

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081222\
 Data File : VN073863.D
 Acq On : 12 Aug 2022 19:55
 Operator : JC\MD
 Sample : N4156-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 31476

Quant Time: Aug 13 05:05:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 10 05:09:32 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	551536	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	842181	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	790500	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	455409	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	276612	41.154	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	82.300%
35) Dibromofluoromethane	7.951	113	272171	51.466	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.940%
50) Toluene-d8	10.380	98	903039	43.394	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	86.780%
62) 4-Bromofluorobenzene	12.674	95	377026	51.521	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.040%

Target Compounds						Qvalue
3) Chloromethane	2.263	50	1685	Below Cal	#	77
6) Chloroethane	2.957	64	64	Below Cal	#	42
11) Tert butyl alcohol	5.304	59	1103	0.761	ug/l #	72
13) Acrolein	3.993	56	804	0.559	ug/l #	16
16) Acetone	4.240	43	2106062	583.380	ug/l	99
18) Methyl Acetate	4.787	43	13883	1.546	ug/l #	74
20) Methylene Chloride	5.010	84	67985	9.872	ug/l	92
25) 2-Butanone	7.281	43	23274	4.151	ug/l	100
29) Tetrahydrofuran	7.628	42	2377	0.671	ug/l #	82
31) Cyclohexane	8.022	56	13416	1.341	ug/l #	48
36) 1,1-Dichloropropene	8.022	75	35958	4.771	ug/l #	49
37) Ethyl Acetate	7.339	43	63080	6.355	ug/l #	93
38) Carbon Tetrachloride	8.016	117	48297	6.309	ug/l #	18
39) Methylcyclohexane	9.392	83	15084	1.675	ug/l	98
40) Benzene	8.386	78	38757	1.584	ug/l	95
43) Isopropyl Acetate	8.498	43	713421	53.212	ug/l #	72
48) Methyl methacrylate	9.498	41	26341	4.488	ug/l #	71
49) 1,4-Dioxane	9.510	88	61	0.369	ug/l #	1
51) 4-Methyl-2-Pentanone	10.275	43	34067	3.543	ug/l #	84
52) Toluene	10.445	92	8138437	544.380	ug/l	97
53) t-1,3-Dichloropropene	10.445	75	95338	11.842	ug/l #	1
54) cis-1,3-Dichloropropene	10.186	75	94082	10.370	ug/l #	61
55) 1,1,2-Trichloroethane	10.816	97	1981	0.318	ug/l #	31
56) Ethyl methacrylate	10.633	69	7702	0.896	ug/l #	28
57) 1,3-Dichloropropane	11.033	76	12616	1.193	ug/l #	43
59) 2-Hexanone	11.033	43	151027	20.730	ug/l #	49
65) Chlorobenzene	11.804	112	22691	1.351	ug/l #	49
67) Ethyl Benzene	11.786	91	542056	19.136	ug/l	100
68) m/p-Xylenes	11.892	106	608385	56.311	ug/l	99
69) o-Xylene	12.221	106	372425	35.358	ug/l	98
70) Styrene	12.221	104	20256	1.201	ug/l #	1
73) Isopropylbenzene	12.521	105	58013	1.740	ug/l	97
74) N-amyl acetate	12.292	43	22940	1.821	ug/l #	42
76) 1,2,3-Trichloropropane	12.674	75	188483	20.704	ug/l #	1
78) n-propylbenzene	12.863	91	142657	3.803	ug/l	98
79) 2-Chlorotoluene	12.921	91	50919	2.175	ug/l #	41

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 Response via : Initial Calibration

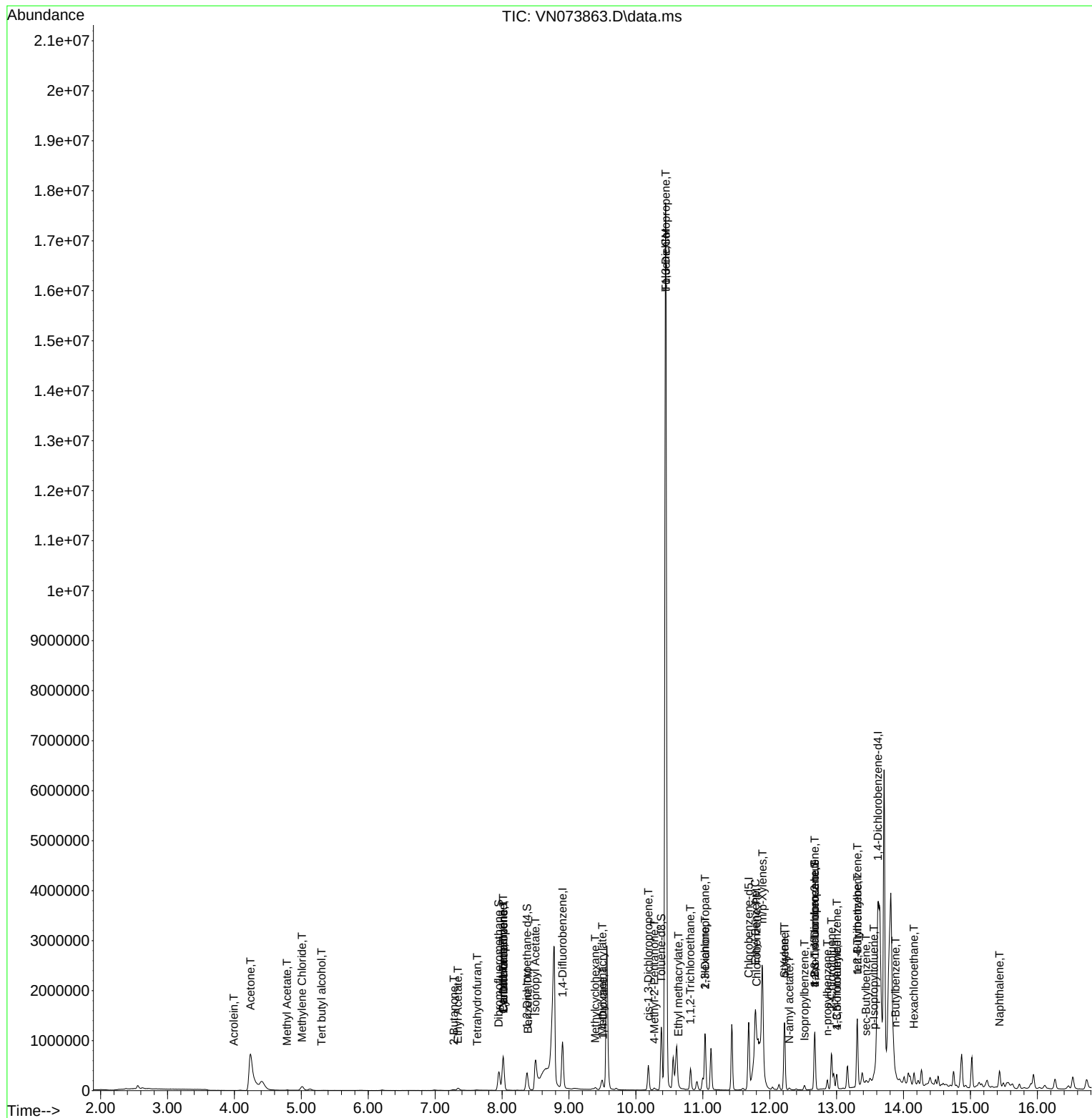
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) 1,3,5-Trimethylbenzene	13.004	105	156289	5.697	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.674	75	188483	53.636	ug/l #	11
82) 4-Chlorotoluene	13.004	91	16615	0.749	ug/l #	40
83) tert-Butylbenzene	13.310	119	97623	4.017	ug/l #	69
84) 1,2,4-Trimethylbenzene	13.310	105	766280	28.406	ug/l	100
85) sec-Butylbenzene	13.439	105	30929	0.921	ug/l	83
86) p-Isopropyltoluene	13.557	119	18593	0.702	ug/l	97
89) n-Butylbenzene	13.880	91	28161	1.307	ug/l #	82
90) Hexachloroethane	14.157	117	10673	2.032	ug/l #	9
95) Naphthalene	15.433	128	313776	12.126	ug/l	99

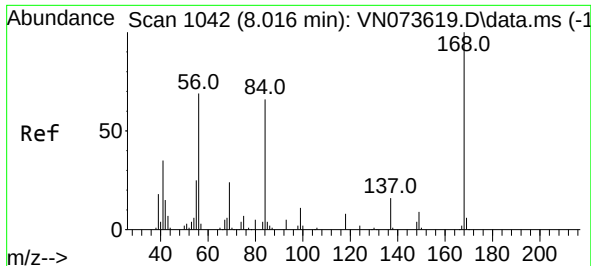
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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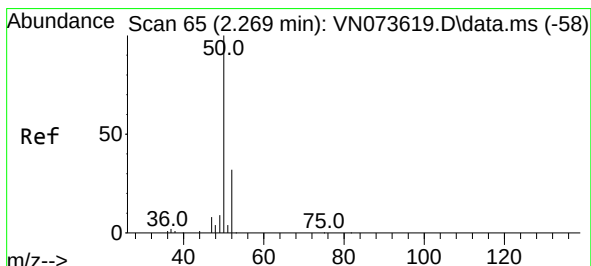
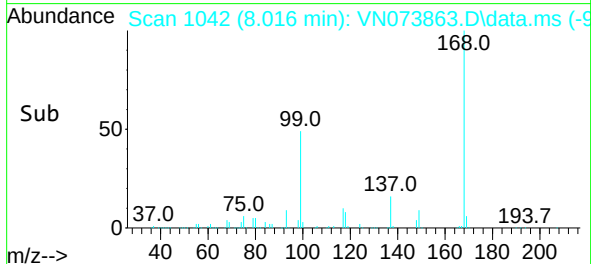
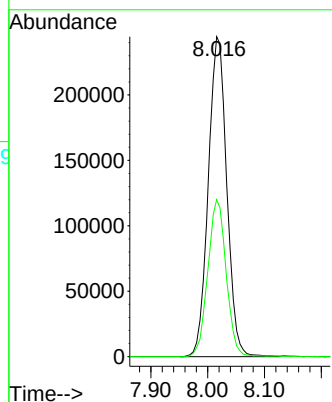
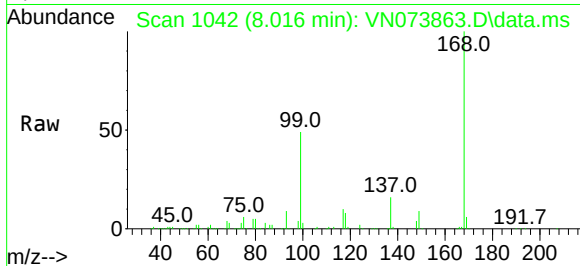




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073863.D
Acq: 12 Aug 2022 19:55

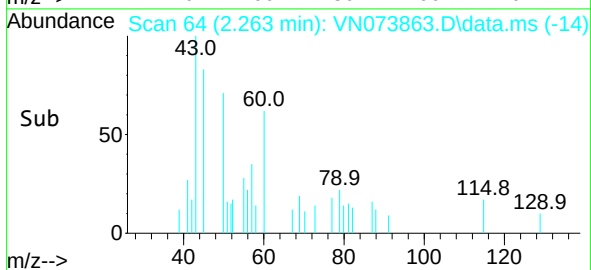
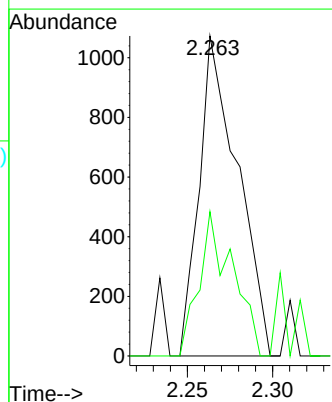
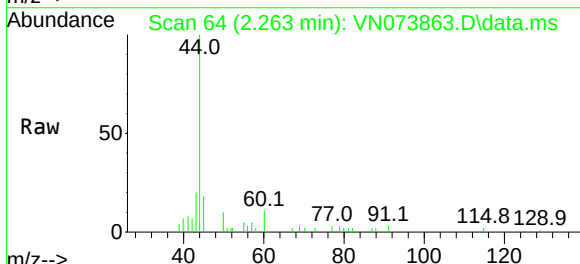
Instrument :
MSVOA_N
ClientSampleId :
31476

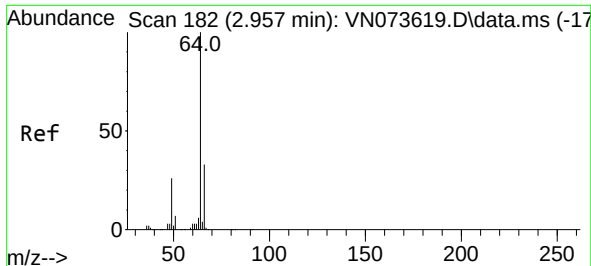
Tgt Ion:168 Resp: 551536
Ion Ratio Lower Upper
168 100
99 49.1 42.3 63.5



#3
Chloromethane
Concen: Below Cal
RT: 2.263 min Scan# 64
Delta R.T. -0.006 min
Lab File: VN073863.D
Acq: 12 Aug 2022 19:55

Tgt Ion: 50 Resp: 1685
Ion Ratio Lower Upper
50 100
52 45.1 25.7 38.5#

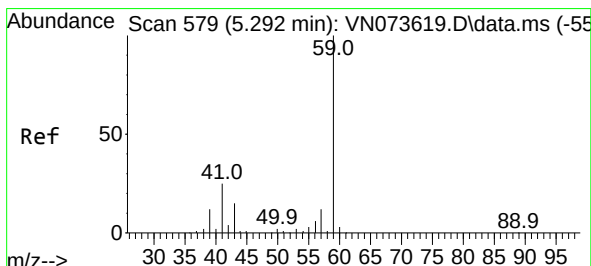
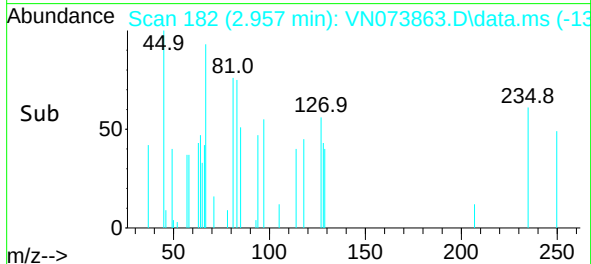
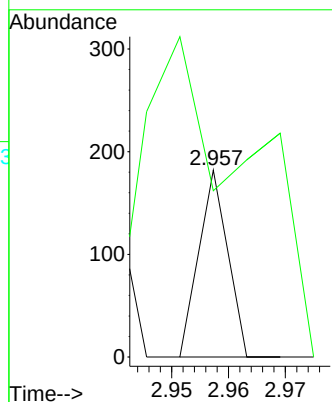
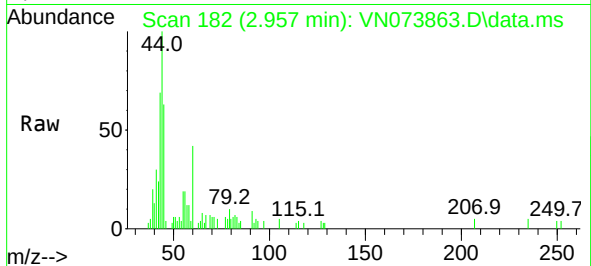




#6
Chloroethane
Concen: Below Cal
RT: 2.957 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN073863.D
Acq: 12 Aug 2022 19:55

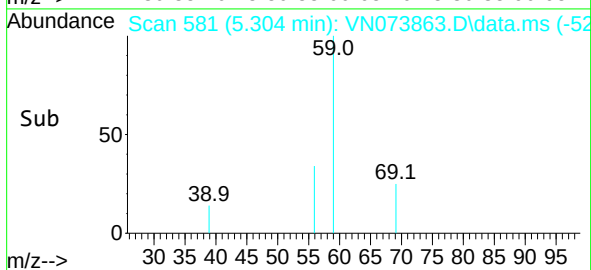
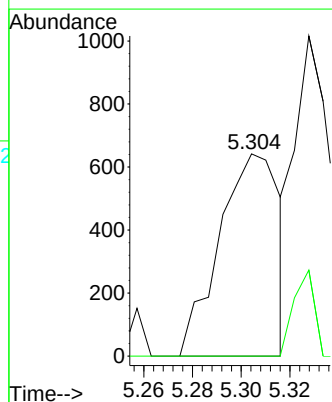
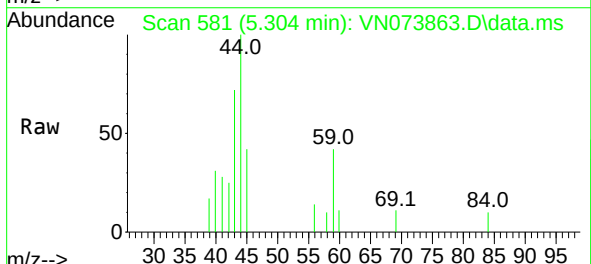
Instrument :
MSVOA_N
ClientSampleId :
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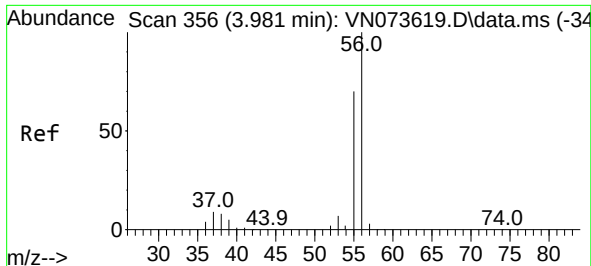
Tgt Ion: 64 Resp: 64
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#



#11
Tert butyl alcohol
Concen: 0.761 ug/l
RT: 5.304 min Scan# 581
Delta R.T. 0.012 min
Lab File: VN073863.D
Acq: 12 Aug 2022 19:55

Tgt Ion: 59 Resp: 1103
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

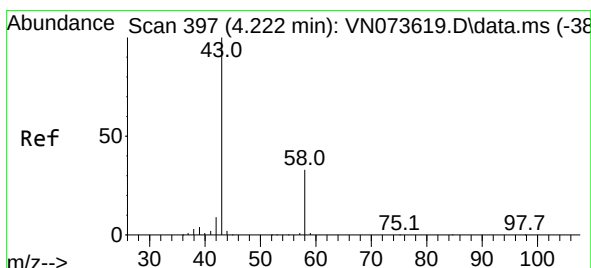
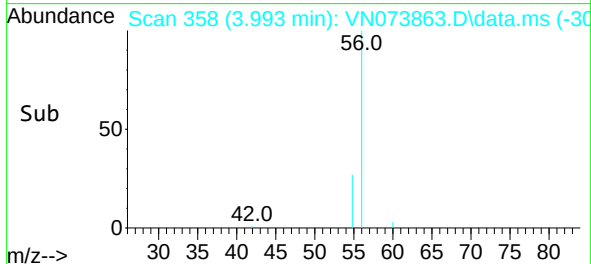
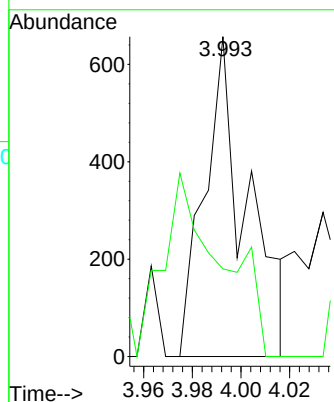
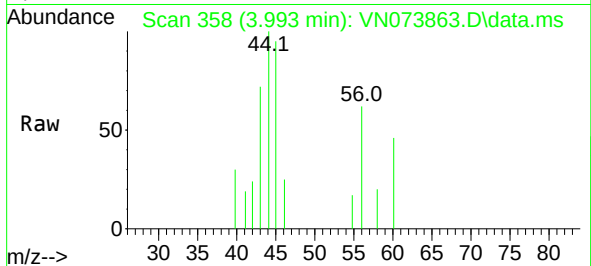




#13
Acrolein
Concen: 0.559 ug/l
RT: 3.993 min Scan# 31476
Delta R.T. 0.012 min
Lab File: VN073863.D
Acq: 12 Aug 2022 19:55

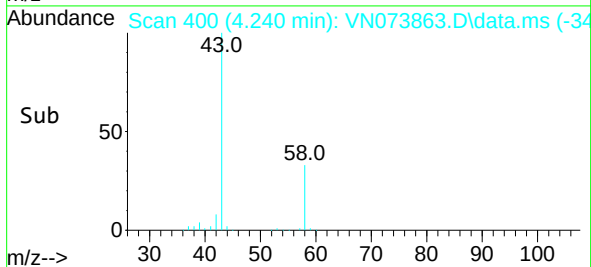
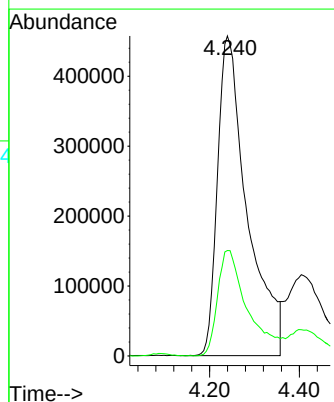
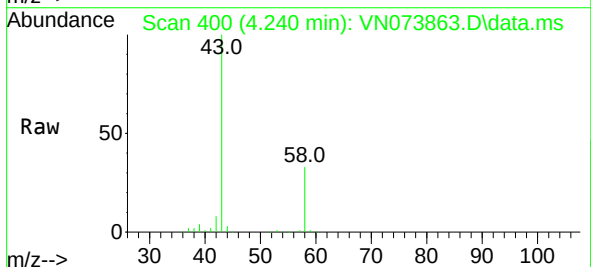
Instrument :
MSVOA_N
ClientSampleId :
31476

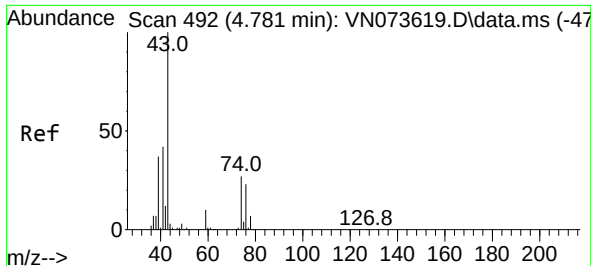
Tgt Ion: 56 Resp: 804
Ion Ratio Lower Upper
56 100
55 0.0 54.8 82.2#



#16
Acetone
Concen: 583.380 ug/l
RT: 4.240 min Scan# 400
Delta R.T. 0.018 min
Lab File: VN073863.D
Acq: 12 Aug 2022 19:55

Tgt Ion: 43 Resp: 2106062
Ion Ratio Lower Upper
43 100
58 32.9 26.0 39.0

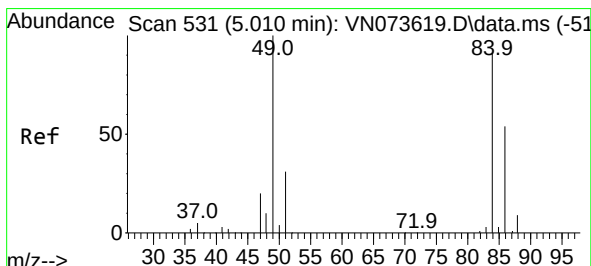
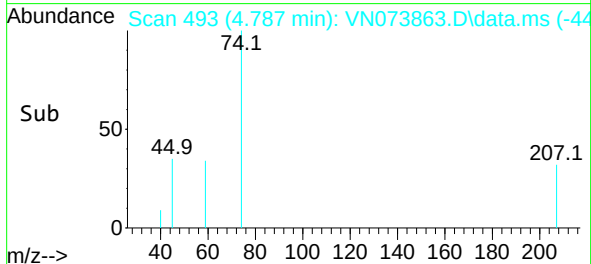
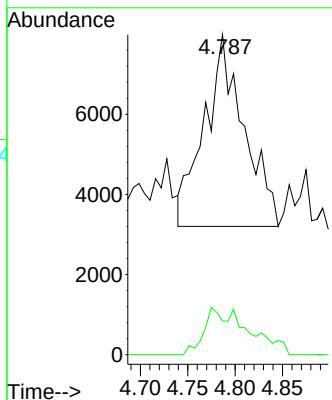
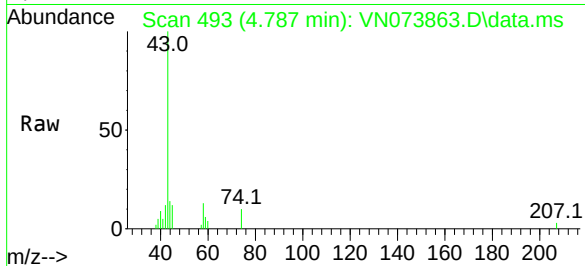




#18
Methyl Acetate
Concen: 1.546 ug/l
RT: 4.787 min Scan# 492
Delta R.T. 0.006 min
Lab File: VN073863.D
Acq: 12 Aug 2022 19:55

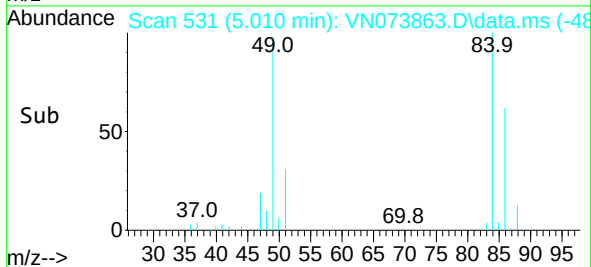
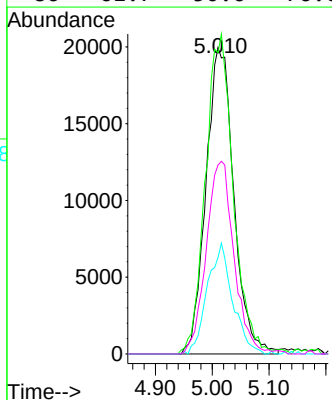
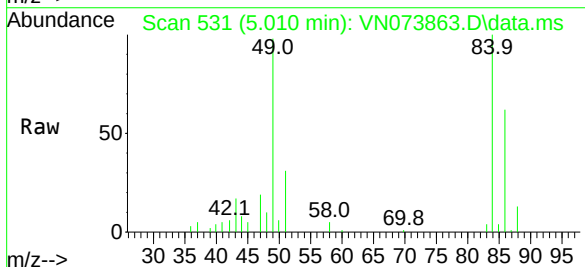
Instrument :
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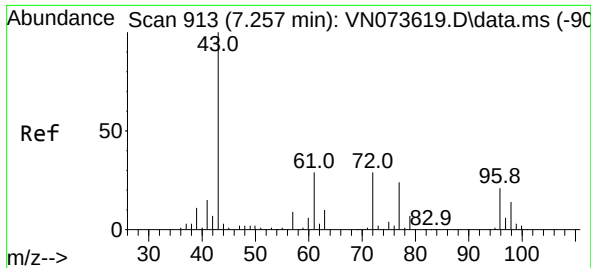
Tgt Ion: 43 Resp: 13883
Ion Ratio Lower Upper
43 100
74 13.5 21.6 32.4#



#20
Methylene Chloride
Concen: 9.872 ug/l
RT: 5.010 min Scan# 531
Delta R.T. 0.000 min
Lab File: VN073863.D
Acq: 12 Aug 2022 19:55

Tgt Ion: 84 Resp: 67985
Ion Ratio Lower Upper
84 100
49 98.3 88.3 132.5
51 31.5 28.2 42.2
86 61.7 50.6 76.0

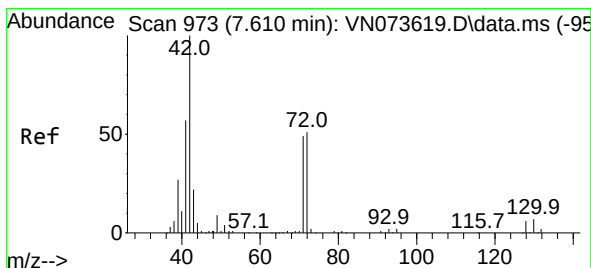
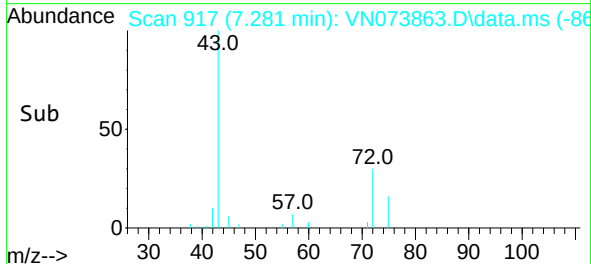
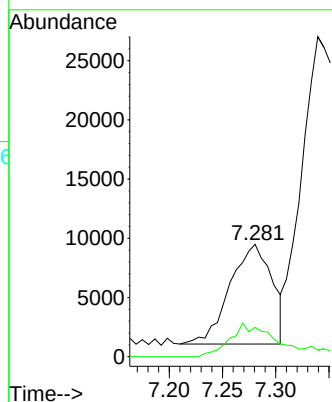
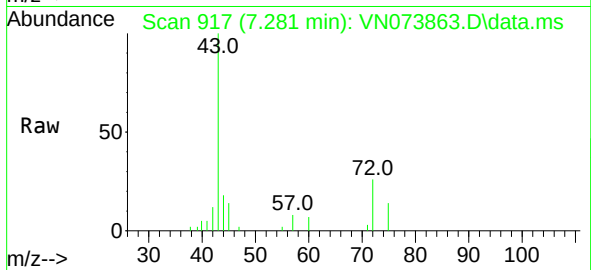




#25
2-Butanone
Concen: 4.151 ug/l
RT: 7.281 min Scan# 913
Delta R.T. 0.024 min
Lab File: VN073863.D
Acq: 12 Aug 2022 19:55

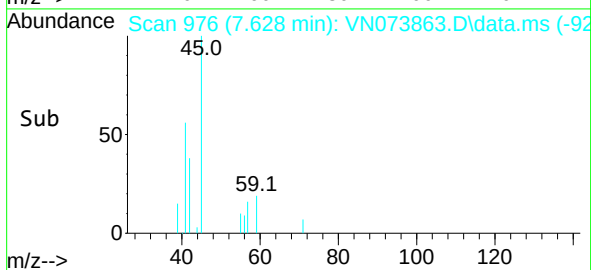
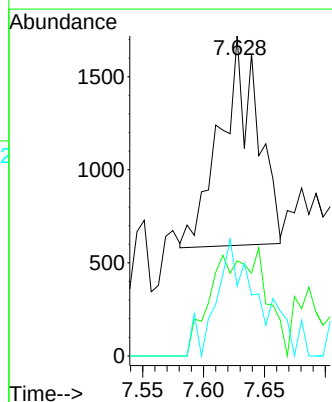
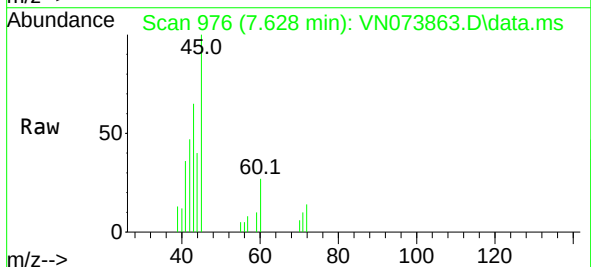
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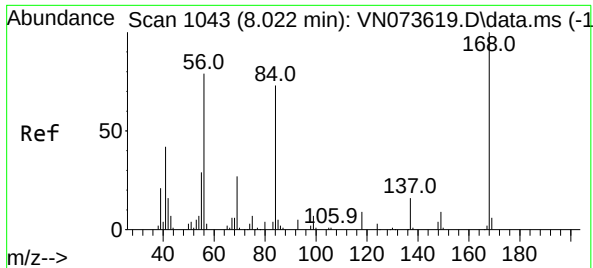
Tgt Ion: 43 Resp: 23274
Ion Ratio Lower Upper
43 100
72 29.4 23.7 35.5



#29
Tetrahydrofuran
Concen: 0.671 ug/l
RT: 7.628 min Scan# 976
Delta R.T. 0.018 min
Lab File: VN073863.D
Acq: 12 Aug 2022 19:55

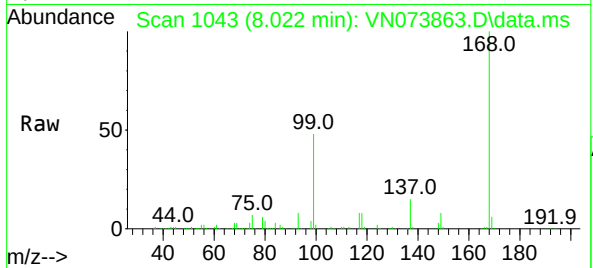
Tgt Ion: 42 Resp: 2377
Ion Ratio Lower Upper
42 100
72 31.2 39.7 59.5#
71 51.5 36.6 55.0



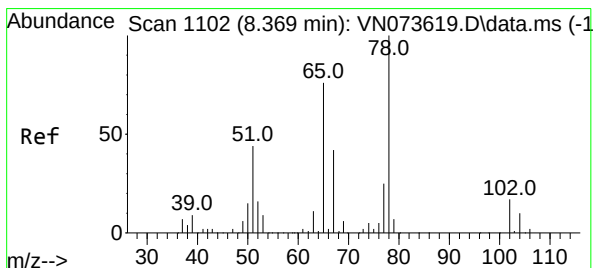
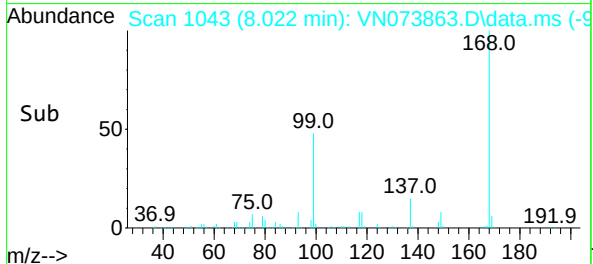
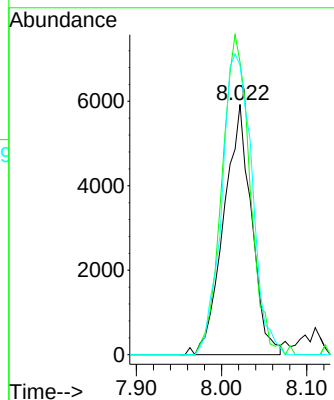


#31
Cyclohexane
Concen: 1.341 ug/l
RT: 8.022 min Scan# 1103
Delta R.T. -0.000 min
Lab File: VN073863.D
Acq: 12 Aug 2022 19:55

Instrument :
MSVOA_N
ClientSampleId :
31476

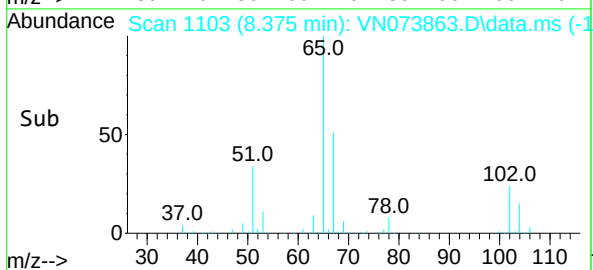
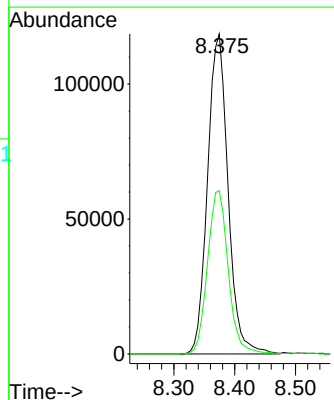
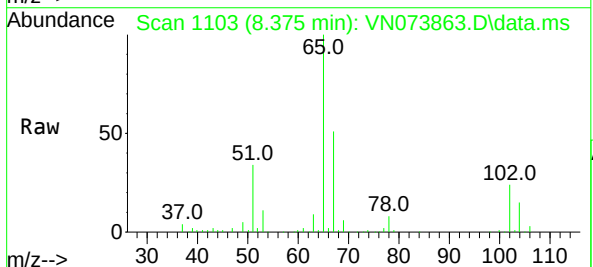


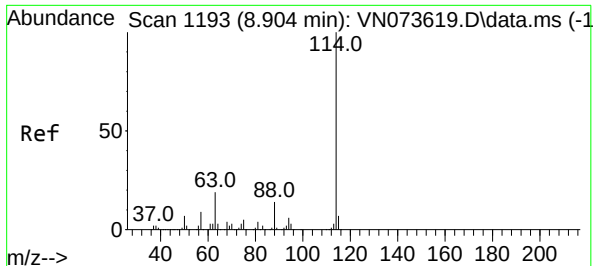
Tgt Ion: 56 Resp: 13416
Ion Ratio Lower Upper
56 100
69 116.9 27.8 41.8#
84 115.7 76.9 115.3#



#33
1,2-Dichloroethane-d4
Concen: 41.154 ug/l
RT: 8.375 min Scan# 1103
Delta R.T. 0.006 min
Lab File: VN073863.D
Acq: 12 Aug 2022 19:55

Tgt Ion: 65 Resp: 276612
Ion Ratio Lower Upper
65 100
67 51.7 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. -0.000 min

Lab File: VN073863.D

Acq: 12 Aug 2022 19:55

Instrument :

MSVOA_N

ClientSampleId :

31476

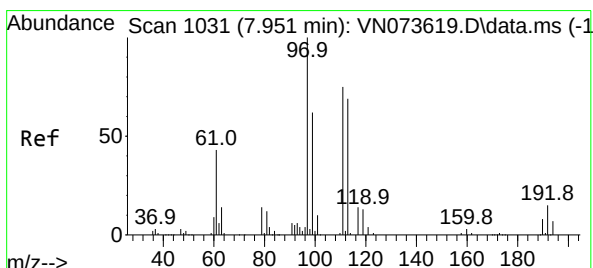
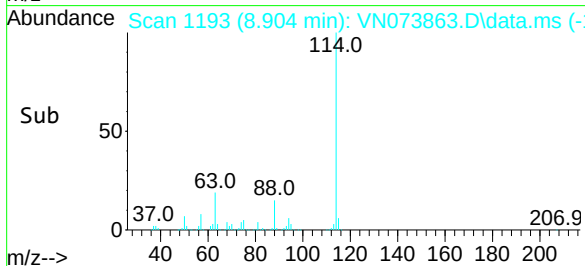
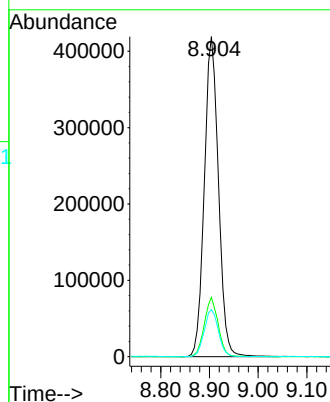
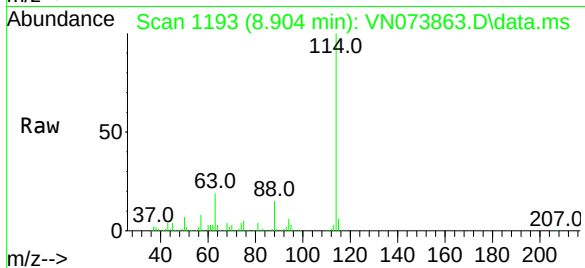
Tgt Ion:114 Resp: 842181

Ion Ratio Lower Upper

114 100

63 18.6 0.0 40.0

88 14.7 0.0 32.6



#35

Dibromofluoromethane

Concen: 51.466 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. -0.000 min

Lab File: VN073863.D

Acq: 12 Aug 2022 19:55

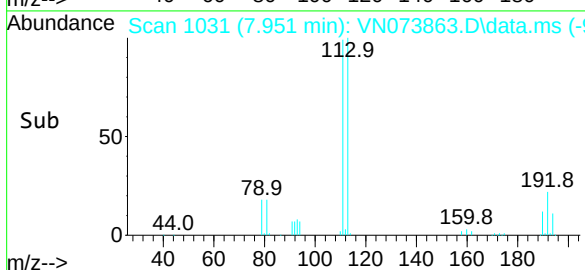
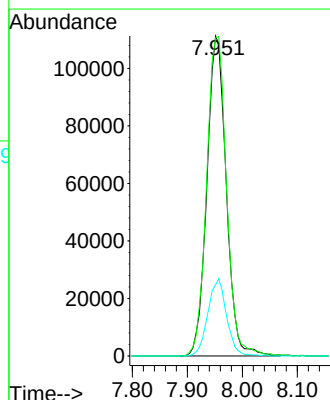
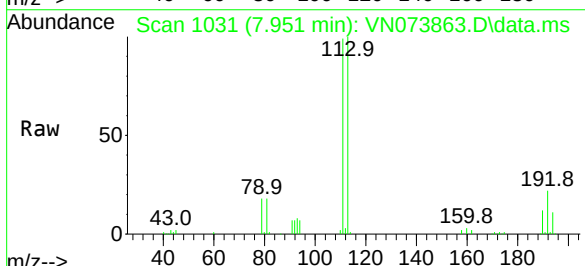
Tgt Ion:113 Resp: 272171

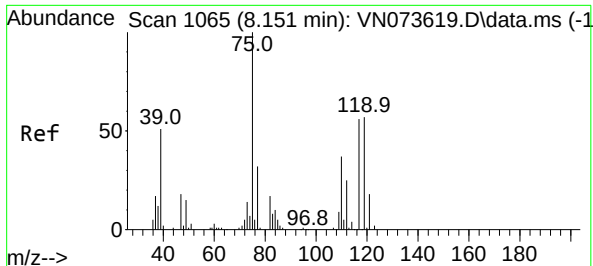
Ion Ratio Lower Upper

113 100

111 103.2 81.4 122.0

192 23.4 17.0 25.6

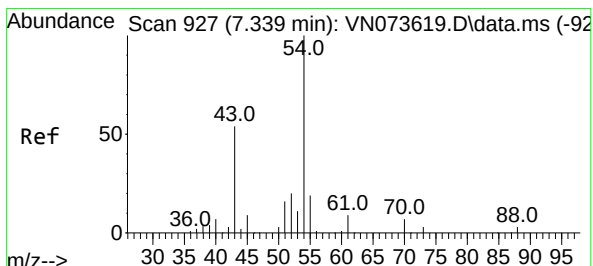
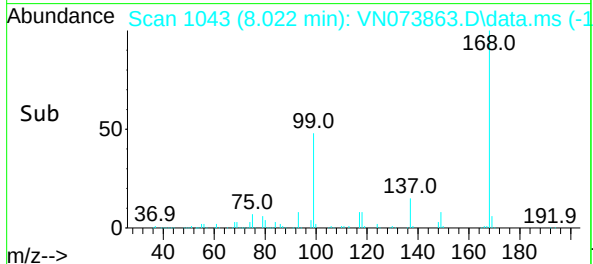
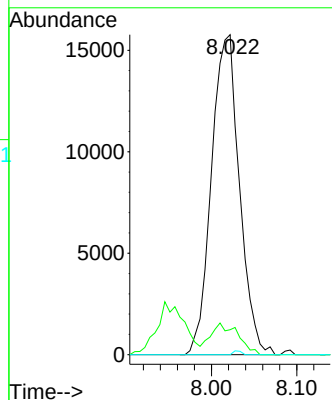
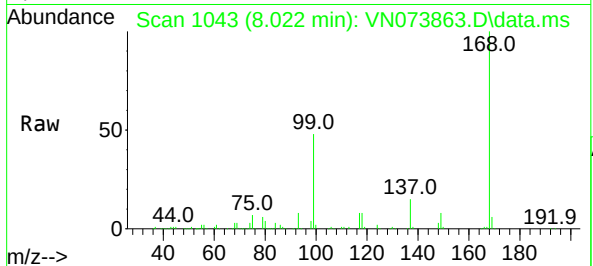




#36
1,1-Dichloropropene
Concen: 4.771 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. -0.129 min
Lab File: VN073863.D
Acq: 12 Aug 2022 19:55

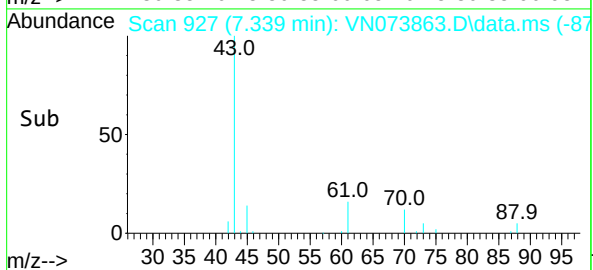
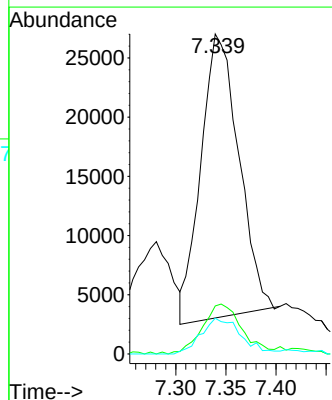
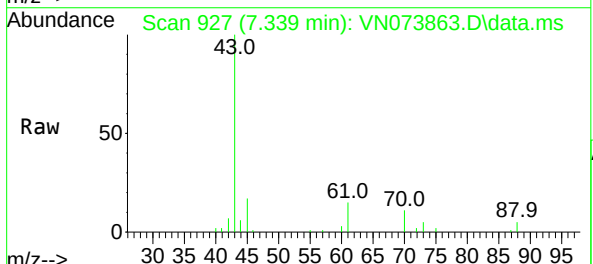
Instrument :
MSVOA_N
ClientSampleId :
31476

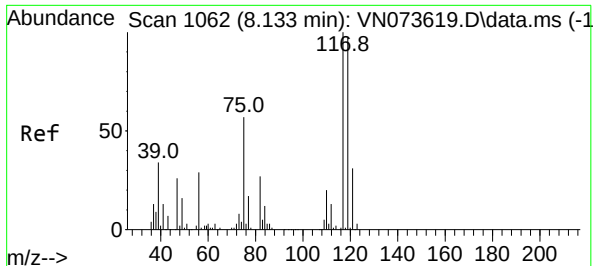
Tgt Ion: 75 Resp: 35958
Ion Ratio Lower Upper
75 100
110 9.8 18.3 54.8#
77 0.0 25.1 37.7#



#37
Ethyl Acetate
Concen: 6.355 ug/l
RT: 7.339 min Scan# 927
Delta R.T. -0.000 min
Lab File: VN073863.D
Acq: 12 Aug 2022 19:55

Tgt Ion: 43 Resp: 63080
Ion Ratio Lower Upper
43 100
61 18.4 11.8 17.6#
70 13.2 9.3 13.9

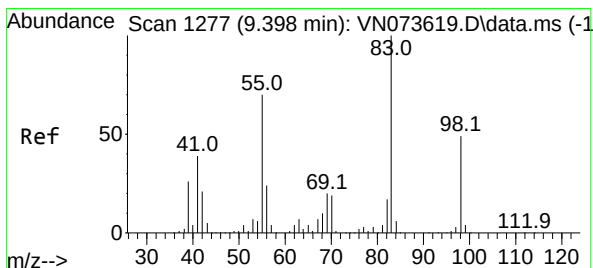
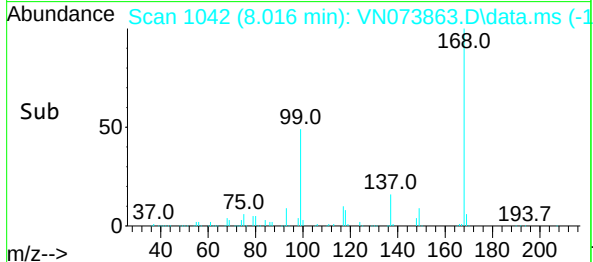
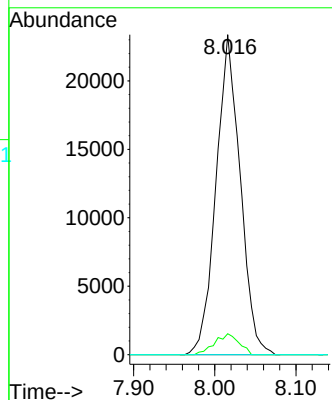
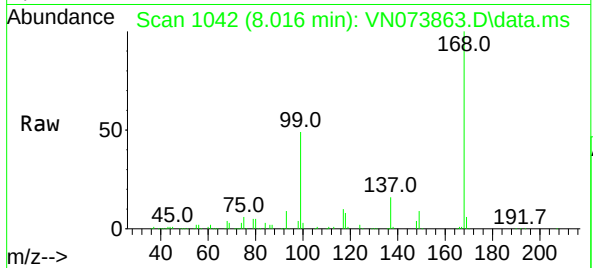




#38
Carbon Tetrachloride
Concen: 6.309 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.118 min
Lab File: VN073863.D
Acq: 12 Aug 2022 19:55

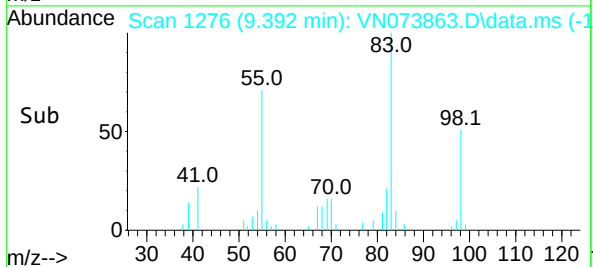
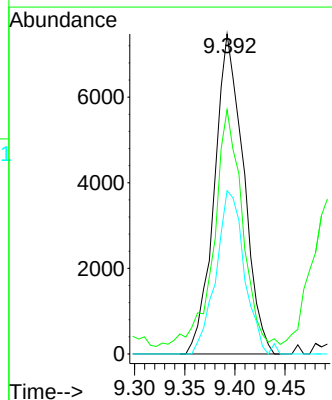
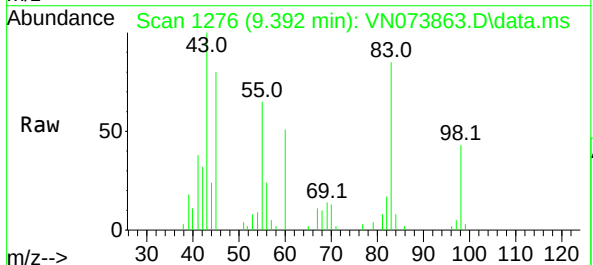
Instrument :
MSVOA_N
ClientSampleId :
31476

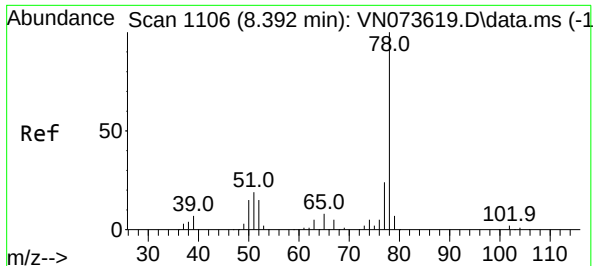
Tgt Ion:117 Resp: 48297
Ion Ratio Lower Upper
117 100
119 6.6 75.8 113.8#
121 0.0 24.6 37.0#



#39
Methylcyclohexane
Concen: 1.675 ug/l
RT: 9.392 min Scan# 1276
Delta R.T. -0.006 min
Lab File: VN073863.D
Acq: 12 Aug 2022 19:55

Tgt Ion: 83 Resp: 15084
Ion Ratio Lower Upper
83 100
55 73.3 57.8 86.8
98 51.0 39.4 59.2

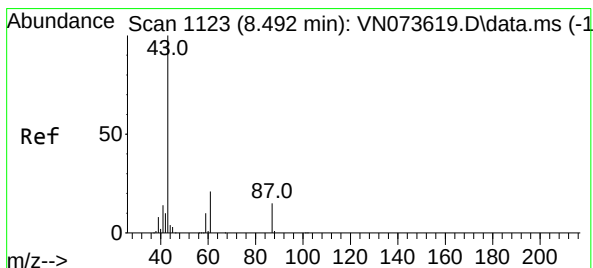
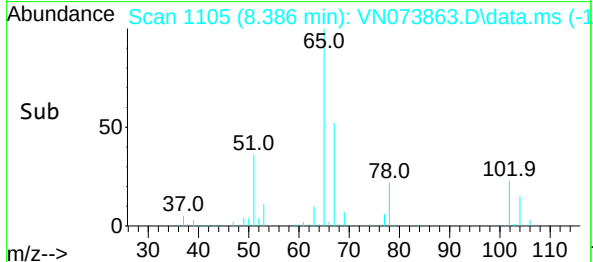
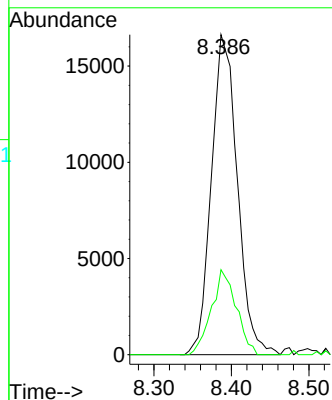
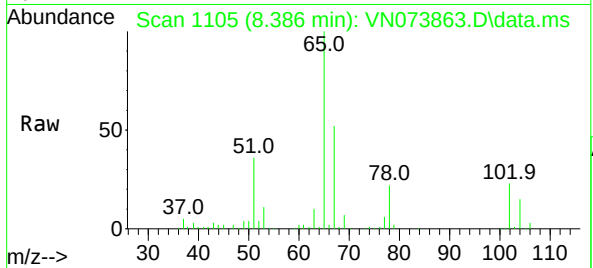




#40
Benzene
Concen: 1.584 ug/l
RT: 8.386 min Scan# 1105
Delta R.T. -0.006 min
Lab File: VN073863.D
Acq: 12 Aug 2022 19:55

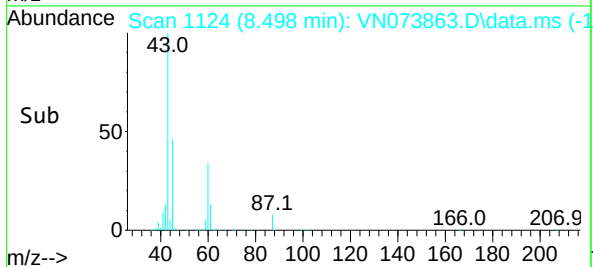
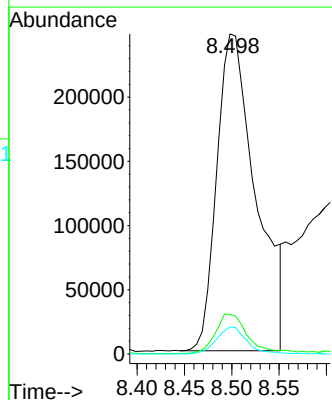
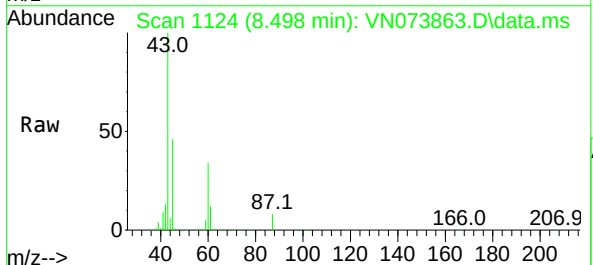
Instrument :
MSVOA_N
ClientSampleId :
31476

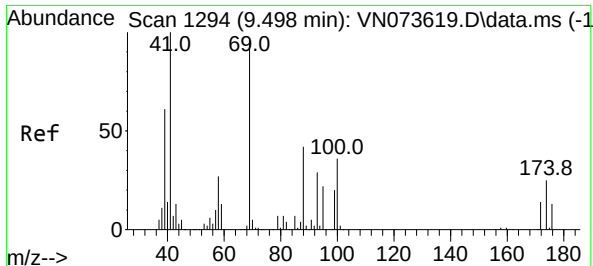
Tgt Ion: 78 Resp: 38757
Ion Ratio Lower Upper
78 100
77 26.6 19.4 29.0



#43
Isopropyl Acetate
Concen: 53.212 ug/l
RT: 8.498 min Scan# 1124
Delta R.T. 0.006 min
Lab File: VN073863.D
Acq: 12 Aug 2022 19:55

Tgt Ion: 43 Resp: 713421
Ion Ratio Lower Upper
43 100
61 10.5 21.9 32.9#
87 6.5 12.0 18.0#





#48

Methyl methacrylate

Concen: 4.488 ug/l

RT: 9.498 min Scan# 1294

Delta R.T. -0.000 min

Lab File: VN073863.D

Acq: 12 Aug 2022 19:55

Instrument :

MSVOA_N

ClientSampleId :

31476

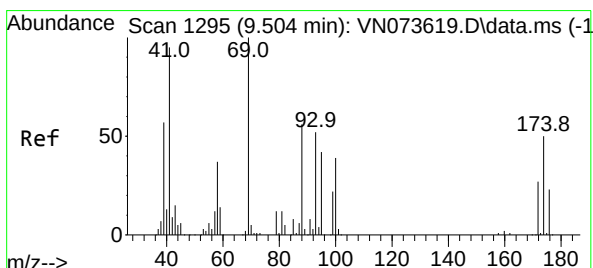
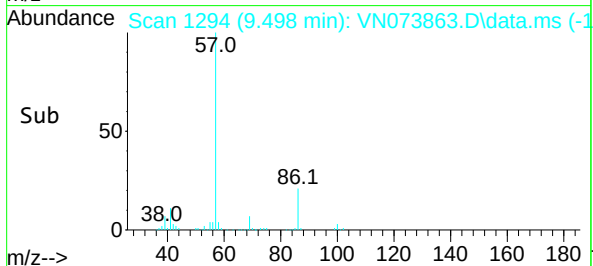
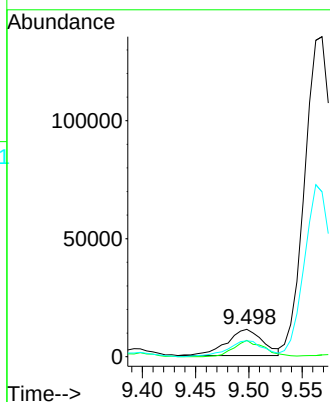
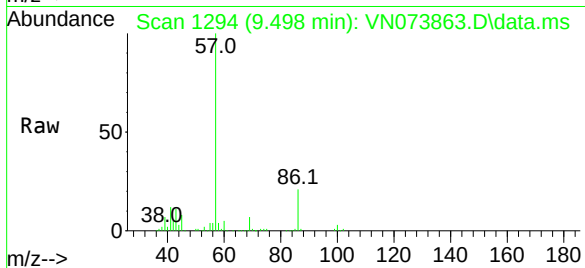
Tgt Ion: 41 Resp: 26341

Ion Ratio Lower Upper

41 100

69 51.9 74.7 112.1#

39 60.7 45.6 68.4



#49

1,4-Dioxane

Concen: 0.369 ug/l

RT: 9.510 min Scan# 1296

Delta R.T. 0.006 min

Lab File: VN073863.D

Acq: 12 Aug 2022 19:55

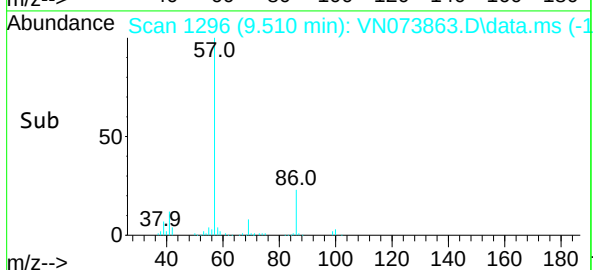
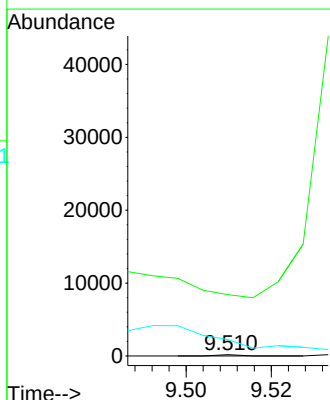
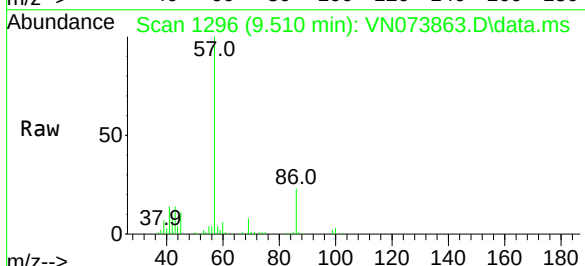
Tgt Ion: 88 Resp: 61

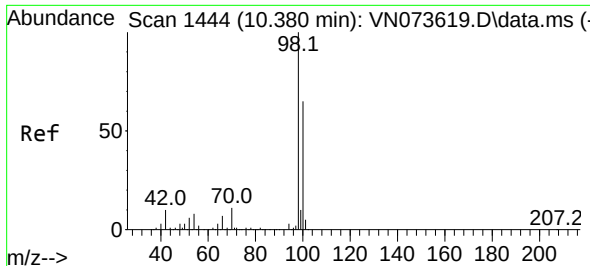
Ion Ratio Lower Upper

88 100

43 0.0 20.2 30.4#

58 20075.4 54.2 81.4#

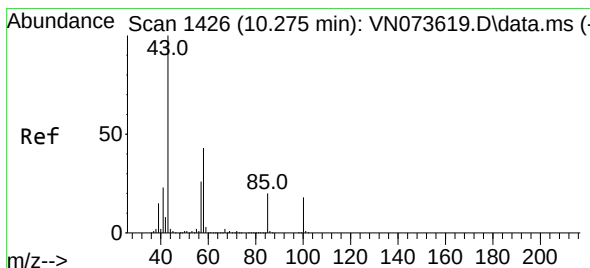
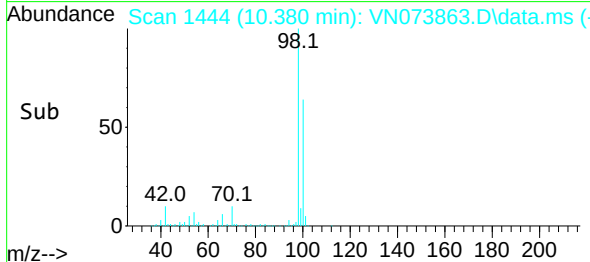
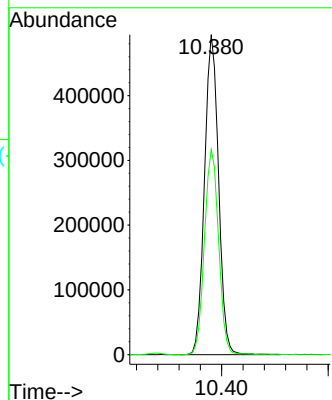
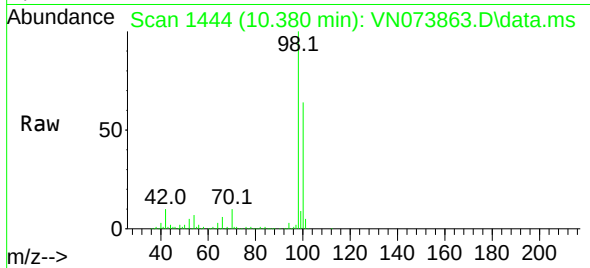




#50
Toluene-d8
Concen: 43.394 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN073863.D
Acq: 12 Aug 2022 19:55

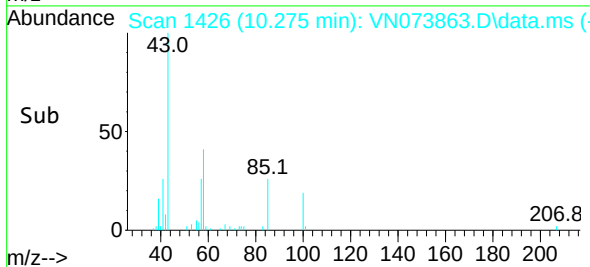
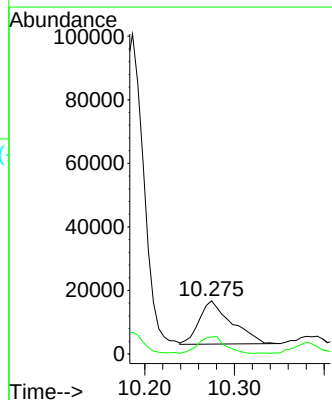
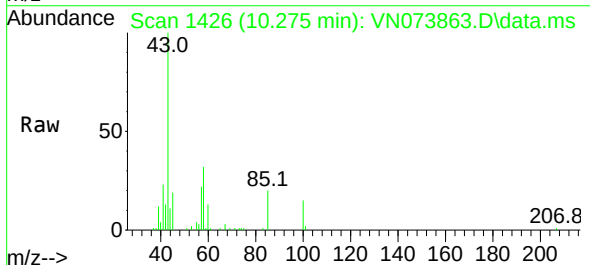
Instrument :
MSVOA_N
ClientSampleId :
31476

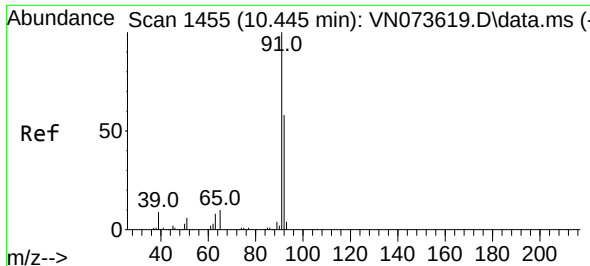
Tgt Ion: 98 Resp: 903039
Ion Ratio Lower Upper
98 100
100 64.7 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 3.543 ug/l
RT: 10.275 min Scan# 1426
Delta R.T. -0.001 min
Lab File: VN073863.D
Acq: 12 Aug 2022 19:55

Tgt Ion: 43 Resp: 34067
Ion Ratio Lower Upper
43 100
58 32.2 34.1 51.1#

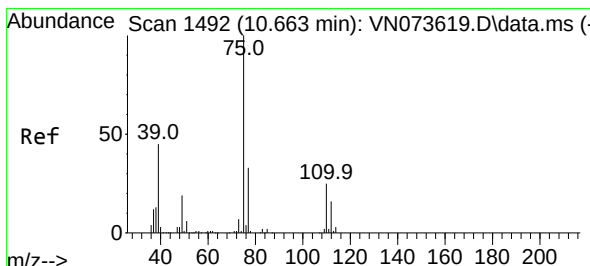
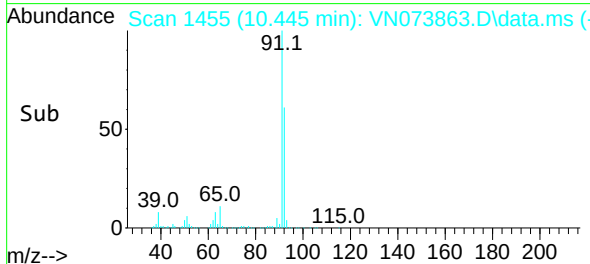
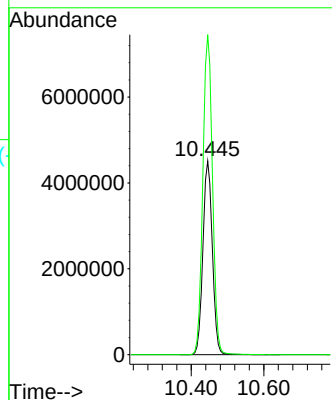
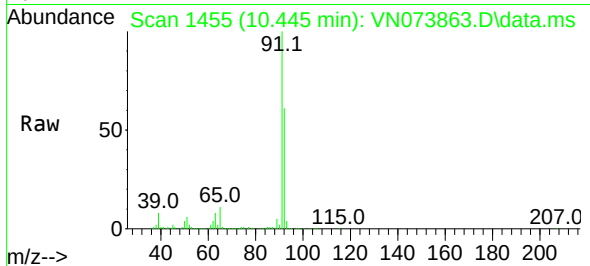




#52
Toluene
Concen: 544.380 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. -0.000 min
Lab File: VN073863.D
Acq: 12 Aug 2022 19:55

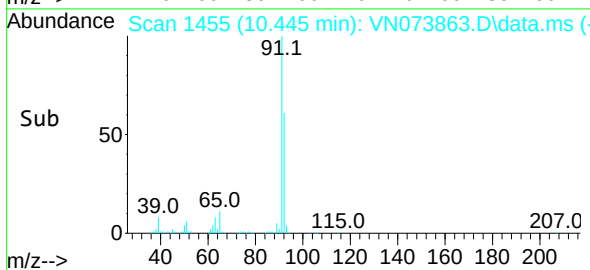
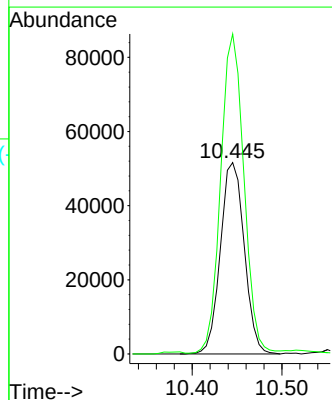
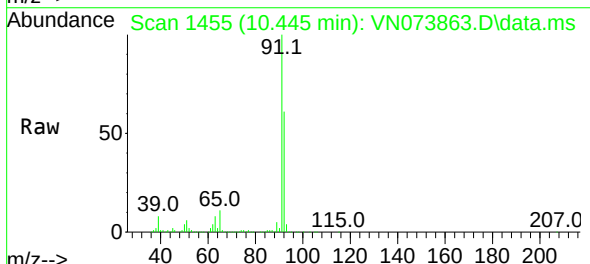
Instrument :
MSVOA_N
ClientSampleId :
31476

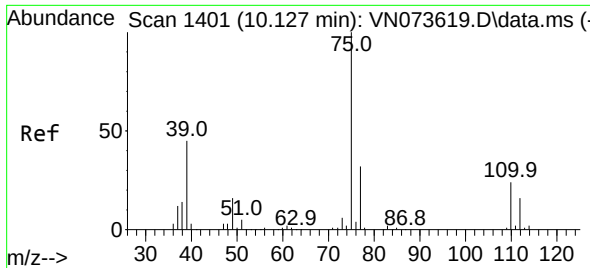
Tgt Ion: 92 Resp: 8138437
Ion Ratio Lower Upper
92 100
91 168.9 138.6 207.8



#53
t-1,3-Dichloropropene
Concen: 11.842 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. -0.218 min
Lab File: VN073863.D
Acq: 12 Aug 2022 19:55

Tgt Ion: 75 Resp: 95338
Ion Ratio Lower Upper
75 100
77 166.2 25.6 38.4#

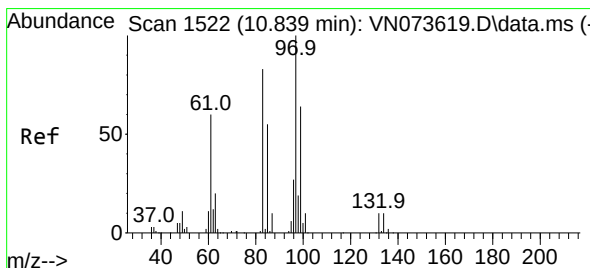
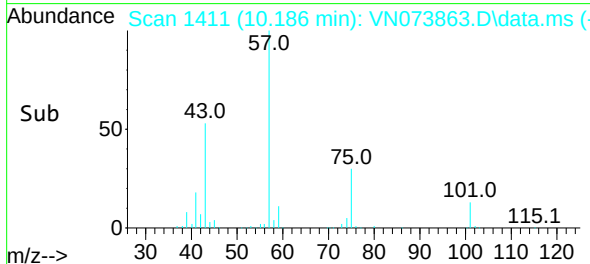
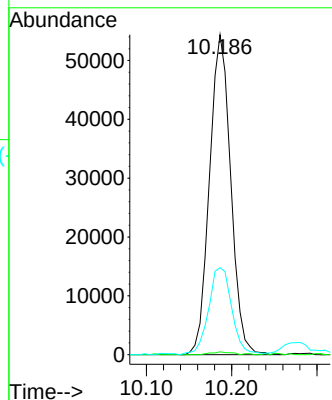
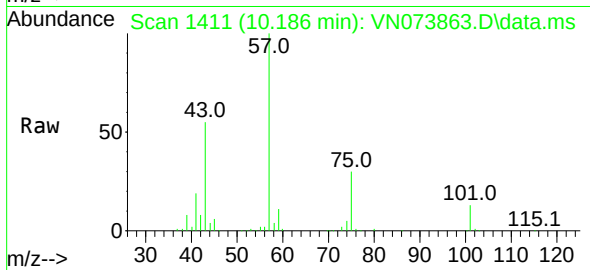




#54
 cis-1,3-Dichloropropene
 Concen: 10.370 ug/l
 RT: 10.186 min Scan# 1401
 Delta R.T. 0.059 min
 Lab File: VN073863.D
 Acq: 12 Aug 2022 19:55

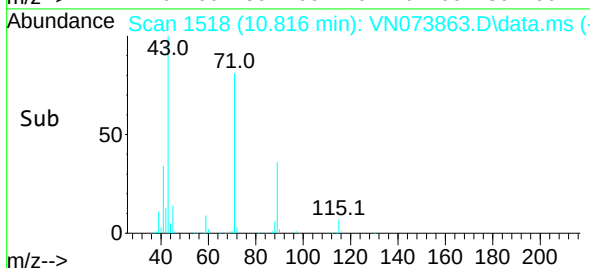
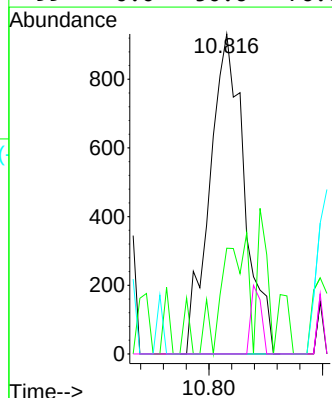
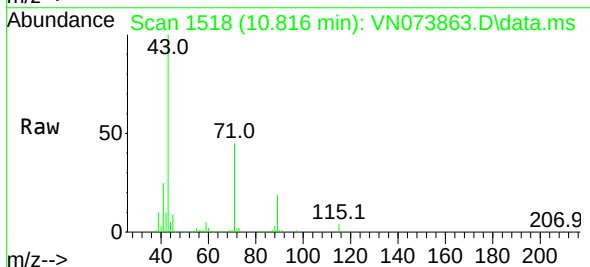
Instrument :
 MSVOA_N
 ClientSampleId :
 31476

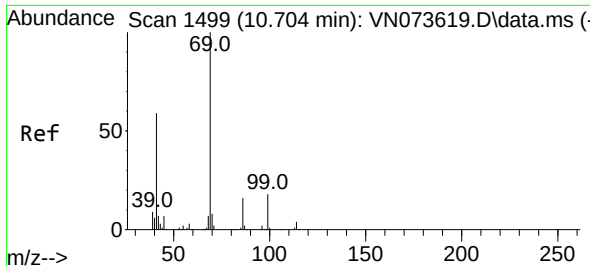
Tgt Ion: 75 Resp: 94082
 Ion Ratio Lower Upper
 75 100
 77 0.9 25.2 37.8#
 39 27.2 35.7 53.5#



#55
 1,1,2-Trichloroethane
 Concen: 0.318 ug/l
 RT: 10.816 min Scan# 1518
 Delta R.T. -0.024 min
 Lab File: VN073863.D
 Acq: 12 Aug 2022 19:55

Tgt Ion: 97 Resp: 1981
 Ion Ratio Lower Upper
 97 100
 83 33.0 66.2 99.4#
 85 0.0 43.9 65.9#
 99 0.0 50.6 76.0#

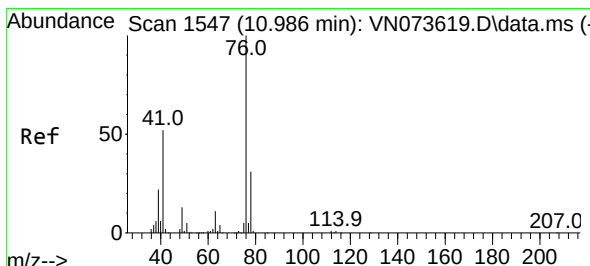
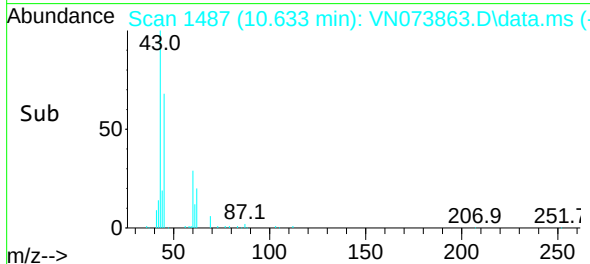
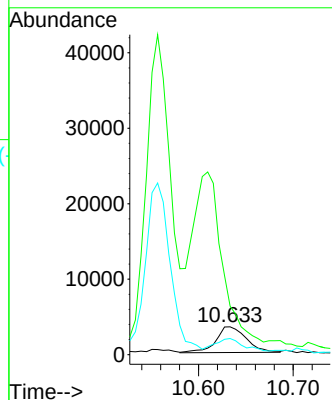
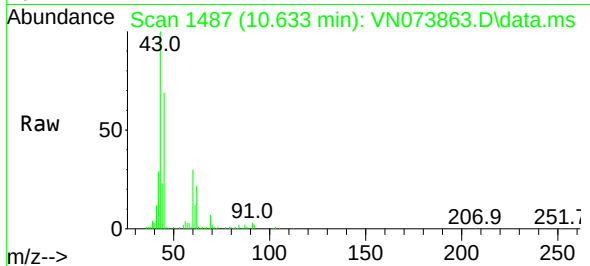




#56
Ethyl methacrylate
Concen: 0.896 ug/l
RT: 10.633 min Scan# 1499
Delta R.T. -0.071 min
Lab File: VN073863.D
Acq: 12 Aug 2022 19:55

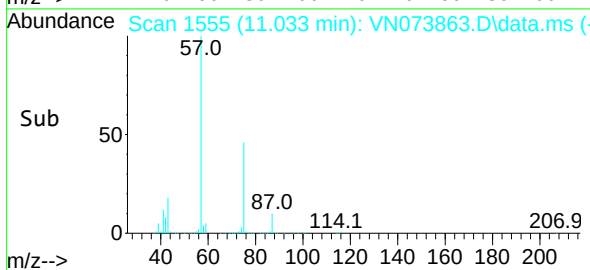
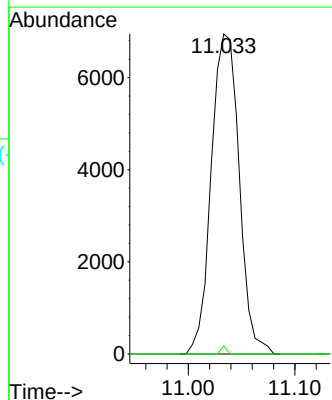
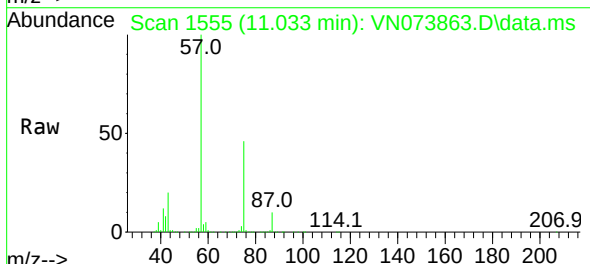
Instrument :
MSVOA_N
ClientSampleId :
31476

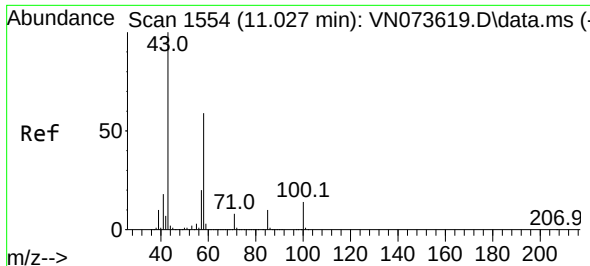
Tgt Ion: 69 Resp: 7702
Ion Ratio Lower Upper
69 100
41 0.0 47.8 71.6#
39 0.0 27.3 40.9#



#57
1,3-Dichloropropane
Concen: 1.193 ug/l
RT: 11.033 min Scan# 1555
Delta R.T. 0.047 min
Lab File: VN073863.D
Acq: 12 Aug 2022 19:55

Tgt Ion: 76 Resp: 12616
Ion Ratio Lower Upper
76 100
78 0.5 26.2 39.2#

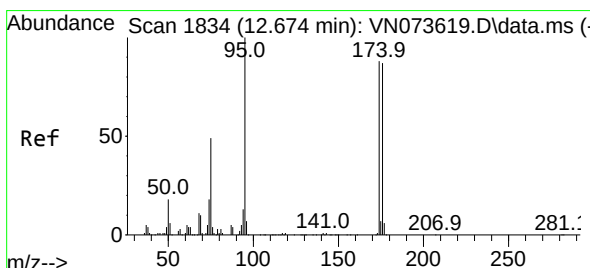
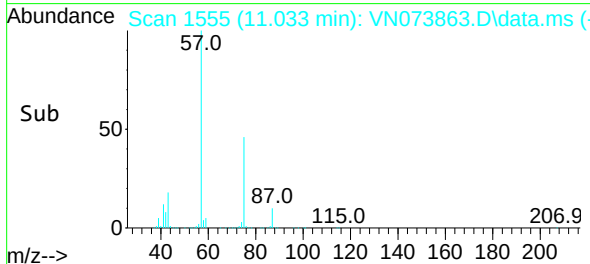
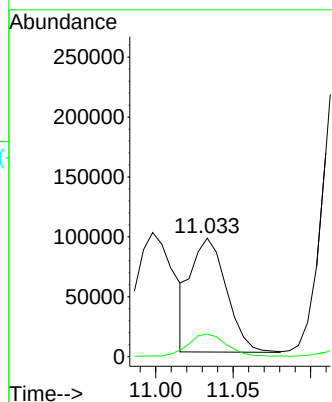
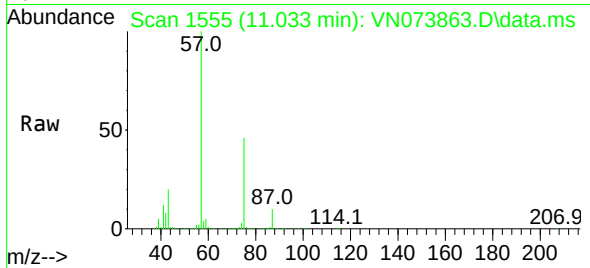




#59
2-Hexanone
Concen: 20.730 ug/l
RT: 11.033 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN073863.D
Acq: 12 Aug 2022 19:55

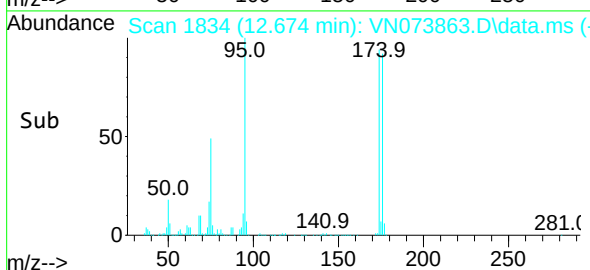
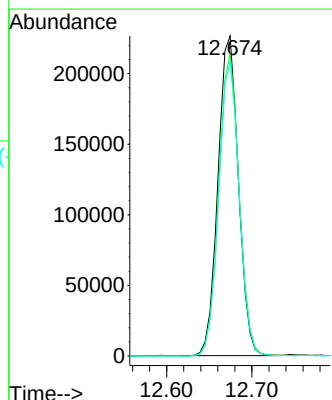
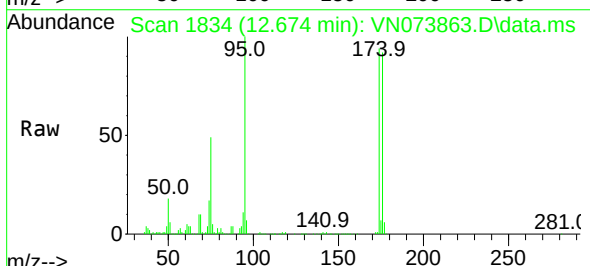
Instrument :
MSVOA_N
ClientSampleId :
31476

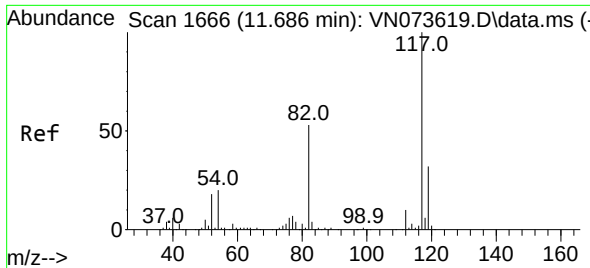
Tgt Ion: 43 Resp: 151027
Ion Ratio Lower Upper
43 100
58 21.4 29.7 89.1#



#62
4-Bromofluorobenzene
Concen: 51.521 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN073863.D
Acq: 12 Aug 2022 19:55

Tgt Ion: 95 Resp: 377026
Ion Ratio Lower Upper
95 100
174 94.9 0.0 167.6
176 91.6 0.0 163.4

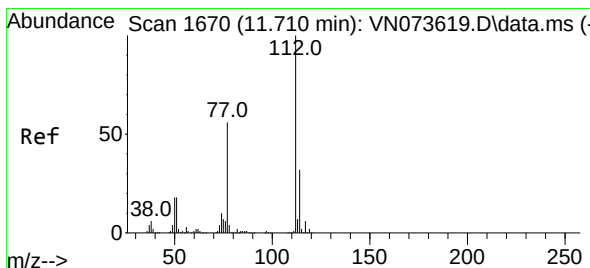
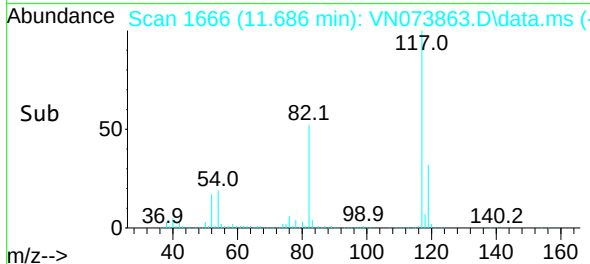
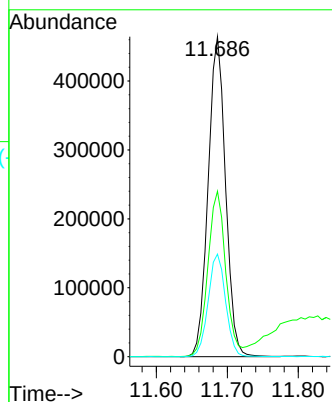
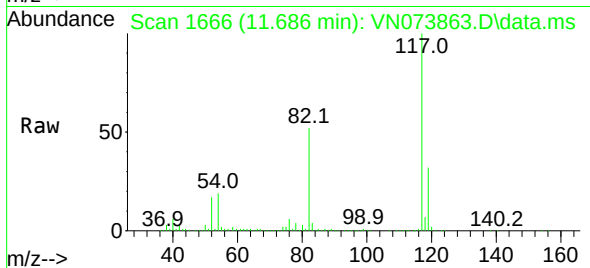




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. -0.000 min
Lab File: VN073863.D
Acq: 12 Aug 2022 19:55

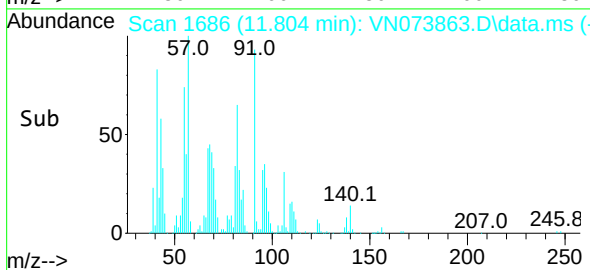
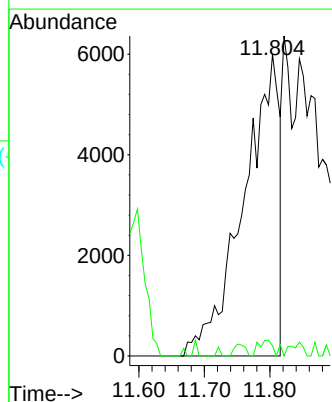
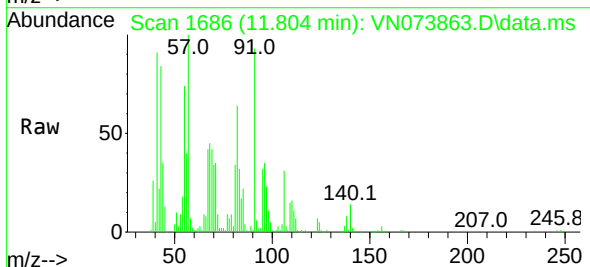
Instrument :
MSVOA_N
ClientSampleId :
31476

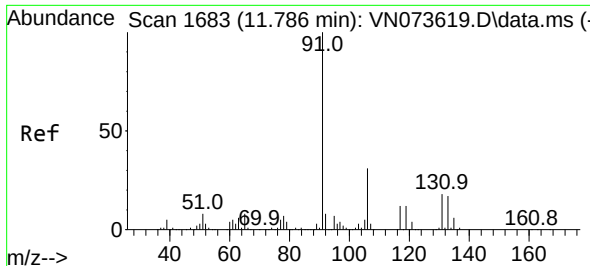
Tgt Ion:117 Resp: 790500
Ion Ratio Lower Upper
117 100
82 51.6 44.2 66.2
119 32.1 25.4 38.0



#65
Chlorobenzene
Concen: 1.351 ug/l
RT: 11.804 min Scan# 1686
Delta R.T. 0.094 min
Lab File: VN073863.D
Acq: 12 Aug 2022 19:55

Tgt Ion:112 Resp: 22691
Ion Ratio Lower Upper
112 100
114 3.4 25.4 38.2#





#67

Ethyl Benzene

Concen: 19.136 ug/l

RT: 11.786 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN073863.D

Acq: 12 Aug 2022 19:55

Instrument :

MSVOA_N

ClientSampleId :

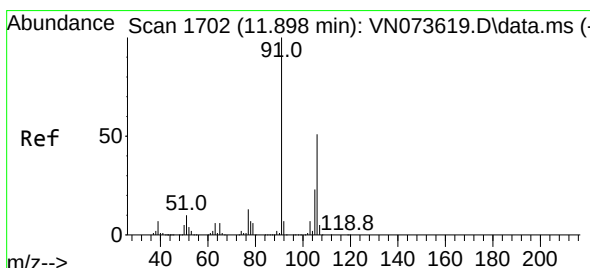
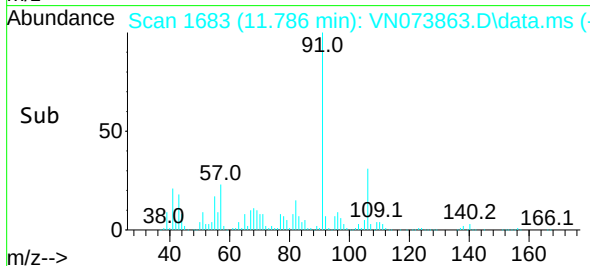
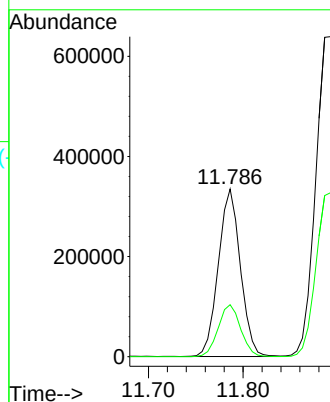
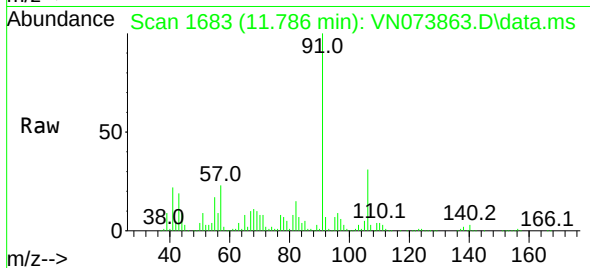
31476

Tgt Ion: 91 Resp: 542056

Ion Ratio Lower Upper

91 100

106 31.0 24.9 37.3



#68

m/p-Xylenes

Concen: 56.311 ug/l

RT: 11.892 min Scan# 1701

Delta R.T. -0.006 min

Lab File: VN073863.D

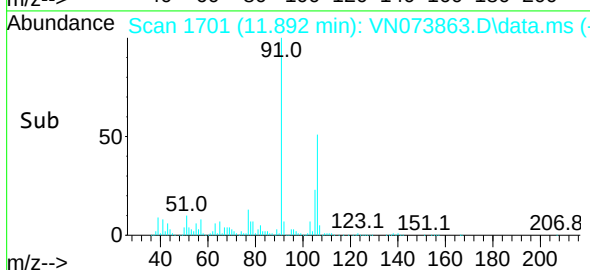
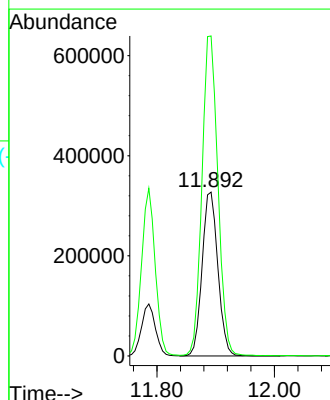
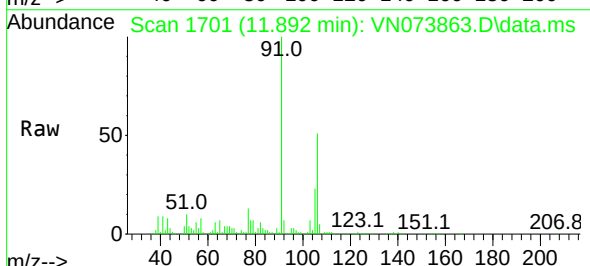
Acq: 12 Aug 2022 19:55

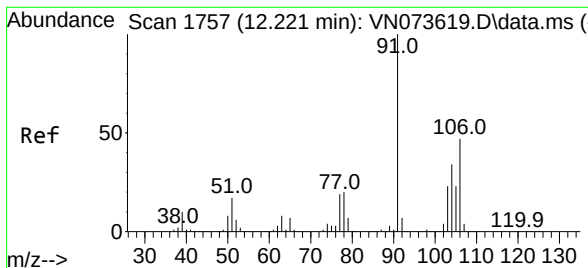
Tgt Ion:106 Resp: 608385

Ion Ratio Lower Upper

106 100

91 197.4 158.9 238.3

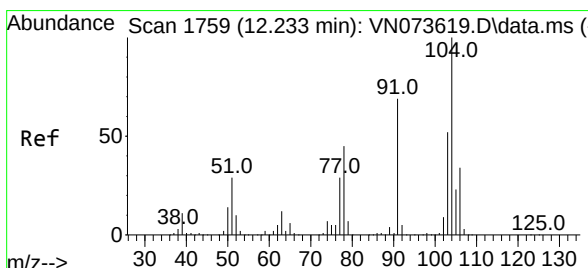
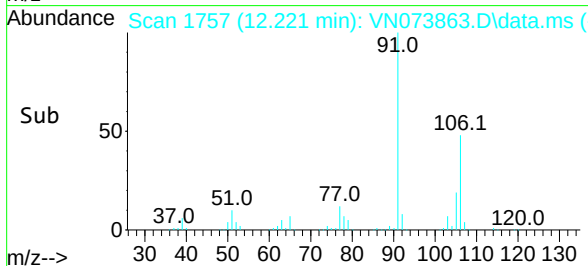
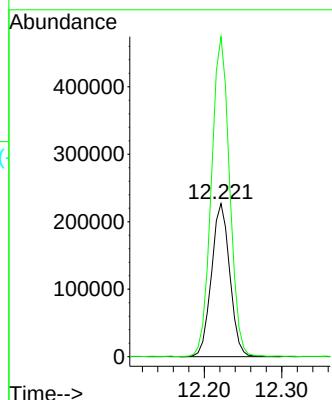
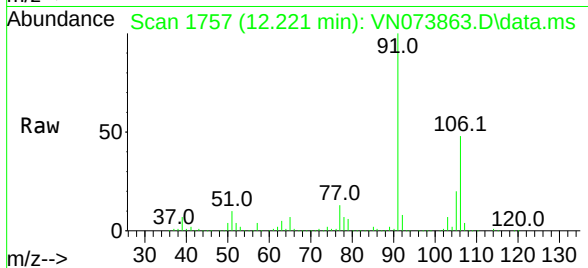




#69
o-Xylene
Concen: 35.358 ug/l
RT: 12.221 min Scan# 1757
Delta R.T. -0.000 min
Lab File: VN073863.D
Acq: 12 Aug 2022 19:55

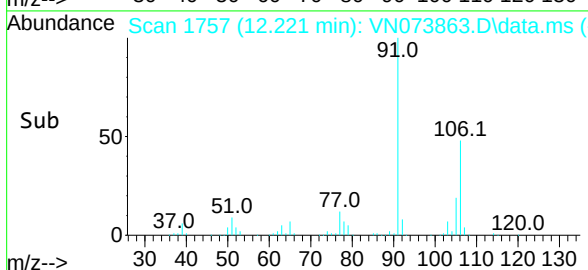
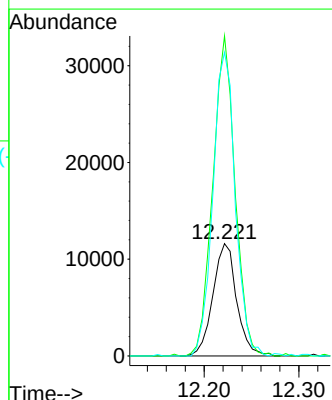
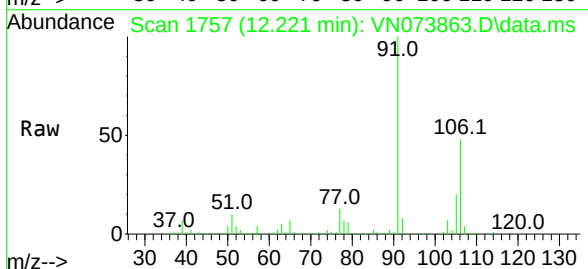
Instrument :
MSVOA_N
ClientSampleId :
31476

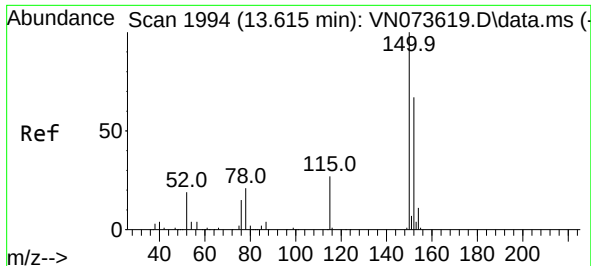
Tgt Ion:106 Resp: 372425
Ion Ratio Lower Upper
106 100
91 208.1 106.0 318.0



#70
Styrene
Concen: 1.201 ug/l
RT: 12.221 min Scan# 1757
Delta R.T. -0.012 min
Lab File: VN073863.D
Acq: 12 Aug 2022 19:55

Tgt Ion:104 Resp: 20256
Ion Ratio Lower Upper
104 100
78 266.8 39.5 59.3#
103 254.6 44.0 66.0#

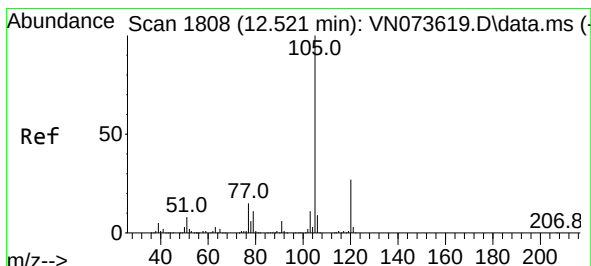
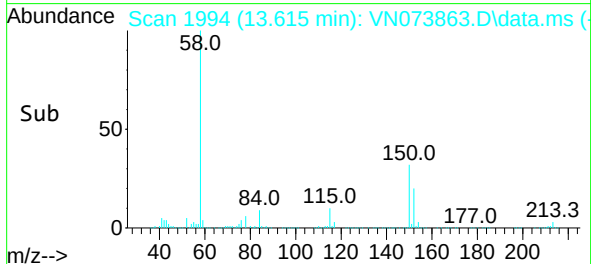
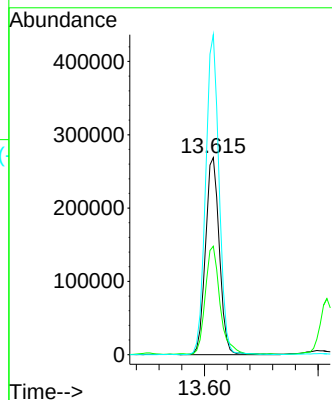
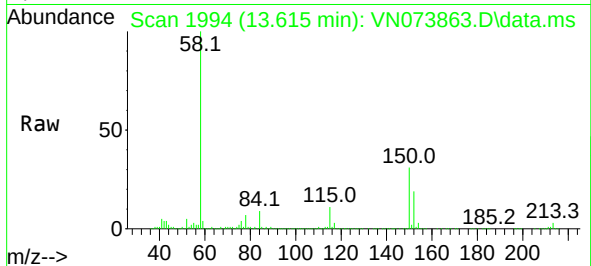




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.615 min Scan# 1994
Delta R.T. -0.000 min
Lab File: VN073863.D
Acq: 12 Aug 2022 19:55

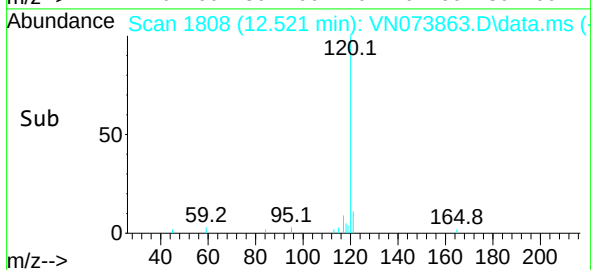
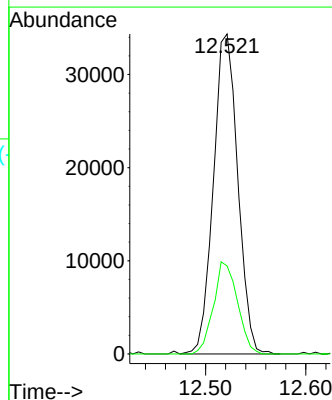
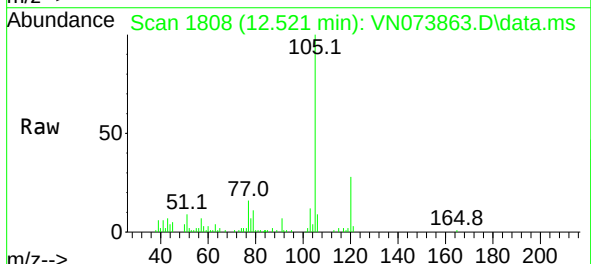
Instrument :
MSVOA_N
ClientSampleId :
31476

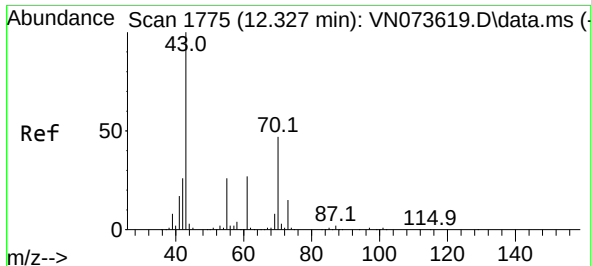
Tgt Ion:152 Resp: 455409
Ion Ratio Lower Upper
152 100
115 57.3 28.9 86.7
150 157.0 0.0 356.2



#73
Isopropylbenzene
Concen: 1.740 ug/l
RT: 12.521 min Scan# 1808
Delta R.T. -0.000 min
Lab File: VN073863.D
Acq: 12 Aug 2022 19:55

Tgt Ion:105 Resp: 58013
Ion Ratio Lower Upper
105 100
120 28.3 13.5 40.4

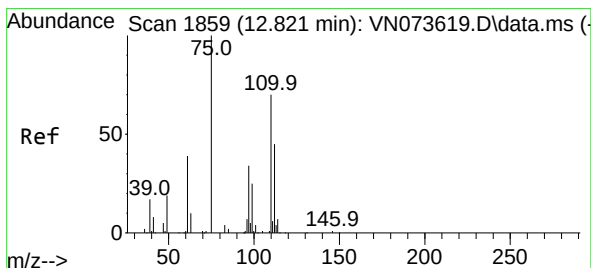
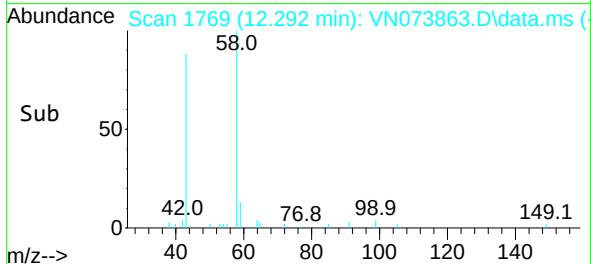
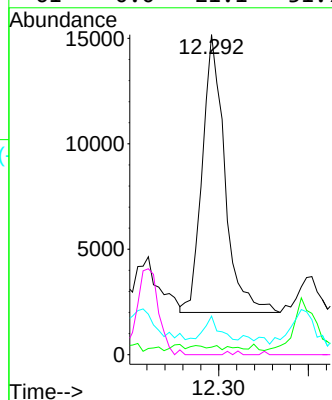
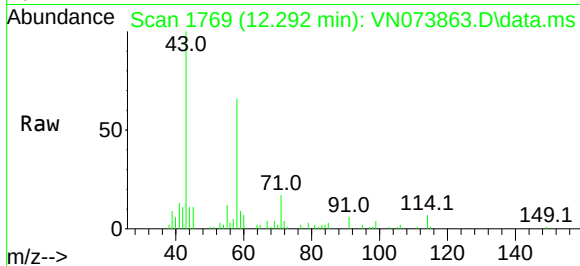




#74
N-amy1 acetate
Concen: 1.821 ug/l
RT: 12.292 min Scan# 11
Delta R.T. -0.035 min
Lab File: VN073863.D
Acq: 12 Aug 2022 19:55

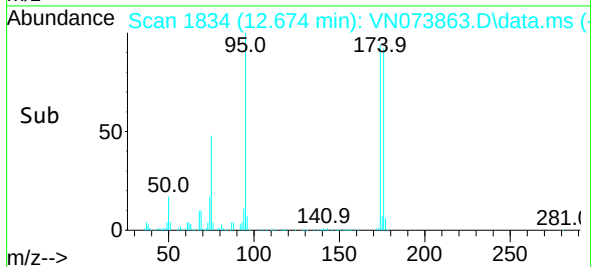
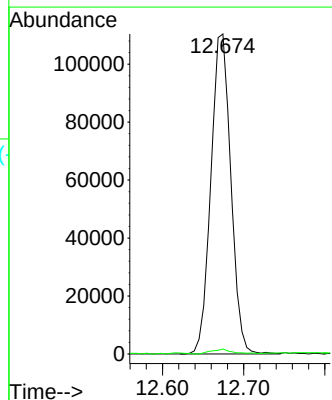
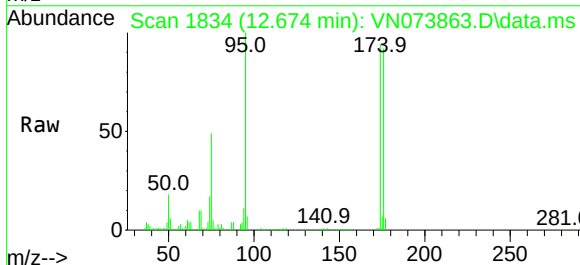
Instrument :
MSVOA_N
ClientSampleId :
31476

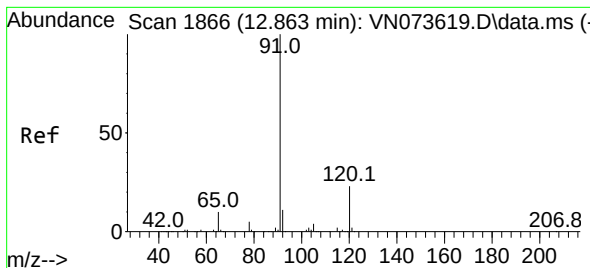
Tgt Ion: 43 Resp: 22940
Ion Ratio Lower Upper
43 100
70 0.0 39.0 58.4#
55 5.7 21.1 31.7#
61 0.0 21.1 31.7#



#76
1,2,3-Trichloropropane
Concen: 20.704 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. -0.147 min
Lab File: VN073863.D
Acq: 12 Aug 2022 19:55

Tgt Ion: 75 Resp: 188483
Ion Ratio Lower Upper
75 100
77 1.7 98.5 295.5#





#78

n-propylbenzene

Concen: 3.803 ug/l

RT: 12.863 min Scan# 1866

Delta R.T. -0.000 min

Lab File: VN073863.D

Acq: 12 Aug 2022 19:55

Instrument :

MSVOA_N

ClientSampleId :

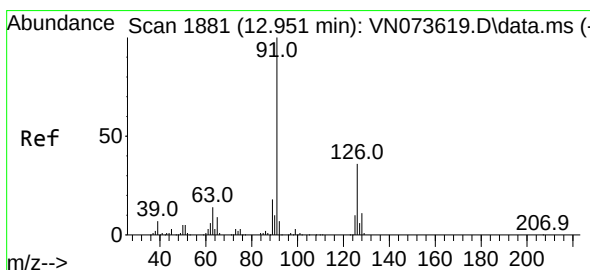
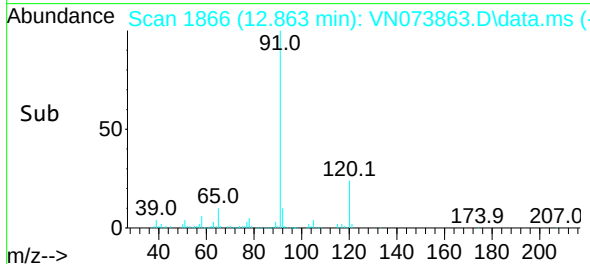
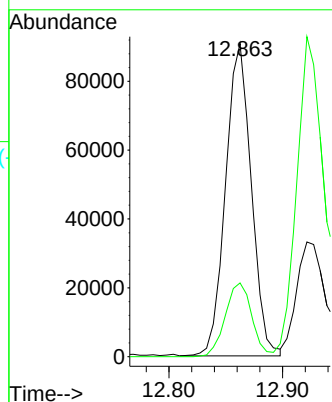
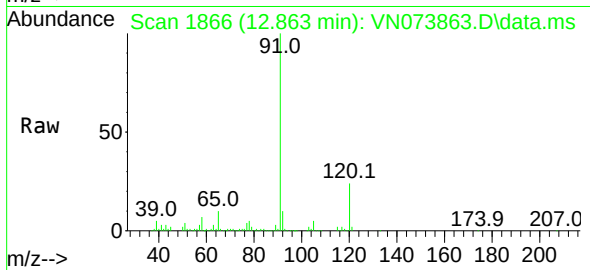
31476

Tgt Ion: 91 Resp: 142657

Ion Ratio Lower Upper

91 100

120 24.5 11.9 35.5



#79

2-Chlorotoluene

Concen: 2.175 ug/l

RT: 12.921 min Scan# 1876

Delta R.T. -0.029 min

Lab File: VN073863.D

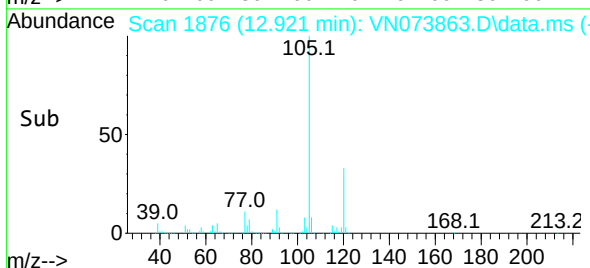
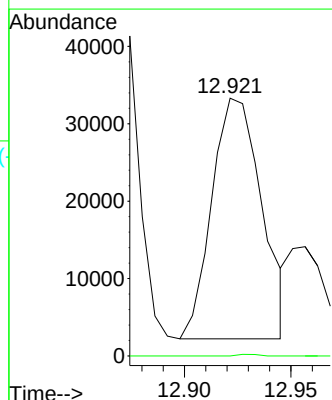
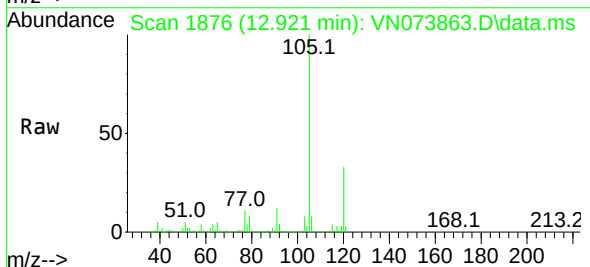
Acq: 12 Aug 2022 19:55

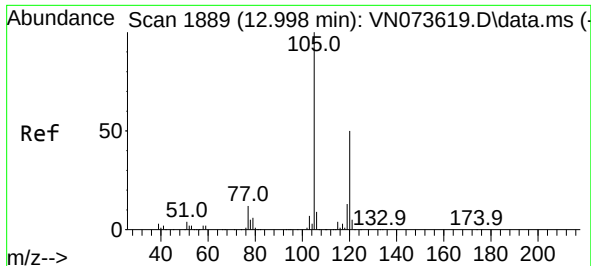
Tgt Ion: 91 Resp: 50919

Ion Ratio Lower Upper

91 100

126 0.3 17.3 51.9#

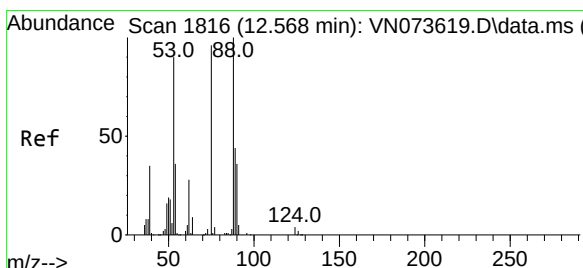
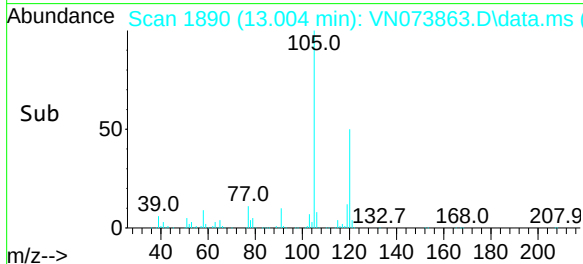
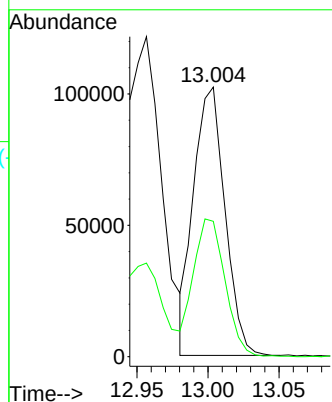
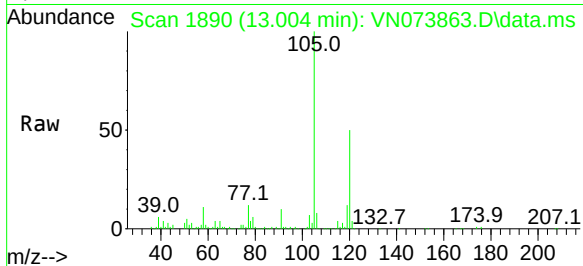




#80
1,3,5-Trimethylbenzene
Concen: 5.697 ug/l
RT: 13.004 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN073863.D
Acq: 12 Aug 2022 19:55

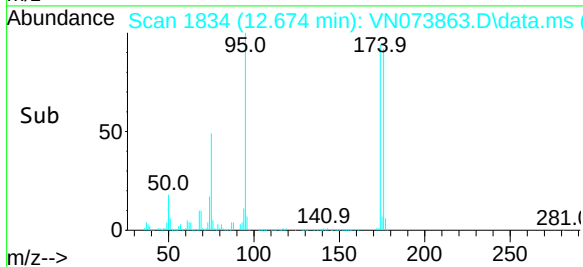
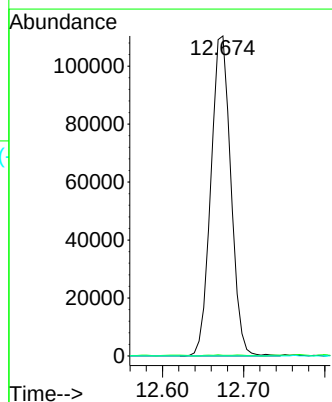
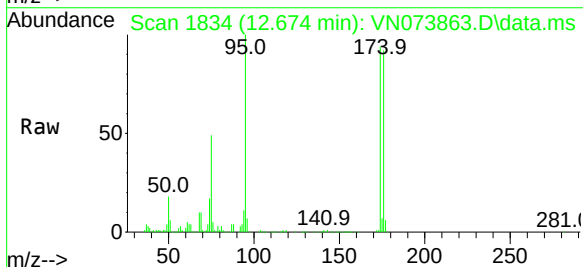
Instrument :
MSVOA_N
ClientSampleId :
31476

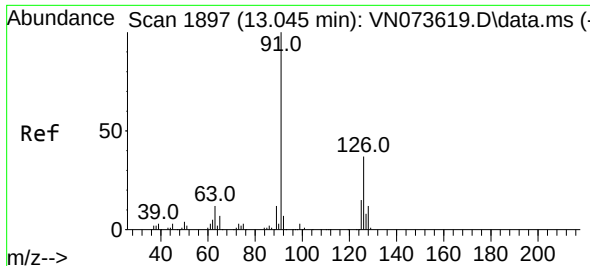
Tgt Ion:105 Resp: 156289
Ion Ratio Lower Upper
105 100
120 52.2 24.9 74.7



#81
trans-1,4-Dichloro-2-butene
Concen: 53.636 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.106 min
Lab File: VN073863.D
Acq: 12 Aug 2022 19:55

Tgt Ion: 75 Resp: 188483
Ion Ratio Lower Upper
75 100
53 0.3 78.0 117.0#
89 0.0 37.2 55.8#

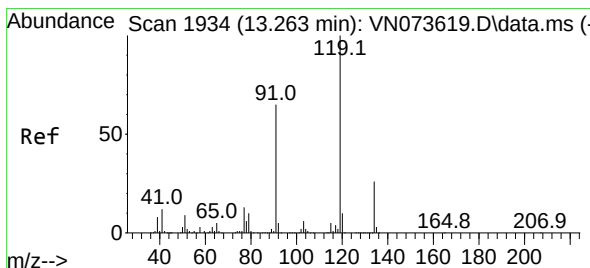
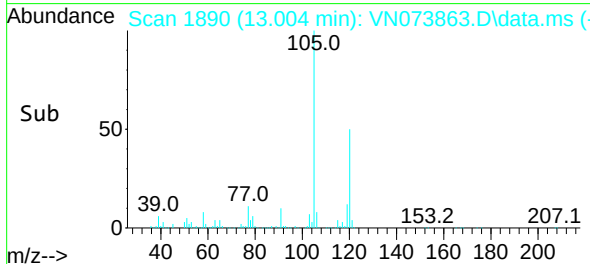
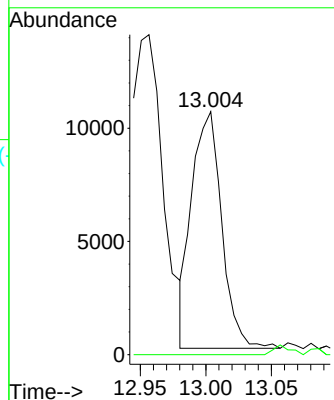
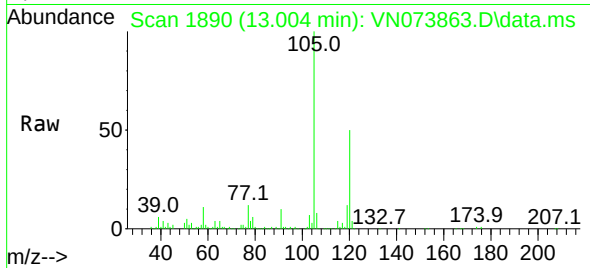




#82
4-Chlorotoluene
Concen: 0.749 ug/l
RT: 13.004 min Scan# 11
Delta R.T. -0.041 min
Lab File: VN073863.D
Acq: 12 Aug 2022 19:55

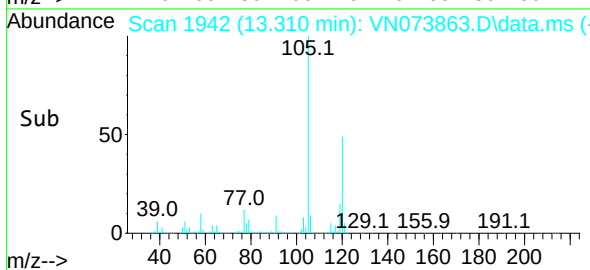
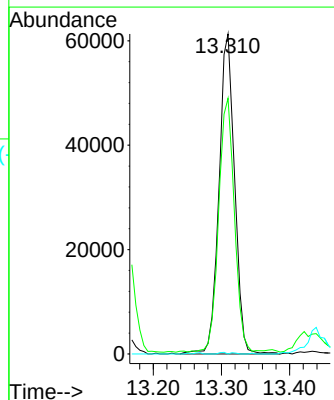
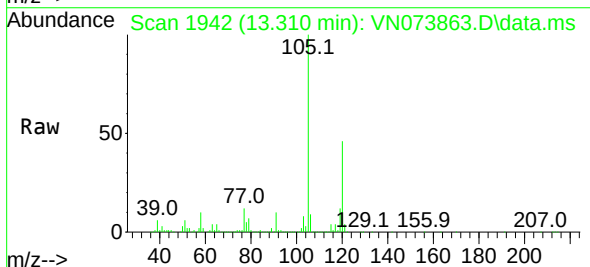
Instrument :
MSVOA_N
ClientSampleId :
31476

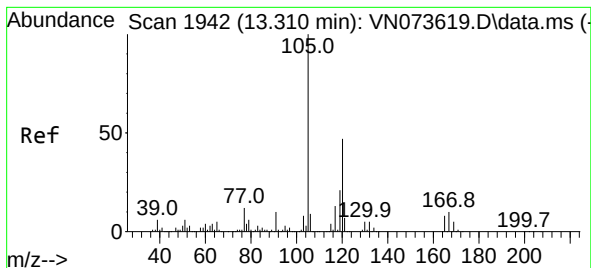
Tgt Ion: 91 Resp: 16615
Ion Ratio Lower Upper
91 100
126 0.0 17.2 51.6#



#83
tert-Butylbenzene
Concen: 4.017 ug/l
RT: 13.310 min Scan# 1942
Delta R.T. 0.047 min
Lab File: VN073863.D
Acq: 12 Aug 2022 19:55

Tgt Ion: 119 Resp: 97623
Ion Ratio Lower Upper
119 100
91 80.0 31.6 94.8
134 0.0 13.7 41.1#





#84

1,2,4-Trimethylbenzene

Concen: 28.406 ug/l

RT: 13.310 min Scan# 1942

Delta R.T. -0.000 min

Lab File: VN073863.D

Acq: 12 Aug 2022 19:55

Instrument :

MSVOA_N

ClientSampleId :

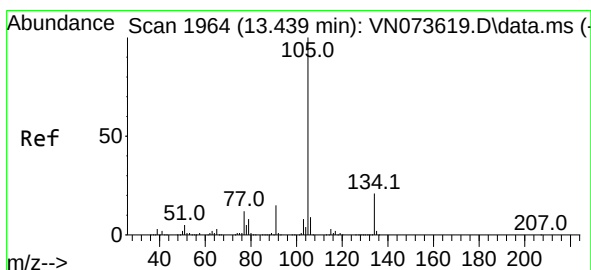
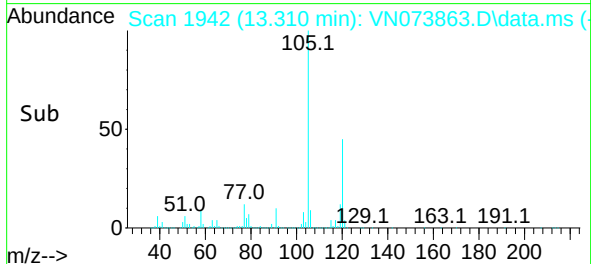
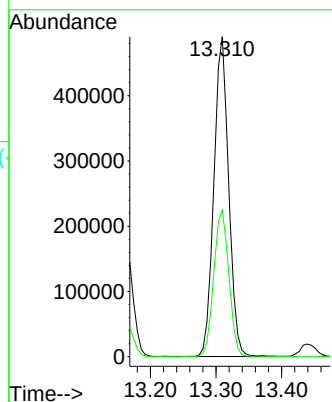
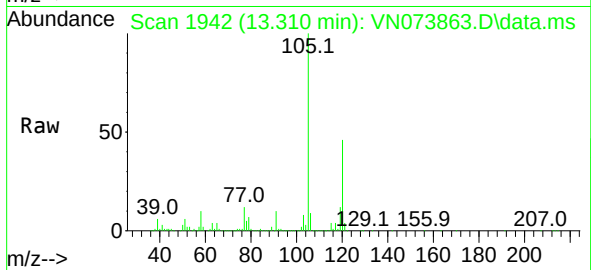
31476

Tgt Ion:105 Resp: 766280

Ion Ratio Lower Upper

105 100

120 46.8 23.3 69.8



#85

sec-Butylbenzene

Concen: 0.921 ug/l

RT: 13.439 min Scan# 1964

Delta R.T. -0.000 min

Lab File: VN073863.D

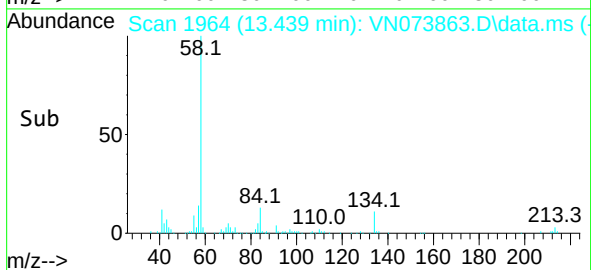
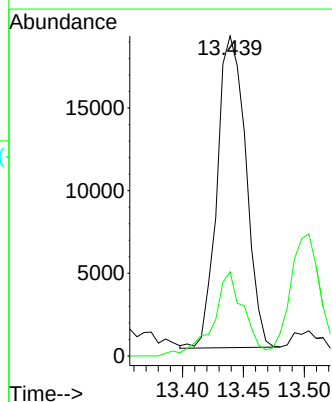
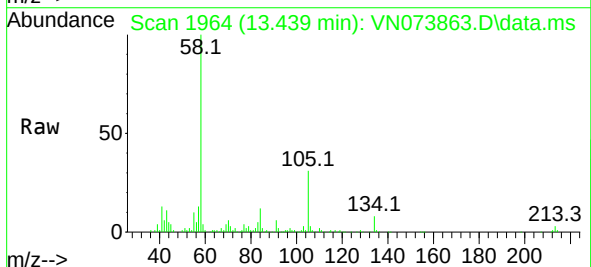
Acq: 12 Aug 2022 19:55

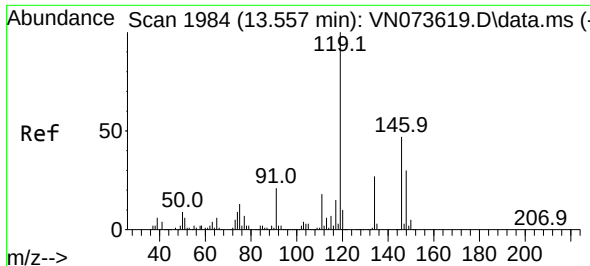
Tgt Ion:105 Resp: 30929

Ion Ratio Lower Upper

105 100

134 28.6 10.4 31.1

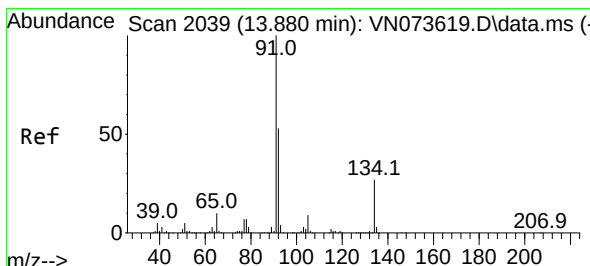
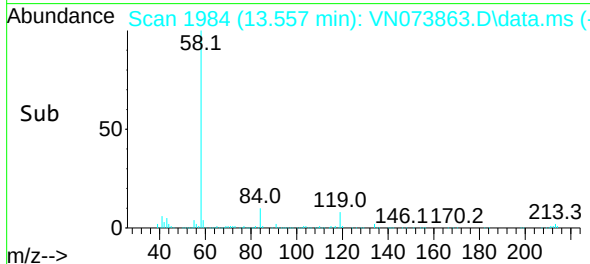
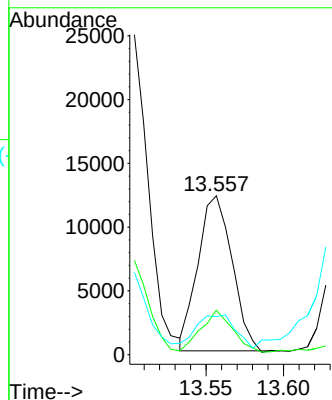
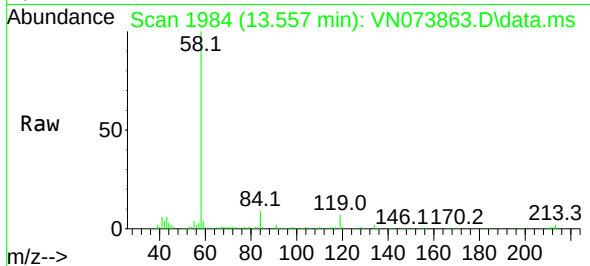




#86
p-Isopropyltoluene
Concen: 0.702 ug/l
RT: 13.557 min Scan# 1984
Delta R.T. -0.000 min
Lab File: VN073863.D
Acq: 12 Aug 2022 19:55

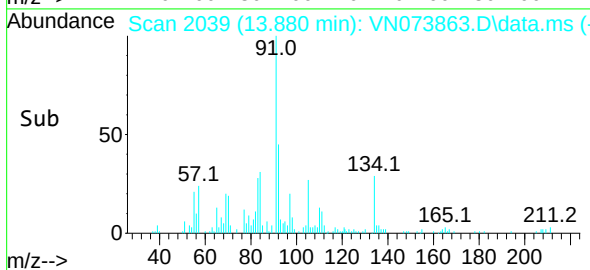
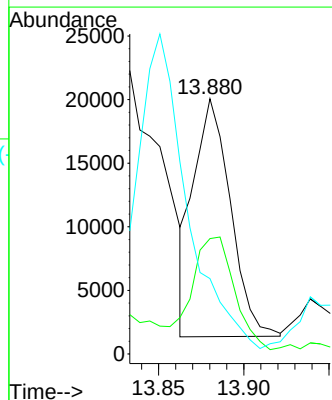
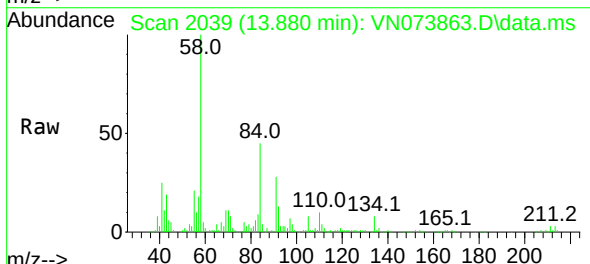
Instrument :
MSVOA_N
ClientSampleId :
31476

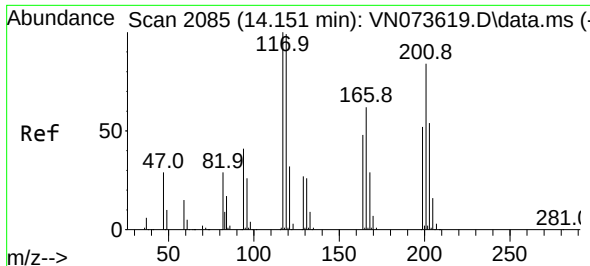
Tgt Ion:119 Resp: 18593
Ion Ratio Lower Upper
119 100
134 25.1 13.3 39.8
91 24.5 11.3 33.9



#89
n-Butylbenzene
Concen: 1.307 ug/l
RT: 13.880 min Scan# 2039
Delta R.T. -0.000 min
Lab File: VN073863.D
Acq: 12 Aug 2022 19:55

Tgt Ion: 91 Resp: 28161
Ion Ratio Lower Upper
91 100
92 54.6 26.9 80.7
134 0.0 13.6 40.8#

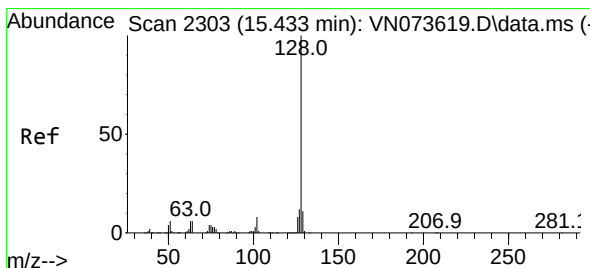
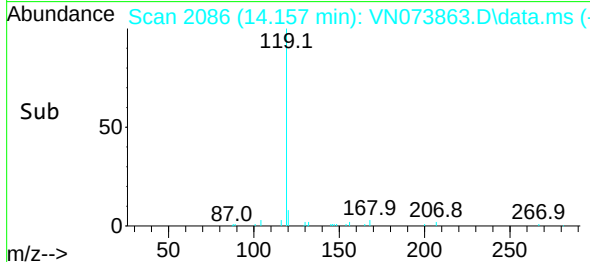
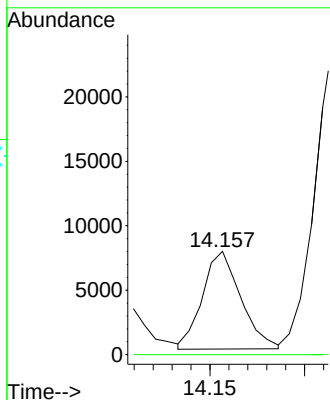
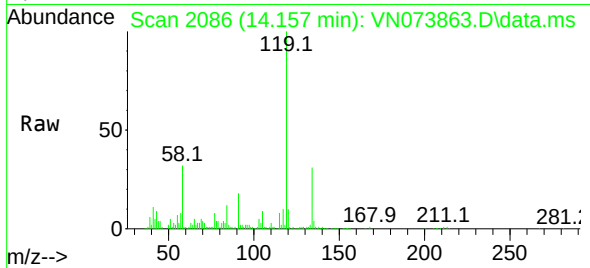




#90
Hexachloroethane
Concen: 2.032 ug/l
RT: 14.157 min Scan# 2086
Delta R.T. 0.006 min
Lab File: VN073863.D
Acq: 12 Aug 2022 19:55

Instrument :
MSVOA_N
ClientSampleId :
31476

Tgt Ion:117 Resp: 10673
Ion Ratio Lower Upper
117 100
201 0.0 40.6 122.0#



#95
Naphthalene
Concen: 12.126 ug/l
RT: 15.433 min Scan# 2303
Delta R.T. -0.000 min
Lab File: VN073863.D
Acq: 12 Aug 2022 19:55

Tgt Ion:128 Resp: 313776
Ion Ratio Lower Upper
128 100
127 13.4 10.3 15.5
129 11.0 8.6 13.0

