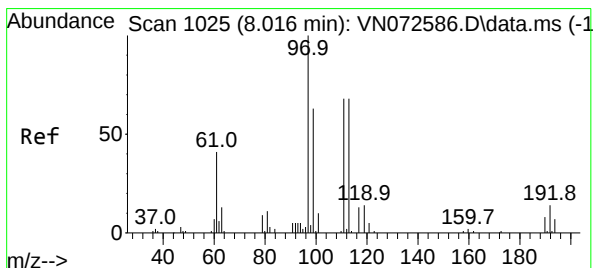
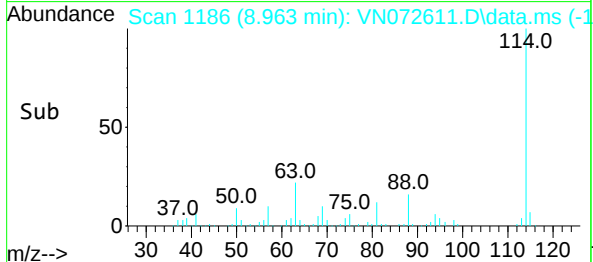
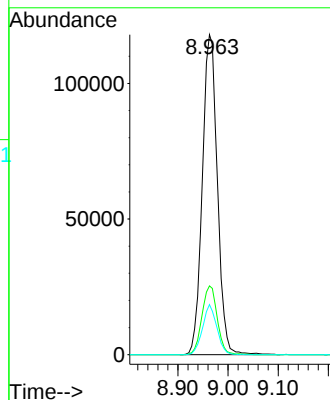
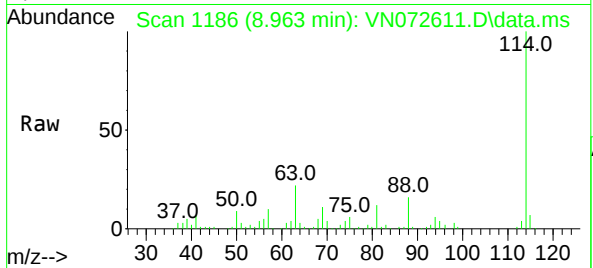




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN072611.D
Acq: 25 May 2022 01:20

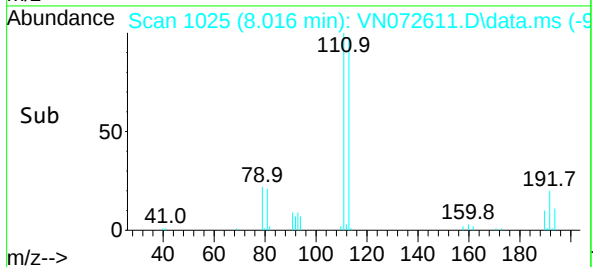
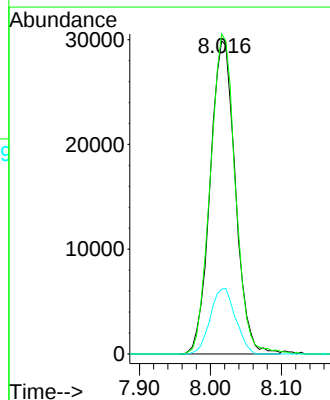
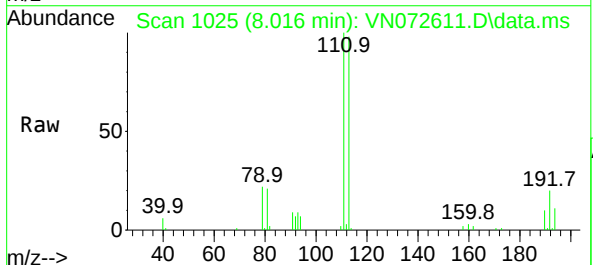
Instrument :
MSVOA_N
ClientSampleId :
DUP-051922

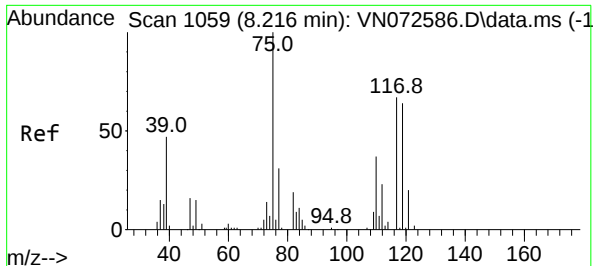
Tgt Ion:114 Resp: 246507
Ion Ratio Lower Upper
114 100
63 21.5 0.0 40.0
88 15.6 0.0 32.6



#35
Dibromofluoromethane
Concen: 45.957 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. -0.000 min
Lab File: VN072611.D
Acq: 25 May 2022 01:20

Tgt Ion:113 Resp: 73424
Ion Ratio Lower Upper
113 100
111 101.6 81.4 122.0
192 20.9 17.0 25.6





#36

1,1-Dichloropropene

Concen: 4.706 ug/l

RT: 8.080 min Scan# 10637

Delta R.T. -0.136 min

Lab File: VN072611.D

Acq: 25 May 2022 01:20

Instrument :

MSVOA_N

ClientSampleId :

DUP-051922

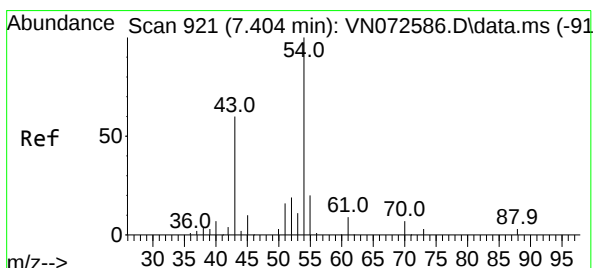
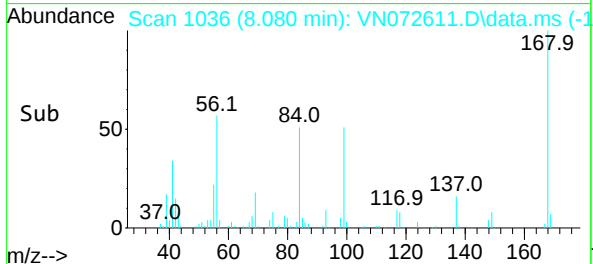
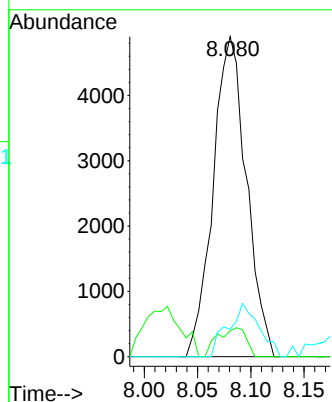
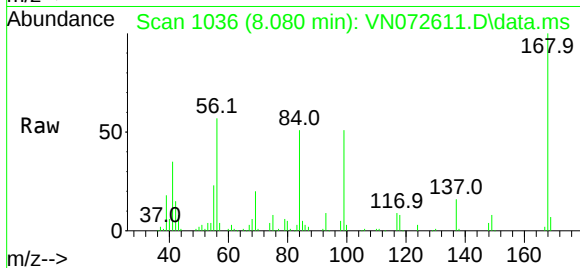
Tgt Ion: 75 Resp: 10637

Ion Ratio Lower Upper

75 100

110 7.7 18.3 54.8#

77 0.0 25.1 37.7#



#37

Ethyl Acetate

Concen: 1.249 ug/l

RT: 7.339 min Scan# 910

Delta R.T. -0.065 min

Lab File: VN072611.D

Acq: 25 May 2022 01:20

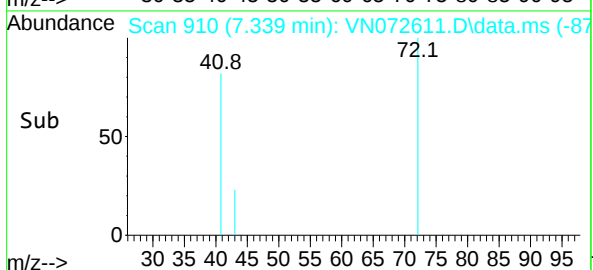
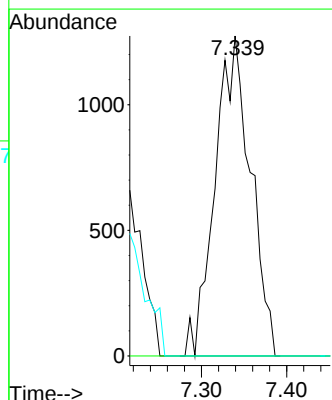
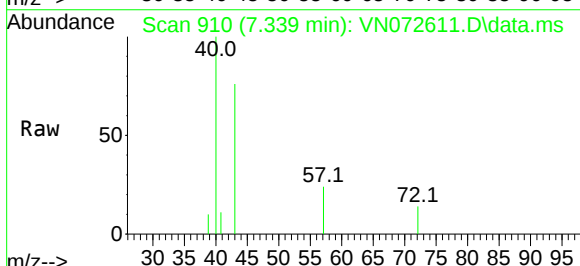
Tgt Ion: 43 Resp: 3691

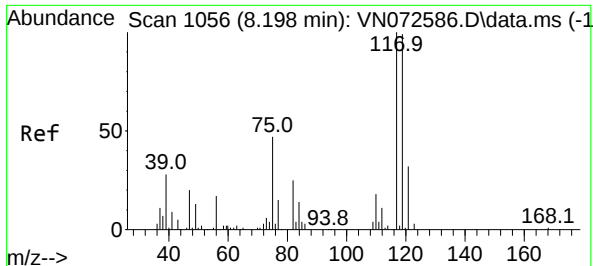
Ion Ratio Lower Upper

43 100

61 0.0 11.8 17.6#

70 0.0 9.3 13.9#

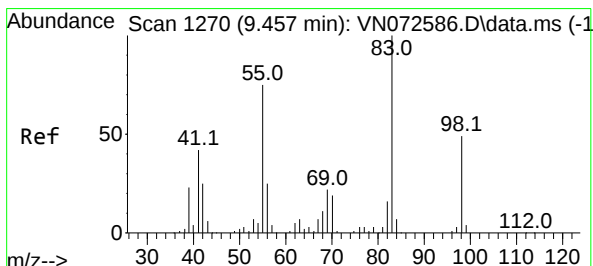
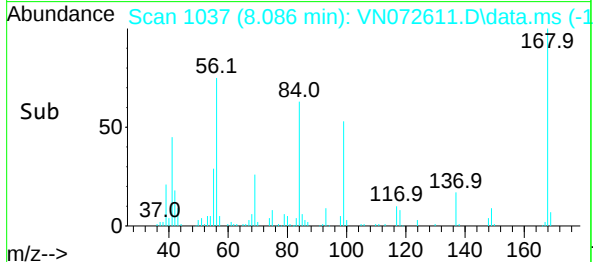
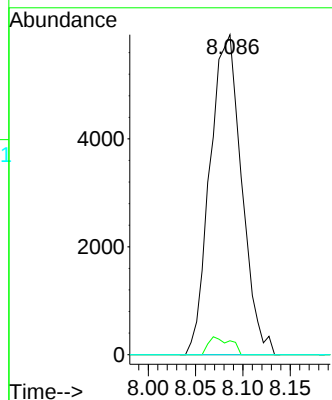
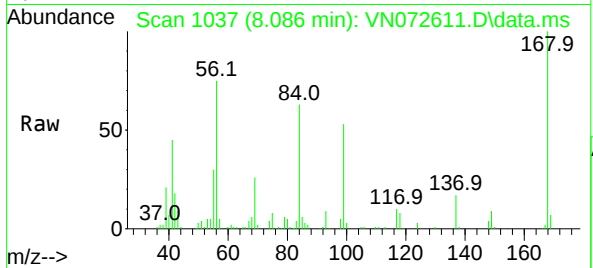




#38
Carbon Tetrachloride
Concen: 5.791 ug/l
RT: 8.086 min Scan# 1056
Delta R.T. -0.112 min
Lab File: VN072611.D
Acq: 25 May 2022 01:20

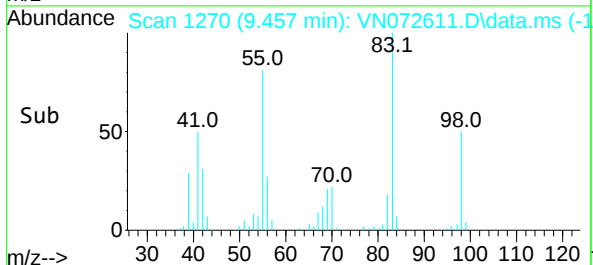
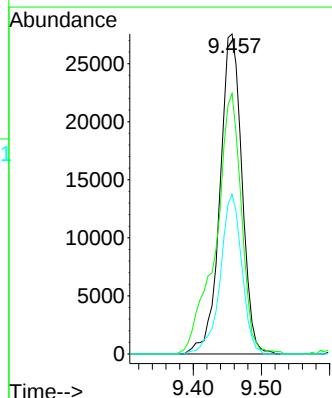
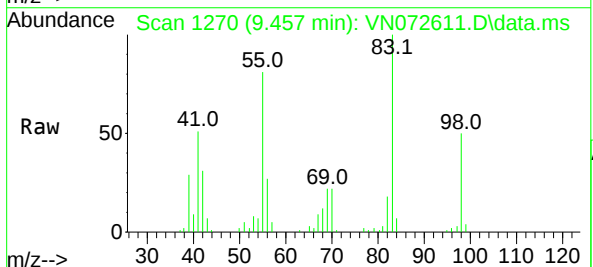
Instrument :
MSVOA_N
ClientSampleId :
DUP-051922

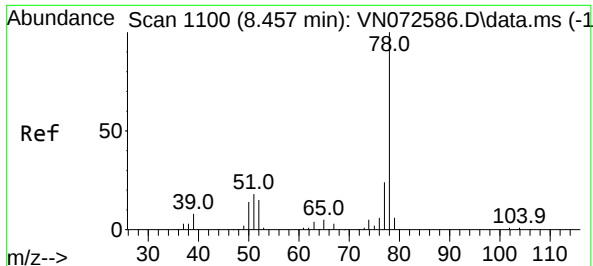
Tgt Ion:117 Resp: 13818
Ion Ratio Lower Upper
117 100
119 4.3 75.8 113.8#
121 0.0 24.6 37.0#



#39
Methylcyclohexane
Concen: 22.184 ug/l
RT: 9.457 min Scan# 1270
Delta R.T. -0.000 min
Lab File: VN072611.D
Acq: 25 May 2022 01:20

Tgt Ion: 83 Resp: 61787
Ion Ratio Lower Upper
83 100
55 80.8 57.8 86.8
98 49.9 39.4 59.2

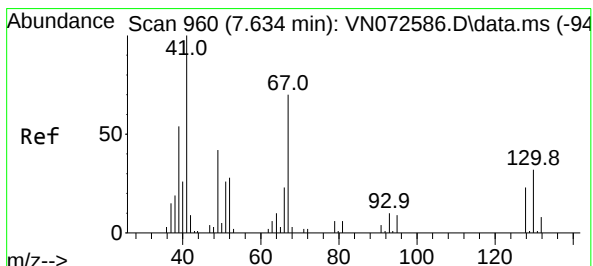
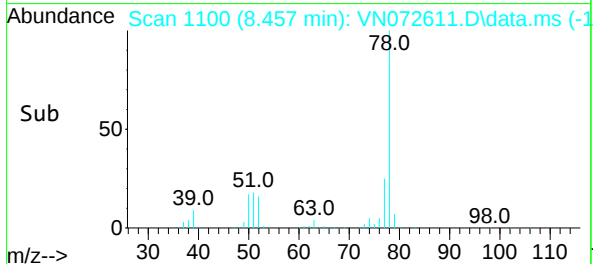
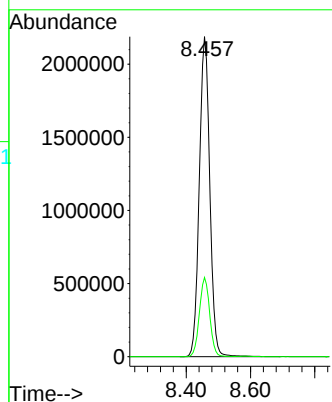
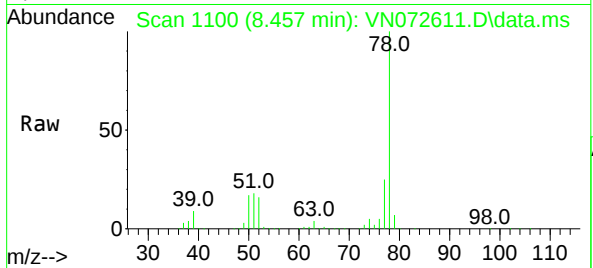




#40
Benzene
Concen: 676.607 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN072611.D
Acq: 25 May 2022 01:20

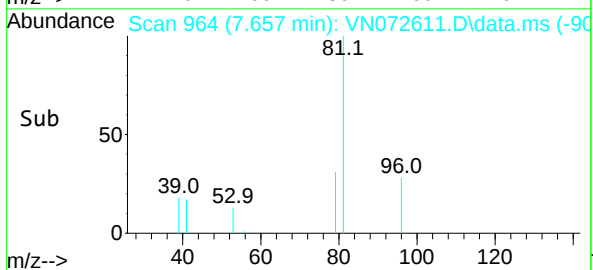
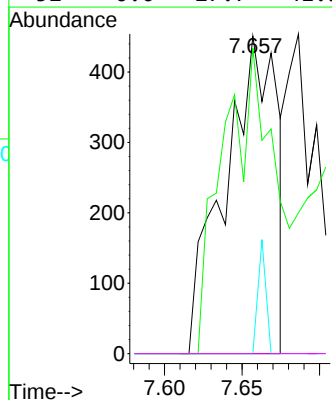
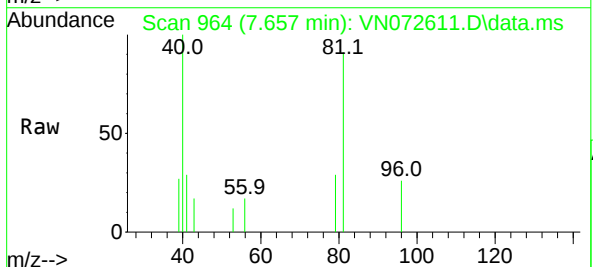
Instrument :
MSVOA_N
ClientSampleId :
DUP-051922

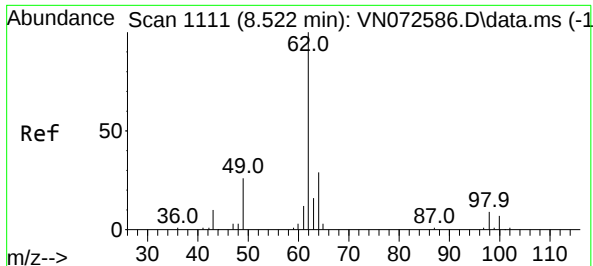
Tgt Ion: 78 Resp: 4935060
Ion Ratio Lower Upper
78 100
77 24.7 19.4 29.0



#41
Methacrylonitrile
Concen: 0.711 ug/l
RT: 7.657 min Scan# 964
Delta R.T. 0.023 min
Lab File: VN072611.D
Acq: 25 May 2022 01:20

Tgt Ion: 41 Resp: 1057
Ion Ratio Lower Upper
41 100
39 46.4 48.6 73.0#
67 0.0 73.4 110.2#
52 0.0 27.7 41.5#





#42

1,2-Dichloroethane

Concen: 18.175 ug/l

RT: 8.457 min Scan# 1110

Delta R.T. -0.065 min

Lab File: VN072611.D

Acq: 25 May 2022 01:20

Instrument :

MSVOA_N

ClientSampleId :

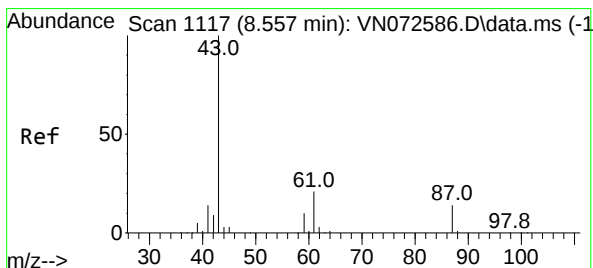
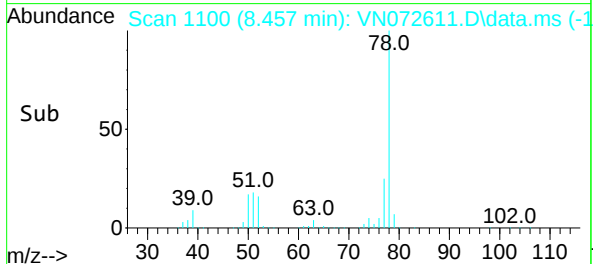
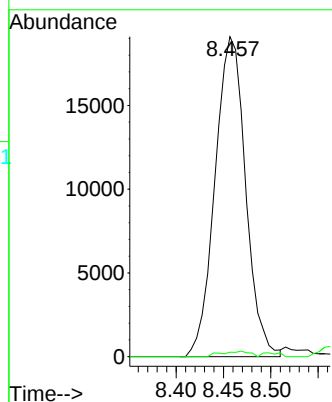
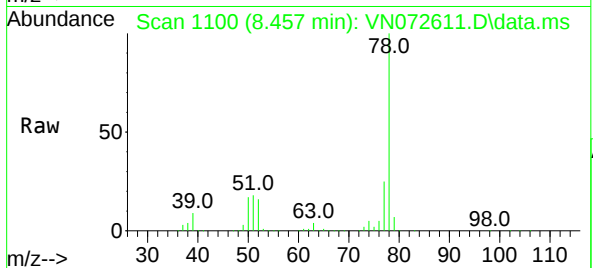
DUP-051922

Tgt Ion: 62 Resp: 42951

Ion Ratio Lower Upper

62 100

98 1.6 0.0 19.4



#43

Isopropyl Acetate

Concen: 3.873 ug/l

RT: 8.527 min Scan# 1112

Delta R.T. -0.030 min

Lab File: VN072611.D

Acq: 25 May 2022 01:20

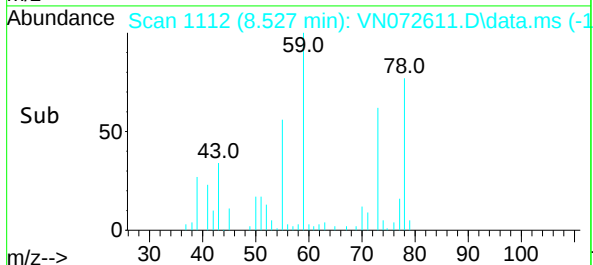
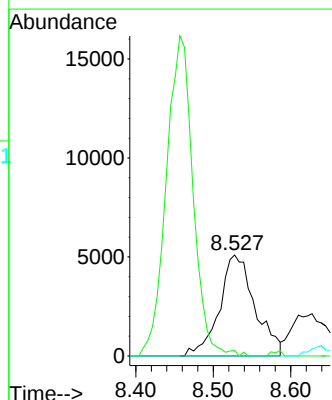
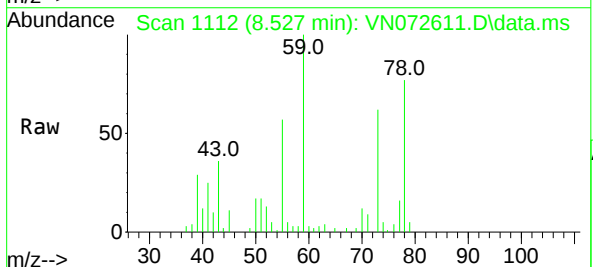
Tgt Ion: 43 Resp: 16229

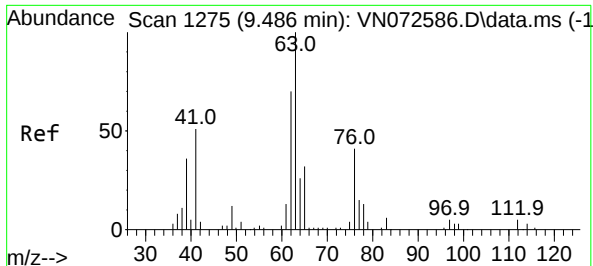
Ion Ratio Lower Upper

43 100

61 0.0 21.9 32.9#

87 0.0 12.0 18.0#





#45

1,2-Dichloropropane

Concen: 0.266 ug/l

RT: 9.445 min Scan# 11

Delta R.T. -0.041 min

Lab File: VN072611.D

Acq: 25 May 2022 01:20

Instrument :

MSVOA_N

ClientSampleId :

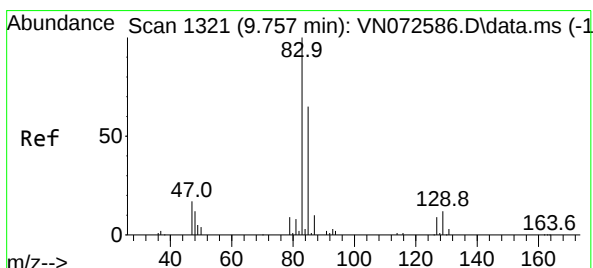
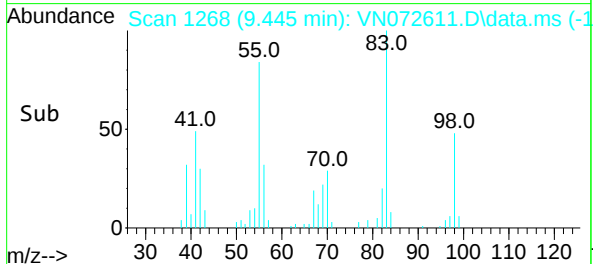
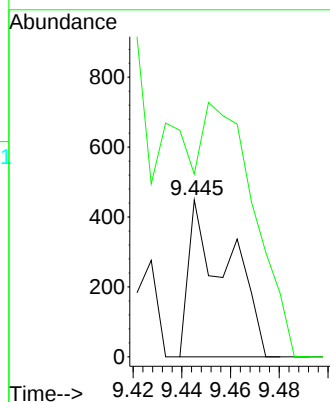
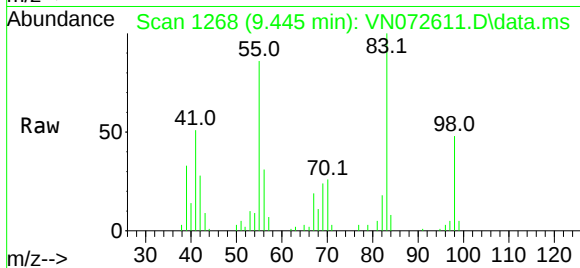
DUP-051922

Tgt Ion: 63 Resp: 504

Ion Ratio Lower Upper

63 100

65 76.2 24.9 37.3#



#47

Bromodichloromethane

Concen: 0.400 ug/l

RT: 9.633 min Scan# 1300

Delta R.T. -0.124 min

Lab File: VN072611.D

Acq: 25 May 2022 01:20

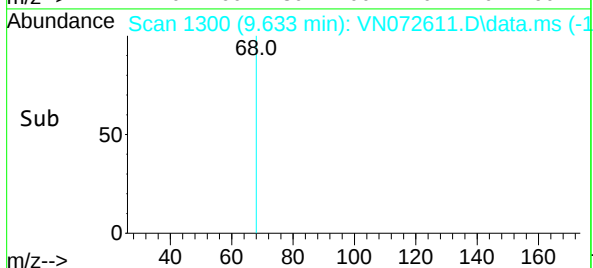
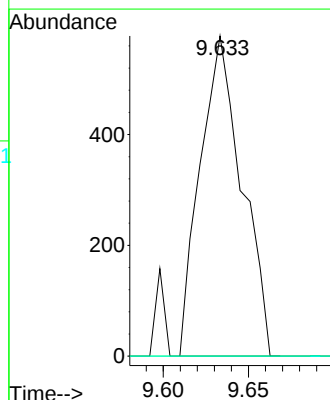
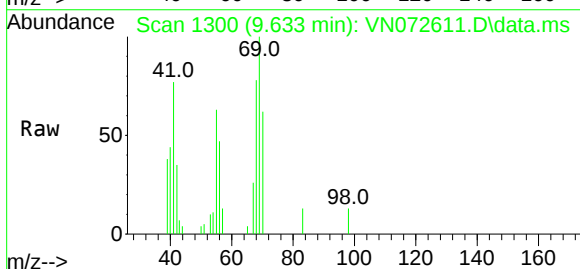
Tgt Ion: 83 Resp: 984

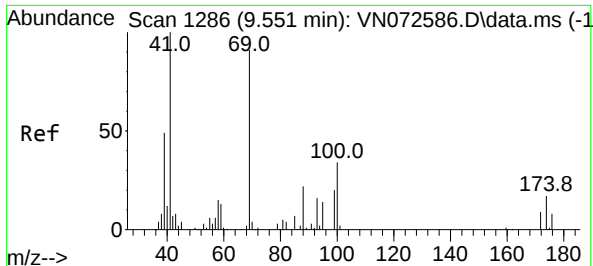
Ion Ratio Lower Upper

83 100

85 0.0 50.5 75.7#

127 0.0 6.8 10.2#

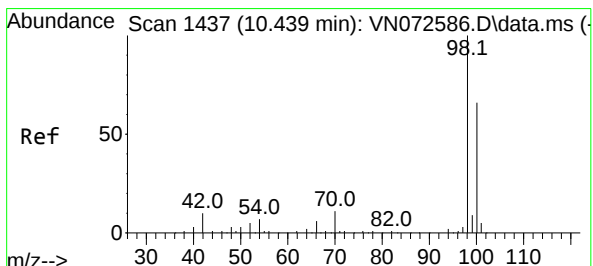
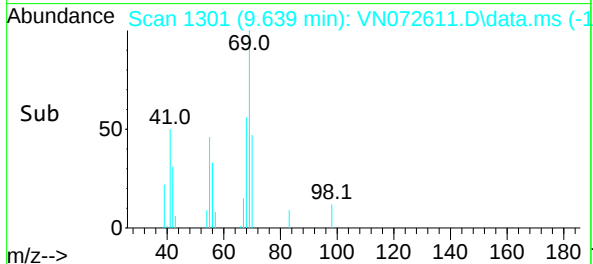
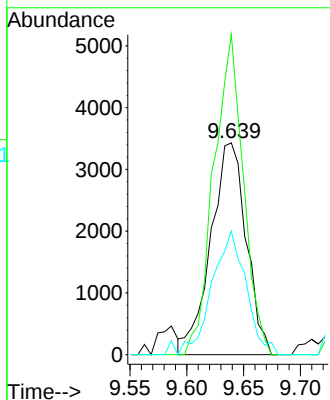
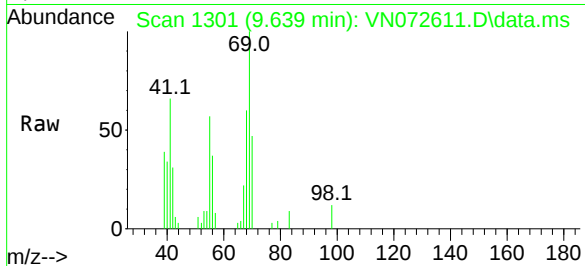




#48
Methyl methacrylate
Concen: 3.646 ug/l
RT: 9.639 min Scan# 11
Delta R.T. 0.088 min
Lab File: VN072611.D
Acq: 25 May 2022 01:20

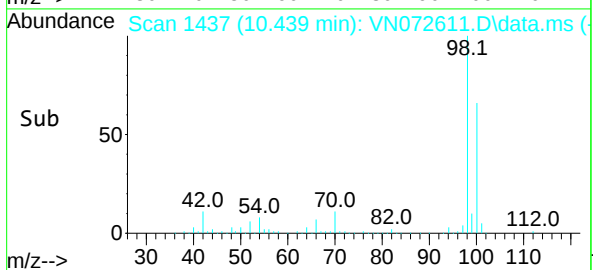
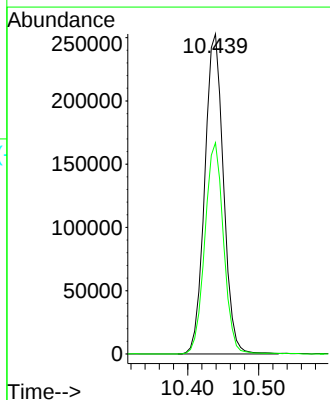
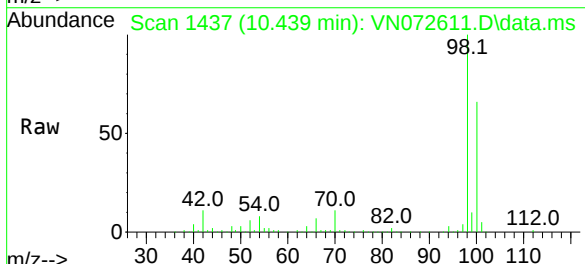
Instrument :
MSVOA_N
ClientSampleId :
DUP-051922

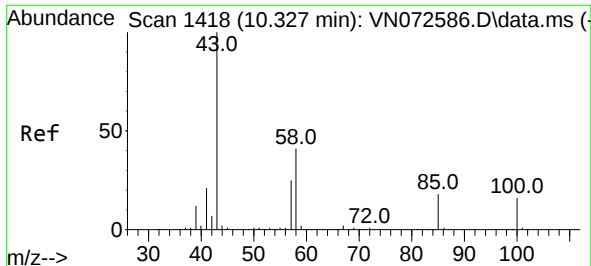
Tgt Ion: 41 Resp: 7431
Ion Ratio Lower Upper
41 100
69 126.5 74.7 112.1#
39 56.0 45.6 68.4



#50
Toluene-d8
Concen: 76.005 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072611.D
Acq: 25 May 2022 01:20

Tgt Ion: 98 Resp: 463670
Ion Ratio Lower Upper
98 100
100 66.0 52.6 78.8

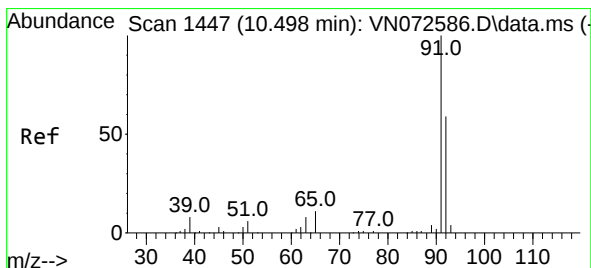
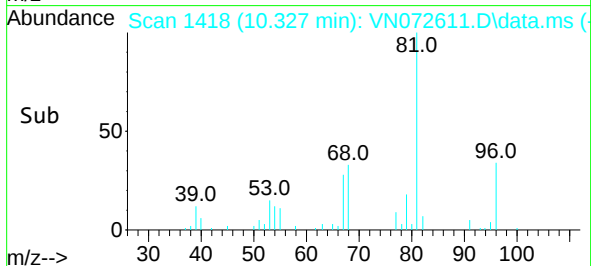
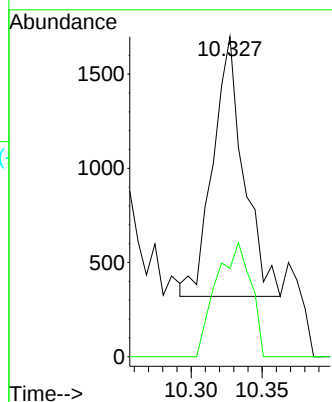
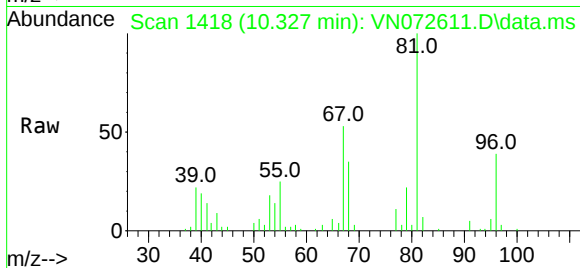




#51
4-Methyl-2-Pentanone
Concen: 0.722 ug/l
RT: 10.327 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VN072611.D
Acq: 25 May 2022 01:20

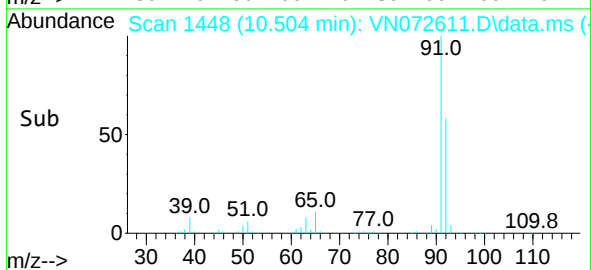
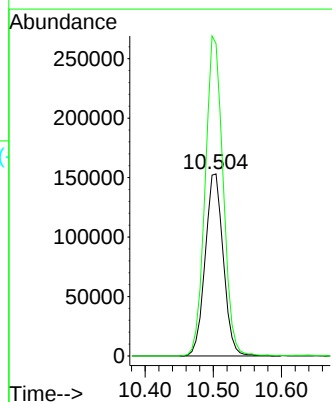
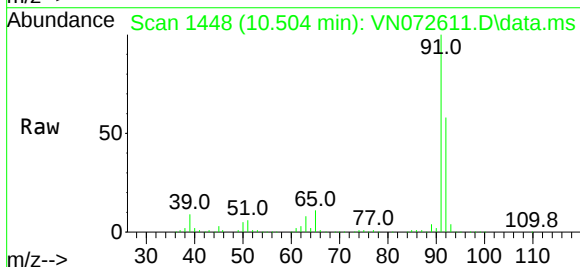
Instrument :
MSVOA_N
ClientSampleId :
DUP-051922

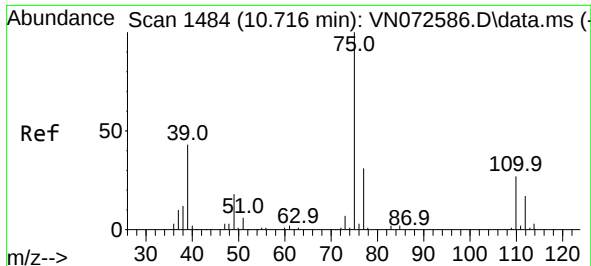
Tgt Ion: 43 Resp: 2071
Ion Ratio Lower Upper
43 100
58 49.7 34.1 51.1



#52
Toluene
Concen: 61.221 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VN072611.D
Acq: 25 May 2022 01:20

Tgt Ion: 92 Resp: 282776
Ion Ratio Lower Upper
92 100
91 174.4 138.6 207.8

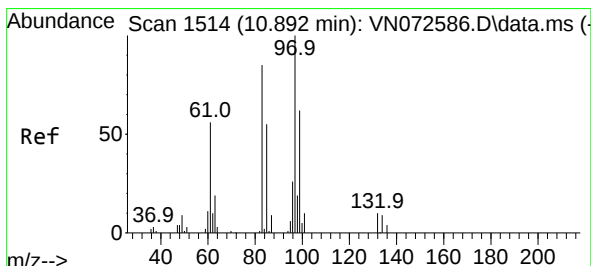
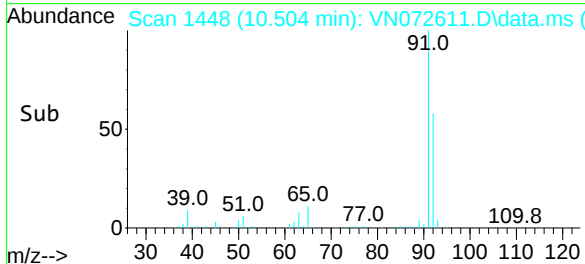
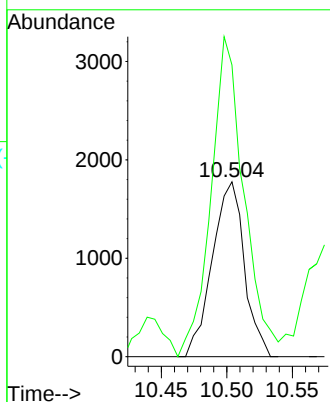
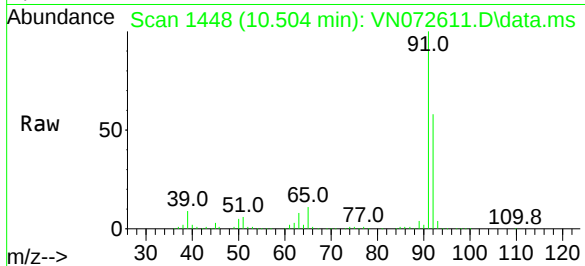




#53
t-1,3-Dichloropropene
Concen: 1.199 ug/l
RT: 10.504 min Scan# 1484
Delta R.T. -0.212 min
Lab File: VN072611.D
Acq: 25 May 2022 01:20

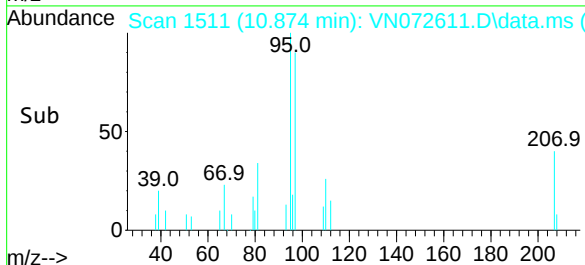
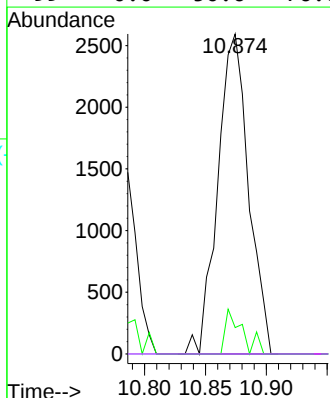
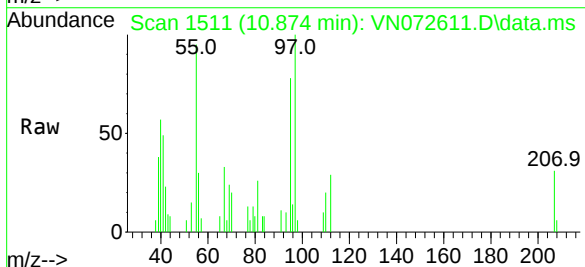
Instrument :
MSVOA_N
ClientSampleId :
DUP-051922

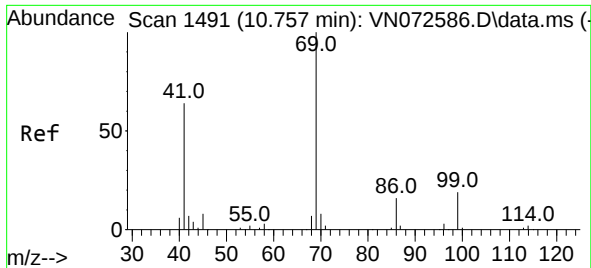
Tgt Ion: 75 Resp: 3018
Ion Ratio Lower Upper
75 100
77 166.9 25.6 38.4#



#55
1,1,2-Trichloroethane
Concen: 2.386 ug/l
RT: 10.874 min Scan# 1511
Delta R.T. -0.018 min
Lab File: VN072611.D
Acq: 25 May 2022 01:20

Tgt Ion: 97 Resp: 4573
Ion Ratio Lower Upper
97 100
83 8.2 66.2 99.4#
85 0.0 43.9 65.9#
99 0.0 50.6 76.0#

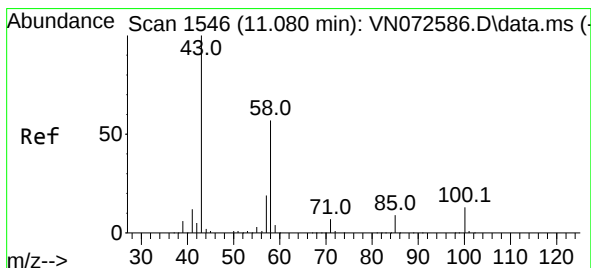
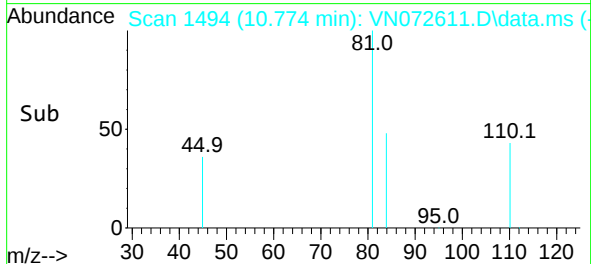
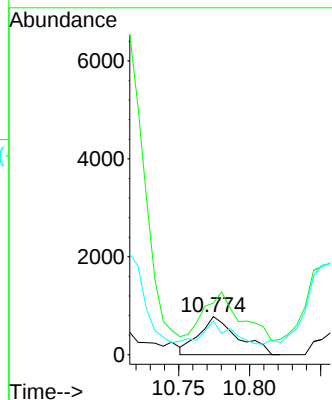
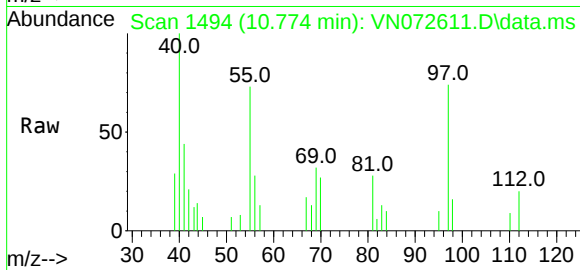




#56
Ethyl methacrylate
Concen: 0.494 ug/l
RT: 10.774 min Scan# 1458
Delta R.T. 0.017 min
Lab File: VN072611.D
Acq: 25 May 2022 01:20

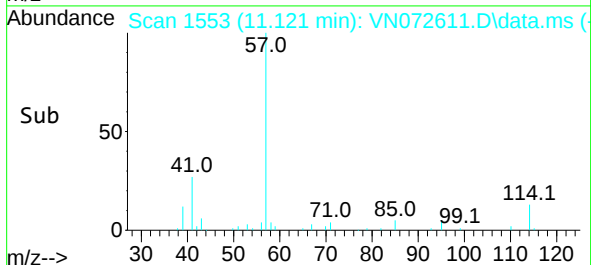
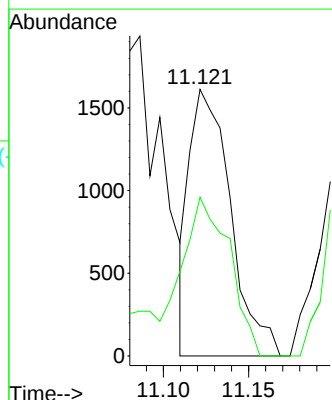
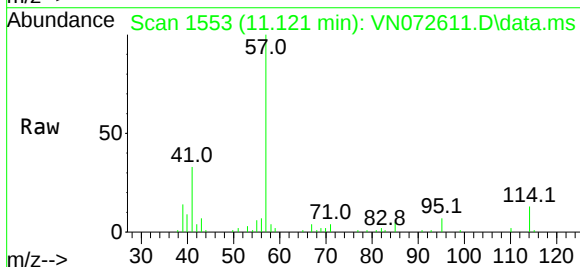
Instrument :
MSVOA_N
ClientSampleId :
DUP-051922

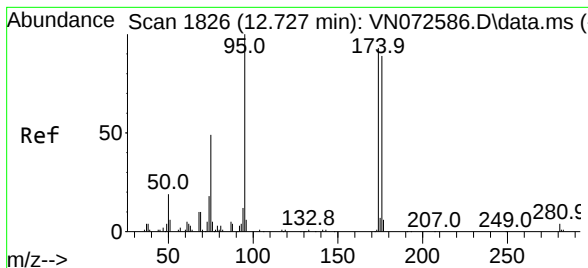
Tgt Ion: 69 Resp: 1458
Ion Ratio Lower Upper
69 100
41 123.5 47.8 71.6#
39 0.0 27.3 40.9#



#59
2-Hexanone
Concen: 1.334 ug/l
RT: 11.121 min Scan# 1553
Delta R.T. 0.041 min
Lab File: VN072611.D
Acq: 25 May 2022 01:20

Tgt Ion: 43 Resp: 2713
Ion Ratio Lower Upper
43 100
58 68.5 29.7 89.1

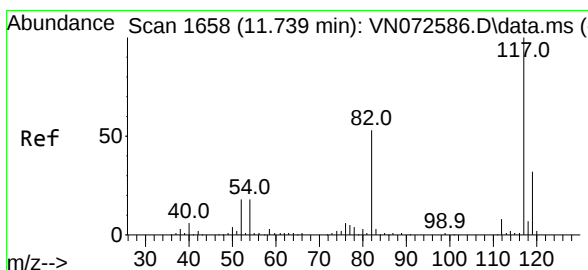
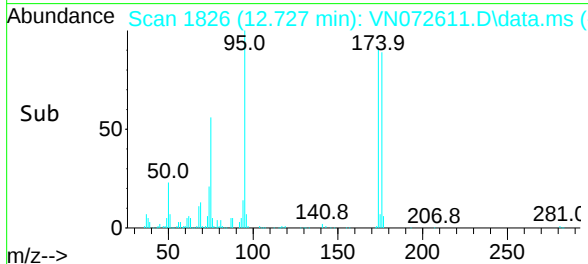
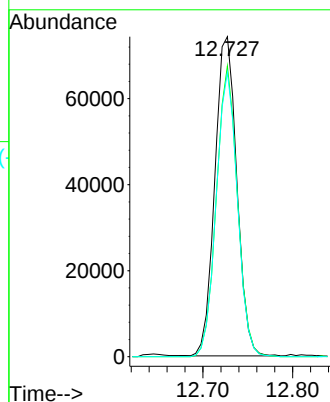
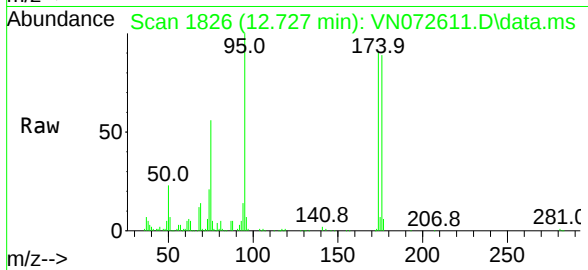




#62
4-Bromofluorobenzene
Concen: 63.649 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072611.D
Acq: 25 May 2022 01:20

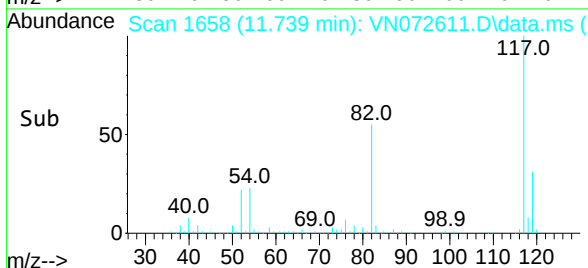
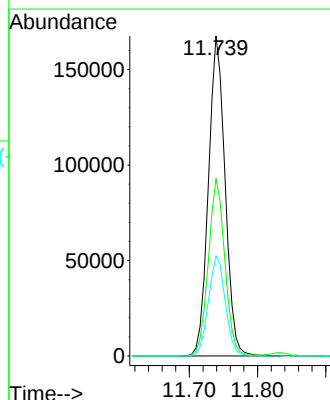
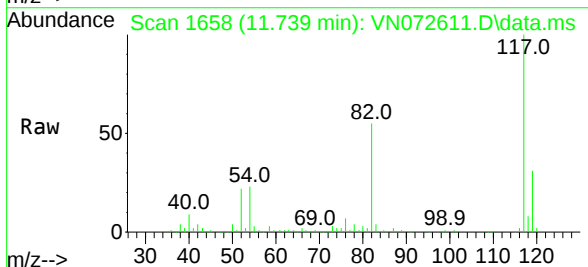
Instrument :
MSVOA_N
ClientSampleId :
DUP-051922

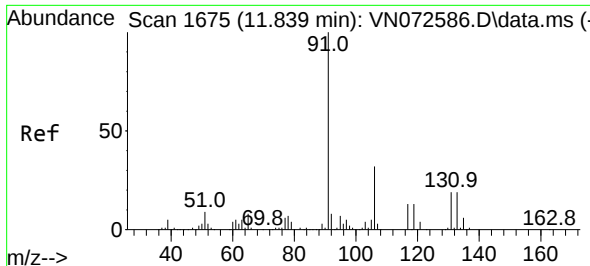
Tgt Ion: 95 Resp: 126288
Ion Ratio Lower Upper
95 100
174 87.1 0.0 167.6
176 85.9 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072611.D
Acq: 25 May 2022 01:20

Tgt Ion: 117 Resp: 284829
Ion Ratio Lower Upper
117 100
82 55.2 44.2 66.2
119 31.2 25.4 38.0

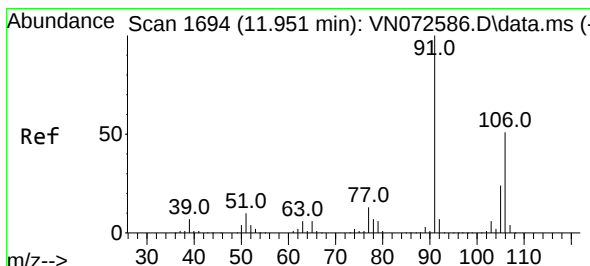
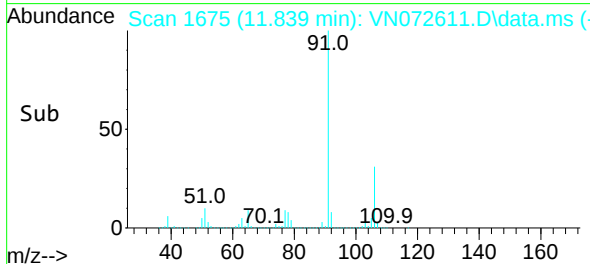
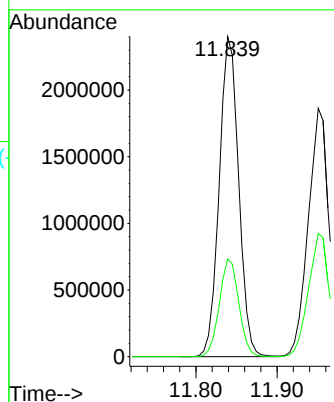
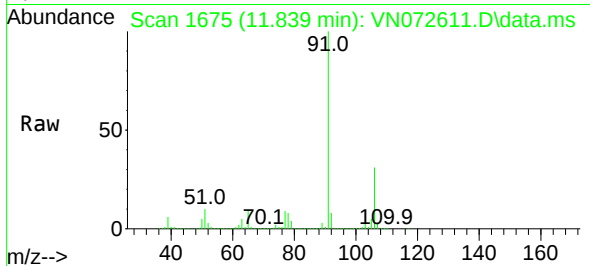




#67
Ethyl Benzene
Concen: 368.299 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072611.D
Acq: 25 May 2022 01:20

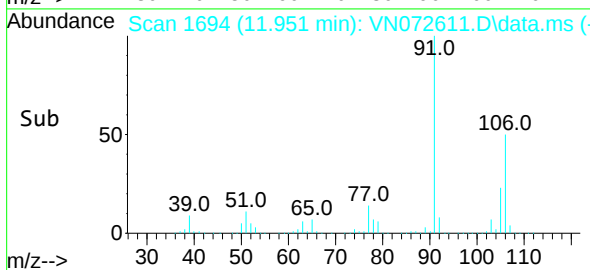
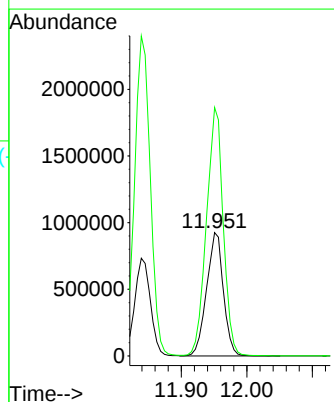
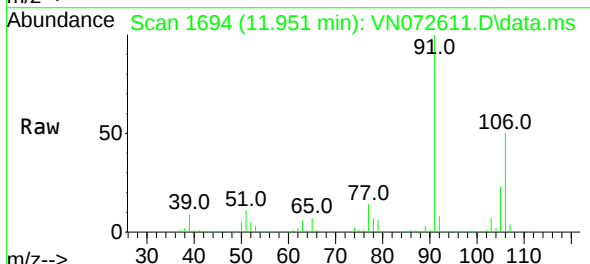
Instrument :
MSVOA_N
ClientSampleId :
DUP-051922

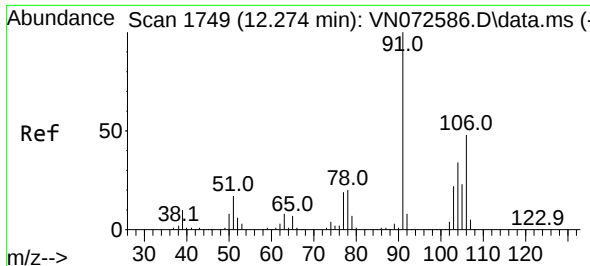
Tgt Ion: 91 Resp: 3995424
Ion Ratio Lower Upper
91 100
106 30.6 24.9 37.3



#68
m/p-Xylenes
Concen: 397.720 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. -0.000 min
Lab File: VN072611.D
Acq: 25 May 2022 01:20

Tgt Ion:106 Resp: 1644566
Ion Ratio Lower Upper
106 100
91 201.7 158.9 238.3

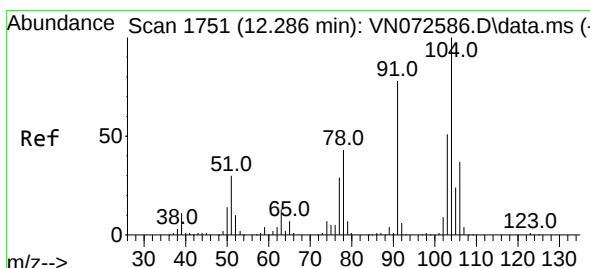
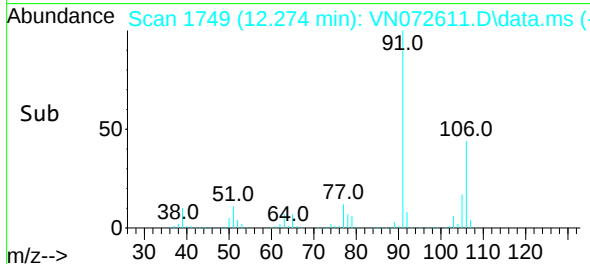
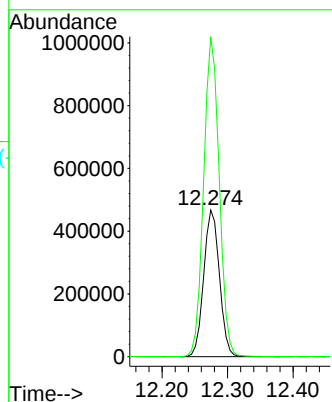
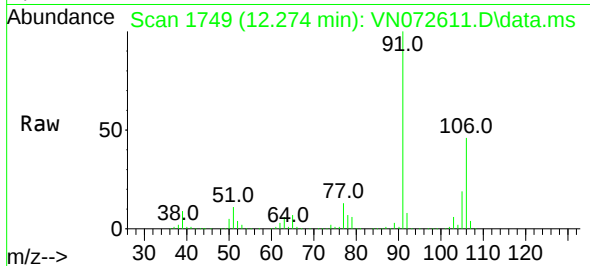




#69
o-Xylene
Concen: 195.228 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VN072611.D
Acq: 25 May 2022 01:20

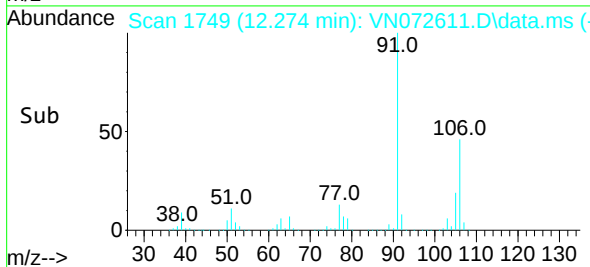
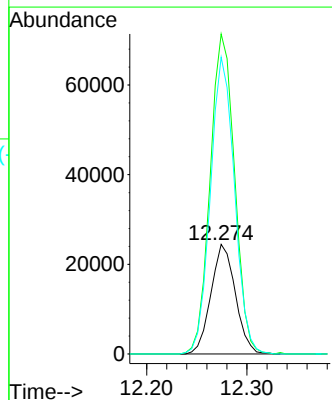
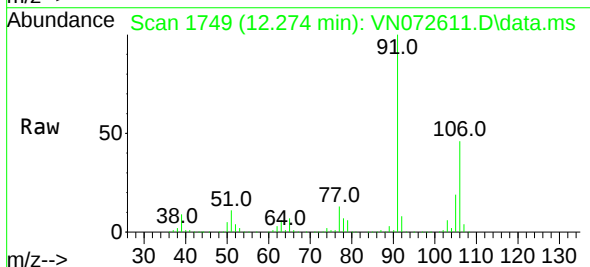
Instrument :
MSVOA_N
ClientSampleId :
DUP-051922

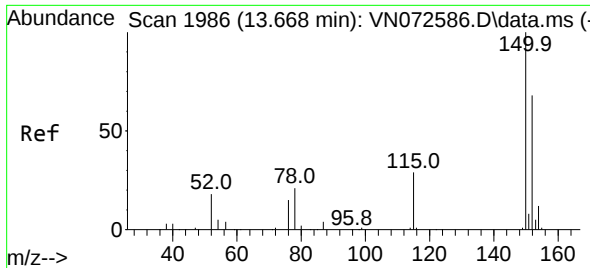
Tgt Ion:106 Resp: 780373
Ion Ratio Lower Upper
106 100
91 216.2 106.0 318.0



#70
Styrene
Concen: 6.411 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. -0.012 min
Lab File: VN072611.D
Acq: 25 May 2022 01:20

Tgt Ion:104 Resp: 41469
Ion Ratio Lower Upper
104 100
78 291.2 39.5 59.3#
103 266.5 44.0 66.0#

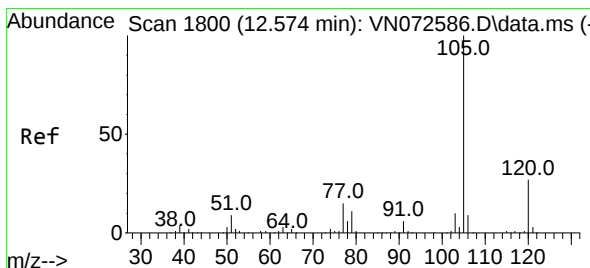
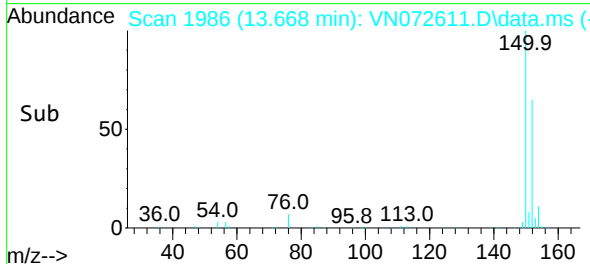
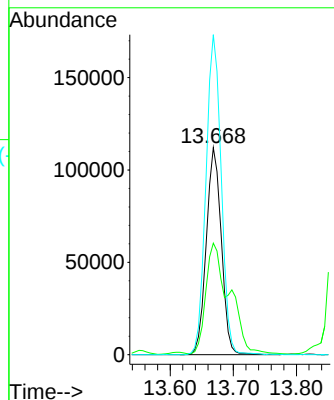
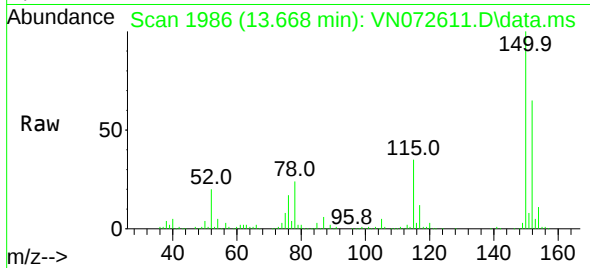




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN072611.D
Acq: 25 May 2022 01:20

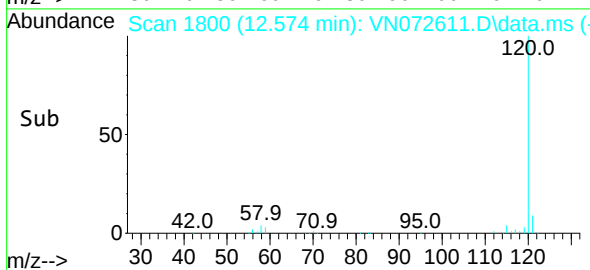
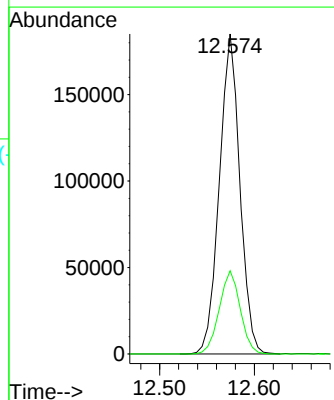
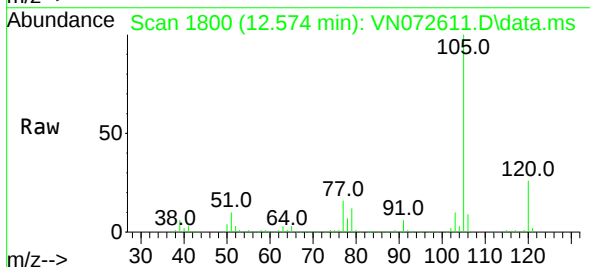
Instrument :
MSVOA_N
ClientSampleId :
DUP-051922

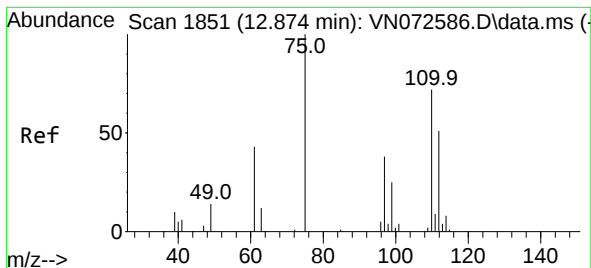
Tgt Ion:152 Resp: 185273
Ion Ratio Lower Upper
152 100
115 84.1 28.9 86.7
150 156.7 0.0 356.2



#73
Isopropylbenzene
Concen: 16.869 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. 0.000 min
Lab File: VN072611.D
Acq: 25 May 2022 01:20

Tgt Ion:105 Resp: 278397
Ion Ratio Lower Upper
105 100
120 26.5 13.5 40.4





#76

1,2,3-Trichloropropane

Concen: 0.859 ug/l

RT: 12.910 min Scan# 1857

Delta R.T. 0.036 min

Lab File: VN072611.D

Acq: 25 May 2022 01:20

Instrument :

MSVOA_N

ClientSampleId :

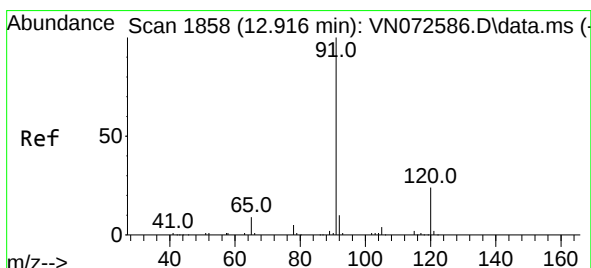
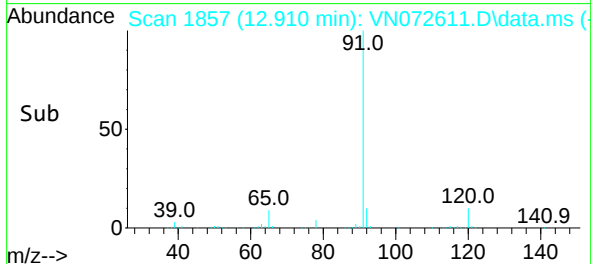
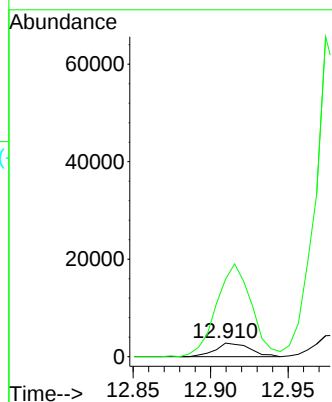
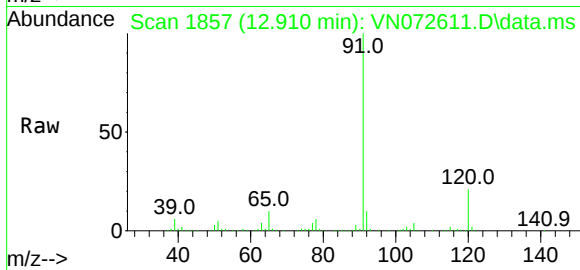
DUP-051922

Tgt Ion: 75 Resp: 4323

Ion Ratio Lower Upper

75 100

77 693.3 98.5 295.5#



#78

n-propylbenzene

Concen: 40.136 ug/l

RT: 12.915 min Scan# 1858

Delta R.T. -0.001 min

Lab File: VN072611.D

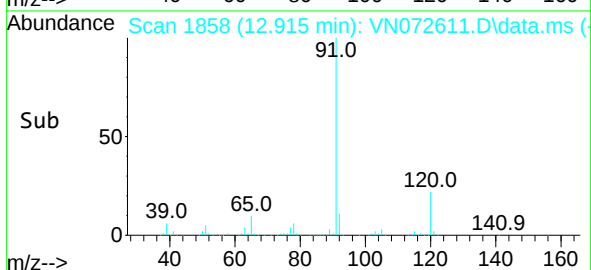
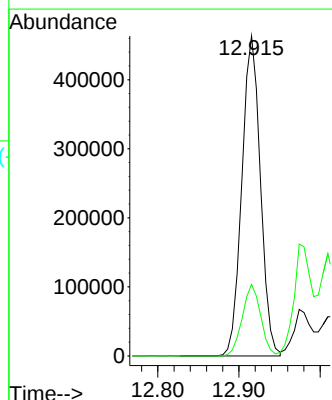
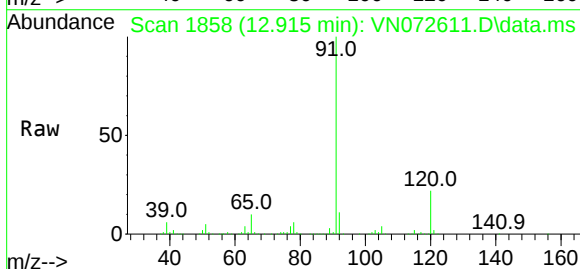
Acq: 25 May 2022 01:20

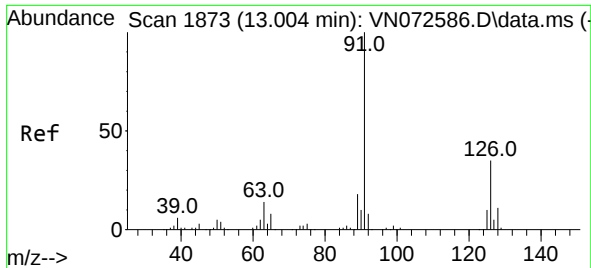
Tgt Ion: 91 Resp: 734471

Ion Ratio Lower Upper

91 100

120 22.1 11.9 35.5

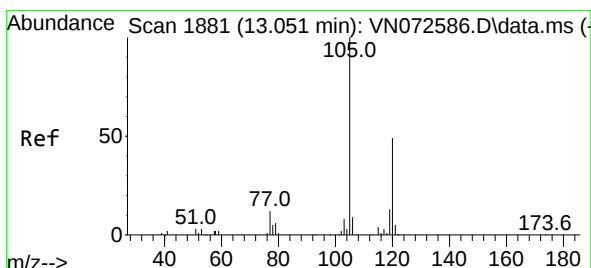
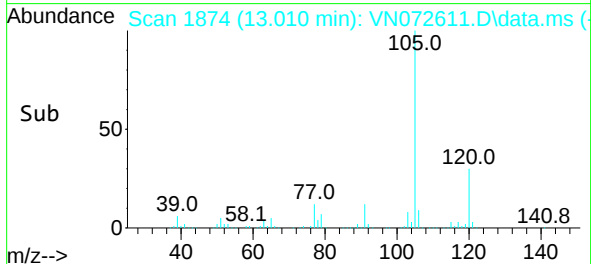
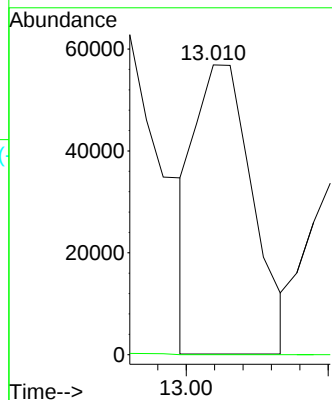
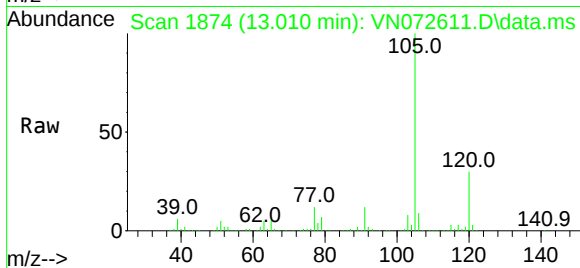




#79
2-Chlorotoluene
Concen: 7.115 ug/l
RT: 13.010 min Scan# 1873
Delta R.T. 0.006 min
Lab File: VN072611.D
Acq: 25 May 2022 01:20

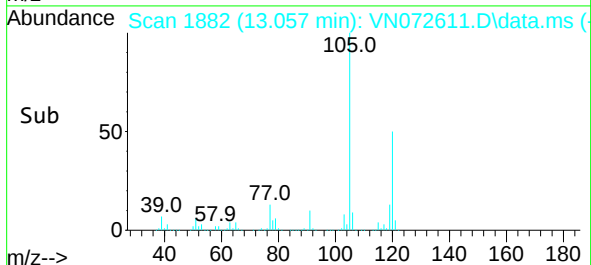
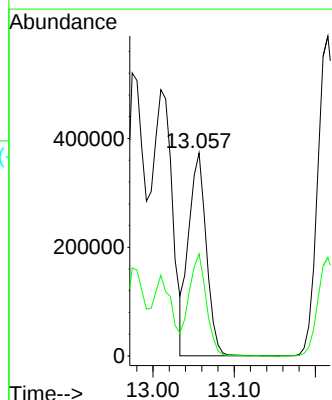
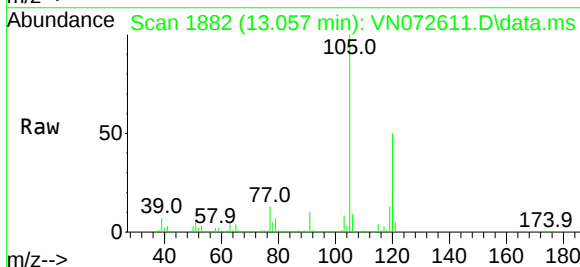
Instrument :
MSVOA_N
ClientSampleId :
DUP-051922

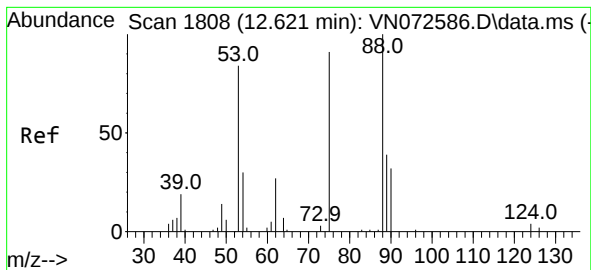
Tgt Ion: 91 Resp: 80437
Ion Ratio Lower Upper
91 100
126 0.0 17.3 51.9#



#80
1,3,5-Trimethylbenzene
Concen: 44.120 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.006 min
Lab File: VN072611.D
Acq: 25 May 2022 01:20

Tgt Ion: 105 Resp: 566357
Ion Ratio Lower Upper
105 100
120 49.3 24.9 74.7

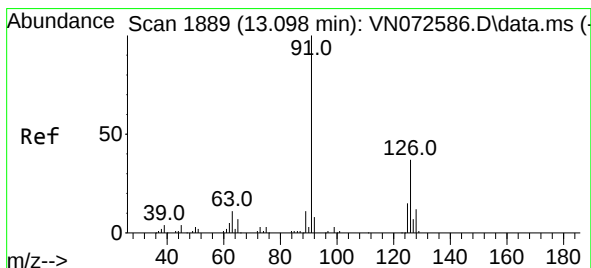
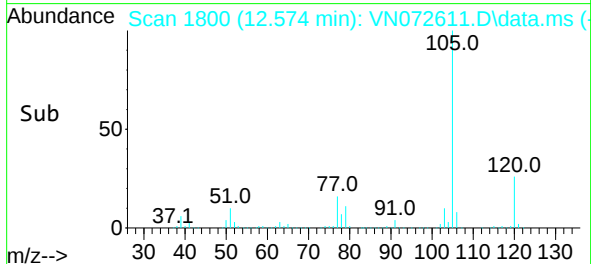
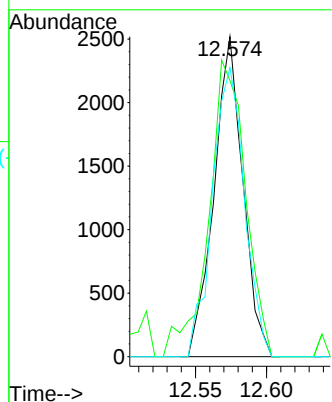
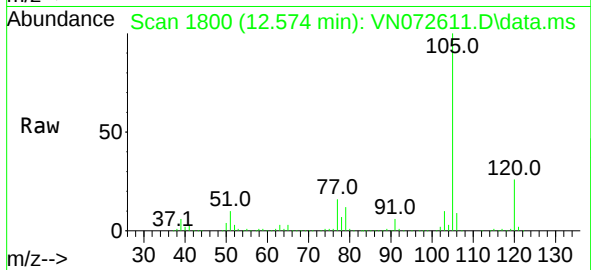




#81
trans-1,4-Dichloro-2-butene
Concen: 2.080 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. -0.047 min
Lab File: VN072611.D
Acq: 25 May 2022 01:20

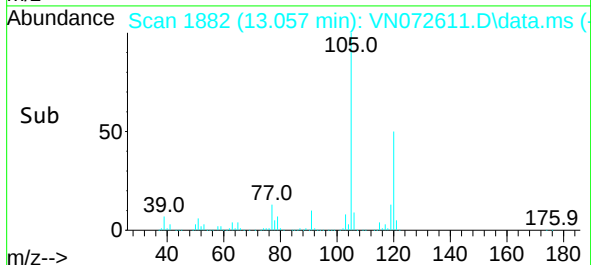
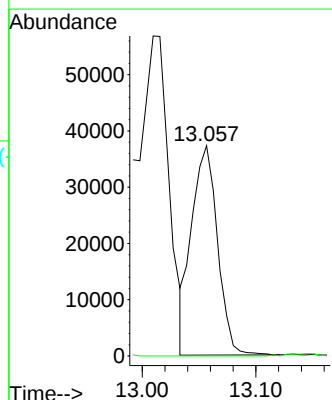
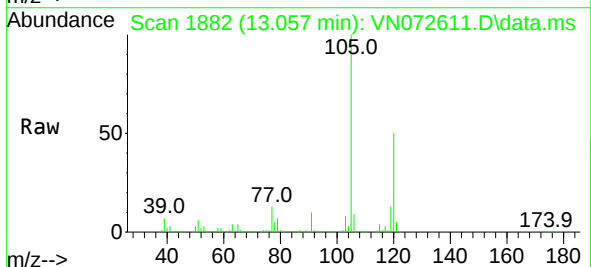
Instrument :
MSVOA_N
ClientSampleId :
DUP-051922

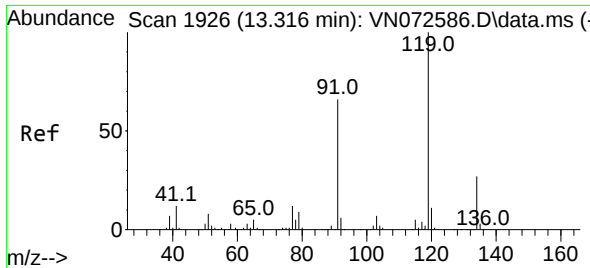
Tgt Ion: 75 Resp: 3565
Ion Ratio Lower Upper
75 100
53 117.6 78.0 117.0#
89 100.3 37.2 55.8#



#82
4-Chlorotoluene
Concen: 5.709 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. -0.041 min
Lab File: VN072611.D
Acq: 25 May 2022 01:20

Tgt Ion: 91 Resp: 59021
Ion Ratio Lower Upper
91 100
126 0.0 17.2 51.6#

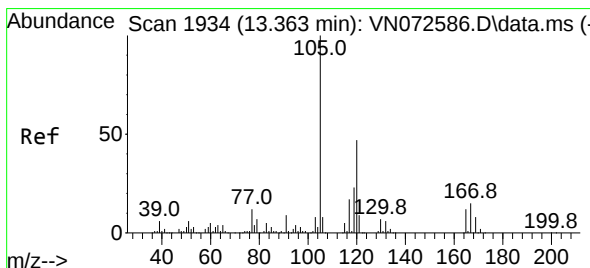
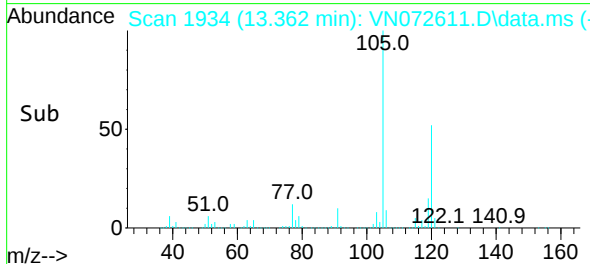
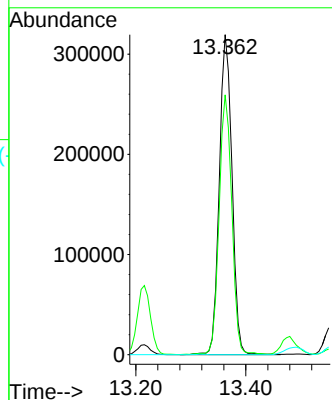
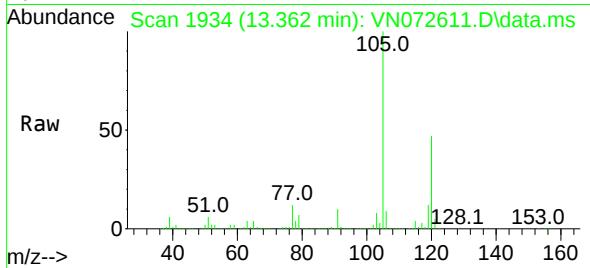




#83
tert-Butylbenzene
Concen: 42.779 ug/l
RT: 13.362 min Scan# 1934
Delta R.T. 0.046 min
Lab File: VN072611.D
Acq: 25 May 2022 01:20

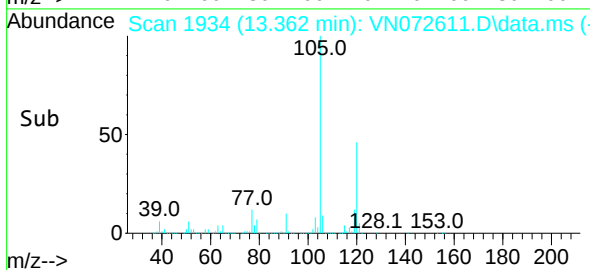
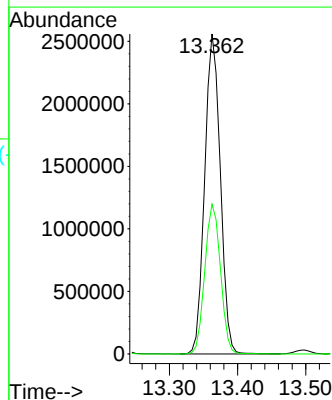
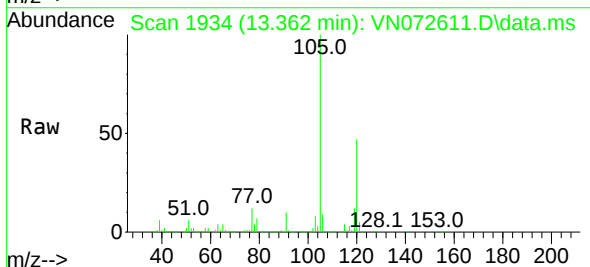
Instrument :
MSVOA_N
ClientSampleId :
DUP-051922

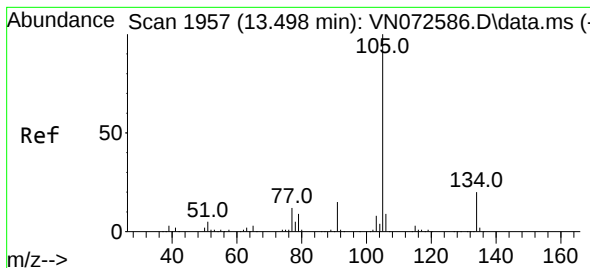
Tgt Ion:119 Resp: 511381
Ion Ratio Lower Upper
119 100
91 81.5 31.6 94.8
134 0.0 13.7 41.1#



#84
1,2,4-Trimethylbenzene
Concen: 324.244 ug/l
RT: 13.362 min Scan# 1934
Delta R.T. -0.001 min
Lab File: VN072611.D
Acq: 25 May 2022 01:20

Tgt Ion:105 Resp: 4081594
Ion Ratio Lower Upper
105 100
120 47.1 23.3 69.8





#85

sec-Butylbenzene

Concen: 255.325 ug/l

RT: 13.362 min Scan# 1957

Delta R.T. -0.136 min

Lab File: VN072611.D

Acq: 25 May 2022 01:20

Instrument :

MSVOA_N

ClientSampleId :

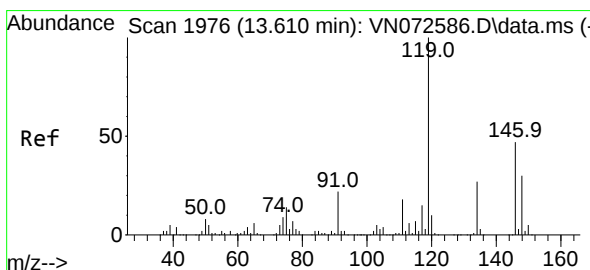
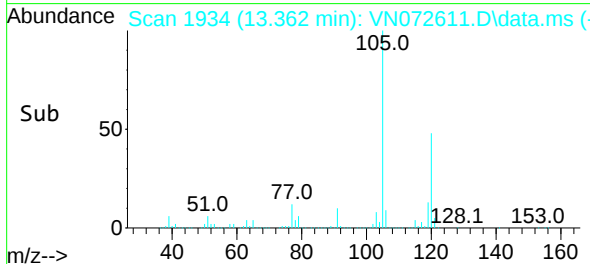
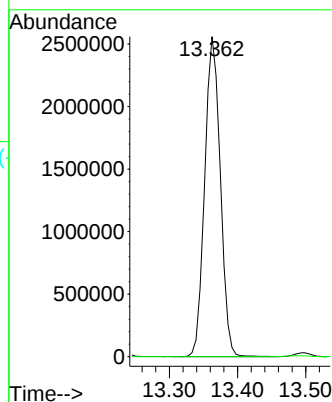
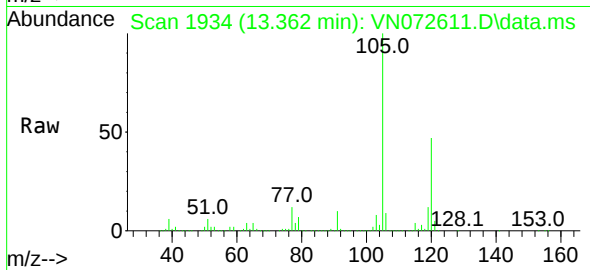
DUP-051922

Tgt Ion:105 Resp: 4081594

Ion Ratio Lower Upper

105 100

134 0.0 10.4 31.1#



#86

p-Isopropyltoluene

Concen: 1.923 ug/l

RT: 13.610 min Scan# 1976

Delta R.T. -0.000 min

Lab File: VN072611.D

Acq: 25 May 2022 01:20

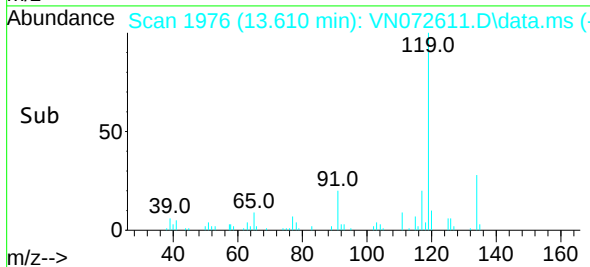
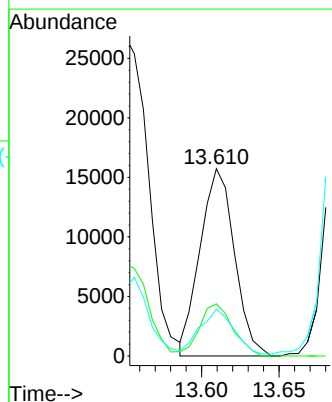
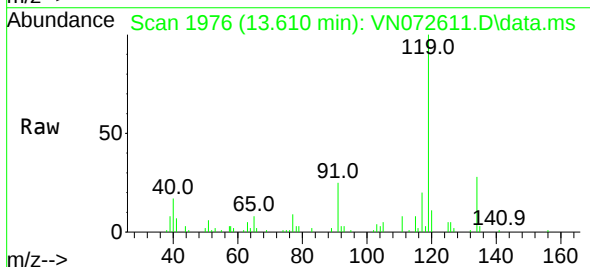
Tgt Ion:119 Resp: 24235

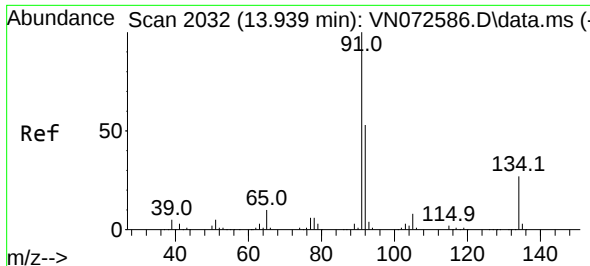
Ion Ratio Lower Upper

119 100

134 27.2 13.3 39.8

91 0.0 11.3 33.9#





#89

n-Butylbenzene

Concen: 5.158 ug/l

RT: 13.933 min Scan# 2032

Delta R.T. -0.006 min

Lab File: VN072611.D

Acq: 25 May 2022 01:20

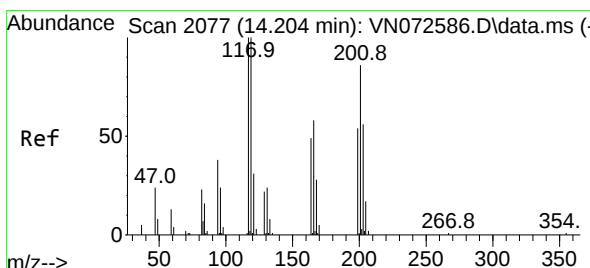
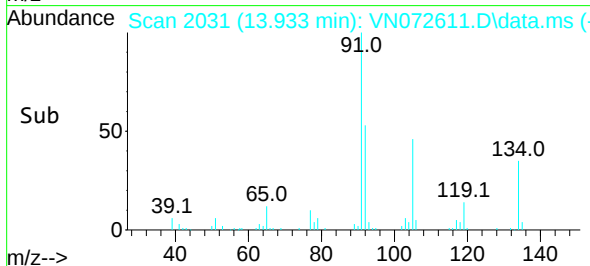
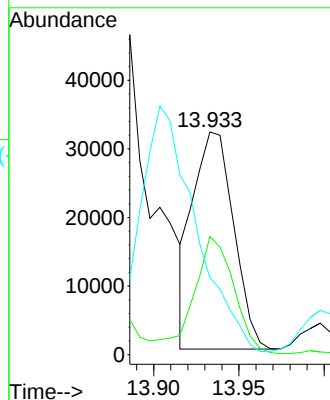
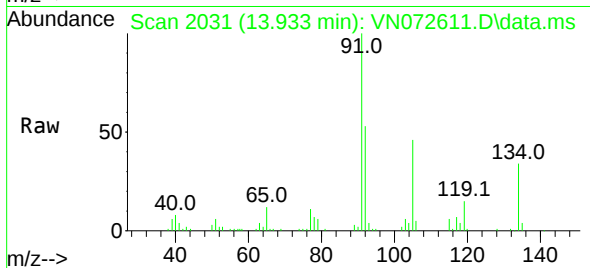
Instrument :

MSVOA_N

ClientSampleId :

DUP-051922

Tgt Ion:	91	Resp:	52454
Ion Ratio	Lower	Upper	
91	100		
92	52.4	26.9	80.7
134	0.0	13.6	40.8



#90

Hexachloroethane

Concen: 12.483 ug/l

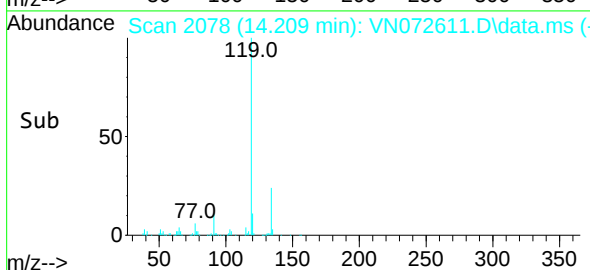
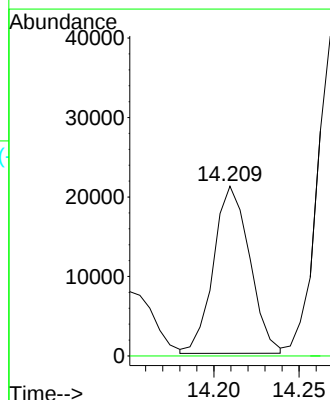
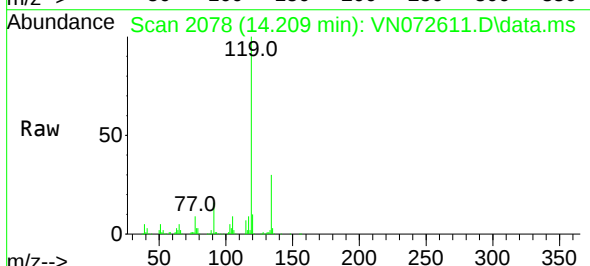
RT: 14.209 min Scan# 2078

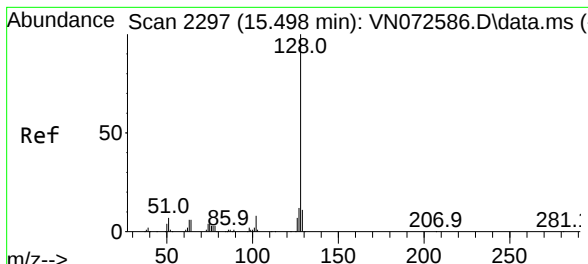
Delta R.T. 0.005 min

Lab File: VN072611.D

Acq: 25 May 2022 01:20

Tgt Ion:	117	Resp:	31105
Ion Ratio	Lower	Upper	
117	100		
201	0.0	40.6	122.0





#95
 Naphthalene
 Concen: 84.997 ug/l
 RT: 15.498 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN072611.D
 Acq: 25 May 2022 01:20

Instrument :
 MSVOA_N
 ClientSampleId :
 DUP-051922

Tgt Ion:	128	Resp:	980039
Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.3	15.5
129	10.9	8.6	13.0

