

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102723\
 Data File : VY016118.D
 Acq On : 27 Oct 2023 20:51
 Operator : SY/MD
 Sample : 05107-10
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 30 06:15:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102623S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 27 04:12:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	191558	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	308515	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	266763	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	106481	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	107386	56.377	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 112.760%	
35) Dibromofluoromethane	7.722	113	96323	49.456	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.920%	
50) Toluene-d8	10.185	98	396265	54.927	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 109.860%	
62) 4-Bromofluorobenzene	12.483	95	120815	48.820	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 97.640%	

Target Compounds				Qvalue		
3) Chloromethane	2.077	50	8400	5.185	ug/l #	70
11) Tert butyl alcohol	4.954	59	1673	Below Cal	#	89
13) Acrolein	3.698	56	3029	12.768	ug/l #	1
14) Allyl chloride	4.607	41	4488	1.754	ug/l #	47
16) Acetone	3.954	43	58414	113.143	ug/l	91
20) Methylene Chloride	4.722	84	30975	10.841	ug/l #	83
25) 2-Butanone	6.990	43	21138	30.336	ug/l	95
29) Tetrahydrofuran	7.362	42	420	1.051	ug/l #	35
31) Cyclohexane	7.789	56	468500	156.343	ug/l	92
36) 1,1-Dichloropropene	7.795	75	14231	5.242	ug/l #	51
37) Ethyl Acetate	6.990	43	21138	15.190	ug/l #	85
38) Carbon Tetrachloride	7.795	117	18660	6.500	ug/l #	15
39) Methylcyclohexane	9.191	83	1006273	304.251	ug/l	92
40) Benzene	8.167	78	14536717	1891.228	ug/l	93
42) 1,2-Dichloroethane	8.167	62	130066	58.562	ug/l #	78
43) Isopropyl Acetate	8.277	43	24391	9.375	ug/l #	55
48) Methyl methacrylate	9.246	41	20519	17.118	ug/l #	36
51) 4-Methyl-2-Pentanone	10.179	43	21111	15.377	ug/l #	68
52) Toluene	10.252	92	11310845	2291.607	ug/l	78
53) t-1,3-Dichloropropene	10.252	75	145064	51.424	ug/l #	1
55) 1,1,2-Trichloroethane	10.624	97	88737	54.753	ug/l #	18
56) Ethyl methacrylate	10.526	69	51740	24.841	ug/l #	46
59) 2-Hexanone	10.807	43	91616	90.591	ug/l #	33
67) Ethyl Benzene	11.599	91	3052548	327.828	ug/l	97
68) m/p-Xylenes	11.703	106	5861535	1626.653	ug/l	87
69) o-Xylene	12.032	106	3079601	892.702	ug/l	93
70) Styrene	12.044	104	772221	134.289	ug/l #	46
73) Isopropylbenzene	12.337	105	326958	43.631	ug/l	99
74) N-amyl acetate	12.130	43	53289	29.164	ug/l #	53
75) 1,1,2,2-Tetrachloroethane	12.526	83	4108	2.682	ug/l #	13
76) 1,2,3-Trichloropropane	12.672	75	3634	3.343	ug/l #	100
77) Bromobenzene	12.422	156	694494	397.100	ug/l #	1
78) n-propylbenzene	12.678	91	616383	67.932	ug/l	99
79) 2-Chlorotoluene	12.739	91	273366	53.794	ug/l #	42
80) 1,3,5-Trimethylbenzene	12.818	105	2241509	360.273	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.422	75	7754	15.500	ug/l #	75

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 Response via : Initial Calibration

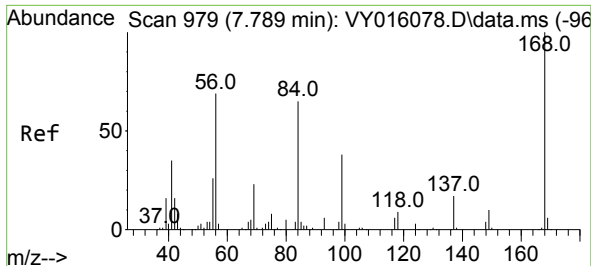
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

82) 4-Chlorotoluene	12.818	91	247651	46.992	ug/l #	41
83) tert-Butylbenzene	13.081	119	31746	5.740	ug/l #	40
84) 1,2,4-Trimethylbenzene	13.123	105	4758069	774.333	ug/l	96
85) sec-Butylbenzene	13.123	105	4758069	577.650	ug/l #	56
86) p-Isopropyltoluene	13.373	119	165895	24.137	ug/l	97
88) 1,4-Dichlorobenzene	13.453	146	5607	1.606	ug/l #	1
89) n-Butylbenzene	13.702	91	98765	15.404	ug/l #	62
90) Hexachloroethane	13.977	117	49513	37.002	ug/l #	8
92) 1,2-Dibromo-3-Chloropr...	14.337	75	6619	27.523	ug/l #	3
95) Naphthalene	15.239	128	19399384	5142.268	ug/l #	86
96) 1,2,3-Trichlorobenzene	15.440	180	1776	1.065	ug/l #	1

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

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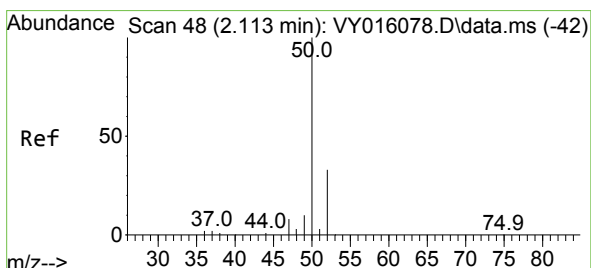
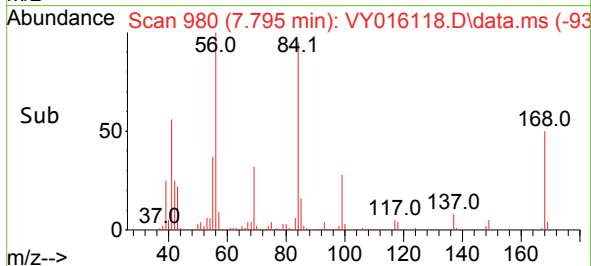
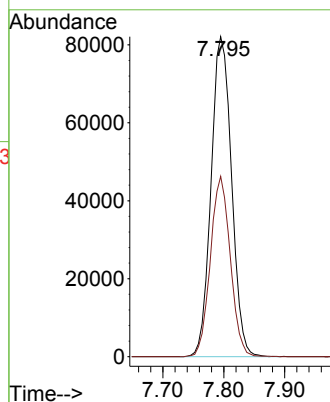
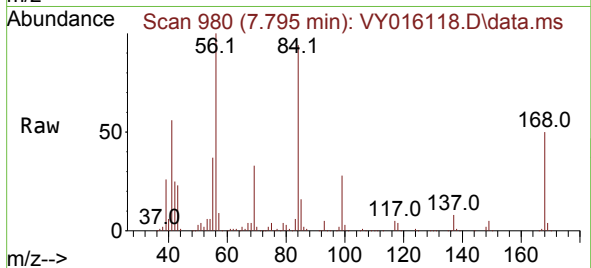




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016118.D
Acq: 27 Oct 2023 20:51

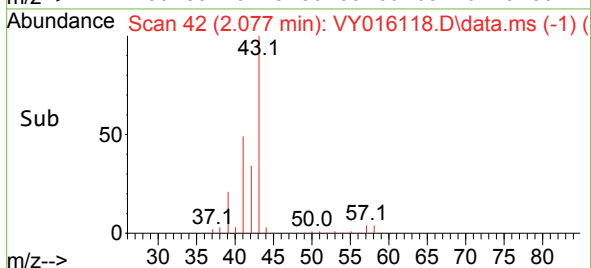
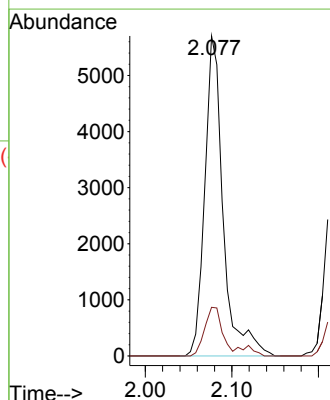
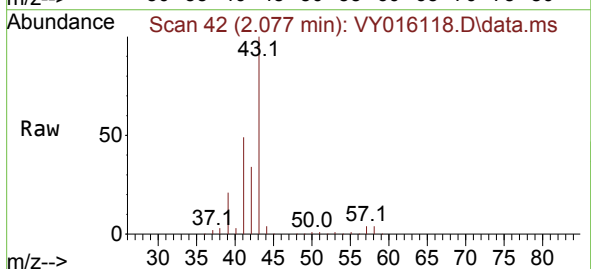
Instrument :
MSVOA_Y
ClientSampleId :

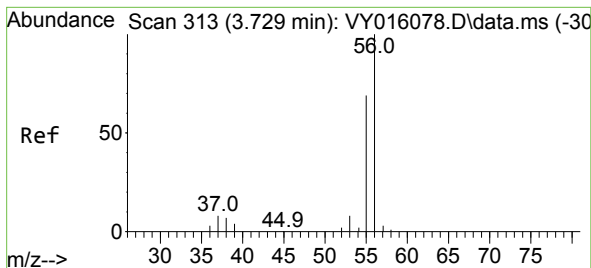
Tgt Ion:168 Resp: 191558
Ion Ratio Lower Upper
168 100
99 56.3 43.4 65.0



#3
Chloromethane
Concen: 5.185 ug/l
RT: 2.077 min Scan# 42
Delta R.T. -0.037 min
Lab File: VY016118.D
Acq: 27 Oct 2023 20:51

Tgt Ion: 50 Resp: 8400
Ion Ratio Lower Upper
50 100
52 15.2 25.4 38.2#





#13

Acrolein

Concen: 12.768 ug/l

RT: 3.698 min Scan# 30

Delta R.T. -0.031 min

Lab File: VY016118.D

Acq: 27 Oct 2023 20:51

Instrument :

MSVOA_Y

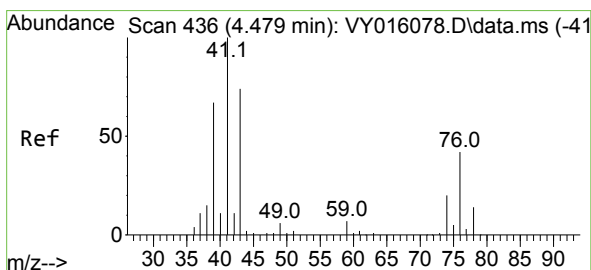
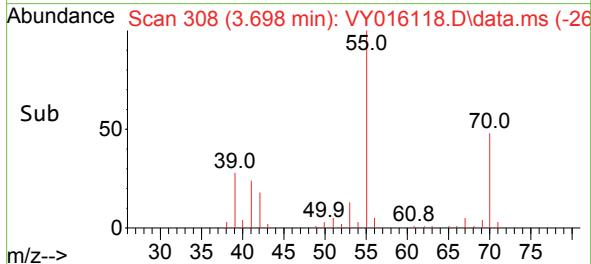
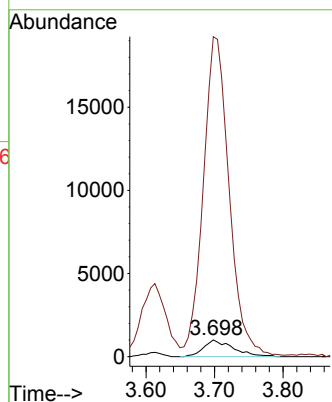
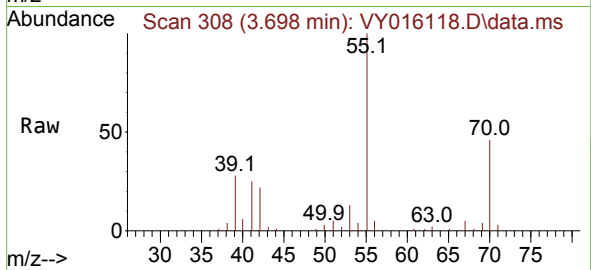
ClientSampleId :

Tgt Ion: 56 Resp: 3029

Ion Ratio Lower Upper

56 100

55 1654.0 57.0 85.4#



#14

Allyl chloride

Concen: 1.754 ug/l

RT: 4.607 min Scan# 457

Delta R.T. 0.128 min

Lab File: VY016118.D

Acq: 27 Oct 2023 20:51

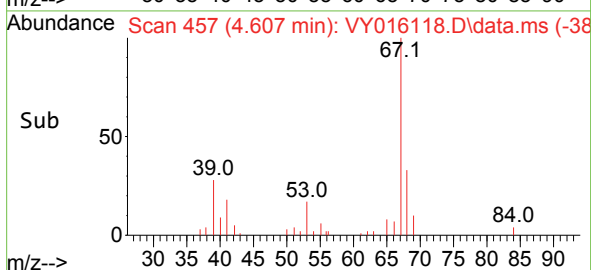
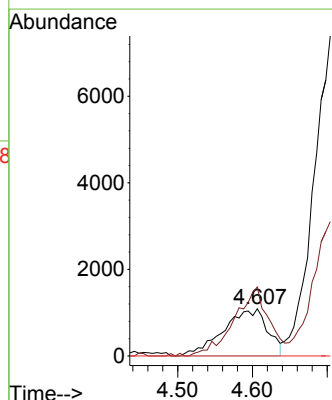
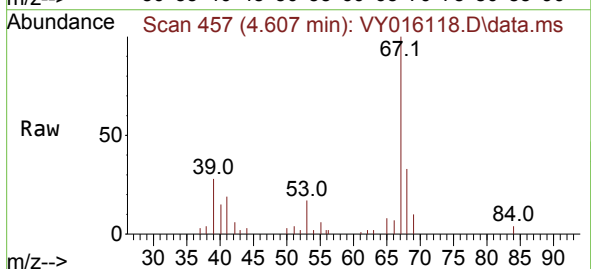
Tgt Ion: 41 Resp: 4488

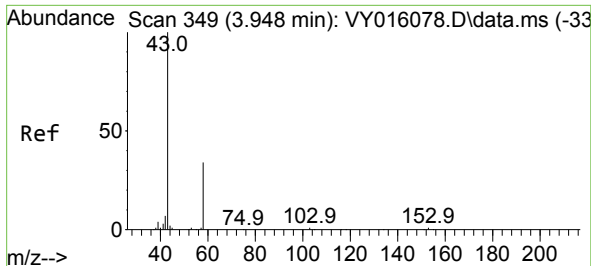
Ion Ratio Lower Upper

41 100

39 113.8 58.0 87.0#

76 0.0 27.4 41.2#

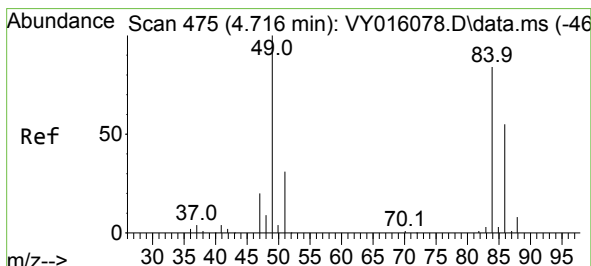
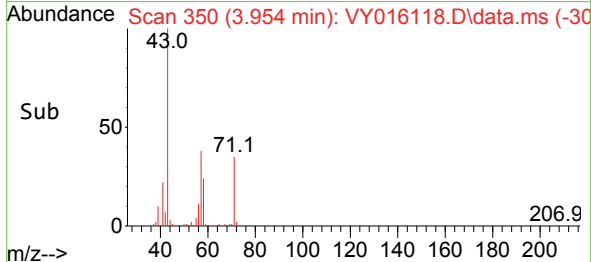
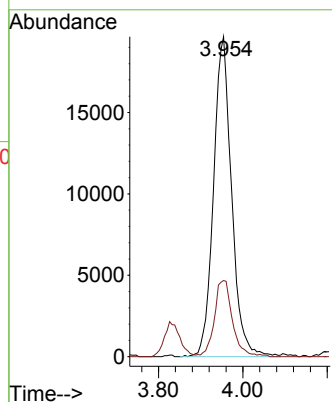
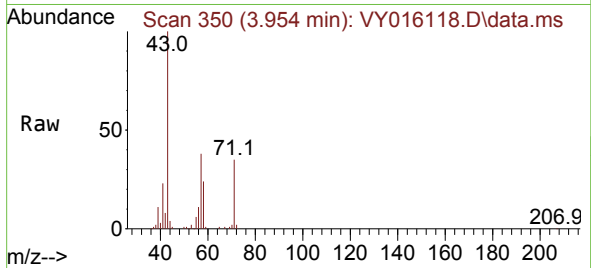




#16
Acetone
Concen: 113.143 ug/l
RT: 3.954 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY016118.D
Acq: 27 Oct 2023 20:51

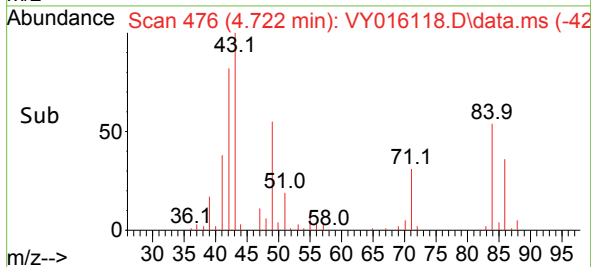
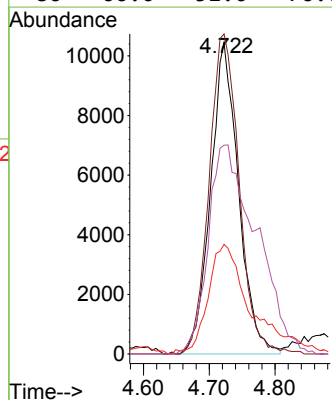
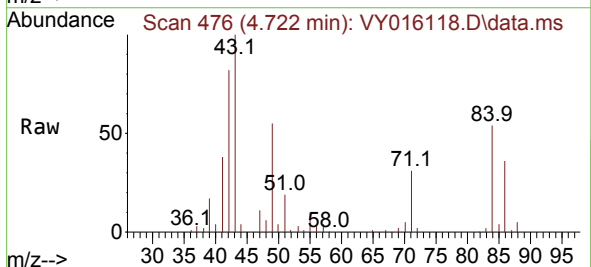
Instrument :
MSVOA_Y
ClientSampleId :

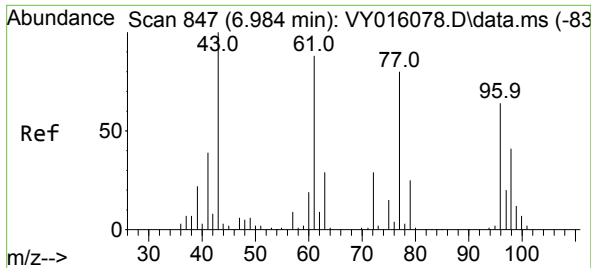
Tgt Ion: 43 Resp: 58414
Ion Ratio Lower Upper
43 100
58 23.8 22.7 34.1



#20
Methylene Chloride
Concen: 10.841 ug/l
RT: 4.722 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY016118.D
Acq: 27 Oct 2023 20:51

Tgt Ion: 84 Resp: 30975
Ion Ratio Lower Upper
84 100
49 102.7 106.9 160.3#
51 34.3 33.2 49.8
86 66.0 51.0 76.6

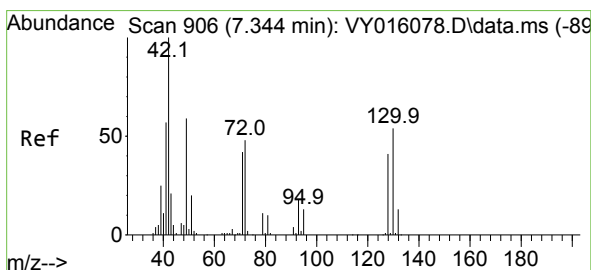
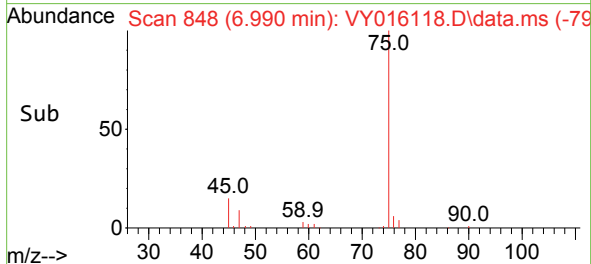
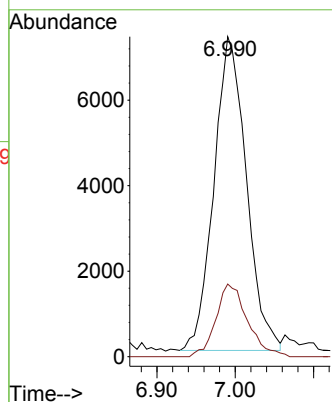
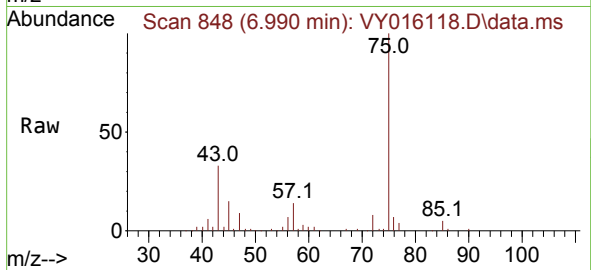




#25
2-Butanone
Concen: 30.336 ug/l
RT: 6.990 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY016118.D
Acq: 27 Oct 2023 20:51

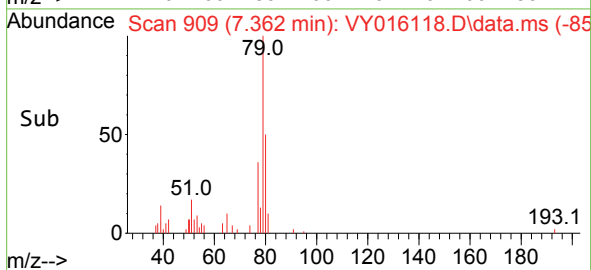
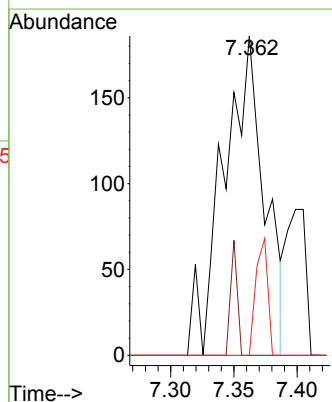
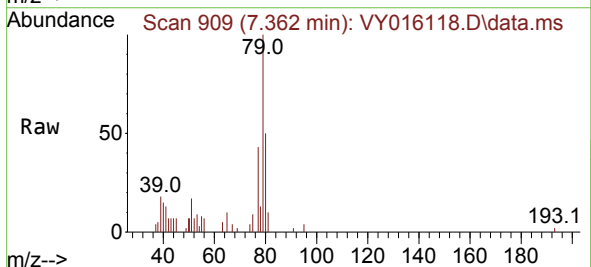
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MSVOA_Y
ClientSampleId :

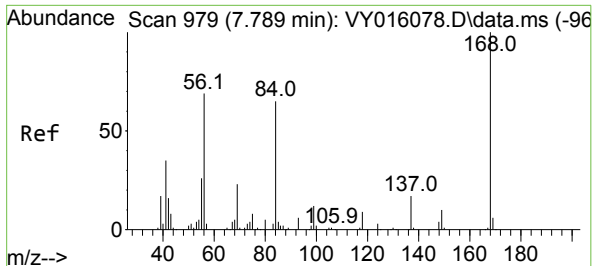
Tgt Ion: 43 Resp: 21138
Ion Ratio Lower Upper
43 100
72 23.1 20.5 30.7



#29
Tetrahydrofuran
Concen: 1.051 ug/l
RT: 7.362 min Scan# 909
Delta R.T. 0.018 min
Lab File: VY016118.D
Acq: 27 Oct 2023 20:51

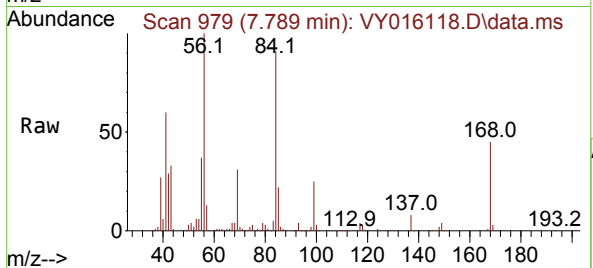
Tgt Ion: 42 Resp: 420
Ion Ratio Lower Upper
42 100
72 0.0 32.8 49.2#
71 0.0 31.0 46.4#



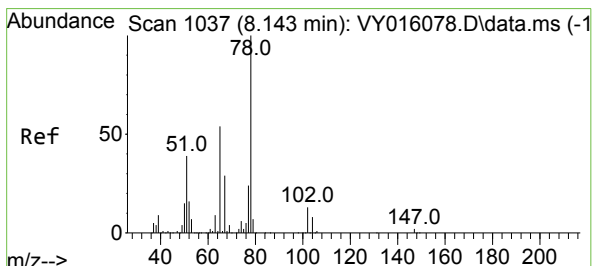
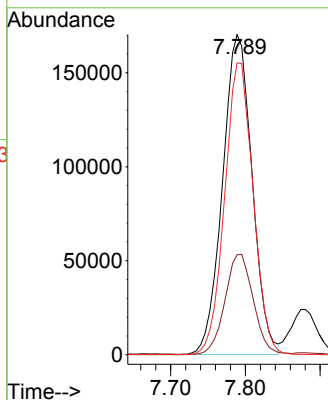
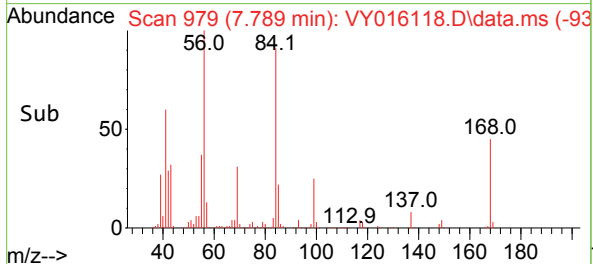


#31
Cyclohexane
Concen: 156.343 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY016118.D
Acq: 27 Oct 2023 20:51

Instrument :
MSVOA_Y
ClientSampleId :

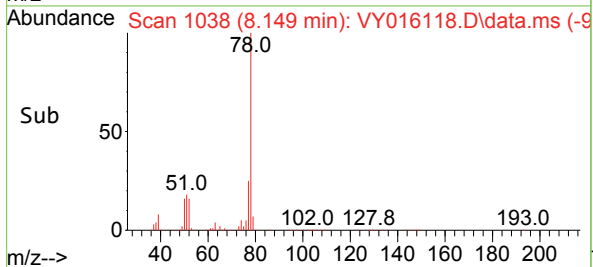
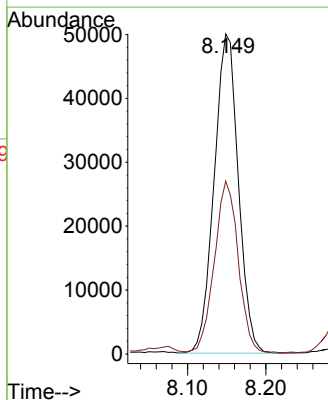
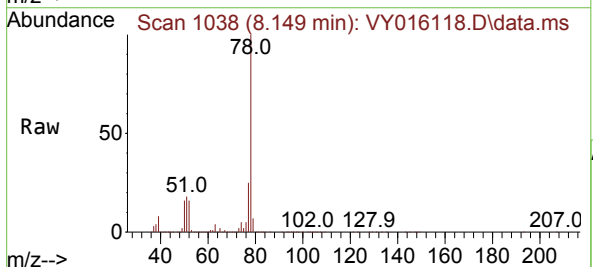


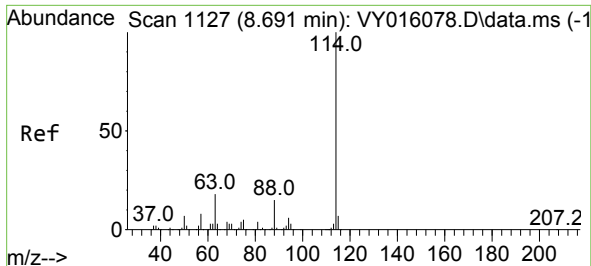
Tgt Ion: 56 Resp: 468500
Ion Ratio Lower Upper
56 100
69 31.1 27.8 41.6
84 91.2 66.4 99.6



#33
1,2-Dichloroethane-d4
Concen: 56.377 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VY016118.D
Acq: 27 Oct 2023 20:51

Tgt Ion: 65 Resp: 107386
Ion Ratio Lower Upper
65 100
67 52.8 0.0 101.8

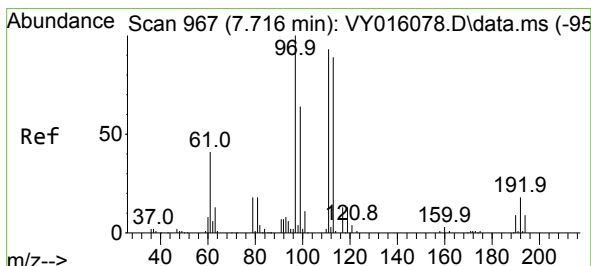
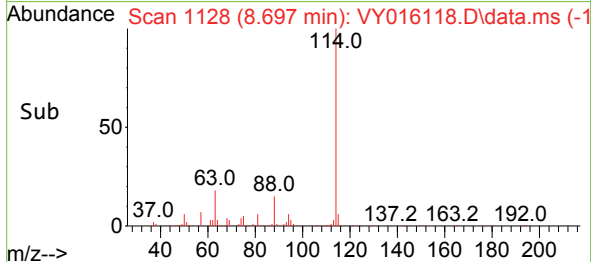
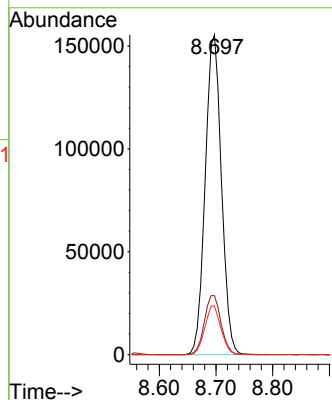
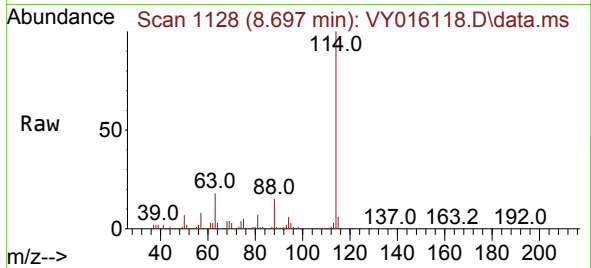




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VY016118.D
Acq: 27 Oct 2023 20:51

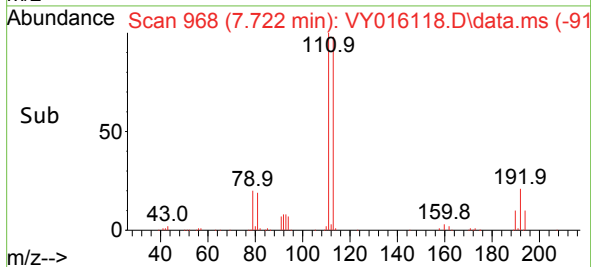
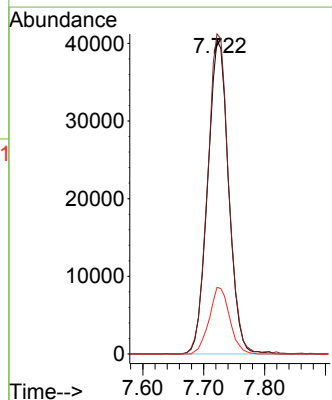
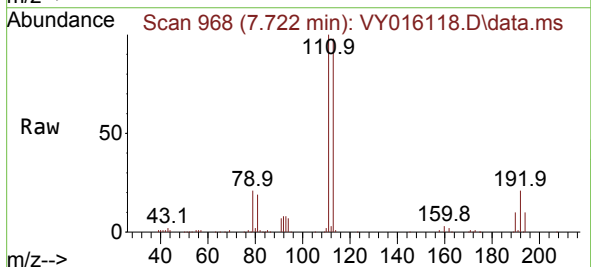
Instrument :
MSVOA_Y
ClientSampleId :

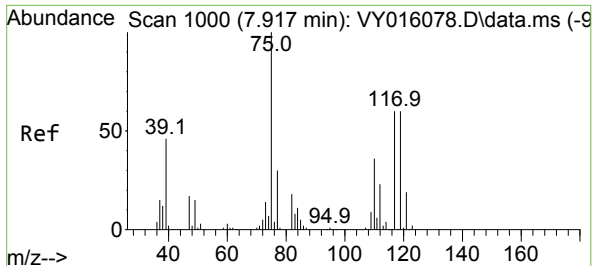
Tgt Ion:114 Resp: 308515
Ion Ratio Lower Upper
114 100
63 18.5 0.0 42.4
88 15.2 0.0 30.6



#35
Dibromofluoromethane
Concen: 49.456 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY016118.D
Acq: 27 Oct 2023 20:51

Tgt Ion:113 Resp: 96323
Ion Ratio Lower Upper
113 100
111 102.8 81.3 121.9
192 20.8 16.9 25.3

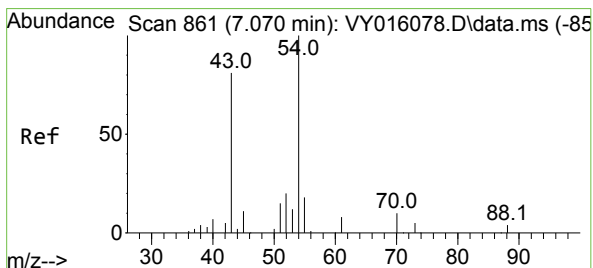
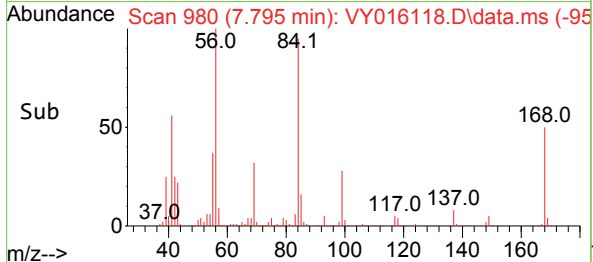
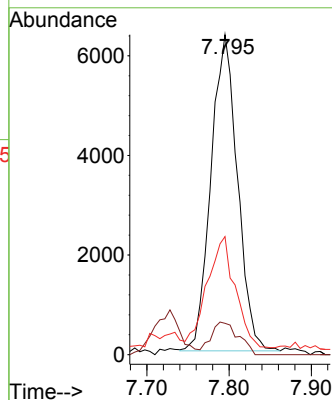
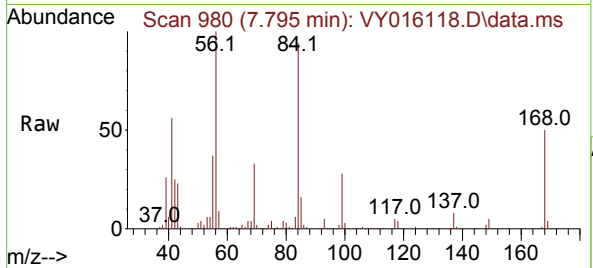




#36
1,1-Dichloropropene
Concen: 5.242 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY016118.D
Acq: 27 Oct 2023 20:51

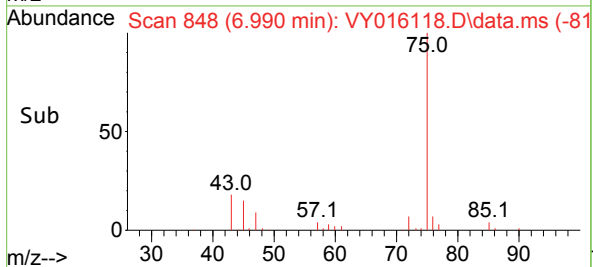
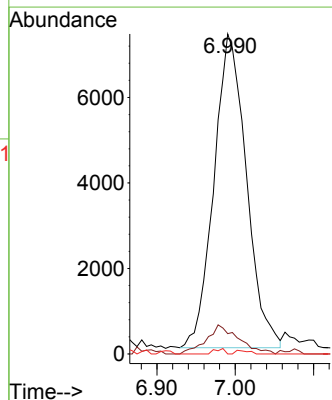
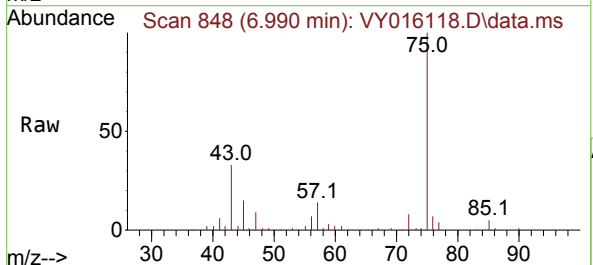
Instrument :
MSVOA_Y
ClientSampleId :

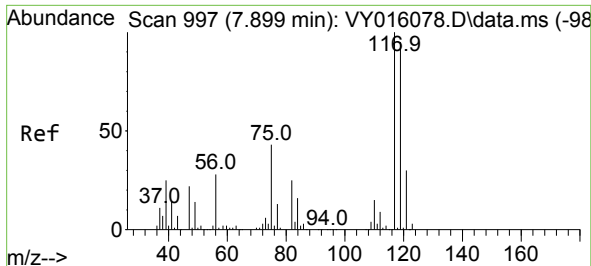
Tgt Ion: 75 Resp: 14231
Ion Ratio Lower Upper
75 100
110 10.6 17.8 53.5#
77 0.0 24.4 36.6#



#37
Ethyl Acetate
Concen: 15.190 ug/l
RT: 6.990 min Scan# 848
Delta R.T. -0.079 min
Lab File: VY016118.D
Acq: 27 Oct 2023 20:51

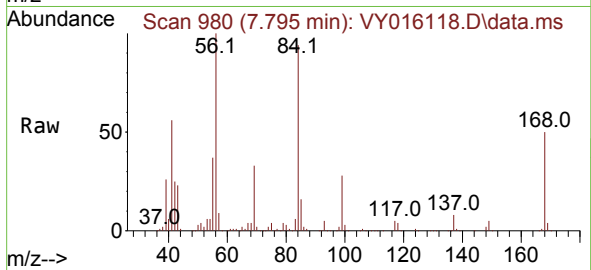
Tgt Ion: 43 Resp: 21138
Ion Ratio Lower Upper
43 100
61 9.2 10.1 15.1#
70 0.0 7.1 10.7#



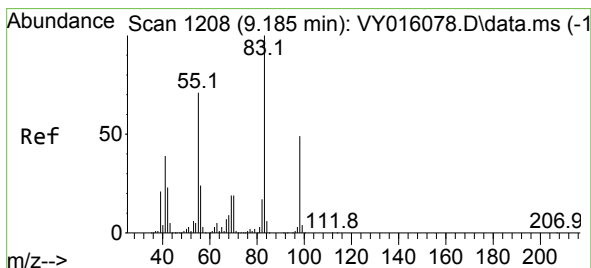
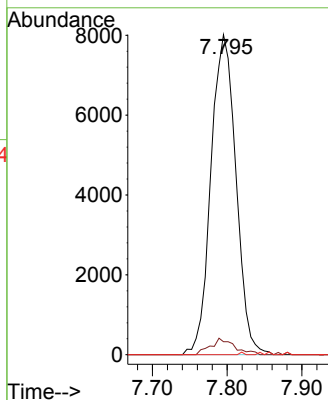
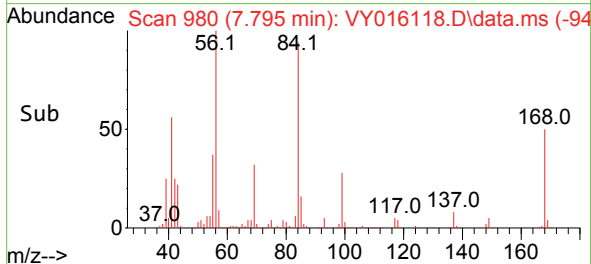


#38
Carbon Tetrachloride
Concen: 6.500 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY016118.D
Acq: 27 Oct 2023 20:51

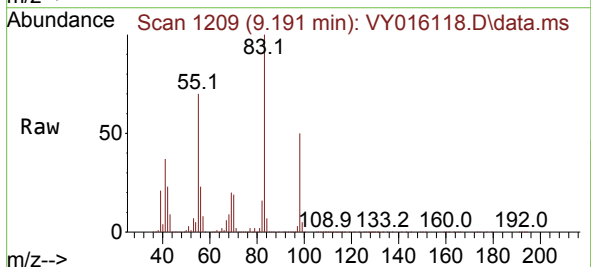
Instrument :
MSVOA_Y
ClientSampleId :



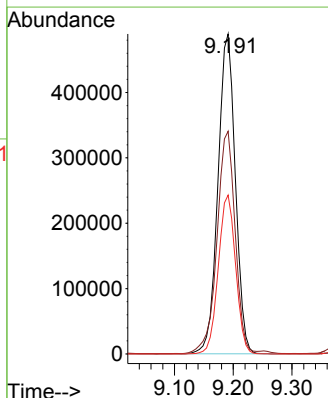
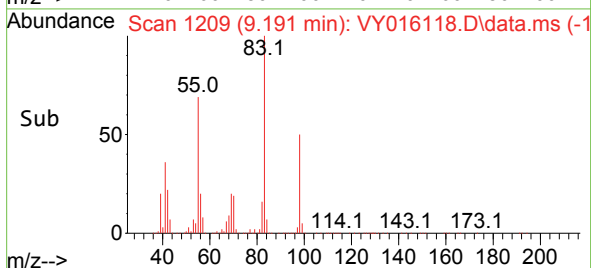
Tgt Ion:117 Resp: 18660
Ion Ratio Lower Upper
117 100
119 4.1 76.4 114.6#
121 0.0 25.8 38.6#

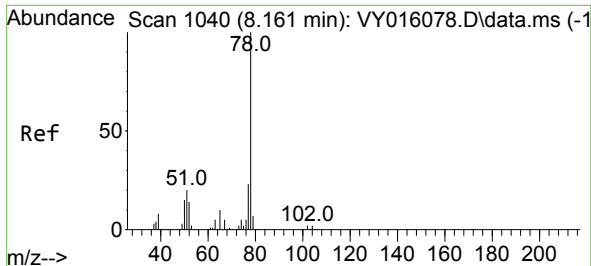


#39
Methylcyclohexane
Concen: 304.251 ug/l
RT: 9.191 min Scan# 1209
Delta R.T. 0.006 min
Lab File: VY016118.D
Acq: 27 Oct 2023 20:51



Tgt Ion: 83 Resp: 1006273
Ion Ratio Lower Upper
83 100
55 69.5 63.0 94.4
98 49.7 37.4 56.2

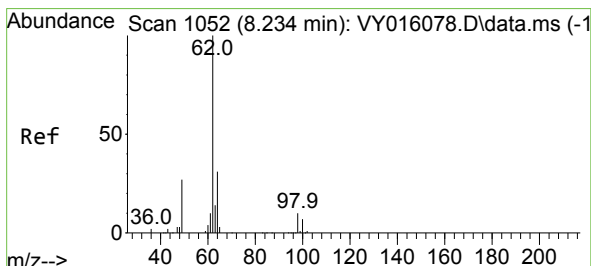
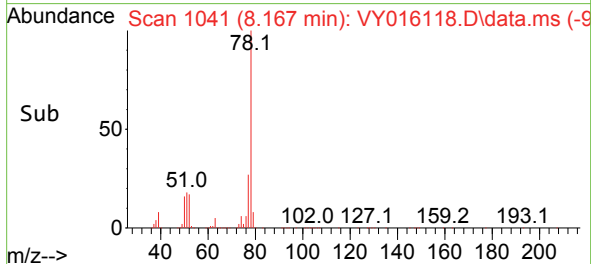
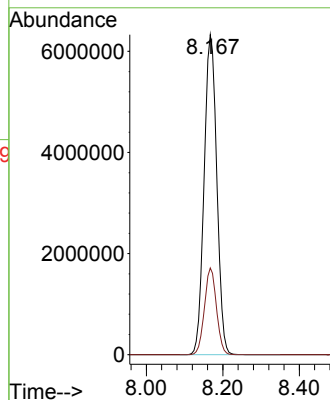
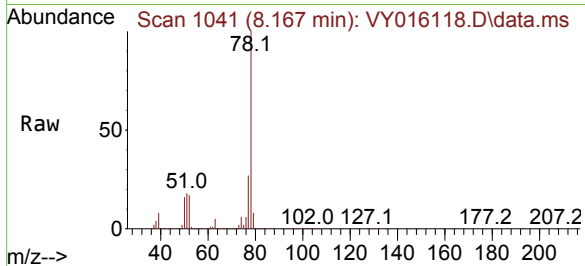




#40
Benzene
Concen: 1891.228 ug/l
RT: 8.167 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY016118.D
Acq: 27 Oct 2023 20:51

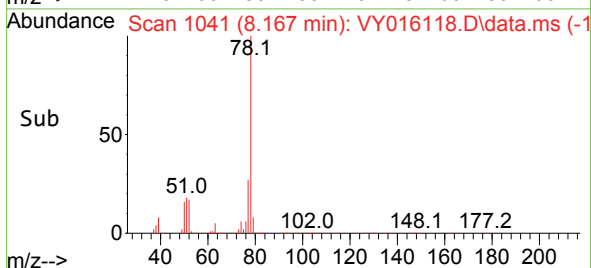
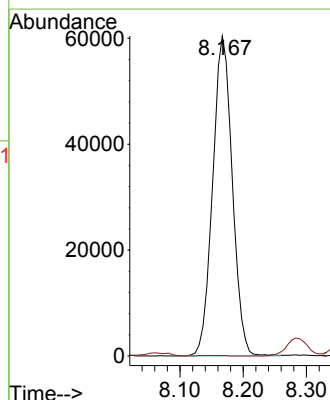
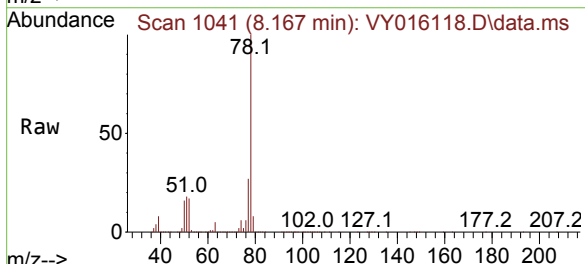
Instrument :
MSVOA_Y
ClientSampleId :

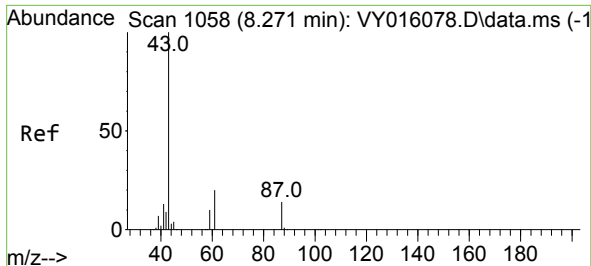
Tgt Ion: 78 Resp:14536717
Ion Ratio Lower Upper
78 100
77 27.1 19.0 28.6



#42
1,2-Dichloroethane
Concen: 58.562 ug/l
RT: 8.167 min Scan# 1041
Delta R.T. -0.067 min
Lab File: VY016118.D
Acq: 27 Oct 2023 20:51

Tgt Ion: 62 Resp: 130066
Ion Ratio Lower Upper
62 100
98 0.0 0.0 15.8

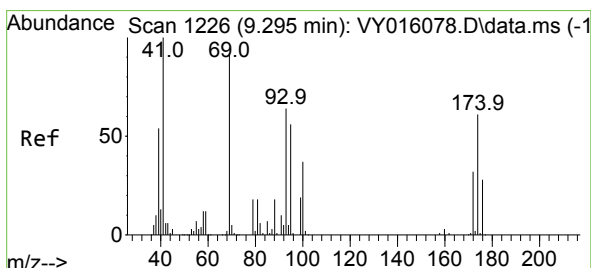
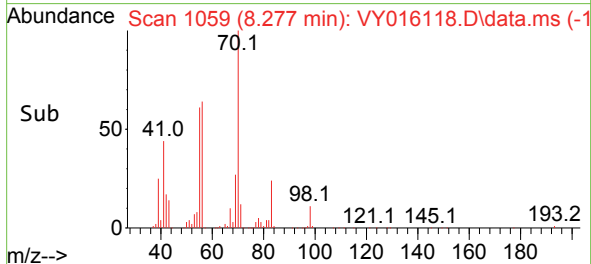
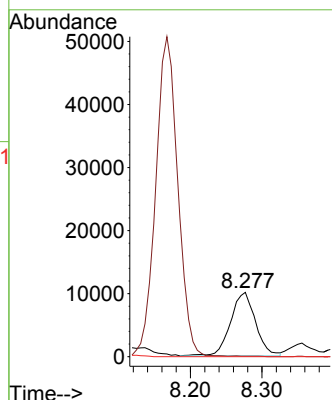
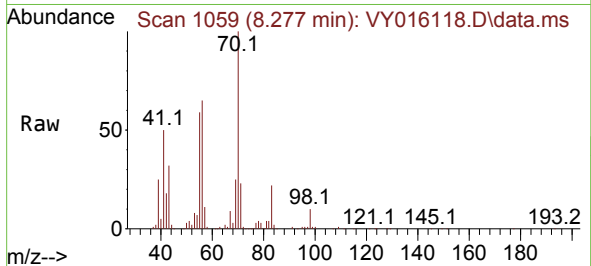




#43
Isopropyl Acetate
Concen: 9.375 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. 0.006 min
Lab File: VY016118.D
Acq: 27 Oct 2023 20:51

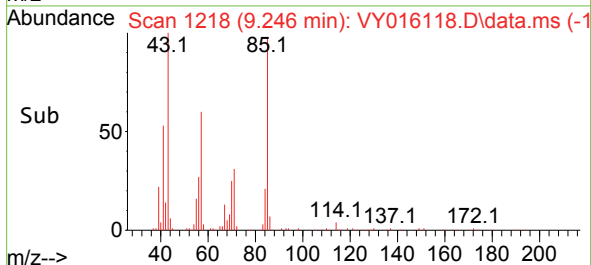
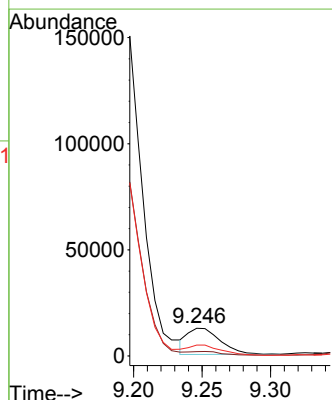
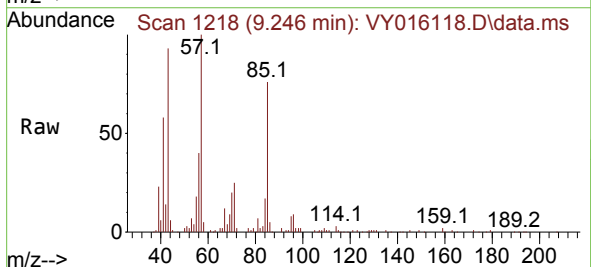
Instrument :
MSVOA_Y
ClientSampleId :

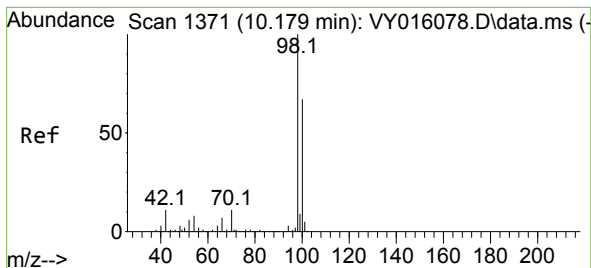
Tgt Ion: 43 Resp: 24391
Ion Ratio Lower Upper
43 100
61 0.0 21.1 31.7#
87 0.0 9.8 14.8#



#48
Methyl methacrylate
Concen: 17.118 ug/l
RT: 9.246 min Scan# 1218
Delta R.T. -0.049 min
Lab File: VY016118.D
Acq: 27 Oct 2023 20:51

Tgt Ion: 41 Resp: 20519
Ion Ratio Lower Upper
41 100
69 0.0 64.5 96.7#
39 39.7 50.8 76.2#

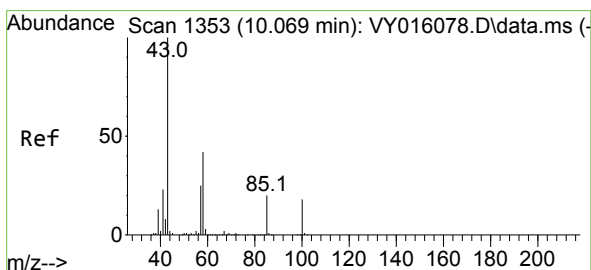
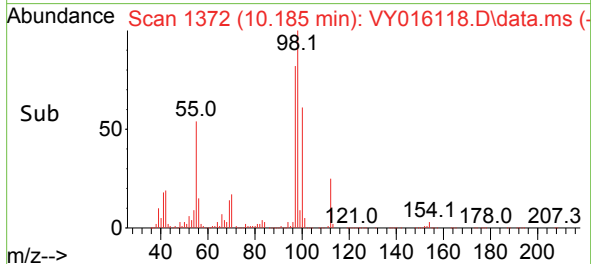
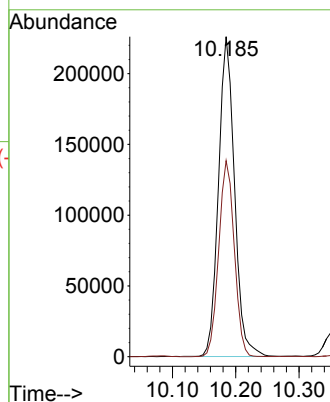
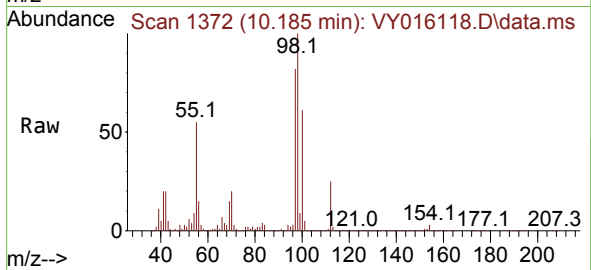




#50
Toluene-d8
Concen: 54.927 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.006 min
Lab File: VY016118.D
Acq: 27 Oct 2023 20:51

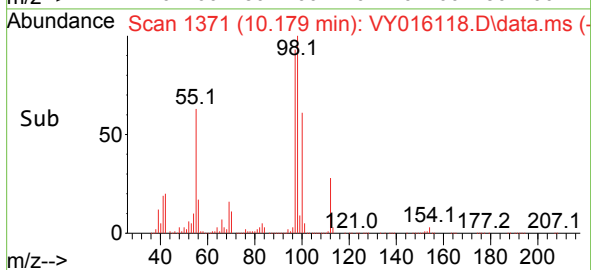
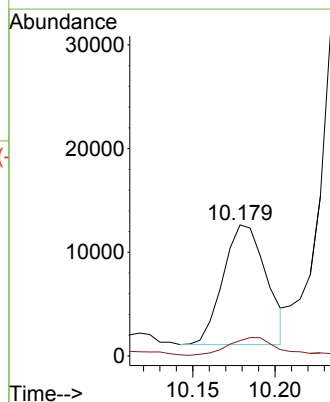
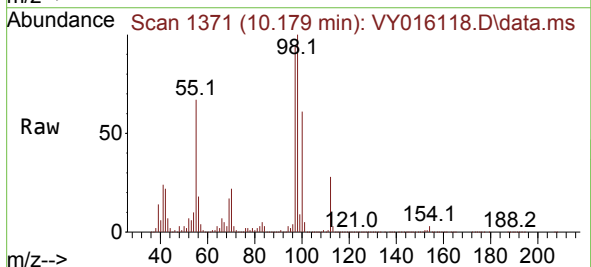
Instrument :
MSVOA_Y
ClientSampleId :

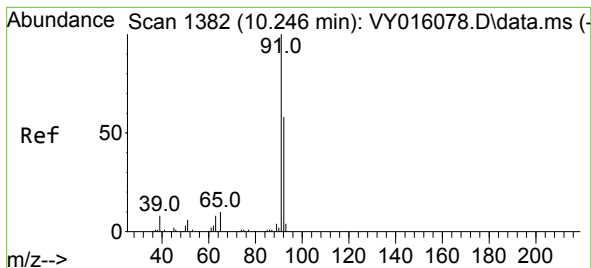
Tgt Ion: 98 Resp: 396265
Ion Ratio Lower Upper
98 100
100 59.4 50.1 75.1



#51
4-Methyl-2-Pentanone
Concen: 15.377 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.110 min
Lab File: VY016118.D
Acq: 27 Oct 2023 20:51

Tgt Ion: 43 Resp: 21111
Ion Ratio Lower Upper
43 100
58 17.6 29.0 43.6#





#52

Toluene

Concen: 2291.607 ug/l

RT: 10.252 min Scan# 1383

Delta R.T. 0.006 min

Lab File: VY016118.D

Acq: 27 Oct 2023 20:51

Instrument :

MSVOA_Y

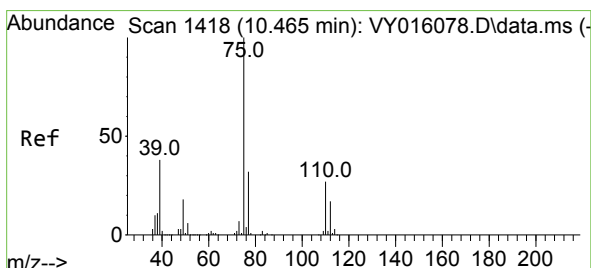
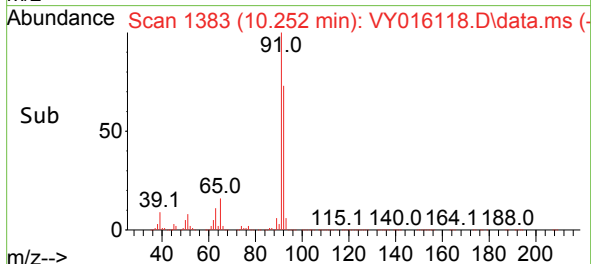
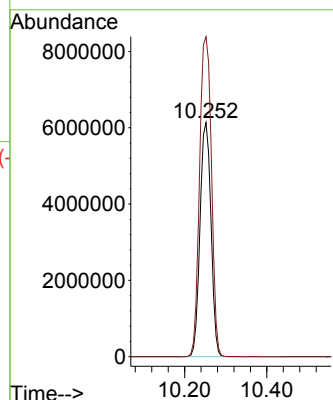
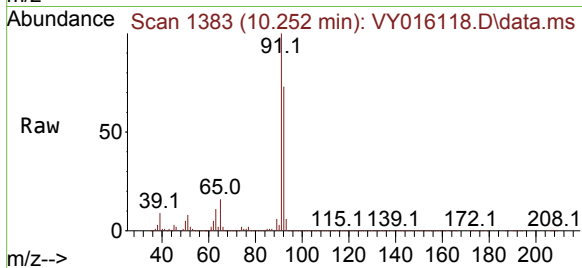
ClientSampleId :

Tgt Ion: 92 Resp:11310845

Ion Ratio Lower Upper

92 100

91 148.3 143.8 215.6



#53

t-1,3-Dichloropropene

Concen: 51.424 ug/l

RT: 10.252 min Scan# 1383

Delta R.T. -0.213 min

Lab File: VY016118.D

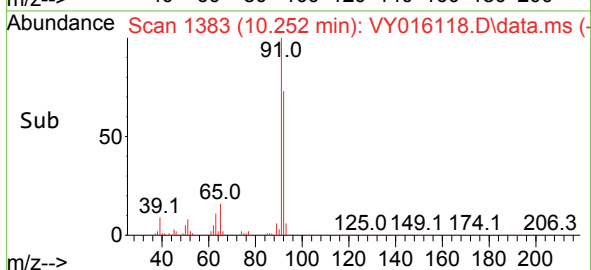
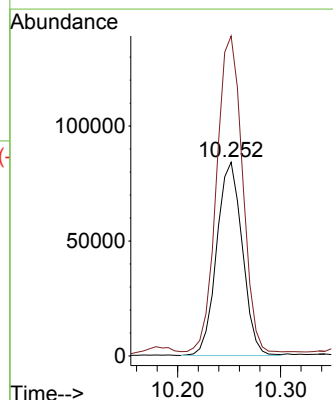
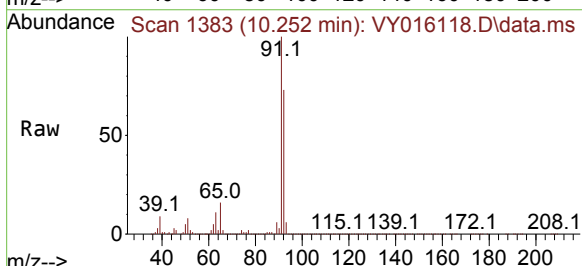
Acq: 27 Oct 2023 20:51

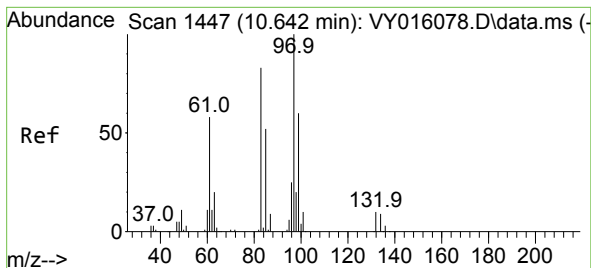
Tgt Ion: 75 Resp: 145064

Ion Ratio Lower Upper

75 100

77 163.4 25.0 37.4#

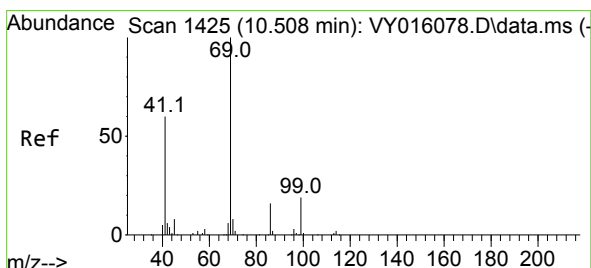
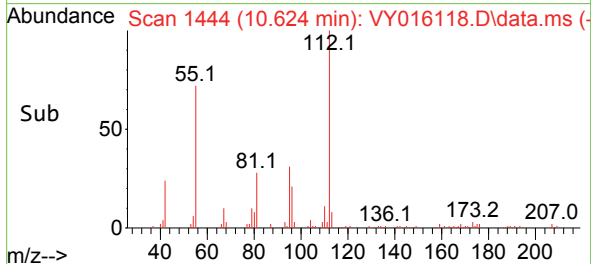
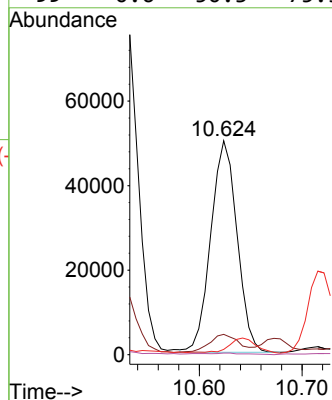
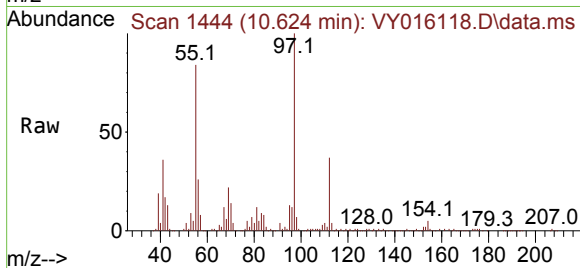




#55
 1,1,2-Trichloroethane
 Concen: 54.753 ug/l
 RT: 10.624 min Scan# 1444
 Delta R.T. -0.018 min
 Lab File: VY016118.D
 Acq: 27 Oct 2023 20:51

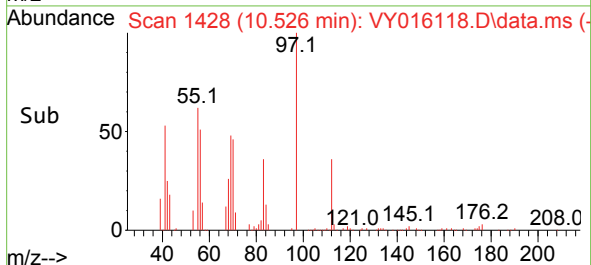
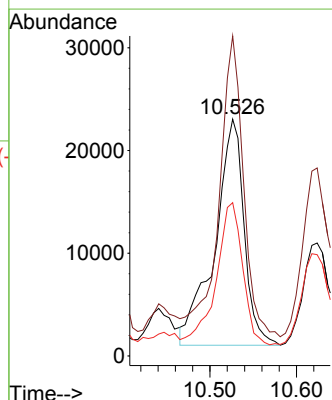
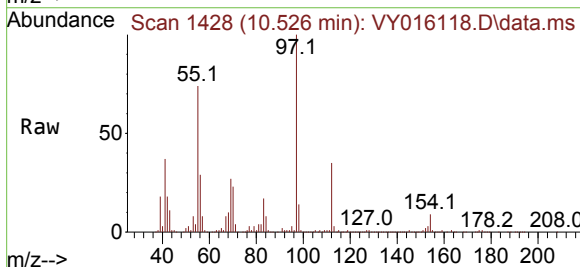
Instrument :
 MSVOA_Y
 ClientSampleId :

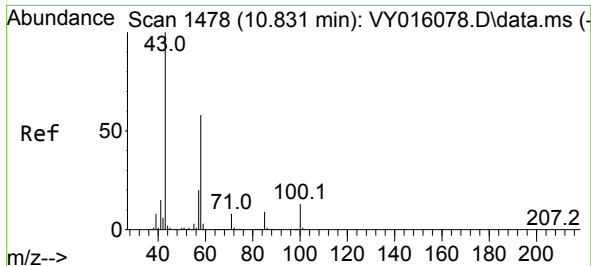
Tgt Ion:	97	Resp:	88737
Ion	Ratio	Lower	Upper
97	100		
83	8.3	72.0	108.0#
85	1.8	45.4	68.0#
99	0.6	50.3	75.5#



#56
 Ethyl methacrylate
 Concen: 24.841 ug/l
 RT: 10.526 min Scan# 1428
 Delta R.T. 0.018 min
 Lab File: VY016118.D
 Acq: 27 Oct 2023 20:51

Tgt Ion:	69	Resp:	51740
Ion	Ratio	Lower	Upper
69	100		
41	111.0	57.6	86.4#
39	0.0	34.1	51.1#

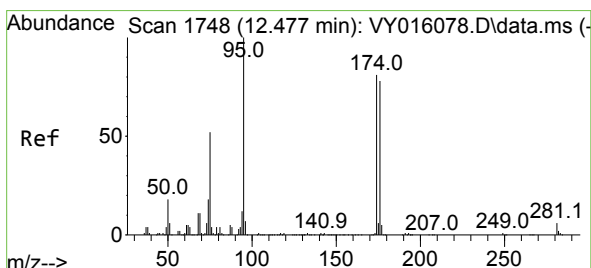
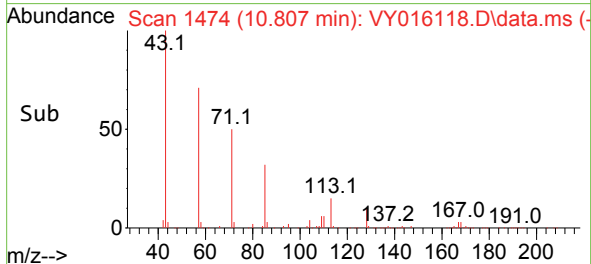
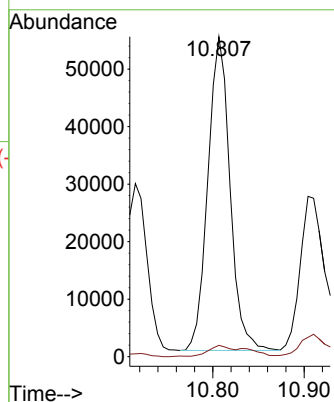
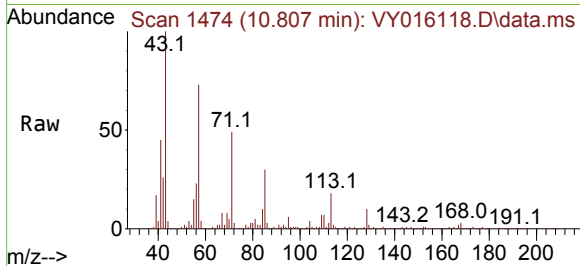




#59
2-Hexanone
Concen: 90.591 ug/l
RT: 10.807 min Scan# 1478
Delta R.T. -0.024 min
Lab File: VY016118.D
Acq: 27 Oct 2023 20:51

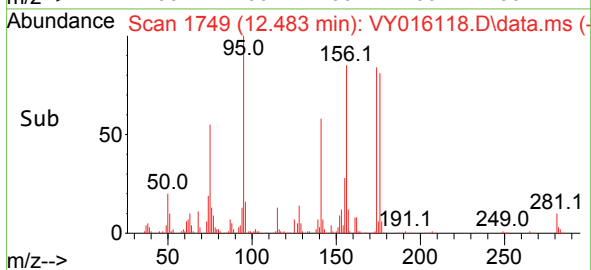
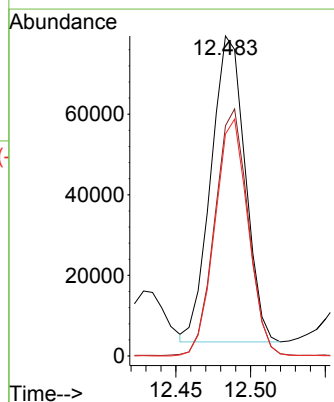
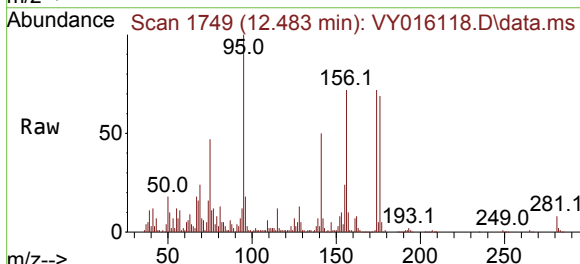
Instrument :
MSVOA_Y
ClientSampleId :

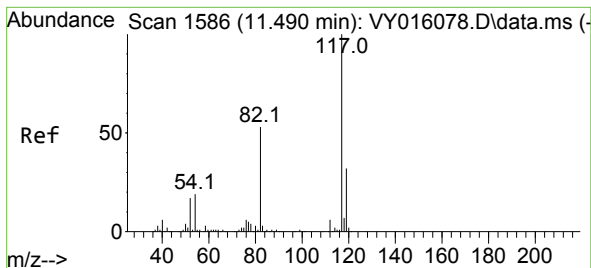
Tgt Ion: 43 Resp: 91616
Ion Ratio Lower Upper
43 100
58 3.9 25.1 75.3#



#62
4-Bromofluorobenzene
Concen: 48.820 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY016118.D
Acq: 27 Oct 2023 20:51

Tgt Ion: 95 Resp: 120815
Ion Ratio Lower Upper
95 100
174 78.3 0.0 178.2
176 75.7 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016118.D

Acq: 27 Oct 2023 20:51

Instrument :

MSVOA_Y

ClientSampleId :

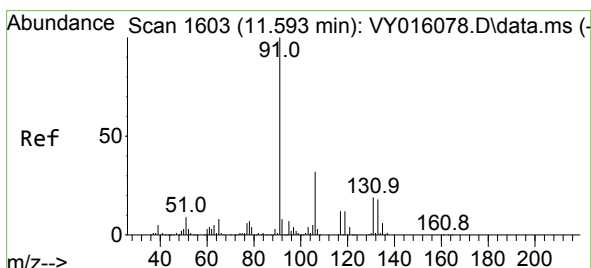
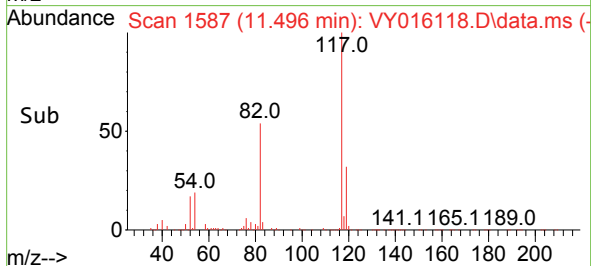
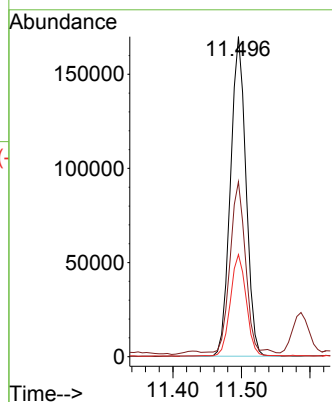
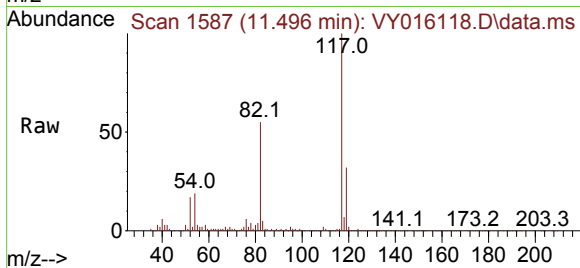
Tgt Ion:117 Resp: 266763

Ion Ratio Lower Upper

117 100

82 53.7 43.4 65.0

119 31.7 26.3 39.5



#67

Ethyl Benzene

Concen: 327.828 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. 0.006 min

Lab File: VY016118.D

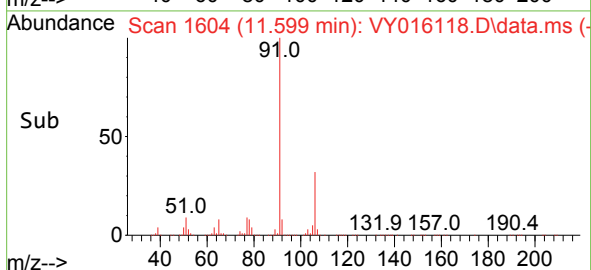
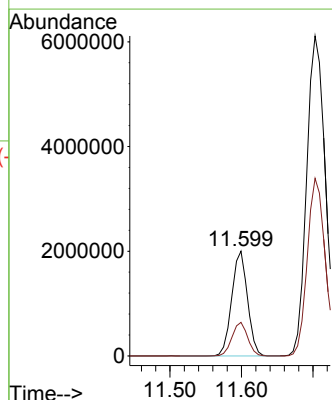
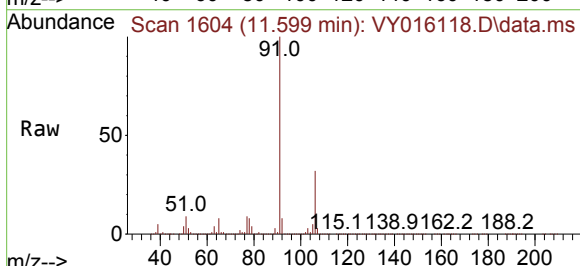
Acq: 27 Oct 2023 20:51

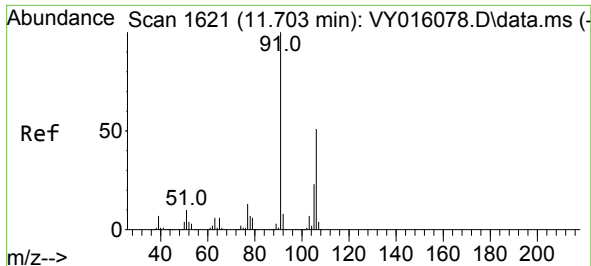
Tgt Ion: 91 Resp: 3052548

Ion Ratio Lower Upper

91 100

106 32.1 24.6 36.8

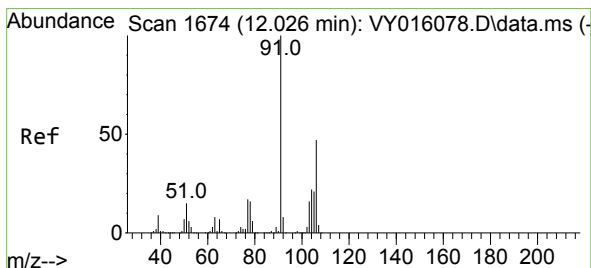
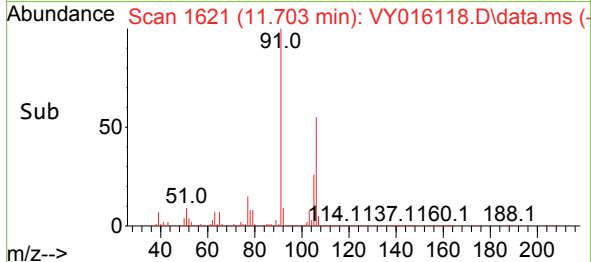
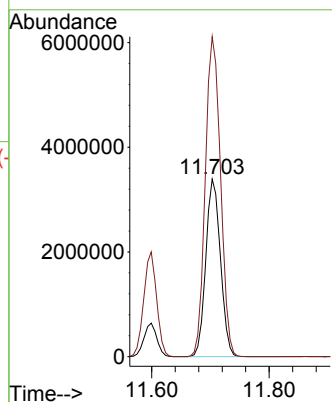
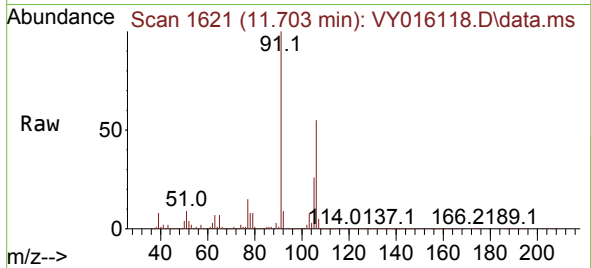




#68
m/p-Xylenes
Concen: 1626.653 ug/l
RT: 11.703 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY016118.D
Acq: 27 Oct 2023 20:51

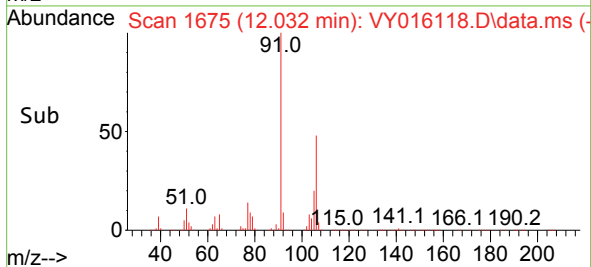
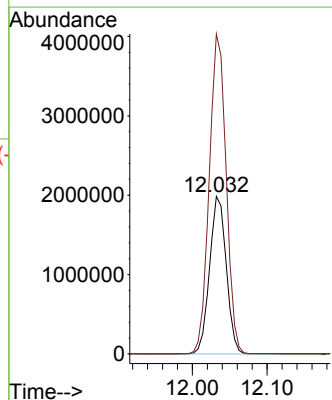
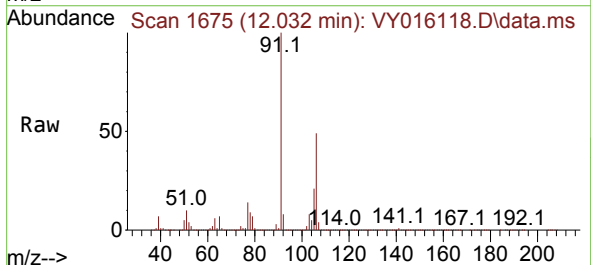
Instrument :
MSVOA_Y
ClientSampleId :

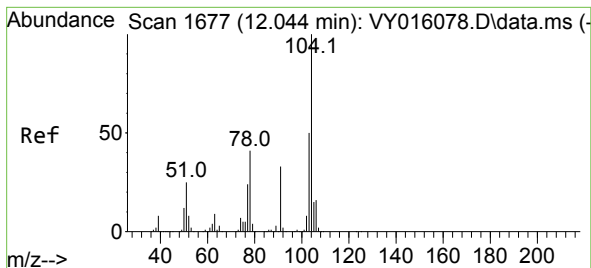
Tgt Ion:106 Resp: 5861535
Ion Ratio Lower Upper
106 100
91 187.6 166.1 249.1



#69
o-Xylene
Concen: 892.702 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VY016118.D
Acq: 27 Oct 2023 20:51

Tgt Ion:106 Resp: 3079601
Ion Ratio Lower Upper
106 100
91 205.6 108.1 324.3





#70

Styrene

Concen: 134.289 ug/l

RT: 12.044 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY016118.D

Acq: 27 Oct 2023 20:51

Instrument :

MSVOA_Y

ClientSampleId :

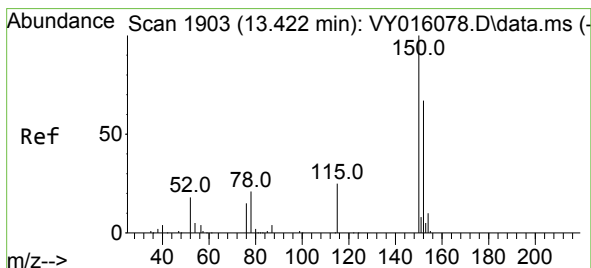
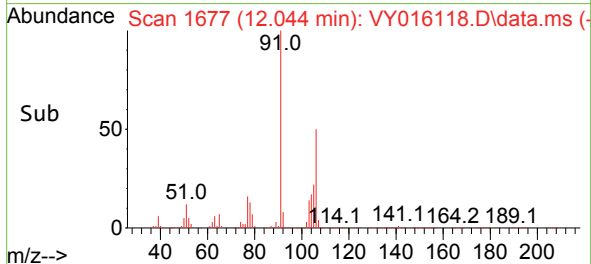
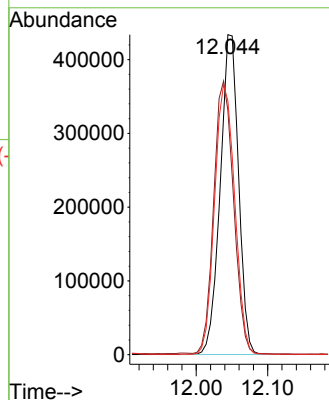
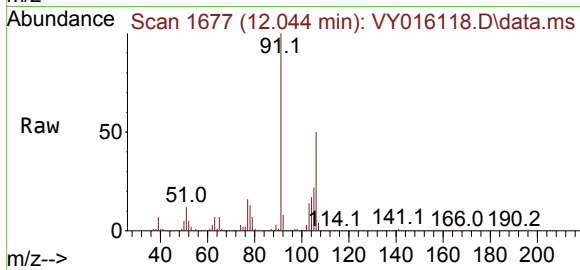
Tgt Ion:104 Resp: 772221

Ion Ratio Lower Upper

104 100

78 92.4 41.5 62.3#

103 92.8 44.6 67.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY016118.D

Acq: 27 Oct 2023 20:51

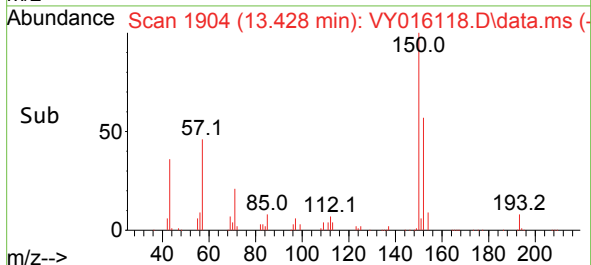
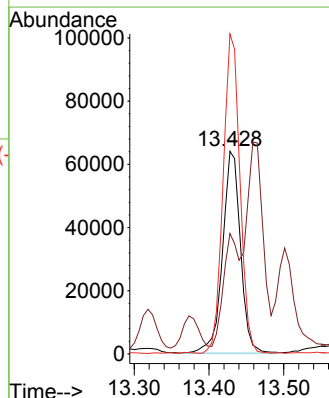
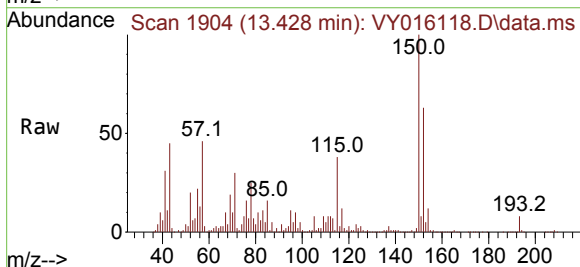
Tgt Ion:152 Resp: 106481

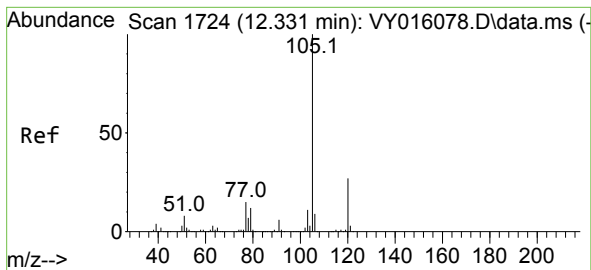
Ion Ratio Lower Upper

152 100

115 47.8 28.8 86.5

150 148.0 0.0 348.8





#73

Isopropylbenzene

Concen: 43.631 ug/l

RT: 12.337 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY016118.D

Acq: 27 Oct 2023 20:51

Instrument :

MSVOA_Y

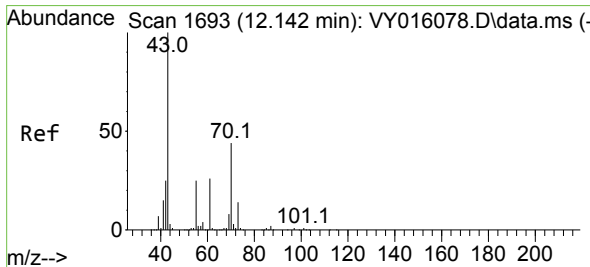
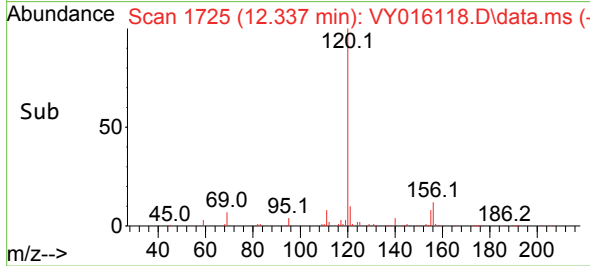
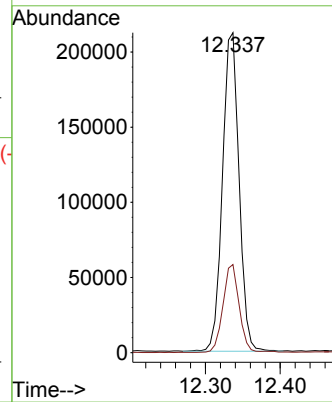
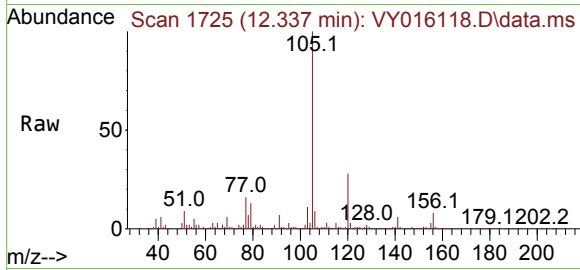
ClientSampleId :

Tgt Ion:105 Resp: 326958

Ion Ratio Lower Upper

105 100

120 27.2 13.3 39.9



#74

N-ethyl acetate

Concen: 29.164 ug/l

RT: 12.130 min Scan# 1691

Delta R.T. -0.012 min

Lab File: VY016118.D

Acq: 27 Oct 2023 20:51

Tgt Ion: 43 Resp: 53289

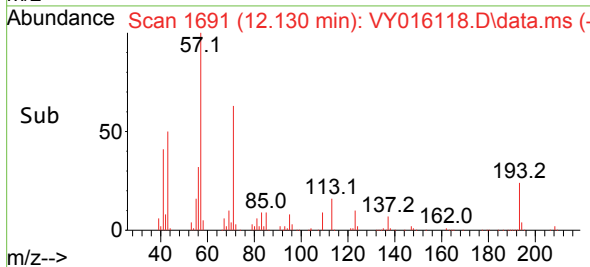
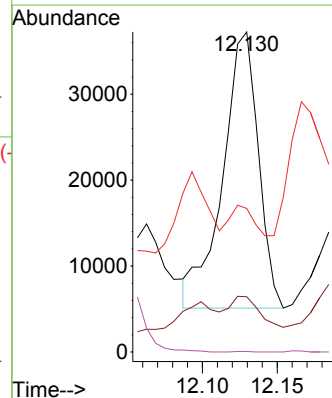
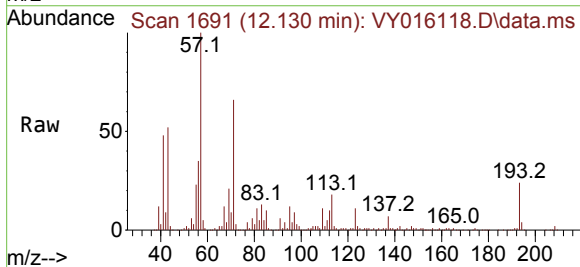
Ion Ratio Lower Upper

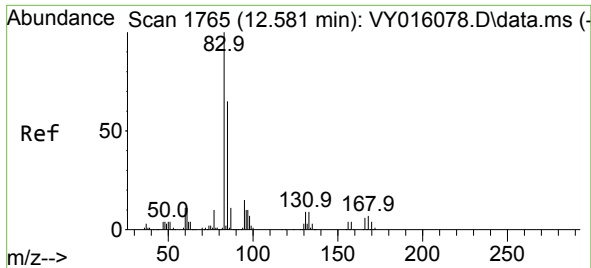
43 100

70 9.0 29.7 44.5#

55 0.0 18.3 27.5#

61 0.0 17.5 26.3#

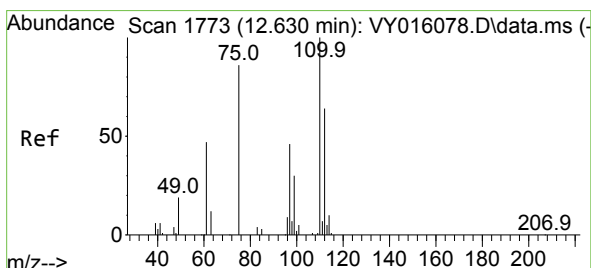
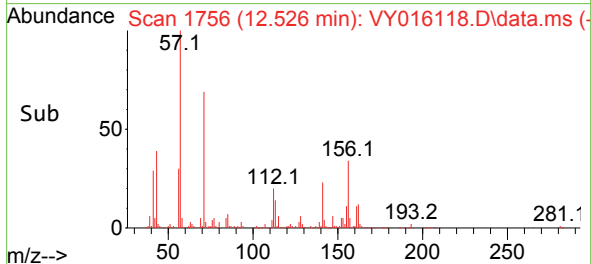
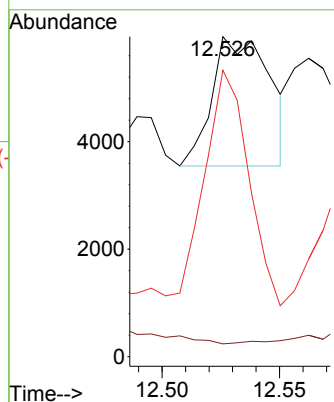
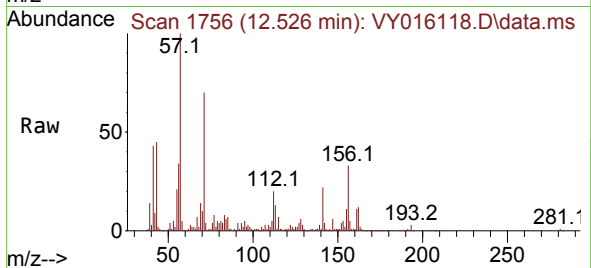




#75
1,1,2,2-Tetrachloroethane
Concen: 2.682 ug/l
RT: 12.526 min Scan# 1780
Delta R.T. -0.055 min
Lab File: VY016118.D
Acq: 27 Oct 2023 20:51

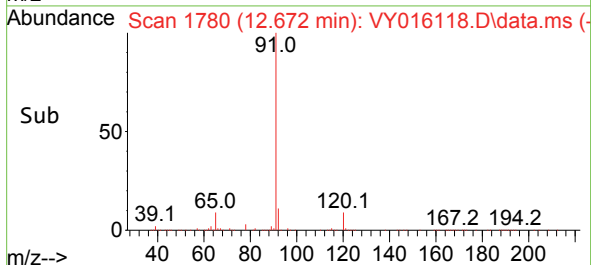
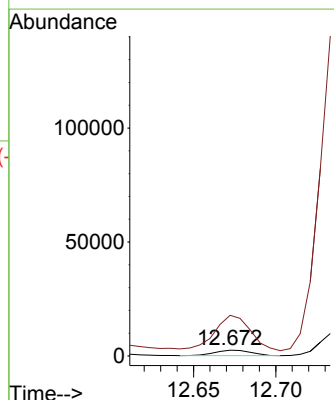
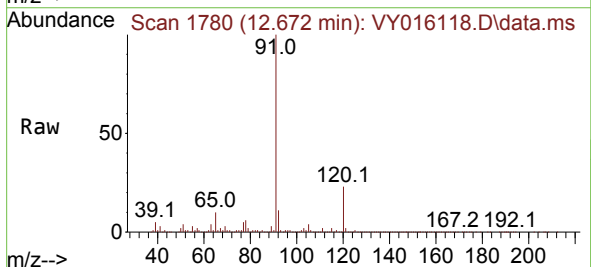
Instrument :
MSVOA_Y
ClientSampleId :

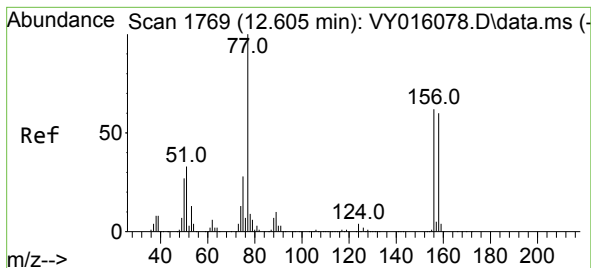
Tgt Ion: 83 Resp: 4108
Ion Ratio Lower Upper
83 100
131 0.0 5.4 16.2#
85 138.7 31.8 95.4#



#76
1,2,3-Trichloropropane
Concen: 3.343 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.043 min
Lab File: VY016118.D
Acq: 27 Oct 2023 20:51

Tgt Ion: 75 Resp: 3634
Ion Ratio Lower Upper
75 100
77 641.4 0.0 0.0#





#77

Bromobenzene

Concen: 397.100 ug/l

RT: 12.422 min Scan# 1769

Delta R.T. -0.183 min

Lab File: VY016118.D

Acq: 27 Oct 2023 20:51

Instrument :

MSVOA_Y

ClientSampleId :

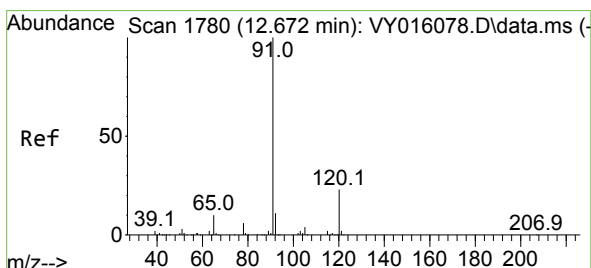
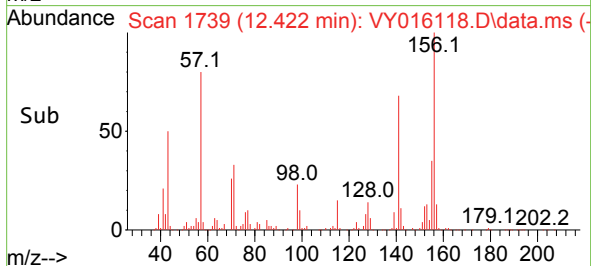
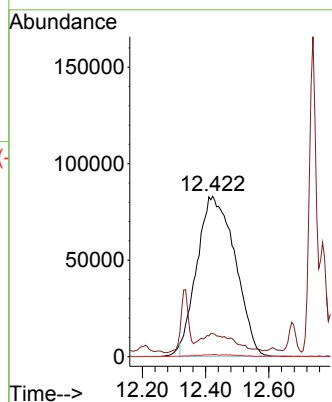
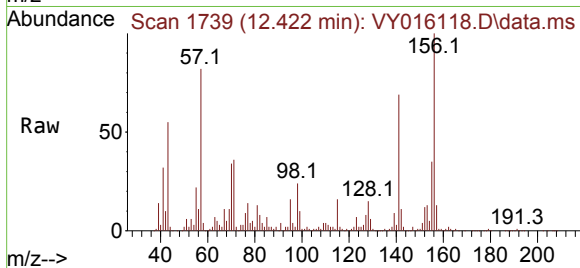
Tgt Ion:156 Resp: 694494

Ion Ratio Lower Upper

156 100

77 8.8 92.8 278.6#

158 0.2 48.4 145.3#



#78

n-propylbenzene

Concen: 67.932 ug/l

RT: 12.678 min Scan# 1781

Delta R.T. 0.006 min

Lab File: VY016118.D

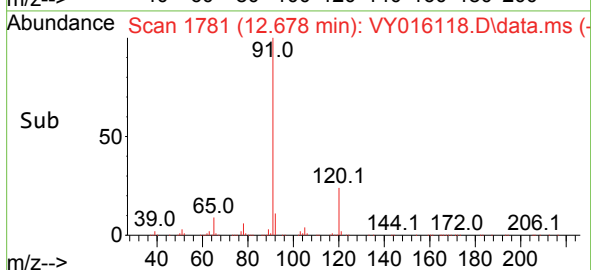
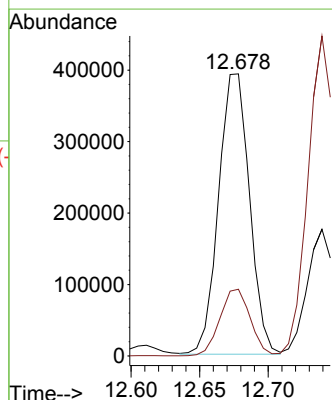
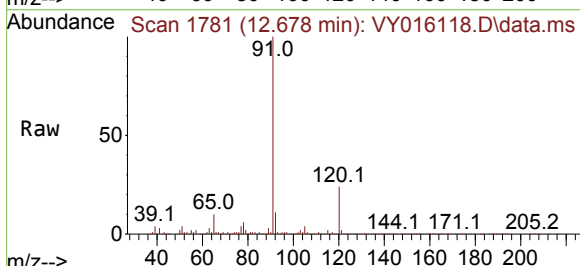
Acq: 27 Oct 2023 20:51

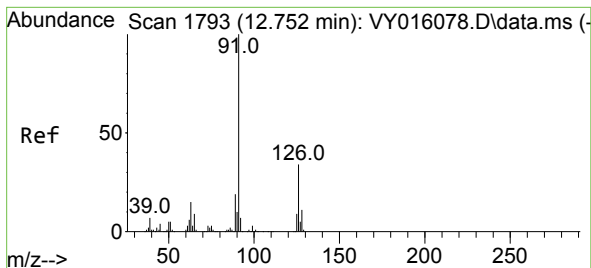
Tgt Ion: 91 Resp: 616383

Ion Ratio Lower Upper

91 100

120 23.3 11.5 34.4





#79

2-Chlorotoluene

Concen: 53.794 ug/l

RT: 12.739 min Scan# 1

Delta R.T. -0.012 min

Lab File: VY016118.D

Acq: 27 Oct 2023 20:51

Instrument :

MSVOA_Y

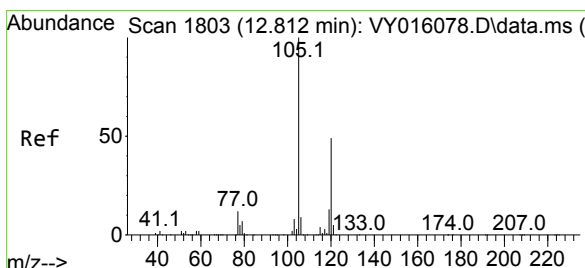
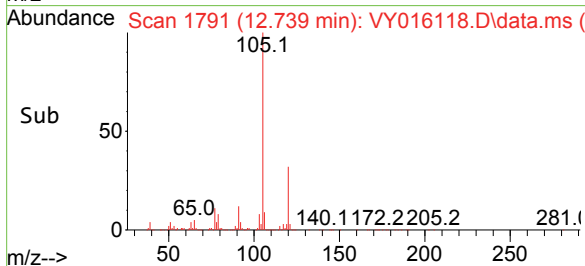
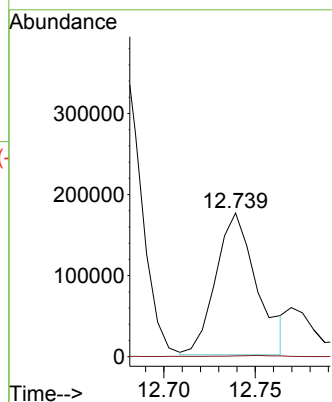
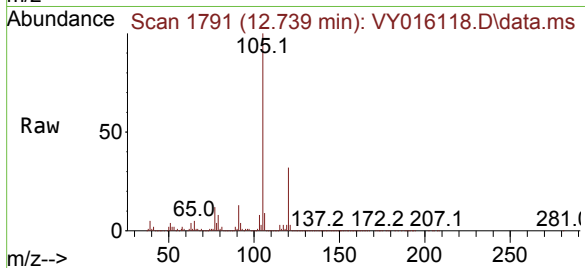
ClientSampleId :

Tgt Ion: 91 Resp: 273366

Ion Ratio Lower Upper

91 100

126 1.0 17.3 51.7#



#80

1,3,5-Trimethylbenzene

Concen: 360.273 ug/l

RT: 12.818 min Scan# 1804

Delta R.T. 0.006 min

Lab File: VY016118.D

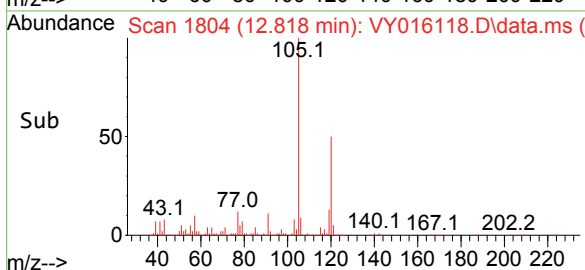
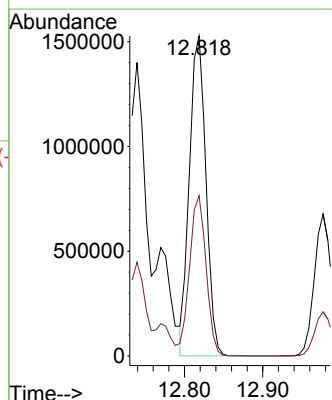
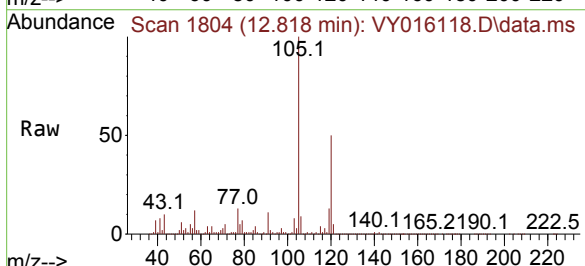
Acq: 27 Oct 2023 20:51

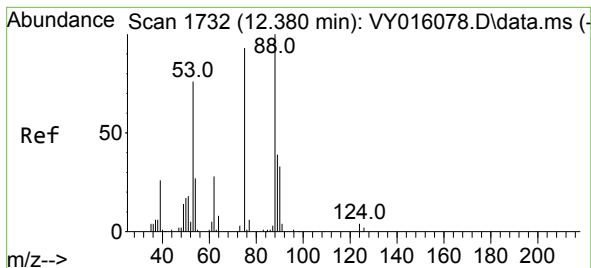
Tgt Ion:105 Resp: 2241509

Ion Ratio Lower Upper

105 100

120 50.7 23.9 71.7

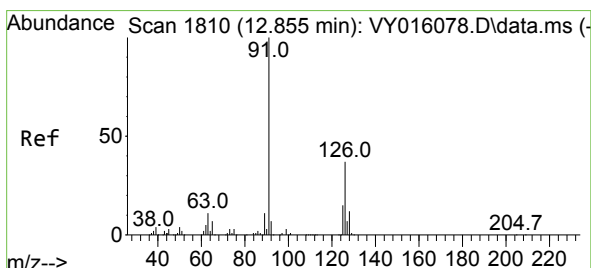
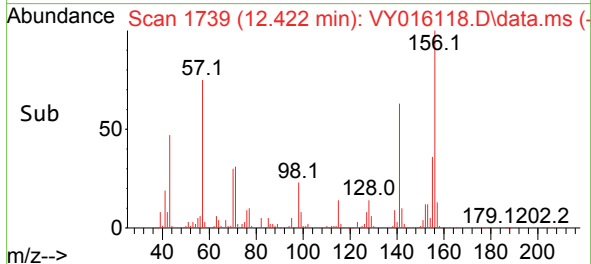
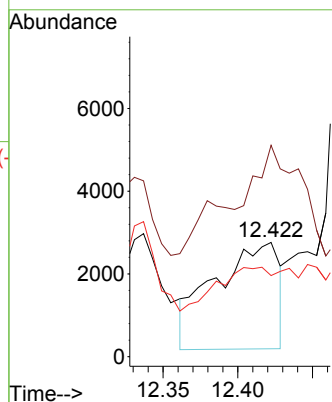
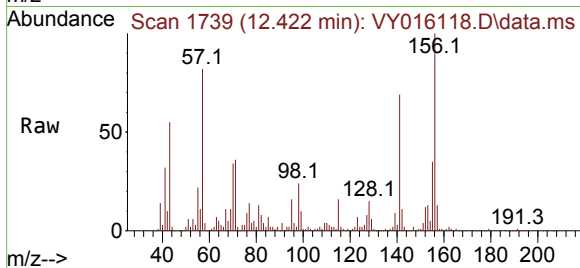




#81
trans-1,4-Dichloro-2-butene
Concen: 15.500 ug/l
RT: 12.422 min Scan# 1739
Delta R.T. 0.043 min
Lab File: VY016118.D
Acq: 27 Oct 2023 20:51

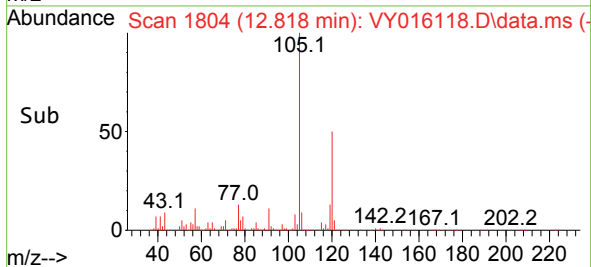
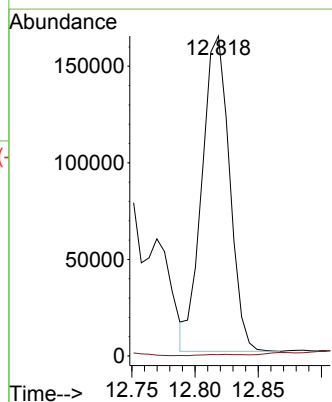
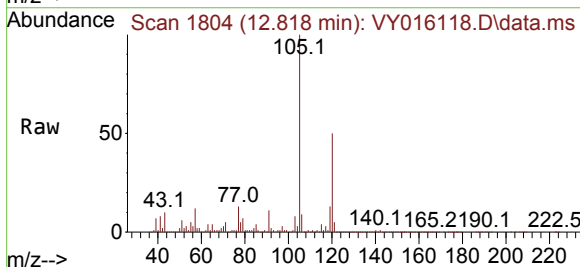
Instrument :
MSVOA_Y
ClientSampleId :

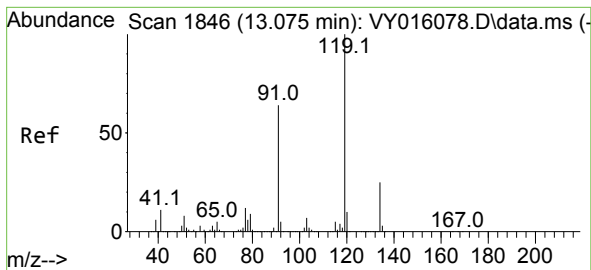
Tgt Ion: 75 Resp: 7754
Ion Ratio Lower Upper
75 100
53 76.3 77.8 116.8#
89 25.7 37.4 56.0#



#82
4-Chlorotoluene
Concen: 46.992 ug/l
RT: 12.818 min Scan# 1804
Delta R.T. -0.037 min
Lab File: VY016118.D
Acq: 27 Oct 2023 20:51

Tgt Ion: 91 Resp: 247651
Ion Ratio Lower Upper
91 100
126 0.6 17.2 51.6#





#83

tert-Butylbenzene

Concen: 5.740 ug/l

RT: 13.081 min Scan# 1847

Delta R.T. 0.006 min

Lab File: VY016118.D

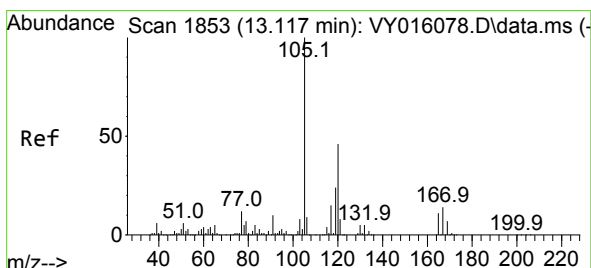
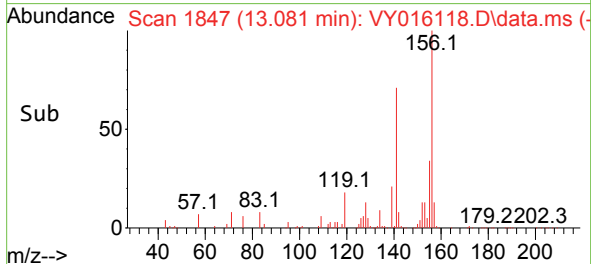
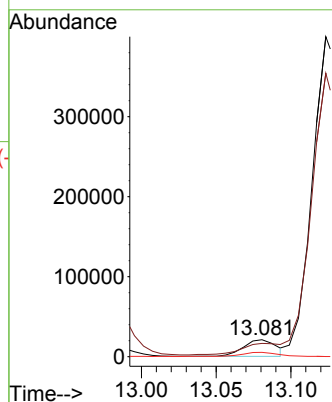
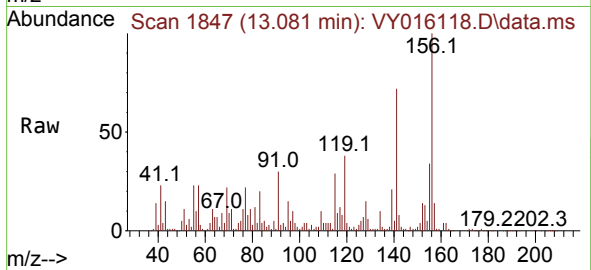
Acq: 27 Oct 2023 20:51

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:119	Resp:	31746
Ion Ratio	Lower	Upper
119	100	
91	0.0	32.9
134	27.3	13.0
		98.6#
		38.9



#84

1,2,4-Trimethylbenzene

Concen: 774.333 ug/l

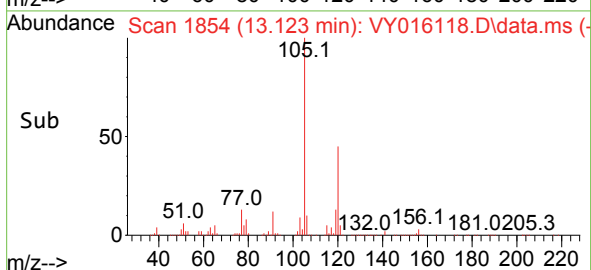
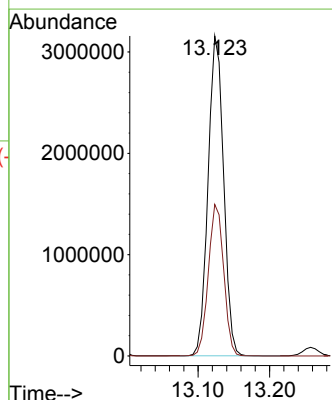
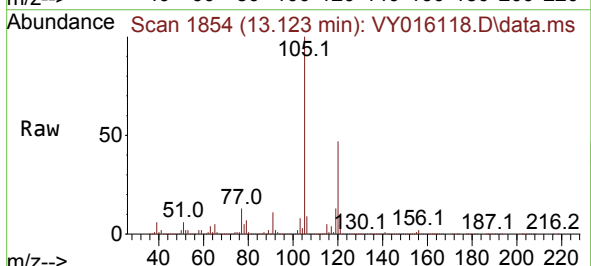
RT: 13.123 min Scan# 1854

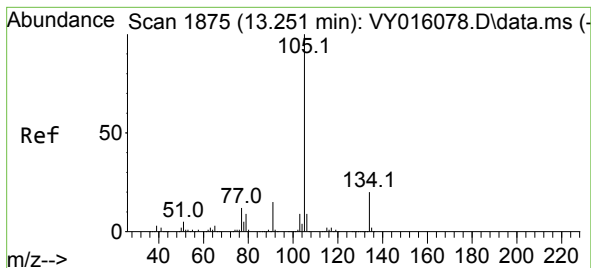
Delta R.T. 0.006 min

Lab File: VY016118.D

Acq: 27 Oct 2023 20:51

Tgt Ion:105	Resp:	4758069
Ion Ratio	Lower	Upper
105	100	
120	46.9	22.2
		66.6





#85

sec-Butylbenzene

Concen: 577.650 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. -0.128 min

Lab File: VY016118.D

Acq: 27 Oct 2023 20:51

Instrument :

MSVOA_Y

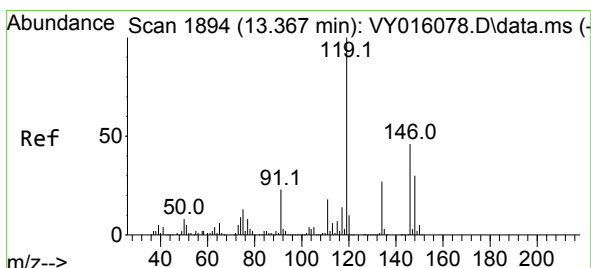
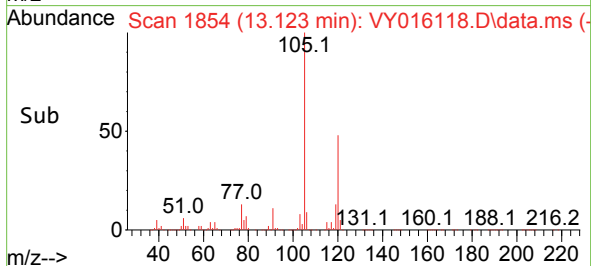
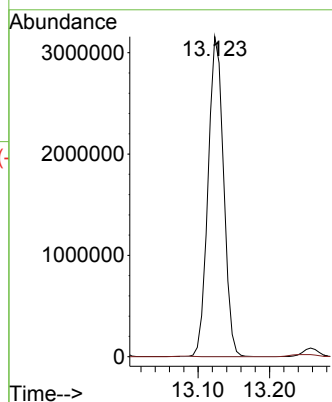
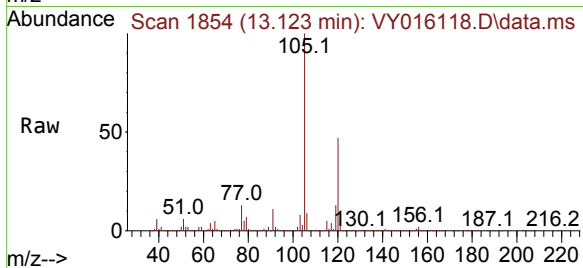
ClientSampleId :

Tgt Ion:105 Resp: 4758069

Ion Ratio Lower Upper

105 100

134 0.0 10.2 30.6#



#86

p-Isopropyltoluene

Concen: 24.137 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.006 min

Lab File: VY016118.D

Acq: 27 Oct 2023 20:51

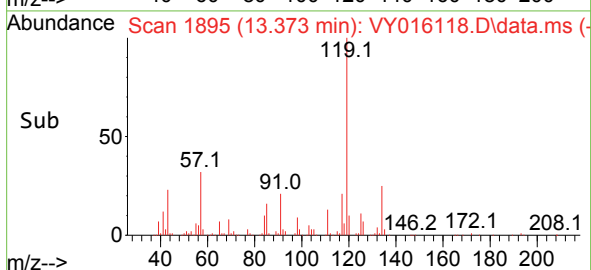
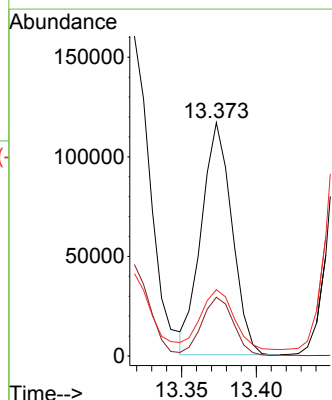
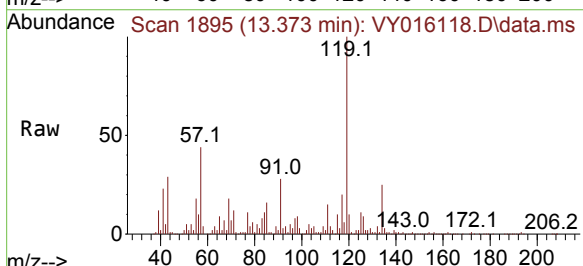
Tgt Ion:119 Resp: 165895

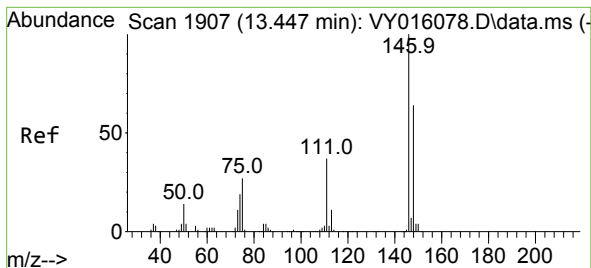
Ion Ratio Lower Upper

119 100

134 25.9 13.3 39.8

91 27.8 12.4 37.4





#88

1,4-Dichlorobenzene

Concen: 1.606 ug/l

RT: 13.453 min Scan# 1907

Delta R.T. 0.006 min

Lab File: VY016118.D

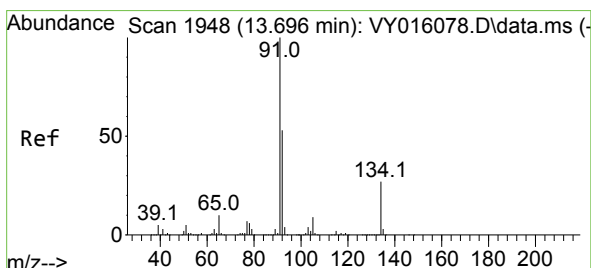
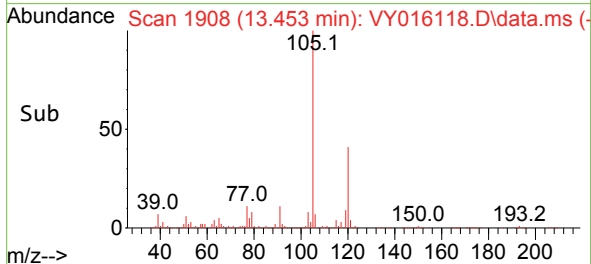
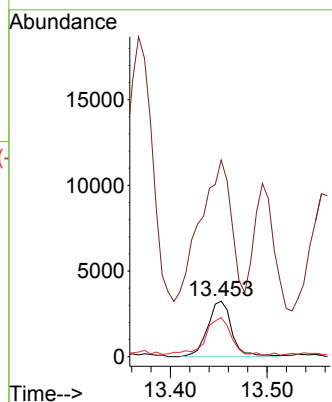
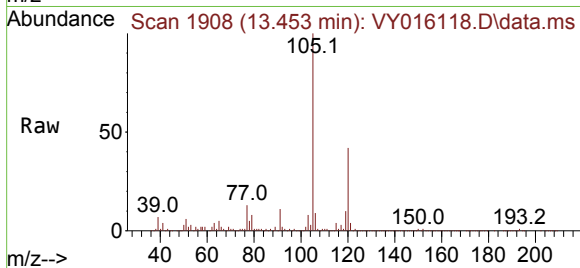
Acq: 27 Oct 2023 20:51

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	146	Resp:	5607
Ion Ratio	Lower	Upper	
146	100		
111	329.3	18.9	56.7#
148	70.9	32.1	96.5



#89

n-Butylbenzene

Concen: 15.404 ug/l

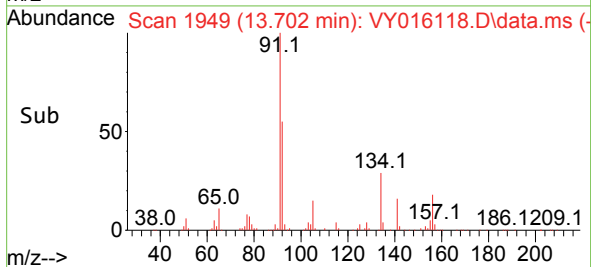
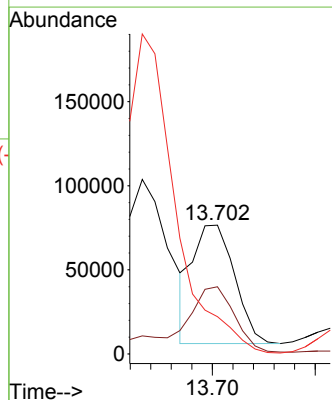
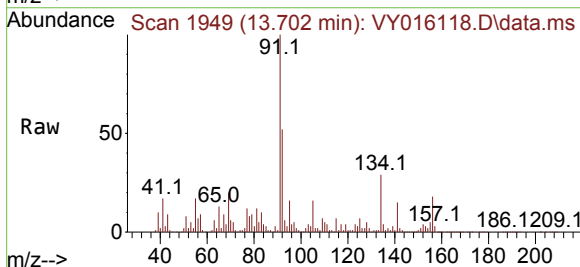
RT: 13.702 min Scan# 1949

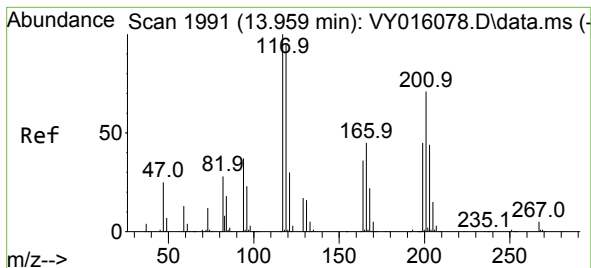
Delta R.T. 0.006 min

Lab File: VY016118.D

Acq: 27 Oct 2023 20:51

Tgt Ion:	91	Resp:	98765
Ion Ratio	Lower	Upper	
91	100		
92	72.8	25.4	76.0
134	0.0	12.6	37.6#





#90

Hexachloroethane

Concen: 37.002 ug/l

RT: 13.977 min Scan# 1994

Delta R.T. 0.018 min

Lab File: VY016118.D

Acq: 27 Oct 2023 20:51

Instrument :

MSVOA_Y

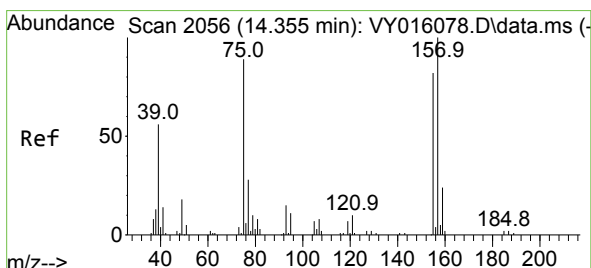
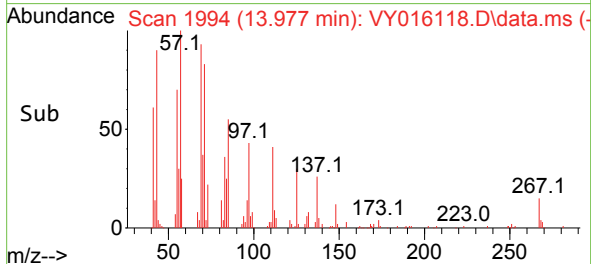
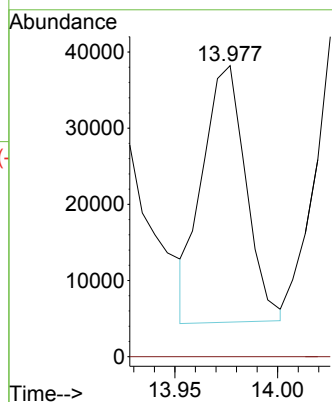
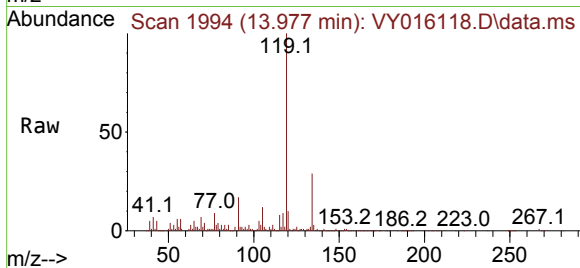
ClientSampleId :

Tgt Ion:117 Resp: 49513

Ion Ratio Lower Upper

117 100

201 0.0 41.6 124.8#



#92

1,2-Dibromo-3-Chloropropane

Concen: 27.523 ug/l

RT: 14.337 min Scan# 2053

Delta R.T. -0.018 min

Lab File: VY016118.D

Acq: 27 Oct 2023 20:51

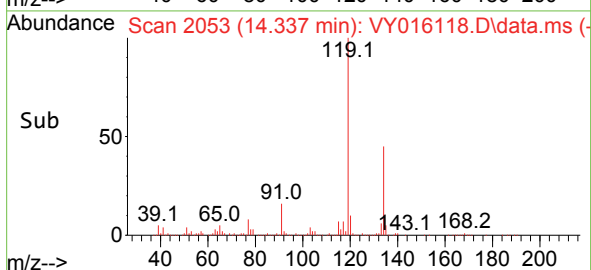
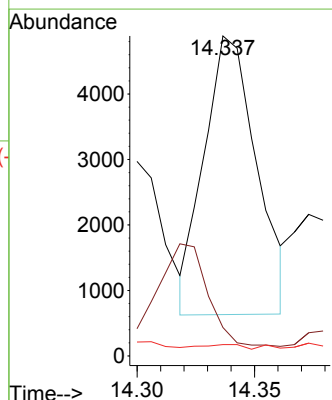
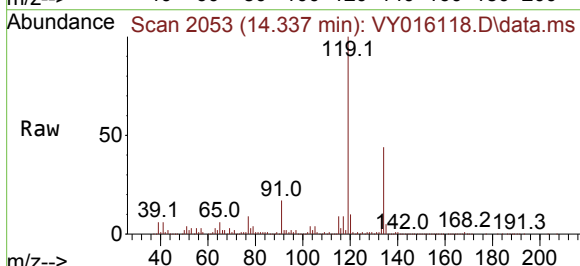
Tgt Ion: 75 Resp: 6619

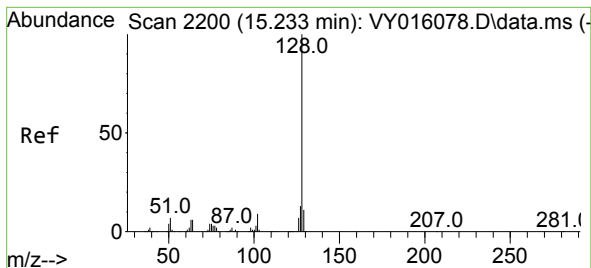
Ion Ratio Lower Upper

75 100

155 0.0 41.5 124.6#

157 0.0 51.8 155.5#





#95

Naphthalene

Concen: 5142.268 ug/l

RT: 15.239 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY016118.D

Acq: 27 Oct 2023 20:51

Instrument :

MSVOA_Y

ClientSampleId :

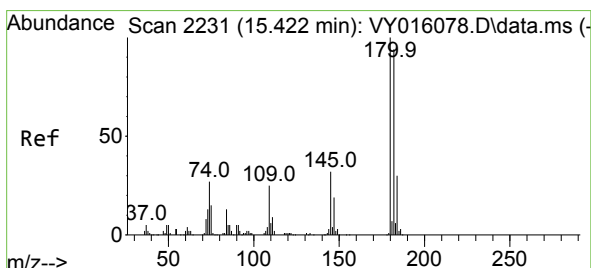
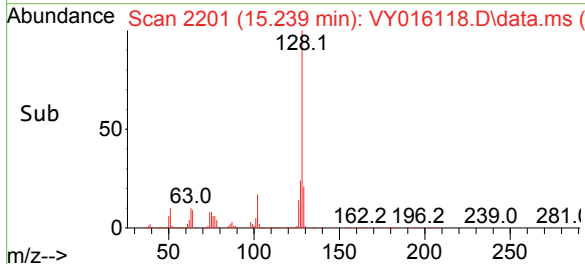
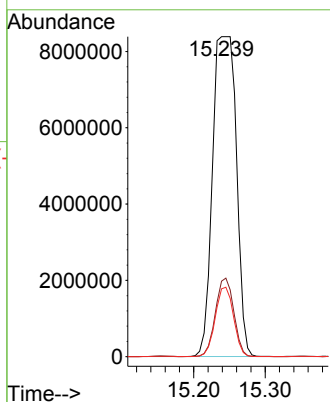
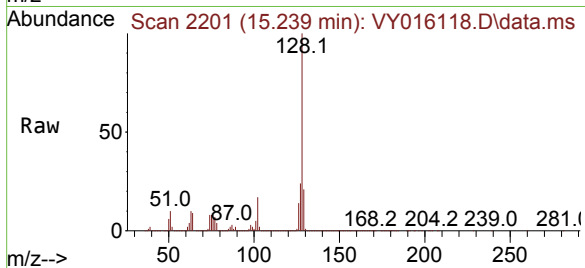
Tgt Ion:128 Resp:19399384

Ion Ratio Lower Upper

128 100

127 18.9 10.8 16.2#

129 16.7 8.6 13.0#



#96

1,2,3-Trichlorobenzene

Concen: 1.065 ug/l

RT: 15.440 min Scan# 2234

Delta R.T. 0.018 min

Lab File: VY016118.D

Acq: 27 Oct 2023 20:51

Tgt Ion:180 Resp: 1776

Ion Ratio Lower Upper

180 100

182 238.0 47.3 141.8#

145 0.0 15.4 46.2#

