

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102723\
 Data File : VY016115.D
 Acq On : 27 Oct 2023 19:40
 Operator : SY/MD
 Sample : 05107-07
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 30 06:13:33 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	185908	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	298806	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	253383	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	99255	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	104902	56.747	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 113.500%	
35) Dibromofluoromethane	7.722	113	93836	49.745	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.480%	
50) Toluene-d8	10.185	98	374161	53.548	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 107.100%	
62) 4-Bromofluorobenzene	12.483	95	115191	48.060	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 96.120%	

Target Compounds			Qvalue			
3) Chloromethane	2.077	50	4997	3.178	ug/l #	68
11) Tert butyl alcohol	4.960	59	2763	Below Cal	#	89
13) Acrolein	3.710	56	2022	8.782	ug/l #	1
14) Allyl chloride	4.594	41	3085	1.242	ug/l #	72
15) Acrylonitrile	5.253	53	4741	10.032	ug/l #	41
16) Acetone	3.948	43	36658	73.161	ug/l #	88
20) Methylene Chloride	4.722	84	31573	11.718	ug/l	87
25) 2-Butanone	6.984	43	14966	22.131	ug/l #	87
31) Cyclohexane	7.789	56	361502	124.303	ug/l	90
36) 1,1-Dichloropropene	7.795	75	13873	5.276	ug/l #	50
37) Ethyl Acetate	6.984	43	14966	11.104	ug/l #	89
38) Carbon Tetrachloride	7.795	117	18639	6.703	ug/l #	17
39) Methylcyclohexane	9.185	83	799944	249.725	ug/l	93
40) Benzene	8.167	78	13589138	1825.393	ug/l	94
42) 1,2-Dichloroethane	8.167	62	121691	56.572	ug/l #	78
43) Isopropyl Acetate	8.271	43	19338	7.674	ug/l #	55
45) 1,2-Dichloropropane	9.185	63	7493	3.977	ug/l #	1
48) Methyl methacrylate	9.246	41	18500	15.935	ug/l #	37
51) 4-Methyl-2-Pentanone	10.075	43	12396	9.323	ug/l	89
52) Toluene	10.246	92	11068695	2315.413	ug/l	78
53) t-1,3-Dichloropropene	10.246	75	142492	52.153	ug/l #	1
55) 1,1,2-Trichloroethane	10.618	97	80925	51.555	ug/l #	18
56) Ethyl methacrylate	10.526	69	46348	22.975	ug/l #	47
59) 2-Hexanone	10.807	43	84593	86.365	ug/l #	33
67) Ethyl Benzene	11.593	91	2655301	300.224	ug/l	98
68) m/p-Xylenes	11.703	106	5233997	1529.203	ug/l	89
69) o-Xylene	12.032	106	2375905	725.085	ug/l	94
70) Styrene	12.044	104	595319	108.992	ug/l #	46
73) Isopropylbenzene	12.331	105	269837	38.630	ug/l	100
74) N-amyl acetate	12.124	43	57845	33.962	ug/l #	60
75) 1,1,2,2-Tetrachloroethane	12.532	83	7734	5.416	ug/l #	79
76) 1,2,3-Trichloropropane	12.672	75	3156	3.114	ug/l #	100
77) Bromobenzene	12.404	156	457827	280.836	ug/l #	1
78) n-propylbenzene	12.672	91	519306	61.400	ug/l	99
79) 2-Chlorotoluene	12.739	91	204836	43.243	ug/l #	41
80) 1,3,5-Trimethylbenzene	12.812	105	1620976	279.504	ug/l	97

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 ClientSampleId :

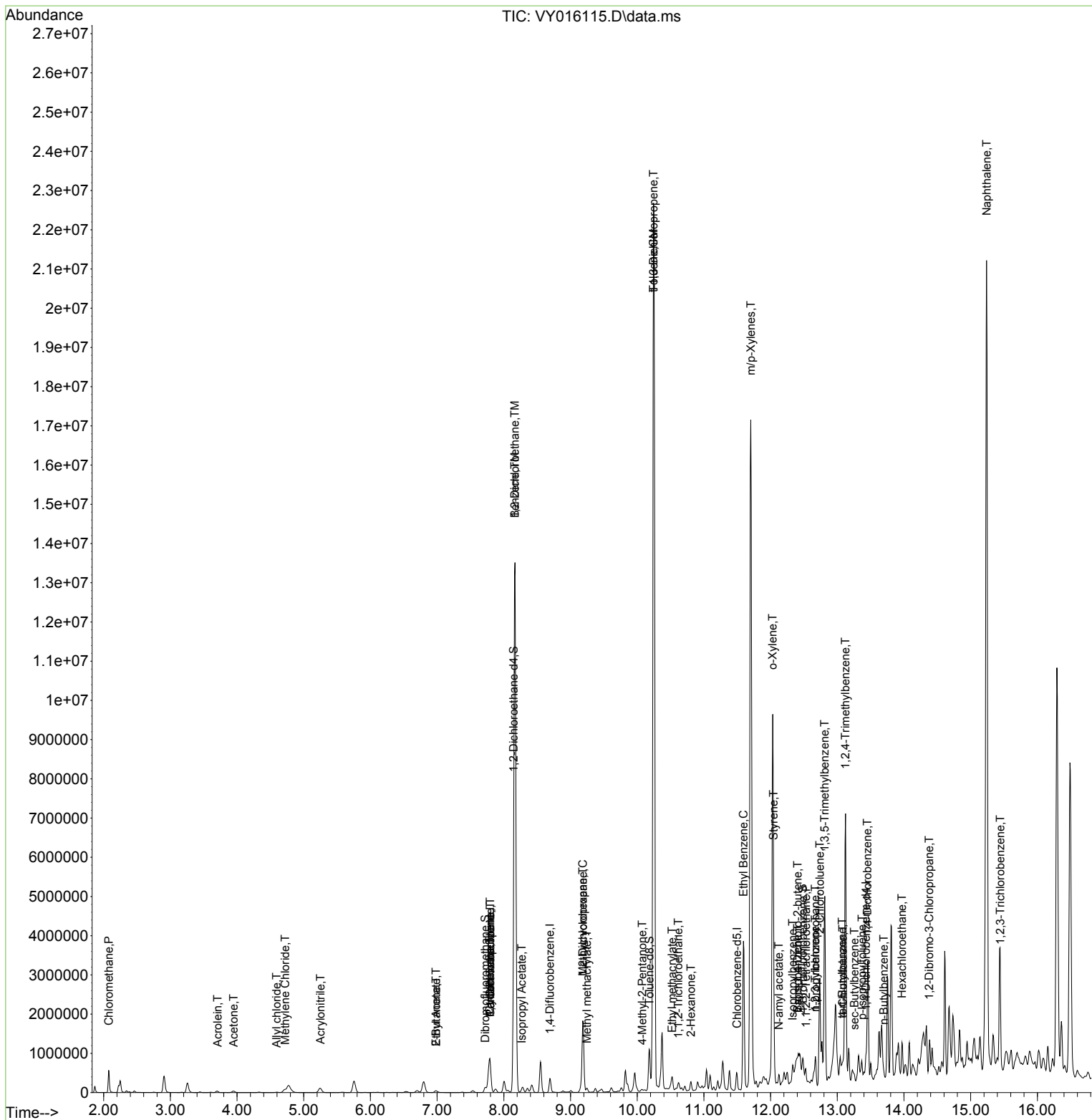
Quant Time: Oct 30 06:13:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102623S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 27 04:12:29 2023
 Response via : Initial Calibration

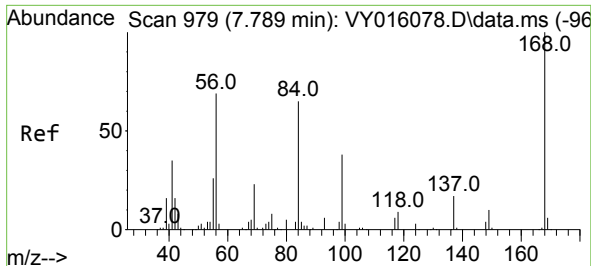
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

81) trans-1,4-Dichloro-2-b...	12.404	75	17361	37.230	ug/l #	60
82) 4-Chlorotoluene	13.081	91	26883	5.472	ug/l	75
83) tert-Butylbenzene	13.075	119	31699	6.149	ug/l	80
84) 1,2,4-Trimethylbenzene	13.123	105	3496962	610.531	ug/l	97
85) sec-Butylbenzene	13.257	105	109128	14.213	ug/l #	52
86) p-Isopropyltoluene	13.373	119	145593	22.725	ug/l	97
88) 1,4-Dichlorobenzene	13.453	146	5758	1.770	ug/l #	1
89) n-Butylbenzene	13.696	91	78610	13.153	ug/l #	58
90) Hexachloroethane	13.971	117	40163	32.199	ug/l #	8
92) 1,2-Dibromo-3-Chloropr...	14.379	75	1906	8.502	ug/l #	32
95) Naphthalene	15.239	128	16287897	4631.818	ug/l #	93
96) 1,2,3-Trichlorobenzene	15.446	180	2657	1.709	ug/l #	13

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

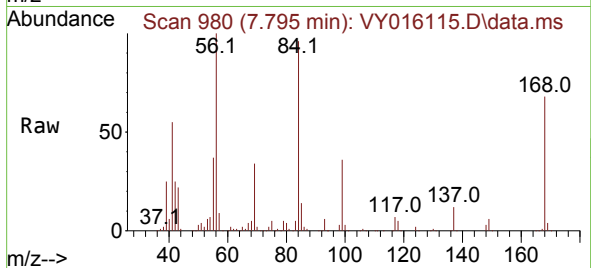
Quant Time: Oct 30 06:13:33 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102623S.M
Quant Title : SW846 8260
QLast Update : Fri Oct 27 04:12:29 2023
Response via : Initial Calibration



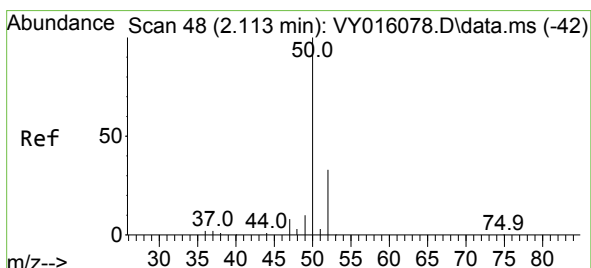
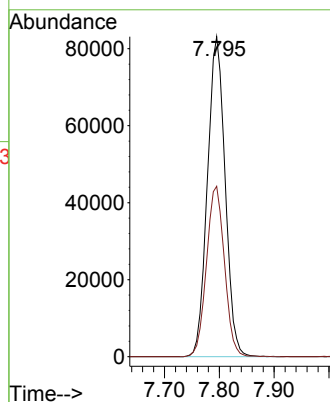
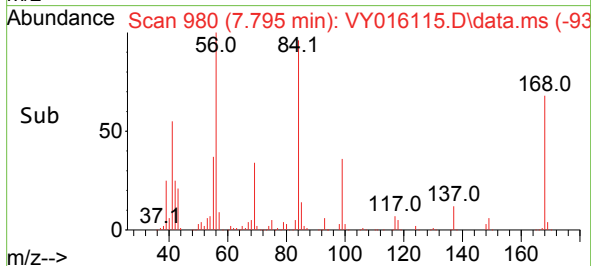


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016115.D
Acq: 27 Oct 2023 19:40

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MSVOA_Y
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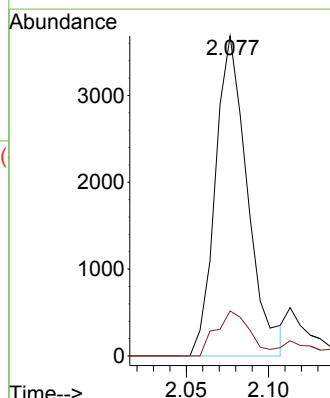
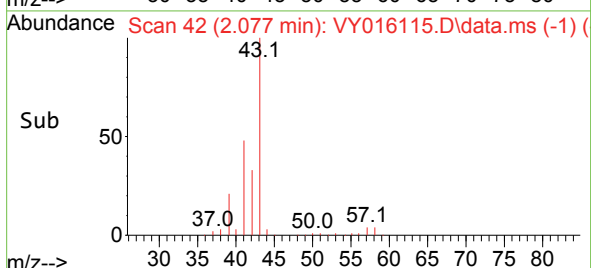
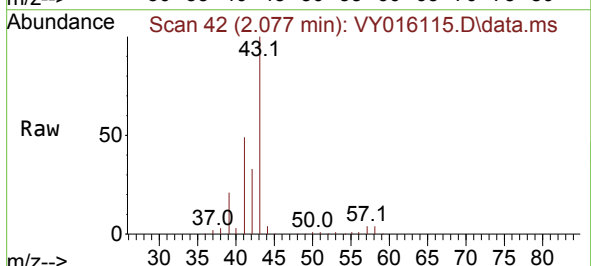


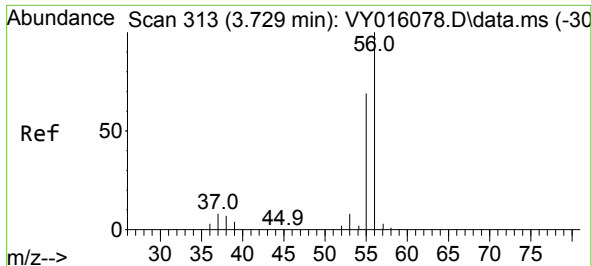
Tgt Ion:168 Resp: 185908
Ion Ratio Lower Upper
168 100
99 53.3 43.4 65.0



#3
Chloromethane
Concen: 3.178 ug/l
RT: 2.077 min Scan# 42
Delta R.T. -0.037 min
Lab File: VY016115.D
Acq: 27 Oct 2023 19:40

Tgt Ion: 50 Resp: 4997
Ion Ratio Lower Upper
50 100
52 14.1 25.4 38.2#





#13

Acrolein

Concen: 8.782 ug/l

RT: 3.710 min Scan# 31

Delta R.T. -0.018 min

Lab File: VY016115.D

Acq: 27 Oct 2023 19:40

Instrument :

MSVOA_Y

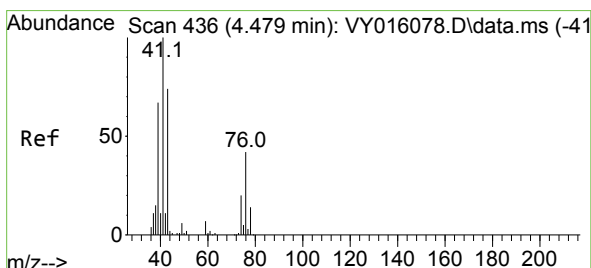
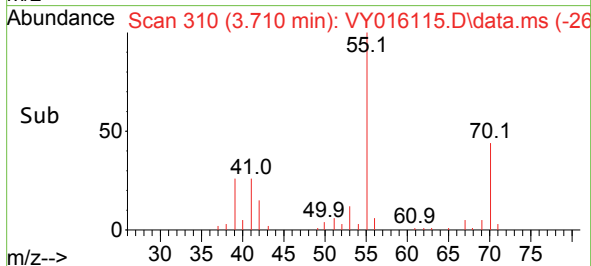
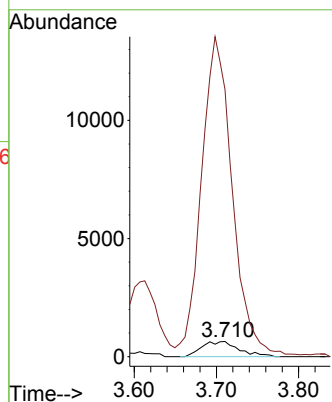
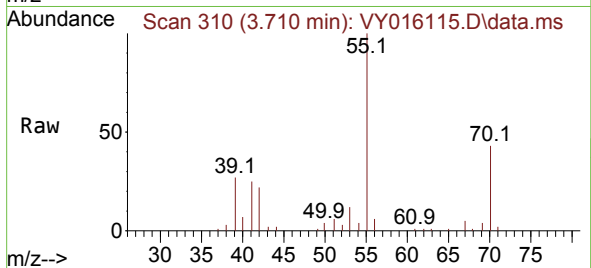
ClientSampleId :

Tgt Ion: 56 Resp: 2022

Ion Ratio Lower Upper

56 100

55 1724.3 57.0 85.4#



#14

Allyl chloride

Concen: 1.242 ug/l

RT: 4.594 min Scan# 455

Delta R.T. 0.116 min

Lab File: VY016115.D

Acq: 27 Oct 2023 19:40

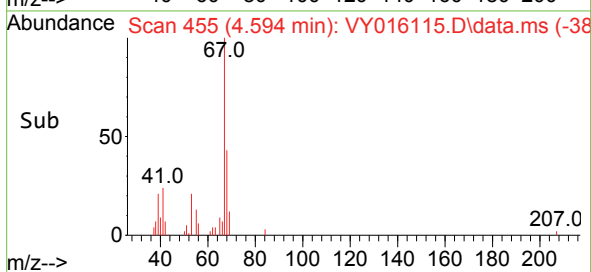
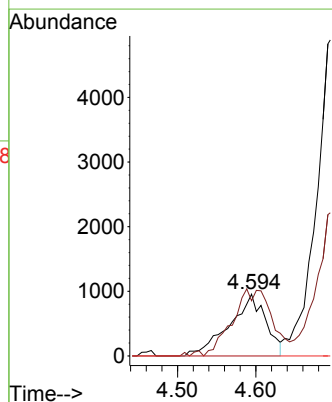
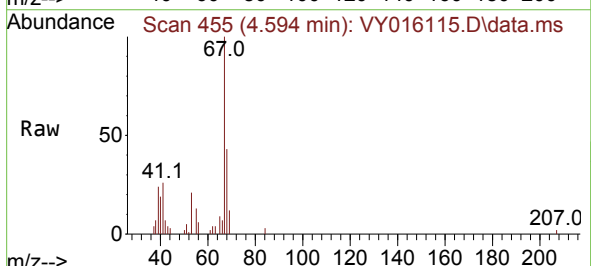
Tgt Ion: 41 Resp: 3085

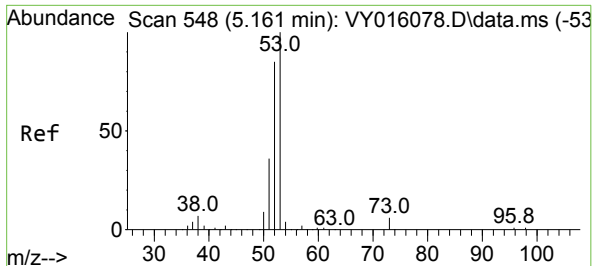
Ion Ratio Lower Upper

41 100

39 61.5 58.0 87.0

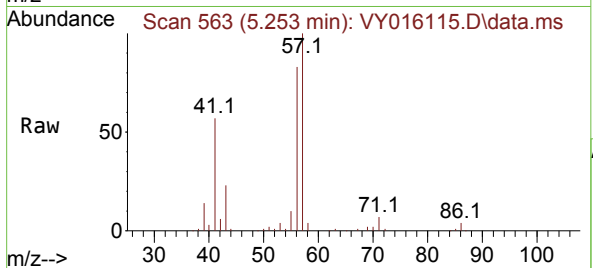
76 0.0 27.4 41.2#



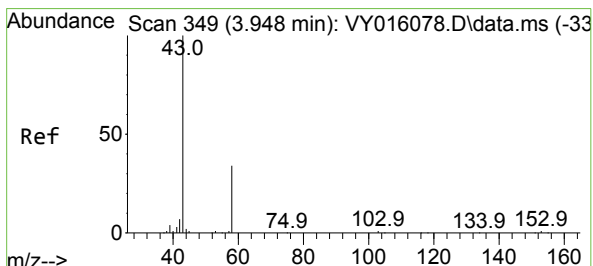
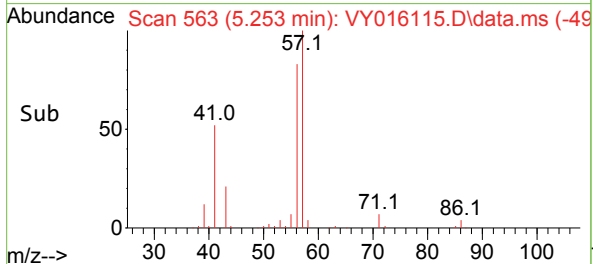
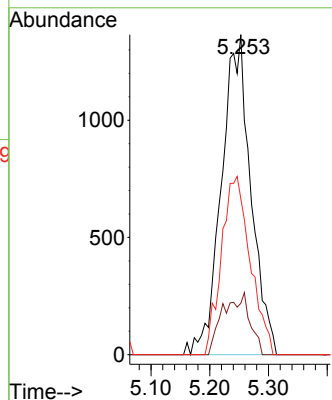


#15
Acrylonitrile
Concen: 10.032 ug/l
RT: 5.253 min Scan# 51
Delta R.T. 0.091 min
Lab File: VY016115.D
Acq: 27 Oct 2023 19:40

Instrument :
MSVOA_Y
ClientSampleId :

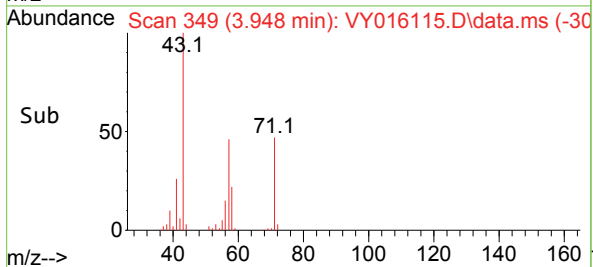
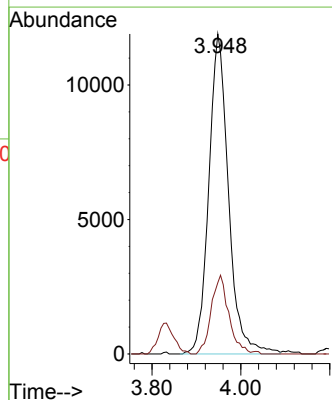
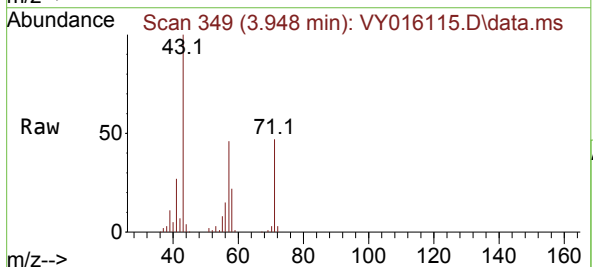


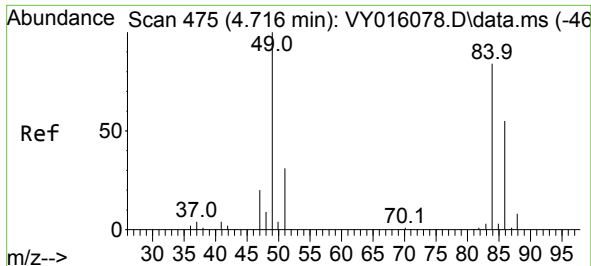
Tgt Ion: 53 Resp: 4741
Ion Ratio Lower Upper
53 100
52 17.7 66.9 100.3#
51 54.6 29.8 44.6#



#16
Acetone
Concen: 73.161 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.000 min
Lab File: VY016115.D
Acq: 27 Oct 2023 19:40

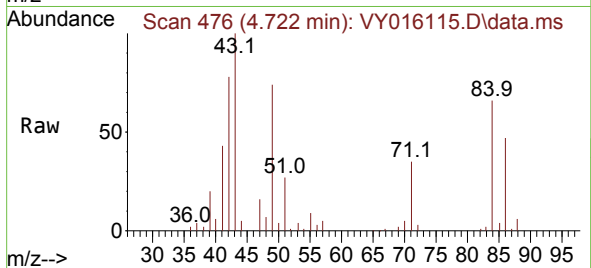
Tgt Ion: 43 Resp: 36658
Ion Ratio Lower Upper
43 100
58 22.2 22.7 34.1#





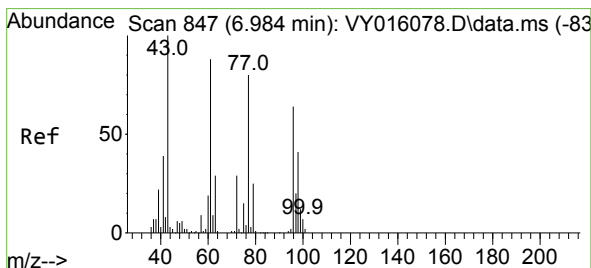
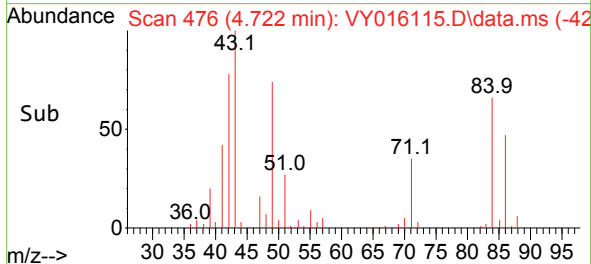
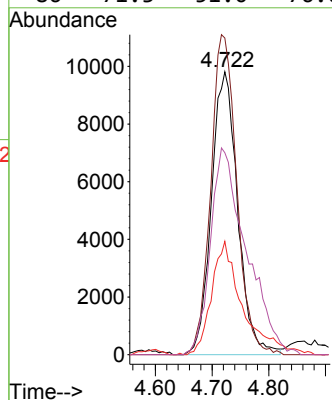
#20
Methylene Chloride
Concen: 11.718 ug/l
RT: 4.722 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY016115.D
Acq: 27 Oct 2023 19:40

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 31573

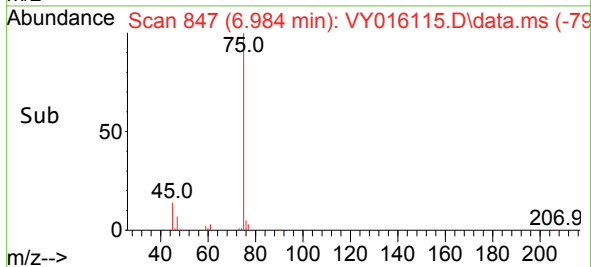
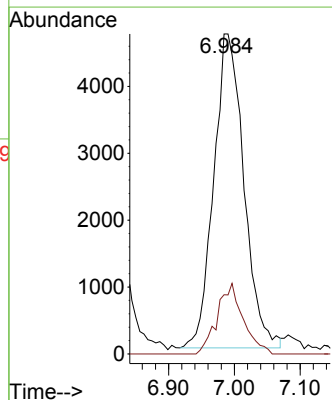
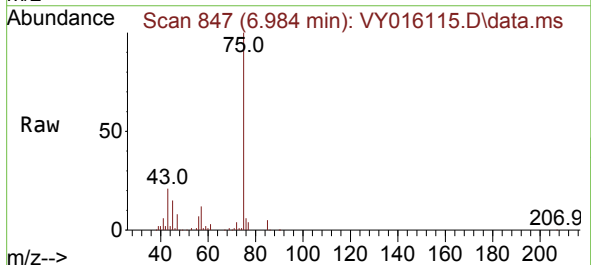
Ion	Ratio	Lower	Upper
84	100		
49	111.9	106.9	160.3
51	39.5	33.2	49.8
86	71.3	51.0	76.6

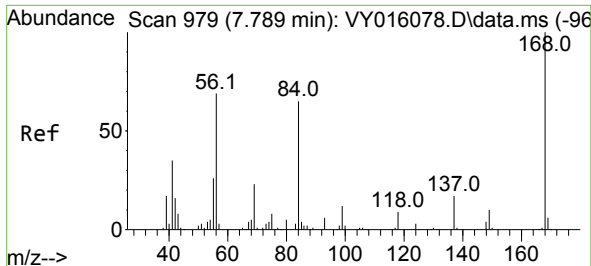


#25
2-Butanone
Concen: 22.131 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY016115.D
Acq: 27 Oct 2023 19:40

Tgt Ion: 43 Resp: 14966

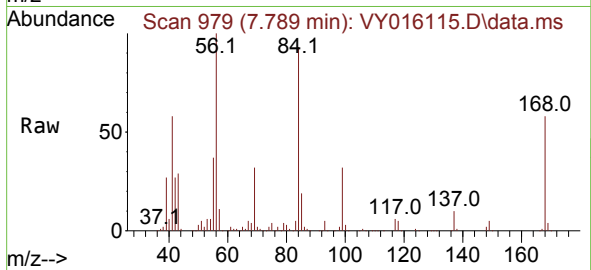
Ion	Ratio	Lower	Upper
43	100		
72	18.8	20.5	30.7#



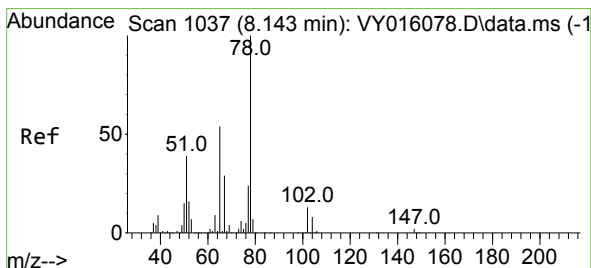
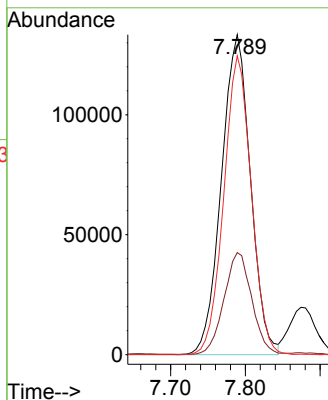
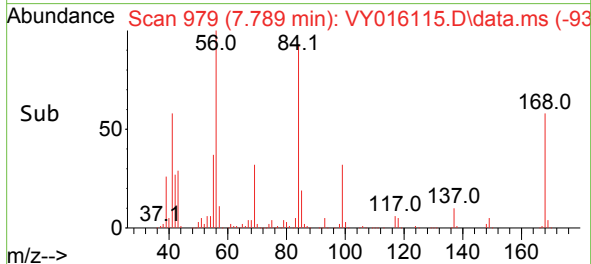


#31
Cyclohexane
Concen: 124.303 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY016115.D
Acq: 27 Oct 2023 19:40

Instrument :
MSVOA_Y
ClientSampleId :

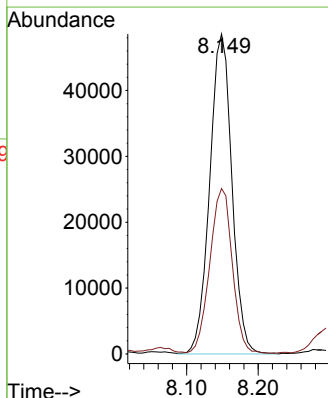
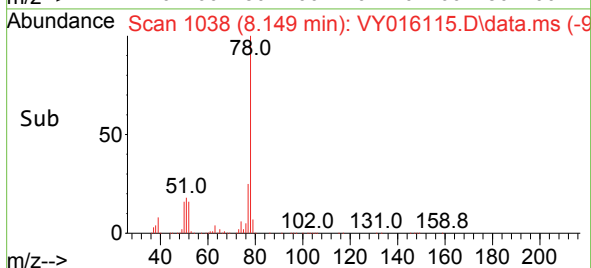
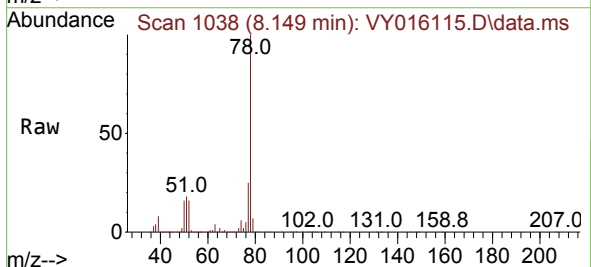


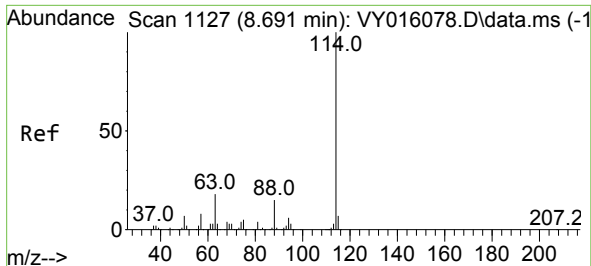
Tgt Ion: 56 Resp: 361502
Ion Ratio Lower Upper
56 100
69 31.8 27.8 41.6
84 93.4 66.4 99.6



#33
1,2-Dichloroethane-d4
Concen: 56.747 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VY016115.D
Acq: 27 Oct 2023 19:40

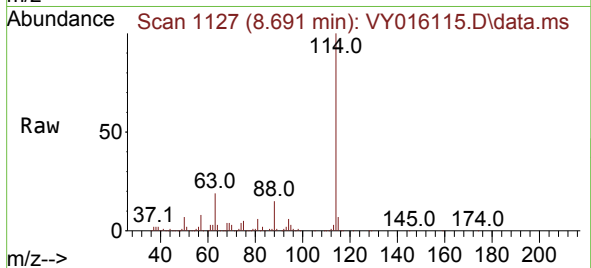
Tgt Ion: 65 Resp: 104902
Ion Ratio Lower Upper
65 100
67 51.9 0.0 101.8



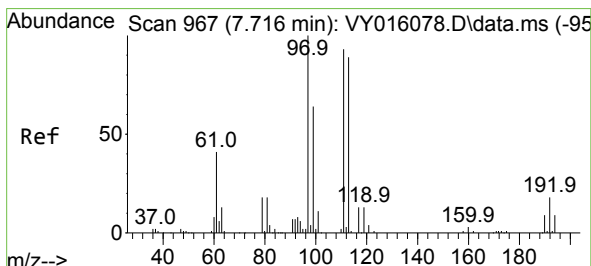
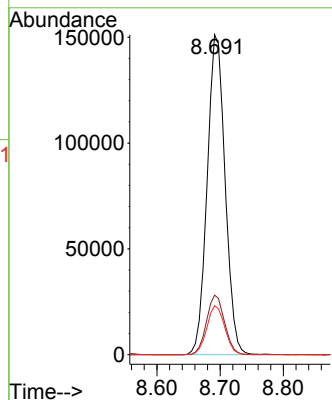
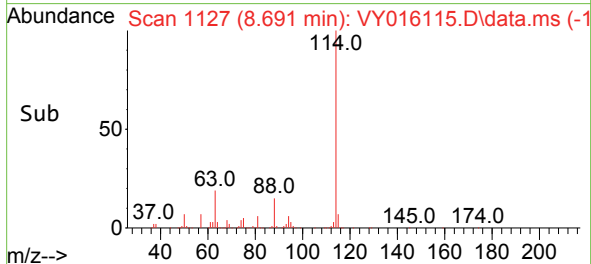


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. -0.000 min
 Lab File: VY016115.D
 Acq: 27 Oct 2023 19:40

Instrument :
 MSVOA_Y
 ClientSampleId :

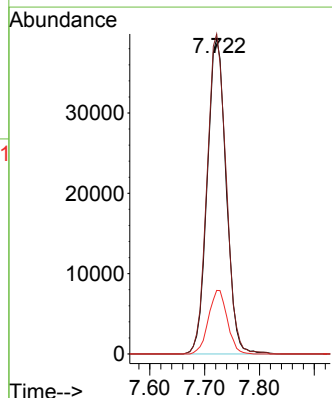
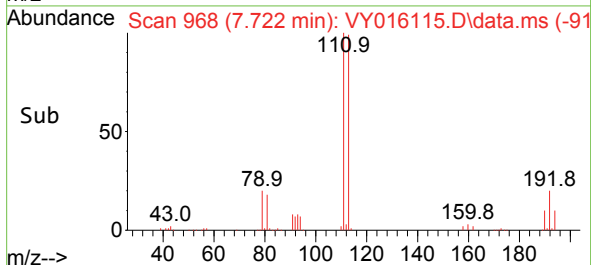
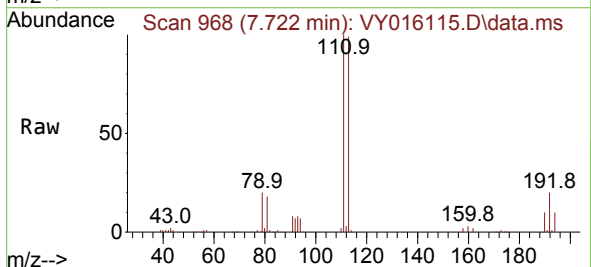


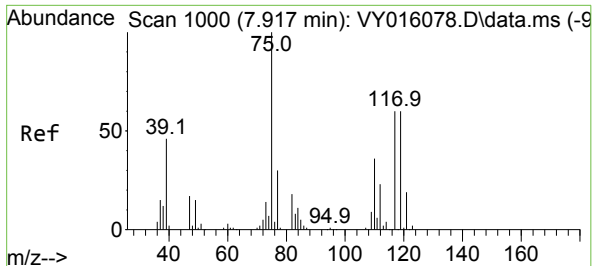
Tgt Ion:	114	Resp:	298806
Ion Ratio	Lower	Upper	
114	100		
63	18.6	0.0	42.4
88	15.3	0.0	30.6



#35
 Dibromofluoromethane
 Concen: 49.745 ug/l
 RT: 7.722 min Scan# 968
 Delta R.T. 0.006 min
 Lab File: VY016115.D
 Acq: 27 Oct 2023 19:40

Tgt Ion:	113	Resp:	93836
Ion Ratio	Lower	Upper	
113	100		
111	102.2	81.3	121.9
192	20.0	16.9	25.3

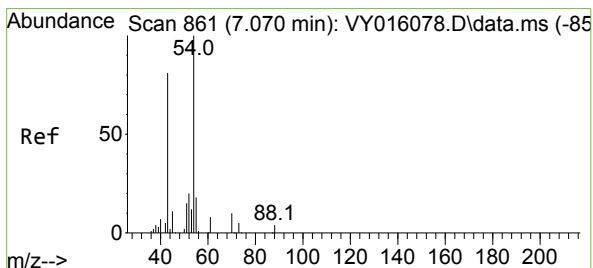
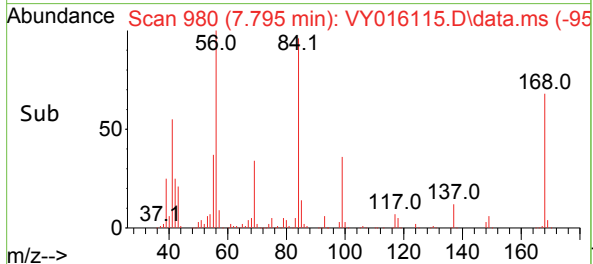
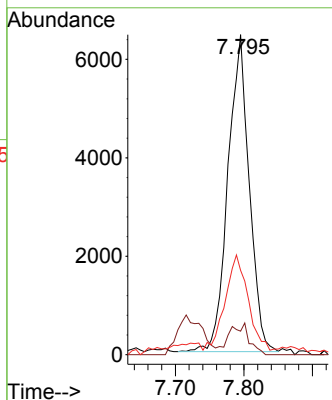
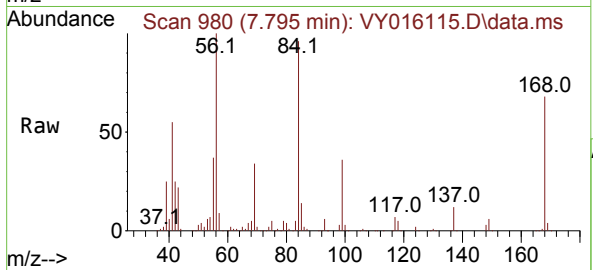




#36
1,1-Dichloropropene
Concen: 5.276 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY016115.D
Acq: 27 Oct 2023 19:40

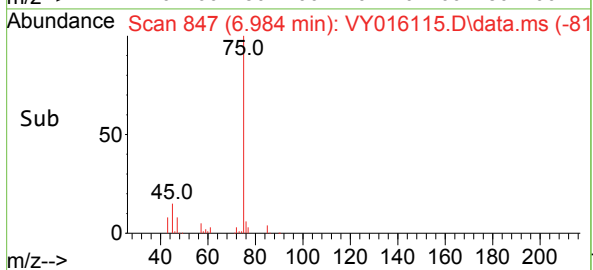
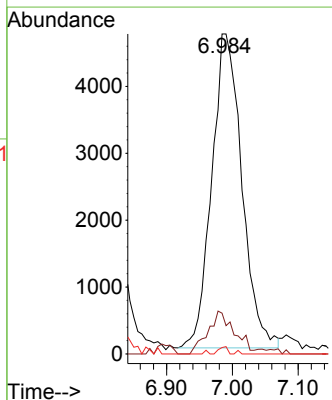
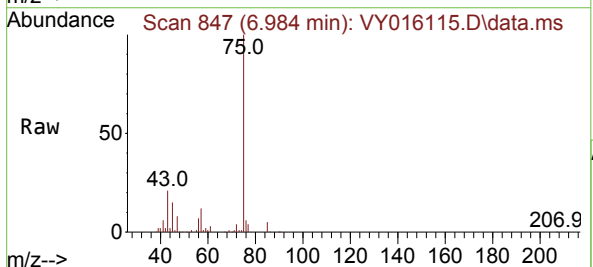
Instrument :
MSVOA_Y
ClientSampleId :

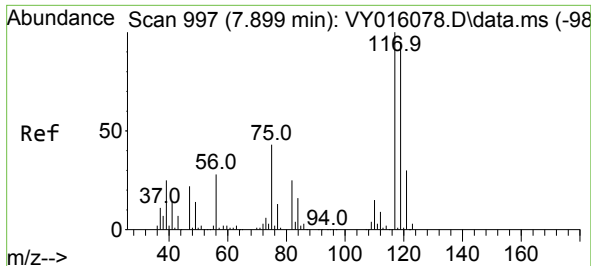
Tgt Ion: 75 Resp: 13873
Ion Ratio Lower Upper
75 100
110 9.4 17.8 53.5#
77 0.0 24.4 36.6#



#37
Ethyl Acetate
Concen: 11.104 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.085 min
Lab File: VY016115.D
Acq: 27 Oct 2023 19:40

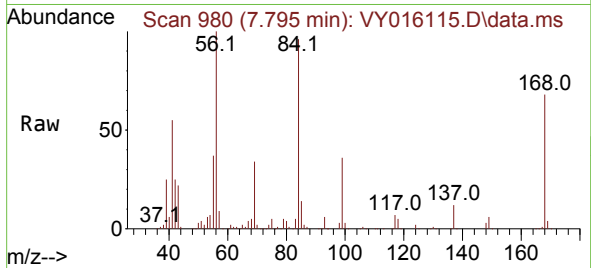
Tgt Ion: 43 Resp: 14966
Ion Ratio Lower Upper
43 100
61 12.0 10.1 15.1
70 0.0 7.1 10.7#



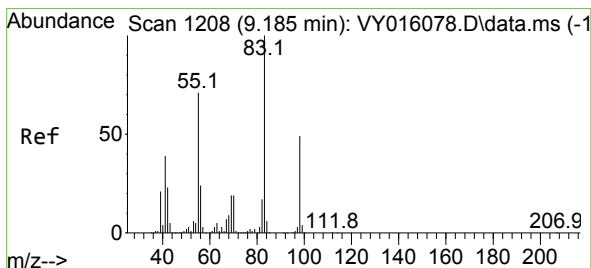
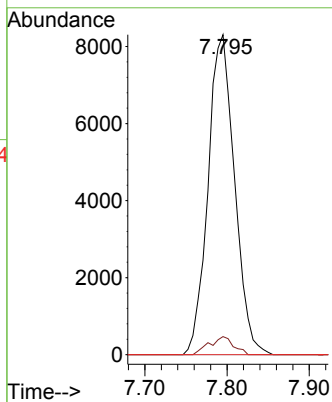
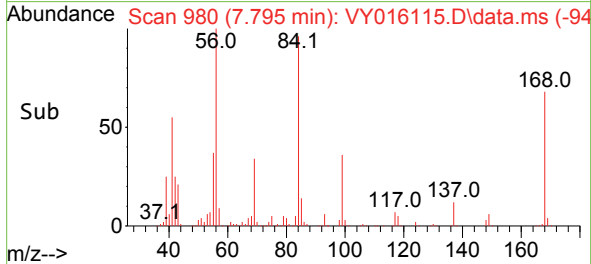


#38
Carbon Tetrachloride
Concen: 6.703 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY016115.D
Acq: 27 Oct 2023 19:40

Instrument :
MSVOA_Y
ClientSampleId :

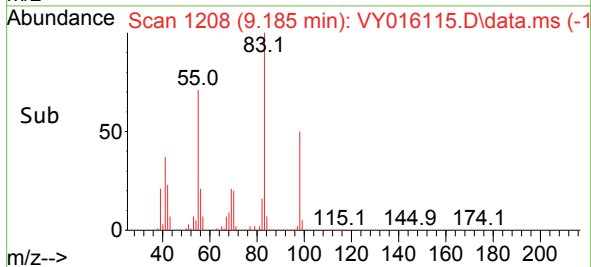
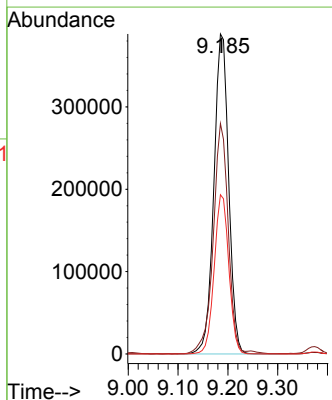
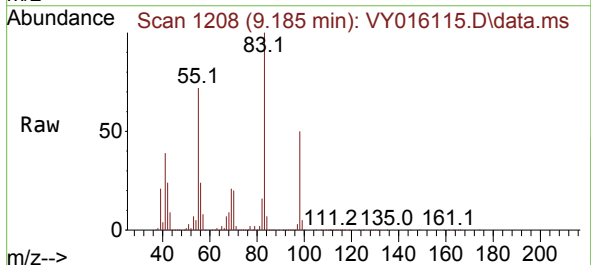


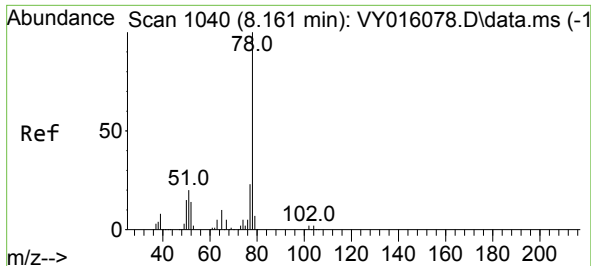
Tgt Ion:117 Resp: 18639
Ion Ratio Lower Upper
117 100
119 5.7 76.4 114.6#
121 0.0 25.8 38.6#



#39
Methylcyclohexane
Concen: 249.725 ug/l
RT: 9.185 min Scan# 1208
Delta R.T. -0.000 min
Lab File: VY016115.D
Acq: 27 Oct 2023 19:40

Tgt Ion: 83 Resp: 799944
Ion Ratio Lower Upper
83 100
55 71.9 63.0 94.4
98 49.8 37.4 56.2

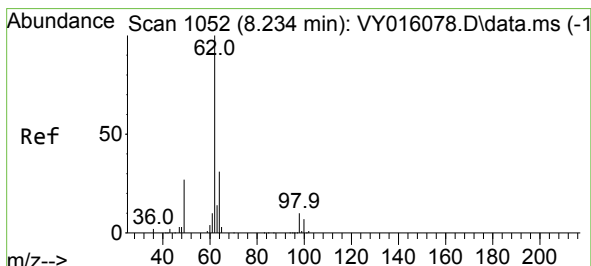
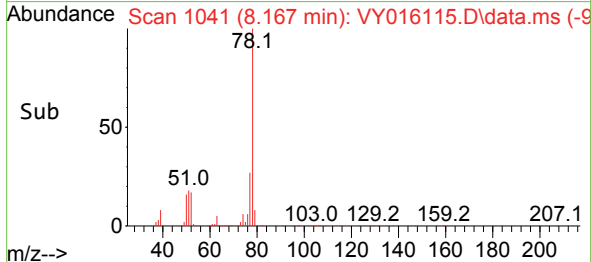
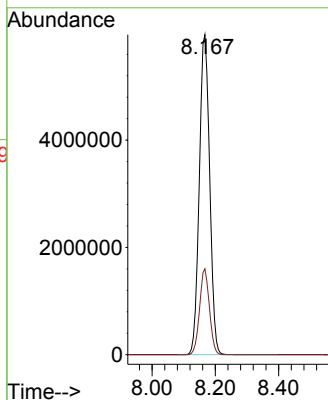
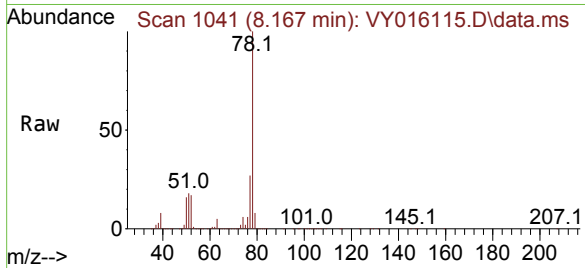




#40
Benzene
Concen: 1825.393 ug/l
RT: 8.167 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY016115.D
Acq: 27 Oct 2023 19:40

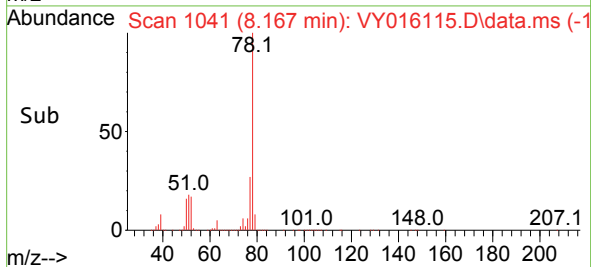
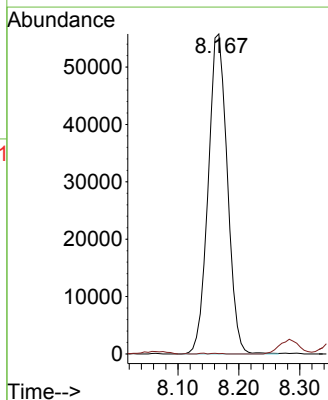
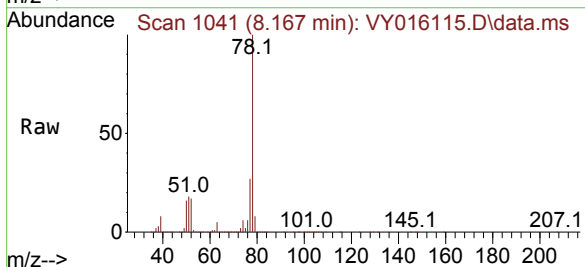
Instrument :
MSVOA_Y
ClientSampleId :

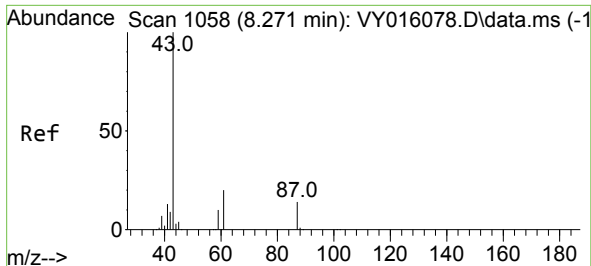
Tgt Ion: 78 Resp:13589138
Ion Ratio Lower Upper
78 100
77 26.9 19.0 28.6



#42
1,2-Dichloroethane
Concen: 56.572 ug/l
RT: 8.167 min Scan# 1041
Delta R.T. -0.067 min
Lab File: VY016115.D
Acq: 27 Oct 2023 19:40

Tgt Ion: 62 Resp: 121691
Ion Ratio Lower Upper
62 100
98 0.0 0.0 15.8

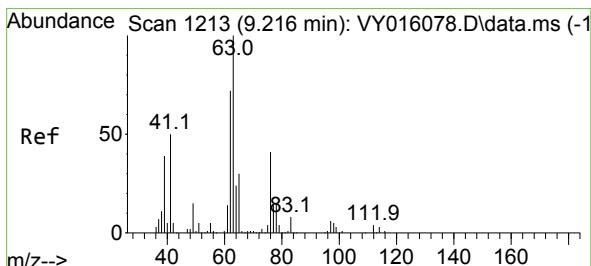
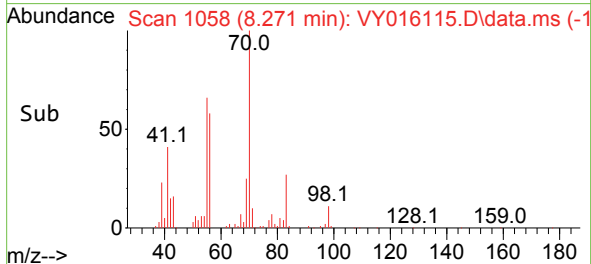
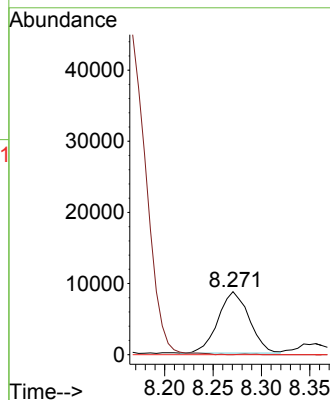
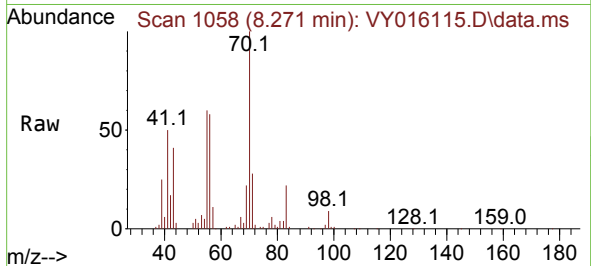




#43
Isopropyl Acetate
Concen: 7.674 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VY016115.D
Acq: 27 Oct 2023 19:40

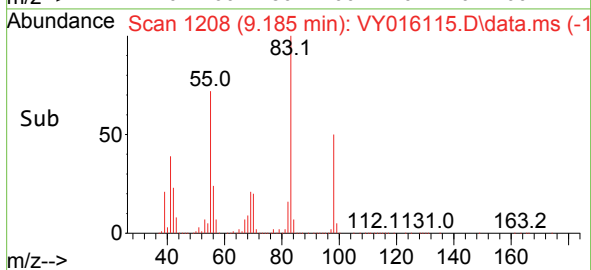
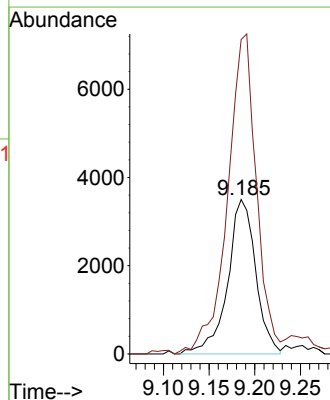
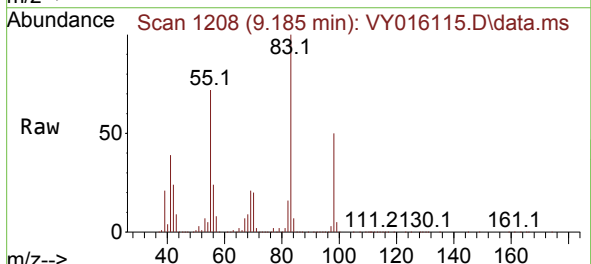
Instrument :
MSVOA_Y
ClientSampleId :

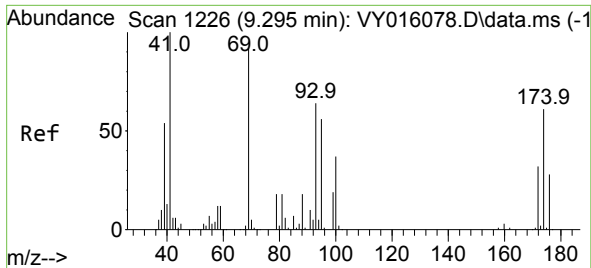
Tgt Ion: 43 Resp: 19338
Ion Ratio Lower Upper
43 100
61 0.0 21.1 31.7#
87 0.0 9.8 14.8#



#45
1,2-Dichloropropane
Concen: 3.977 ug/l
RT: 9.185 min Scan# 1208
Delta R.T. -0.030 min
Lab File: VY016115.D
Acq: 27 Oct 2023 19:40

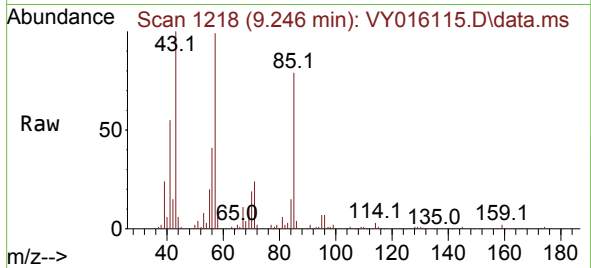
Tgt Ion: 63 Resp: 7493
Ion Ratio Lower Upper
63 100
65 201.9 23.8 35.6#



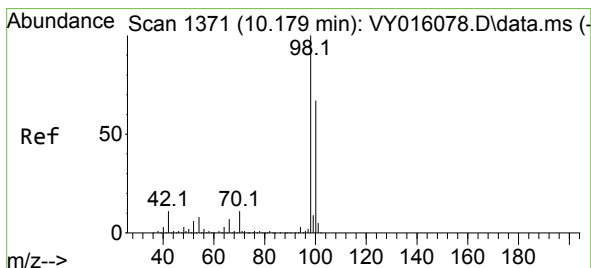
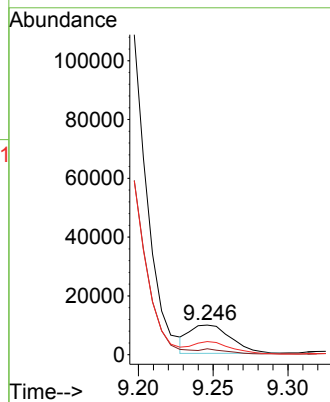
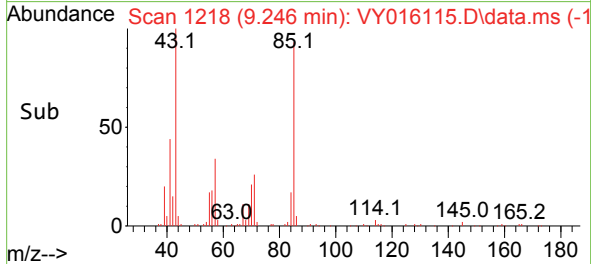


#48
Methyl methacrylate
Concen: 15.935 ug/l
RT: 9.246 min Scan# 11
Delta R.T. -0.049 min
Lab File: VY016115.D
Acq: 27 Oct 2023 19:40

Instrument :
MSVOA_Y
ClientSampleId :

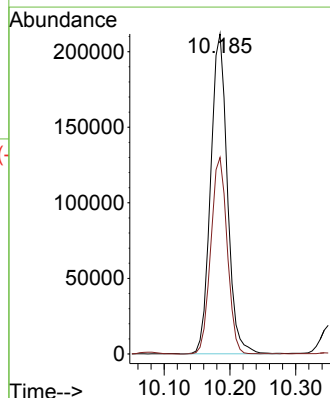
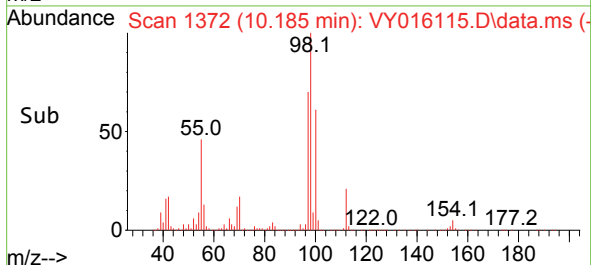
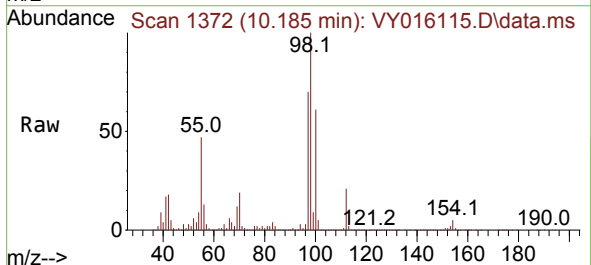


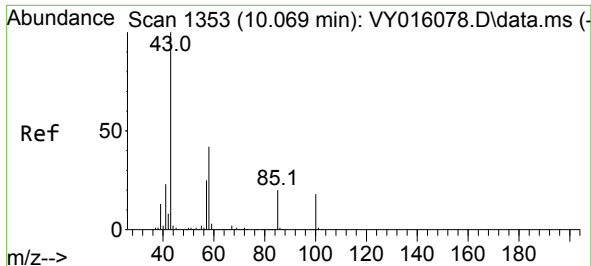
Tgt Ion: 41 Resp: 18500
Ion Ratio Lower Upper
41 100
69 0.0 64.5 96.7#
39 41.6 50.8 76.2#



#50
Toluene-d8
Concen: 53.548 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.006 min
Lab File: VY016115.D
Acq: 27 Oct 2023 19:40

Tgt Ion: 98 Resp: 374161
Ion Ratio Lower Upper
98 100
100 60.3 50.1 75.1

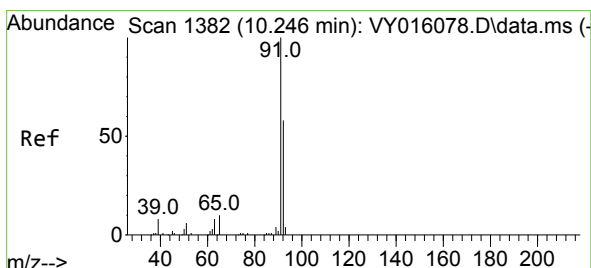
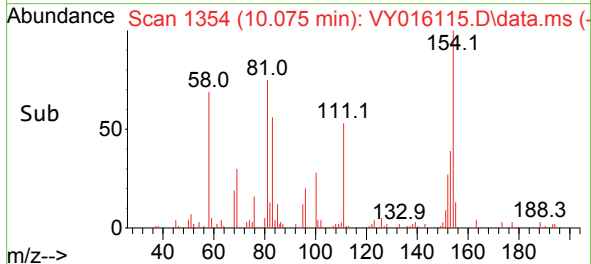
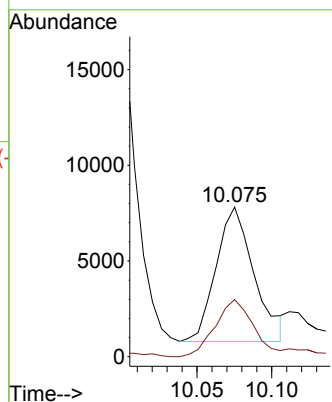
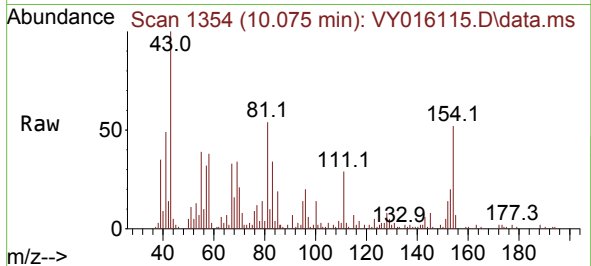




#51
4-Methyl-2-Pentanone
Concen: 9.323 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.006 min
Lab File: VY016115.D
Acq: 27 Oct 2023 19:40

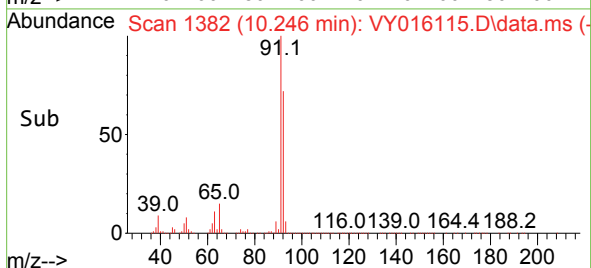
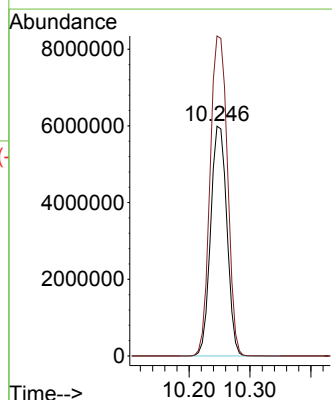
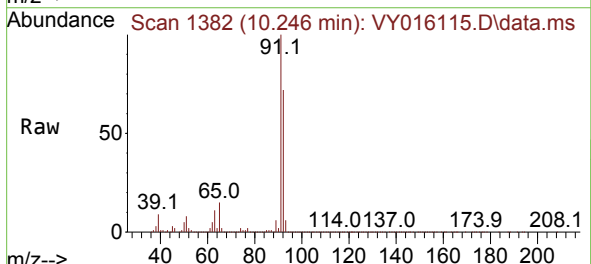
Instrument :
MSVOA_Y
ClientSampleId :

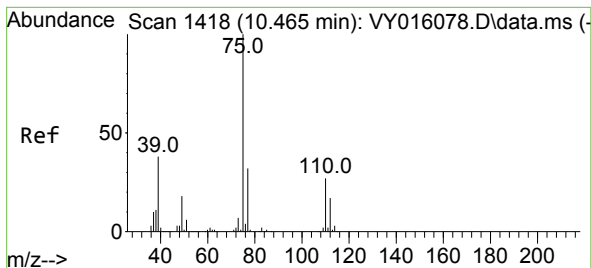
Tgt Ion: 43 Resp: 12396
Ion Ratio Lower Upper
43 100
58 42.6 29.0 43.6



#52
Toluene
Concen: 2315.413 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY016115.D
Acq: 27 Oct 2023 19:40

Tgt Ion: 92 Resp:11068695
Ion Ratio Lower Upper
92 100
91 148.9 143.8 215.6





#53

t-1,3-Dichloropropene

Concen: 52.153 ug/l

RT: 10.246 min Scan# 1418

Delta R.T. -0.219 min

Lab File: VY016115.D

Acq: 27 Oct 2023 19:40

Instrument :

MSVOA_Y

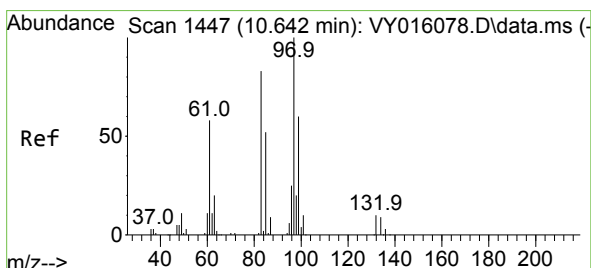
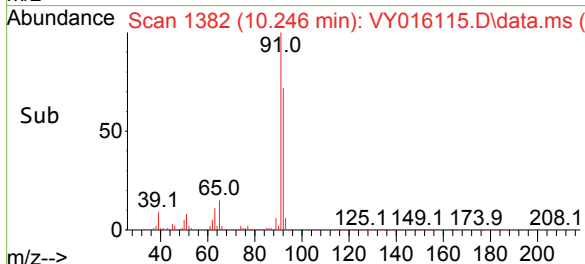
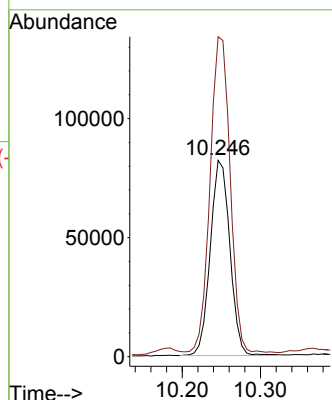
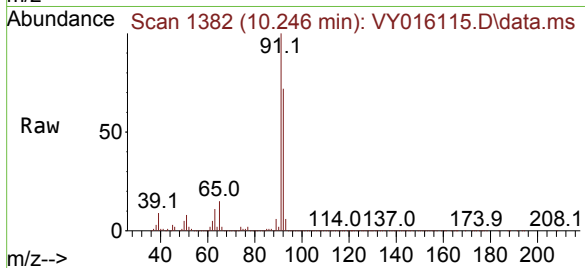
ClientSampleId :

Tgt Ion: 75 Resp: 142492

Ion Ratio Lower Upper

75 100

77 161.8 25.0 37.4#



#55

1,1,2-Trichloroethane

Concen: 51.555 ug/l

RT: 10.618 min Scan# 1443

Delta R.T. -0.024 min

Lab File: VY016115.D

Acq: 27 Oct 2023 19:40

Tgt Ion: 97 Resp: 80925

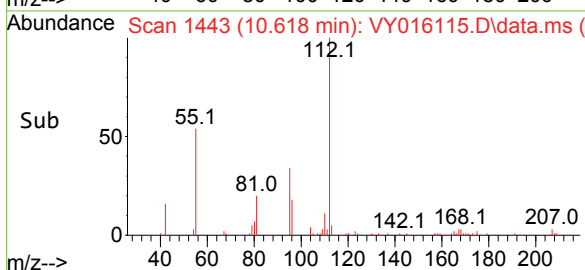
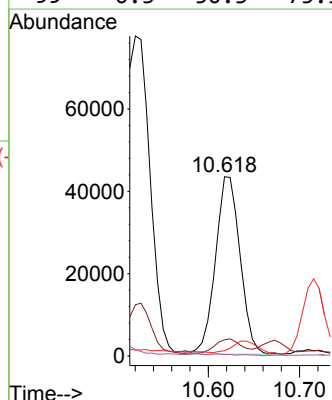
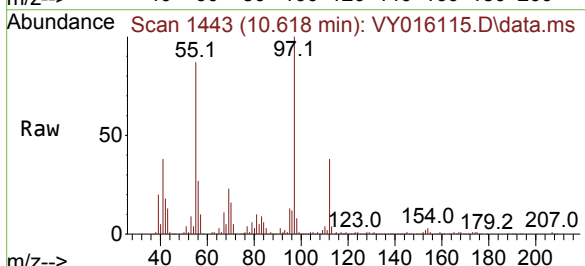
Ion Ratio Lower Upper

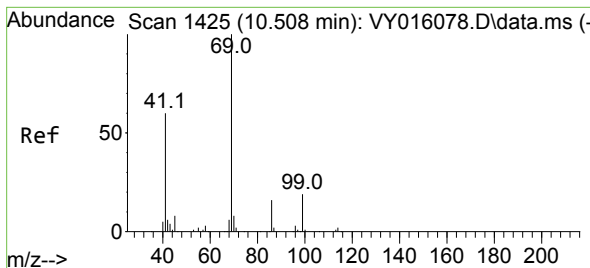
97 100

83 7.5 72.0 108.0#

85 1.9 45.4 68.0#

99 0.3 50.3 75.5#





#56

Ethyl methacrylate

Concen: 22.975 ug/l

RT: 10.526 min Scan# 1425

Delta R.T. 0.018 min

Lab File: VY016115.D

Acq: 27 Oct 2023 19:40

Instrument :

MSVOA_Y

ClientSampleId :

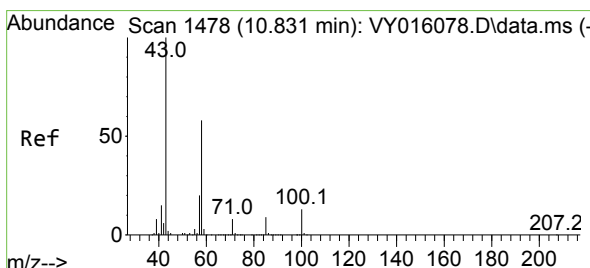
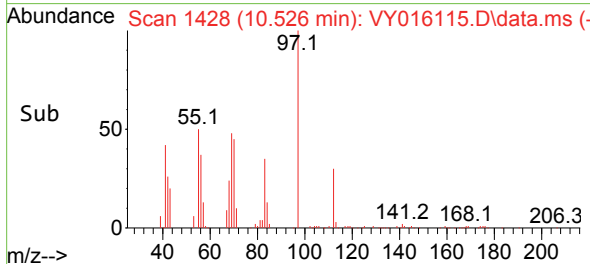
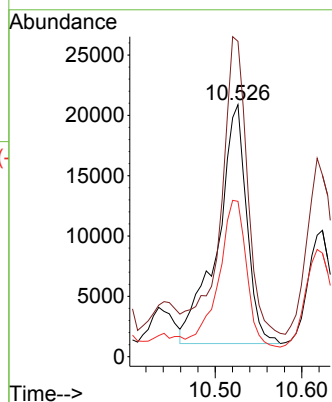
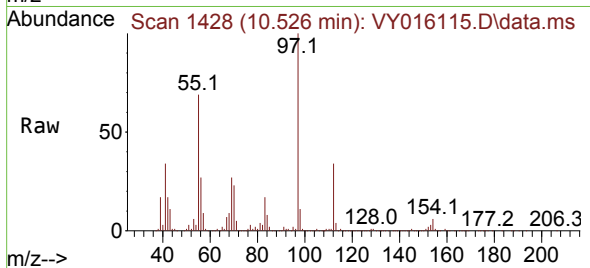
Tgt Ion: 69 Resp: 46348

Ion Ratio Lower Upper

69 100

41 109.9 57.6 86.4#

39 0.0 34.1 51.1#



#59

2-Hexanone

Concen: 86.365 ug/l

RT: 10.807 min Scan# 1474

Delta R.T. -0.024 min

Lab File: VY016115.D

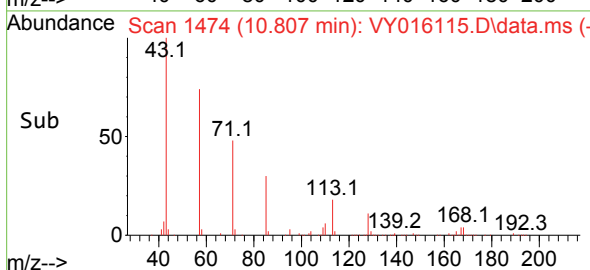
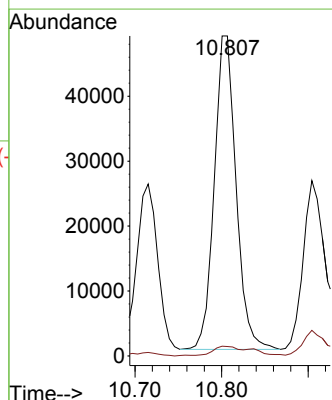
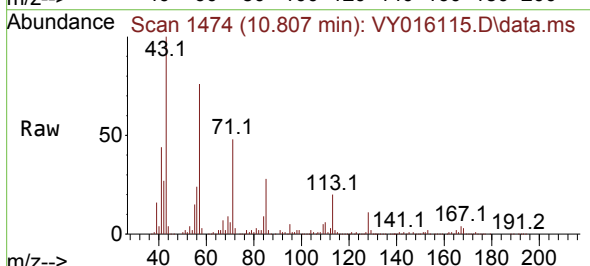
Acq: 27 Oct 2023 19:40

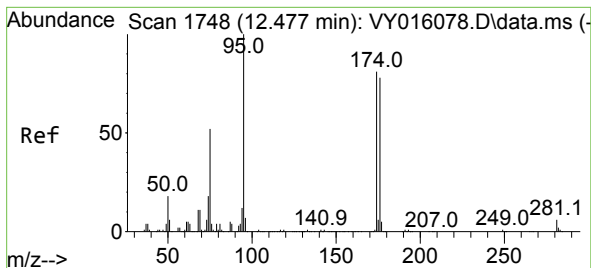
Tgt Ion: 43 Resp: 84593

Ion Ratio Lower Upper

43 100

58 3.9 25.1 75.3#

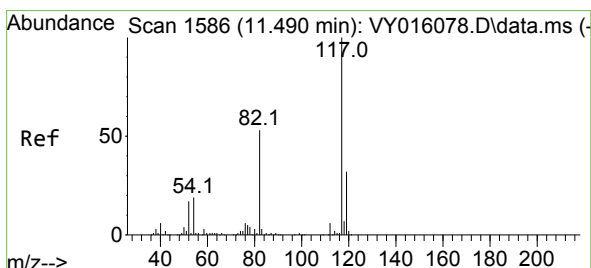
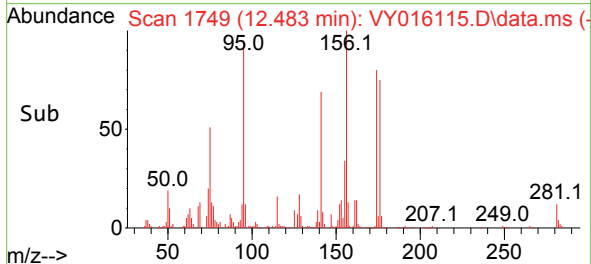
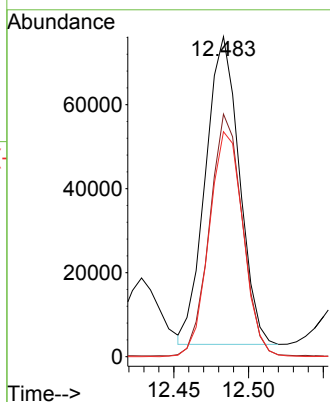
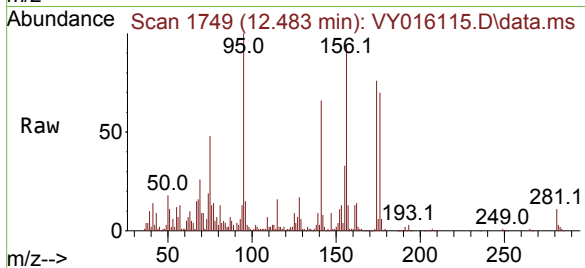




#62
4-Bromofluorobenzene
Concen: 48.060 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016115.D
Acq: 27 Oct 2023 19:40

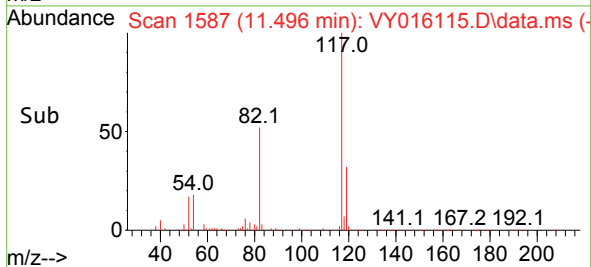
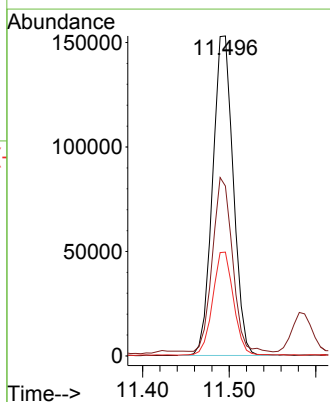
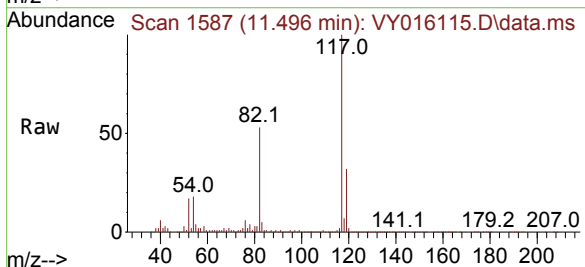
Instrument :
MSVOA_Y
ClientSampleId :

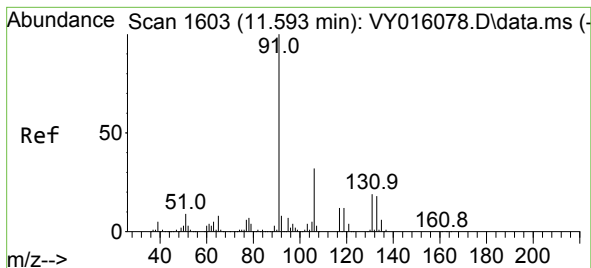
Tgt Ion: 95 Resp: 115191
Ion Ratio Lower Upper
95 100
174 76.4 0.0 178.2
176 73.7 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY016115.D
Acq: 27 Oct 2023 19:40

Tgt Ion: 117 Resp: 253383
Ion Ratio Lower Upper
117 100
82 51.7 43.4 65.0
119 32.2 26.3 39.5





#67

Ethyl Benzene

Concen: 300.224 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. -0.000 min

Lab File: VY016115.D

Acq: 27 Oct 2023 19:40

Instrument :

MSVOA_Y

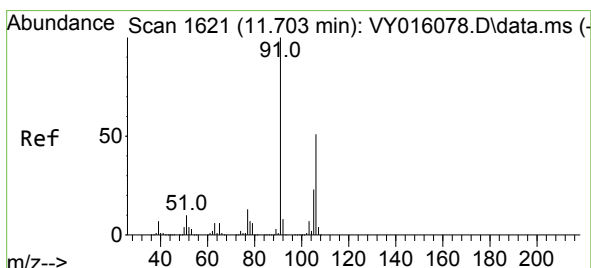
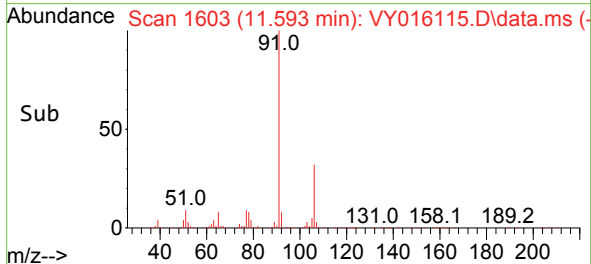
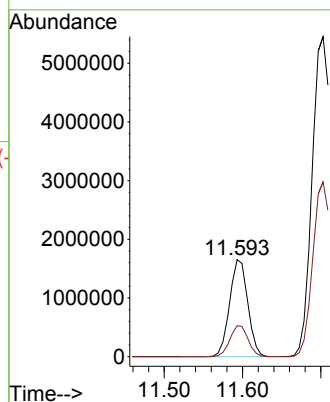
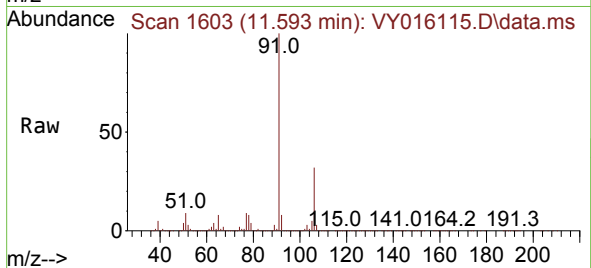
ClientSampleId :

Tgt Ion: 91 Resp: 2655301

Ion Ratio Lower Upper

91 100

106 31.9 24.6 36.8



#68

m/p-Xylenes

Concen: 1529.203 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.000 min

Lab File: VY016115.D

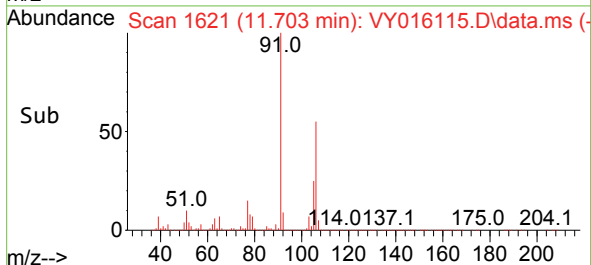
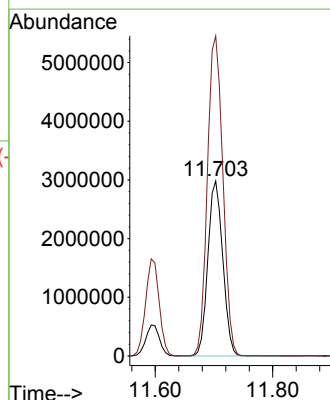
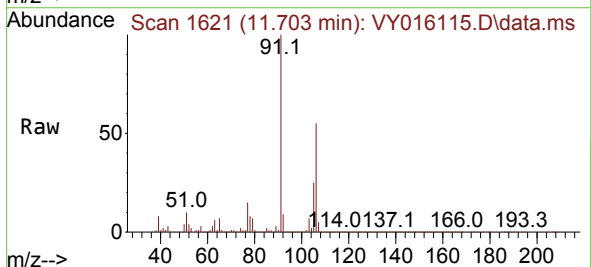
Acq: 27 Oct 2023 19:40

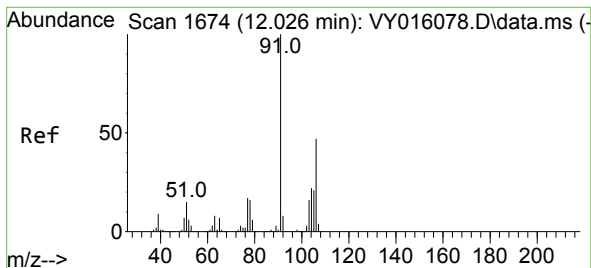
Tgt Ion:106 Resp: 5233997

Ion Ratio Lower Upper

106 100

91 189.9 166.1 249.1





#69

o-Xylene

Concen: 725.085 ug/l

RT: 12.032 min Scan# 1675

Delta R.T. 0.006 min

Lab File: VY016115.D

Acq: 27 Oct 2023 19:40

Instrument :

MSVOA_Y

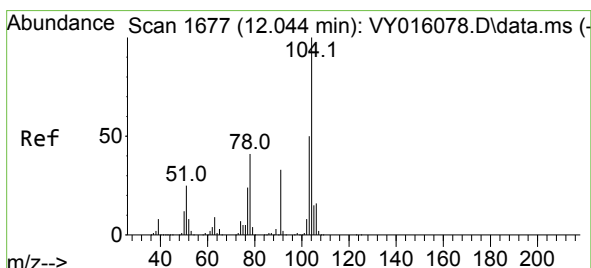
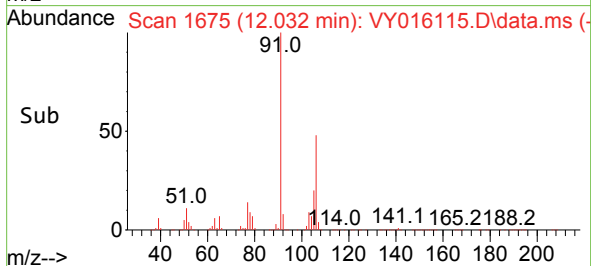
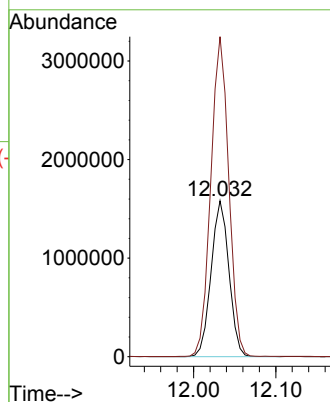
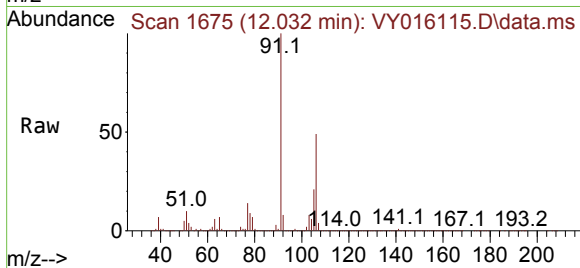
ClientSampleId :

Tgt Ion:106 Resp: 2375905

Ion Ratio Lower Upper

106 100

91 207.0 108.1 324.3



#70

Styrene

Concen: 108.992 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY016115.D

Acq: 27 Oct 2023 19:40

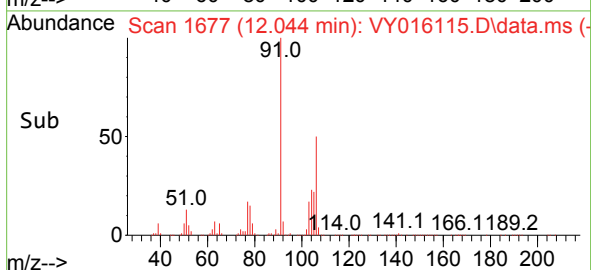
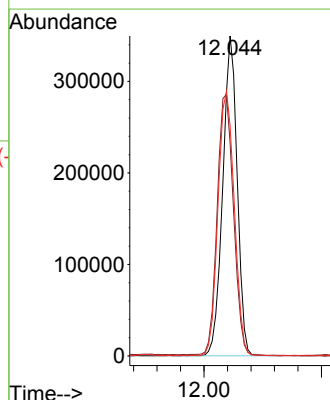
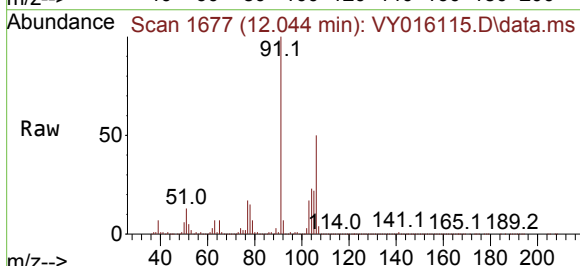
Tgt Ion:104 Resp: 595319

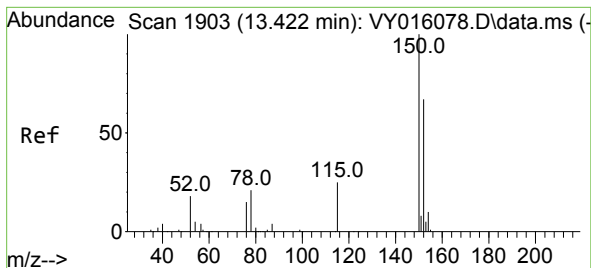
Ion Ratio Lower Upper

104 100

78 92.0 41.5 62.3#

103 93.1 44.6 67.0#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1903

Delta R.T. 0.006 min

Lab File: VY016115.D

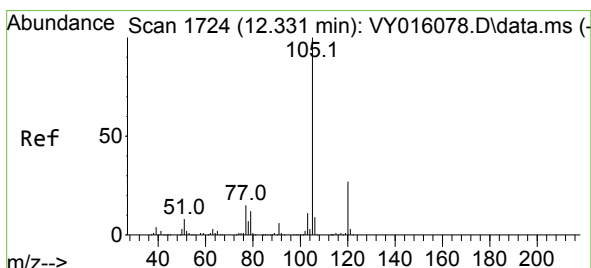
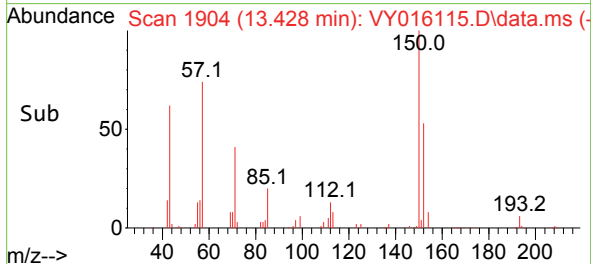
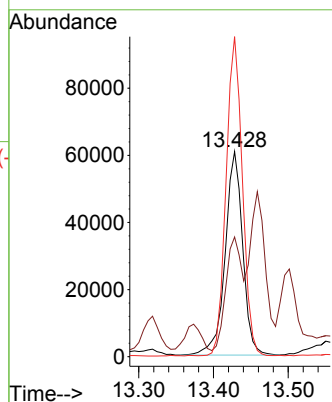
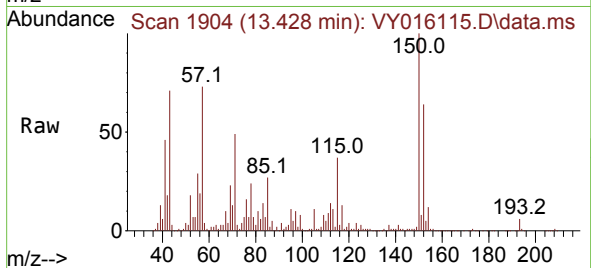
Acq: 27 Oct 2023 19:40

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	152	Resp:	99255
Ion Ratio	Lower	Upper	
152	100		
115	51.6	28.8	86.5
150	145.5	0.0	348.8



#73

Isopropylbenzene

Concen: 38.630 ug/l

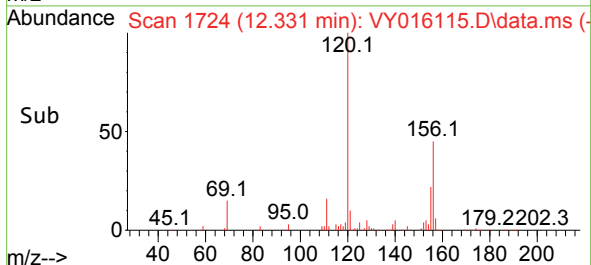
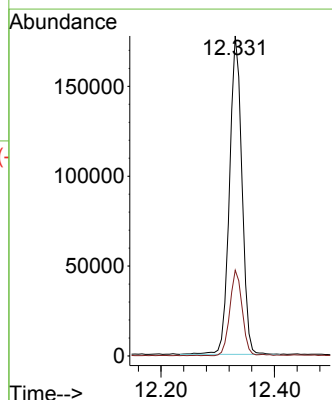
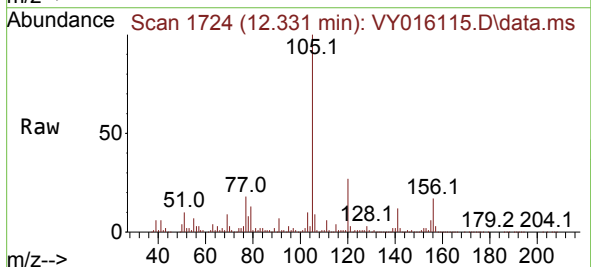
RT: 12.331 min Scan# 1724

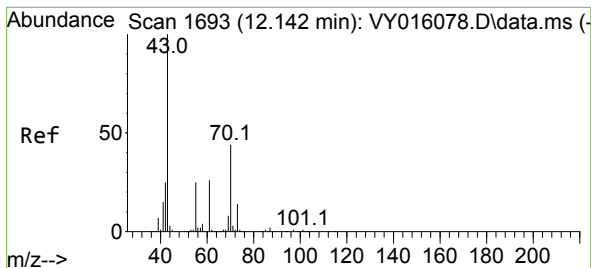
Delta R.T. 0.000 min

Lab File: VY016115.D

Acq: 27 Oct 2023 19:40

Tgt Ion:	105	Resp:	269837
Ion Ratio	Lower	Upper	
105	100		
120	26.5	13.3	39.9





#74

N-amy1 acetate

Concen: 33.962 ug/l

RT: 12.124 min Scan# 1

Delta R.T. -0.018 min

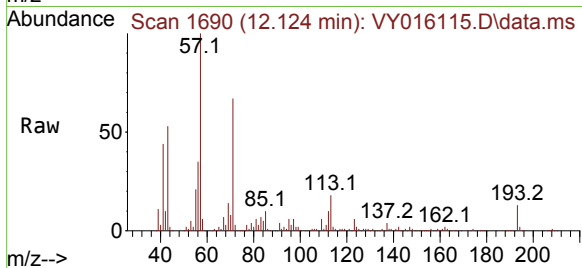
Lab File: VY016115.D

Acq: 27 Oct 2023 19:40

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 43 Resp: 57845

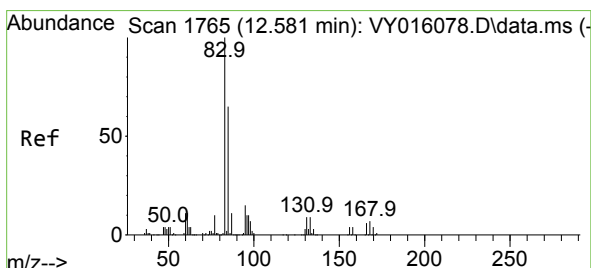
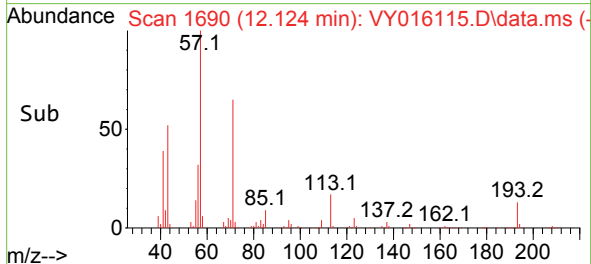
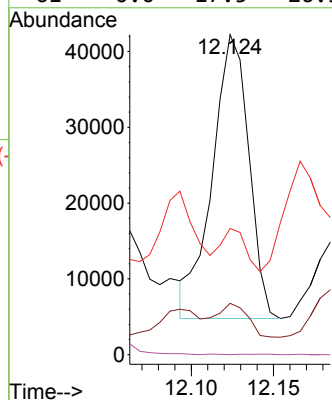
Ion Ratio Lower Upper

43 100

70 9.0 29.7 44.5#

55 11.2 18.3 27.5#

61 0.0 17.5 26.3#



#75

1,1,2,2-Tetrachloroethane

Concen: 5.416 ug/l

RT: 12.532 min Scan# 1757

Delta R.T. -0.049 min

Lab File: VY016115.D

Acq: 27 Oct 2023 19:40

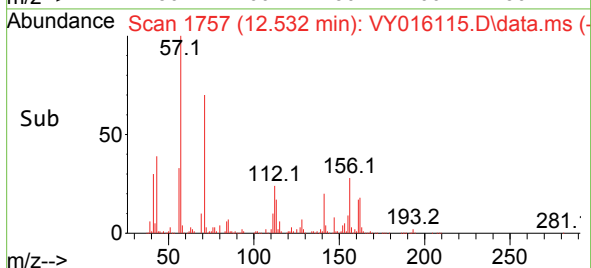
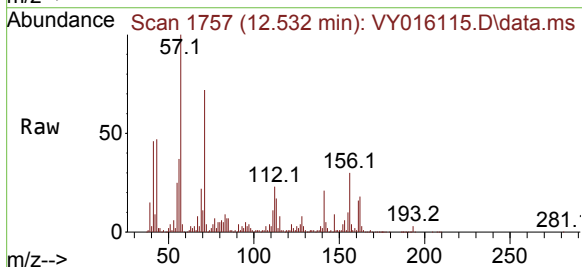
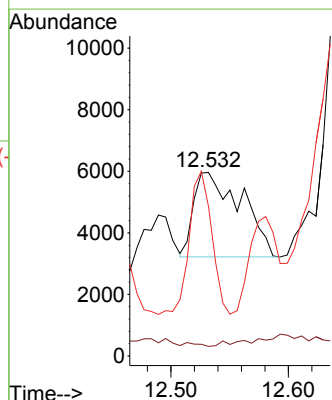
Tgt Ion: 83 Resp: 7734

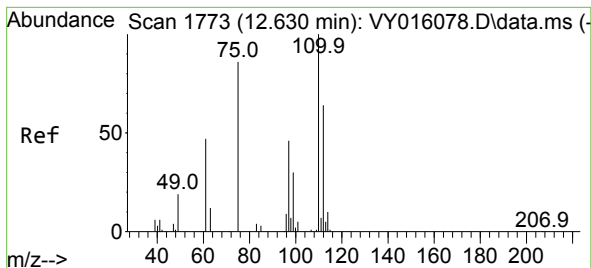
Ion Ratio Lower Upper

83 100

131 0.0 5.4 16.2#

85 79.4 31.8 95.4





#76

1,2,3-Trichloropropane

Concen: 3.114 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.043 min

Lab File: VY016115.D

Acq: 27 Oct 2023 19:40

Instrument :

MSVOA_Y

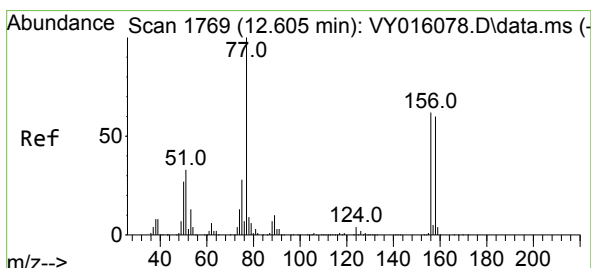
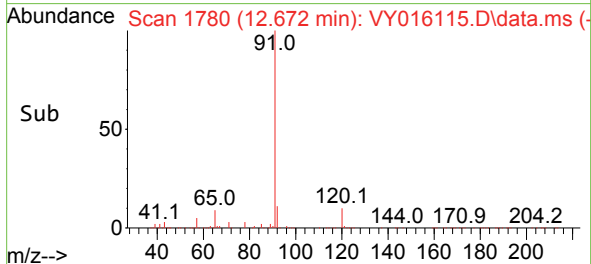
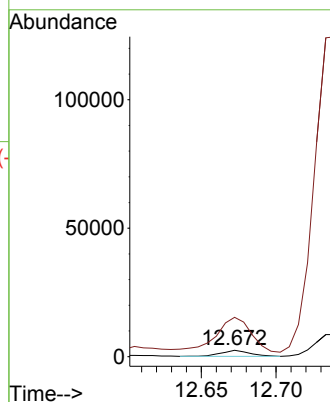
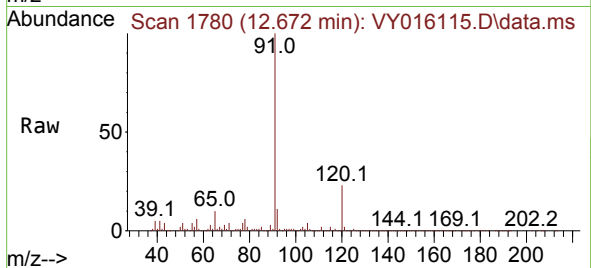
ClientSampleId :

Tgt Ion: 75 Resp: 3156

Ion Ratio Lower Upper

75 100

77 701.0 0.0 0.0#



#77

Bromobenzene

Concen: 280.836 ug/l

RT: 12.404 min Scan# 1736

Delta R.T. -0.201 min

Lab File: VY016115.D

Acq: 27 Oct 2023 19:40

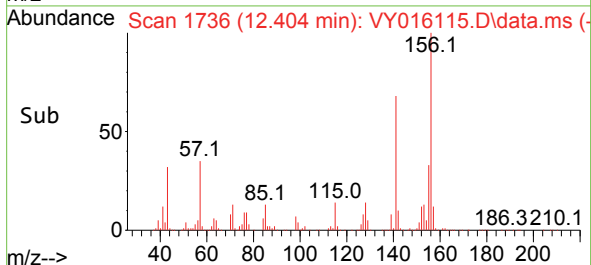
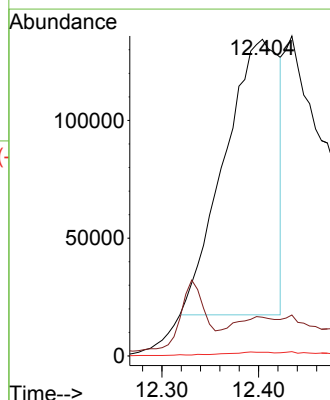
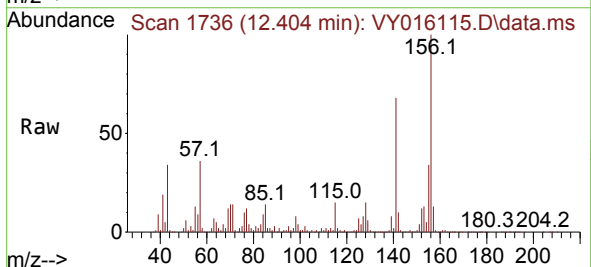
Tgt Ion:156 Resp: 457827

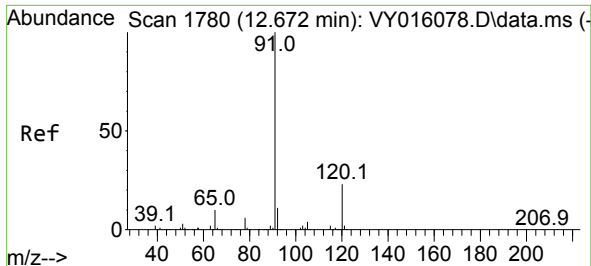
Ion Ratio Lower Upper

156 100

77 3.2 92.8 278.6#

158 0.8 48.4 145.3#

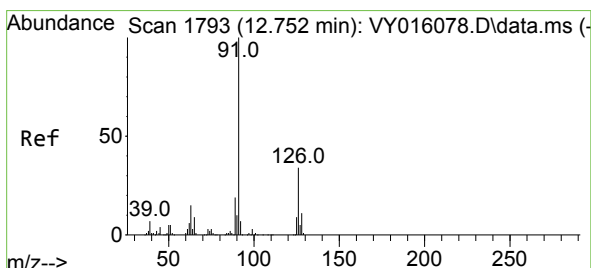
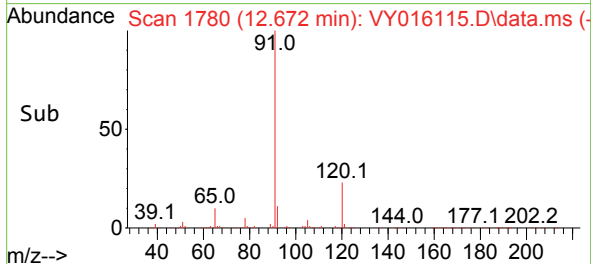
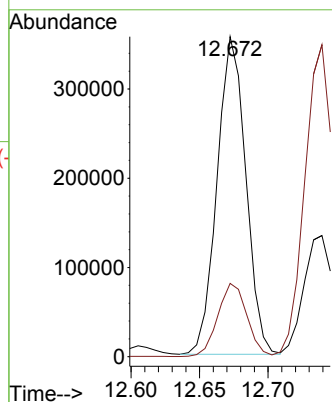
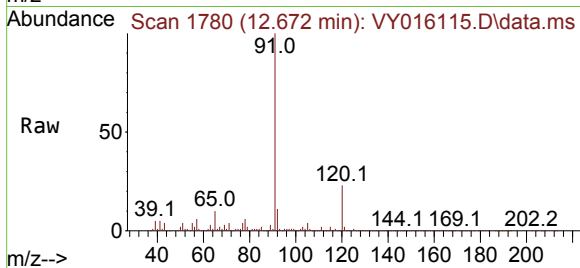




#78
n-propylbenzene
Concen: 61.400 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. -0.000 min
Lab File: VY016115.D
Acq: 27 Oct 2023 19:40

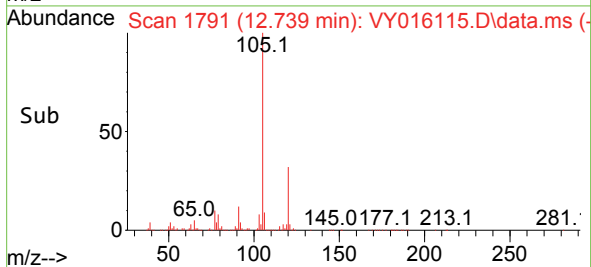
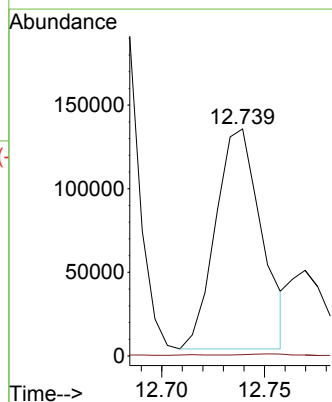
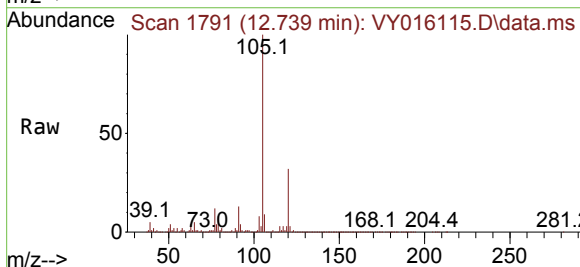
Instrument :
MSVOA_Y
ClientSampleId :

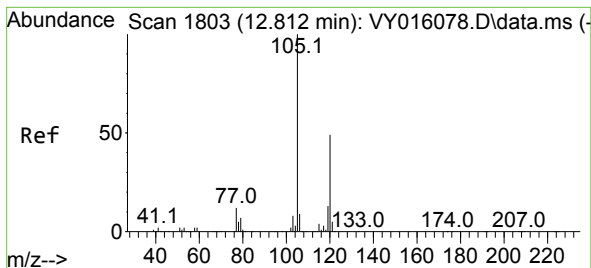
Tgt Ion: 91 Resp: 519306
Ion Ratio Lower Upper
91 100
120 23.3 11.5 34.4



#79
2-Chlorotoluene
Concen: 43.243 ug/l
RT: 12.739 min Scan# 1791
Delta R.T. -0.012 min
Lab File: VY016115.D
Acq: 27 Oct 2023 19:40

Tgt Ion: 91 Resp: 204836
Ion Ratio Lower Upper
91 100
126 0.6 17.3 51.7#





#80

1,3,5-Trimethylbenzene

Concen: 279.504 ug/l

RT: 12.812 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY016115.D

Acq: 27 Oct 2023 19:40

Instrument :

MSVOA_Y

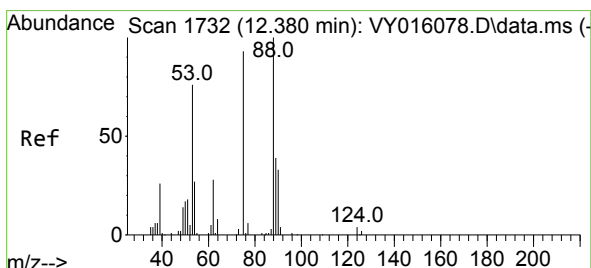
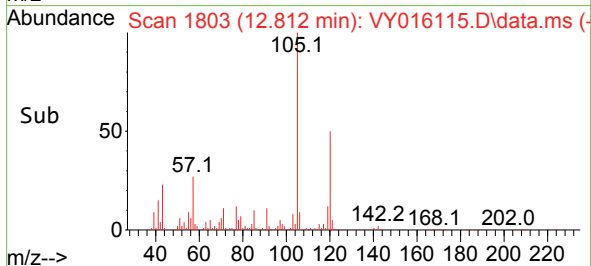
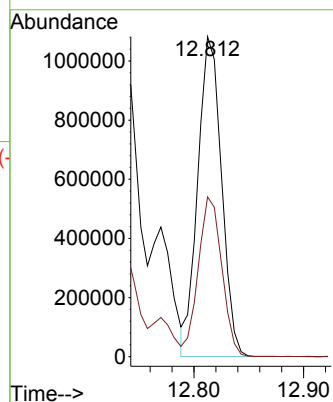
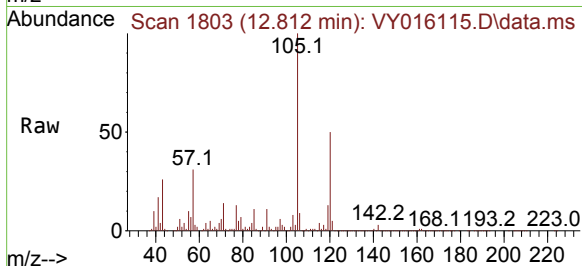
ClientSampleId :

Tgt Ion:105 Resp: 1620976

Ion Ratio Lower Upper

105 100

120 49.7 23.9 71.7



#81

trans-1,4-Dichloro-2-butene

Concen: 37.230 ug/l

RT: 12.404 min Scan# 1736

Delta R.T. 0.024 min

Lab File: VY016115.D

Acq: 27 Oct 2023 19:40

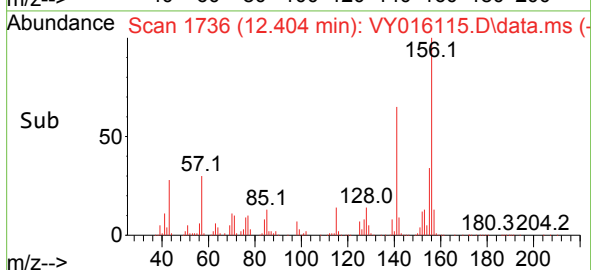
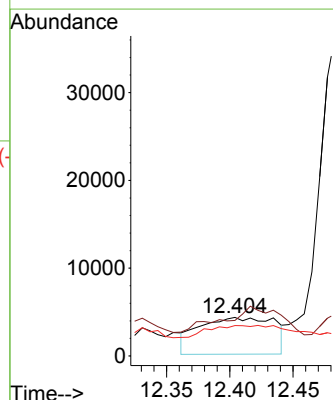
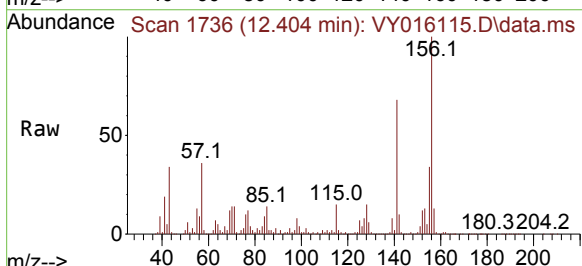
Tgt Ion: 75 Resp: 17361

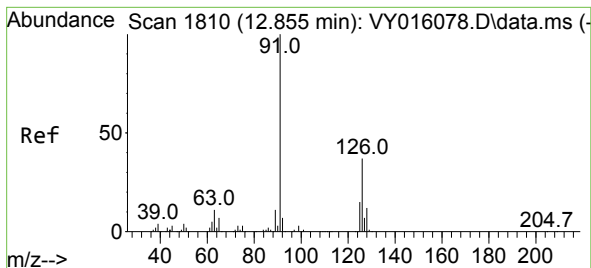
Ion Ratio Lower Upper

75 100

53 59.8 77.8 116.8#

89 18.0 37.4 56.0#





#82

4-Chlorotoluene

Concen: 5.472 ug/l

RT: 13.081 min Scan# 1847

Delta R.T. 0.226 min

Lab File: VY016115.D

Acq: 27 Oct 2023 19:40

Instrument :

MSVOA_Y

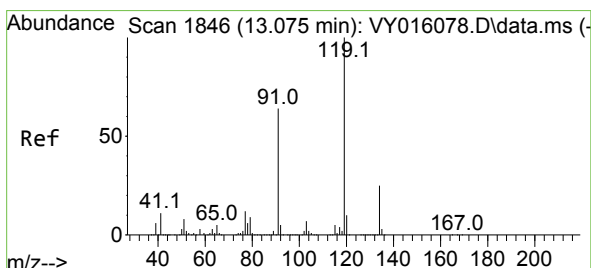
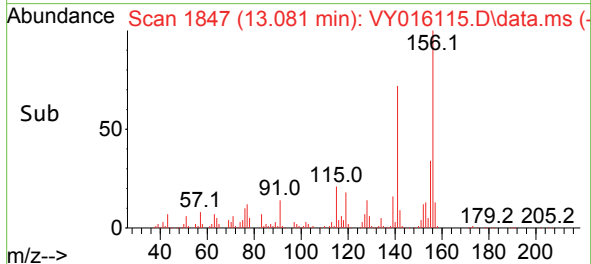
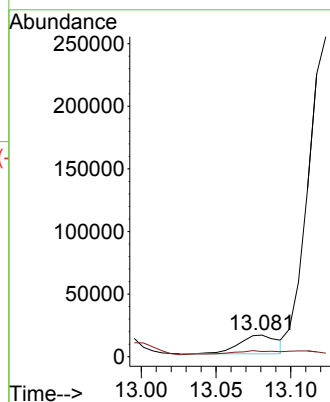
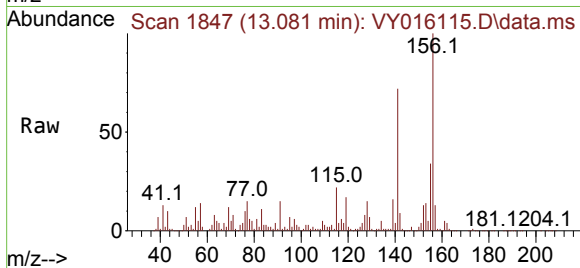
ClientSampleId :

Tgt Ion: 91 Resp: 26883

Ion Ratio Lower Upper

91 100

126 20.2 17.2 51.6



#83

tert-Butylbenzene

Concen: 6.149 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. -0.000 min

Lab File: VY016115.D

Acq: 27 Oct 2023 19:40

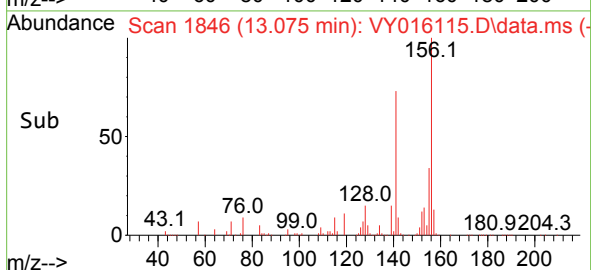
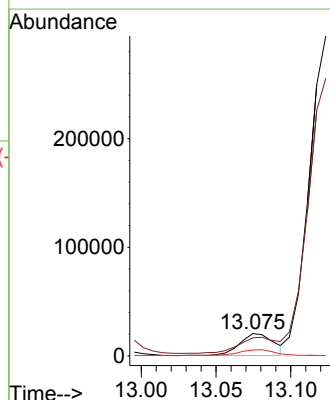
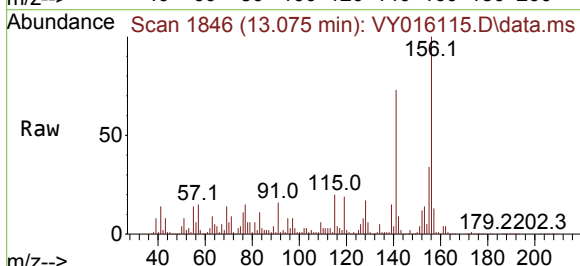
Tgt Ion: 119 Resp: 31699

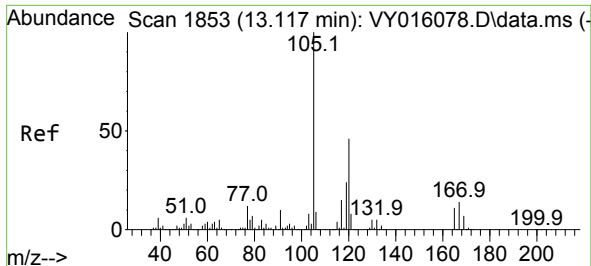
Ion Ratio Lower Upper

119 100

91 84.8 32.9 98.6

134 30.0 13.0 38.9

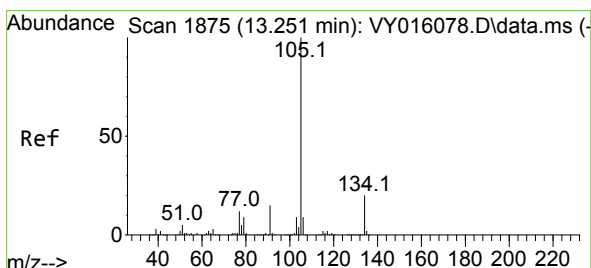
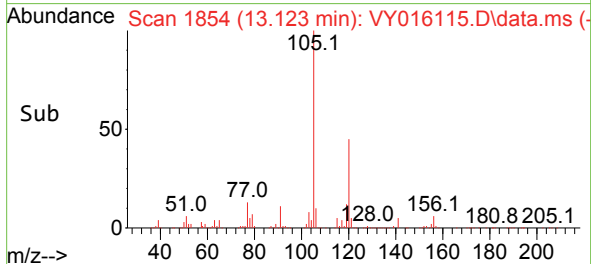
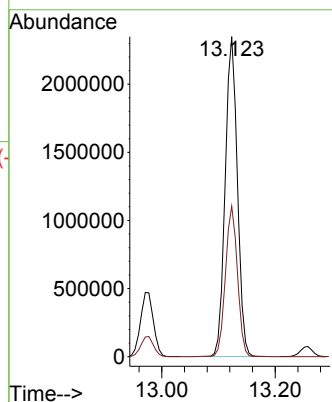
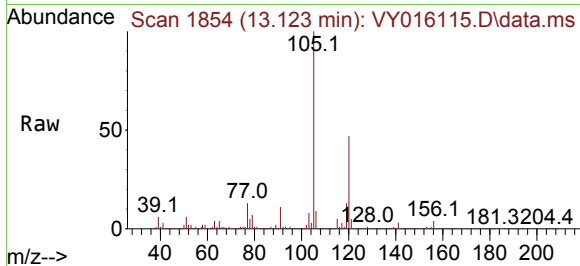




#84
1,2,4-Trimethylbenzene
Concen: 610.531 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VY016115.D
Acq: 27 Oct 2023 19:40

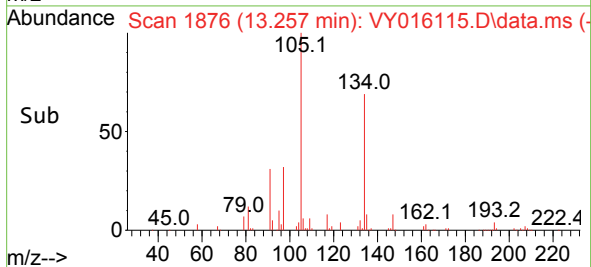
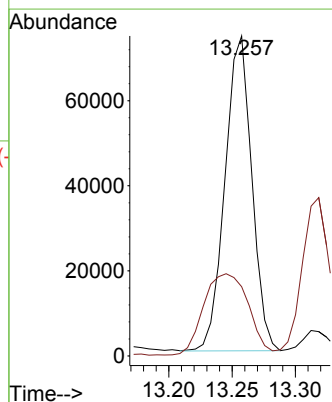
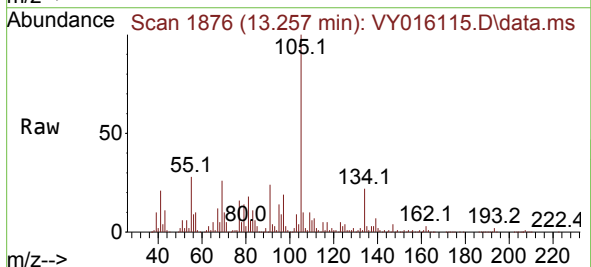
Instrument :
MSVOA_Y
ClientSampleId :

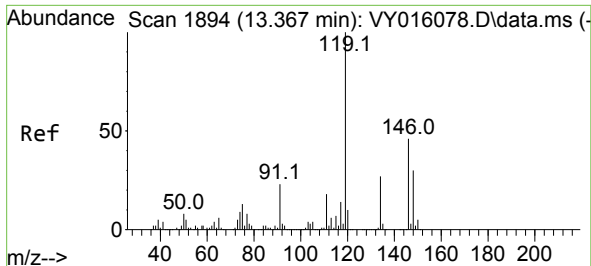
Tgt Ion:105 Resp: 3496962
Ion Ratio Lower Upper
105 100
120 46.4 22.2 66.6



#85
sec-Butylbenzene
Concen: 14.213 ug/l
RT: 13.257 min Scan# 1876
Delta R.T. 0.006 min
Lab File: VY016115.D
Acq: 27 Oct 2023 19:40

Tgt Ion:105 Resp: 109128
Ion Ratio Lower Upper
105 100
134 42.9 10.2 30.6#

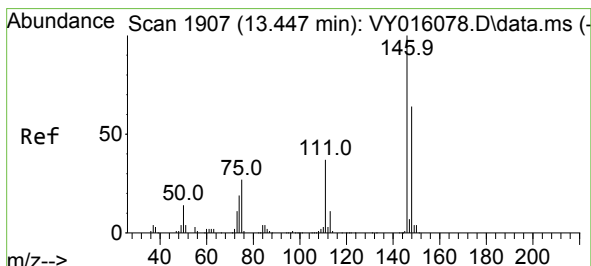
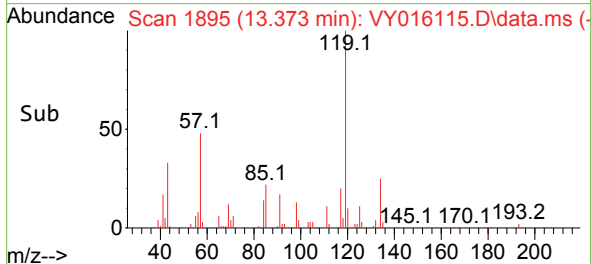
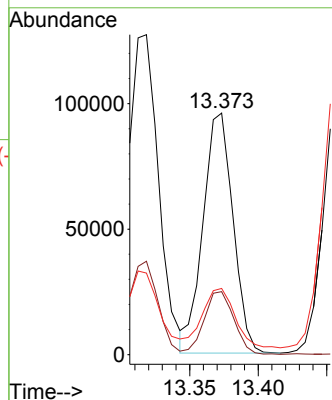
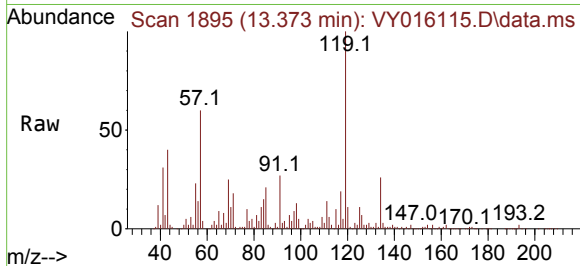




#86
p-Isopropyltoluene
Concen: 22.725 ug/l
RT: 13.373 min Scan# 119
Delta R.T. 0.006 min
Lab File: VY016115.D
Acq: 27 Oct 2023 19:40

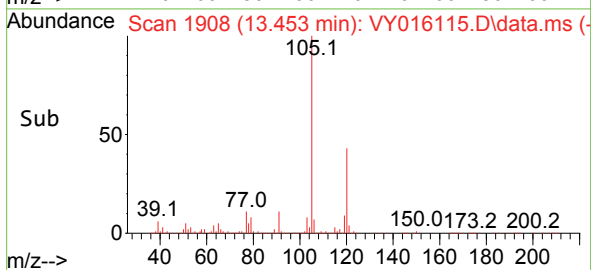
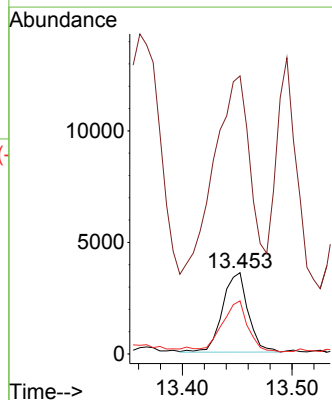
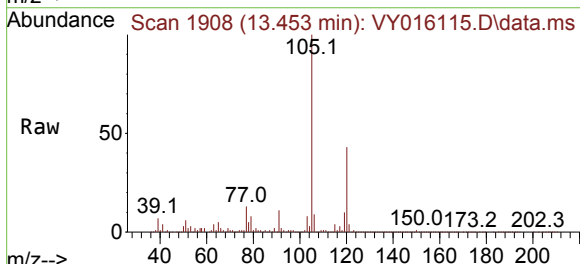
Instrument :
MSVOA_Y
ClientSampleId :

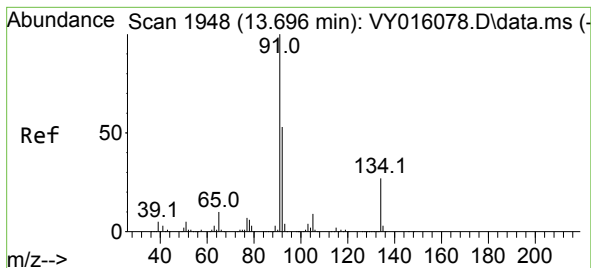
Tgt Ion:119 Resp: 145593
Ion Ratio Lower Upper
119 100
134 25.9 13.3 39.8
91 26.9 12.4 37.4



#88
1,4-Dichlorobenzene
Concen: 1.770 ug/l
RT: 13.453 min Scan# 1908
Delta R.T. 0.006 min
Lab File: VY016115.D
Acq: 27 Oct 2023 19:40

Tgt Ion:146 Resp: 5758
Ion Ratio Lower Upper
146 100
111 352.7 18.9 56.7#
148 65.4 32.1 96.5





#89

n-Butylbenzene

Concen: 13.153 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.000 min

Lab File: VY016115.D

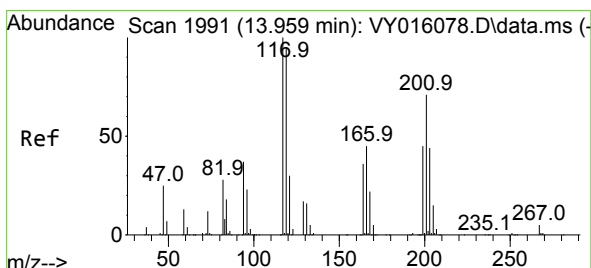
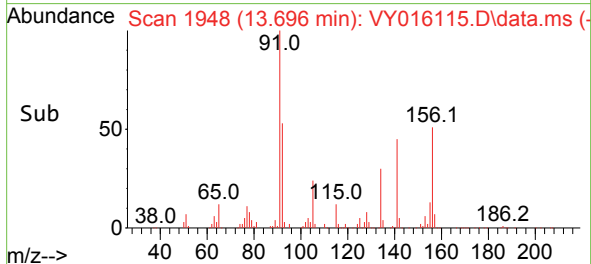
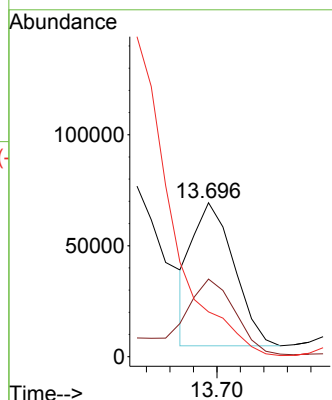
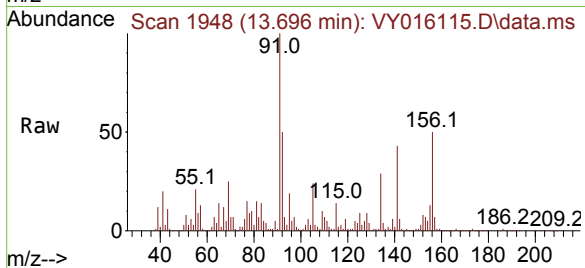
Acq: 27 Oct 2023 19:40

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	91	Resp:	78610
Ion	Ratio	Lower	Upper
91	100		
92	76.6	25.4	76.0#
134	0.0	12.6	37.6#



#90

Hexachloroethane

Concen: 32.199 ug/l

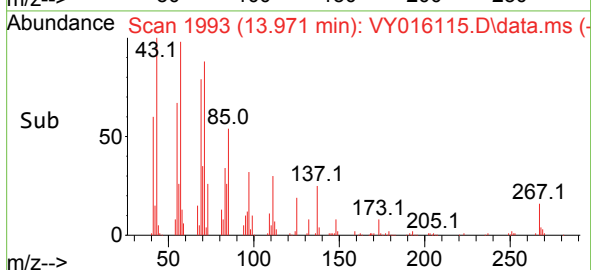
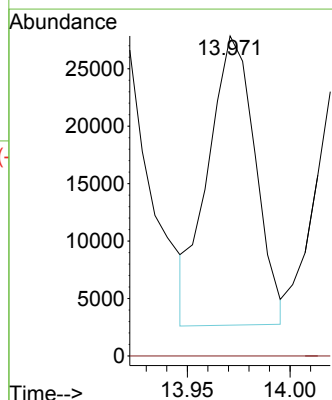
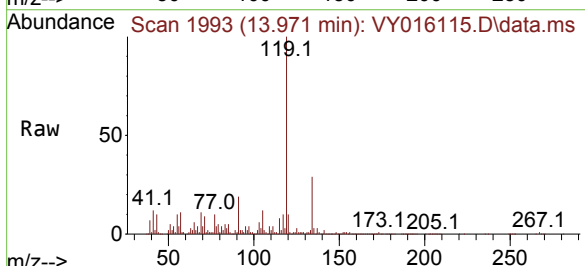
RT: 13.971 min Scan# 1993

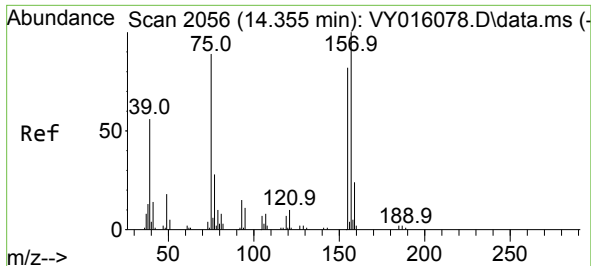
Delta R.T. 0.012 min

Lab File: VY016115.D

Acq: 27 Oct 2023 19:40

Tgt Ion:	117	Resp:	40163
Ion	Ratio	Lower	Upper
117	100		
201	0.0	41.6	124.8#

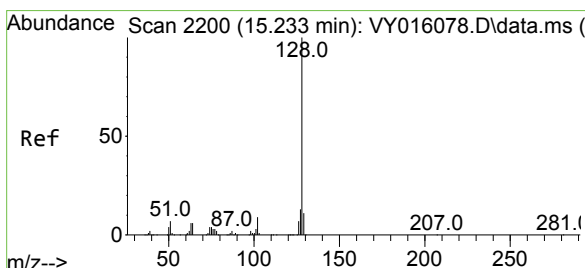
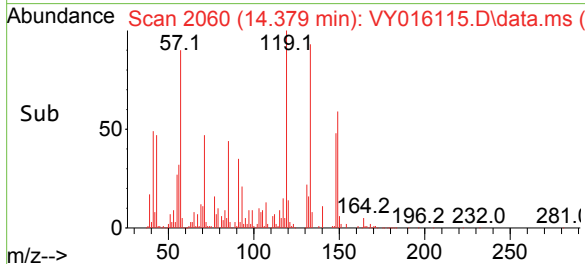
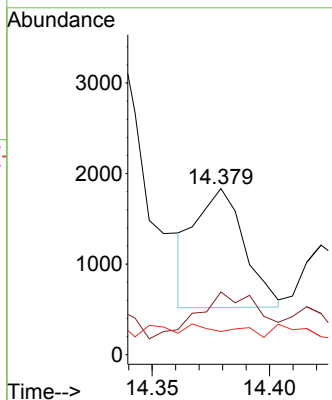
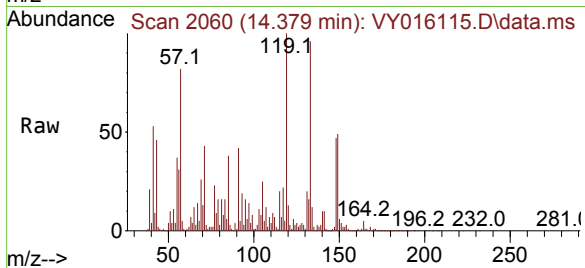




#92
1,2-Dibromo-3-Chloropropane
Concen: 8.502 ug/l
RT: 14.379 min Scan# 2056
Delta R.T. 0.024 min
Lab File: VY016115.D
Acq: 27 Oct 2023 19:40

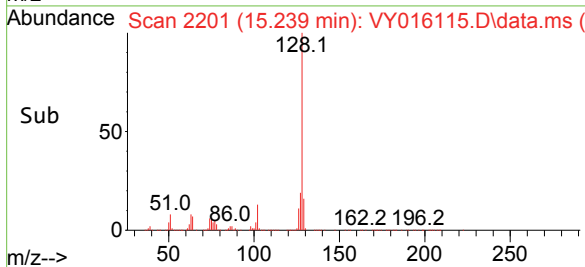
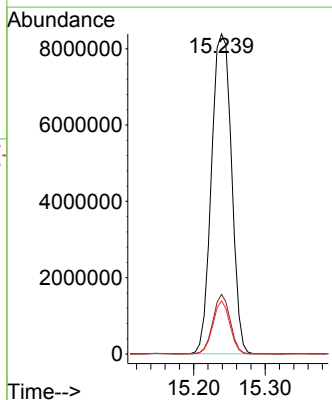
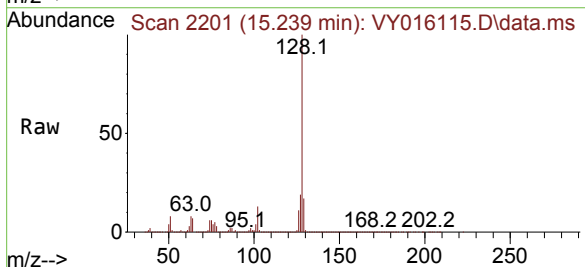
Instrument :
MSVOA_Y
ClientSampleId :

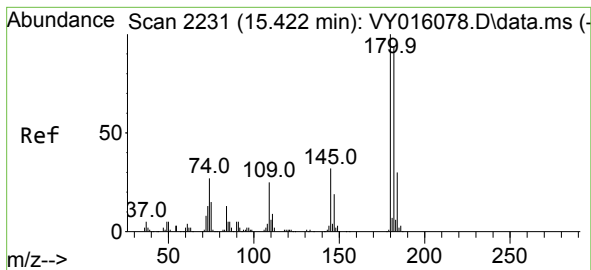
Tgt Ion: 75 Resp: 1906
Ion Ratio Lower Upper
75 100
155 49.7 41.5 124.6
157 9.9 51.8 155.5#



#95
Naphthalene
Concen: 4631.818 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.006 min
Lab File: VY016115.D
Acq: 27 Oct 2023 19:40

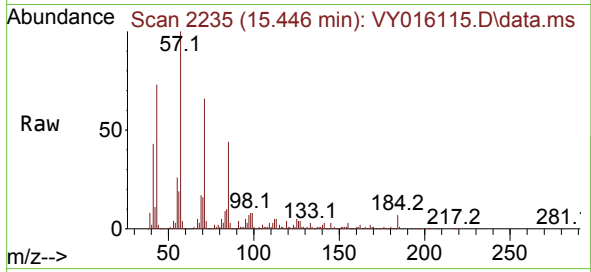
Tgt Ion: 128 Resp: 16287897
Ion Ratio Lower Upper
128 100
127 16.0 10.8 16.2
129 14.0 8.6 13.0#





#96
 1,2,3-Trichlorobenzene
 Concen: 1.709 ug/l
 RT: 15.446 min Scan# 21
 Delta R.T. 0.024 min
 Lab File: VY016115.D
 Acq: 27 Oct 2023 19:40

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:180 Resp: 2657
 Ion Ratio Lower Upper
 180 100
 182 0.0 47.3 141.8#
 145 0.0 15.4 46.2#

