

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090222\
 Data File : VN074311.D
 Acq On : 03 Sep 2022 01:51
 Operator : JC\MD
 Sample : N4355-07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DUP082322

Quant Time: Sep 03 04:43:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N090222W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 03 04:35:33 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.022	168	436005	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	775813	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	761692	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	474842	50.000	ug/l	# 0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	291820	42.936	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	85.880%
35) Dibromofluoromethane	7.951	113	250682	48.762	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.520%
50) Toluene-d8	10.380	98	949676	46.847	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	93.700%
62) 4-Bromofluorobenzene	12.669	95	428879	57.373	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	114.740%

Target Compounds						Qvalue
3) Chloromethane	2.269	50	2101	0.353	ug/l	# 86
6) Chloroethane	3.028	64	1946	0.223	ug/l	# 66
11) Tert butyl alcohol	5.281	59	11344	9.200	ug/l	# 72
13) Acrolein	3.928	56	49902	60.130	ug/l	# 1
14) Allyl chloride	4.869	41	125127	18.130	ug/l	# 51
15) Acrylonitrile	5.540	53	75643	22.306	ug/l	# 39
16) Acetone	4.204	43	161495	56.855	ug/l	# 65
18) Methyl Acetate	4.851	43	55776	6.524	ug/l	# 48
19) Methyl tert-butyl Ether	5.528	73	99812	5.867	ug/l	# 1
20) Methylene Chloride	4.875	84	42739	7.634	ug/l	# 20
22) Diisopropyl ether	6.428	45	4526	0.279	ug/l	# 73
23) Vinyl Acetate	6.381	43	23784	1.689	ug/l	# 79
24) 1,1-Dichloroethane	6.334	63	5542	0.568	ug/l	# 82
25) 2-Butanone	7.257	43	49542	10.329	ug/l	# 94
26) 2,2-Dichloropropane	7.069	77	54731	6.902	ug/l	# 53
28) Bromochloromethane	7.763	49	4119	1.460	ug/l	# 8
29) Tetrahydrofuran	7.616	42	47168	15.412	ug/l	# 97
30) Chloroform	7.769	83	12426	1.151	ug/l	# 83
31) Cyclohexane	8.022	56	3698530	407.441	ug/l	# 98
36) 1,1-Dichloropropene	8.022	75	44220	6.061	ug/l	# 1
37) Ethyl Acetate	7.257	43	49542	5.191	ug/l	# 67
38) Carbon Tetrachloride	8.016	117	48313	6.554	ug/l	# 14
39) Methylcyclohexane	9.398	83	1758173	199.996	ug/l	# 98
40) Benzene	8.392	78	1376979	59.822	ug/l	# 100
41) Methacrylonitrile	7.610	41	40614	9.463	ug/l	# 41
42) 1,2-Dichloroethane	8.457	62	7903	0.923	ug/l	# 74
43) Isopropyl Acetate	8.481	43	127944	9.226	ug/l	# 55
48) Methyl methacrylate	9.575	41	115188	18.901	ug/l	# 58
51) 4-Methyl-2-Pentanone	10.269	43	6239	0.643	ug/l	# 91
52) Toluene	10.445	92	2046575	143.881	ug/l	# 98
55) 1,1,2-Trichloroethane	10.816	97	78701	12.896	ug/l	# 20
56) Ethyl methacrylate	10.722	69	17556	1.932	ug/l	# 22
58) 2-Chloroethyl Vinyl ether	9.963	63	1454	0.327	ug/l	# 59
59) 2-Hexanone	11.022	43	13887	1.891	ug/l	# 49
65) Chlorobenzene	11.863	112	11180	0.669	ug/l	# 51
68) m/p-Xylenes	11.780	106	14090046	1229.703	ug/l	# 1

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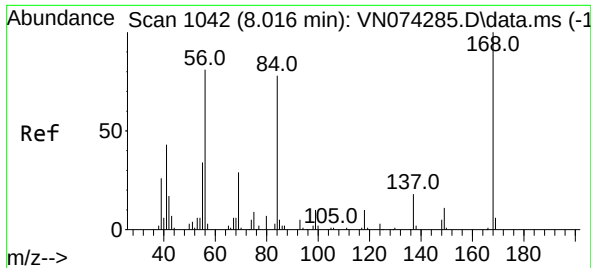
Instrument :
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 Response via : Initial Calibration

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

69) o-Xylene	12.222	106	7911260	691.787	ug/l	90
70) Styrene	12.222	104	498474	27.220	ug/l #	1
73) Isopropylbenzene	12.516	105	2342065	56.327	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.780	83	5722	0.371	ug/l	64
76) 1,2,3-Trichloropropane	12.857	75	49720	3.697	ug/l #	1
77) Bromobenzene	12.680	156	24956	2.704	ug/l #	1
78) n-propylbenzene	12.857	91	7801509	164.144	ug/l	96
79) 2-Chlorotoluene	12.957	91	1164289	39.899	ug/l #	40
80) 1,3,5-Trimethylbenzene	12.998	105	7113481	213.370	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.516	75	32462	7.836	ug/l #	73
82) 4-Chlorotoluene	12.998	91	821114	29.973	ug/l #	40
83) tert-Butylbenzene	13.310	119	8618470	284.826	ug/l #	57
84) 1,2,4-Trimethylbenzene	13.157	105	12736629	377.145	ug/l	76
85) sec-Butylbenzene	13.645	105	13227628	313.121	ug/l #	56
86) p-Isopropyltoluene	13.498	119	446149	13.557	ug/l #	78
88) 1,4-Dichlorobenzene	13.633	146	778	0.212	ug/l #	1
89) n-Butylbenzene	13.880	91	370579	12.907	ug/l #	77
90) Hexachloroethane	14.157	117	284684	44.470	ug/l #	9
92) 1,2-Dibromo-3-Chloropr...	14.551	75	1481	0.442	ug/l #	5
93) 1,2,4-Trichlorobenzene	15.186	180	147	0.871	ug/l #	1
95) Naphthalene	15.433	128	14807840	425.061	ug/l	99
96) 1,2,3-Trichlorobenzene	15.621	180	60	0.419	ug/l #	48

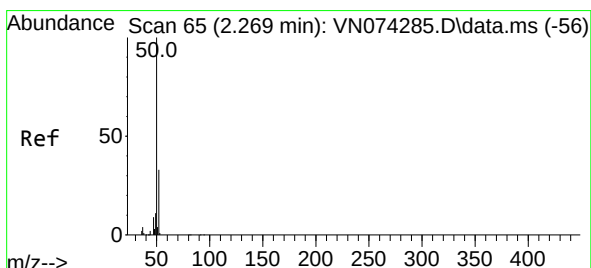
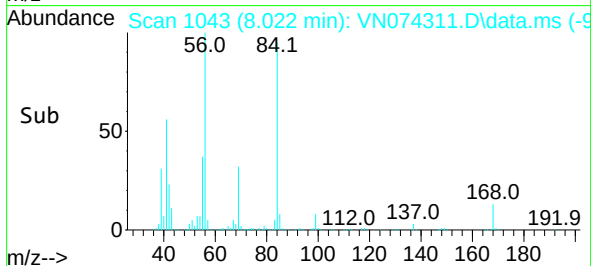
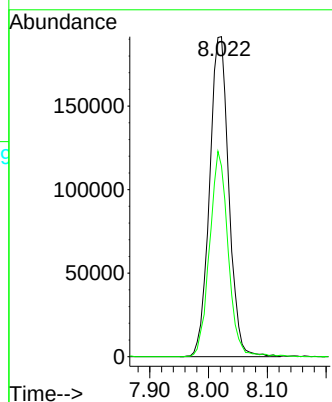
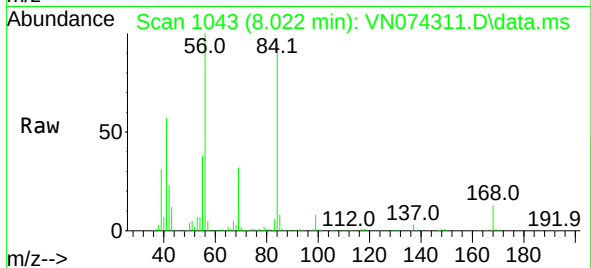
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. 0.006 min
Lab File: VN074311.D
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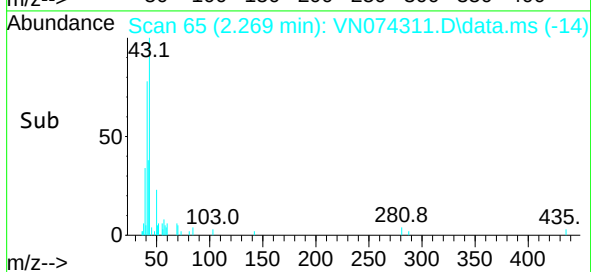
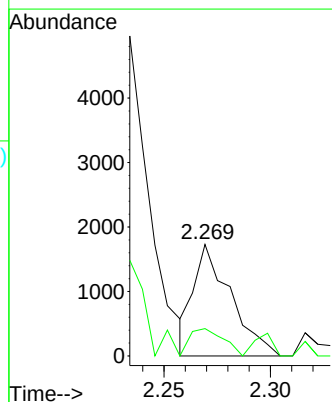
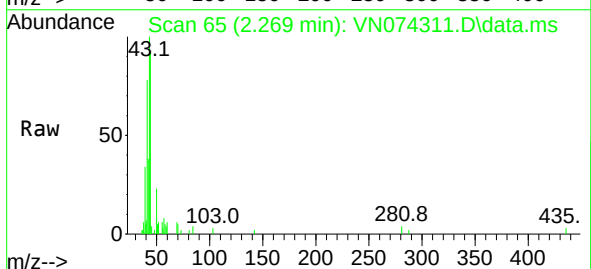
Instrument :
MSVOA_N
ClientSampleId :
DUP082322

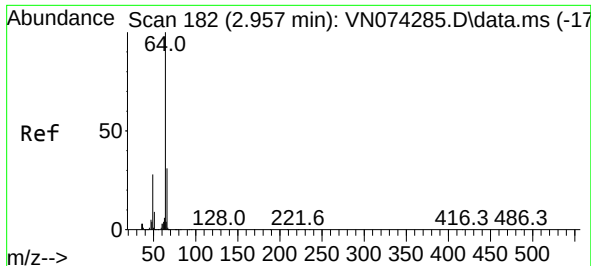
Tgt Ion:168 Resp: 436005
Ion Ratio Lower Upper
168 100
99 59.5 42.3 63.5



#3
Chloromethane
Concen: 0.353 ug/l
RT: 2.269 min Scan# 65
Delta R.T. 0.000 min
Lab File: VN074311.D
Acq: 03 Sep 2022 01:51

Tgt Ion: 50 Resp: 2101
Ion Ratio Lower Upper
50 100
52 24.6 25.7 38.5#

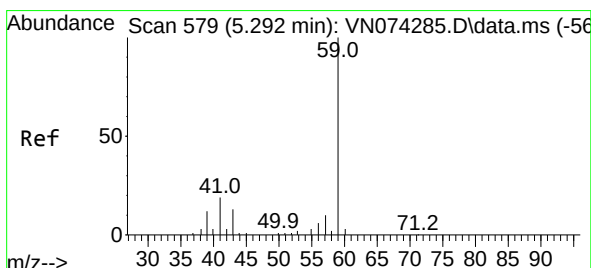
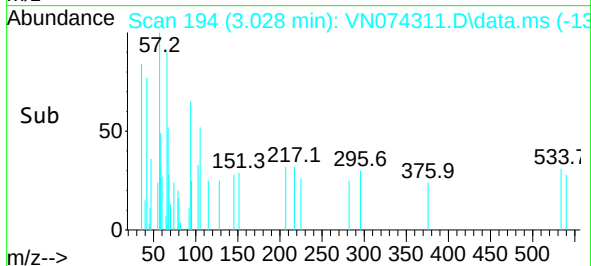
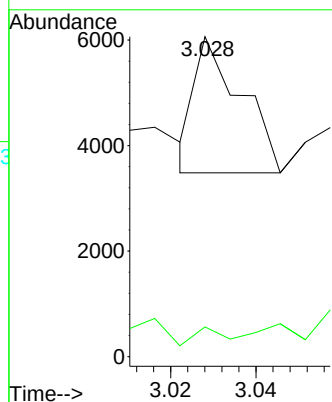
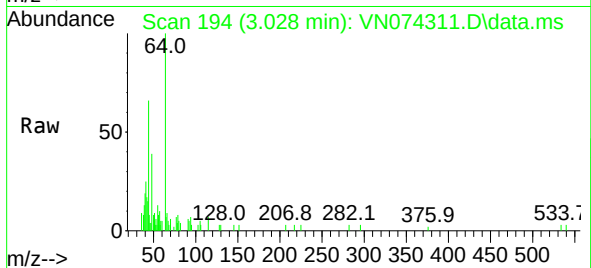




#6
Chloroethane
Concen: 0.223 ug/l
RT: 3.028 min Scan# 194
Delta R.T. 0.077 min
Lab File: VN074311.D
Acq: 03 Sep 2022 01:51

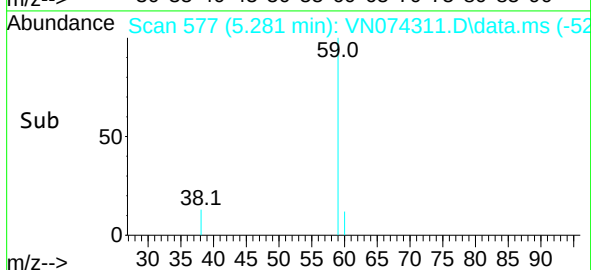
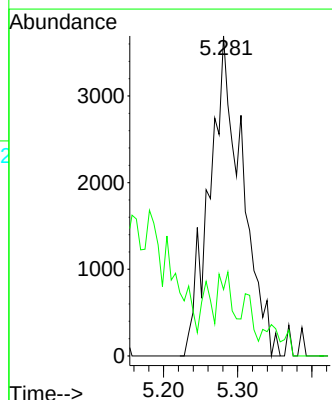
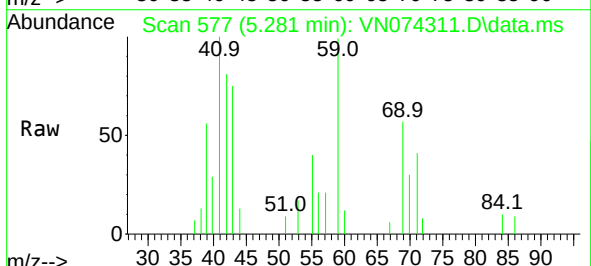
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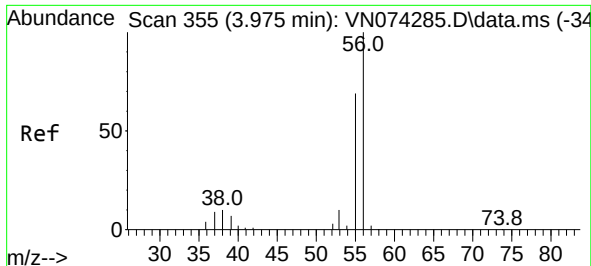
Tgt Ion: 64 Resp: 1946
Ion Ratio Lower Upper
64 100
66 13.8 26.2 39.4#



#11
Tert butyl alcohol
Concen: 9.200 ug/l
RT: 5.281 min Scan# 577
Delta R.T. -0.006 min
Lab File: VN074311.D
Acq: 03 Sep 2022 01:51

Tgt Ion: 59 Resp: 11344
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#





#13

Acrolein

Concen: 60.130 ug/l

RT: 3.928 min Scan# 34

Delta R.T. -0.047 min

Lab File: VN074311.D

Acq: 03 Sep 2022 01:51

Instrument :

MSVOA_N

ClientSampleId :

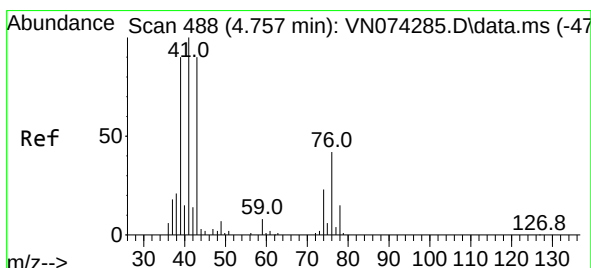
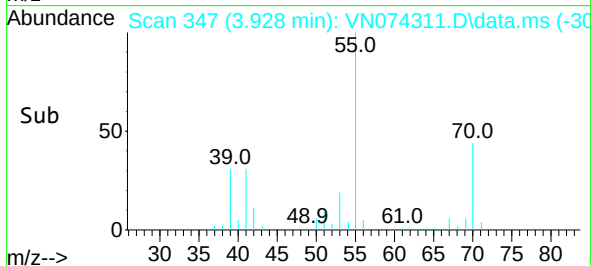
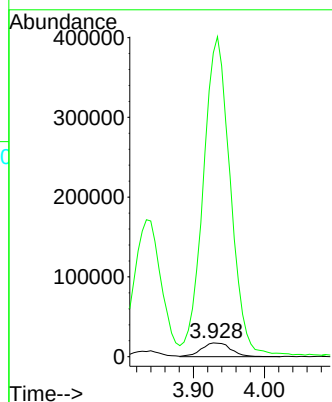
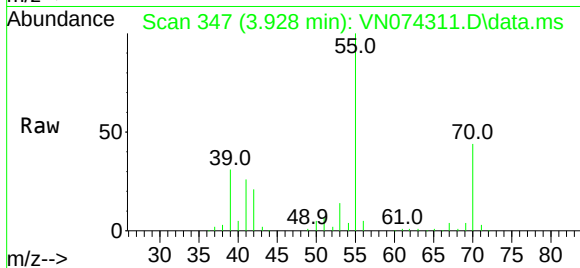
DUP082322

Tgt Ion: 56 Resp: 49902

Ion Ratio Lower Upper

56 100

55 2108.8 54.8 82.2#



#14

Allyl chloride

Concen: 18.130 ug/l

RT: 4.869 min Scan# 507

Delta R.T. 0.112 min

Lab File: VN074311.D

Acq: 03 Sep 2022 01:51

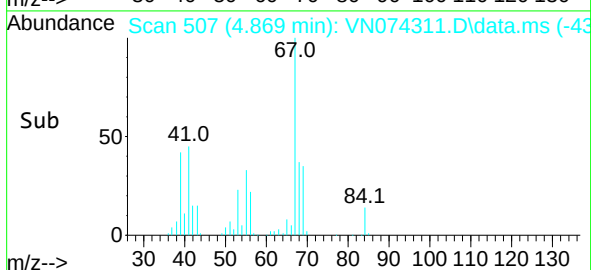
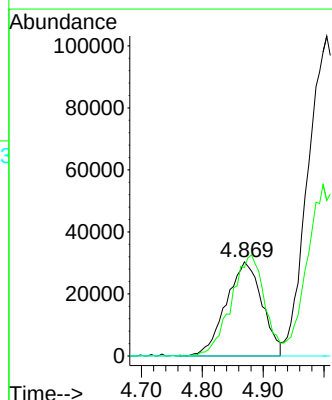
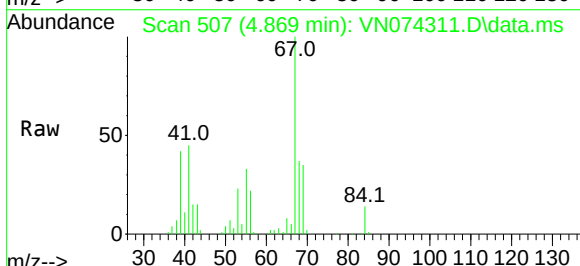
Tgt Ion: 41 Resp: 125127

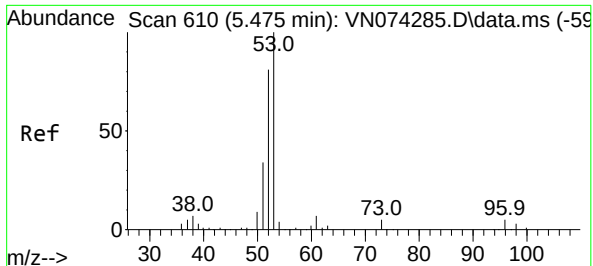
Ion Ratio Lower Upper

41 100

39 100.1 53.2 79.8#

76 0.0 29.9 44.9#





#15

Acrylonitrile

Concen: 22.306 ug/l

RT: 5.540 min Scan# 610

Delta R.T. 0.071 min

Lab File: VN074311.D

Acq: 03 Sep 2022 01:51

Instrument :

MSVOA_N

ClientSampleId :

DUP082322

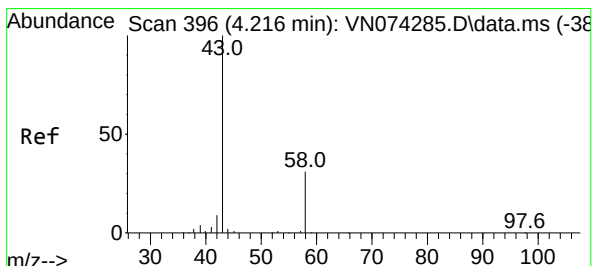
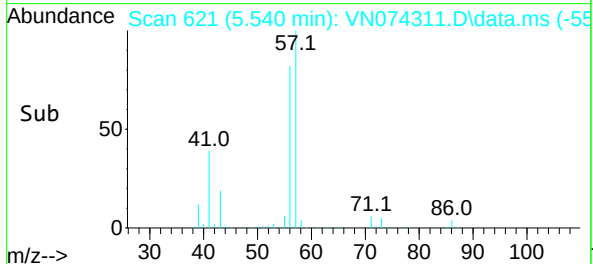
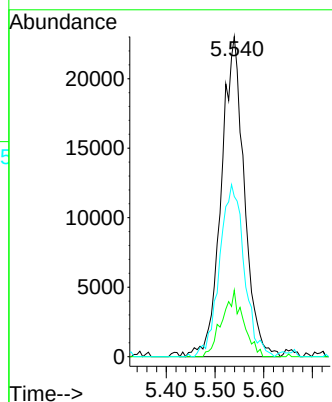
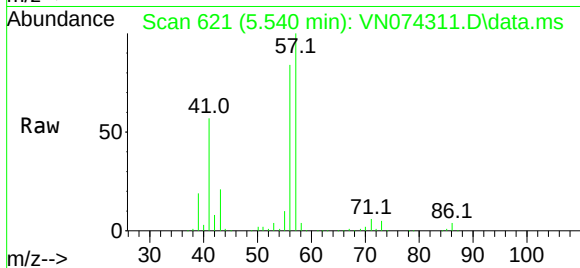
Tgt Ion: 53 Resp: 75643

Ion Ratio Lower Upper

53 100

52 19.1 66.4 99.6#

51 57.6 28.5 42.7#



#16

Acetone

Concen: 56.855 ug/l

RT: 4.204 min Scan# 394

Delta R.T. -0.018 min

Lab File: VN074311.D

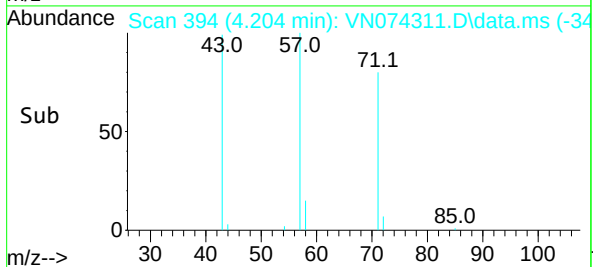
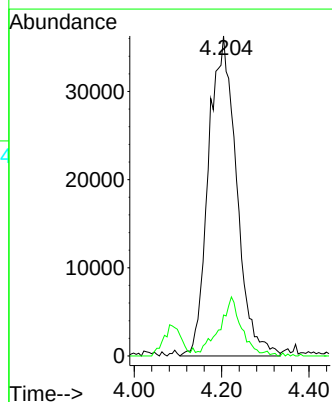
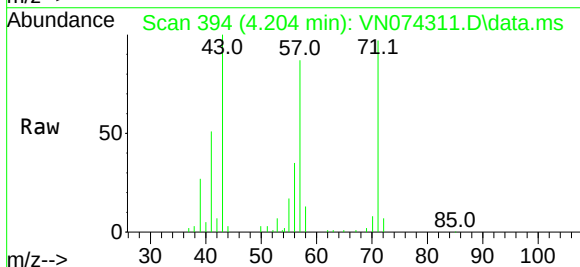
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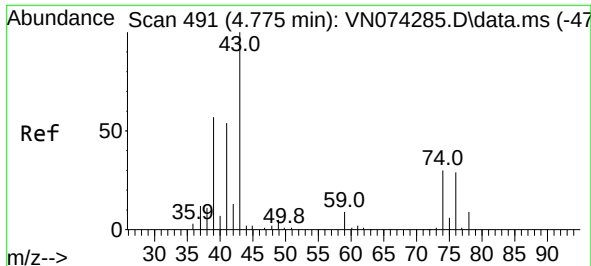
Tgt Ion: 43 Resp: 161495

Ion Ratio Lower Upper

43 100

58 12.8 26.0 39.0#

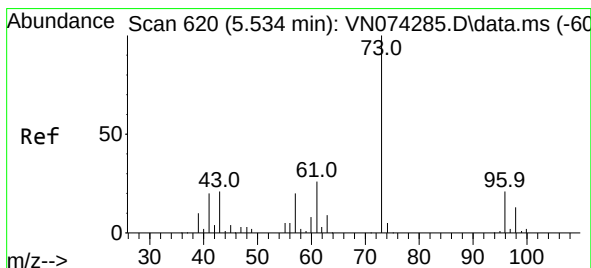
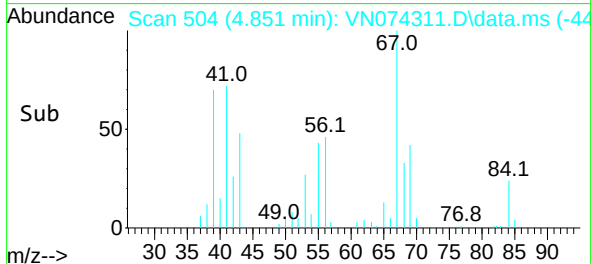
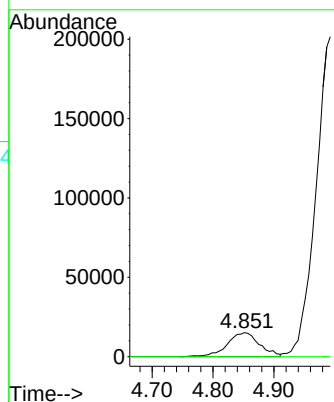
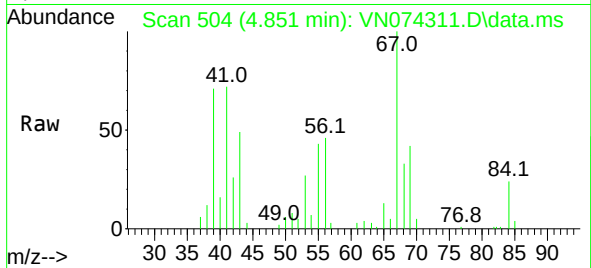




#18
Methyl Acetate
Concen: 6.524 ug/l
RT: 4.851 min Scan# 504
Delta R.T. 0.076 min
Lab File: VN074311.D
Acq: 03 Sep 2022 01:51

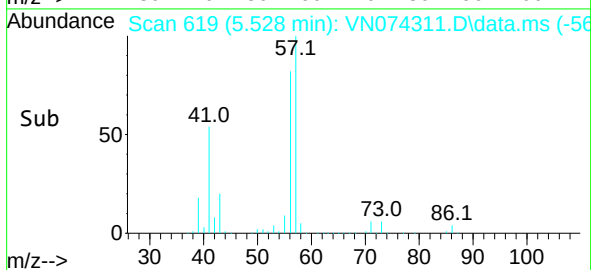
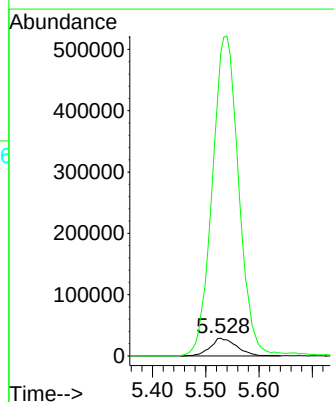
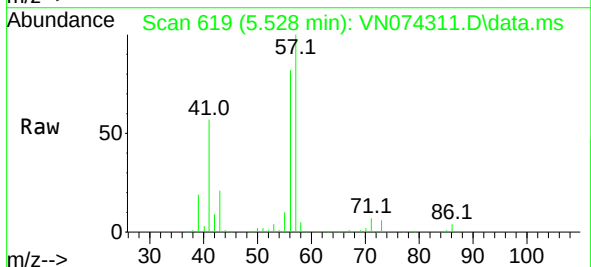
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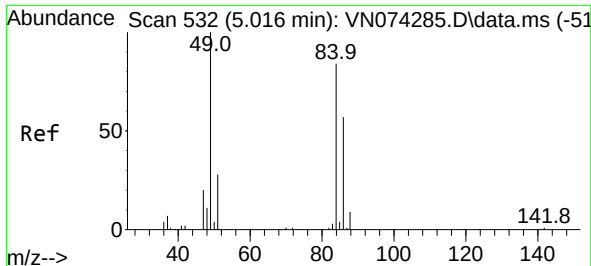
Tgt Ion: 43 Resp: 55776
Ion Ratio Lower Upper
43 100
74 0.0 21.6 32.4#



#19
Methyl tert-butyl Ether
Concen: 5.867 ug/l
RT: 5.528 min Scan# 619
Delta R.T. -0.006 min
Lab File: VN074311.D
Acq: 03 Sep 2022 01:51

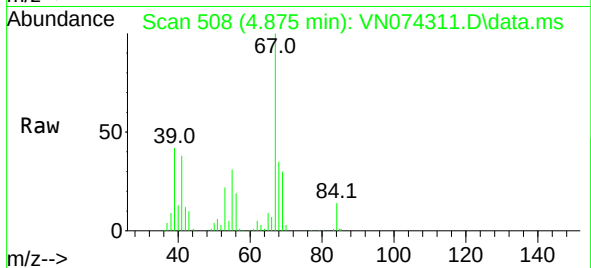
Tgt Ion: 73 Resp: 99812
Ion Ratio Lower Upper
73 100
57 1698.5 17.6 26.4#



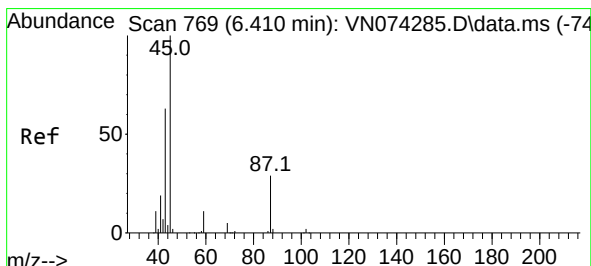
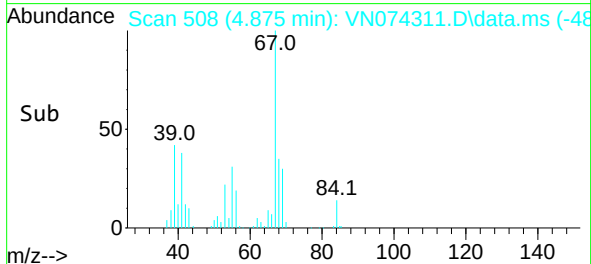
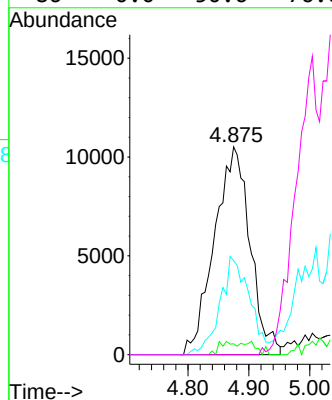


#20
Methylene Chloride
Concen: 7.634 ug/l
RT: 4.875 min Scan# 508
Delta R.T. -0.135 min
Lab File: VN074311.D
Acq: 03 Sep 2022 01:51

Instrument :
MSVOA_N
ClientSampleId :
DUP082322

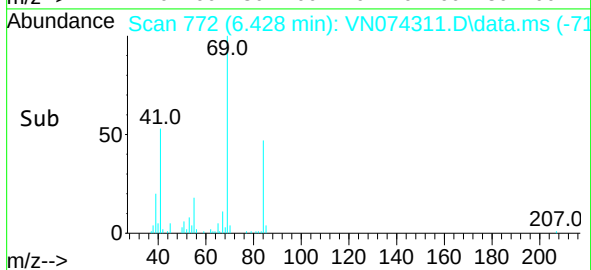
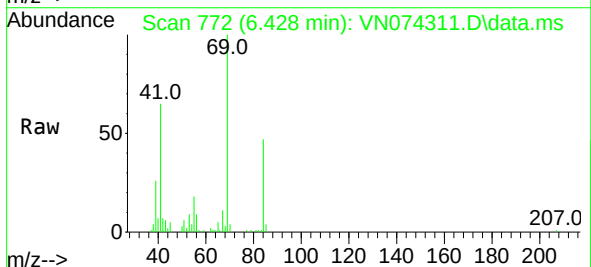
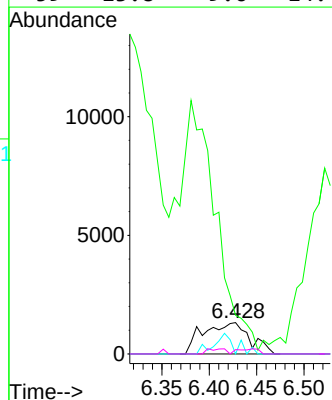


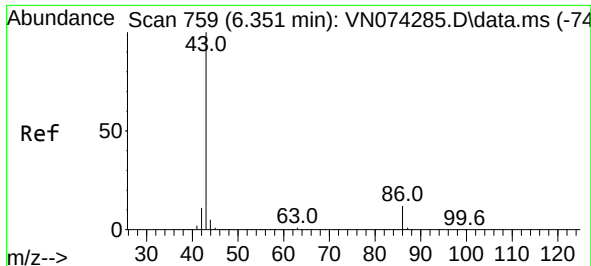
Tgt Ion: 84	Resp: 42739
Ion Ratio	Lower Upper
84 100	
49 5.2	88.3 132.5#
51 45.3	28.2 42.2#
86 0.0	50.6 76.0#



#22
Diisopropyl ether
Concen: 0.279 ug/l
RT: 6.428 min Scan# 772
Delta R.T. 0.012 min
Lab File: VN074311.D
Acq: 03 Sep 2022 01:51

Tgt Ion: 45	Resp: 4526
Ion Ratio	Lower Upper
45 100	
43 70.6	46.6 70.0#
87 0.0	24.3 36.5#
59 13.8	9.6 14.4

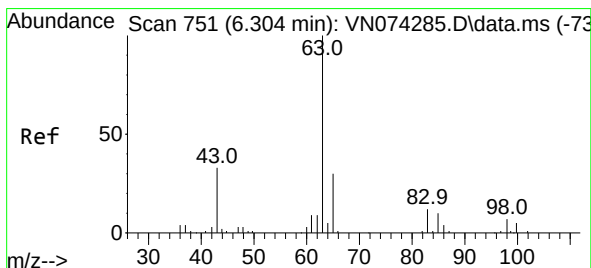
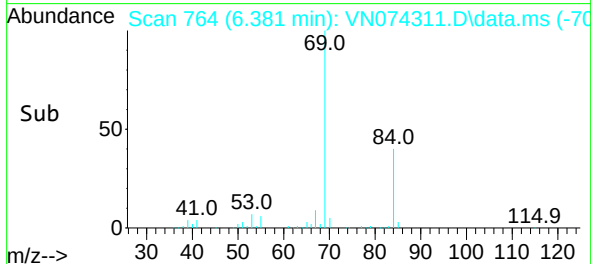
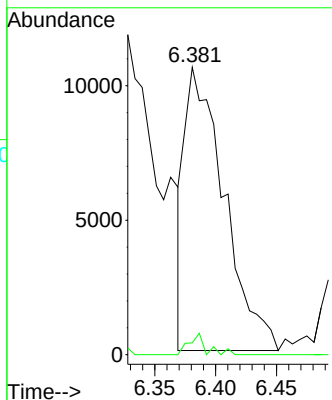
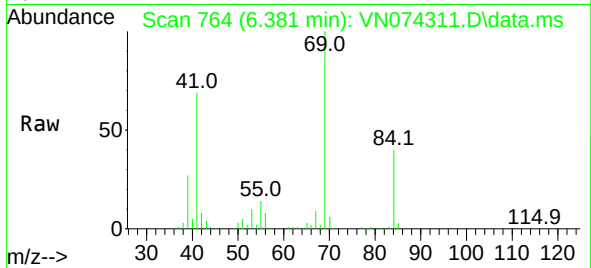




#23
 Vinyl Acetate
 Concen: 1.689 ug/l
 RT: 6.381 min Scan# 759
 Delta R.T. 0.030 min
 Lab File: VN074311.D
 Acq: 03 Sep 2022 01:51

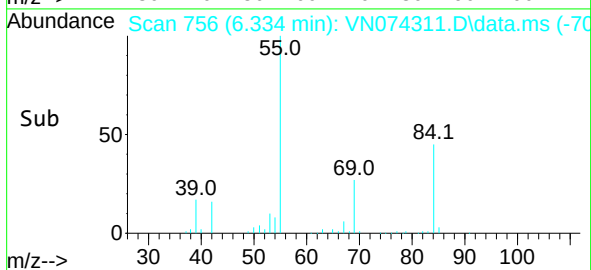
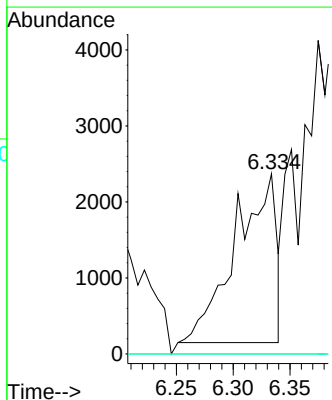
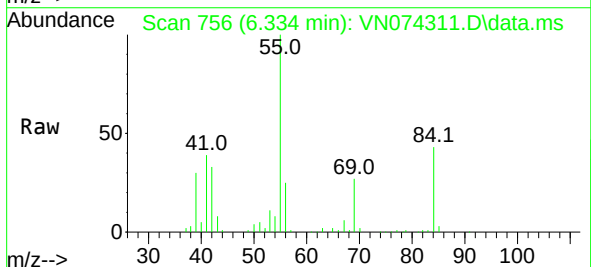
Instrument :
 MSVOA_N
 ClientSampleId :
 DUP082322

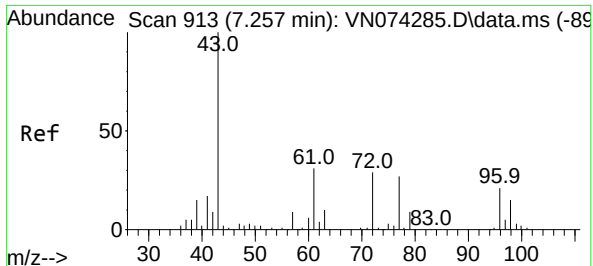
Tgt Ion: 43 Resp: 23784
 Ion Ratio Lower Upper
 43 100
 86 4.2 10.0 15.0#



#24
 1,1-Dichloroethane
 Concen: 0.568 ug/l
 RT: 6.334 min Scan# 756
 Delta R.T. 0.030 min
 Lab File: VN074311.D
 Acq: 03 Sep 2022 01:51

Tgt Ion: 63 Resp: 5542
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.5 10.4#
 100 0.0 2.3 6.8#

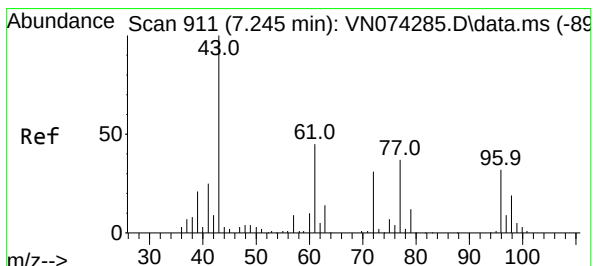
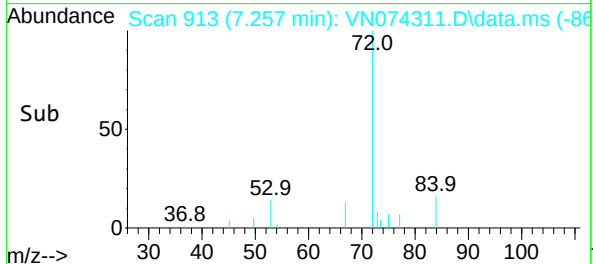
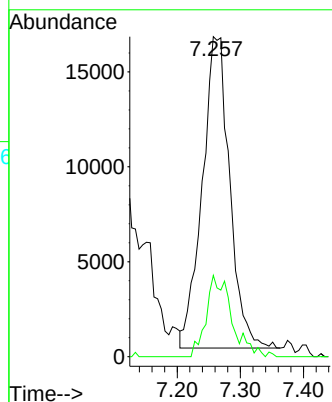
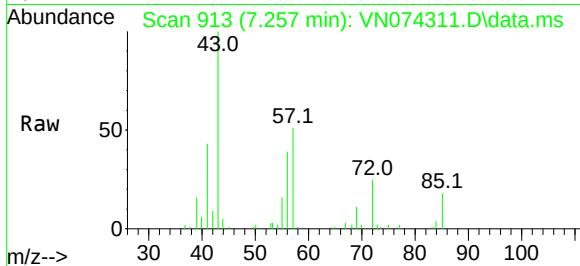




#25
2-Butanone
Concen: 10.329 ug/l
RT: 7.257 min Scan# 913
Delta R.T. 0.000 min
Lab File: VN074311.D
Acq: 03 Sep 2022 01:51

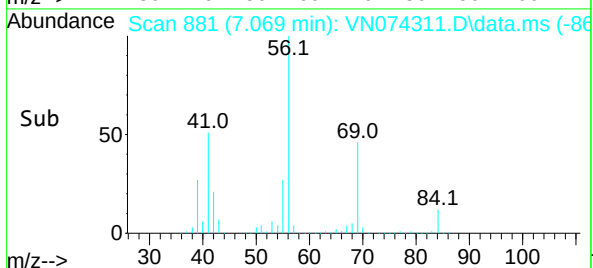
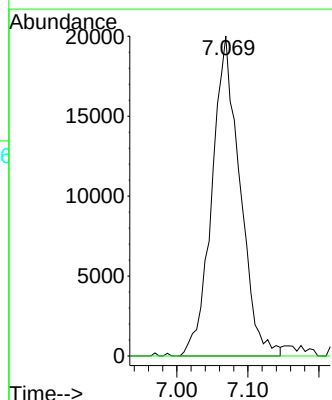
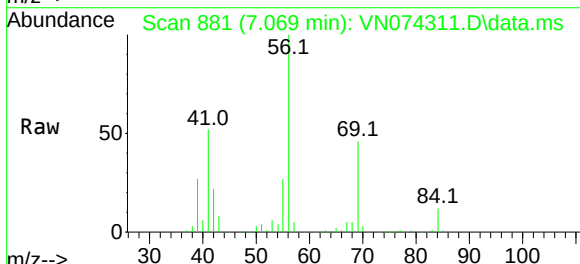
Instrument :
MSVOA_N
ClientSampleId :
DUP082322

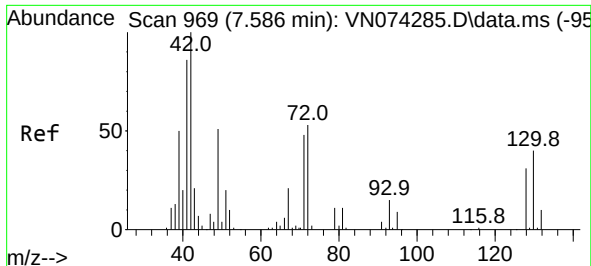
Tgt Ion: 43 Resp: 49542
Ion Ratio Lower Upper
43 100
72 26.1 23.7 35.5



#26
2,2-Dichloropropane
Concen: 6.902 ug/l
RT: 7.069 min Scan# 881
Delta R.T. -0.176 min
Lab File: VN074311.D
Acq: 03 Sep 2022 01:51

Tgt Ion: 77 Resp: 54731
Ion Ratio Lower Upper
77 100
97 0.0 11.4 34.2#

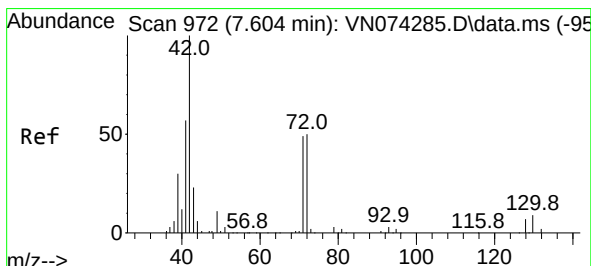
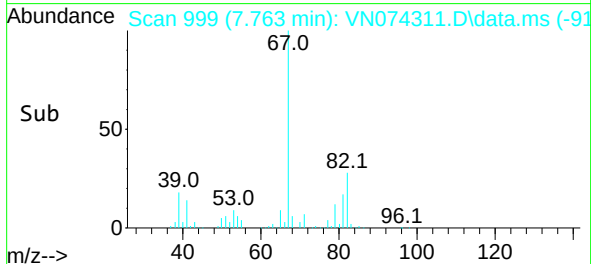
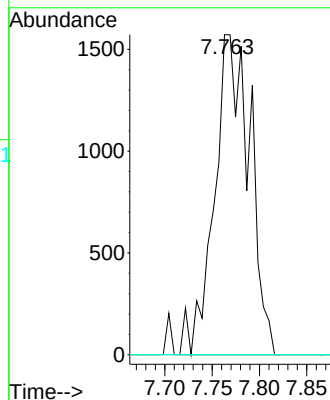
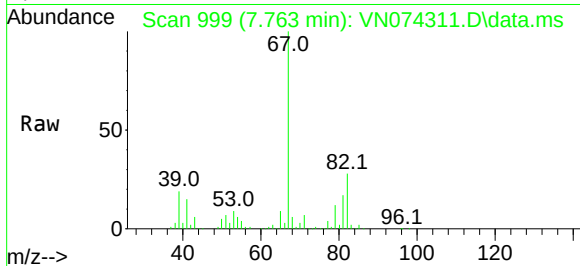




#28
Bromochloromethane
Concen: 1.460 ug/l
RT: 7.763 min Scan# 911
Delta R.T. 0.177 min
Lab File: VN074311.D
Acq: 03 Sep 2022 01:51

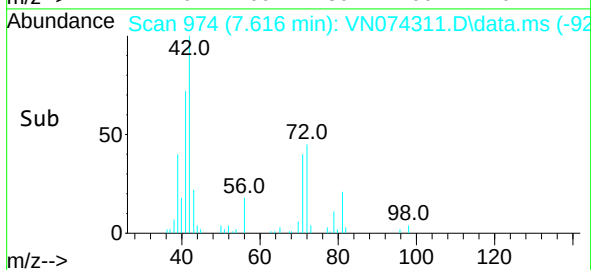
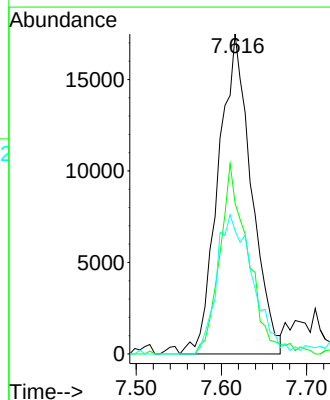
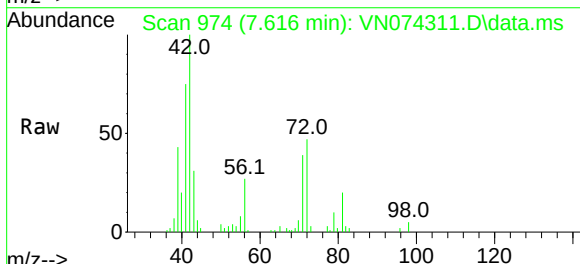
Instrument :
MSVOA_N
ClientSampleId :
DUP082322

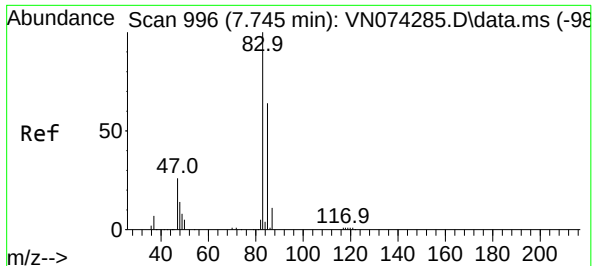
Tgt Ion: 49 Resp: 4119
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.6
130 0.0 69.7 104.5#



#29
Tetrahydrofuran
Concen: 15.412 ug/l
RT: 7.616 min Scan# 974
Delta R.T. 0.006 min
Lab File: VN074311.D
Acq: 03 Sep 2022 01:51

Tgt Ion: 42 Resp: 47168
Ion Ratio Lower Upper
42 100
72 51.6 39.7 59.5
71 47.7 36.6 55.0

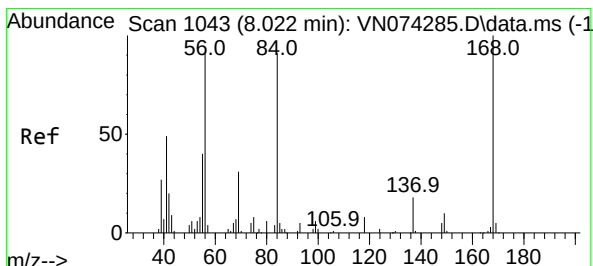
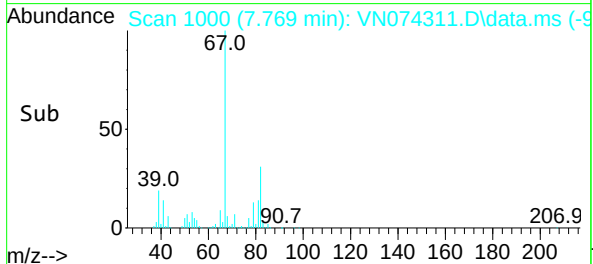
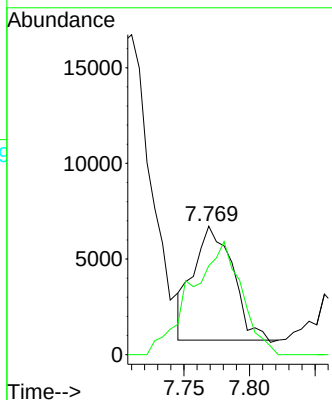
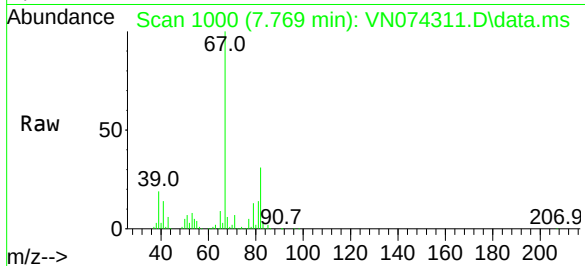




#30
Chloroform
Concen: 1.151 ug/l
RT: 7.769 min Scan# 1000
Delta R.T. 0.024 min
Lab File: VN074311.D
Acq: 03 Sep 2022 01:51

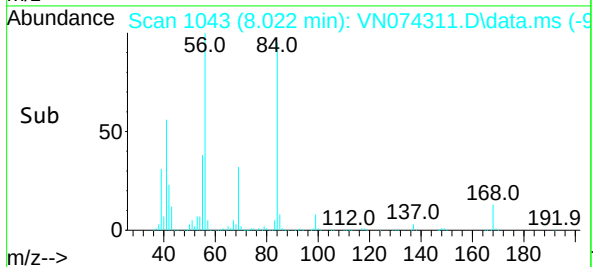
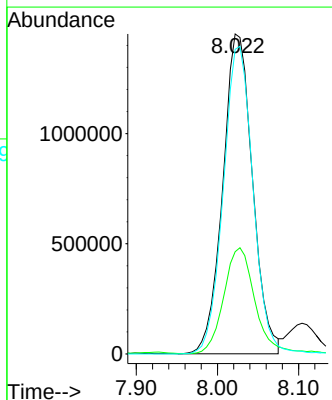
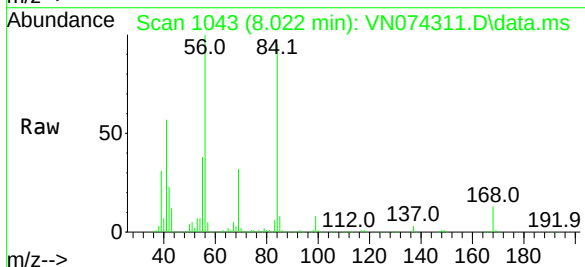
Instrument :
MSVOA_N
ClientSampleId :
DUP082322

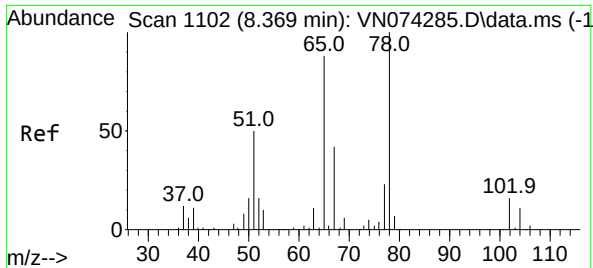
Tgt Ion: 83 Resp: 12426
Ion Ratio Lower Upper
83 100
85 78.1 51.8 77.8#



#31
Cyclohexane
Concen: 407.441 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. -0.000 min
Lab File: VN074311.D
Acq: 03 Sep 2022 01:51

Tgt Ion: 56 Resp: 3698530
Ion Ratio Lower Upper
56 100
69 31.9 27.8 41.8
84 95.3 76.9 115.3





#33

1,2-Dichloroethane-d4

Concen: 42.936 ug/l

RT: 8.375 min Scan# 1103

Delta R.T. 0.006 min

Lab File: VN074311.D

Acq: 03 Sep 2022 01:51

Instrument :

MSVOA_N

ClientSampleId :

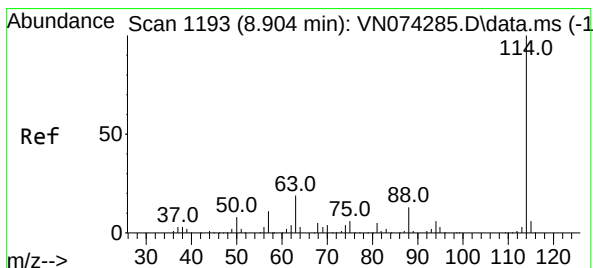
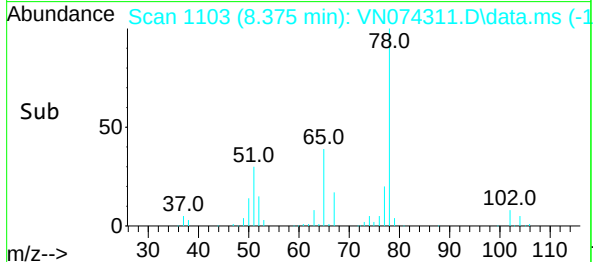
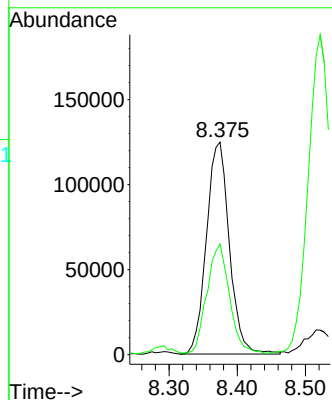
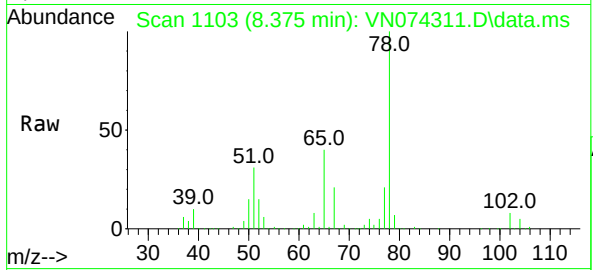
DUP082322

Tgt Ion: 65 Resp: 291820

Ion Ratio Lower Upper

65 100

67 50.1 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VN074311.D

Acq: 03 Sep 2022 01:51

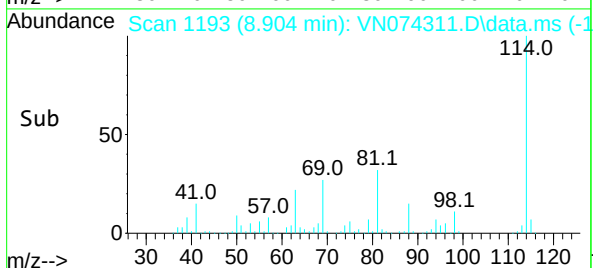
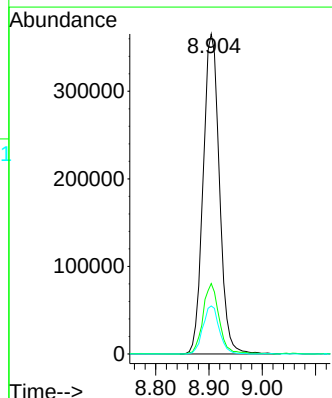
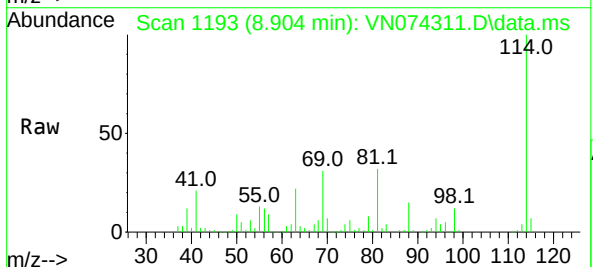
Tgt Ion: 114 Resp: 775813

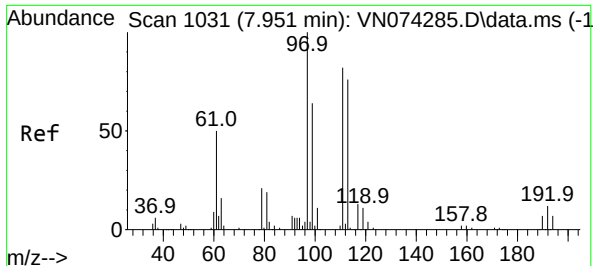
Ion Ratio Lower Upper

114 100

63 22.0 0.0 40.0

88 15.0 0.0 32.6





#35

Dibromofluoromethane

Concen: 48.762 ug/l

RT: 7.951 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VN074311.D

Acq: 03 Sep 2022 01:51

Instrument :

MSVOA_N

ClientSampleId :

DUP082322

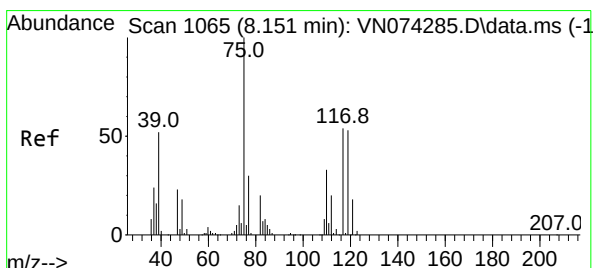
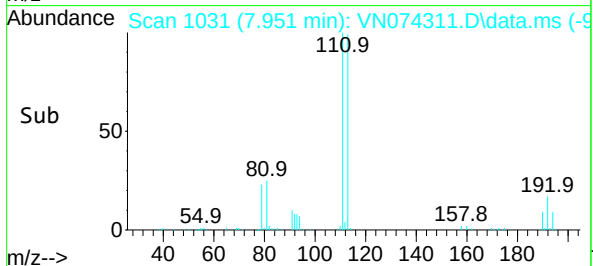
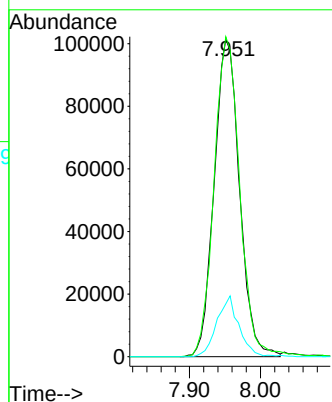
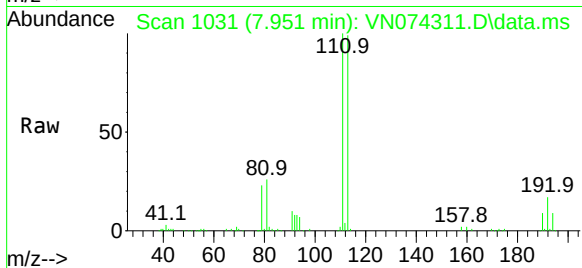
Tgt Ion:113 Resp: 250682

Ion Ratio Lower Upper

113 100

111 102.3 81.4 122.0

192 16.9 17.0 25.6#



#36

1,1-Dichloropropene

Concen: 6.061 ug/l

RT: 8.022 min Scan# 1043

Delta R.T. -0.135 min

Lab File: VN074311.D

Acq: 03 Sep 2022 01:51

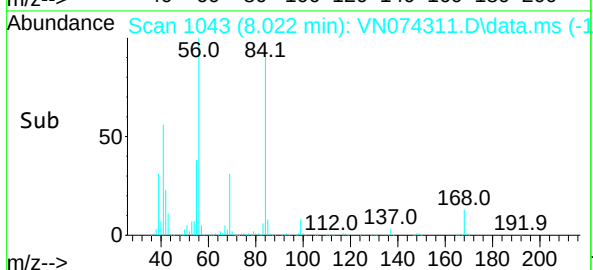
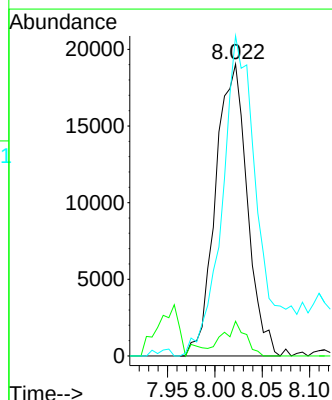
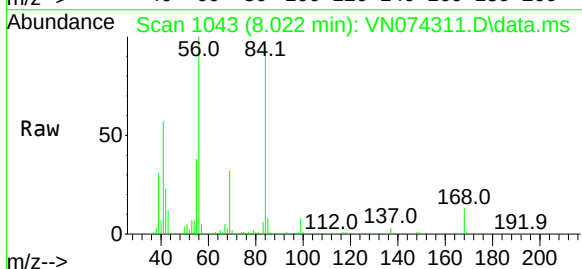
Tgt Ion: 75 Resp: 44220

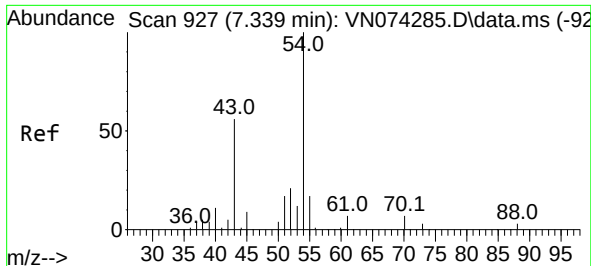
Ion Ratio Lower Upper

75 100

110 8.4 18.3 54.8#

77 125.2 25.1 37.7#

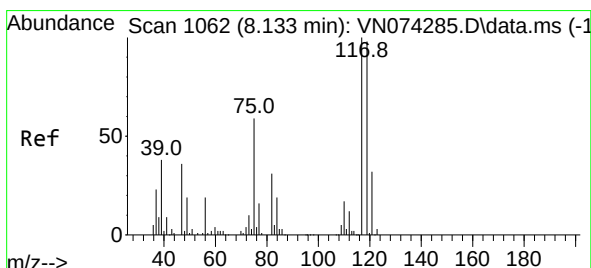
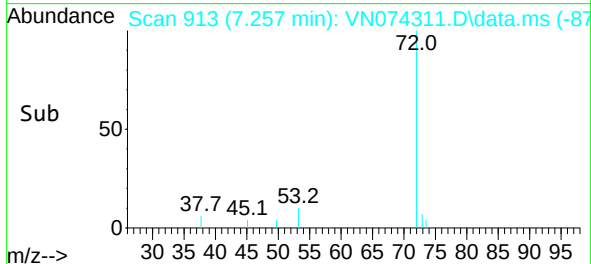
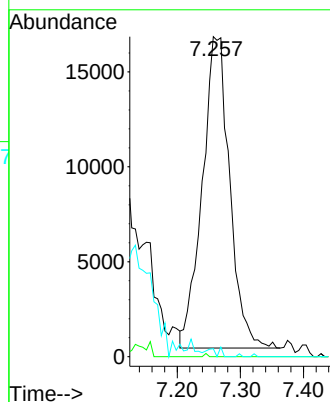
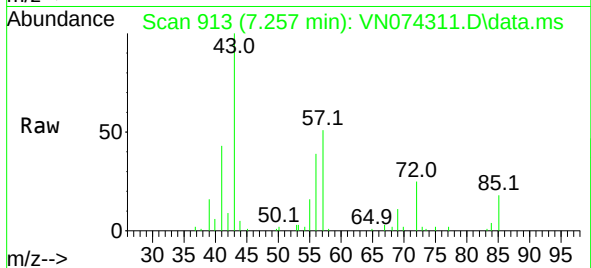




#37
Ethyl Acetate
Concen: 5.191 ug/l
RT: 7.257 min Scan# 91
Delta R.T. -0.077 min
Lab File: VN074311.D
Acq: 03 Sep 2022 01:51

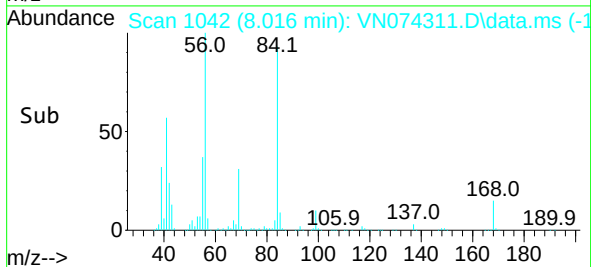
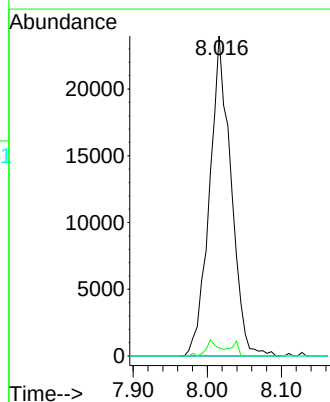
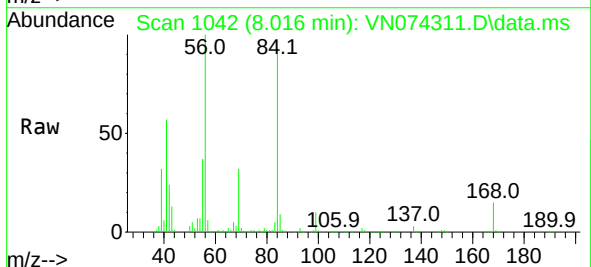
Instrument :
MSVOA_N
ClientSampleId :
DUP082322

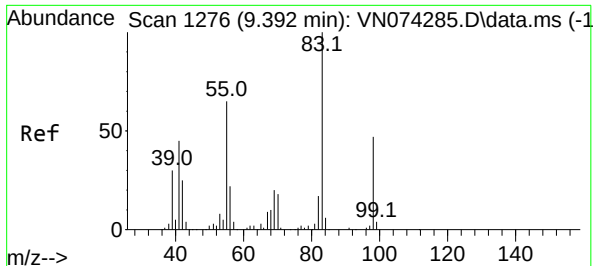
Tgt Ion: 43 Resp: 49542
Ion Ratio Lower Upper
43 100
61 0.0 11.8 17.6#
70 0.0 9.3 13.9#



#38
Carbon Tetrachloride
Concen: 6.554 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.117 min
Lab File: VN074311.D
Acq: 03 Sep 2022 01:51

Tgt Ion: 117 Resp: 48313
Ion Ratio Lower Upper
117 100
119 2.5 75.8 113.8#
121 0.0 24.6 37.0#





#39

Methylcyclohexane

Concen: 199.996 ug/l

RT: 9.398 min Scan# 1106

Delta R.T. 0.006 min

Lab File: VN074311.D

Acq: 03 Sep 2022 01:51

Instrument :

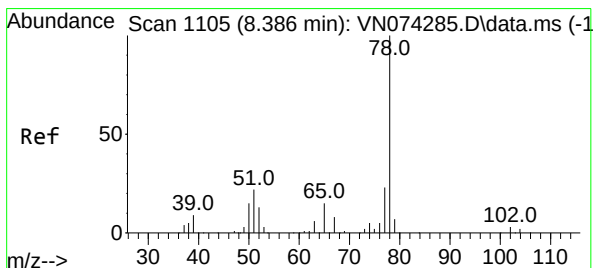
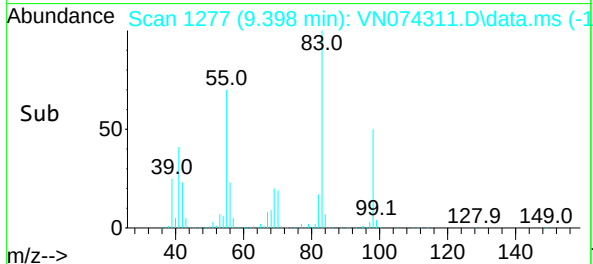
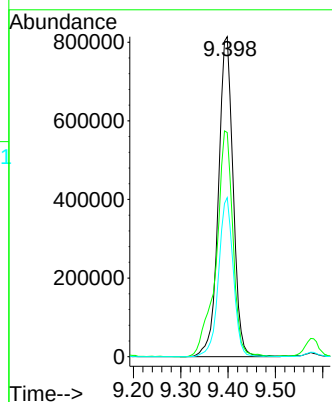
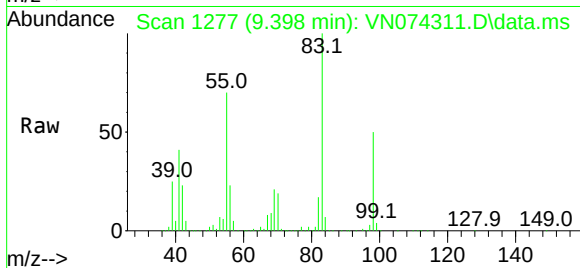
MSVOA_N

ClientSampleId :

DUP082322

Tgt Ion: 83 Resp: 1758173

Ion	Ratio	Lower	Upper
83	100		
55	70.1	57.8	86.8
98	49.7	39.4	59.2



#40

Benzene

Concen: 59.822 ug/l

RT: 8.392 min Scan# 1106

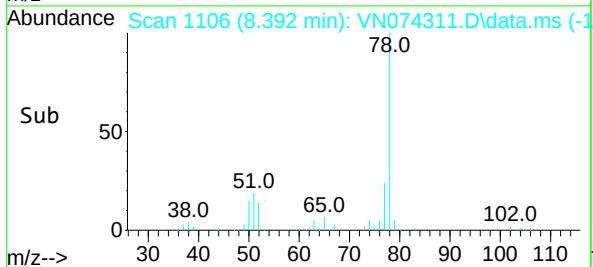
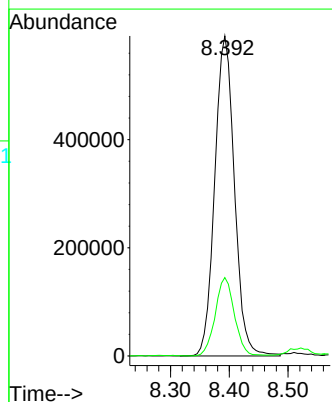
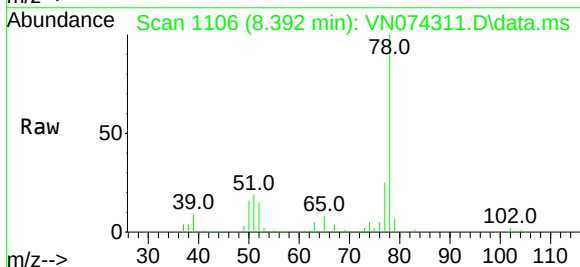
Delta R.T. 0.000 min

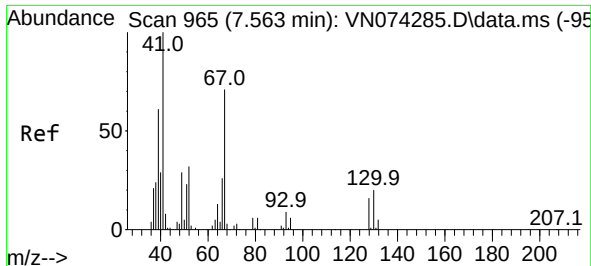
Lab File: VN074311.D

Acq: 03 Sep 2022 01:51

Tgt Ion: 78 Resp: 1376979

Ion	Ratio	Lower	Upper
78	100		
77	24.4	19.4	29.0

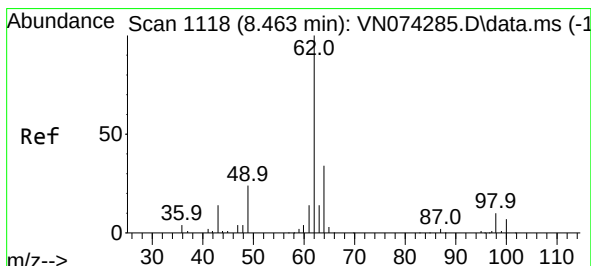
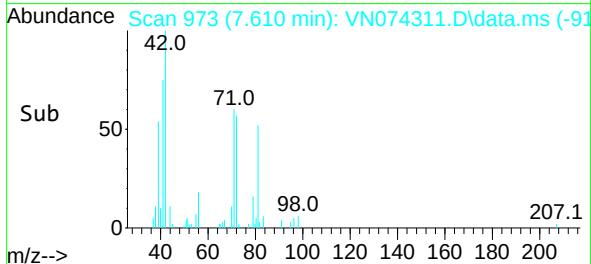
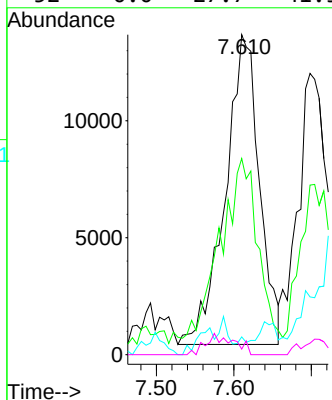
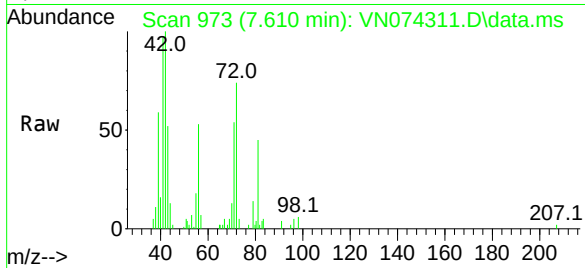




#41
Methacrylonitrile
Concen: 9.463 ug/l
RT: 7.610 min Scan# 91
Delta R.T. 0.041 min
Lab File: VN074311.D
Acq: 03 Sep 2022 01:51

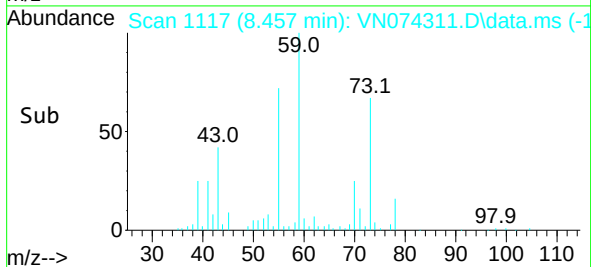
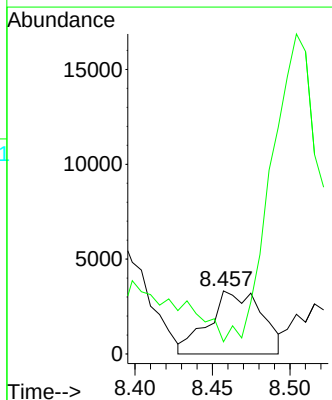
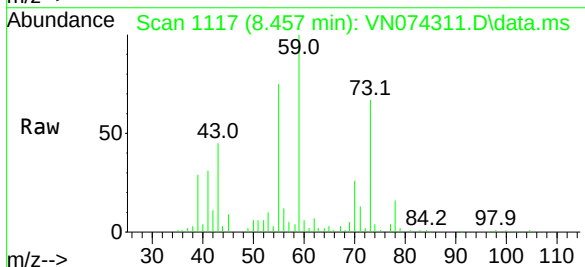
Instrument :
MSVOA_N
ClientSampleId :
DUP082322

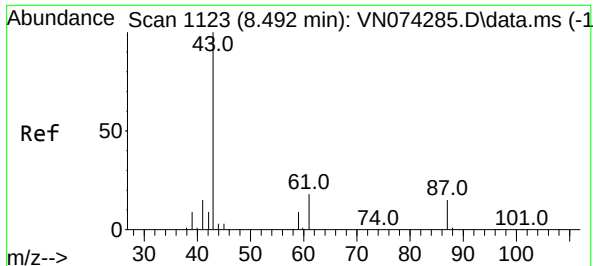
Tgt Ion: 41 Resp: 40614
Ion Ratio Lower Upper
41 100
39 61.5 48.6 73.0
67 0.0 73.4 110.2#
52 0.0 27.7 41.5#



#42
1,2-Dichloroethane
Concen: 0.923 ug/l
RT: 8.457 min Scan# 1117
Delta R.T. -0.006 min
Lab File: VN074311.D
Acq: 03 Sep 2022 01:51

Tgt Ion: 62 Resp: 7903
Ion Ratio Lower Upper
62 100
98 0.0 0.0 19.4





#43

Isopropyl Acetate

Concen: 9.226 ug/l

RT: 8.481 min Scan# 1121

Delta R.T. -0.011 min

Lab File: VN074311.D

Acq: 03 Sep 2022 01:51

Instrument :

MSVOA_N

ClientSampleId :

DUP082322

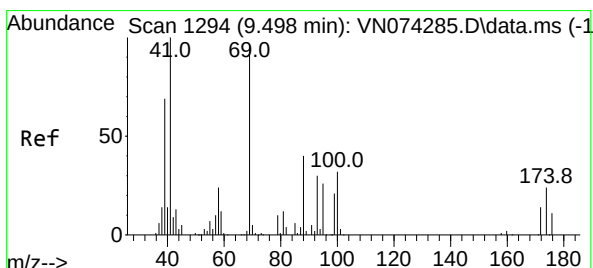
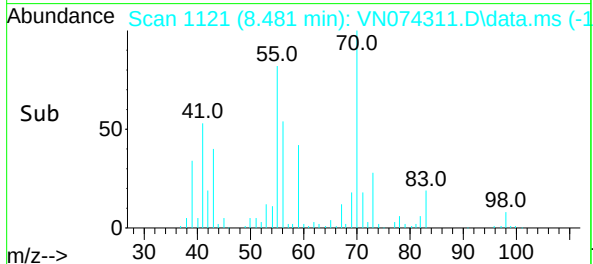
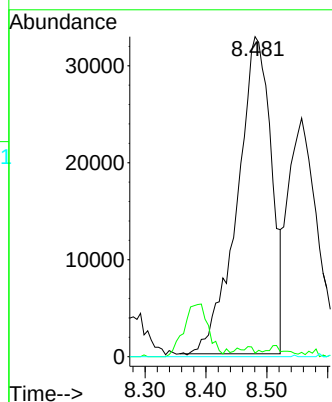
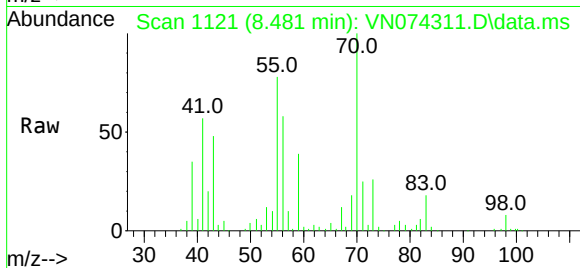
Tgt Ion: 43 Resp: 127944

Ion Ratio Lower Upper

43 100

61 1.8 21.9 32.9#

87 0.0 12.0 18.0#



#48

Methyl methacrylate

Concen: 18.901 ug/l

RT: 9.575 min Scan# 1307

Delta R.T. 0.077 min

Lab File: VN074311.D

Acq: 03 Sep 2022 01:51

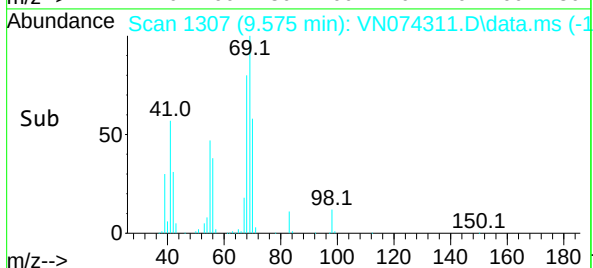
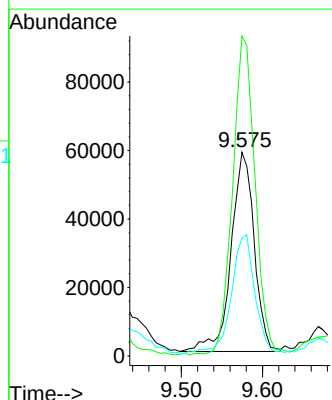
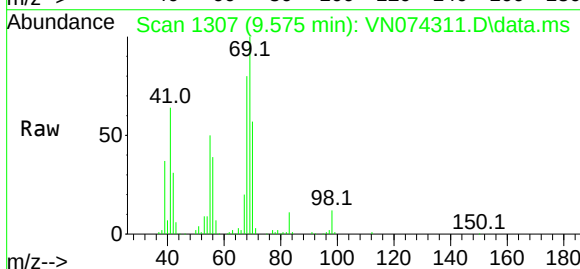
Tgt Ion: 41 Resp: 115188

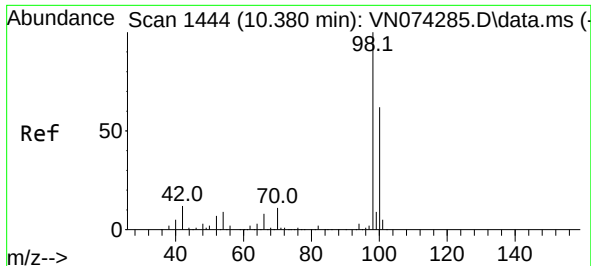
Ion Ratio Lower Upper

41 100

69 156.1 74.7 112.1#

39 61.0 45.6 68.4

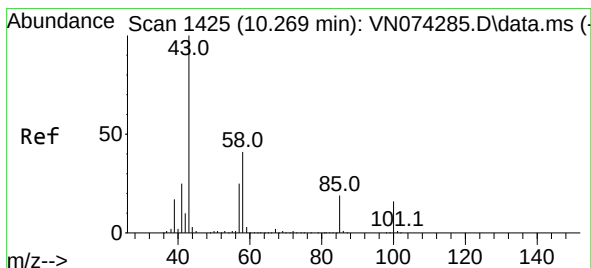
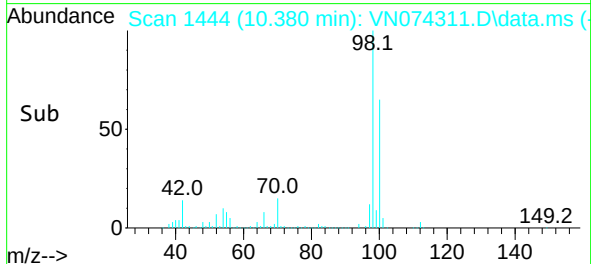
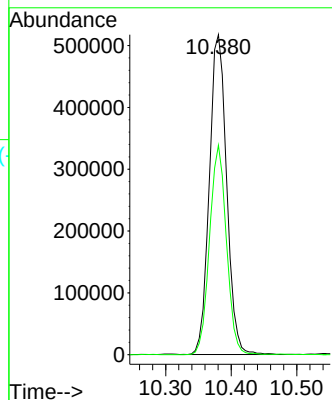
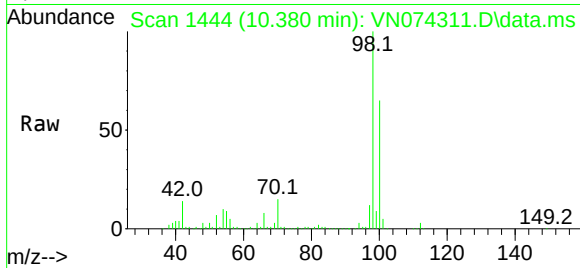




#50
Toluene-d8
Concen: 46.847 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074311.D
Acq: 03 Sep 2022 01:51

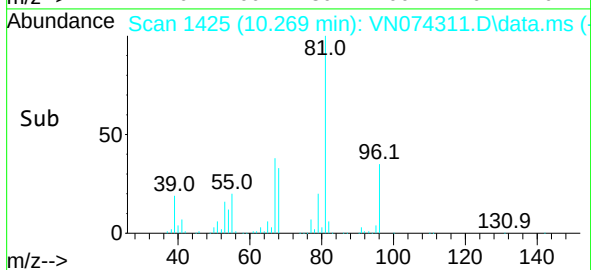
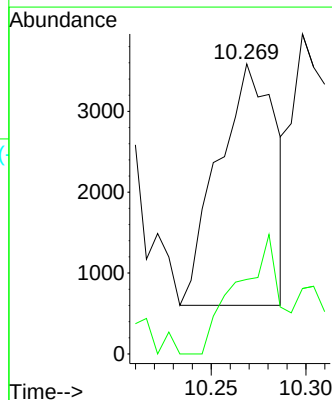
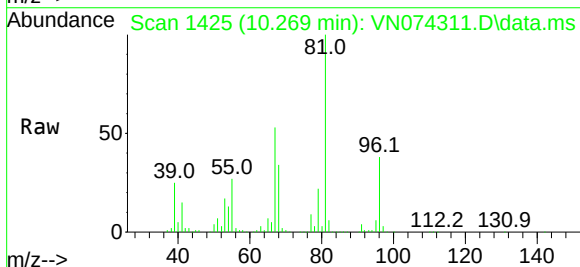
Instrument :
MSVOA_N
ClientSampleId :
DUP082322

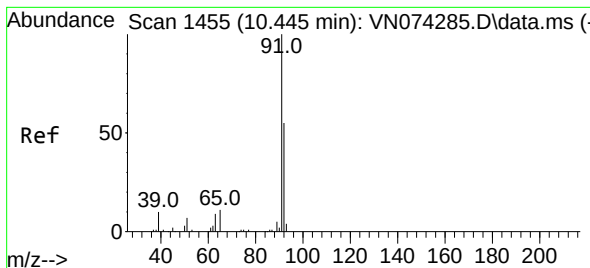
Tgt Ion: 98 Resp: 949676
Ion Ratio Lower Upper
98 100
100 63.9 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.643 ug/l
RT: 10.269 min Scan# 1425
Delta R.T. -0.006 min
Lab File: VN074311.D
Acq: 03 Sep 2022 01:51

Tgt Ion: 43 Resp: 6239
Ion Ratio Lower Upper
43 100
58 36.9 34.1 51.1





#52

Toluene

Concen: 143.881 ug/l

RT: 10.445 min Scan# 1455

Delta R.T. 0.000 min

Lab File: VN074311.D

Acq: 03 Sep 2022 01:51

Instrument :

MSVOA_N

ClientSampleId :

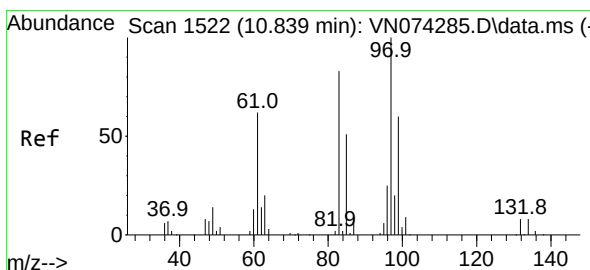
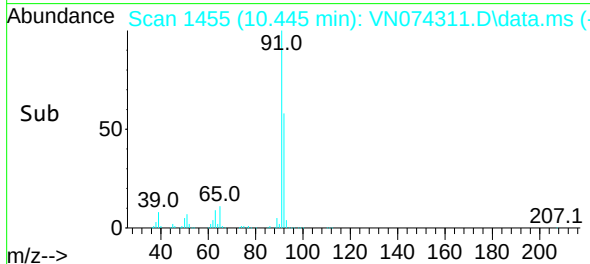
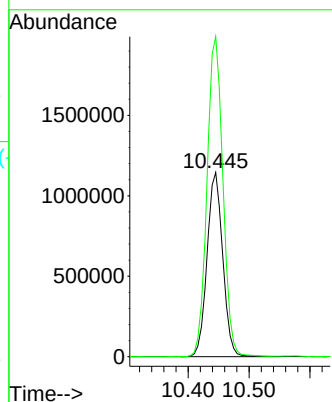
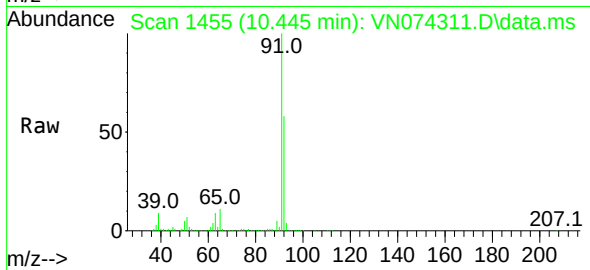
DUP082322

Tgt Ion: 92 Resp: 2046575

Ion Ratio Lower Upper

92 100

91 176.0 138.6 207.8



#55

1,1,2-Trichloroethane

Concen: 12.896 ug/l

RT: 10.816 min Scan# 1518

Delta R.T. -0.023 min

Lab File: VN074311.D

Acq: 03 Sep 2022 01:51

Tgt Ion: 97 Resp: 78701

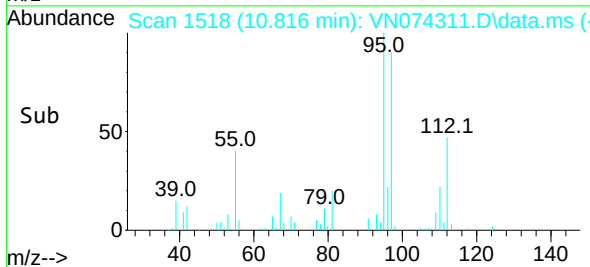
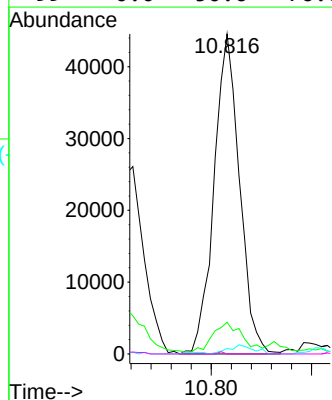
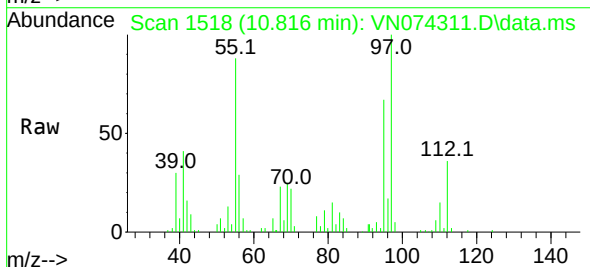
Ion Ratio Lower Upper

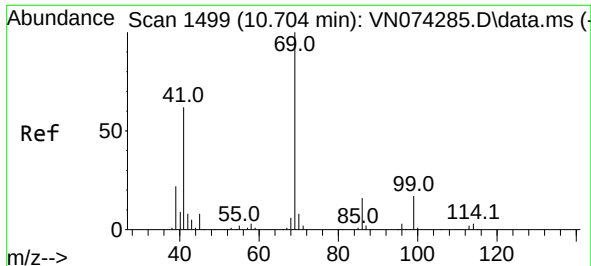
97 100

83 8.9 66.2 99.4#

85 1.7 43.9 65.9#

99 0.0 50.6 76.0#

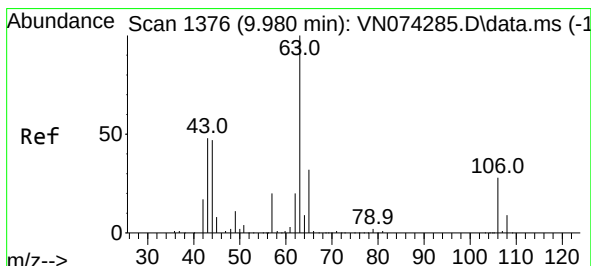
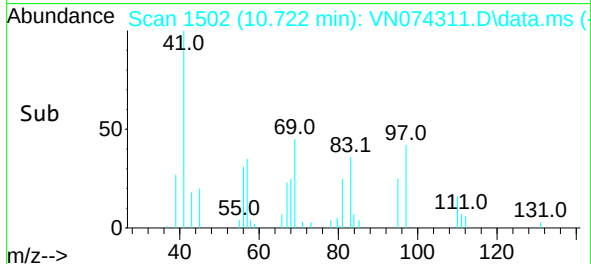
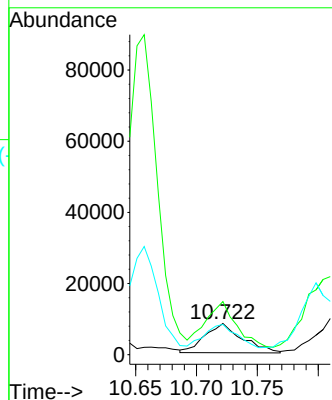
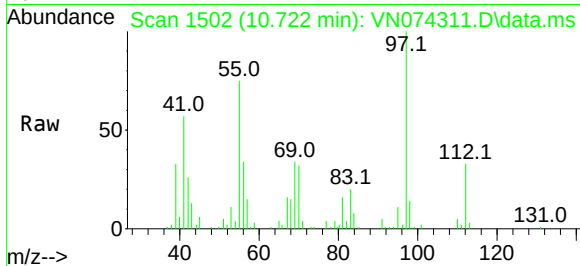




#56
Ethyl methacrylate
Concen: 1.932 ug/l
RT: 10.722 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN074311.D
Acq: 03 Sep 2022 01:51

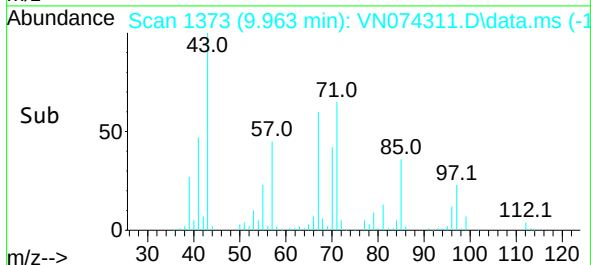
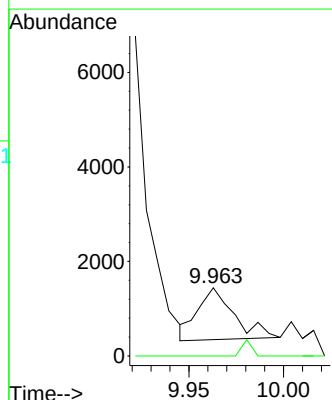
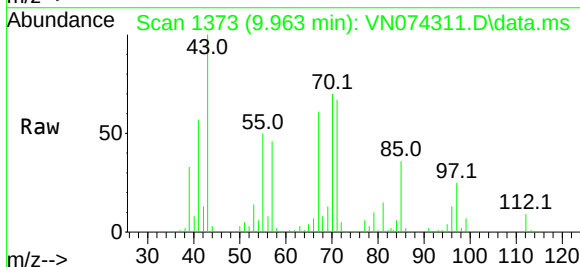
Instrument :
MSVOA_N
ClientSampleId :
DUP082322

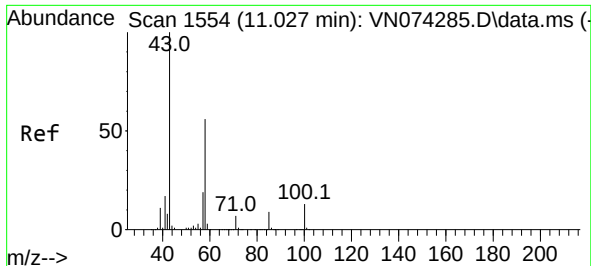
Tgt Ion: 69 Resp: 17556
Ion Ratio Lower Upper
69 100
41 127.9 47.8 71.6#
39 66.4 27.3 40.9#



#58
2-Chloroethyl Vinyl ether
Concen: 0.327 ug/l
RT: 9.963 min Scan# 1373
Delta R.T. -0.017 min
Lab File: VN074311.D
Acq: 03 Sep 2022 01:51

Tgt Ion: 63 Resp: 1454
Ion Ratio Lower Upper
63 100
106 8.3 24.6 36.8#

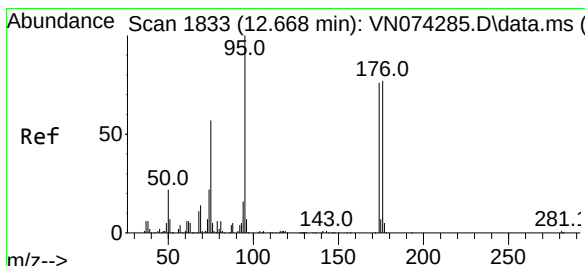
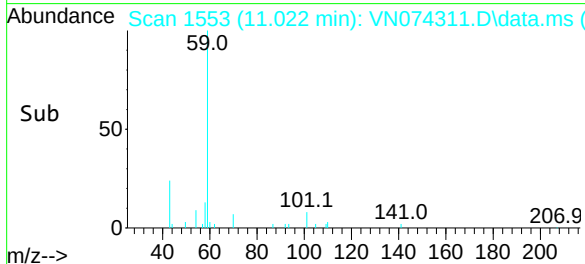
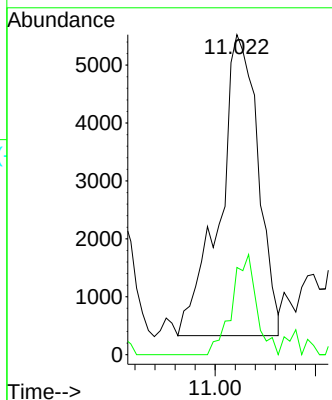
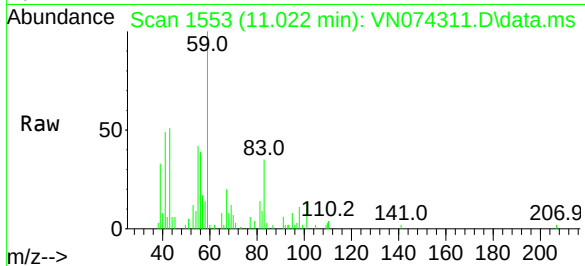




#59
2-Hexanone
Concen: 1.891 ug/l
RT: 11.022 min Scan# 1153
Delta R.T. -0.005 min
Lab File: VN074311.D
Acq: 03 Sep 2022 01:51

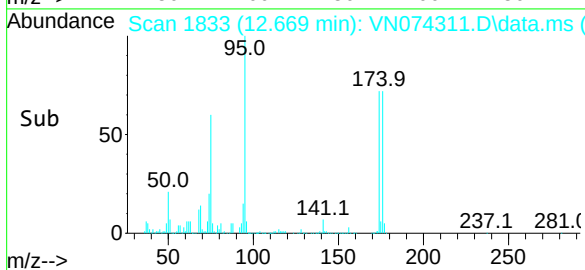
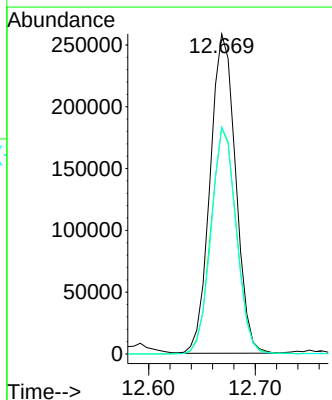
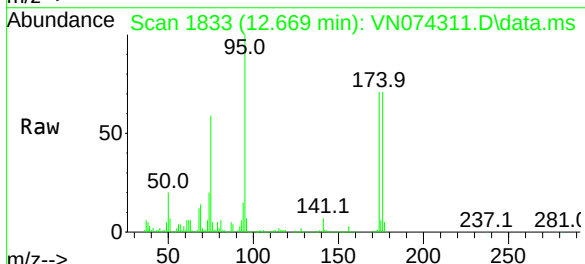
Instrument :
MSVOA_N
ClientSampleId :
DUP082322

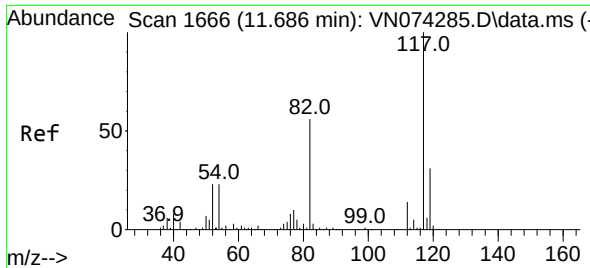
Tgt Ion: 43 Resp: 13887
Ion Ratio Lower Upper
43 100
58 21.2 29.7 89.1#



#62
4-Bromofluorobenzene
Concen: 57.373 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN074311.D
Acq: 03 Sep 2022 01:51

Tgt Ion: 95 Resp: 428879
Ion Ratio Lower Upper
95 100
174 71.2 0.0 167.6
176 70.1 0.0 163.4

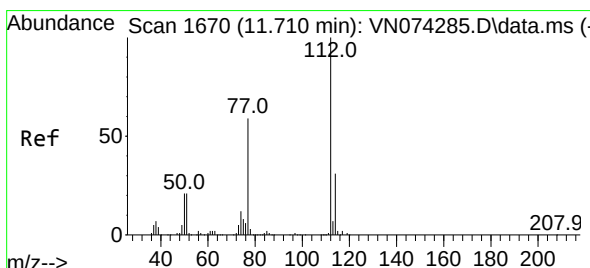
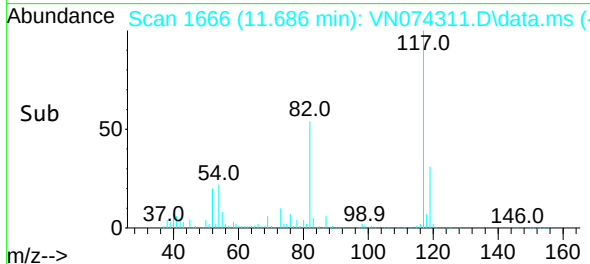
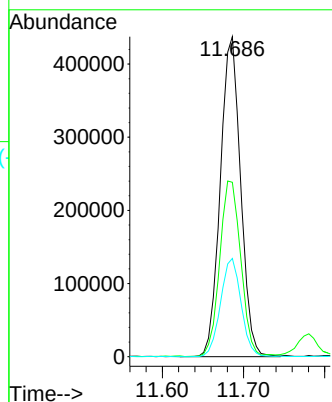
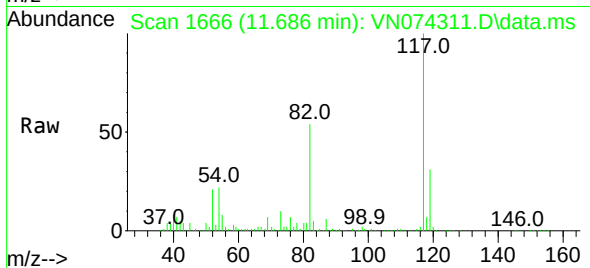




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN074311.D
Acq: 03 Sep 2022 01:51

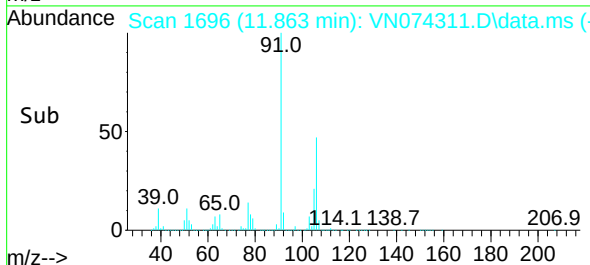
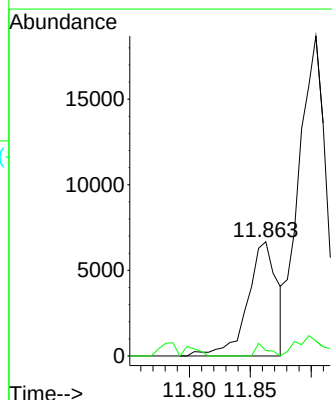
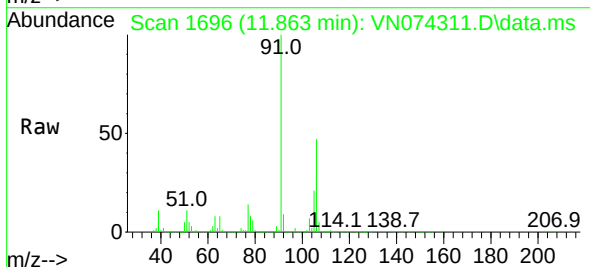
Instrument :
MSVOA_N
ClientSampleId :
DUP082322

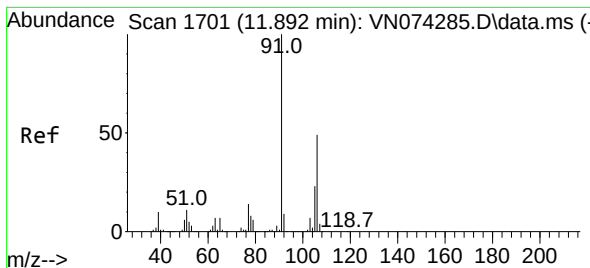
Tgt Ion:117 Resp: 761692
Ion Ratio Lower Upper
117 100
82 54.3 44.2 66.2
119 30.7 25.4 38.0



#65
Chlorobenzene
Concen: 0.669 ug/l
RT: 11.863 min Scan# 1696
Delta R.T. 0.153 min
Lab File: VN074311.D
Acq: 03 Sep 2022 01:51

Tgt Ion:112 Resp: 11180
Ion Ratio Lower Upper
112 100
114 4.8 25.4 38.2#

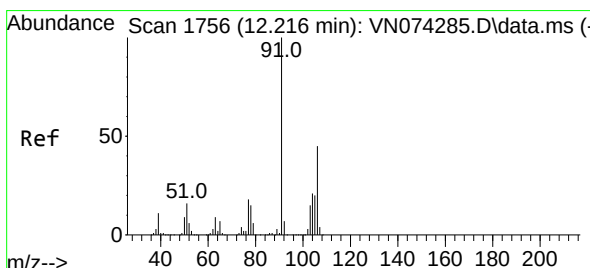
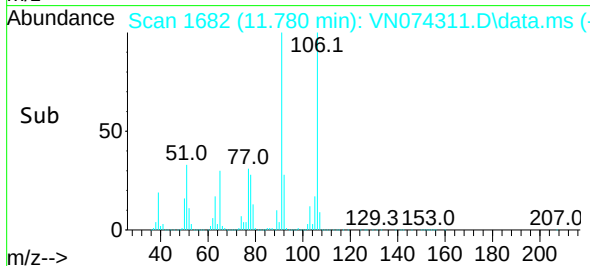
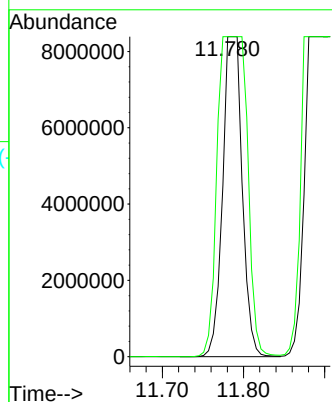
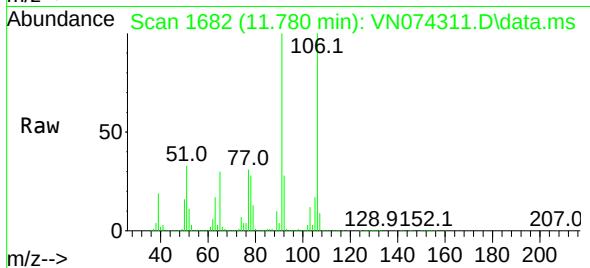




#68
m/p-Xylenes
Concen: 1229.703 ug/l
RT: 11.780 min Scan# 1682
Delta R.T. -0.112 min
Lab File: VN074311.D
Acq: 03 Sep 2022 01:51

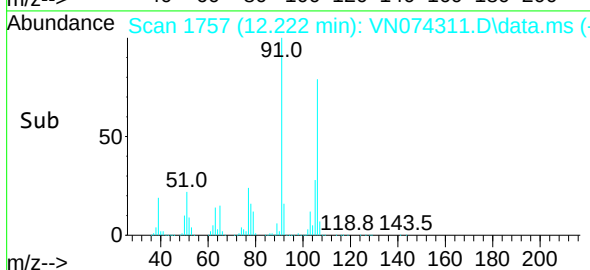
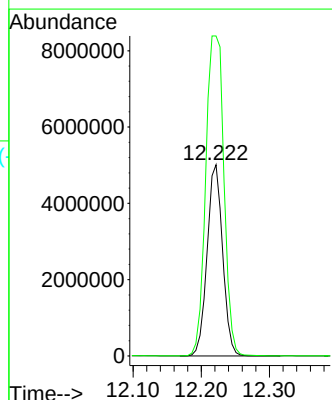
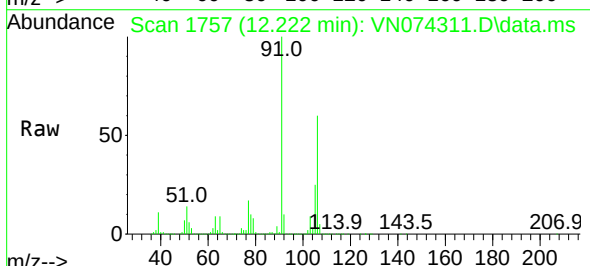
Instrument :
MSVOA_N
ClientSampleId :
DUP082322

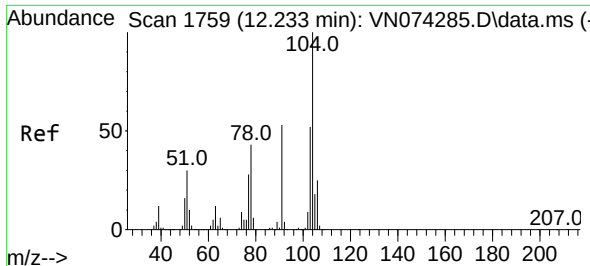
Tgt Ion:106 Resp:14090046
Ion Ratio Lower Upper
106 100
91 0.0 158.9 238.3#



#69
o-Xylene
Concen: 691.787 ug/l
RT: 12.222 min Scan# 1757
Delta R.T. 0.001 min
Lab File: VN074311.D
Acq: 03 Sep 2022 01:51

Tgt Ion:106 Resp: 7911260
Ion Ratio Lower Upper
106 100
91 196.8 106.0 318.0

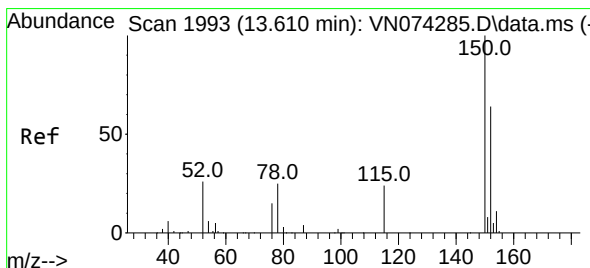
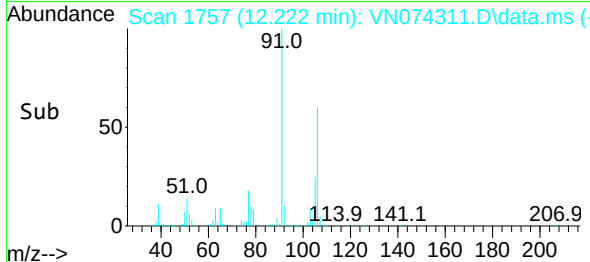
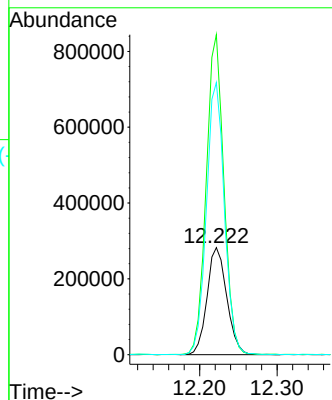
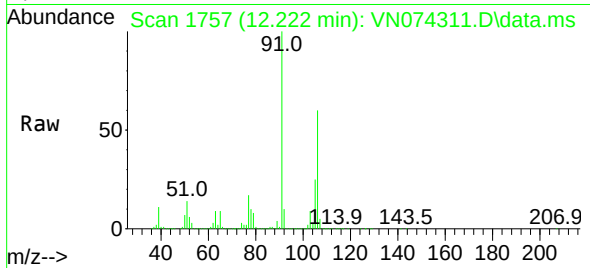




#70
Styrene
Concen: 27.220 ug/l
RT: 12.222 min Scan# 1757
Delta R.T. -0.011 min
Lab File: VN074311.D
Acq: 03 Sep 2022 01:51

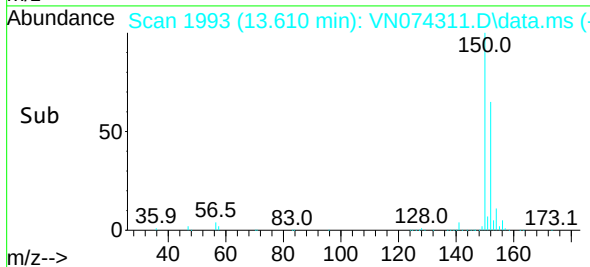
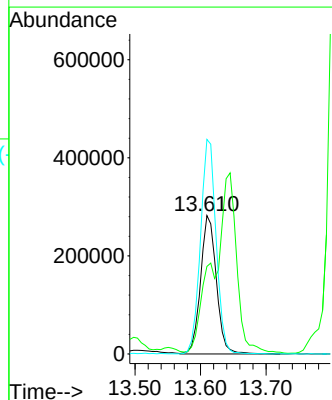
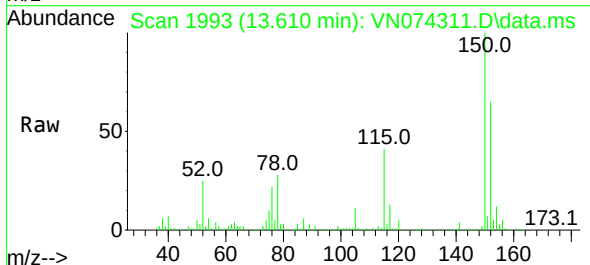
Instrument :
MSVOA_N
ClientSampleId :
DUP082322

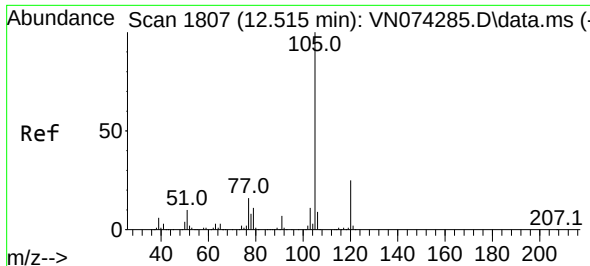
Tgt Ion:104 Resp: 498474
Ion Ratio Lower Upper
104 100
78 266.9 39.5 59.3#
103 232.4 44.0 66.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. -0.000 min
Lab File: VN074311.D
Acq: 03 Sep 2022 01:51

Tgt Ion:152 Resp: 474842
Ion Ratio Lower Upper
152 100
115 0.0 28.9 86.7#
150 152.7 0.0 356.2

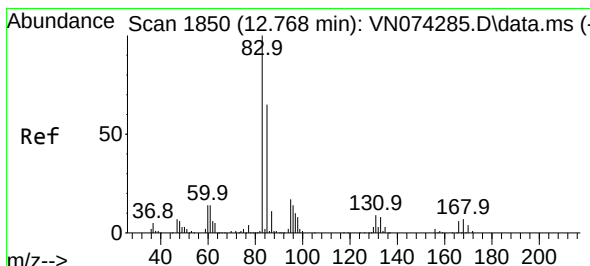
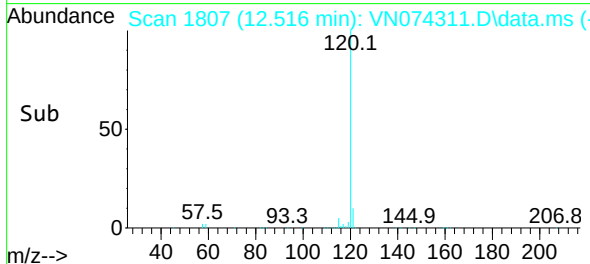
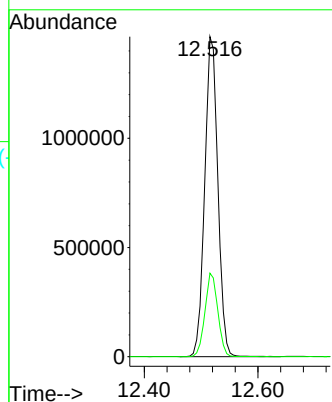
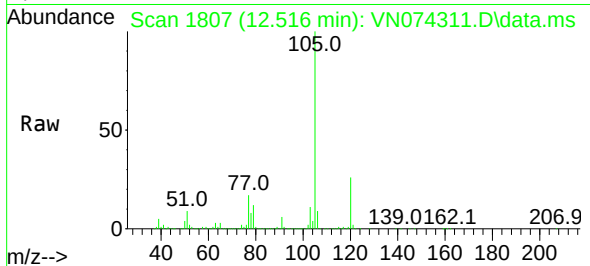




#73
Isopropylbenzene
Concen: 56.327 ug/l
RT: 12.516 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN074311.D
Acq: 03 Sep 2022 01:51

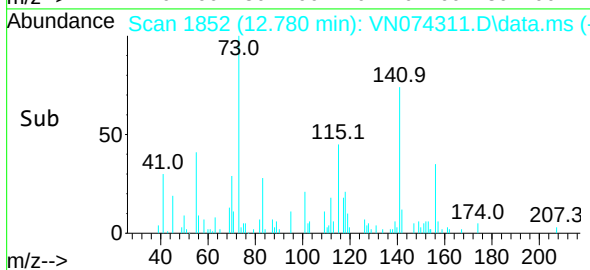
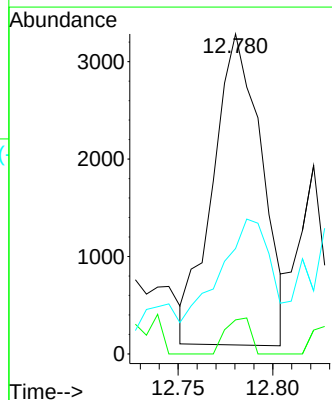
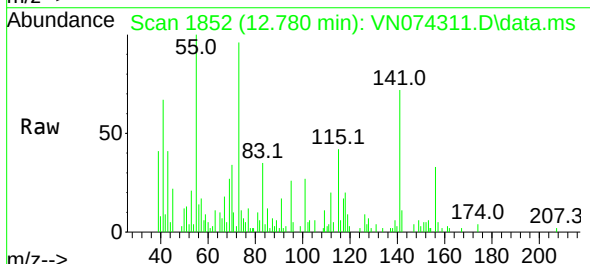
Instrument :
MSVOA_N
ClientSampleId :
DUP082322

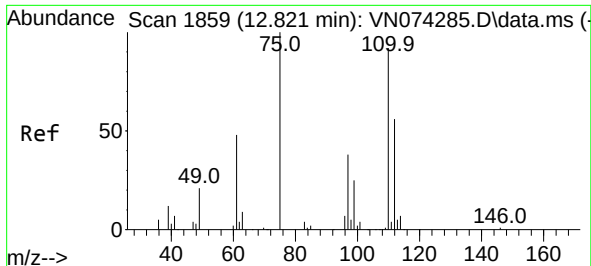
Tgt Ion:105 Resp: 2342065
Ion Ratio Lower Upper
105 100
120 25.5 13.5 40.4



#75
1,1,2,2-Tetrachloroethane
Concen: 0.371 ug/l
RT: 12.780 min Scan# 1852
Delta R.T. 0.011 min
Lab File: VN074311.D
Acq: 03 Sep 2022 01:51

Tgt Ion: 83 Resp: 5722
Ion Ratio Lower Upper
83 100
131 6.0 5.3 15.9
85 33.4 32.3 96.9

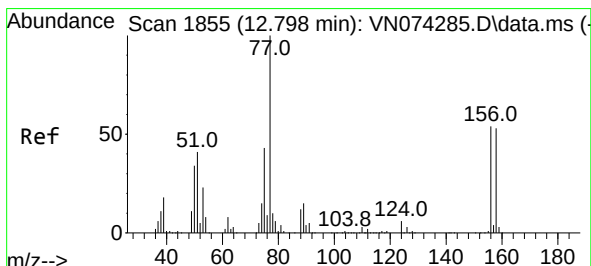
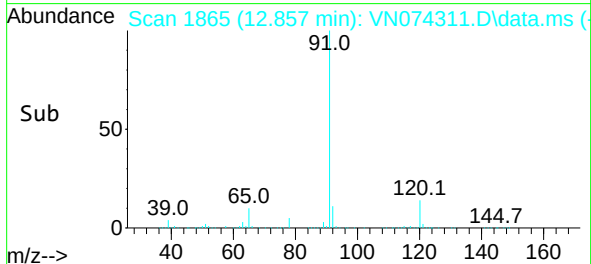
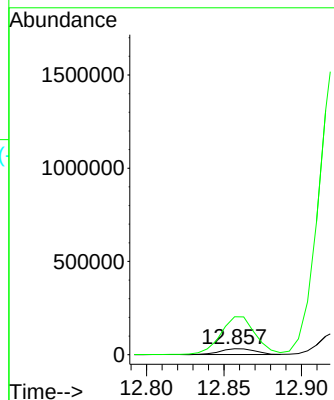
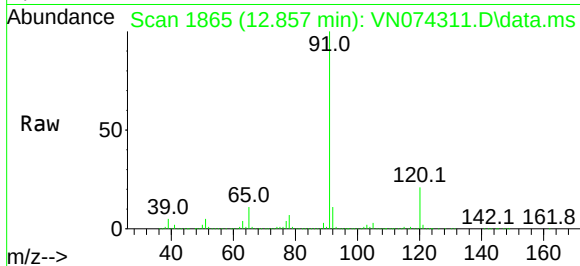




#76
1,2,3-Trichloropropane
Concen: 3.697 ug/l
RT: 12.857 min Scan# 1865
Delta R.T. 0.036 min
Lab File: VN074311.D
Acq: 03 Sep 2022 01:51

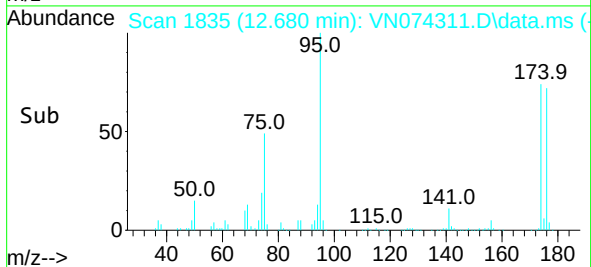
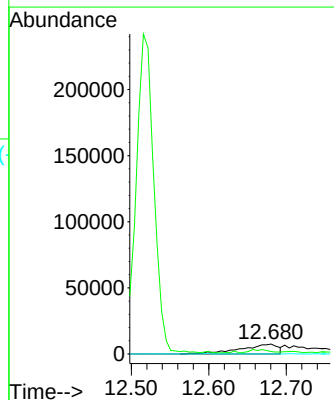
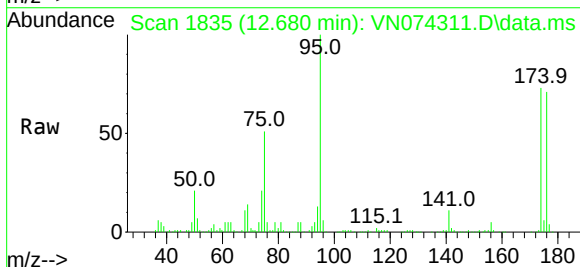
Instrument :
MSVOA_N
ClientSampleId :
DUP082322

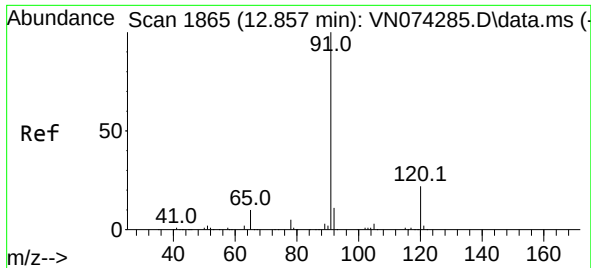
Tgt Ion: 75 Resp: 49720
Ion Ratio Lower Upper
75 100
77 640.6 98.5 295.5#



#77
Bromobenzene
Concen: 2.704 ug/l
RT: 12.680 min Scan# 1835
Delta R.T. -0.118 min
Lab File: VN074311.D
Acq: 03 Sep 2022 01:51

Tgt Ion: 156 Resp: 24956
Ion Ratio Lower Upper
156 100
77 0.0 100.5 301.5#
158 0.0 48.9 146.6#

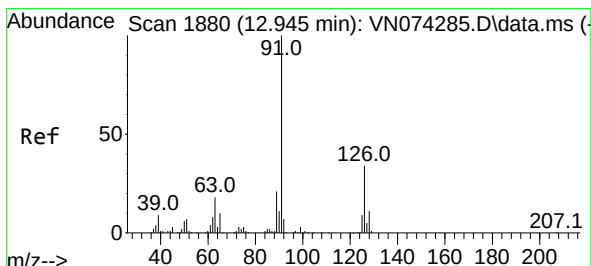
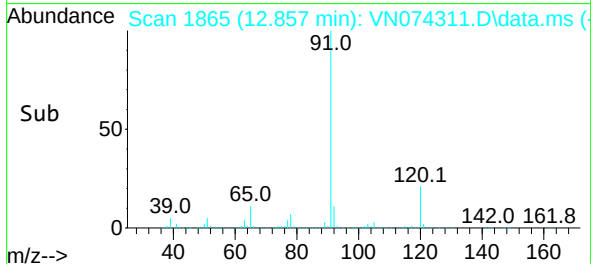
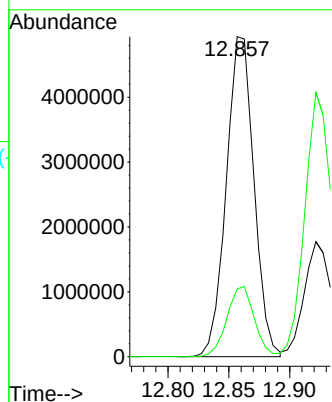
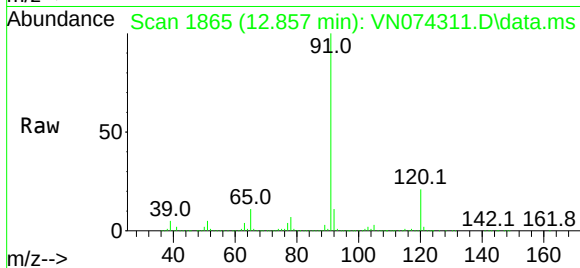




#78
n-propylbenzene
Concen: 164.144 ug/l
RT: 12.857 min Scan# 1865
Delta R.T. -0.006 min
Lab File: VN074311.D
Acq: 03 Sep 2022 01:51

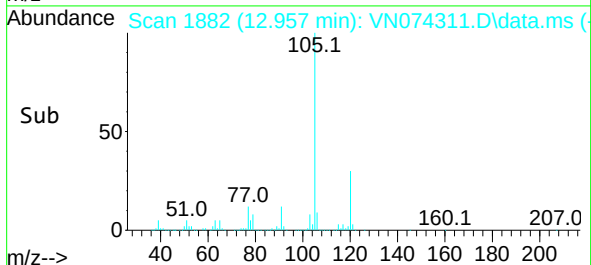
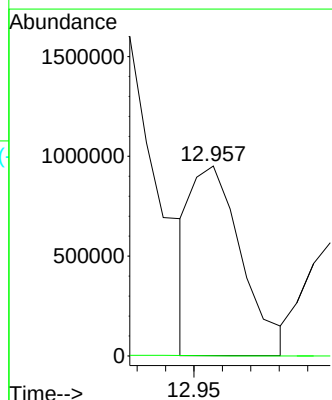
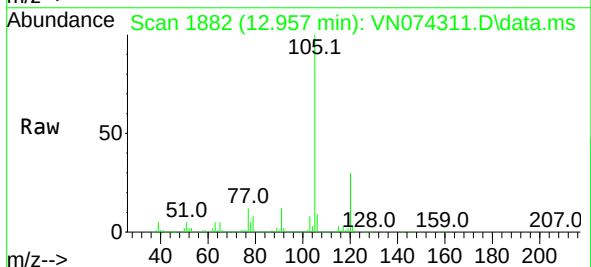
Instrument :
MSVOA_N
ClientSampleId :
DUP082322

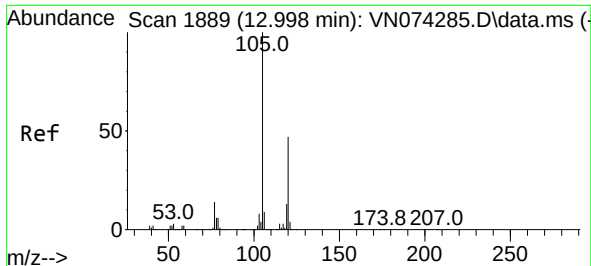
Tgt Ion: 91 Resp: 7801509
Ion Ratio Lower Upper
91 100
120 21.6 11.9 35.5



#79
2-Chlorotoluene
Concen: 39.899 ug/l
RT: 12.957 min Scan# 1882
Delta R.T. 0.012 min
Lab File: VN074311.D
Acq: 03 Sep 2022 01:51

Tgt Ion: 91 Resp: 1164289
Ion Ratio Lower Upper
91 100
126 0.0 17.3 51.9#

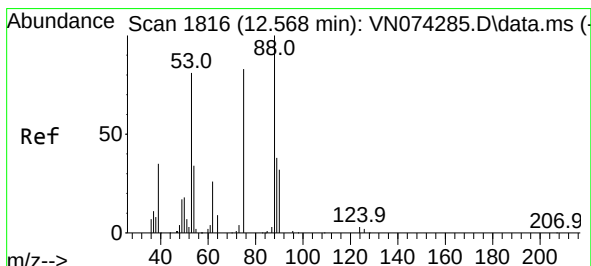
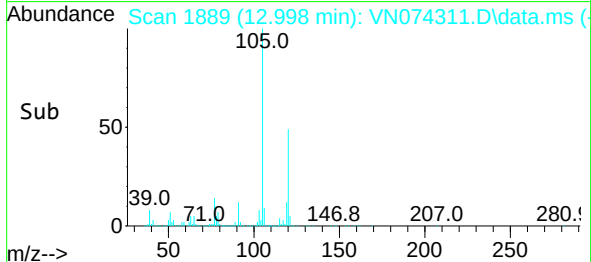
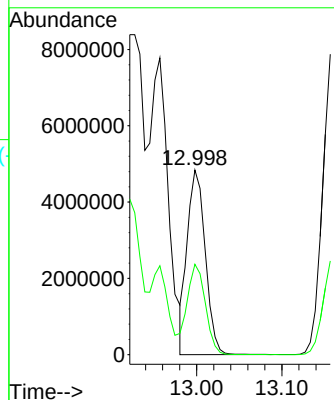
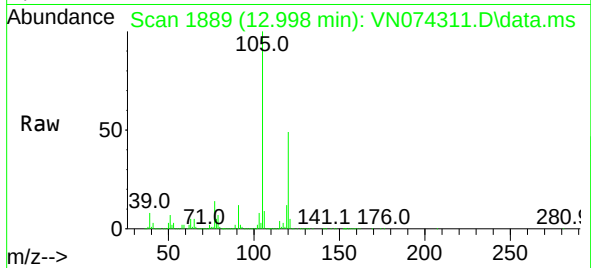




#80
1,3,5-Trimethylbenzene
Concen: 213.370 ug/l
RT: 12.998 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN074311.D
Acq: 03 Sep 2022 01:51

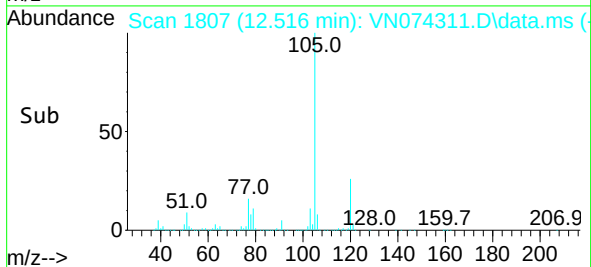
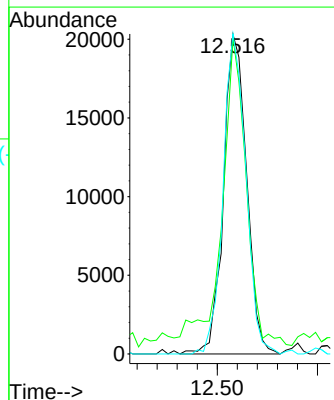
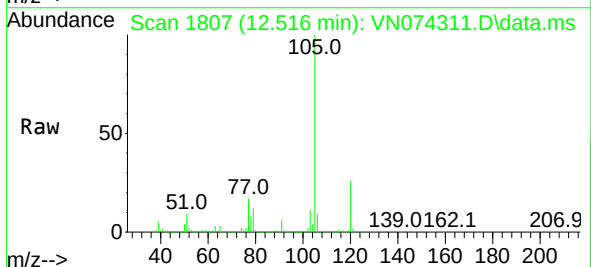
Instrument :
MSVOA_N
ClientSampleId :
DUP082322

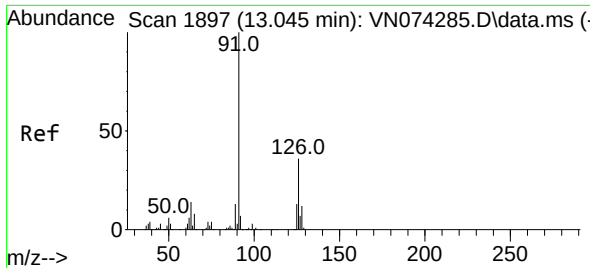
Tgt Ion:105 Resp: 7113481
Ion Ratio Lower Upper
105 100
120 51.3 24.9 74.7



#81
trans-1,4-Dichloro-2-butene
Concen: 7.836 ug/l
RT: 12.516 min Scan# 1807
Delta R.T. -0.047 min
Lab File: VN074311.D
Acq: 03 Sep 2022 01:51

Tgt Ion: 75 Resp: 32462
Ion Ratio Lower Upper
75 100
53 100.2 78.0 117.0
89 98.4 37.2 55.8#

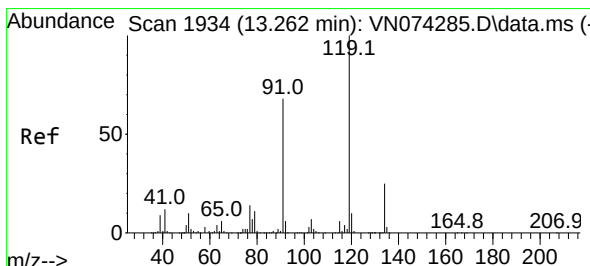
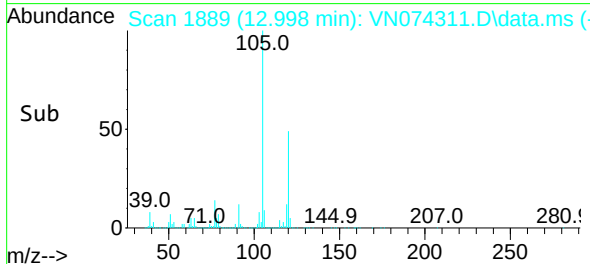
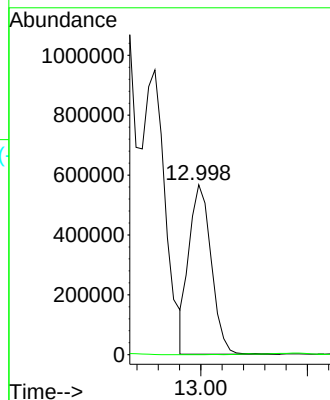
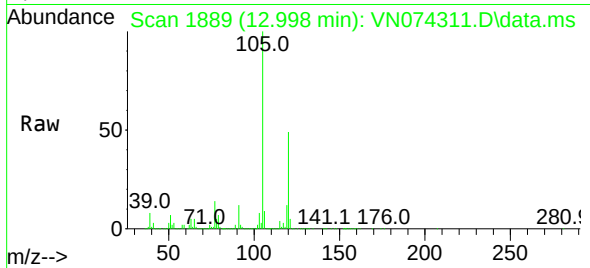




#82
4-Chlorotoluene
Concen: 29.973 ug/l
RT: 12.998 min Scan# 1897
Delta R.T. -0.047 min
Lab File: VN074311.D
Acq: 03 Sep 2022 01:51

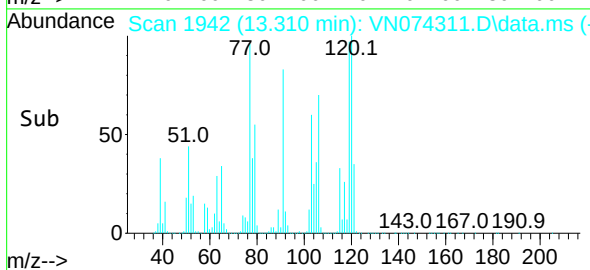
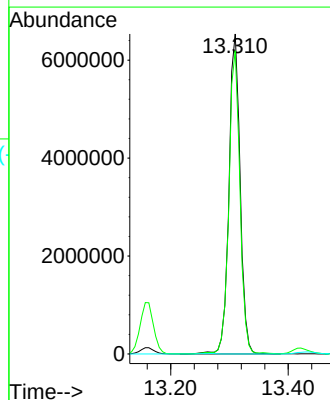
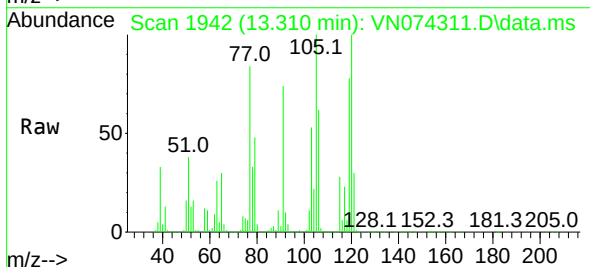
Instrument :
MSVOA_N
ClientSampleId :
DUP082322

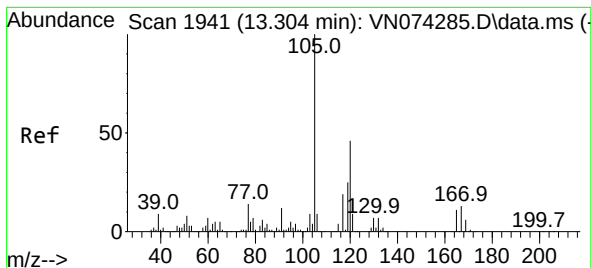
Tgt Ion: 91 Resp: 821114
Ion Ratio Lower Upper
91 100
126 0.0 17.2 51.6#



#83
tert-Butylbenzene
Concen: 284.826 ug/l
RT: 13.310 min Scan# 1942
Delta R.T. 0.047 min
Lab File: VN074311.D
Acq: 03 Sep 2022 01:51

Tgt Ion: 119 Resp: 8618470
Ion Ratio Lower Upper
119 100
91 93.9 31.6 94.8
134 0.0 13.7 41.1#





#84

1,2,4-Trimethylbenzene

Concen: 377.145 ug/l

RT: 13.157 min Scan# 1941

Delta R.T. -0.153 min

Lab File: VN074311.D

Acq: 03 Sep 2022 01:51

Instrument :

MSVOA_N

ClientSampleId :

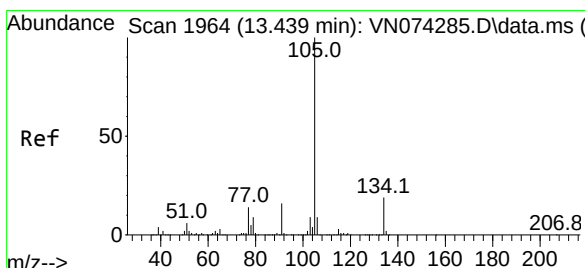
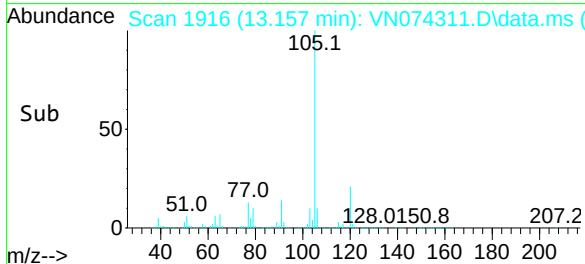
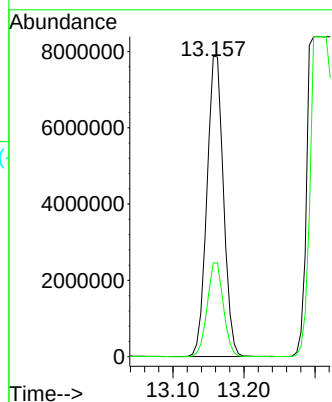
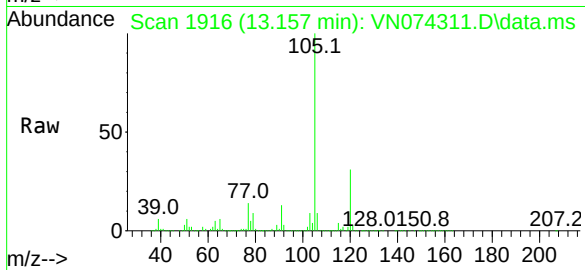
DUP082322

Tgt Ion:105 Resp:12736629

Ion Ratio Lower Upper

105 100

120 30.6 23.3 69.8



#85

sec-Butylbenzene

Concen: 313.121 ug/l

RT: 13.645 min Scan# 1999

Delta R.T. 0.206 min

Lab File: VN074311.D

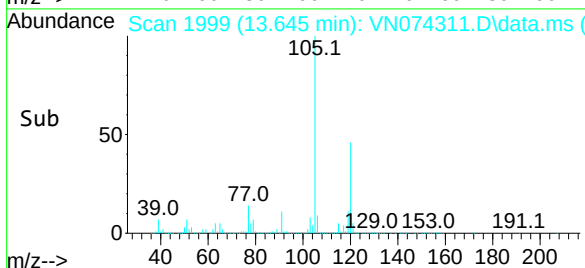
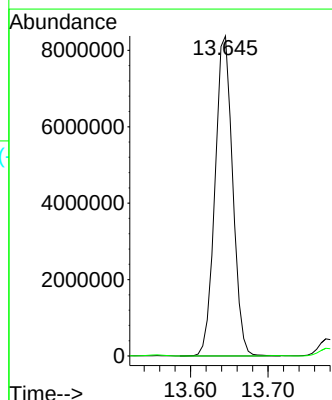
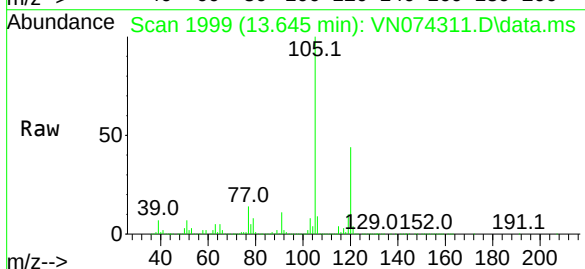
Acq: 03 Sep 2022 01:51

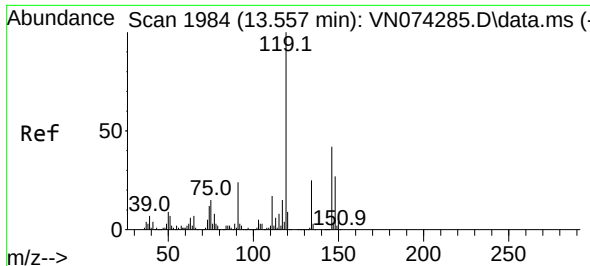
Tgt Ion:105 Resp:13227628

Ion Ratio Lower Upper

105 100

134 0.0 10.4 31.1#

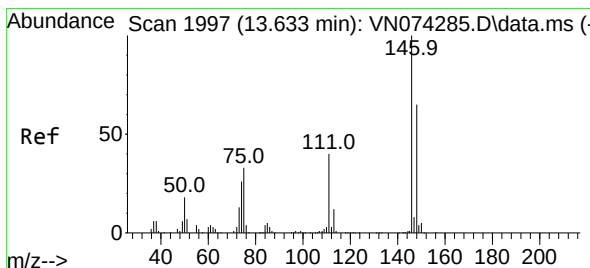
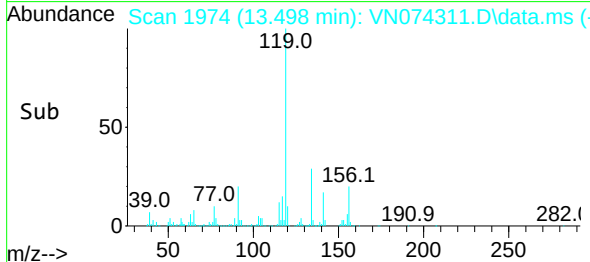
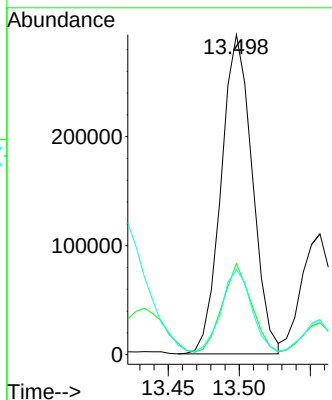
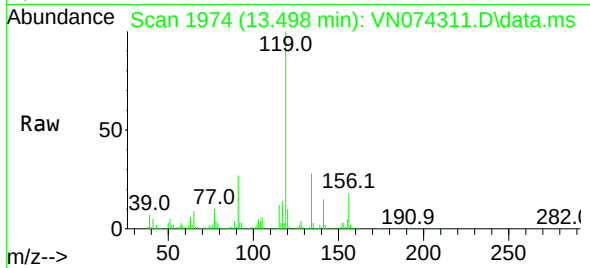




#86
p-Isopropyltoluene
Concen: 13.557 ug/l
RT: 13.498 min Scan# 1984
Delta R.T. -0.059 min
Lab File: VN074311.D
Acq: 03 Sep 2022 01:51

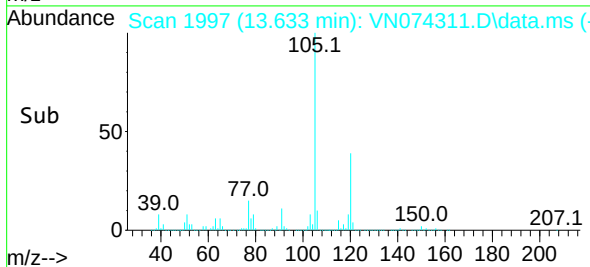
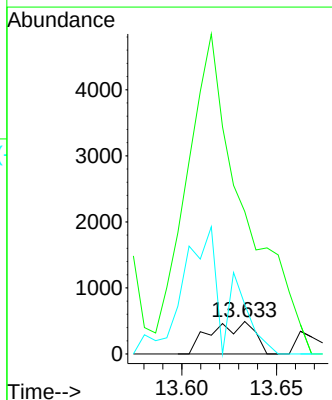
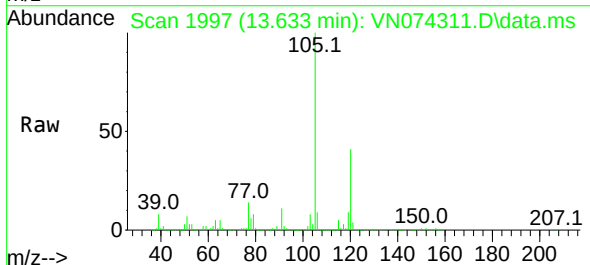
Instrument :
MSVOA_N
ClientSampleId :
DUP082322

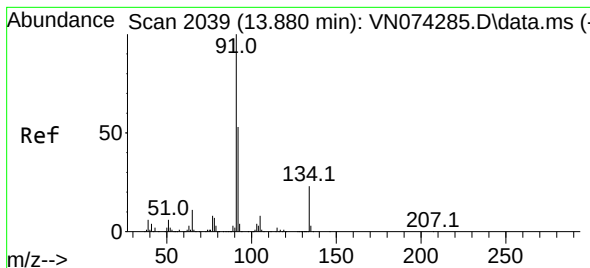
Tgt Ion:119 Resp: 446149
Ion Ratio Lower Upper
119 100
134 27.3 13.3 39.8
91 0.0 11.3 33.9#



#88
1,4-Dichlorobenzene
Concen: 0.212 ug/l
RT: 13.633 min Scan# 1997
Delta R.T. 0.000 min
Lab File: VN074311.D
Acq: 03 Sep 2022 01:51

Tgt Ion:146 Resp: 778
Ion Ratio Lower Upper
146 100
111 1306.3 19.1 57.1#
148 292.9 31.4 94.3#





#89

n-Butylbenzene

Concen: 12.907 ug/l

RT: 13.880 min Scan# 2039

Delta R.T. 0.000 min

Lab File: VN074311.D

Acq: 03 Sep 2022 01:51

Instrument :

MSVOA_N

ClientSampleId :

DUP082322

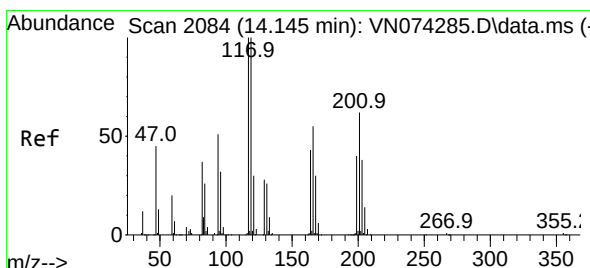
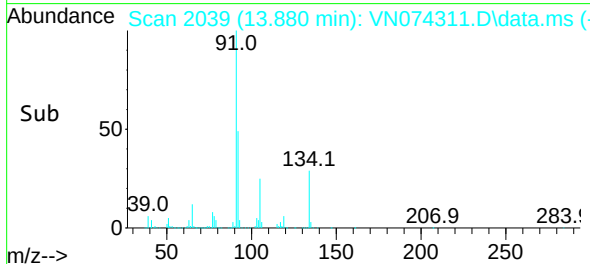
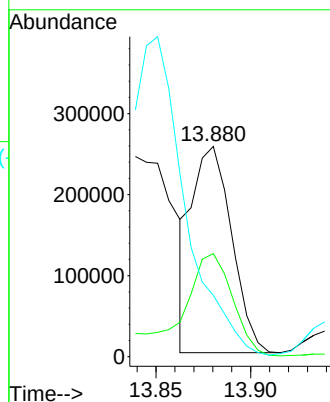
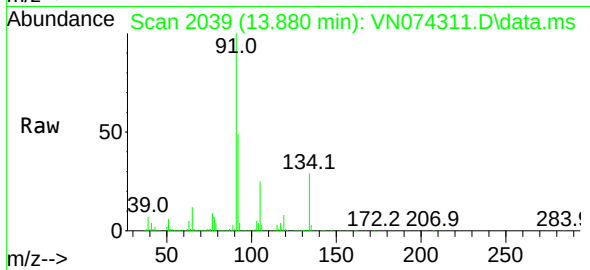
Tgt Ion: 91 Resp: 370579

Ion Ratio Lower Upper

91 100

92 59.2 26.9 80.7

134 0.0 13.6 40.8#



#90

Hexachloroethane

Concen: 44.470 ug/l

RT: 14.157 min Scan# 2086

Delta R.T. 0.006 min

Lab File: VN074311.D

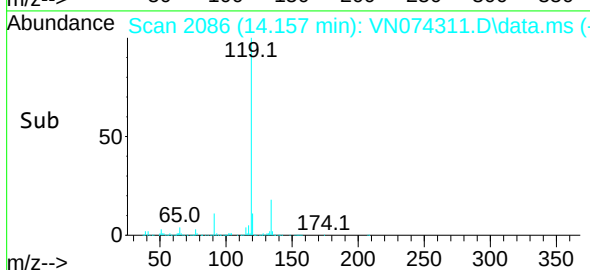
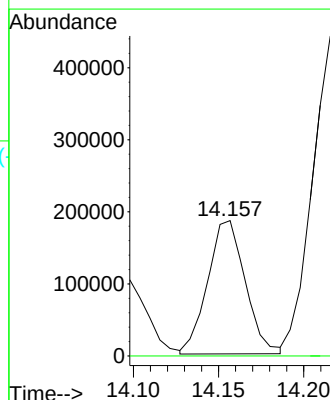
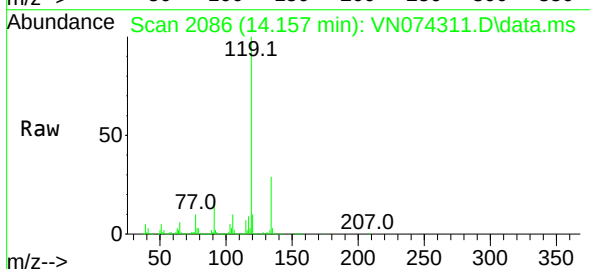
Acq: 03 Sep 2022 01:51

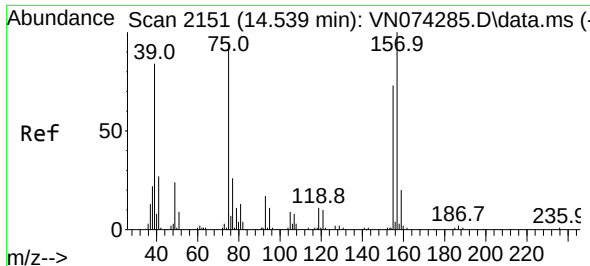
Tgt Ion: 117 Resp: 284684

Ion Ratio Lower Upper

117 100

201 0.0 40.6 122.0#

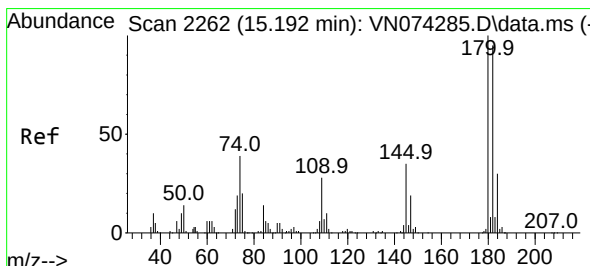
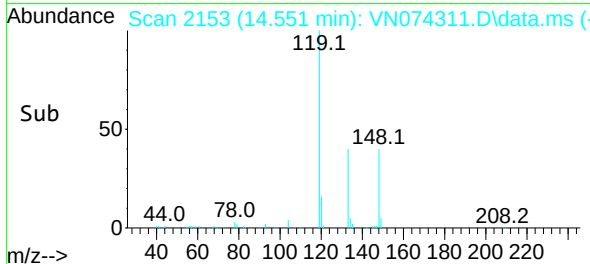
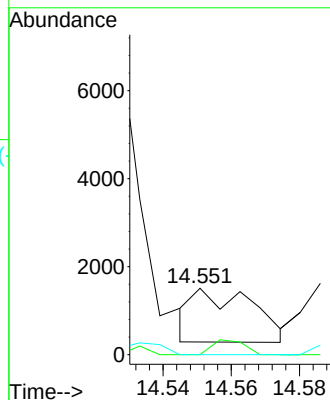
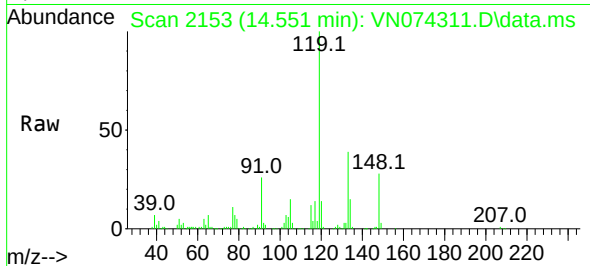




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.442 ug/l
 RT: 14.551 min Scan# 2153
 Delta R.T. 0.012 min
 Lab File: VN074311.D
 Acq: 03 Sep 2022 01:51

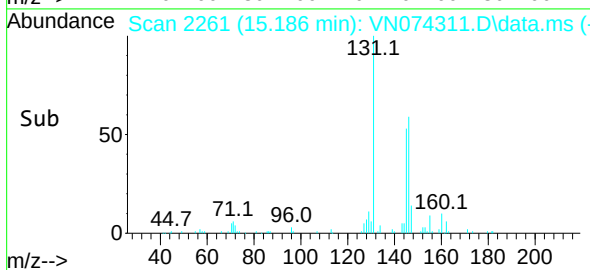
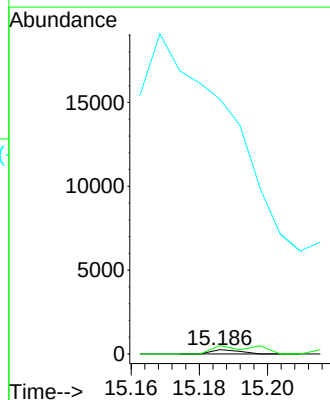
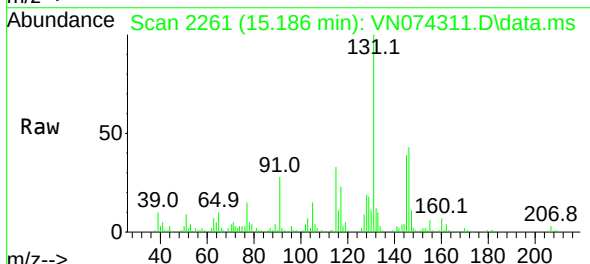
Instrument :
 MSVOA_N
 ClientSampleId :
 DUP082322

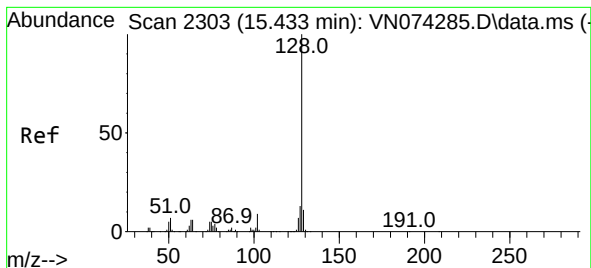
Tgt Ion: 75 Resp: 1481
 Ion Ratio Lower Upper
 75 100
 155 14.9 44.9 134.5#
 157 0.0 59.0 176.8#



#93
 1,2,4-Trichlorobenzene
 Concen: 0.871 ug/l
 RT: 15.186 min Scan# 2261
 Delta R.T. -0.012 min
 Lab File: VN074311.D
 Acq: 03 Sep 2022 01:51

Tgt Ion: 180 Resp: 147
 Ion Ratio Lower Upper
 180 100
 182 296.6 47.5 142.5#
 145 33287.8 14.5 43.5#





#95

Naphthalene

Concen: 425.061 ug/l

RT: 15.433 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN074311.D

Acq: 03 Sep 2022 01:51

Instrument :

MSVOA_N

ClientSampleId :

DUP082322

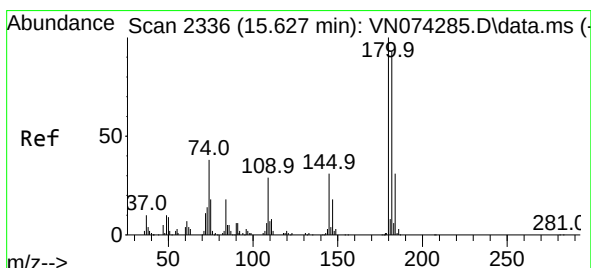
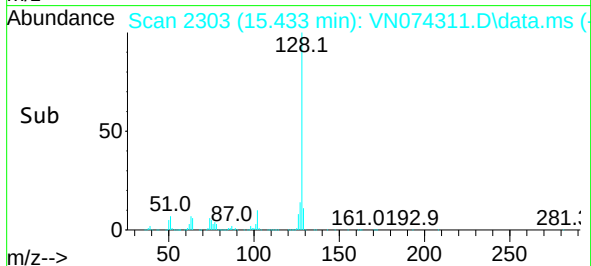
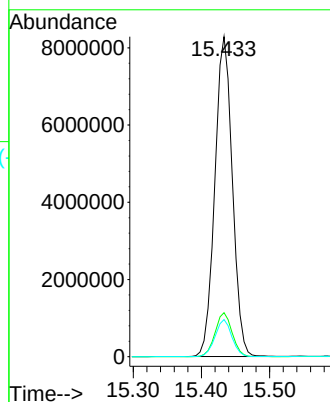
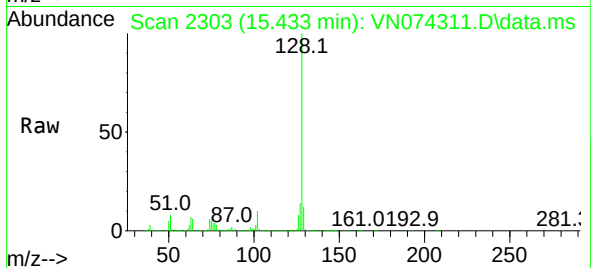
Tgt Ion:128 Resp:14807840

Ion Ratio Lower Upper

128 100

127 13.4 10.3 15.5

129 11.1 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 0.419 ug/l

RT: 15.621 min Scan# 2335

Delta R.T. -0.006 min

Lab File: VN074311.D

Acq: 03 Sep 2022 01:51

Tgt Ion:180 Resp: 60

Ion Ratio Lower Upper

180 100

182 145.0 47.8 143.3#

145 0.0 15.5 46.5#

