

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111523\
 Data File : VN080114.D
 Acq On : 15 Nov 2023 16:41
 Operator : JC\MD
 Sample : 05417-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 15 21:55:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 02 05:49:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	191061	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	361958	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	372400	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	186655	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	161722	55.558	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 111.120%	
35) Dibromofluoromethane	8.171	113	122454	47.800	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 95.600%	
50) Toluene-d8	10.571	98	457346	48.495	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 96.980%	
62) 4-Bromofluorobenzene	12.847	95	186616	59.665	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 119.320%	

Target Compounds				Qvalue		
3) Chloromethane	2.359	50	778	Below Cal	#	42
11) Tert butyl alcohol	5.518	59	1077	2.898	ug/l #	72
13) Acrolein	4.183	56	685	4.503	ug/l #	81
16) Acetone	4.430	43	54916	53.709	ug/l	99
17) Carbon Disulfide	4.712	76	1365	0.230	ug/l #	75
18) Methyl Acetate	5.041	43	5057	1.034	ug/l #	77
20) Methylene Chloride	5.271	84	8867	3.437	ug/l #	88
25) 2-Butanone	7.494	43	8895	5.941	ug/l	97
29) Tetrahydrofuran	7.847	42	278	0.285	ug/l #	34
31) Cyclohexane	8.241	56	11802	3.068	ug/l #	76
36) 1,1-Dichloropropene	8.224	75	16621	4.544	ug/l #	49
37) Ethyl Acetate	7.565	43	4106	1.224	ug/l #	75
38) Carbon Tetrachloride	8.235	117	22565	6.121	ug/l #	15
39) Methylcyclohexane	9.600	83	6501	1.889	ug/l	92
40) Benzene	8.612	78	5098550	465.379	ug/l	100
42) 1,2-Dichloroethane	8.606	62	50749	13.261	ug/l #	73
43) Isopropyl Acetate	8.688	43	194948	33.137	ug/l #	76
48) Methyl methacrylate	9.659	41	4643	1.802	ug/l #	25
49) 1,4-Dioxane	9.753	88	134	2.943	ug/l #	1
51) 4-Methyl-2-Pentanone	10.447	43	72512	21.893	ug/l	94
52) Toluene	10.635	92	2580666	397.332	ug/l	100
53) t-1,3-Dichloropropene	10.629	75	37013	9.260	ug/l #	1
54) cis-1,3-Dichloropropene	10.359	75	49528	11.369	ug/l #	66
55) 1,1,2-Trichloroethane	10.882	97	19455	7.447	ug/l #	18
56) Ethyl methacrylate	10.876	69	1617	0.434	ug/l #	32
57) 1,3-Dichloropropane	11.206	76	5844	1.269	ug/l #	42
59) 2-Hexanone	11.176	43	93854	37.042	ug/l #	19
67) Ethyl Benzene	11.965	91	276607	19.654	ug/l	96
68) m/p-Xylenes	12.070	106	529950	101.081	ug/l	87
69) o-Xylene	12.400	106	301240	59.668	ug/l	87
70) Styrene	12.412	104	97134	11.972	ug/l #	44
73) Isopropylbenzene	12.694	105	12708	0.897	ug/l	98
74) N-amyl acetate	12.459	43	14512	2.347	ug/l #	41
76) 1,2,3-Trichloropropane	12.853	75	106237	24.243	ug/l #	1
78) n-propylbenzene	13.035	91	22880	1.410	ug/l	98
79) 2-Chlorotoluene	13.341	91	8371	0.808	ug/l	91

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 ALS Vial : 14 Sample Multiplier: 1

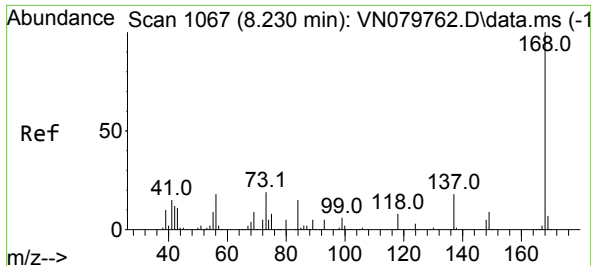
Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 15 21:55:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 02 05:49:08 2023
 Response via : Initial Calibration

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

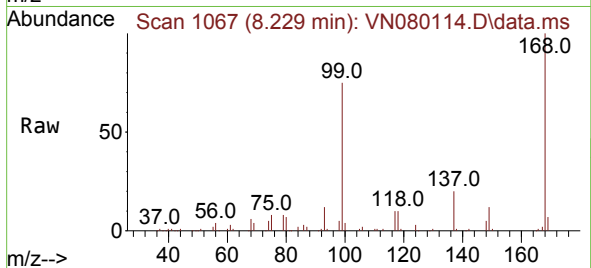
80) 1,3,5-Trimethylbenzene	13.176	105	87829	7.969	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.853	75	106237	65.960	ug/l #	15
82) 4-Chlorotoluene	13.341	91	8371	0.813	ug/l	89
83) tert-Butylbenzene	13.670	119	5882	0.652	ug/l	72
84) 1,2,4-Trimethylbenzene	13.488	105	268096	24.724	ug/l	90
85) sec-Butylbenzene	13.488	105	268096	21.449	ug/l #	57
86) p-Isopropyltoluene	13.729	119	6225	0.611	ug/l	91
90) Hexachloroethane	14.335	117	2152	1.066	ug/l #	21
92) 1,2-Dibromo-3-Chloropr...	14.688	75	289	0.339	ug/l #	26
95) Naphthalene	15.641	128	3813004	388.247	ug/l	99

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

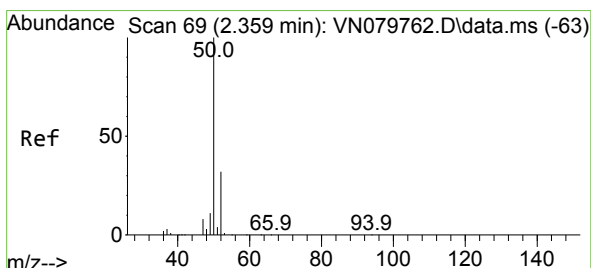
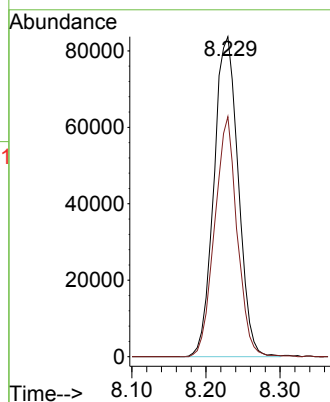
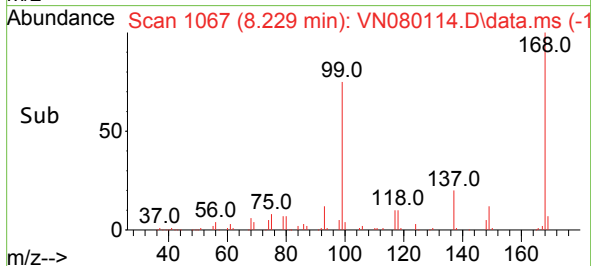


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VN080114.D
Acq: 15 Nov 2023 16:41

Instrument :
MSVOA_N
ClientSampleId :

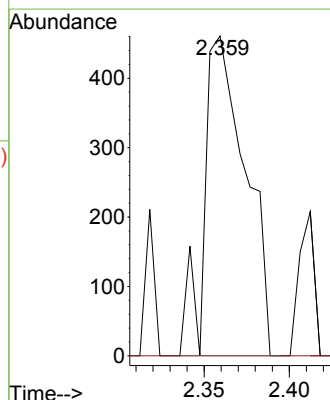
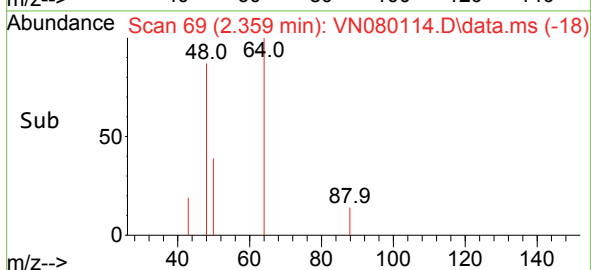
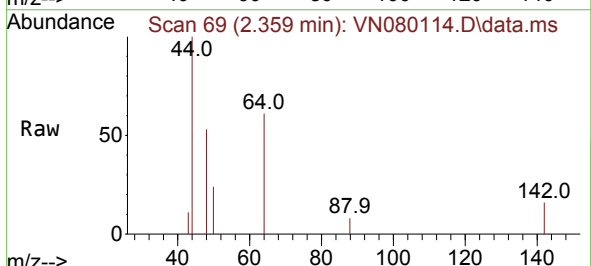


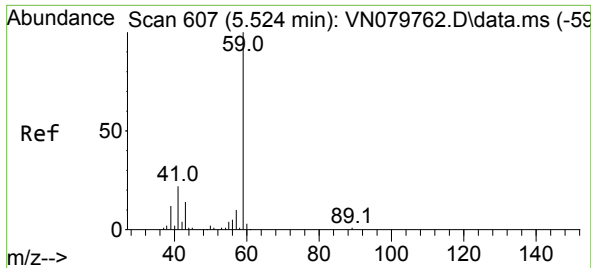
Tgt Ion:168 Resp: 191061
Ion Ratio Lower Upper
168 100
99 75.0 53.0 79.6



#3
Chloromethane
Concen: Below Cal
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN080114.D
Acq: 15 Nov 2023 16:41

Tgt Ion: 50 Resp: 778
Ion Ratio Lower Upper
50 100
52 0.0 26.5 39.7#

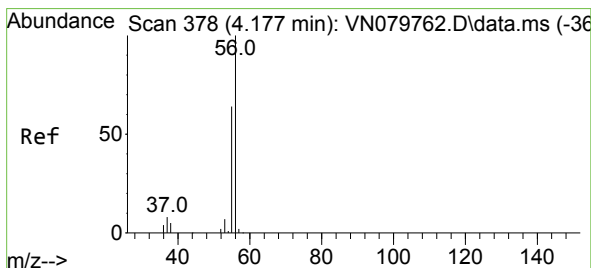
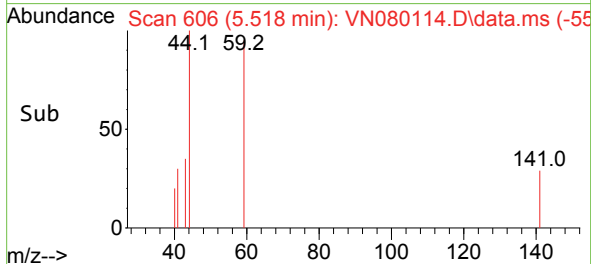
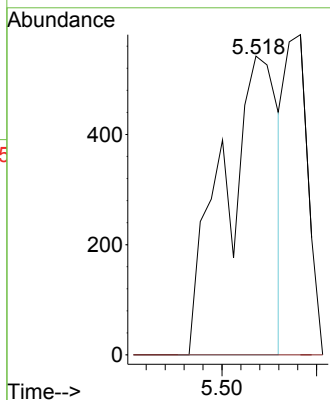
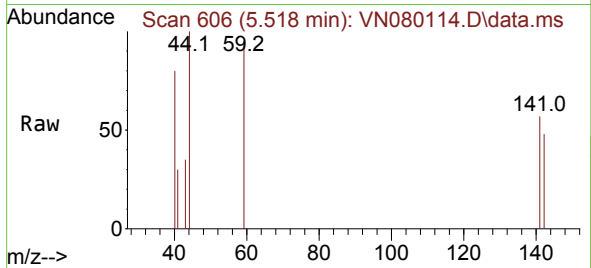




#11
Tert butyl alcohol
Concen: 2.898 ug/l
RT: 5.518 min Scan# 607
Delta R.T. 0.000 min
Lab File: VN080114.D
Acq: 15 Nov 2023 16:41

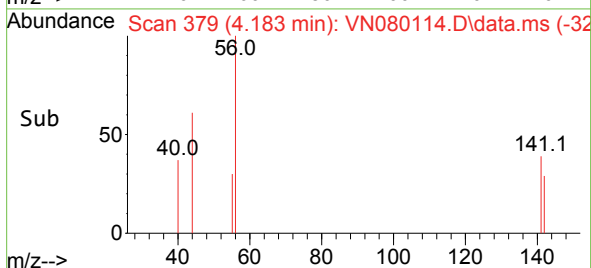
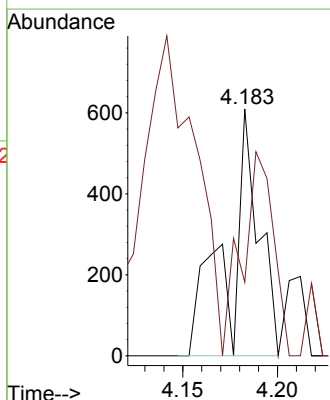
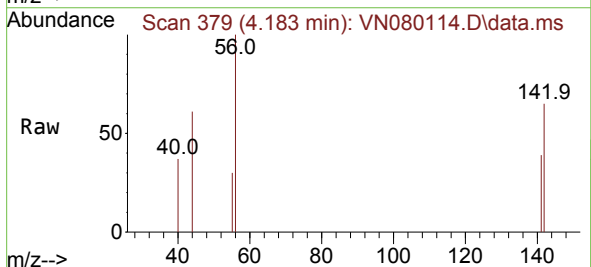
Instrument :
MSVOA_N
ClientSampleId :

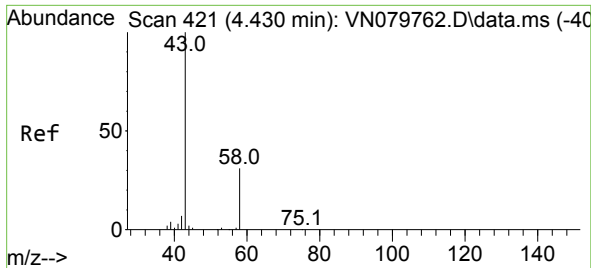
Tgt Ion: 59 Resp: 1077
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



#13
Acrolein
Concen: 4.503 ug/l
RT: 4.183 min Scan# 379
Delta R.T. -0.000 min
Lab File: VN080114.D
Acq: 15 Nov 2023 16:41

Tgt Ion: 56 Resp: 685
Ion Ratio Lower Upper
56 100
55 83.6 54.5 81.7#

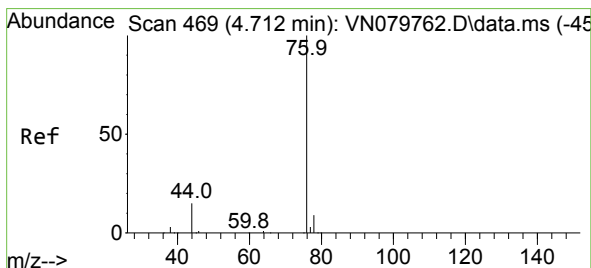
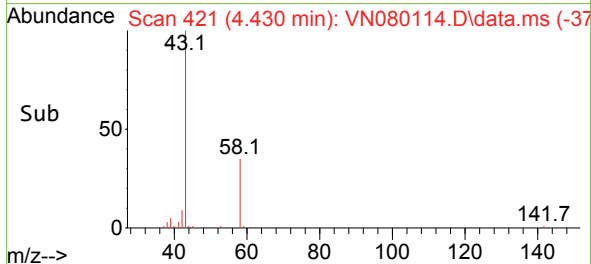
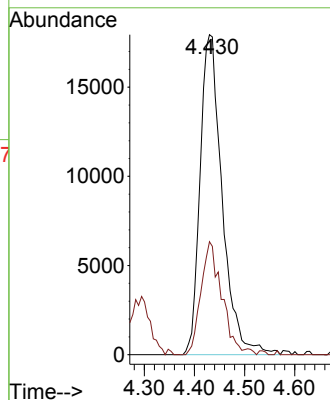
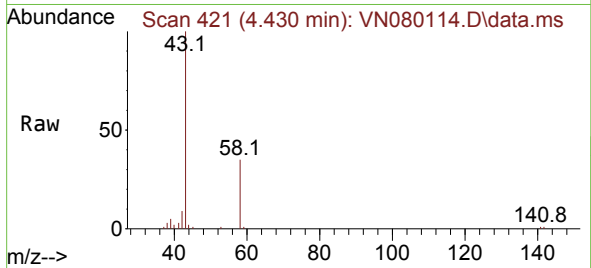




#16
Acetone
Concen: 53.709 ug/l
RT: 4.430 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN080114.D
Acq: 15 Nov 2023 16:41

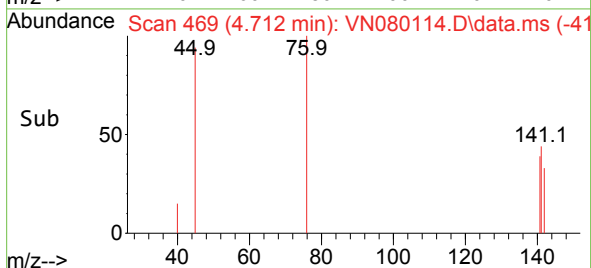
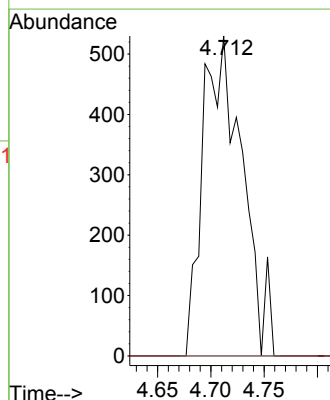
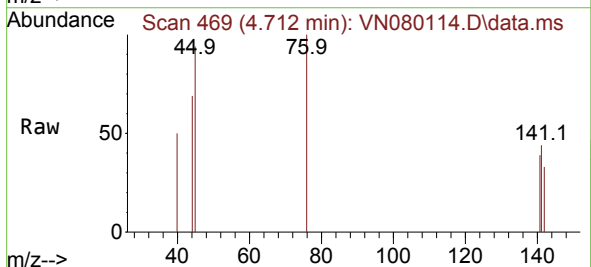
Instrument :
MSVOA_N
ClientSampleId :

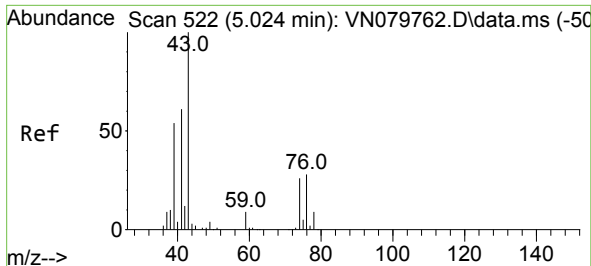
Tgt Ion: 43 Resp: 54916
Ion Ratio Lower Upper
43 100
58 35.3 28.0 42.0



#17
Carbon Disulfide
Concen: 0.230 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN080114.D
Acq: 15 Nov 2023 16:41

Tgt Ion: 76 Resp: 1365
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#





#18

Methyl Acetate

Concen: 1.034 ug/l

RT: 5.041 min Scan# 51

Delta R.T. 0.018 min

Lab File: VN080114.D

Acq: 15 Nov 2023 16:41

Instrument :

MSVOA_N

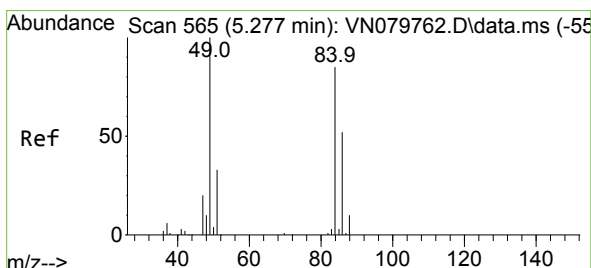
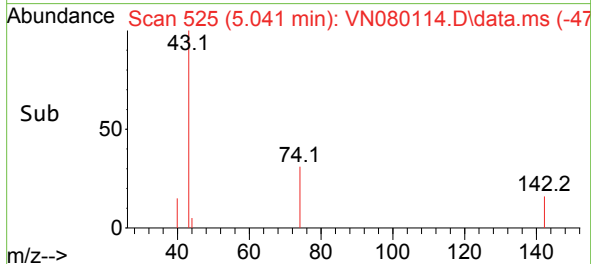
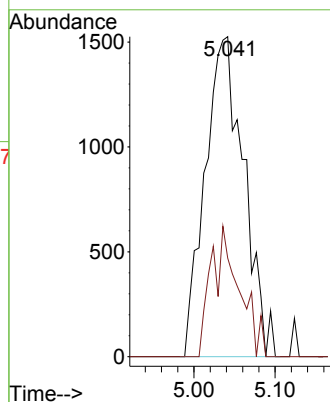
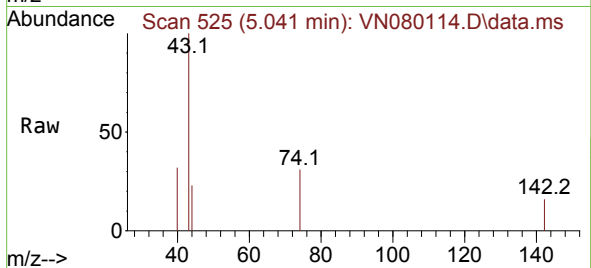
ClientSampleId :

Tgt Ion: 43 Resp: 5057

Ion Ratio Lower Upper

43 100

74 19.8 26.2 39.4#



#20

Methylene Chloride

Concen: 3.437 ug/l

RT: 5.271 min Scan# 564

Delta R.T. 0.000 min

Lab File: VN080114.D

Acq: 15 Nov 2023 16:41

Tgt Ion: 84 Resp: 8867

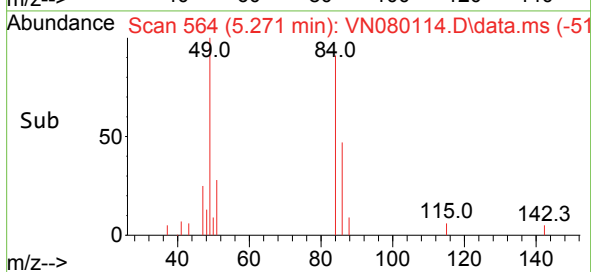
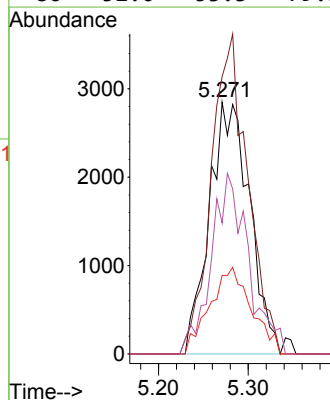
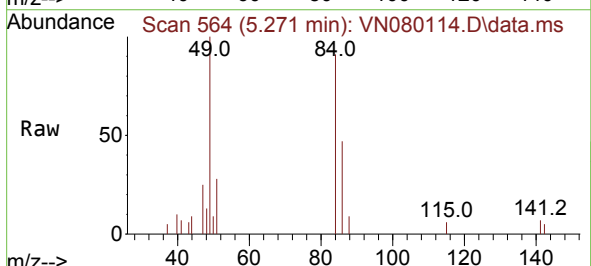
Ion Ratio Lower Upper

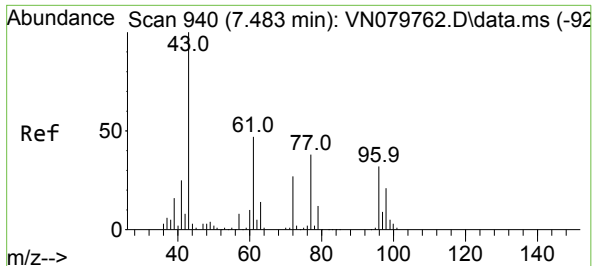
84 100

49 110.1 79.7 119.5

51 31.2 25.2 37.8

86 52.0 53.3 79.9#





#25

2-Butanone

Concen: 5.941 ug/l

RT: 7.494 min Scan# 940

Delta R.T. 0.006 min

Lab File: VN080114.D

Acq: 15 Nov 2023 16:41

Instrument :

MSVOA_N

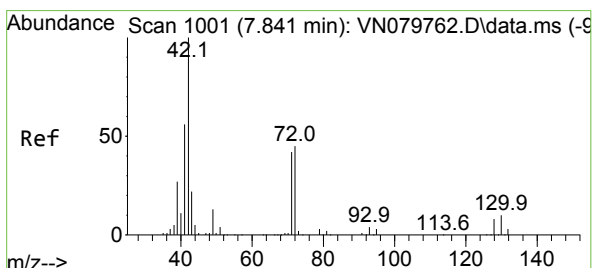
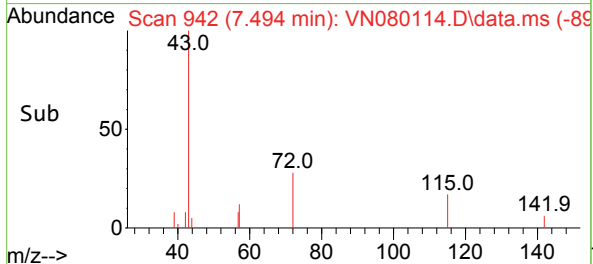
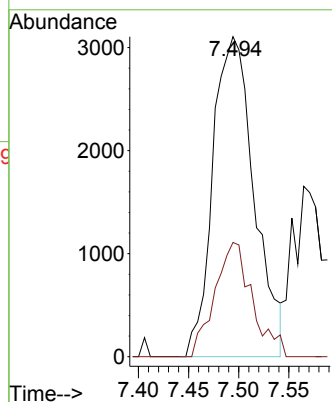
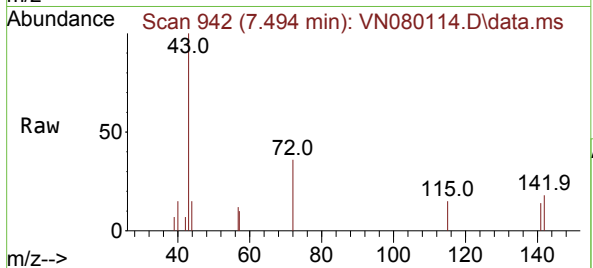
ClientSampleId :

Tgt Ion: 43 Resp: 8895

Ion Ratio Lower Upper

43 100

72 35.7 30.2 45.2



#29

Tetrahydrofuran

Concen: 0.285 ug/l

RT: 7.847 min Scan# 1002

Delta R.T. 0.006 min

Lab File: VN080114.D

Acq: 15 Nov 2023 16:41

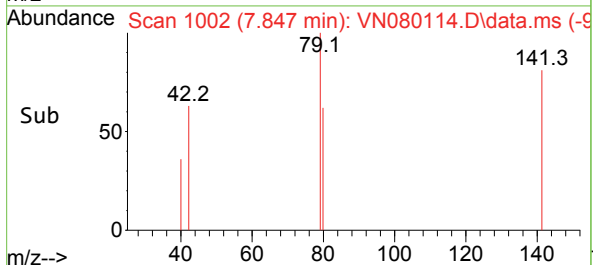
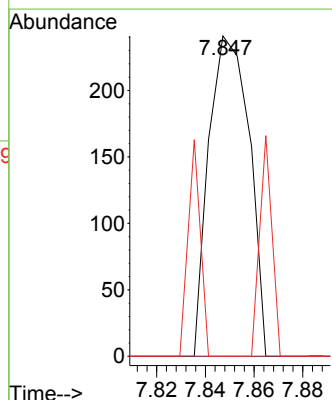
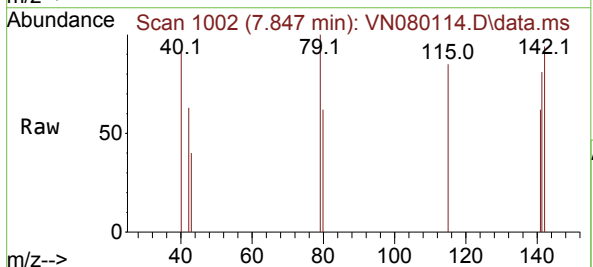
Tgt Ion: 42 Resp: 278

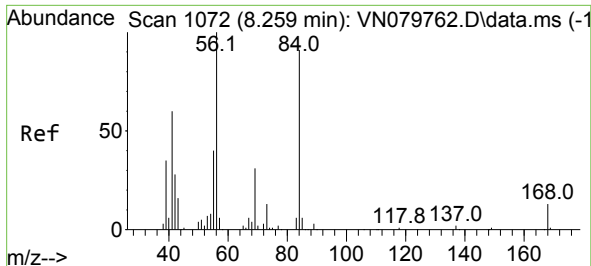
Ion Ratio Lower Upper

42 100

72 0.0 49.8 74.6#

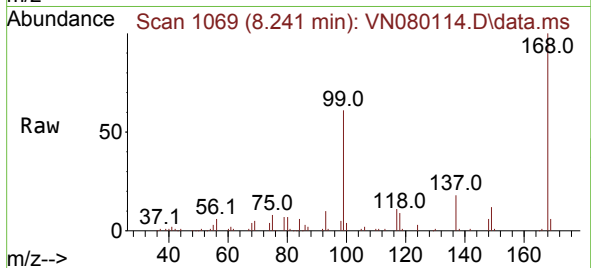
71 20.9 47.4 71.2#



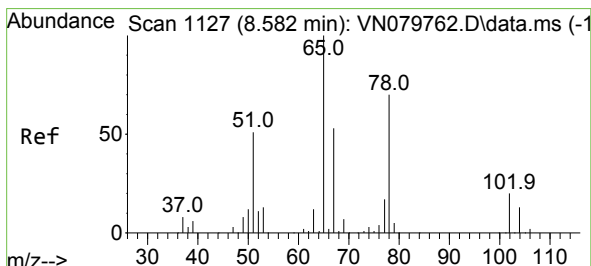
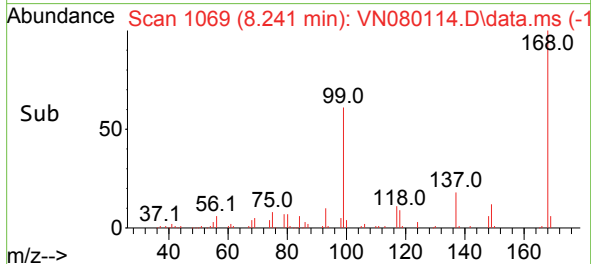
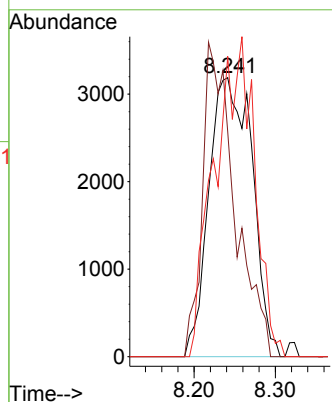


#31
Cyclohexane
Concen: 3.068 ug/l
RT: 8.241 min Scan# 1069
Delta R.T. -0.018 min
Lab File: VN080114.D
Acq: 15 Nov 2023 16:41

Instrument :
MSVOA_N
ClientSampleId :

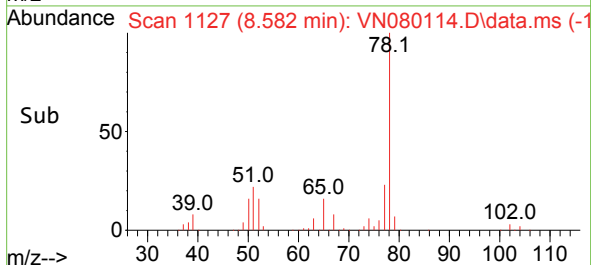
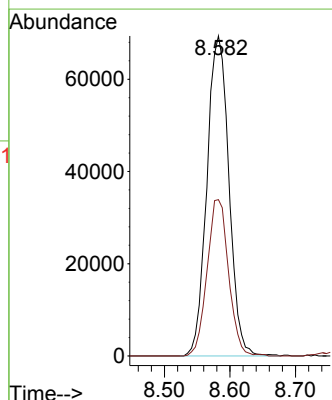
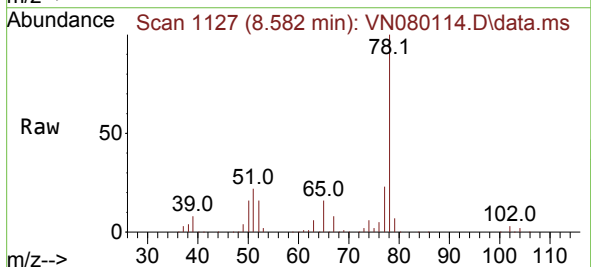


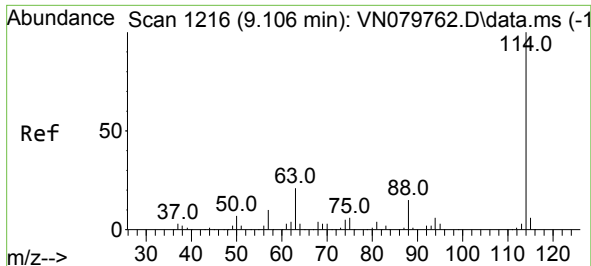
Tgt Ion: 56 Resp: 11802
Ion Ratio Lower Upper
56 100
69 80.6 26.8 40.2#
84 107.6 81.8 122.6



#33
1,2-Dichloroethane-d4
Concen: 55.558 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN080114.D
Acq: 15 Nov 2023 16:41

Tgt Ion: 65 Resp: 161722
Ion Ratio Lower Upper
65 100
67 47.9 0.0 106.6

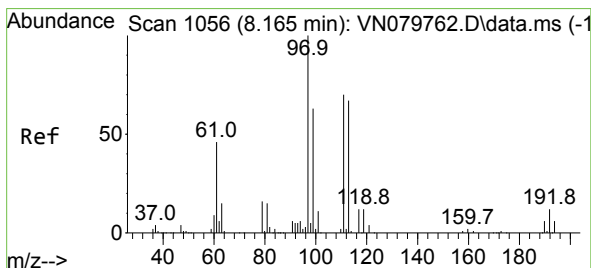
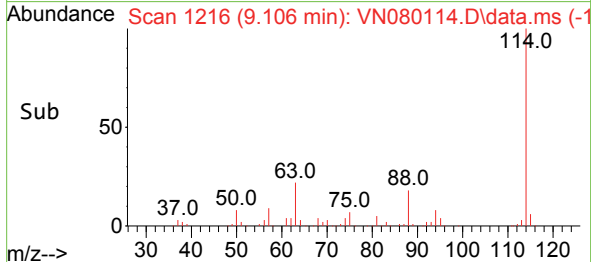
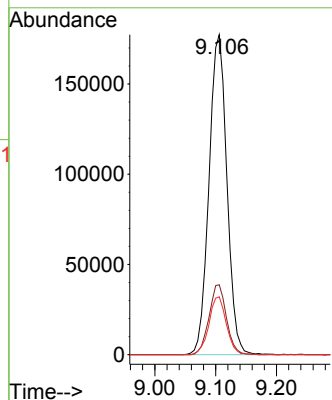
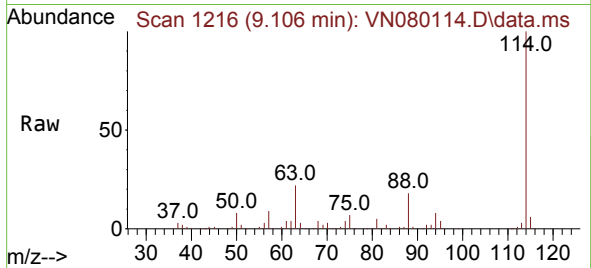




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080114.D
Acq: 15 Nov 2023 16:41

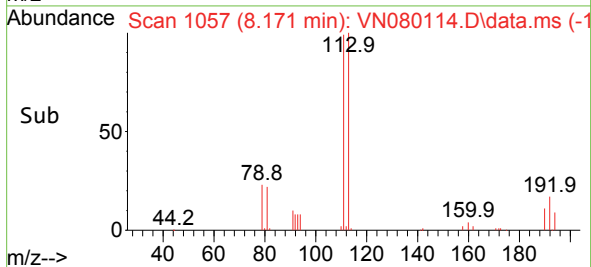
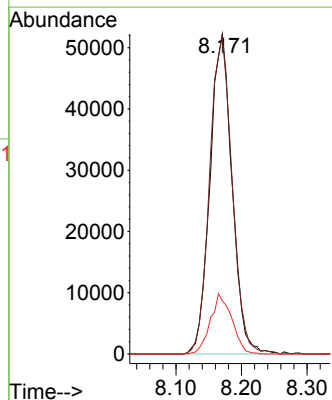
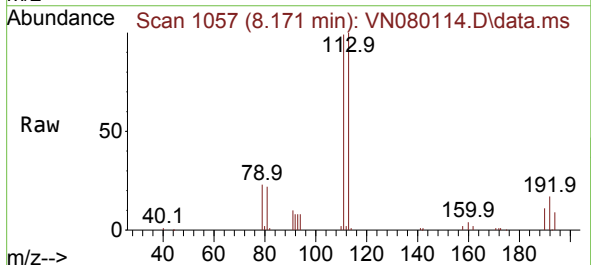
Instrument :
MSVOA_N
ClientSampleId :

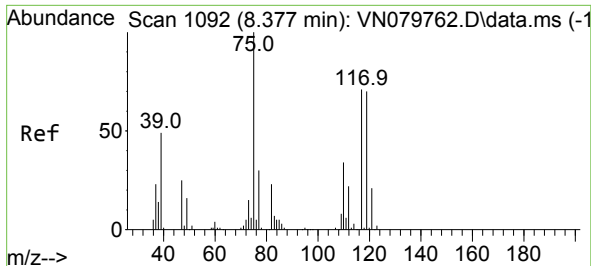
Tgt Ion:114 Resp: 361958
Ion Ratio Lower Upper
114 100
63 21.8 0.0 36.4
88 18.1 0.0 30.6



#35
Dibromofluoromethane
Concen: 47.800 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN080114.D
Acq: 15 Nov 2023 16:41

Tgt Ion:113 Resp: 122454
Ion Ratio Lower Upper
113 100
111 100.9 82.6 123.8
192 18.2 12.7 19.1





#36

1,1-Dichloropropene

Concen: 4.544 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.153 min

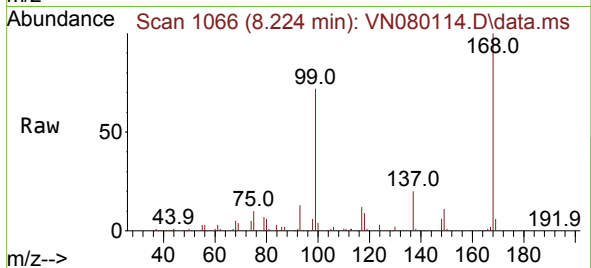
Lab File: VN080114.D

Acq: 15 Nov 2023 16:41

Instrument :

MSVOA_N

ClientSampleId :



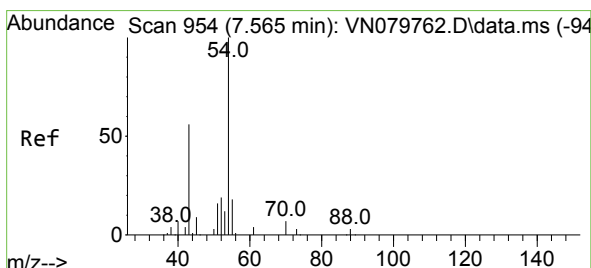
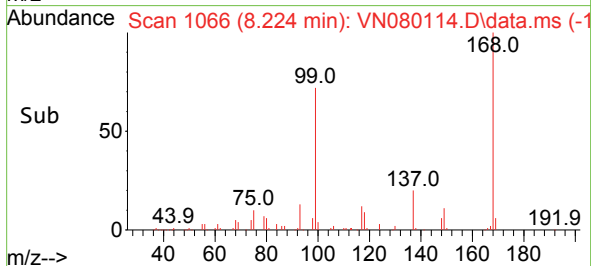
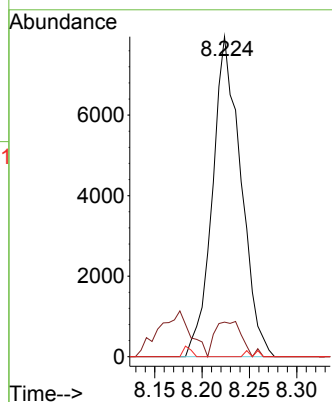
Tgt Ion: 75 Resp: 16621

Ion Ratio Lower Upper

75 100

110 10.5 19.1 57.3#

77 0.0 25.0 37.4#



#37

Ethyl Acetate

Concen: 1.224 ug/l

RT: 7.565 min Scan# 954

Delta R.T. 0.000 min

Lab File: VN080114.D

Acq: 15 Nov 2023 16:41

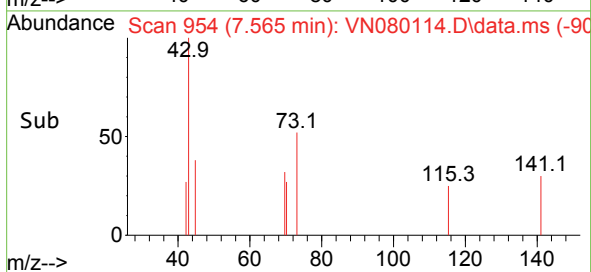
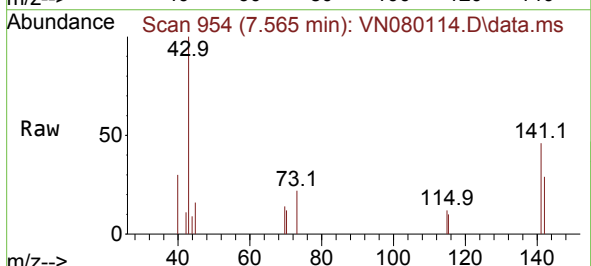
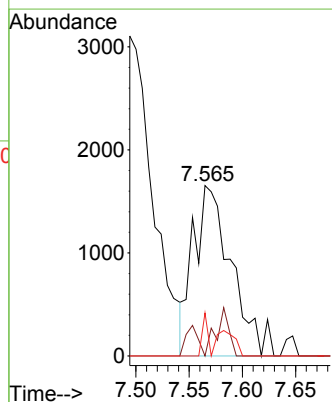
Tgt Ion: 43 Resp: 4106

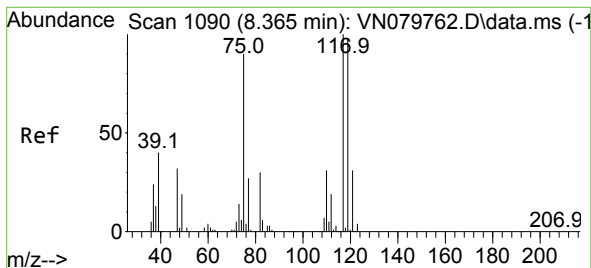
Ion Ratio Lower Upper

43 100

61 5.7 13.2 19.8#

70 3.6 11.3 16.9#





#38

Carbon Tetrachloride

Concen: 6.121 ug/l

RT: 8.235 min Scan# 1068

Delta R.T. -0.123 min

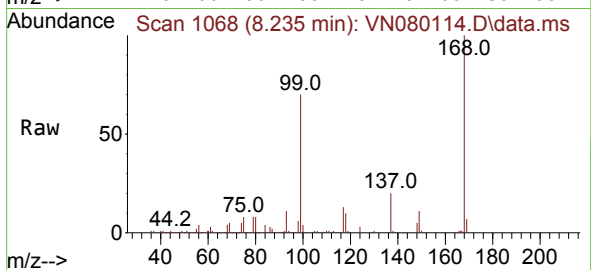
Lab File: VN080114.D

Acq: 15 Nov 2023 16:41

Instrument :

MSVOA_N

ClientSampleId :



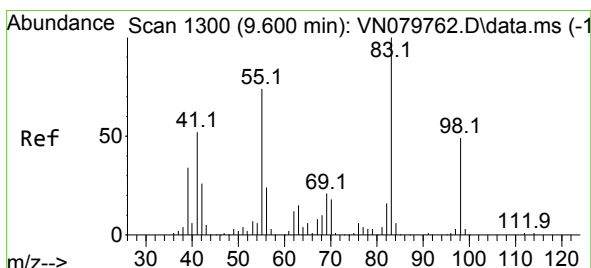
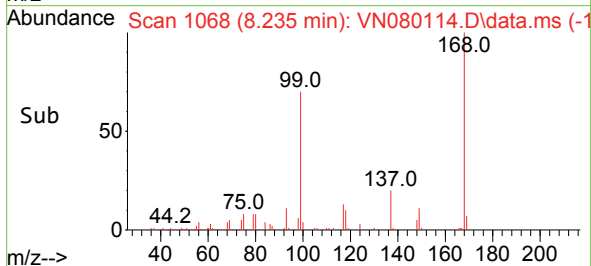
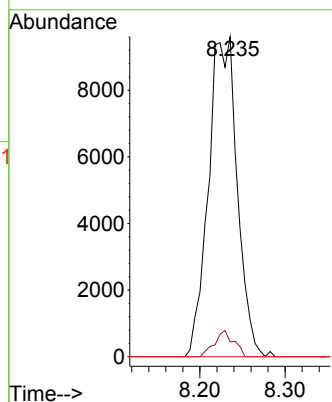
Tgt Ion:117 Resp: 22565

Ion Ratio Lower Upper

117 100

119 4.6 77.3 115.9#

121 0.0 23.3 34.9#



#39

Methylcyclohexane

Concen: 1.889 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. -0.006 min

Lab File: VN080114.D

Acq: 15 Nov 2023 16:41

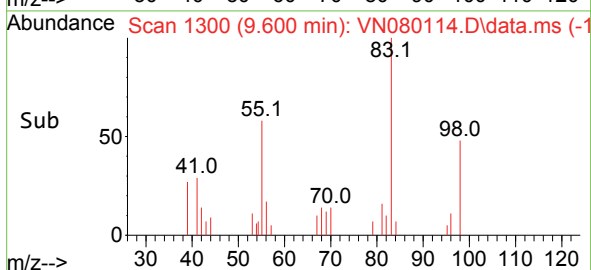
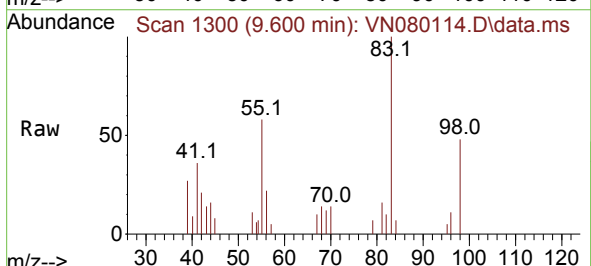
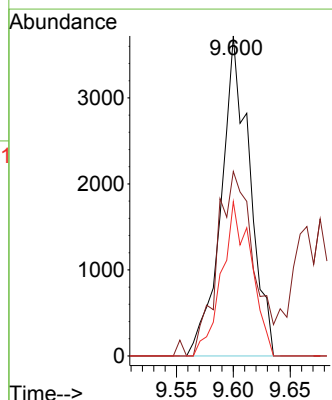
Tgt Ion: 83 Resp: 6501

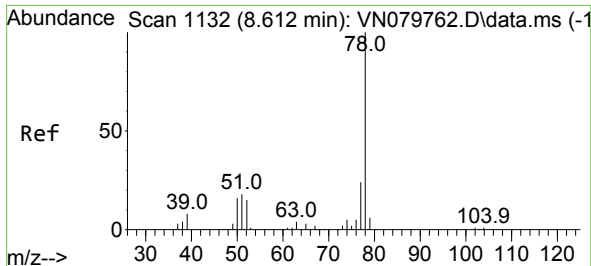
Ion Ratio Lower Upper

83 100

55 52.7 49.1 73.7

98 48.2 40.6 61.0

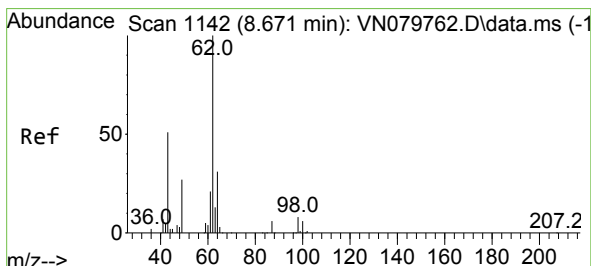
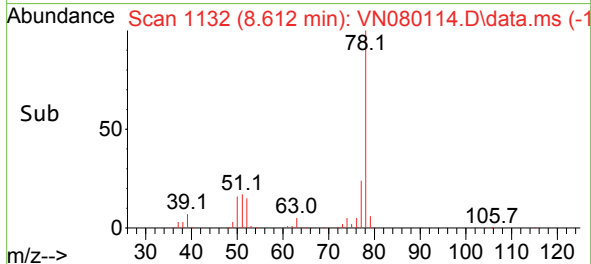
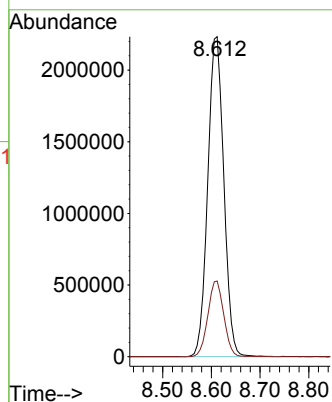
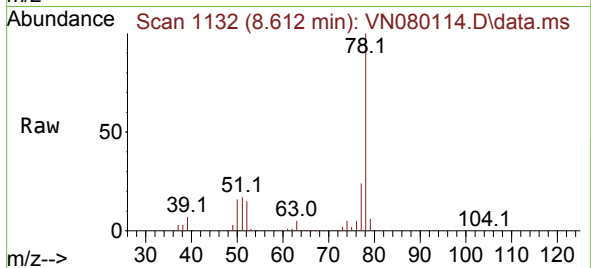




#40
Benzene
Concen: 465.379 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VN080114.D
Acq: 15 Nov 2023 16:41

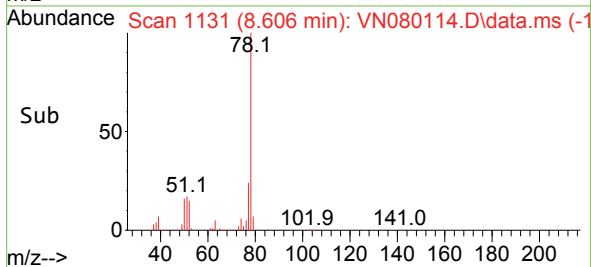
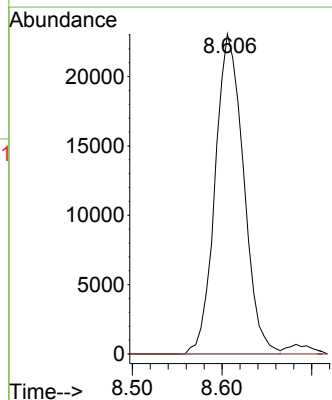
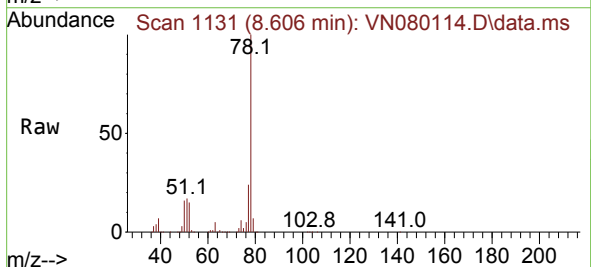
Instrument :
MSVOA_N
ClientSampleId :

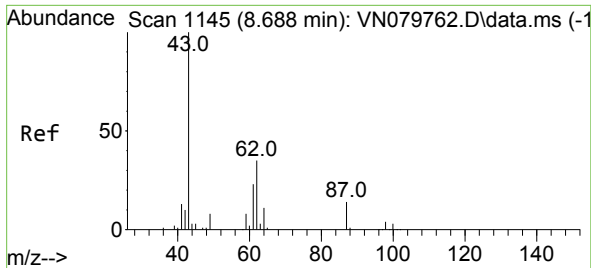
Tgt Ion: 78 Resp: 5098550
Ion Ratio Lower Upper
78 100
77 23.7 19.0 28.6



#42
1,2-Dichloroethane
Concen: 13.261 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.065 min
Lab File: VN080114.D
Acq: 15 Nov 2023 16:41

Tgt Ion: 62 Resp: 50749
Ion Ratio Lower Upper
62 100
98 0.0 0.0 19.8

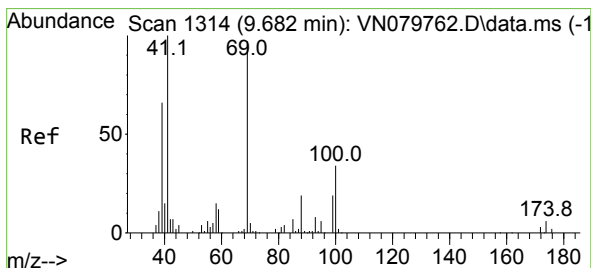
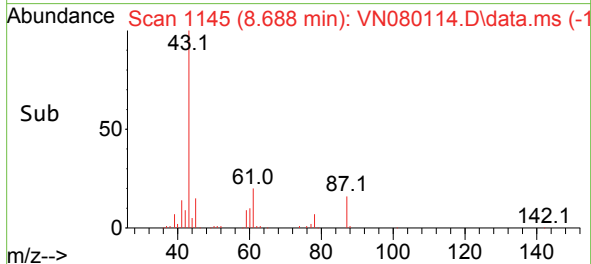
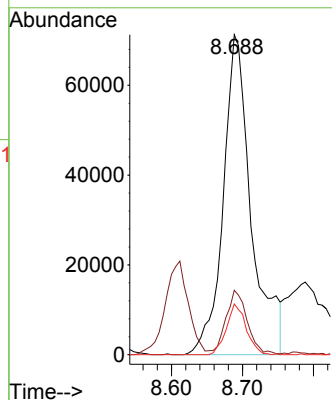
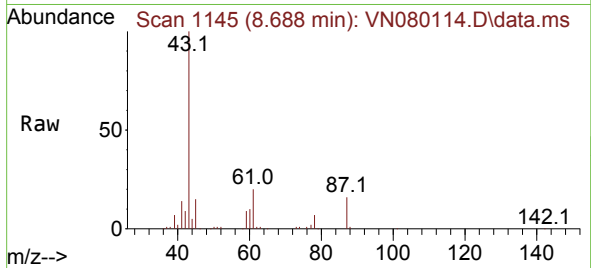




#43
Isopropyl Acetate
Concen: 33.137 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN080114.D
Acq: 15 Nov 2023 16:41

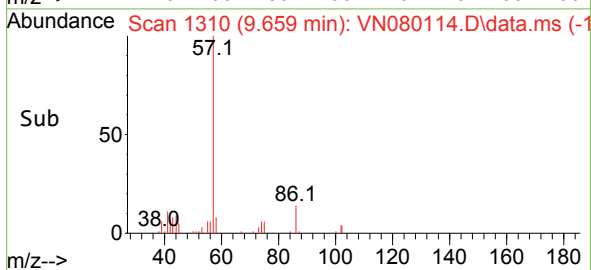
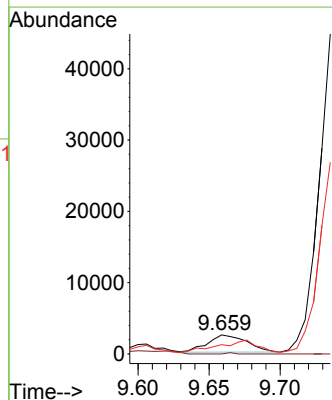
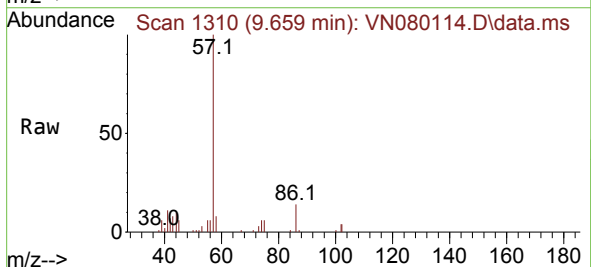
Instrument :
MSVOA_N
ClientSampleId :

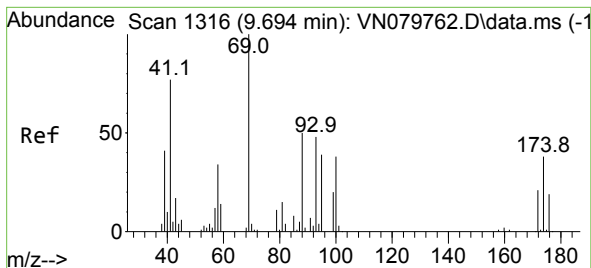
Tgt Ion: 43 Resp: 194948
Ion Ratio Lower Upper
43 100
61 15.4 24.7 37.1#
87 11.2 14.6 21.8#



#48
Methyl methacrylate
Concen: 1.802 ug/l
RT: 9.659 min Scan# 1310
Delta R.T. -0.024 min
Lab File: VN080114.D
Acq: 15 Nov 2023 16:41

Tgt Ion: 41 Resp: 4643
Ion Ratio Lower Upper
41 100
69 1.3 90.4 135.6#
39 88.8 54.6 81.8#

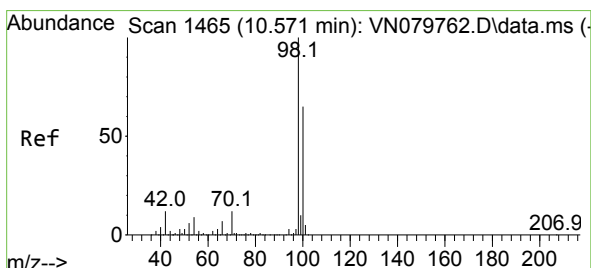
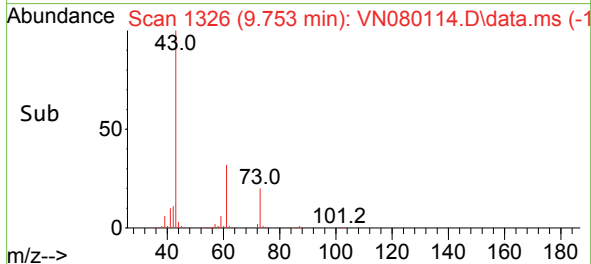
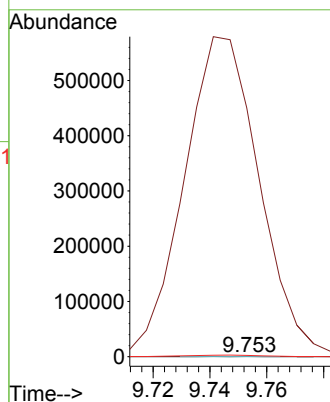
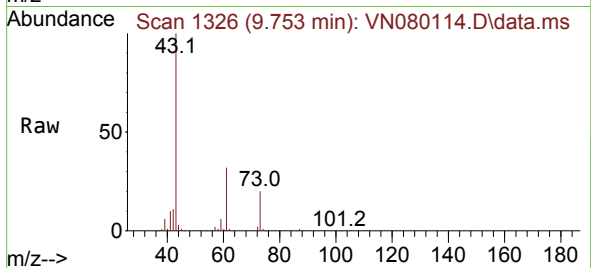




#49
1,4-Dioxane
Concen: 2.943 ug/l
RT: 9.753 min Scan# 11
Delta R.T. 0.059 min
Lab File: VN080114.D
Acq: 15 Nov 2023 16:41

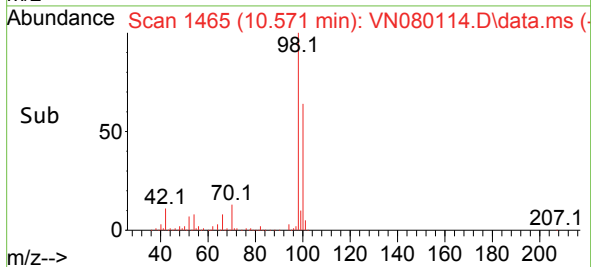
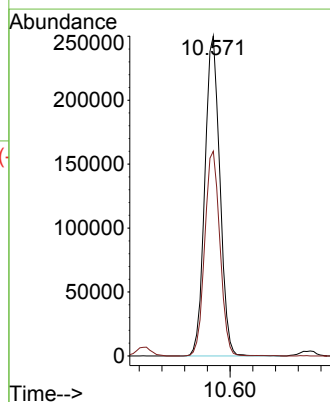
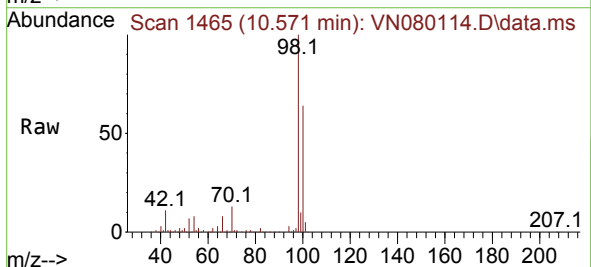
Instrument :
MSVOA_N
ClientSampleId :

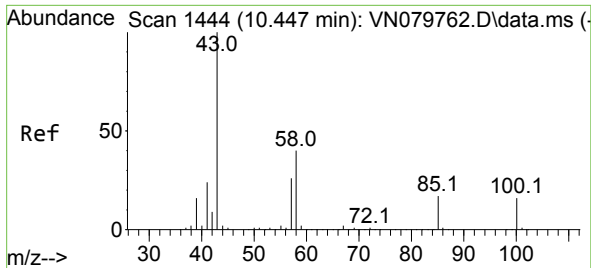
Tgt Ion: 88 Resp: 134
Ion Ratio Lower Upper
88 100
43 801576.1 17.0 25.6#
58 4259.0 47.0 70.4#



#50
Toluene-d8
Concen: 48.495 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN080114.D
Acq: 15 Nov 2023 16:41

Tgt Ion: 98 Resp: 457346
Ion Ratio Lower Upper
98 100
100 64.7 52.0 78.0

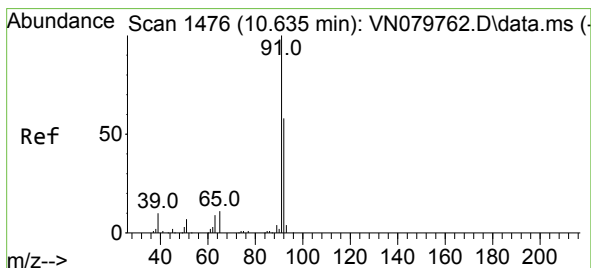
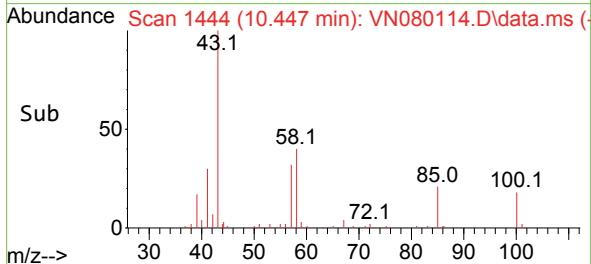
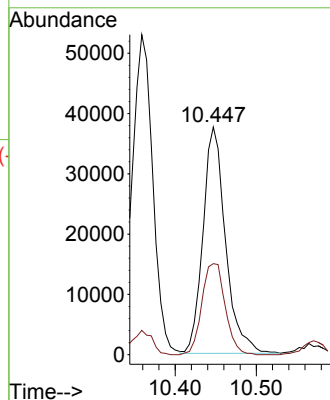
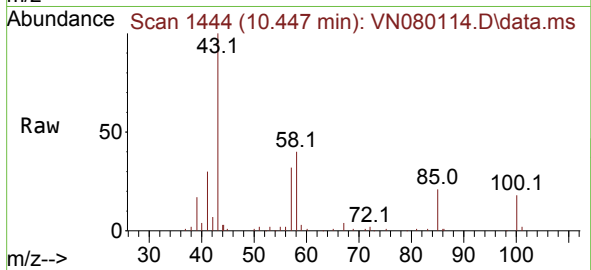




#51
4-Methyl-2-Pentanone
Concen: 21.893 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN080114.D
Acq: 15 Nov 2023 16:41

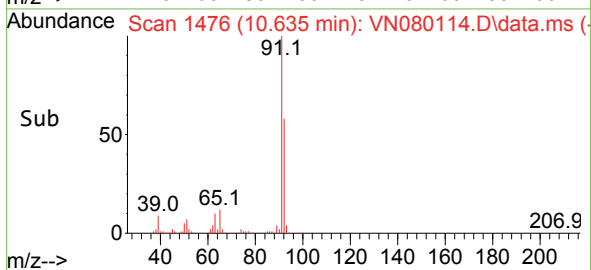
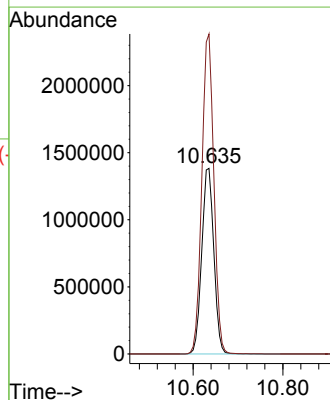
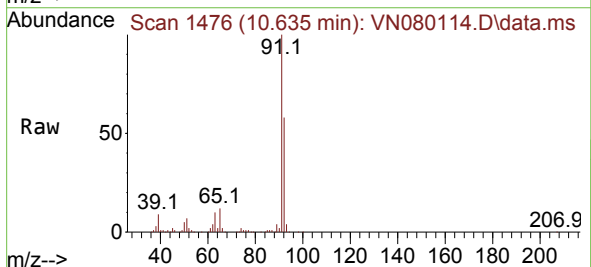
Instrument :
MSVOA_N
ClientSampleId :

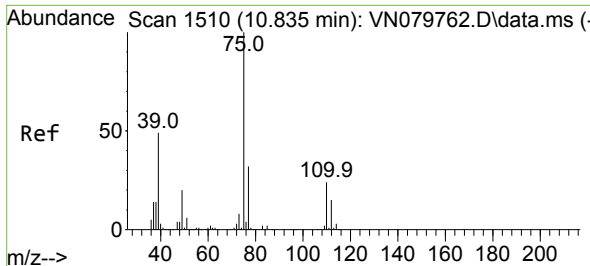
Tgt Ion: 43 Resp: 72512
Ion Ratio Lower Upper
43 100
58 41.5 36.6 54.8



#52
Toluene
Concen: 397.332 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN080114.D
Acq: 15 Nov 2023 16:41

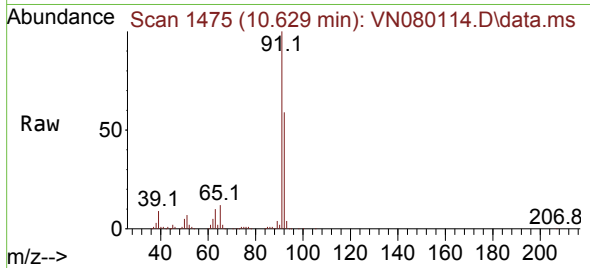
Tgt Ion: 92 Resp: 2580666
Ion Ratio Lower Upper
92 100
91 171.3 137.4 206.0



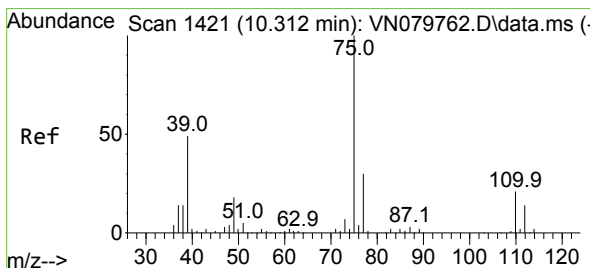
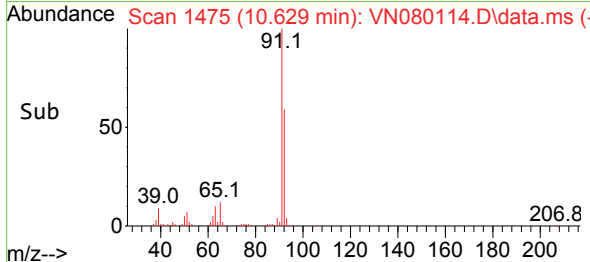
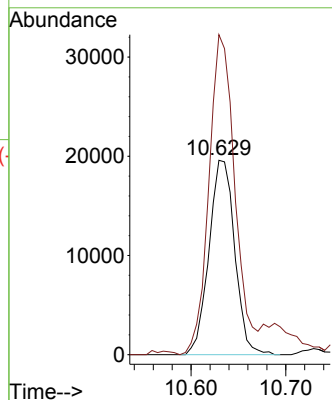


#53
 t-1,3-Dichloropropene
 Concen: 9.260 ug/l
 RT: 10.629 min Scan# 1475
 Delta R.T. -0.212 min
 Lab File: VN080114.D
 Acq: 15 Nov 2023 16:41

Instrument :
 MSVOA_N
 ClientSampleId :

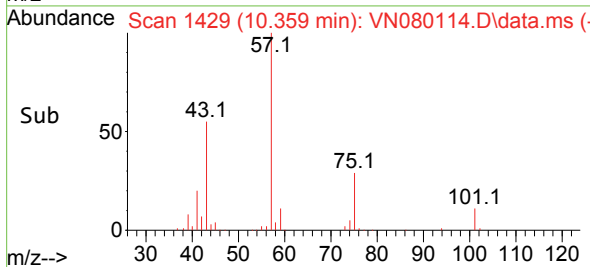
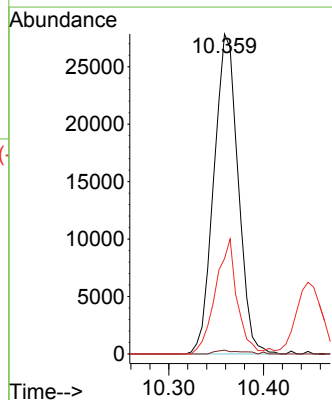
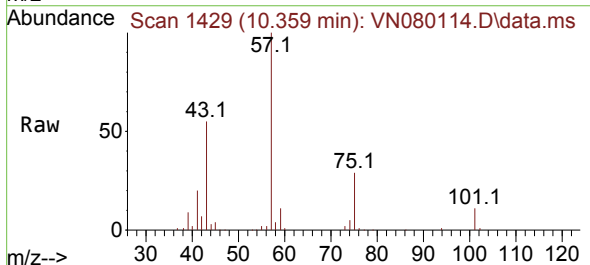


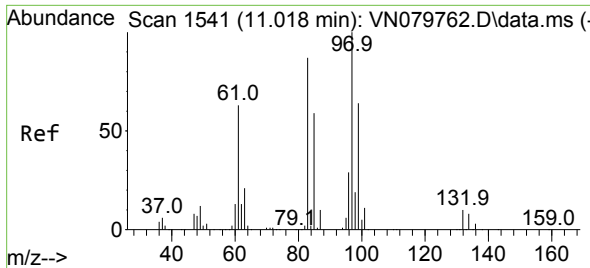
Tgt Ion: 75 Resp: 37013
 Ion Ratio Lower Upper
 75 100
 77 164.6 25.4 38.0#



#54
 cis-1,3-Dichloropropene
 Concen: 11.369 ug/l
 RT: 10.359 min Scan# 1429
 Delta R.T. 0.041 min
 Lab File: VN080114.D
 Acq: 15 Nov 2023 16:41

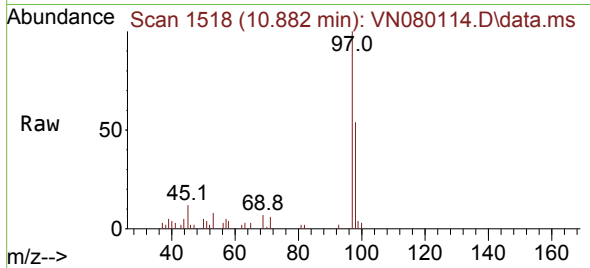
Tgt Ion: 75 Resp: 49528
 Ion Ratio Lower Upper
 75 100
 77 1.2 26.1 39.1#
 39 29.8 31.6 47.4#



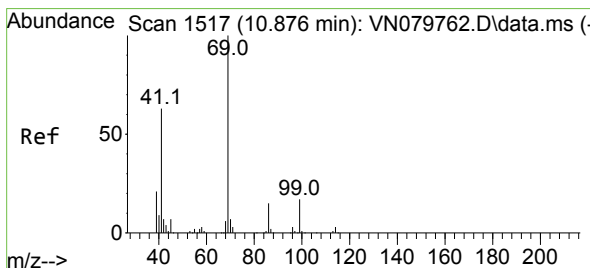
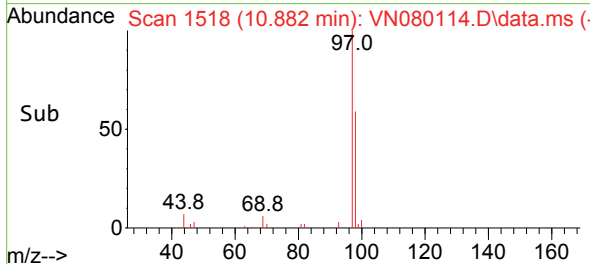
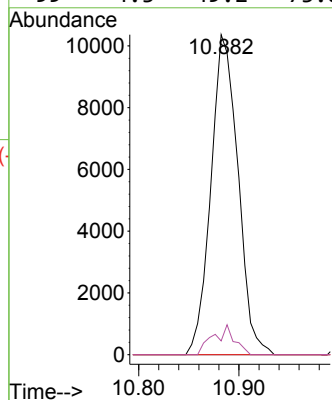


#55
 1,1,2-Trichloroethane
 Concen: 7.447 ug/l
 RT: 10.882 min Scan# 1518
 Delta R.T. -0.135 min
 Lab File: VN080114.D
 Acq: 15 Nov 2023 16:41

Instrument :
 MSVOA_N
 ClientSampleId :

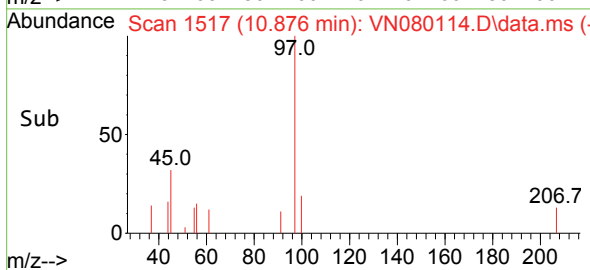
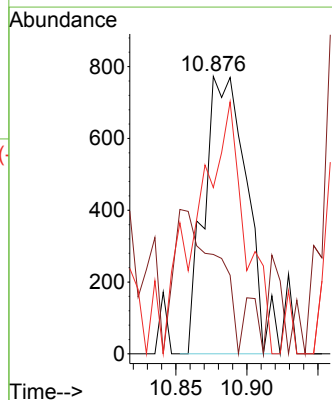
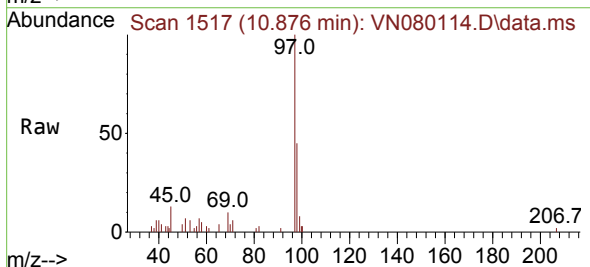


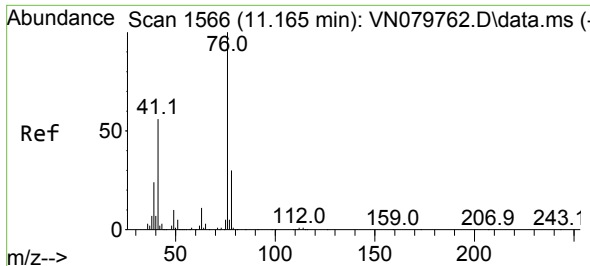
Tgt Ion:	97	Resp:	19455
Ion	Ratio	Lower	Upper
97	100		
83	0.0	65.1	97.7#
85	0.0	43.4	65.2#
99	4.3	49.2	73.8#



#56
 Ethyl methacrylate
 Concen: 0.434 ug/l
 RT: 10.876 min Scan# 1517
 Delta R.T. 0.000 min
 Lab File: VN080114.D
 Acq: 15 Nov 2023 16:41

Tgt Ion:	69	Resp:	1617
Ion	Ratio	Lower	Upper
69	100		
41	0.0	39.6	59.4#
39	0.0	28.6	43.0#





#57

1,3-Dichloropropane

Concen: 1.269 ug/l

RT: 11.206 min Scan# 11

Delta R.T. 0.041 min

Lab File: VN080114.D

Acq: 15 Nov 2023 16:41

Instrument :

MSVOA_N

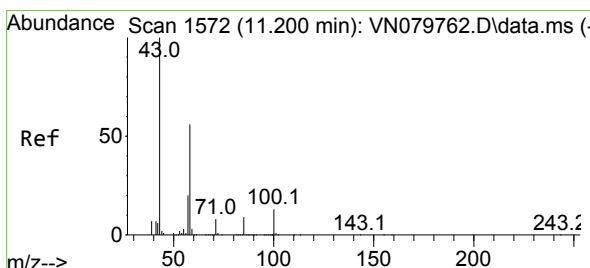
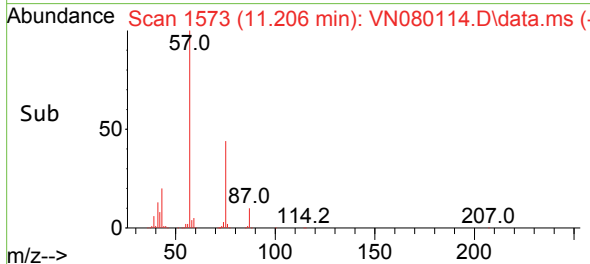
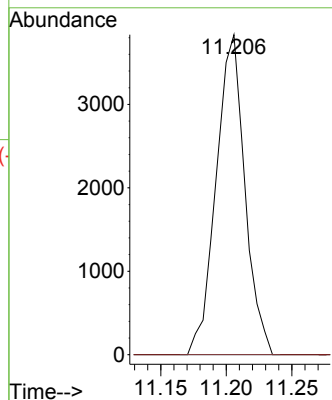
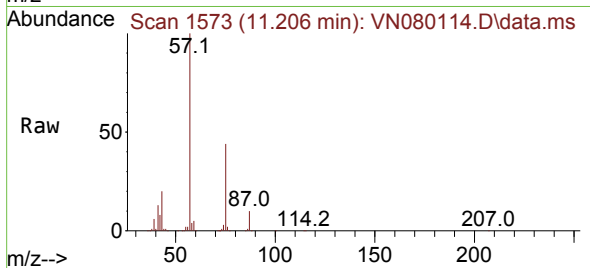
ClientSampleId :

Tgt Ion: 76 Resp: 5844

Ion Ratio Lower Upper

76 100

78 0.0 26.1 39.1#



#59

2-Hexanone

Concen: 37.042 ug/l

RT: 11.176 min Scan# 1568

Delta R.T. -0.024 min

Lab File: VN080114.D

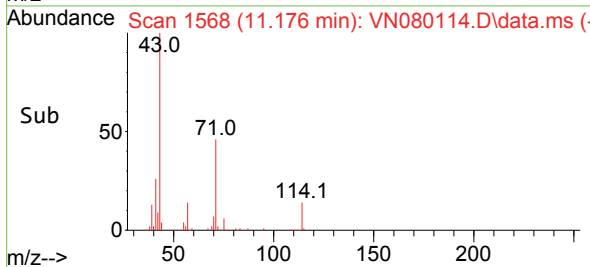
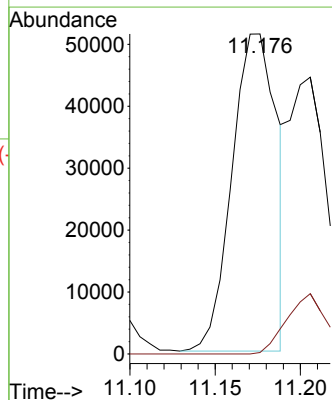
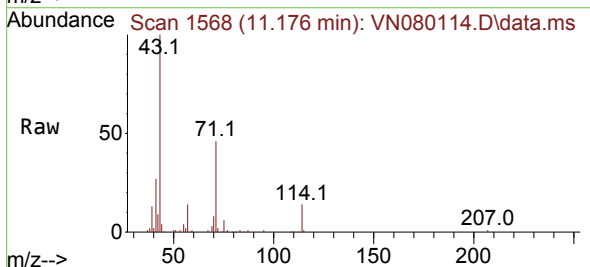
Acq: 15 Nov 2023 16:41

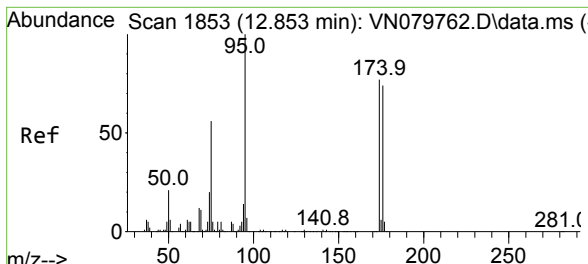
Tgt Ion: 43 Resp: 93854

Ion Ratio Lower Upper

43 100

58 0.0 31.7 95.1#

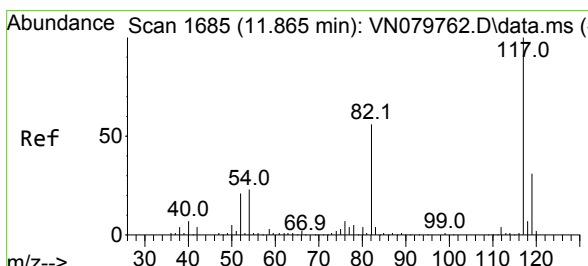
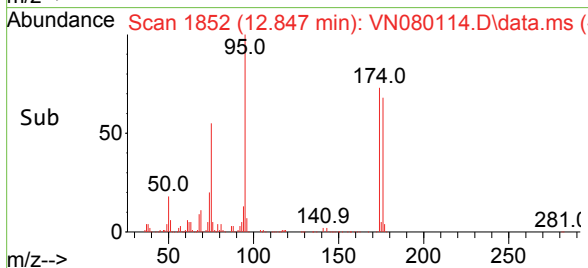
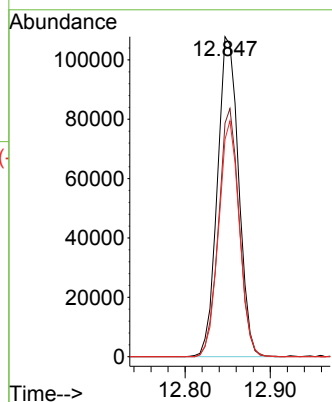
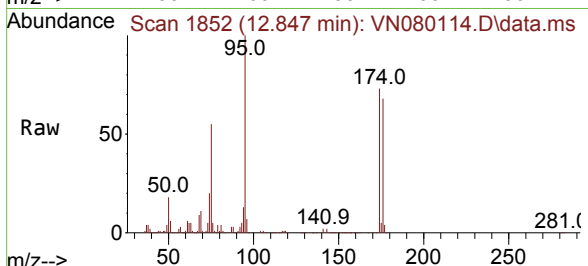




#62
4-Bromofluorobenzene
Concen: 59.665 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.006 min
Lab File: VN080114.D
Acq: 15 Nov 2023 16:41

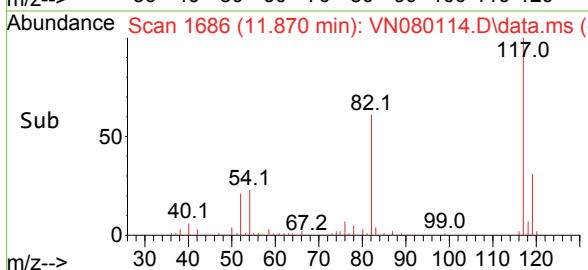
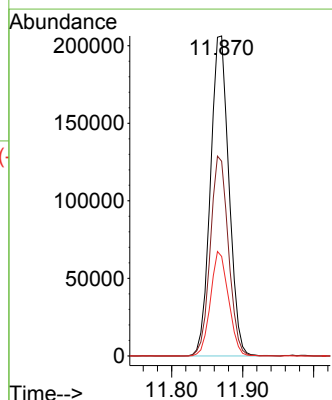
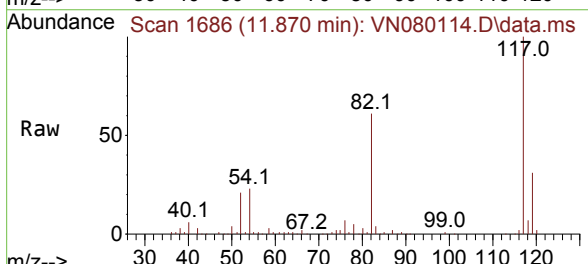
Instrument :
MSVOA_N
ClientSampleId :

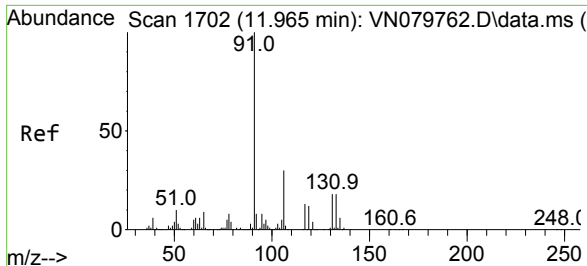
Tgt Ion: 95 Resp: 186616
Ion Ratio Lower Upper
95 100
174 75.2 0.0 143.8
176 72.0 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN080114.D
Acq: 15 Nov 2023 16:41

Tgt Ion: 117 Resp: 372400
Ion Ratio Lower Upper
117 100
82 60.8 44.0 66.0
119 31.1 25.6 38.4

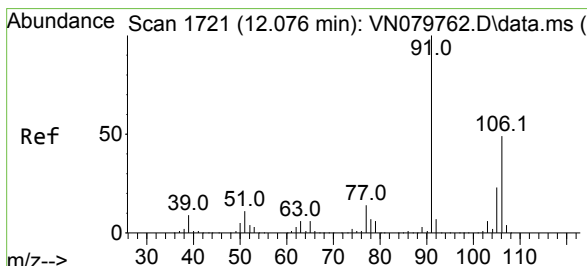
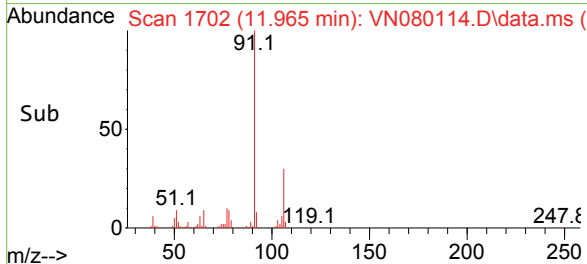
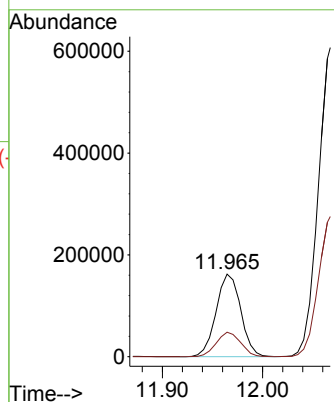
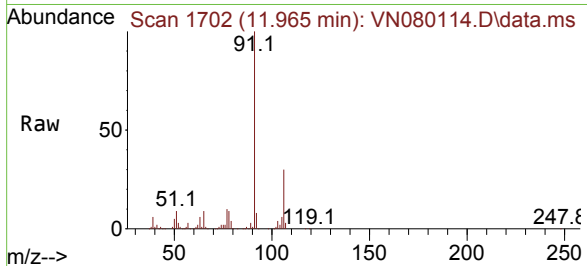




#67
Ethyl Benzene
Concen: 19.654 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN080114.D
Acq: 15 Nov 2023 16:41

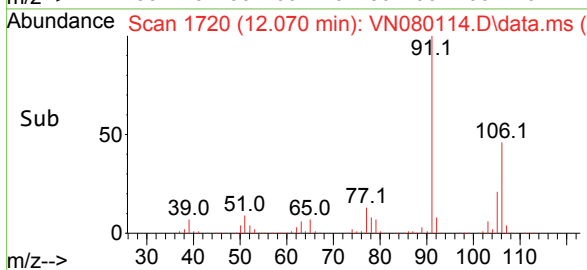
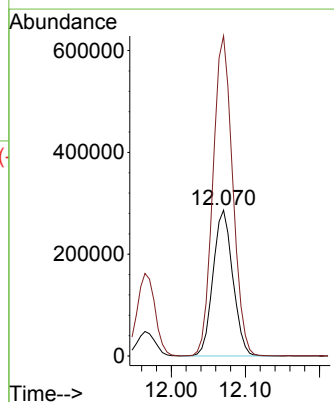
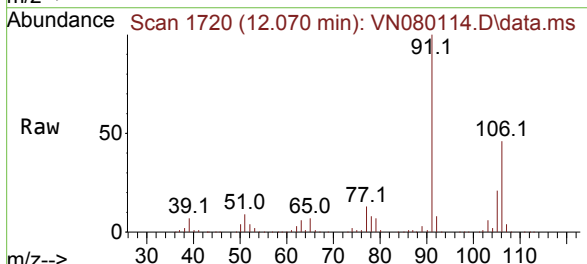
Instrument :
MSVOA_N
ClientSampleId :

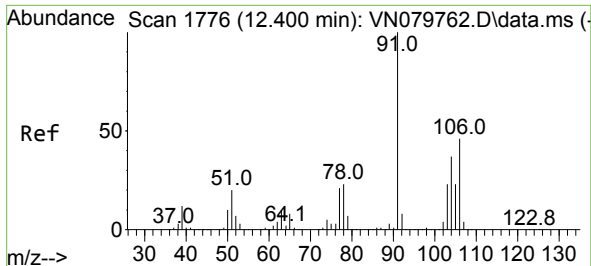
Tgt Ion: 91 Resp: 276607
Ion Ratio Lower Upper
91 100
106 29.7 25.6 38.4



#68
m/p-Xylenes
Concen: 101.081 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN080114.D
Acq: 15 Nov 2023 16:41

Tgt Ion:106 Resp: 529950
Ion Ratio Lower Upper
106 100
91 219.5 159.6 239.4

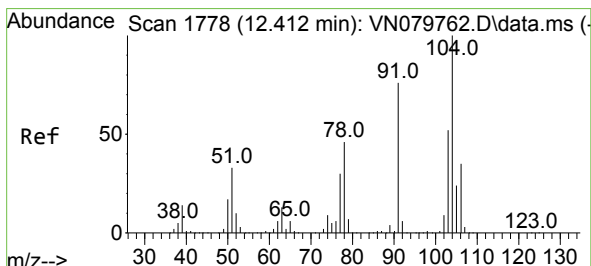
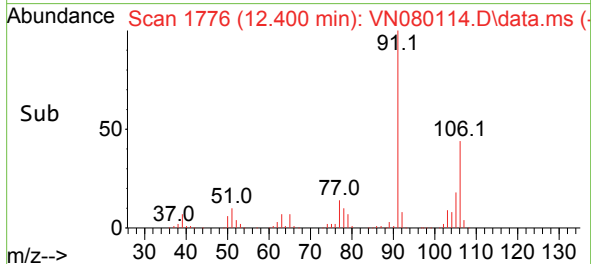
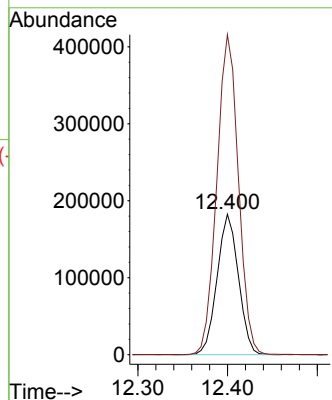
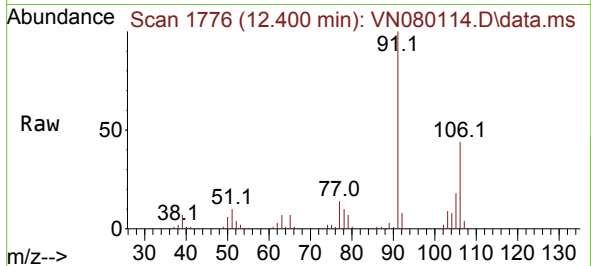




#69
o-Xylene
Concen: 59.668 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN080114.D
Acq: 15 Nov 2023 16:41

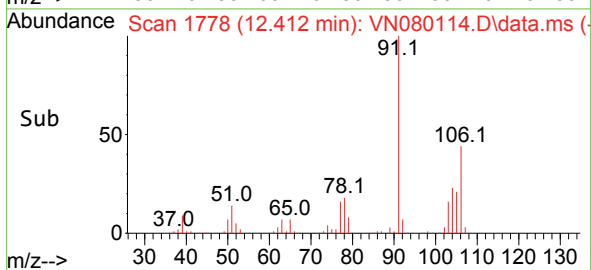
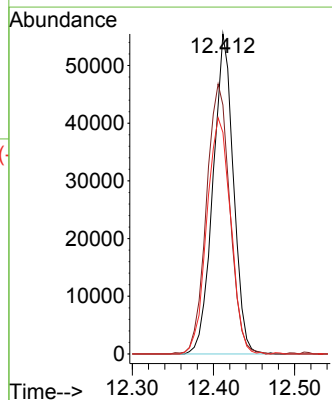
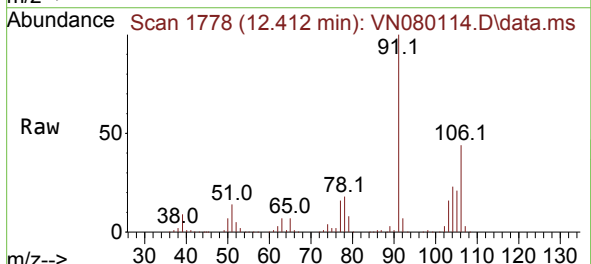
Instrument :
MSVOA_N
ClientSampleId :

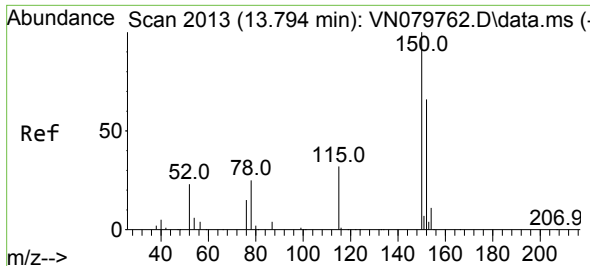
Tgt Ion:106 Resp: 301240
Ion Ratio Lower Upper
106 100
91 230.8 105.2 315.5



#70
Styrene
Concen: 11.972 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN080114.D
Acq: 15 Nov 2023 16:41

Tgt Ion:104 Resp: 97134
Ion Ratio Lower Upper
104 100
78 96.3 39.5 59.3#
103 85.9 43.2 64.8#

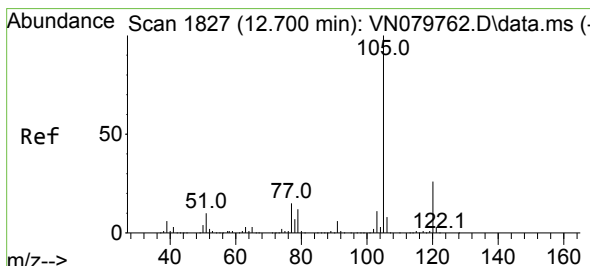
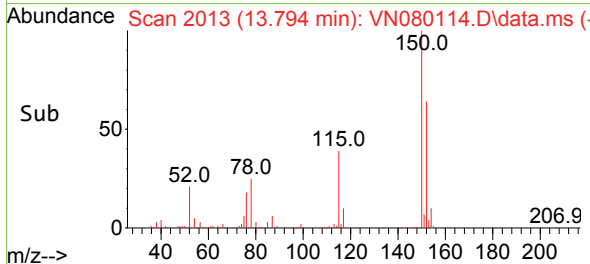
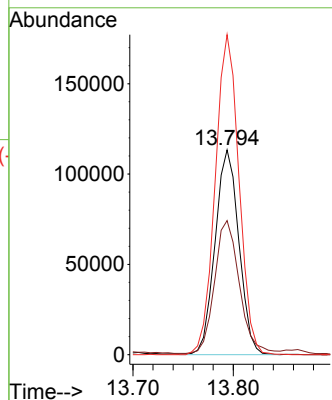
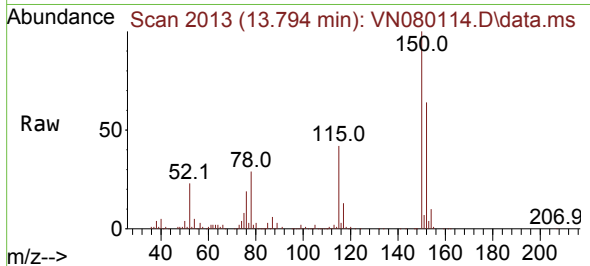




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 2013
 Delta R.T. 0.000 min
 Lab File: VN080114.D
 Acq: 15 Nov 2023 16:41

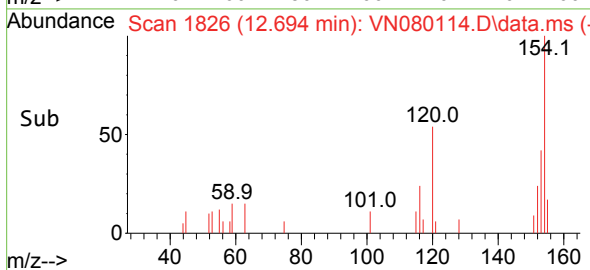
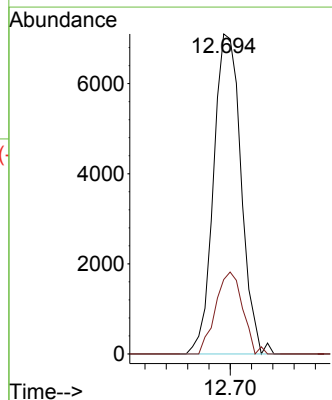
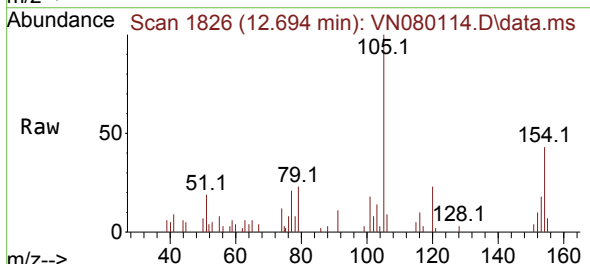
Instrument :
 MSVOA_N
 ClientSampleId :

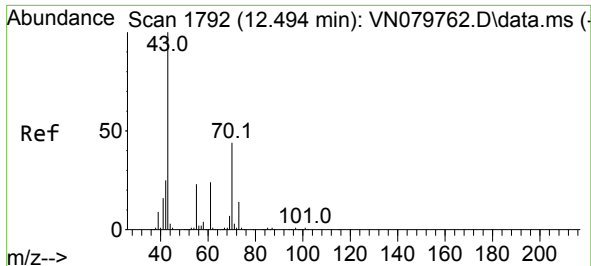
Tgt Ion:152 Resp: 186655
 Ion Ratio Lower Upper
 152 100
 115 67.5 32.3 96.8
 150 155.9 0.0 355.8



#73
 Isopropylbenzene
 Concen: 0.897 ug/l
 RT: 12.694 min Scan# 1826
 Delta R.T. -0.006 min
 Lab File: VN080114.D
 Acq: 15 Nov 2023 16:41

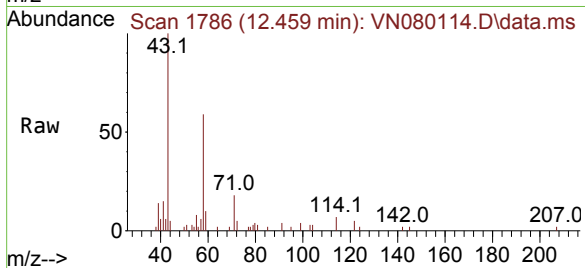
Tgt Ion:105 Resp: 12708
 Ion Ratio Lower Upper
 105 100
 120 25.1 13.1 39.1



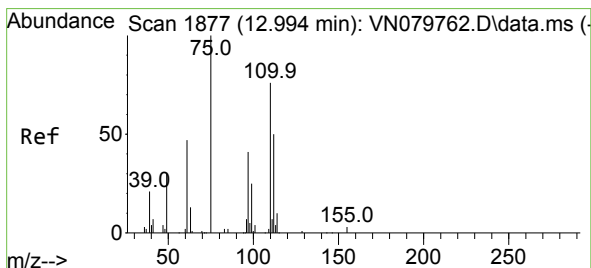
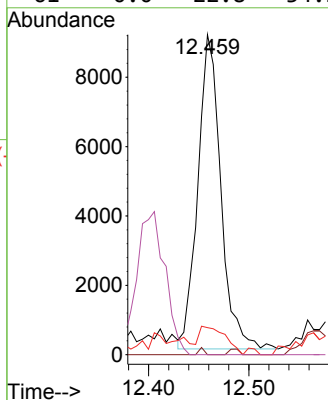
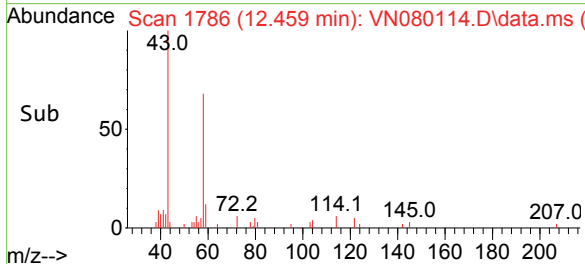


#74
N-amy1 acetate
Concen: 2.347 ug/l
RT: 12.459 min Scan# 11
Delta R.T. -0.035 min
Lab File: VN080114.D
Acq: 15 Nov 2023 16:41

Instrument :
MSVOA_N
ClientSampleId :

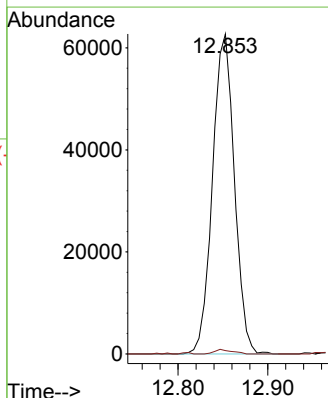
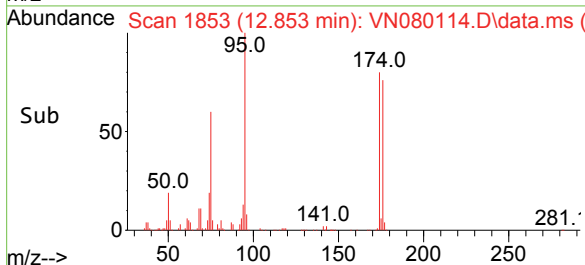
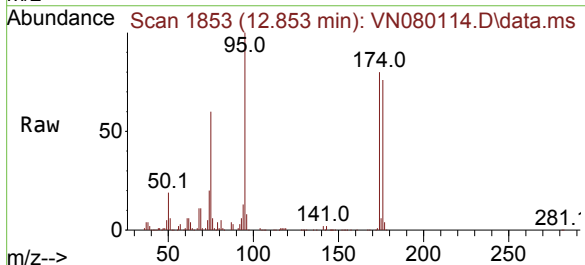


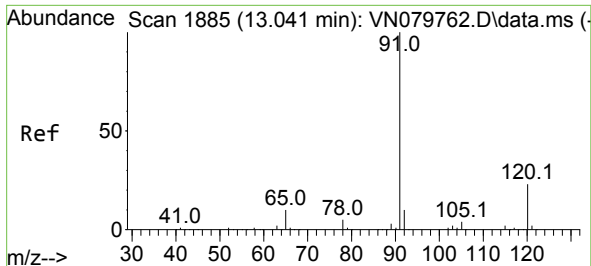
Tgt Ion: 43 Resp: 14512
Ion Ratio Lower Upper
43 100
70 0.5 43.4 65.2#
55 10.0 21.4 32.0#
61 0.0 22.8 34.2#



#76
1,2,3-Trichloropropane
Concen: 24.243 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN080114.D
Acq: 15 Nov 2023 16:41

Tgt Ion: 75 Resp: 106237
Ion Ratio Lower Upper
75 100
77 1.1 84.5 253.5#

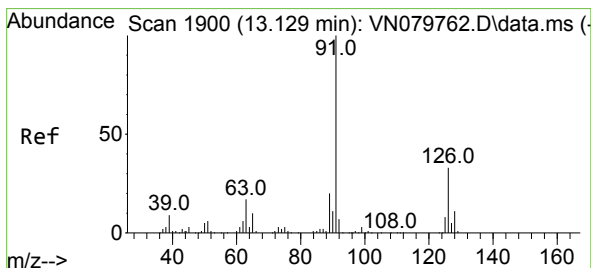
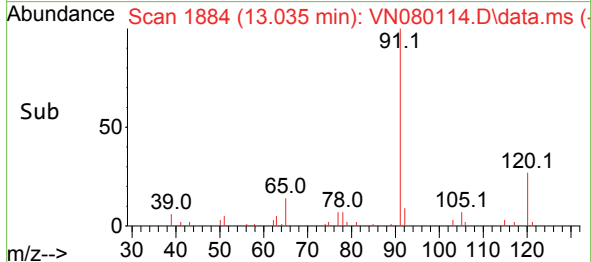
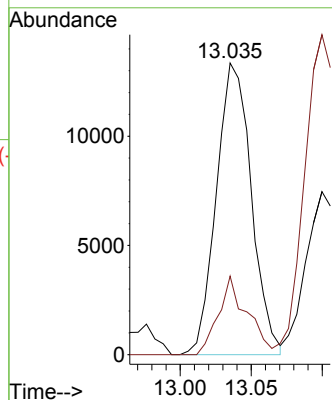
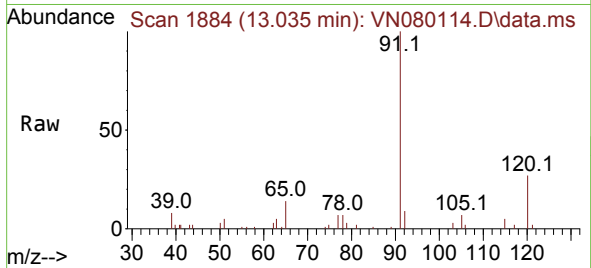




#78
n-propylbenzene
Concen: 1.410 ug/l
RT: 13.035 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN080114.D
Acq: 15 Nov 2023 16:41

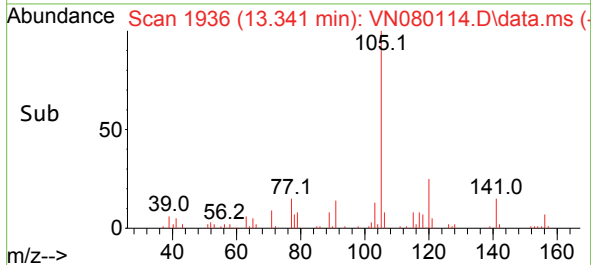
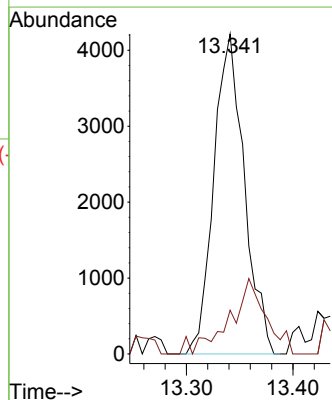
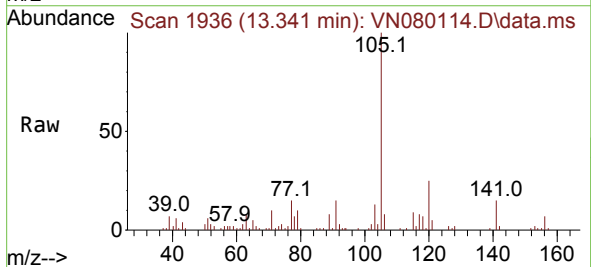
Instrument :
MSVOA_N
ClientSampleId :

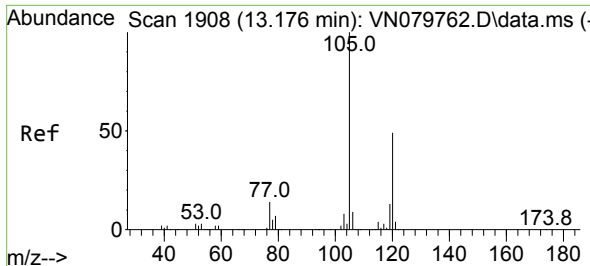
Tgt Ion: 91 Resp: 22880
Ion Ratio Lower Upper
91 100
120 22.0 11.5 34.4



#79
2-Chlorotoluene
Concen: 0.808 ug/l
RT: 13.341 min Scan# 1936
Delta R.T. 0.212 min
Lab File: VN080114.D
Acq: 15 Nov 2023 16:41

Tgt Ion: 91 Resp: 8371
Ion Ratio Lower Upper
91 100
126 27.2 16.3 48.8

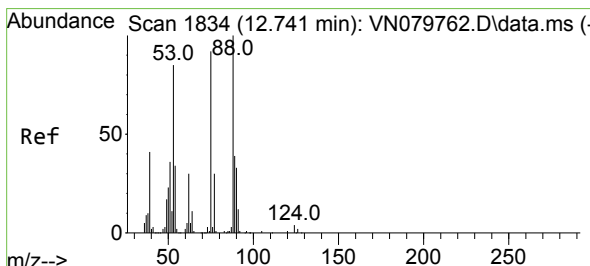
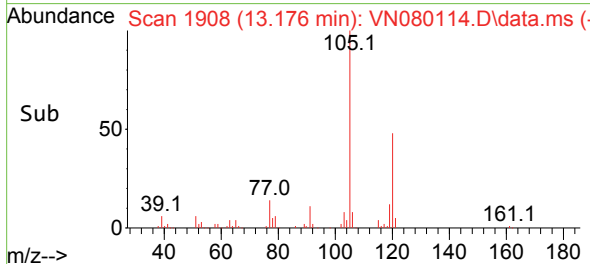
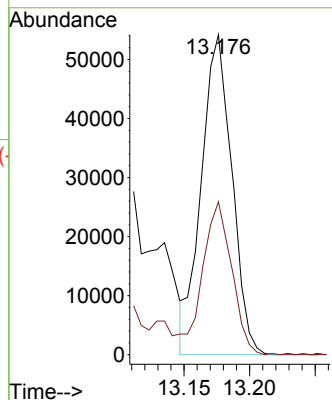
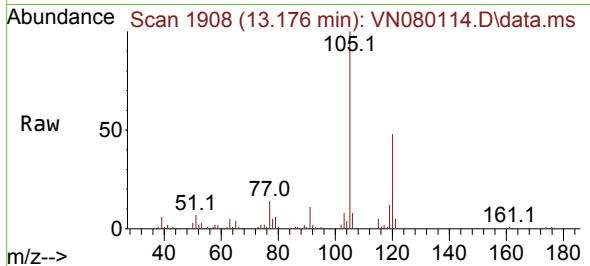




#80
 1,3,5-Trimethylbenzene
 Concen: 7.969 ug/l
 RT: 13.176 min Scan# 1908
 Delta R.T. 0.000 min
 Lab File: VN080114.D
 Acq: 15 Nov 2023 16:41

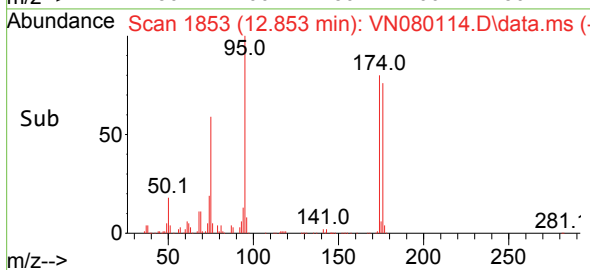
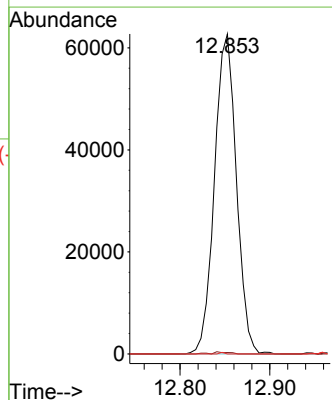
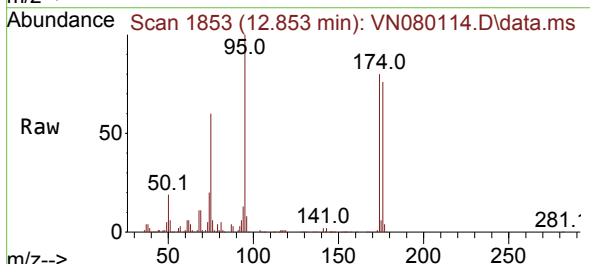
Instrument :
 MSVOA_N
 ClientSampleId :

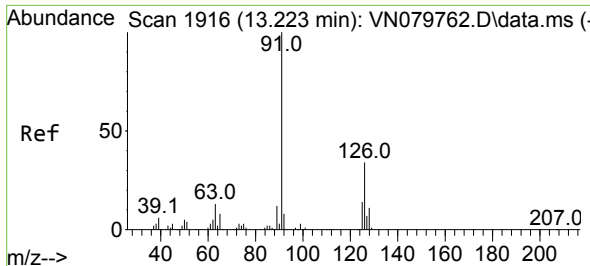
Tgt Ion:105 Resp: 87829
 Ion Ratio Lower Upper
 105 100
 120 45.4 24.1 72.3



#81
 trans-1,4-Dichloro-2-butene
 Concen: 65.960 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. 0.118 min
 Lab File: VN080114.D
 Acq: 15 Nov 2023 16:41

Tgt Ion: 75 Resp: 106237
 Ion Ratio Lower Upper
 75 100
 53 0.5 67.4 101.2#
 89 0.1 38.8 58.2#

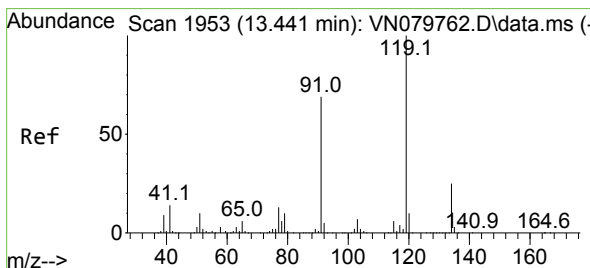
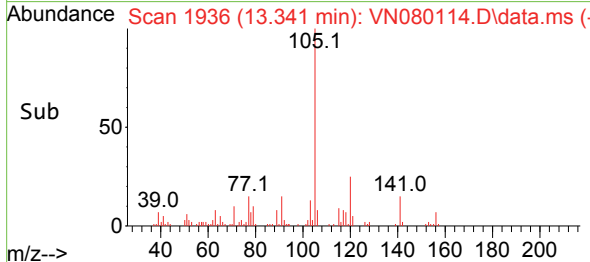
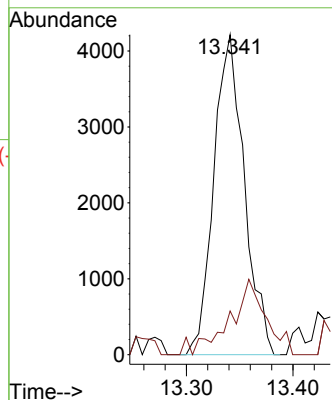
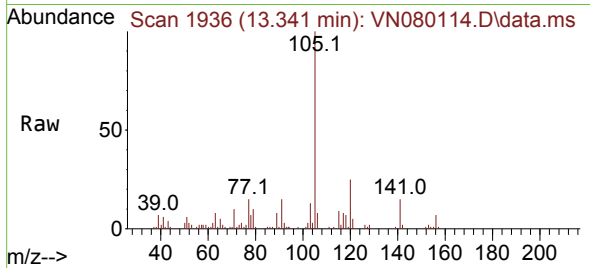




#82
4-Chlorotoluene
Concen: 0.813 ug/l
RT: 13.341 min Scan# 1916
Delta R.T. 0.118 min
Lab File: VN080114.D
Acq: 15 Nov 2023 16:41

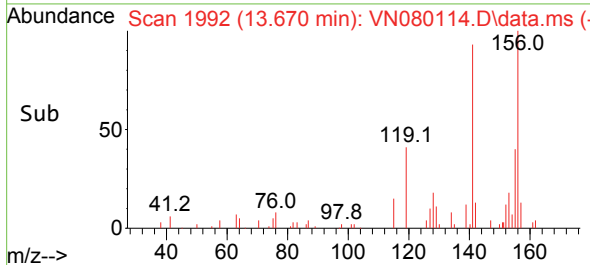
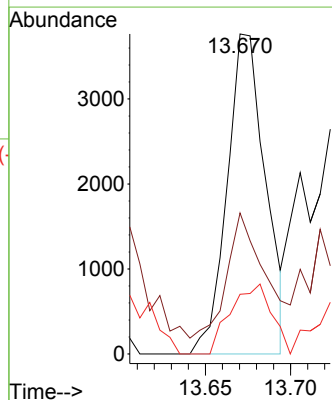
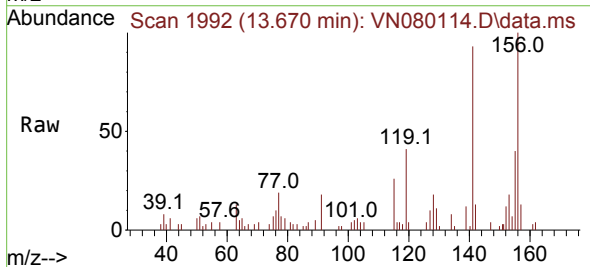
Instrument :
MSVOA_N
ClientSampleId :

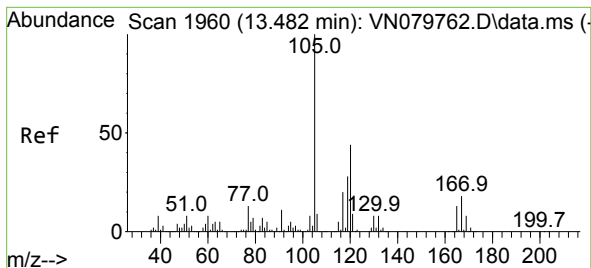
Tgt Ion: 91 Resp: 8371
Ion Ratio Lower Upper
91 100
126 27.2 16.7 50.0



#83
tert-Butylbenzene
Concen: 0.652 ug/l
RT: 13.670 min Scan# 1992
Delta R.T. 0.229 min
Lab File: VN080114.D
Acq: 15 Nov 2023 16:41

Tgt Ion: 119 Resp: 5882
Ion Ratio Lower Upper
119 100
91 38.8 33.9 101.7
134 23.3 13.2 39.6





#84

1,2,4-Trimethylbenzene

Concen: 24.724 ug/l

RT: 13.488 min Scan# 1960

Delta R.T. 0.006 min

Lab File: VN080114.D

Acq: 15 Nov 2023 16:41

Instrument :

MSVOA_N

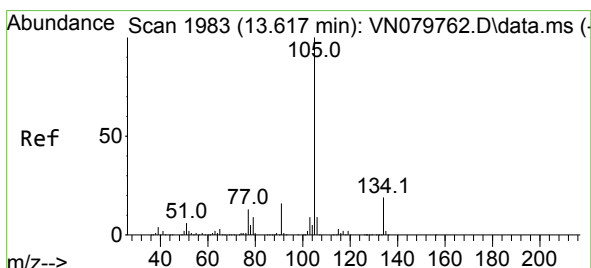
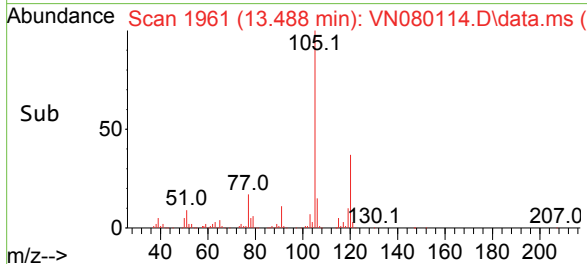
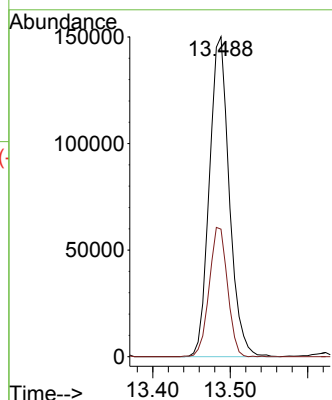
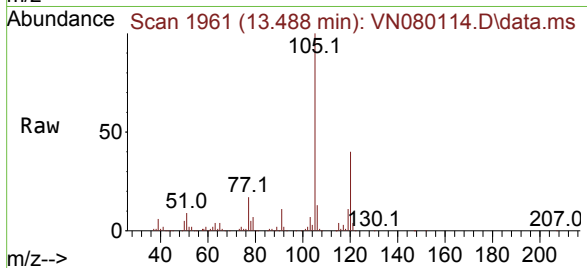
ClientSampleId :

Tgt Ion:105 Resp: 268096

Ion Ratio Lower Upper

105 100

120 37.2 22.0 66.0



#85

sec-Butylbenzene

Concen: 21.449 ug/l

RT: 13.488 min Scan# 1961

Delta R.T. -0.129 min

Lab File: VN080114.D

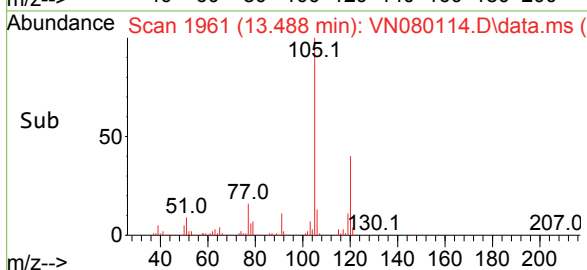
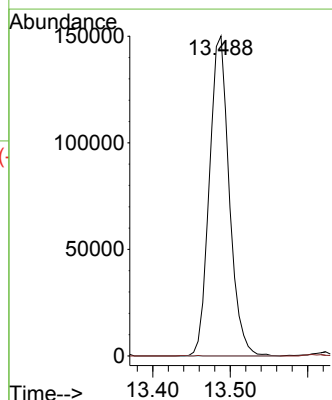
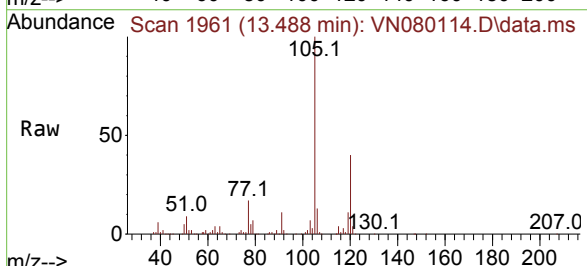
Acq: 15 Nov 2023 16:41

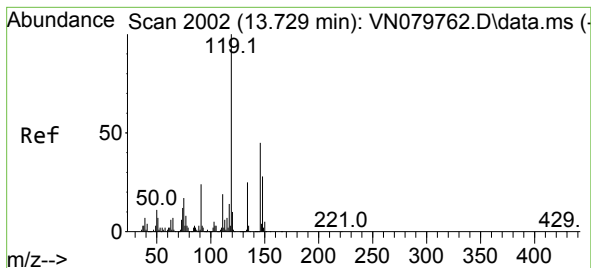
Tgt Ion:105 Resp: 268096

Ion Ratio Lower Upper

105 100

134 0.0 9.8 29.3#





#86

p-Isopropyltoluene

Concen: 0.611 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN080114.D

Acq: 15 Nov 2023 16:41

Instrument :

MSVOA_N

ClientSampleId :

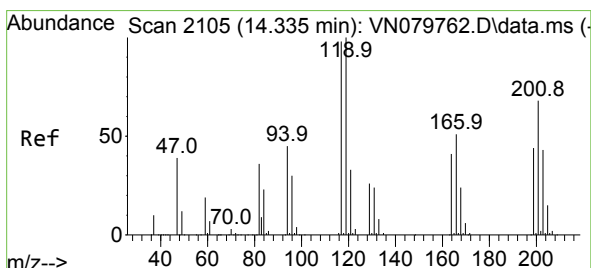
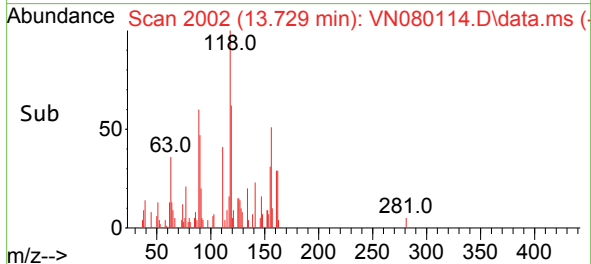
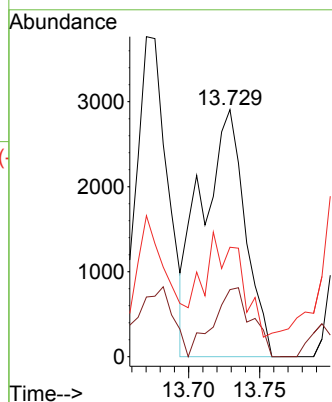
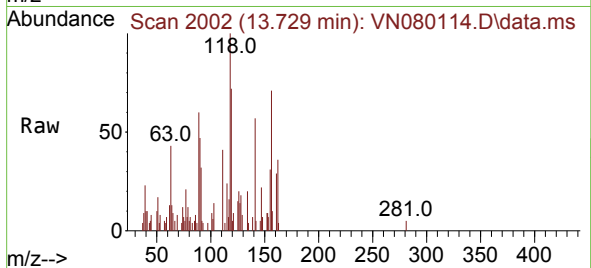
Tgt Ion:119 Resp: 6225

Ion Ratio Lower Upper

119 100

134 24.3 12.6 37.8

91 32.6 12.4 37.2



#90

Hexachloroethane

Concen: 1.066 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. 0.000 min

Lab File: VN080114.D

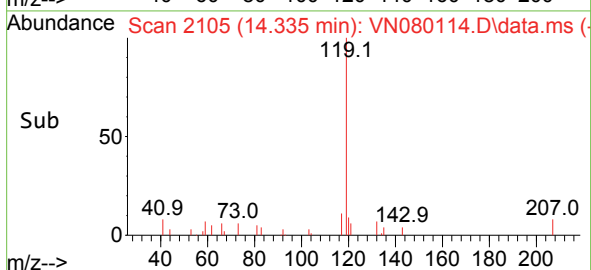
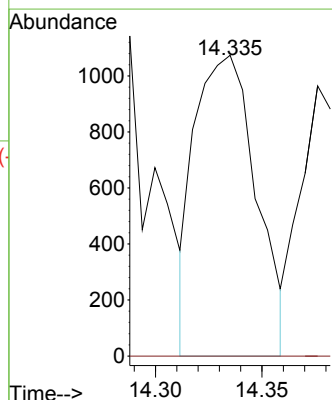
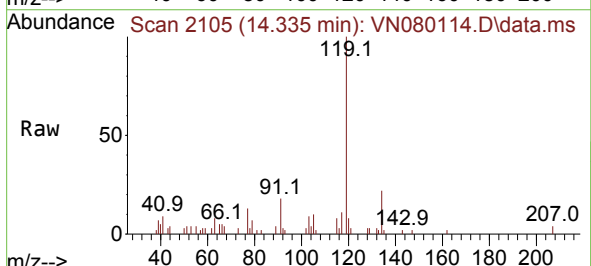
Acq: 15 Nov 2023 16:41

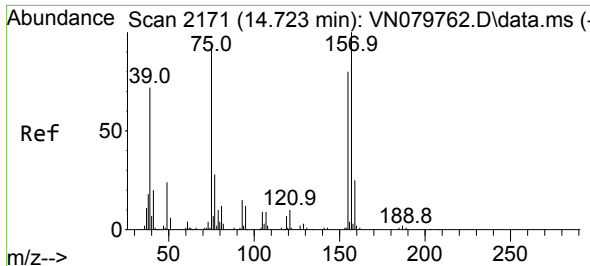
Tgt Ion:117 Resp: 2152

Ion Ratio Lower Upper

117 100

201 0.0 29.3 88.0#





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.339 ug/l

RT: 14.688 min Scan# 2165

Delta R.T. -0.035 min

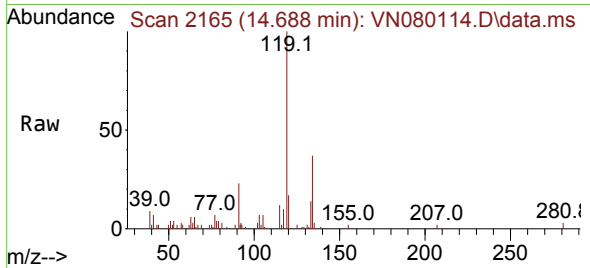
Lab File: VN080114.D

Acq: 15 Nov 2023 16:41

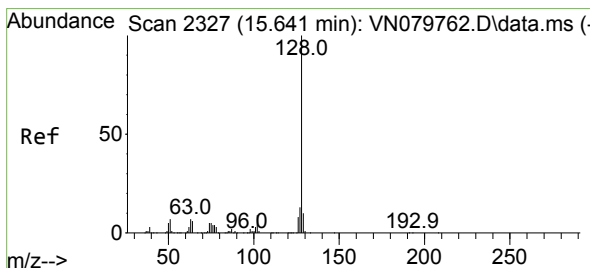
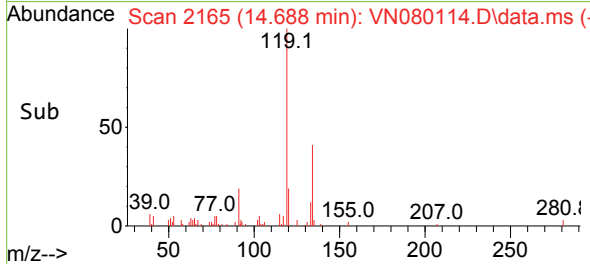
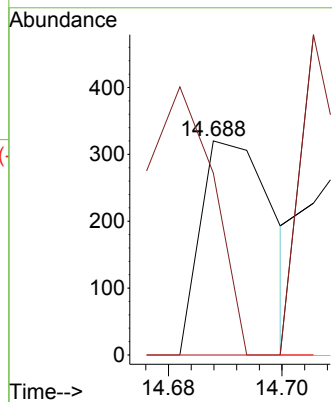
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	75	Resp:	289
Ion	Ratio	Lower	Upper
75	100		
155	112.8	39.1	117.2
157	0.0	50.3	150.9#



#95

Naphthalene

Concen: 388.247 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.000 min

Lab File: VN080114.D

Acq: 15 Nov 2023 16:41

Tgt Ion:	128	Resp:	3813004
Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.0	15.0
129	10.9	8.7	13.1

