

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081023\
 Data File : VY015024.D
 Acq On : 10 Aug 2023 13:54
 Operator : SY/MD
 Sample : 03943-02
 Misc : 5.81g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 10 14:44:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080723S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 08 07:44:56 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	8888	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	15120	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	14603	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	6219	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	6415	59.550	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.100%
35) Dibromofluoromethane	7.710	113	3571	36.933	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	73.860%
50) Toluene-d8	10.179	98	18150	49.318	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.640%
62) 4-Bromofluorobenzene	12.477	95	6660	51.060	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	102.120%
Target Compounds						
					Qvalue	
3) Chloromethane	2.113	50	874	12.495	ug/l	99
5) Bromomethane	2.662	94	1349	22.065	ug/l	89
6) Chloroethane	2.771	64	132	2.218	ug/l #	44
10) Methyl Iodide	4.100	142	2385	28.610	ug/l #	90
11) Tert butyl alcohol	4.930	59	619	23.809	ug/l #	89
15) Acrylonitrile	5.167	53	42	1.368	ug/l #	17
16) Acetone	3.960	43	1193	35.514	ug/l	96
17) Carbon Disulfide	4.192	76	319	2.054	ug/l #	76
20) Methylene Chloride	4.704	84	454	Below Cal		95
25) 2-Butanone	6.972	43	897	18.643	ug/l #	73
26) 2,2-Dichloropropane	6.966	77	710	4.540	ug/l #	54
29) Tetrahydrofuran	7.362	42	46	1.630	ug/l #	35
31) Cyclohexane	7.771	56	198	Below Cal	#	78
36) 1,1-Dichloropropene	7.795	75	733	6.106	ug/l #	41
38) Carbon Tetrachloride	7.789	117	973	7.210	ug/l #	12
40) Benzene	8.148	78	545	1.542	ug/l	100
48) Methyl methacrylate	9.301	41	92	1.184	ug/l #	13
51) 4-Methyl-2-Pentanone	10.075	43	407	4.080	ug/l #	69
59) 2-Hexanone	10.849	43	116	1.574	ug/l #	54
60) Dibromochloromethane	10.715	129	167	1.595	ug/l #	11
64) Tetrachloroethene	10.721	164	133	1.211	ug/l #	58
65) Chlorobenzene	11.508	112	370	1.335	ug/l #	43
67) Ethyl Benzene	11.587	91	1996	4.105	ug/l	96
68) m/p-Xylenes	11.709	106	1202	6.461	ug/l	79
69) o-Xylene	12.032	106	367	2.016	ug/l	80
73) Isopropylbenzene	12.331	105	530	1.268	ug/l #	66
76) 1,2,3-Trichloropropane	12.477	75	3484	46.754	ug/l #	100
77) Bromobenzene	12.605	156	313	3.087	ug/l	84
78) n-propylbenzene	12.764	91	698	1.396	ug/l	91
79) 2-Chlorotoluene	12.764	91	698	2.449	ug/l	96
80) 1,3,5-Trimethylbenzene	12.806	105	710	2.061	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.477	75	3484	103.000	ug/l #	10
82) 4-Chlorotoluene	12.764	91	698	2.369	ug/l	96
83) tert-Butylbenzene	13.062	119	519	1.647	ug/l #	77
84) 1,2,4-Trimethylbenzene	13.123	105	1372	3.975	ug/l	94
85) sec-Butylbenzene	13.251	105	746	1.613	ug/l	89

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

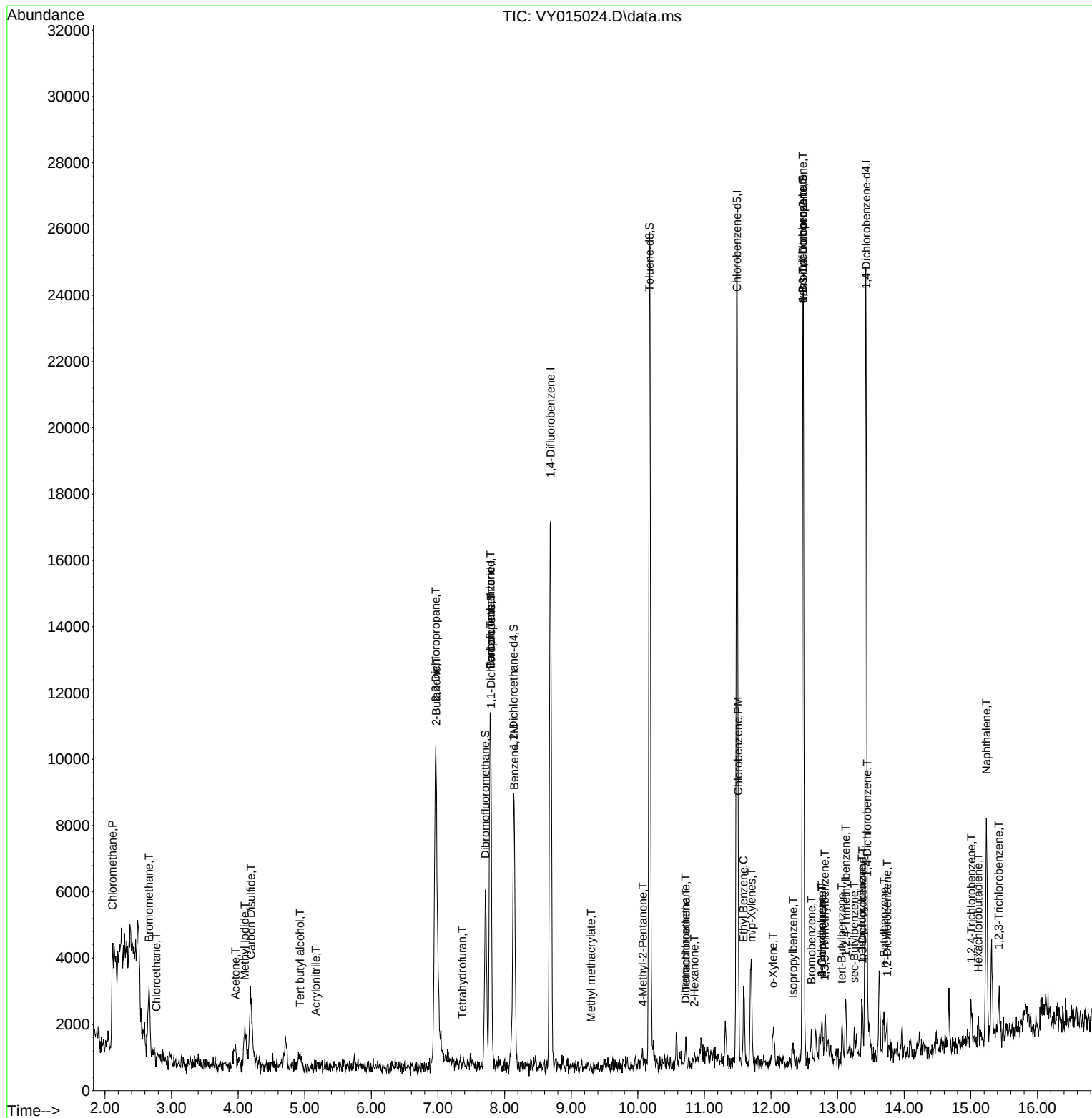
86) p-Isopropyltoluene	13.367	119	631	1.648	ug/l	85
87) 1,3-Dichlorobenzene	13.373	146	415	2.091	ug/l	81
88) 1,4-Dichlorobenzene	13.446	146	550	2.779	ug/l	97
89) n-Butylbenzene	13.696	91	833	2.316	ug/l	90
91) 1,2-Dichlorobenzene	13.745	146	620	3.385	ug/l	90
93) 1,2,4-Trichlorobenzene	15.007	180	452	3.856	ug/l	88
94) Hexachlorobutadiene	15.111	225	242	3.807	ug/l #	64
95) Naphthalene	15.233	128	5539	20.082	ug/l	97
96) 1,2,3-Trichlorobenzene	15.422	180	528	4.976	ug/l	83

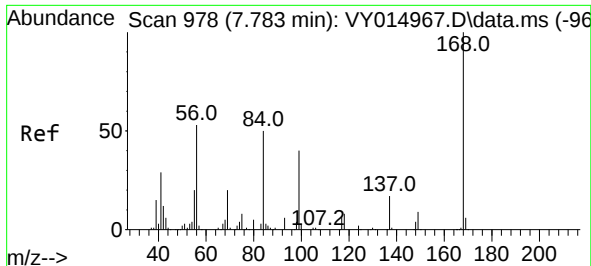
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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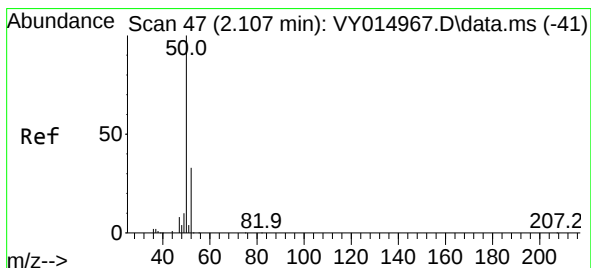
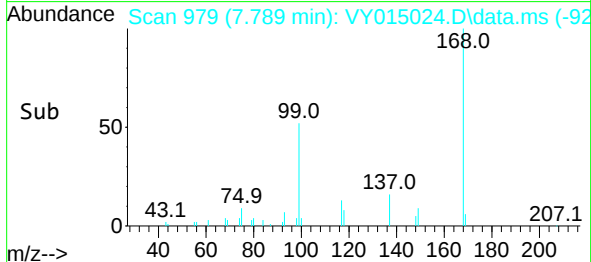
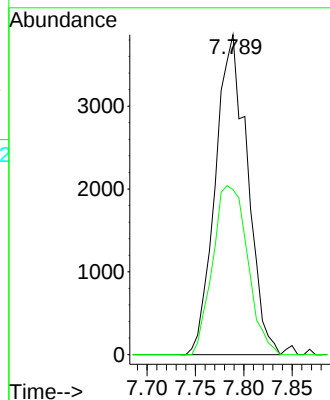
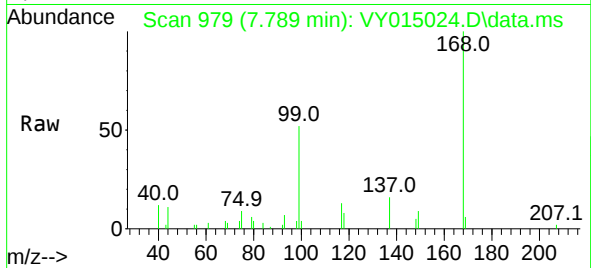




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015024.D
Acq: 10 Aug 2023 13:54

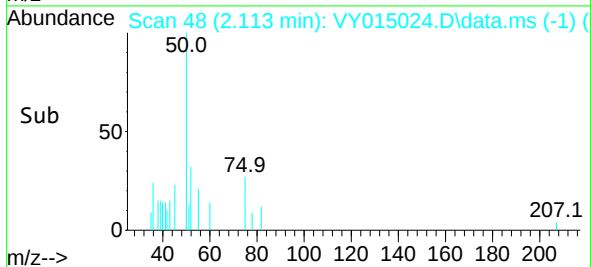
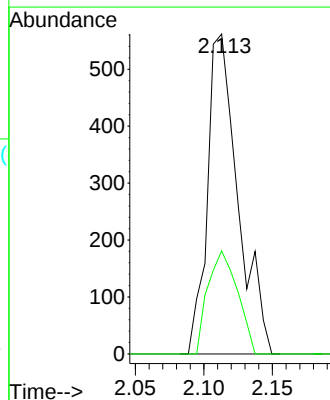
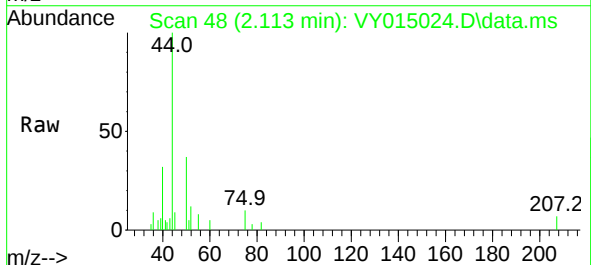
Instrument :
MSVOA_Y
ClientSampleId :

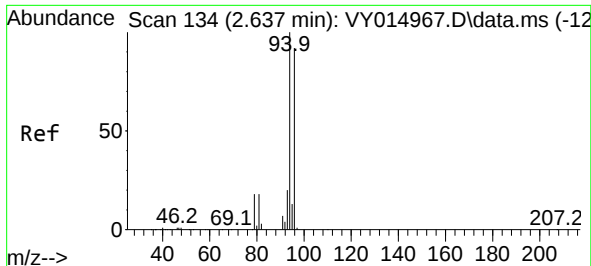
Tgt Ion:168 Resp: 8888
Ion Ratio Lower Upper
168 100
99 51.6 43.4 65.0



#3
Chloromethane
Concen: 12.495 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.006 min
Lab File: VY015024.D
Acq: 10 Aug 2023 13:54

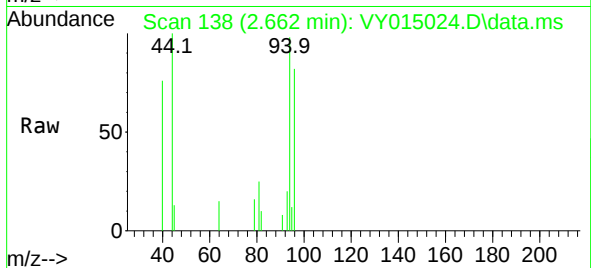
Tgt Ion: 50 Resp: 874
Ion Ratio Lower Upper
50 100
52 32.2 25.4 38.2



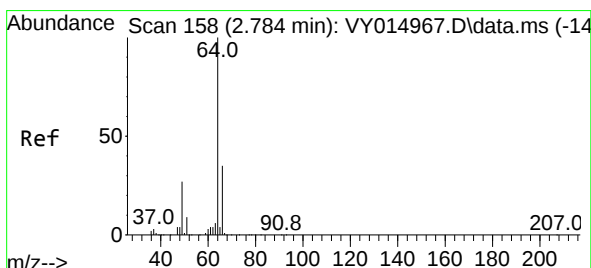
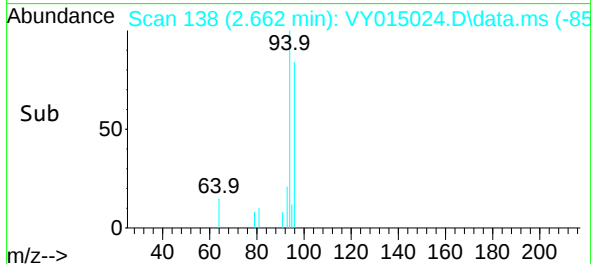
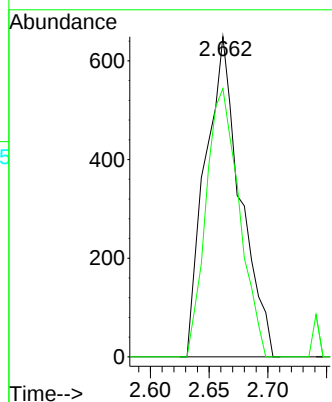


#5
Bromomethane
Concen: 22.065 ug/l
RT: 2.662 min Scan# 11
Delta R.T. 0.025 min
Lab File: VY015024.D
Acq: 10 Aug 2023 13:54

Instrument :
MSVOA_Y
ClientSampleId :

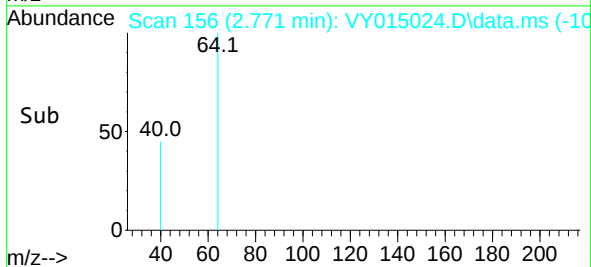
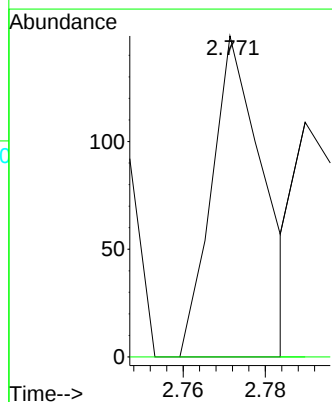
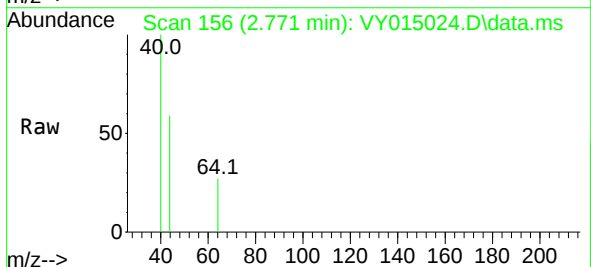


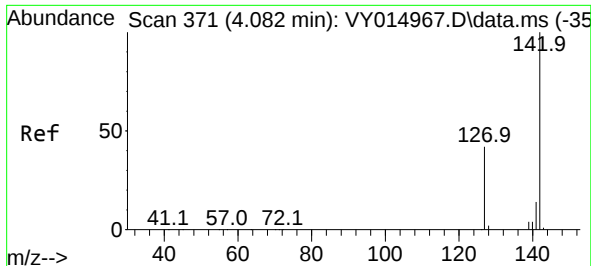
Tgt Ion: 94 Resp: 1349
Ion Ratio Lower Upper
94 100
96 83.8 75.8 113.6



#6
Chloroethane
Concen: 2.218 ug/l
RT: 2.771 min Scan# 156
Delta R.T. -0.012 min
Lab File: VY015024.D
Acq: 10 Aug 2023 13:54

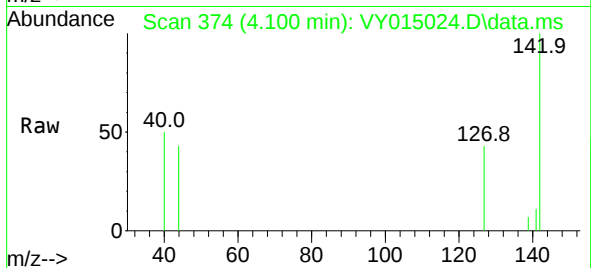
Tgt Ion: 64 Resp: 132
Ion Ratio Lower Upper
64 100
66 0.0 24.4 36.6#



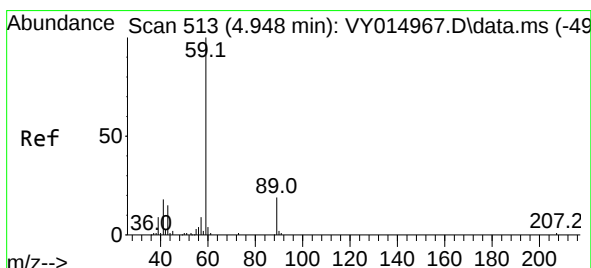
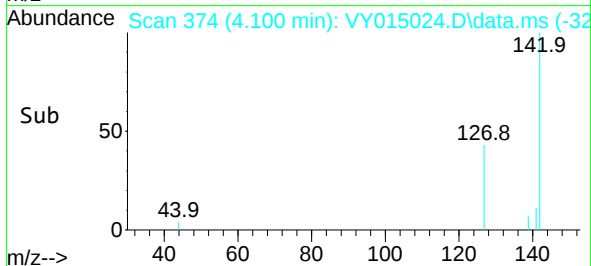
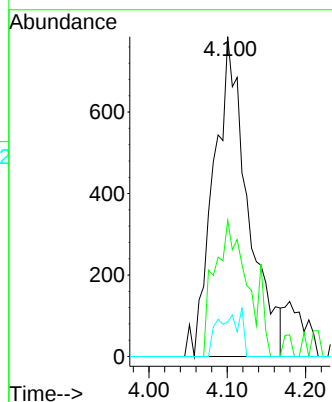


#10
Methyl Iodide
Concen: 28.610 ug/l
RT: 4.100 min Scan# 31
Delta R.T. 0.018 min
Lab File: VY015024.D
Acq: 10 Aug 2023 13:54

Instrument :
MSVOA_Y
ClientSampleId :

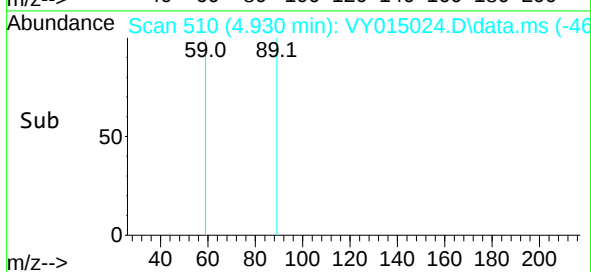
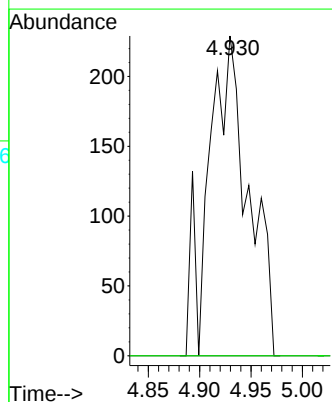
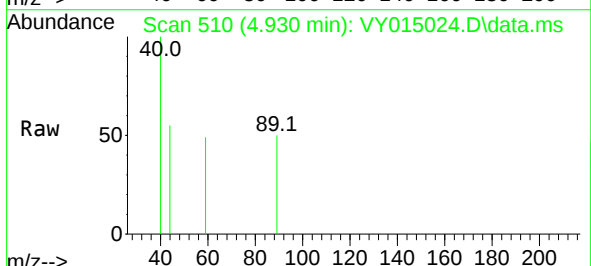


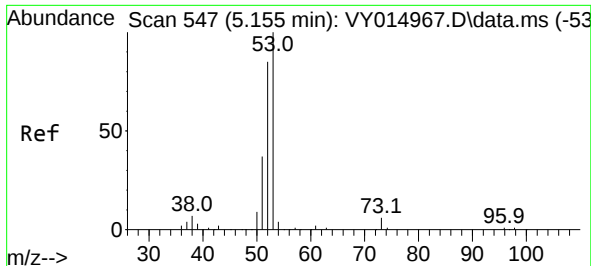
Tgt Ion:142 Resp: 2385
Ion Ratio Lower Upper
142 100
127 41.4 37.6 56.4
141 9.4 11.8 17.8#



#11
Tert butyl alcohol
Concen: 23.809 ug/l
RT: 4.930 min Scan# 510
Delta R.T. -0.018 min
Lab File: VY015024.D
Acq: 10 Aug 2023 13:54

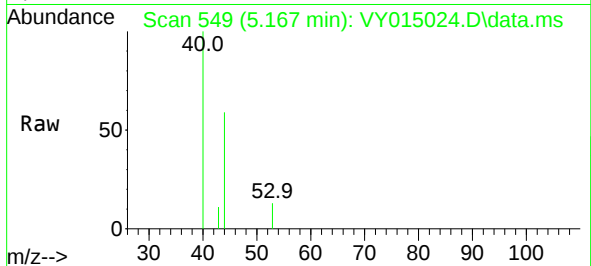
Tgt Ion: 59 Resp: 619
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#



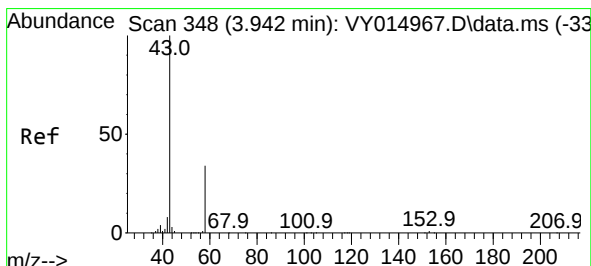
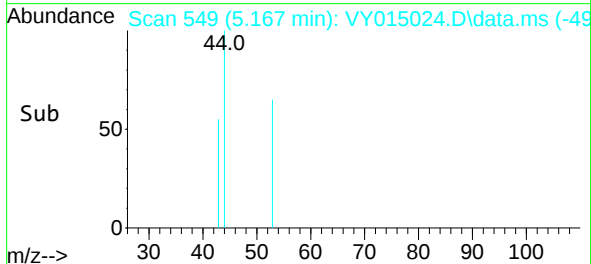
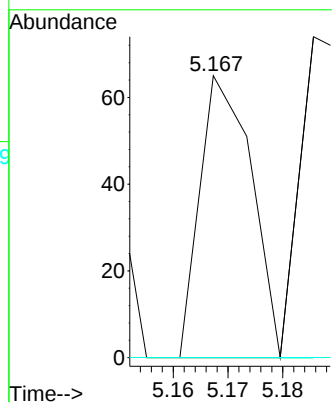


#15
Acrylonitrile
Concen: 1.368 ug/l
RT: 5.167 min Scan# 54
Delta R.T. 0.012 min
Lab File: VY015024.D
Acq: 10 Aug 2023 13:54

Instrument :
MSVOA_Y
ClientSampleId :

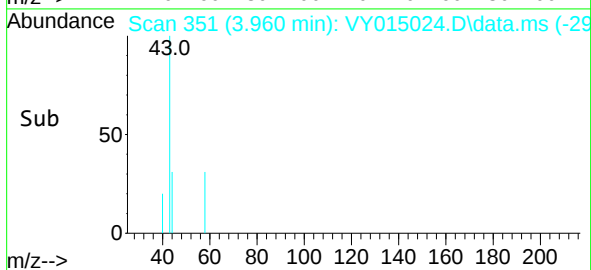
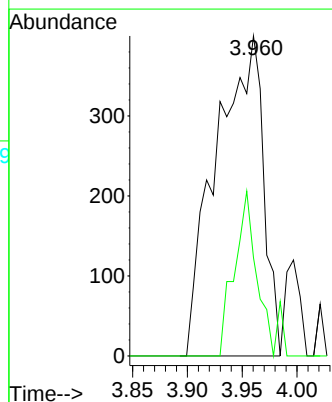
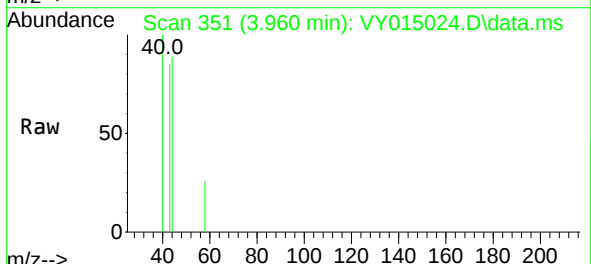


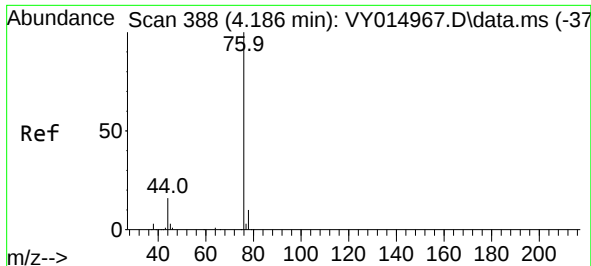
Tgt Ion: 53 Resp: 42
Ion Ratio Lower Upper
53 100
52 0.0 66.9 100.3#
51 0.0 29.8 44.6#



#16
Acetone
Concen: 35.514 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.018 min
Lab File: VY015024.D
Acq: 10 Aug 2023 13:54

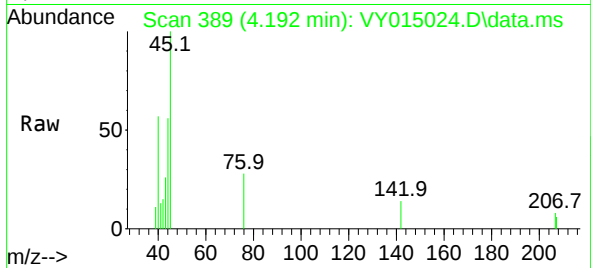
Tgt Ion: 43 Resp: 1193
Ion Ratio Lower Upper
43 100
58 30.8 22.7 34.1



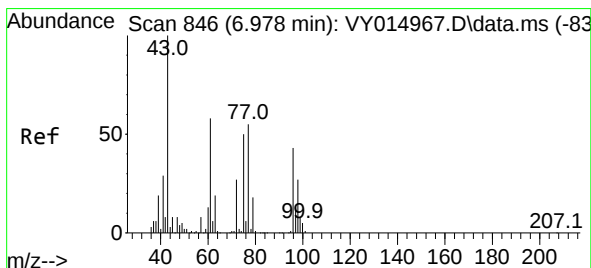
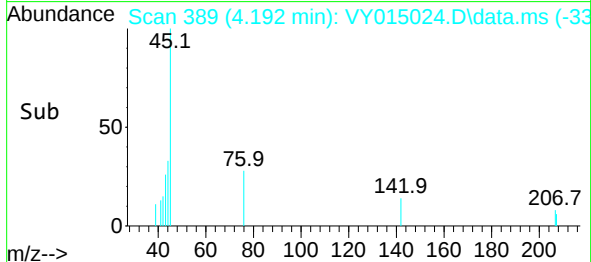
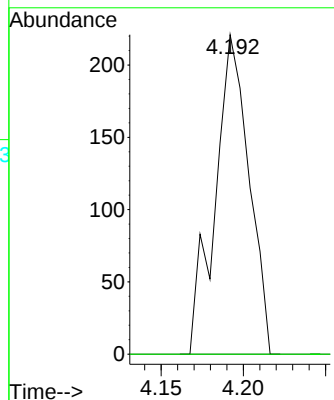


#17
Carbon Disulfide
Concen: 2.054 ug/l
RT: 4.192 min Scan# 319
Delta R.T. 0.006 min
Lab File: VY015024.D
Acq: 10 Aug 2023 13:54

Instrument :
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ClientSampleId :

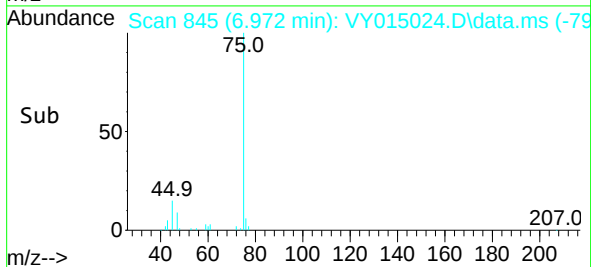
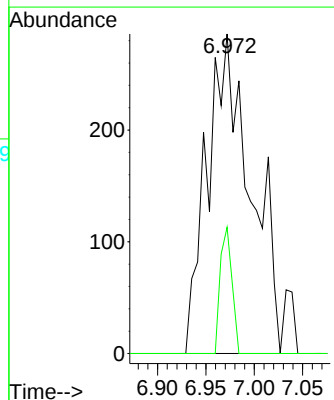
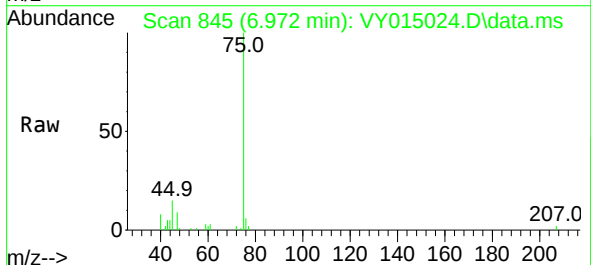


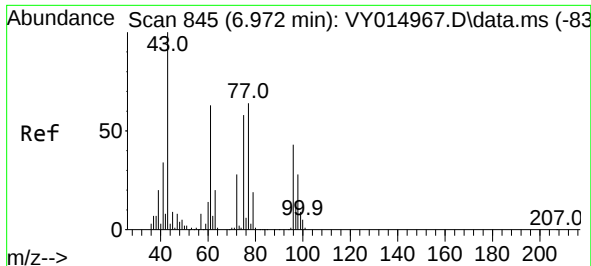
Tgt Ion: 76 Resp: 319
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.4#



#25
2-Butanone
Concen: 18.643 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY015024.D
Acq: 10 Aug 2023 13:54

Tgt Ion: 43 Resp: 897
Ion Ratio Lower Upper
43 100
72 39.5 20.5 30.7#





#26

2,2-Dichloropropane

Concen: 4.540 ug/l

RT: 6.966 min Scan# 84

Delta R.T. -0.006 min

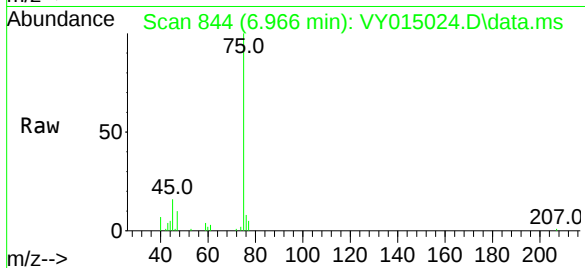
Lab File: VY015024.D

Acq: 10 Aug 2023 13:54

Instrument :

MSVOA_Y

ClientSampleId :

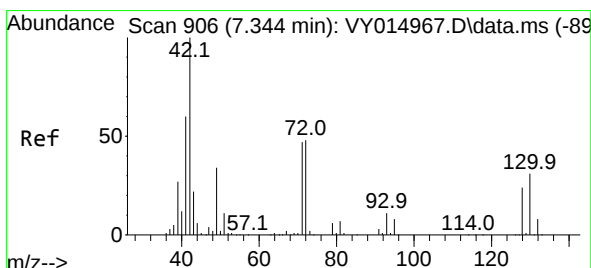
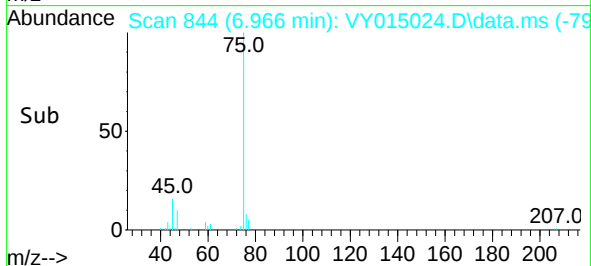
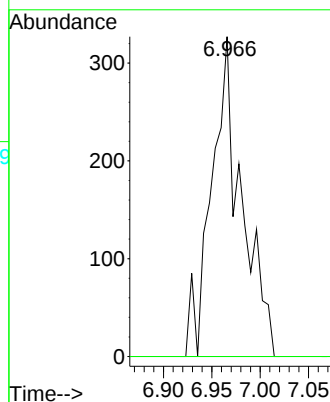


Tgt Ion: 77 Resp: 710

Ion Ratio Lower Upper

77 100

97 0.0 10.9 32.9#



#29

Tetrahydrofuran

Concen: 1.630 ug/l

RT: 7.362 min Scan# 909

Delta R.T. 0.018 min

Lab File: VY015024.D

Acq: 10 Aug 2023 13:54

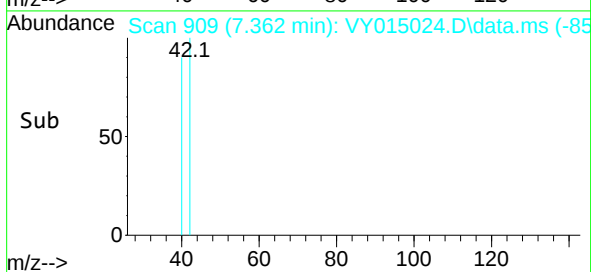
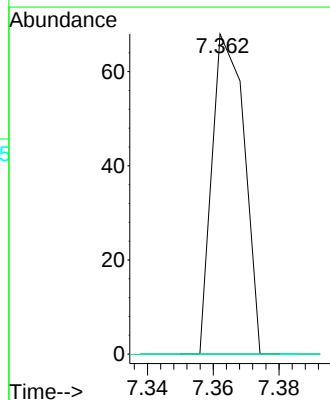
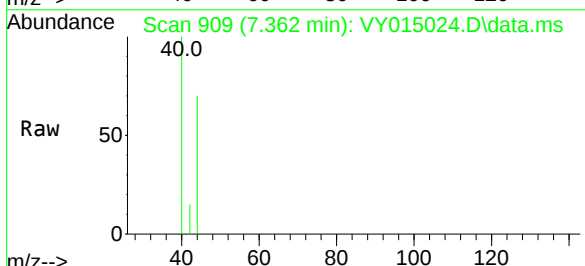
Tgt Ion: 42 Resp: 46

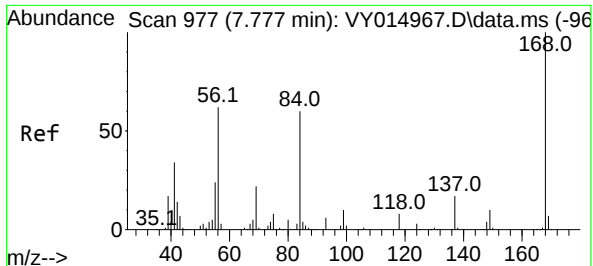
Ion Ratio Lower Upper

42 100

72 0.0 32.8 49.2#

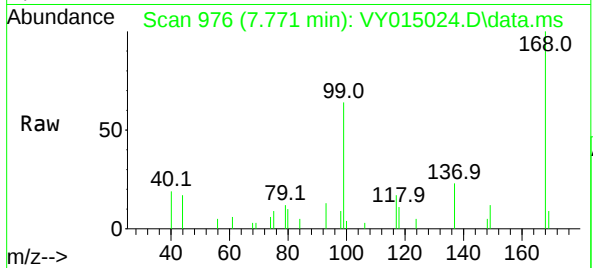
71 0.0 31.0 46.4#



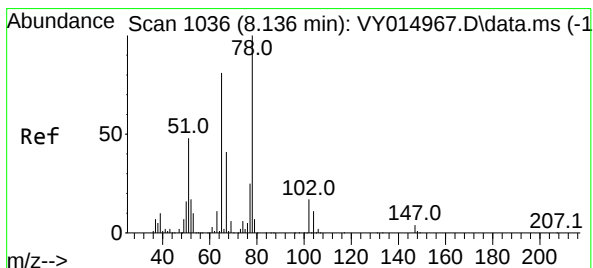
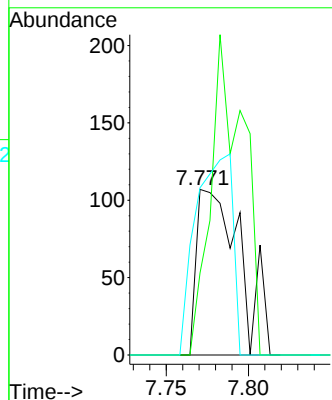
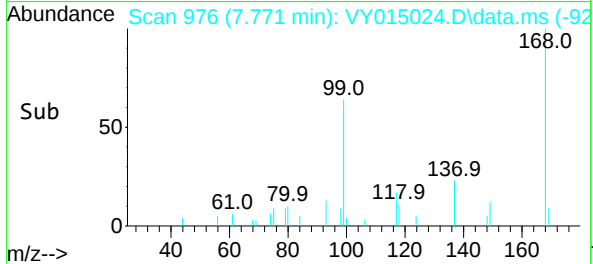


#31
Cyclohexane
Concen: Below Cal
RT: 7.771 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY015024.D
Acq: 10 Aug 2023 13:54

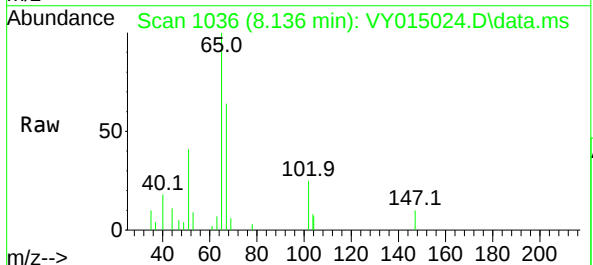
Instrument :
MSVOA_Y
ClientSampleId :



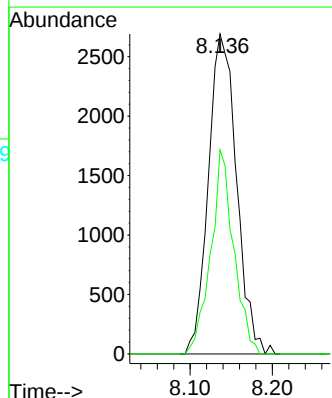
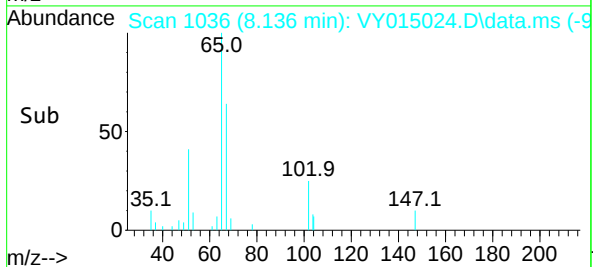
Tgt Ion: 56 Resp: 198
Ion Ratio Lower Upper
56 100
69 49.5 27.8 41.6#
84 100.9 66.4 99.6#

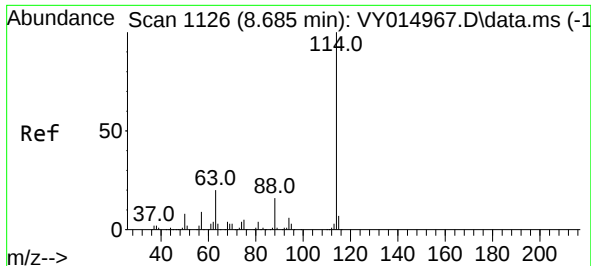


#33
1,2-Dichloroethane-d4
Concen: 59.550 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY015024.D
Acq: 10 Aug 2023 13:54



Tgt Ion: 65 Resp: 6415
Ion Ratio Lower Upper
65 100
67 52.0 0.0 101.8

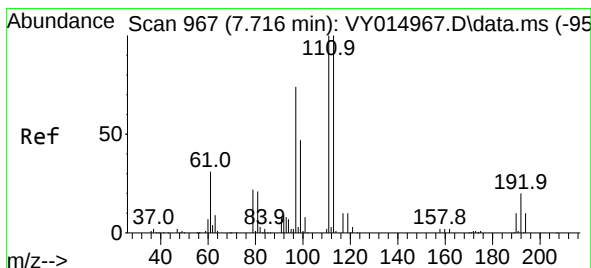
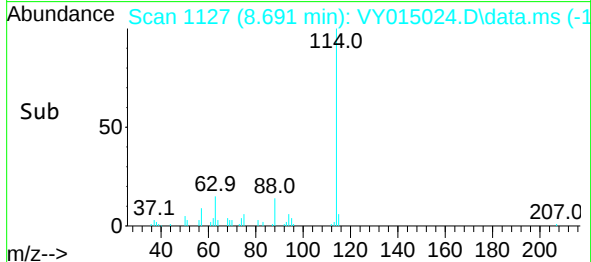
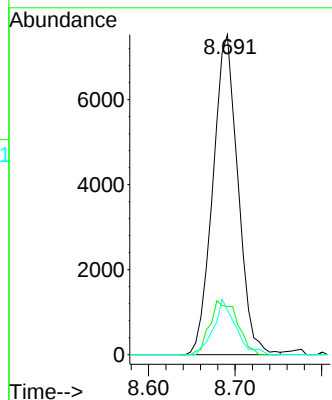
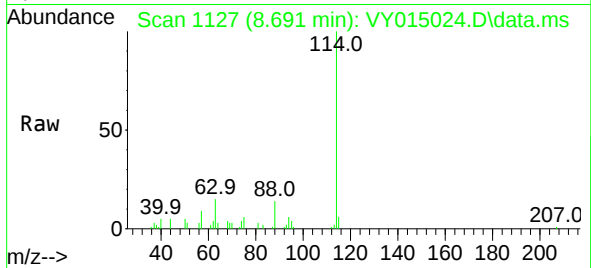




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VY015024.D
Acq: 10 Aug 2023 13:54

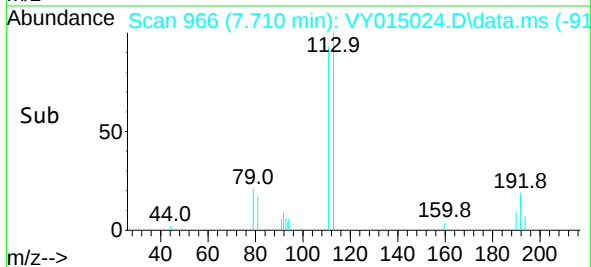
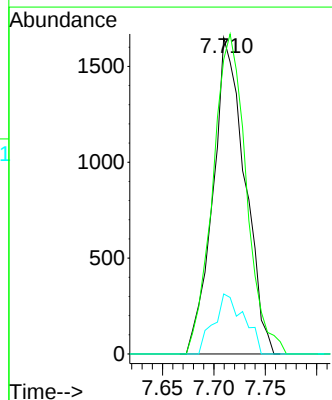
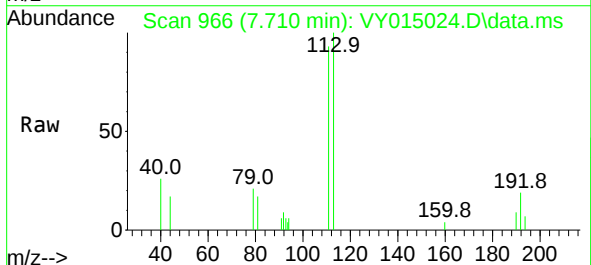
Instrument :
MSVOA_Y
ClientSampleId :

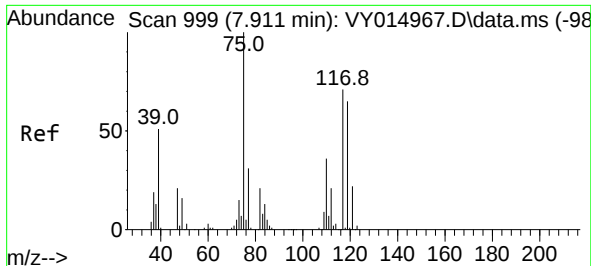
Tgt Ion:114	Resp:	15120
Ion Ratio	Lower	Upper
114	100	
63	15.1	0.0 42.4
88	14.0	0.0 30.6



#35
Dibromofluoromethane
Concen: 36.933 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY015024.D
Acq: 10 Aug 2023 13:54

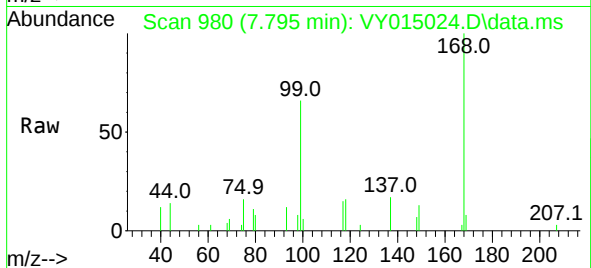
Tgt Ion:113	Resp:	3571
Ion Ratio	Lower	Upper
113	100	
111	105.5	81.3 121.9
192	17.8	16.9 25.3



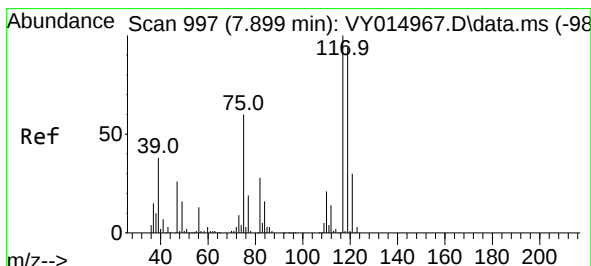
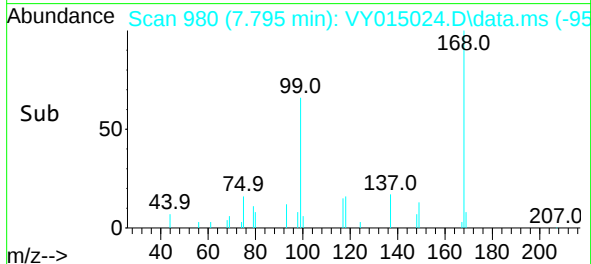
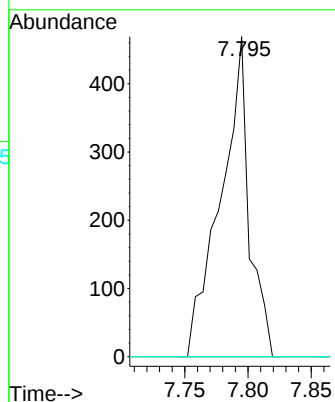


#36
1,1-Dichloropropene
Concen: 6.106 ug/l
RT: 7.795 min Scan# 911
Delta R.T. -0.116 min
Lab File: VY015024.D
Acq: 10 Aug 2023 13:54

Instrument :
MSVOA_Y
ClientSampleId :

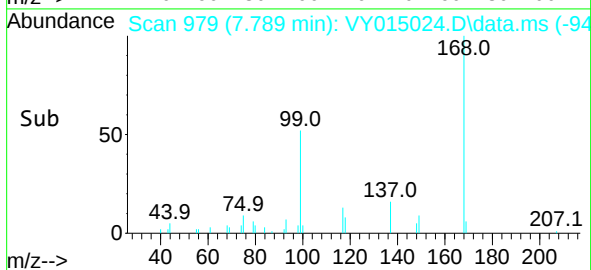
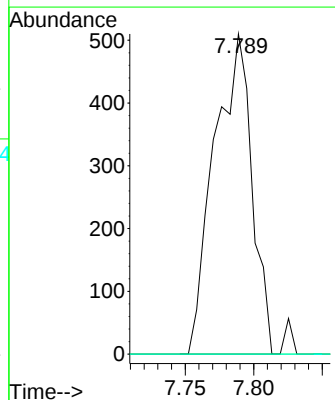
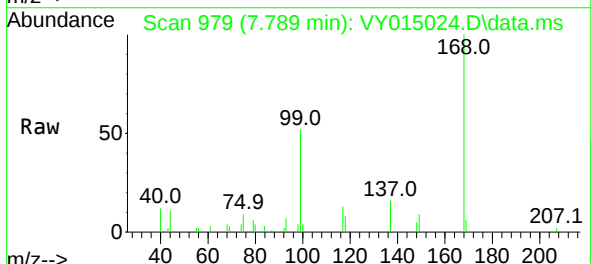


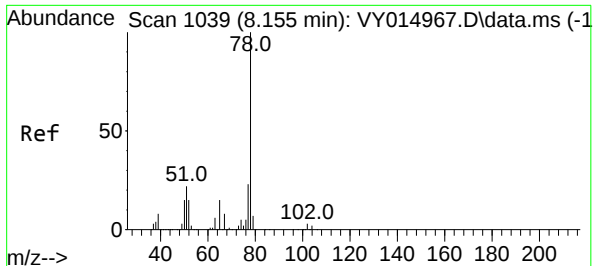
Tgt Ion: 75 Resp: 733
Ion Ratio Lower Upper
75 100
110 0.0 17.8 53.5#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 7.210 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.110 min
Lab File: VY015024.D
Acq: 10 Aug 2023 13:54

Tgt Ion: 117 Resp: 973
Ion Ratio Lower Upper
117 100
119 0.0 76.4 114.6#
121 0.0 25.8 38.6#

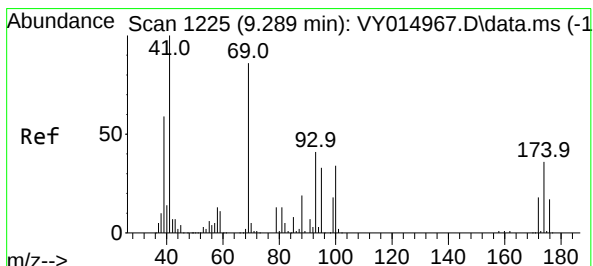
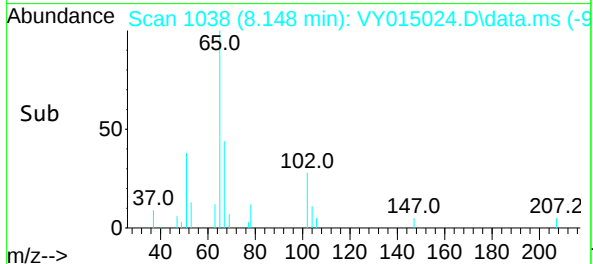
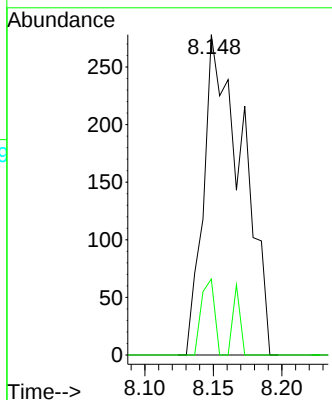
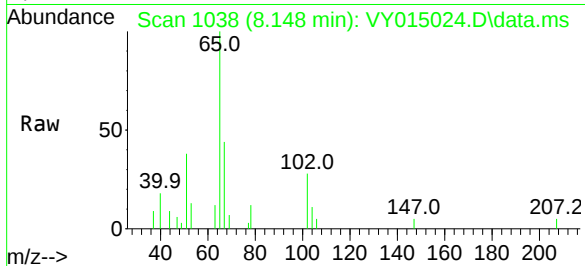




#40
Benzene
Concen: 1.542 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY015024.D
Acq: 10 Aug 2023 13:54

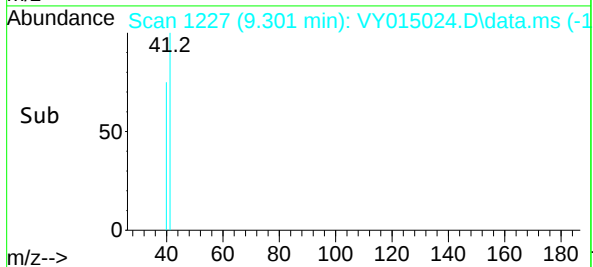
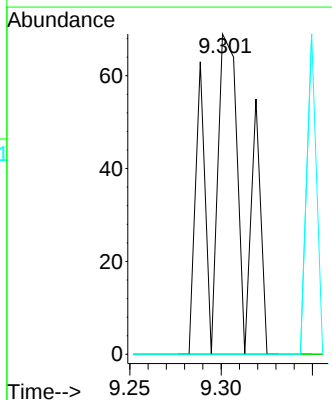
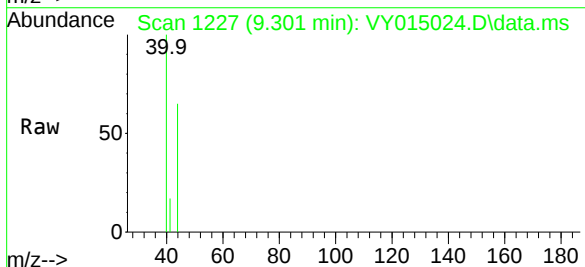
Instrument :
MSVOA_Y
ClientSampleId :

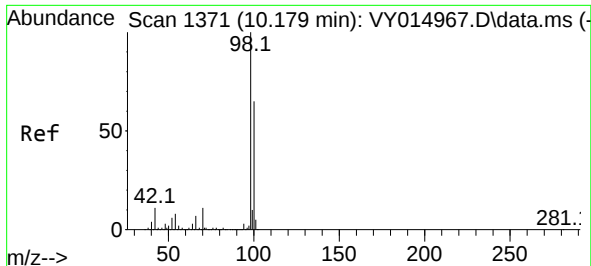
Tgt Ion: 78 Resp: 545
Ion Ratio Lower Upper
78 100
77 23.7 19.0 28.6



#48
Methyl methacrylate
Concen: 1.184 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.012 min
Lab File: VY015024.D
Acq: 10 Aug 2023 13:54

Tgt Ion: 41 Resp: 92
Ion Ratio Lower Upper
41 100
69 0.0 64.5 96.7#
39 0.0 50.8 76.2#

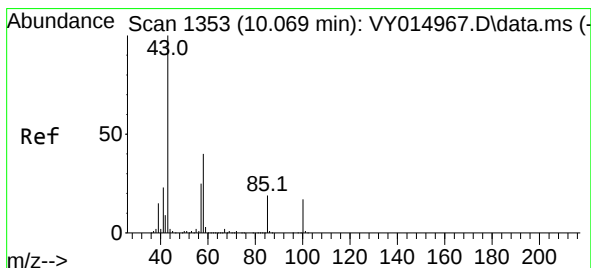
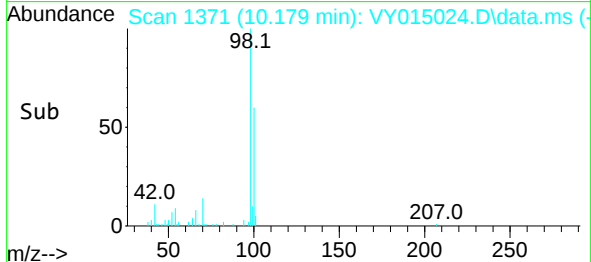
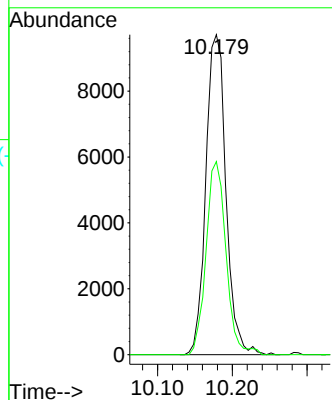
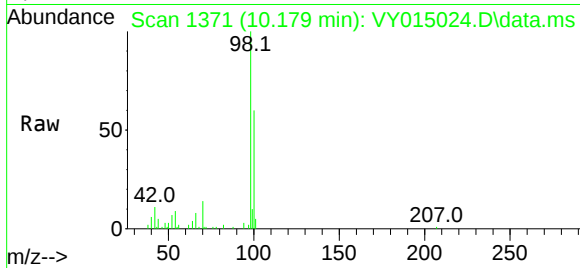




#50
Toluene-d8
Concen: 49.318 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015024.D
Acq: 10 Aug 2023 13:54

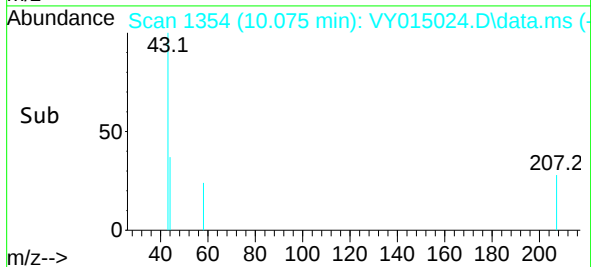
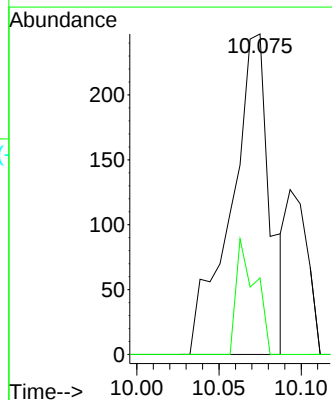
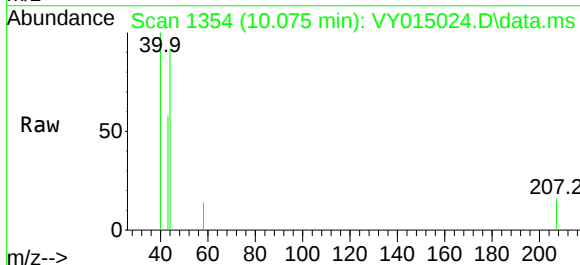
Instrument :
MSVOA_Y
ClientSampleId :

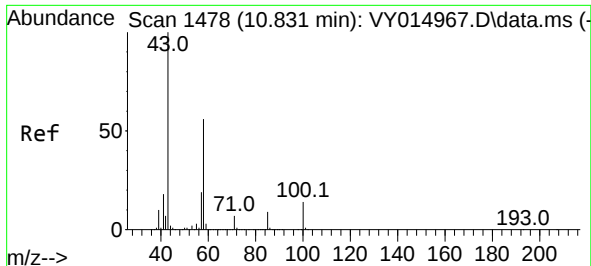
Tgt Ion: 98 Resp: 18150
Ion Ratio Lower Upper
98 100
100 60.0 50.1 75.1



#51
4-Methyl-2-Pentanone
Concen: 4.080 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.006 min
Lab File: VY015024.D
Acq: 10 Aug 2023 13:54

Tgt Ion: 43 Resp: 407
Ion Ratio Lower Upper
43 100
58 17.9 29.0 43.6#

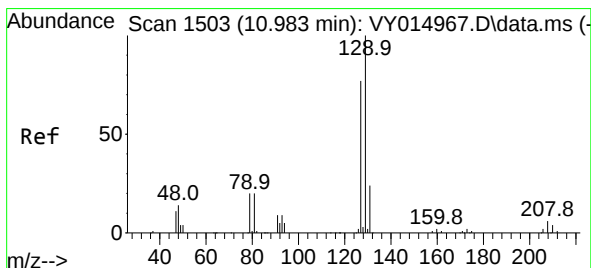
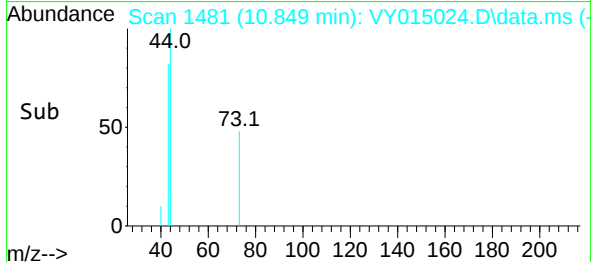
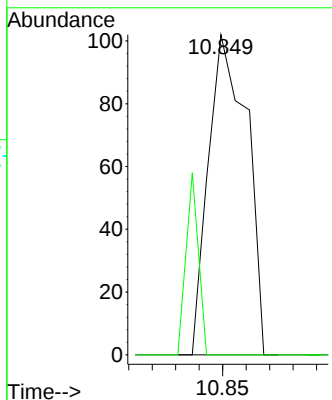
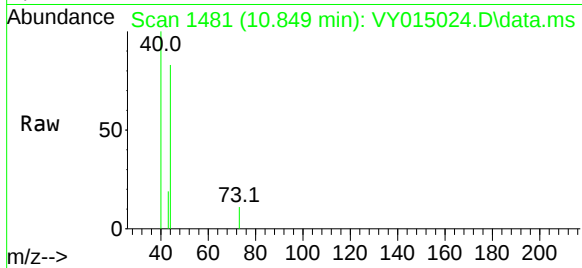




#59
2-Hexanone
Concen: 1.574 ug/l
RT: 10.849 min Scan# 1478
Delta R.T. 0.018 min
Lab File: VY015024.D
Acq: 10 Aug 2023 13:54

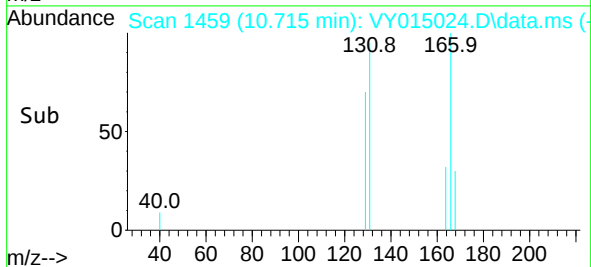
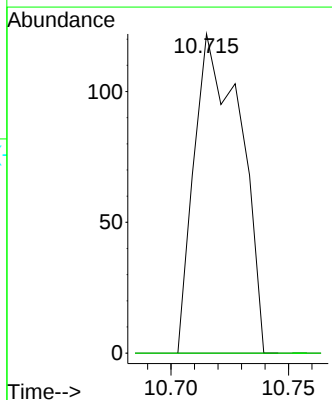
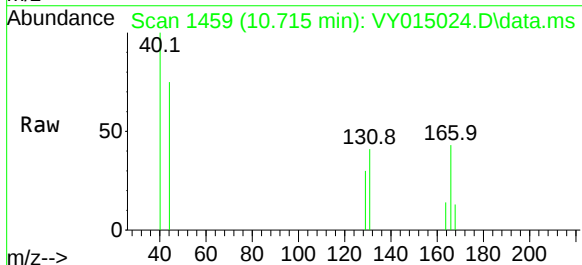
Instrument :
MSVOA_Y
ClientSampleId :

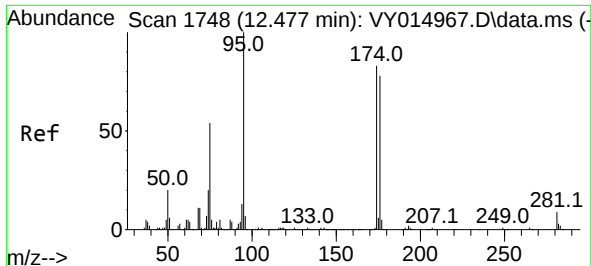
Tgt Ion: 43 Resp: 116
Ion Ratio Lower Upper
43 100
58 18.1 25.1 75.3#



#60
Dibromochloromethane
Concen: 1.595 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. -0.268 min
Lab File: VY015024.D
Acq: 10 Aug 2023 13:54

Tgt Ion: 129 Resp: 167
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.5#





#62

4-Bromofluorobenzene

Concen: 51.060 ug/l

RT: 12.477 min Scan# 1

Delta R.T. -0.000 min

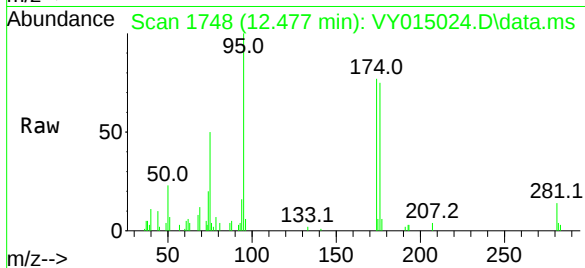
Lab File: VY015024.D

Acq: 10 Aug 2023 13:54

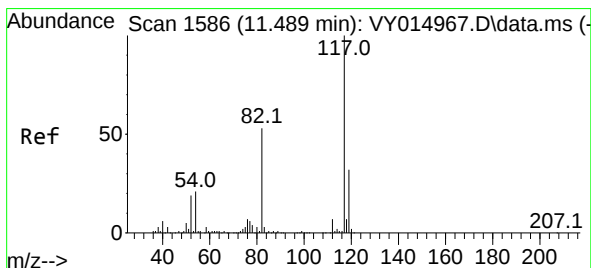
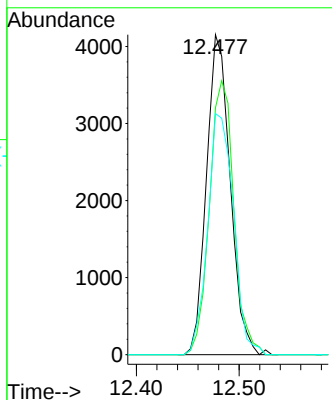
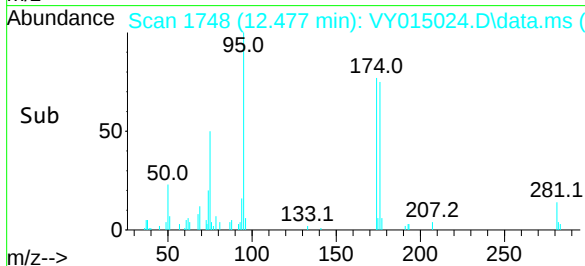
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 95	Resp: 6660
Ion Ratio	Lower Upper
95 100	
174 88.0	0.0 178.2
176 82.1	0.0 173.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

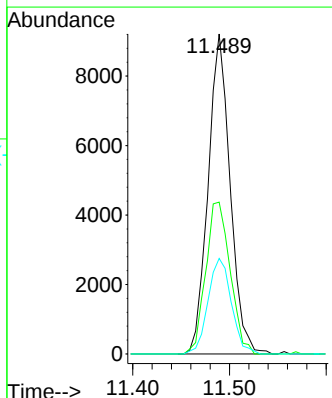
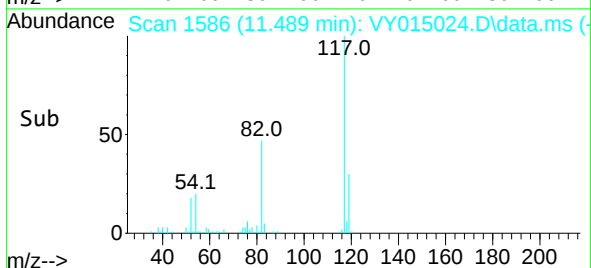
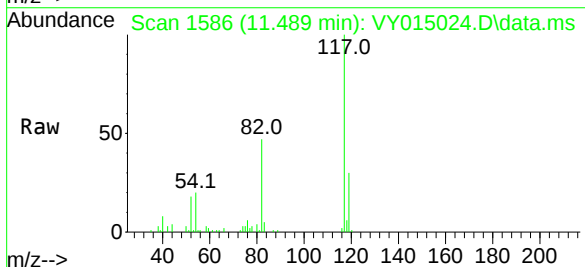
RT: 11.489 min Scan# 1586

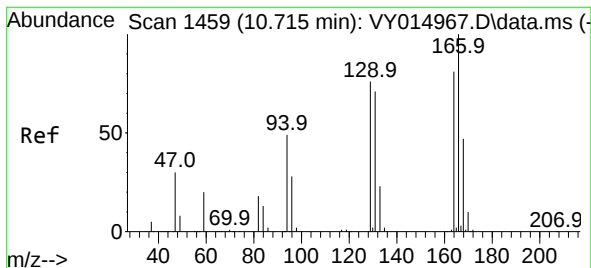
Delta R.T. -0.000 min

Lab File: VY015024.D

Acq: 10 Aug 2023 13:54

Tgt Ion: 117	Resp: 14603
Ion Ratio	Lower Upper
117 100	
82 47.4	43.4 65.0
119 29.8	26.3 39.5





#64

Tetrachloroethene

Concen: 1.211 ug/l

RT: 10.721 min Scan# 1459

Delta R.T. 0.006 min

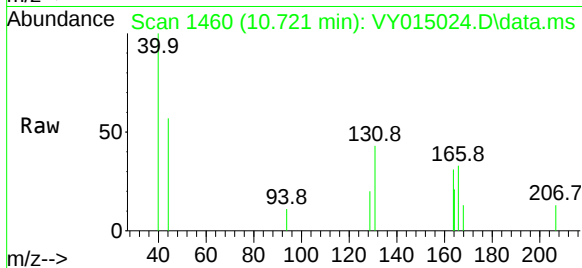
Lab File: VY015024.D

Acq: 10 Aug 2023 13:54

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:164 Resp: 133

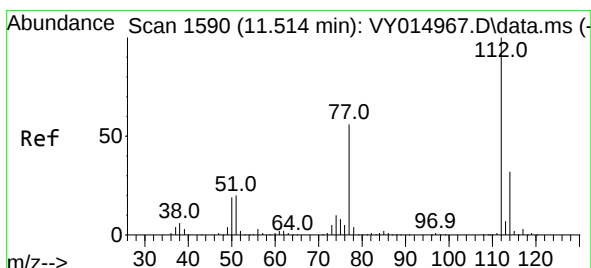
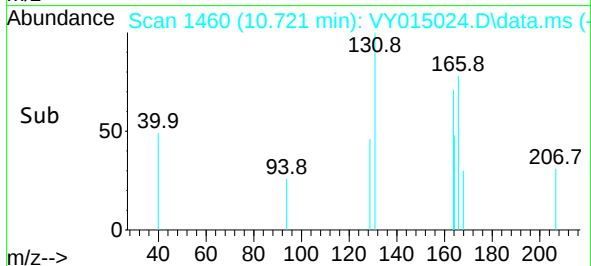
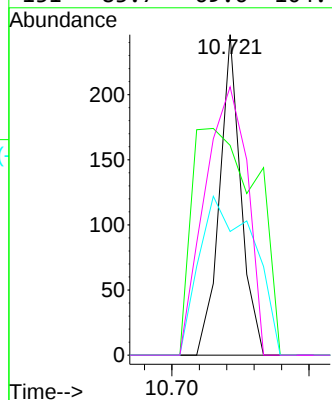
Ion Ratio Lower Upper

164 100

166 65.4 103.0 154.6#

129 38.6 77.2 115.8#

131 83.7 69.6 104.4



#65

Chlorobenzene

Concen: 1.335 ug/l

RT: 11.508 min Scan# 1589

Delta R.T. -0.006 min

Lab File: VY015024.D

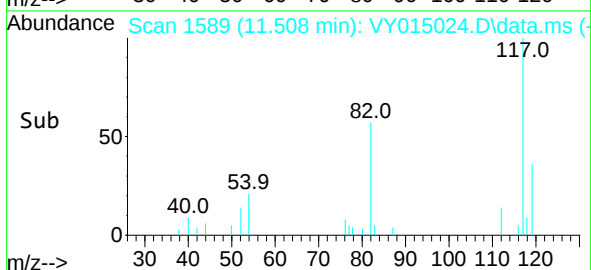
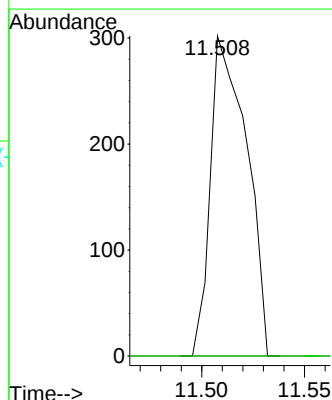
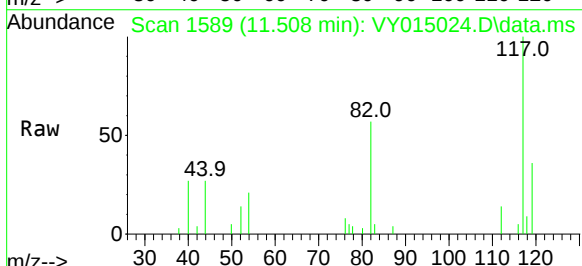
Acq: 10 Aug 2023 13:54

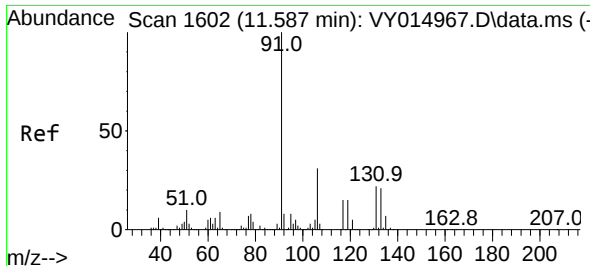
Tgt Ion:112 Resp: 370

Ion Ratio Lower Upper

112 100

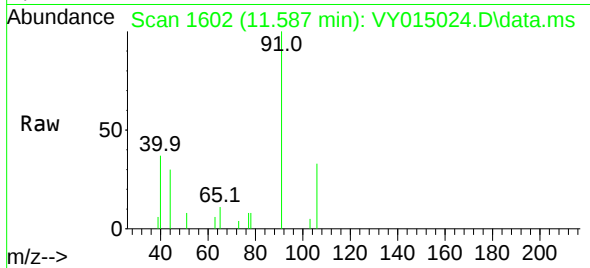
114 0.0 25.5 38.3#



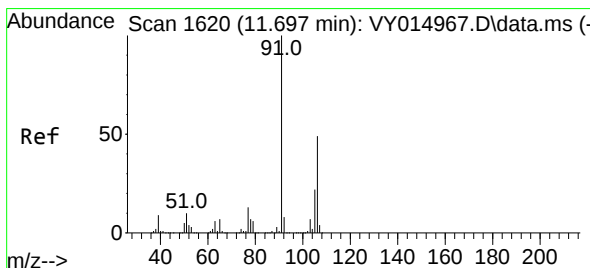
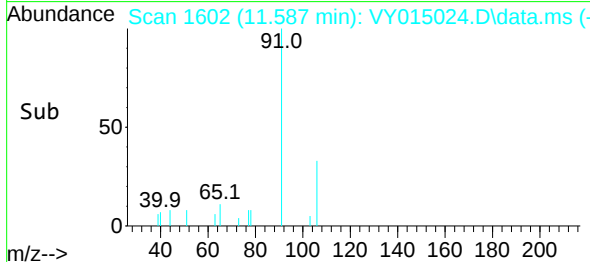
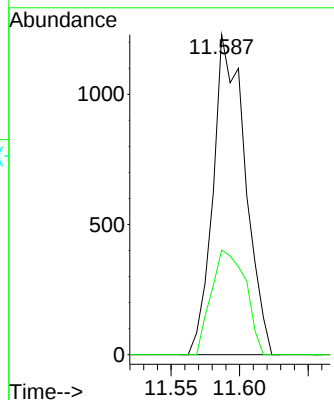


#67
Ethyl Benzene
Concen: 4.105 ug/l
RT: 11.587 min Scan# 1158
Delta R.T. -0.000 min
Lab File: VY015024.D
Acq: 10 Aug 2023 13:54

Instrument :
MSVOA_Y
ClientSampleId :

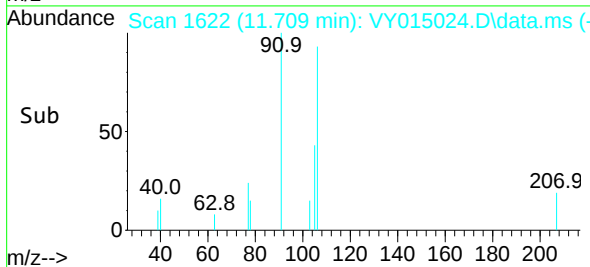
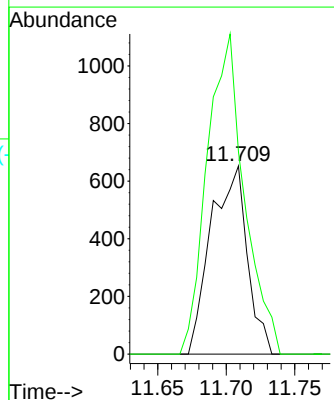
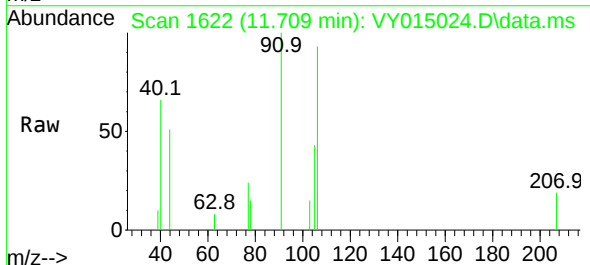


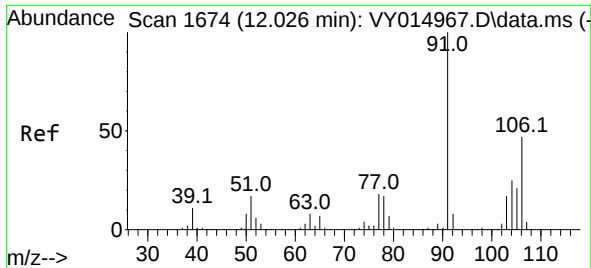
Tgt Ion: 91 Resp: 1996
Ion Ratio Lower Upper
91 100
106 32.7 24.6 36.8



#68
m/p-Xylenes
Concen: 6.461 ug/l
RT: 11.709 min Scan# 1622
Delta R.T. 0.012 min
Lab File: VY015024.D
Acq: 10 Aug 2023 13:54

Tgt Ion:106 Resp: 1202
Ion Ratio Lower Upper
106 100
91 174.8 166.1 249.1

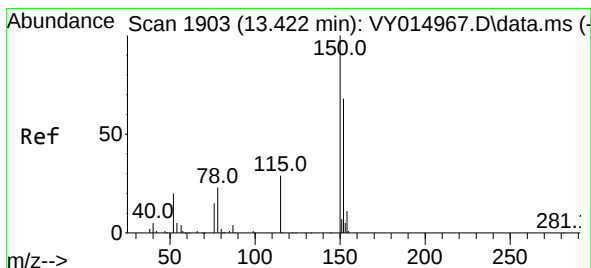
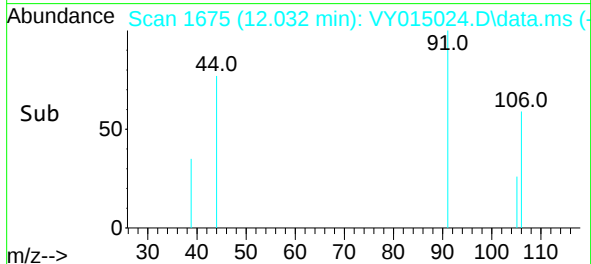
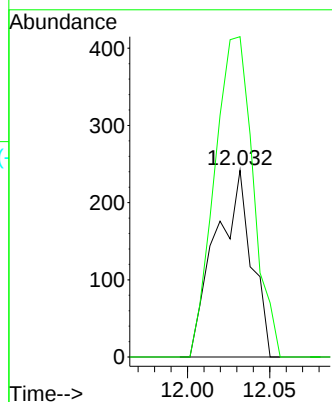
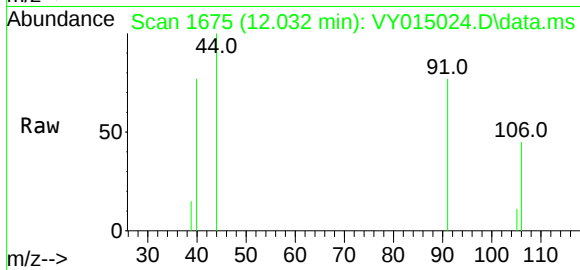




#69
o-Xylene
Concen: 2.016 ug/l
RT: 12.032 min Scan# 110
Delta R.T. 0.006 min
Lab File: VY015024.D
Acq: 10 Aug 2023 13:54

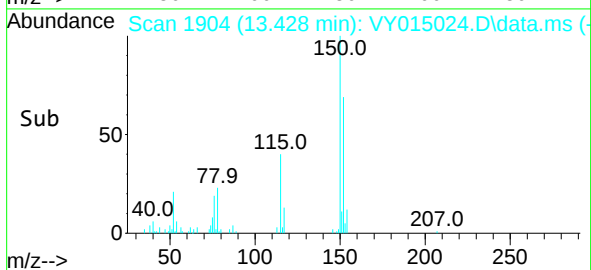
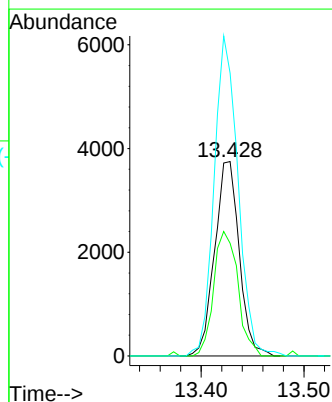
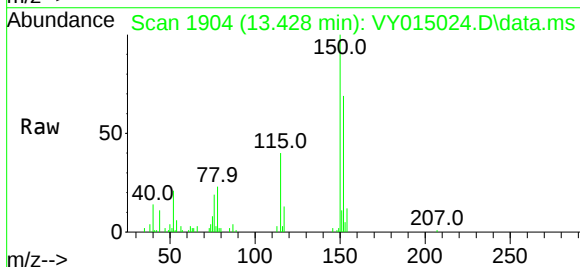
Instrument :
MSVOA_Y
ClientSampleId :

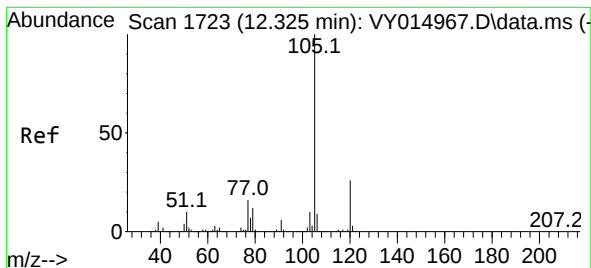
Tgt Ion:106 Resp: 367
Ion Ratio Lower Upper
106 100
91 184.7 108.1 324.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY015024.D
Acq: 10 Aug 2023 13:54

Tgt Ion:152 Resp: 6219
Ion Ratio Lower Upper
152 100
115 63.1 28.8 86.5
150 160.0 0.0 348.8





#73

Isopropylbenzene

Concen: 1.268 ug/l

RT: 12.331 min Scan# 1723

Delta R.T. 0.006 min

Lab File: VY015024.D

Acq: 10 Aug 2023 13:54

Instrument :

MSVOA_Y

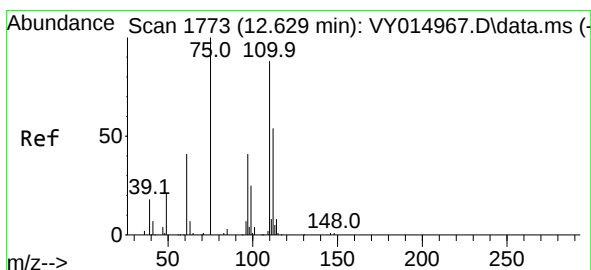
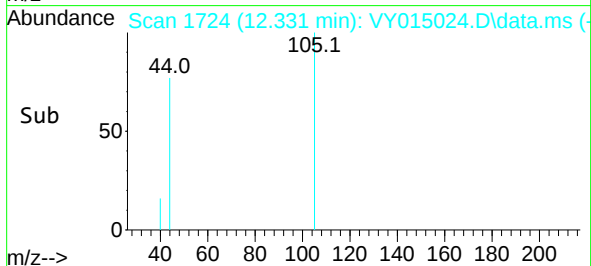
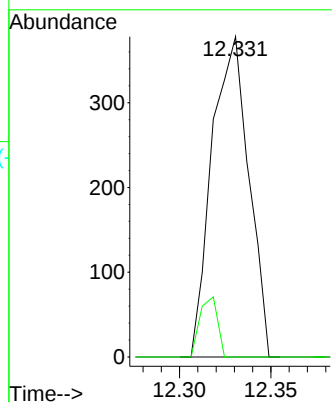
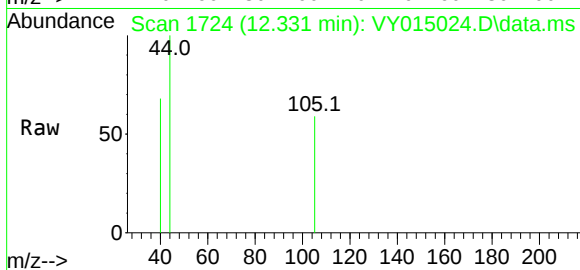
ClientSampleId :

Tgt Ion:105 Resp: 530

Ion Ratio Lower Upper

105 100

120 9.1 13.3 39.9#



#76

1,2,3-Trichloropropane

Concen: 46.754 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.152 min

Lab File: VY015024.D

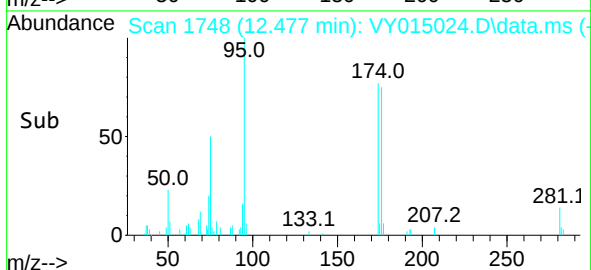
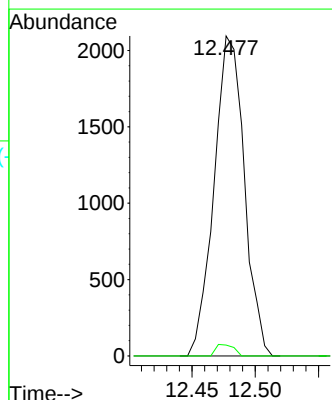
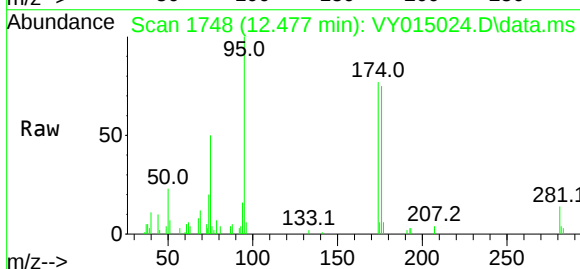
Acq: 10 Aug 2023 13:54

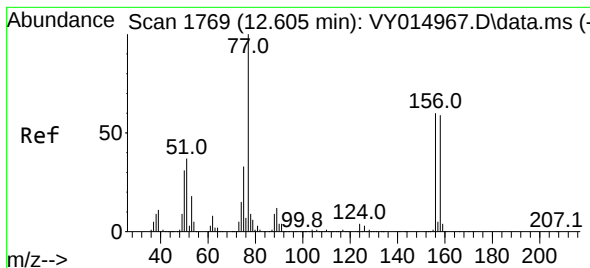
Tgt Ion: 75 Resp: 3484

Ion Ratio Lower Upper

75 100

77 2.1 0.0 0.0#





#77

Bromobenzene

Concen: 3.087 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. -0.000 min

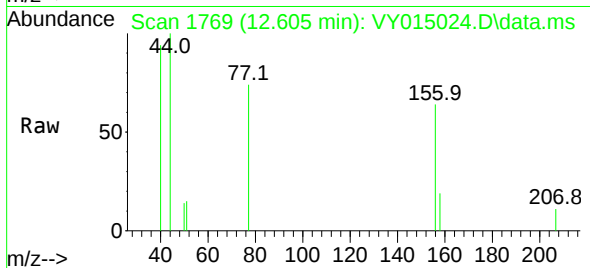
Lab File: VY015024.D

Acq: 10 Aug 2023 13:54

Instrument :

MSVOA_Y

ClientSampleId :



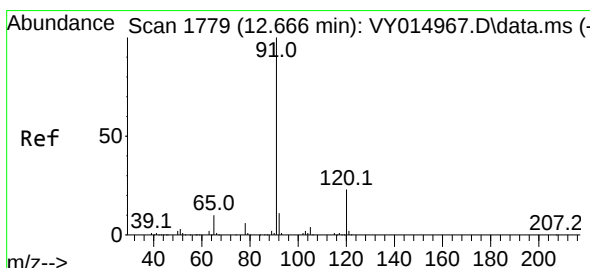
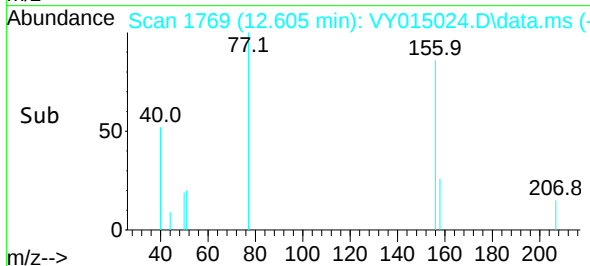
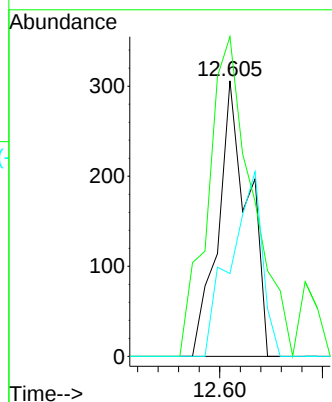
Tgt Ion:156 Resp: 313

Ion Ratio Lower Upper

156 100

77 169.6 92.8 278.6

158 70.9 48.4 145.3



#78

n-propylbenzene

Concen: 1.396 ug/l

RT: 12.764 min Scan# 1795

Delta R.T. 0.098 min

Lab File: VY015024.D

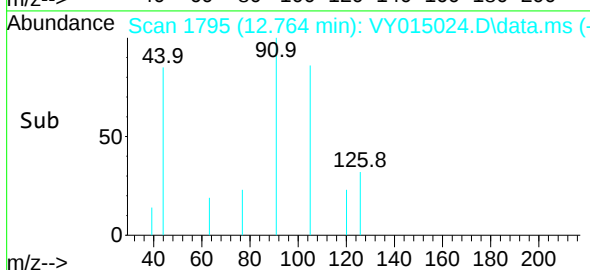
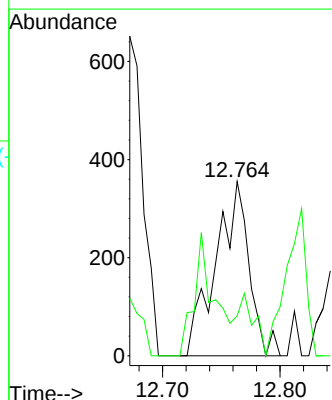
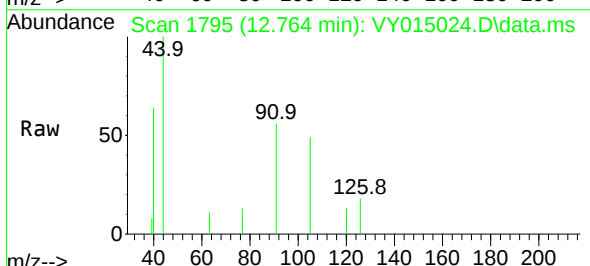
Acq: 10 Aug 2023 13:54

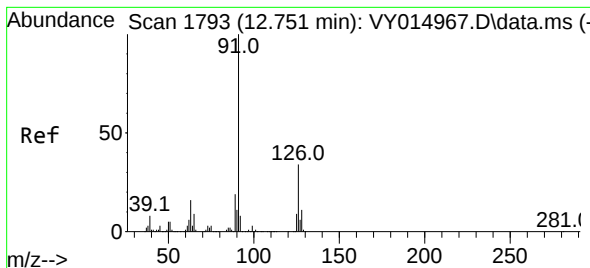
Tgt Ion: 91 Resp: 698

Ion Ratio Lower Upper

91 100

120 18.3 11.5 34.4





#79

2-Chlorotoluene

Concen: 2.449 ug/l

RT: 12.764 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY015024.D

Acq: 10 Aug 2023 13:54

Instrument :

MSVOA_Y

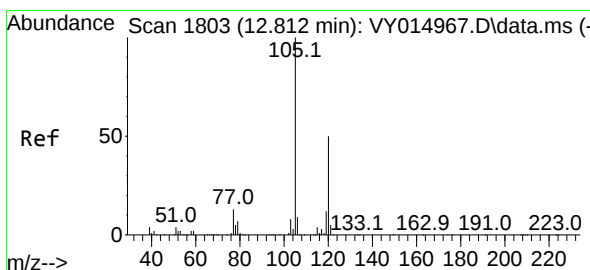
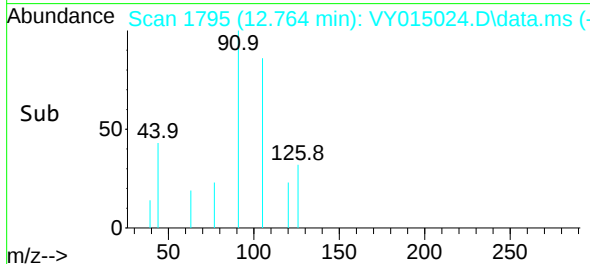
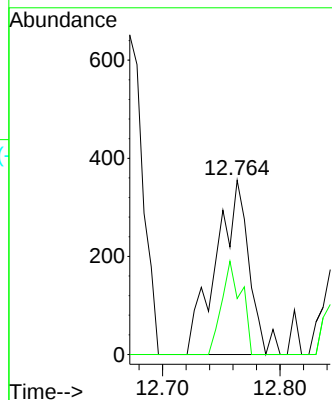
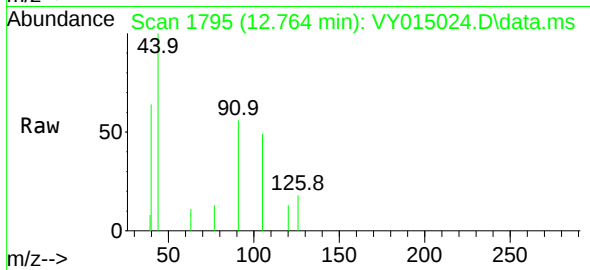
ClientSampleId :

Tgt Ion: 91 Resp: 698

Ion Ratio Lower Upper

91 100

126 31.9 17.3 51.7



#80

1,3,5-Trimethylbenzene

Concen: 2.061 ug/l

RT: 12.806 min Scan# 1802

Delta R.T. -0.006 min

Lab File: VY015024.D

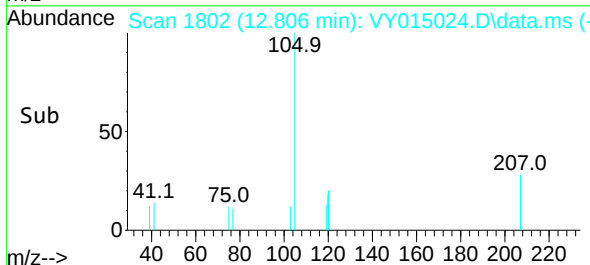
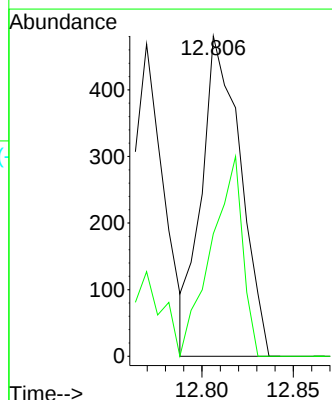
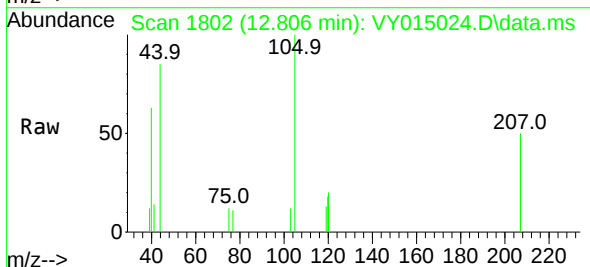
Acq: 10 Aug 2023 13:54

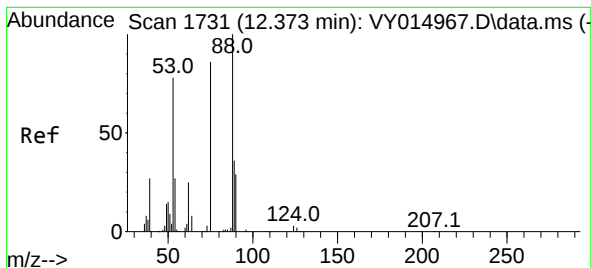
Tgt Ion: 105 Resp: 710

Ion Ratio Lower Upper

105 100

120 50.4 23.9 71.7

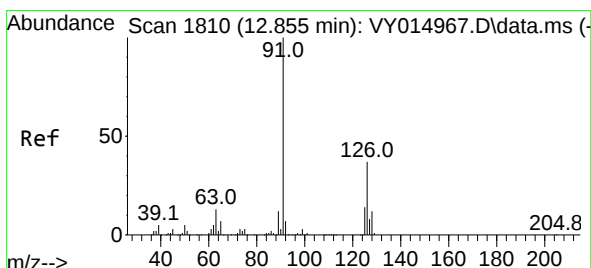
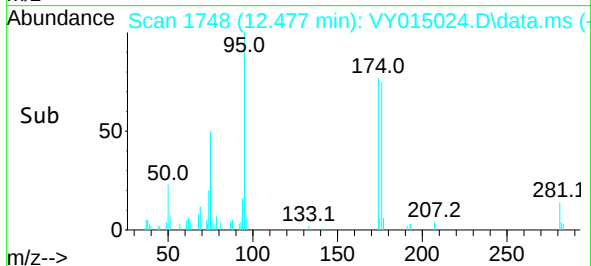
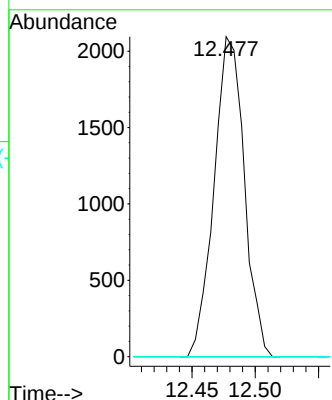
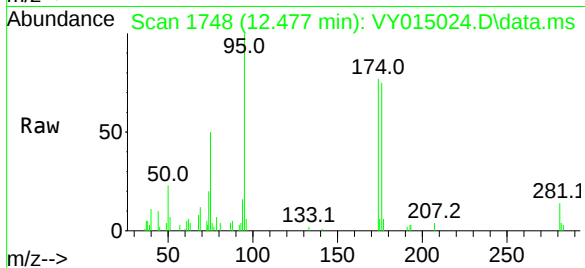




#81
trans-1,4-Dichloro-2-butene
Concen: 103.000 ug/l
RT: 12.477 min Scan# 1795
Delta R.T. 0.104 min
Lab File: VY015024.D
Acq: 10 Aug 2023 13:54

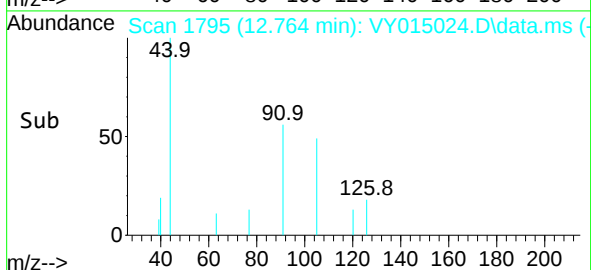
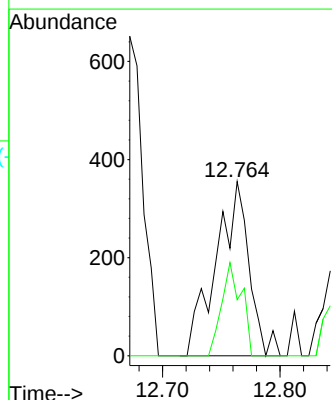
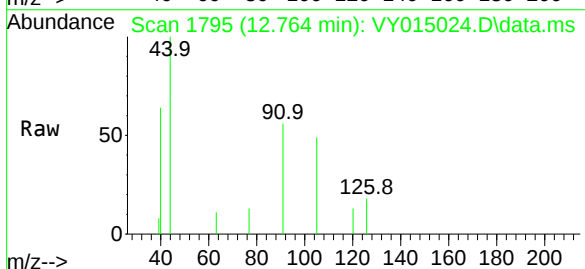
Instrument :
MSVOA_Y
ClientSampleId :

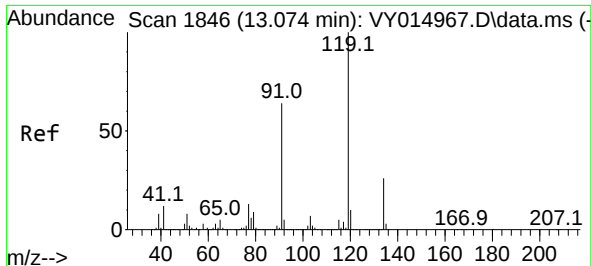
Tgt Ion: 75 Resp: 3484
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.0 37.4 56.0#



#82
4-Chlorotoluene
Concen: 2.369 ug/l
RT: 12.764 min Scan# 1795
Delta R.T. -0.091 min
Lab File: VY015024.D
Acq: 10 Aug 2023 13:54

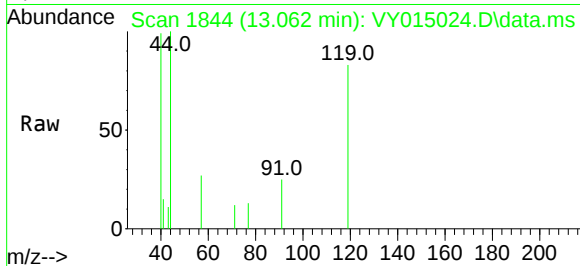
Tgt Ion: 91 Resp: 698
Ion Ratio Lower Upper
91 100
126 31.9 17.2 51.6



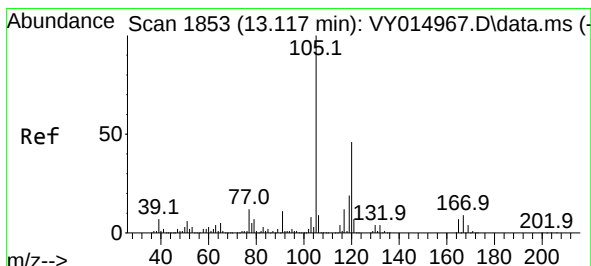
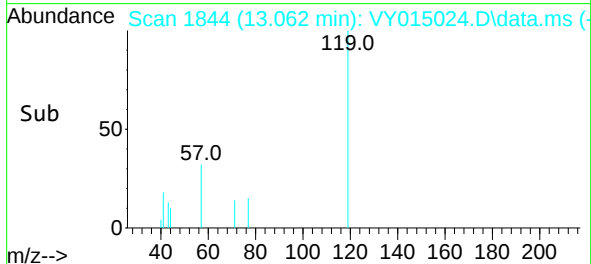
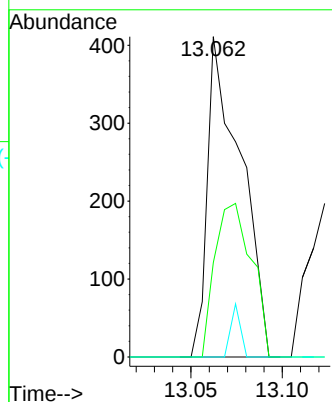


#83
tert-Butylbenzene
Concen: 1.647 ug/l
RT: 13.062 min Scan# 1844
Delta R.T. -0.012 min
Lab File: VY015024.D
Acq: 10 Aug 2023 13:54

Instrument :
MSVOA_Y
ClientSampleId :

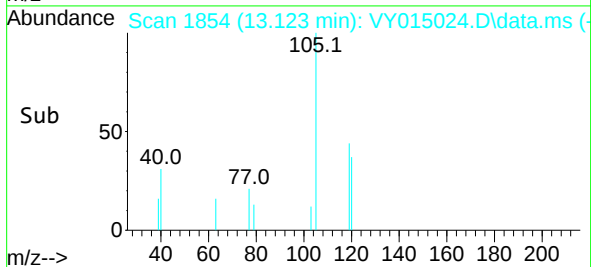
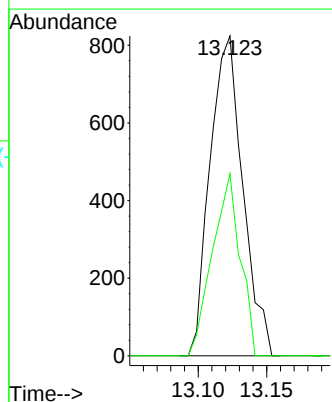
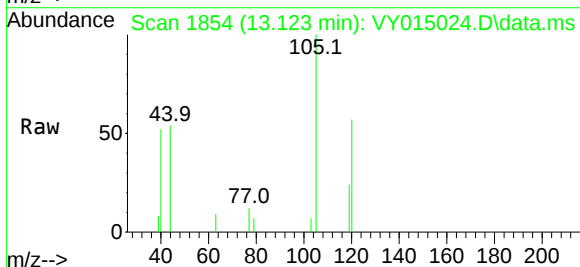


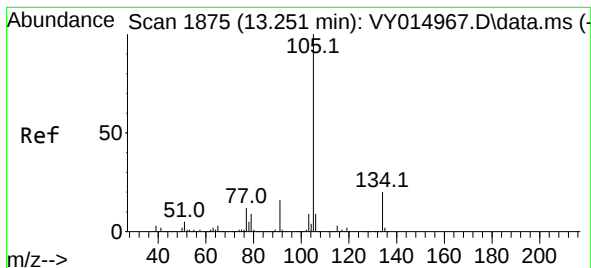
Tgt Ion	Ratio	Lower	Upper
119	100		
91	53.2	32.9	98.6
134	4.8	13.0	38.9



#84
1,2,4-Trimethylbenzene
Concen: 3.975 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VY015024.D
Acq: 10 Aug 2023 13:54

Tgt Ion	Ratio	Lower	Upper
105	100		
120	48.1	22.2	66.6





#85

sec-Butylbenzene

Concen: 1.613 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VY015024.D

Acq: 10 Aug 2023 13:54

Instrument :

MSVOA_Y

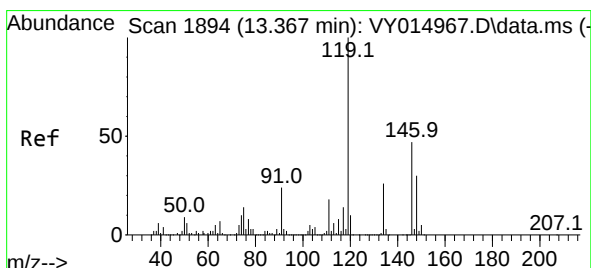
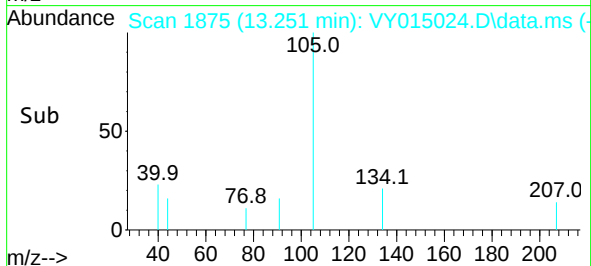
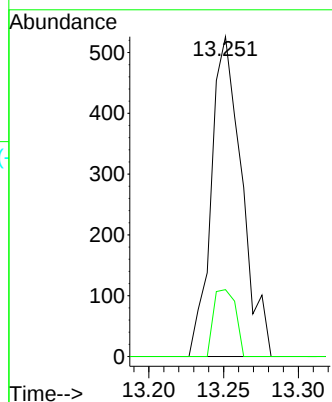
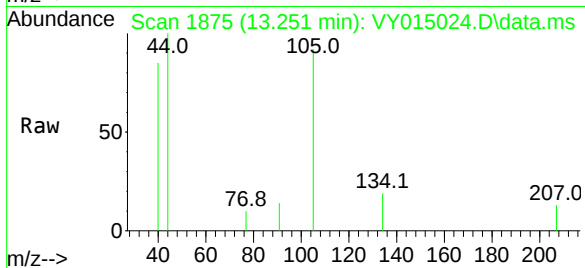
ClientSampleId :

Tgt Ion:105 Resp: 746

Ion Ratio Lower Upper

105 100

134 15.1 10.2 30.6



#86

p-Isopropyltoluene

Concen: 1.648 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY015024.D

Acq: 10 Aug 2023 13:54

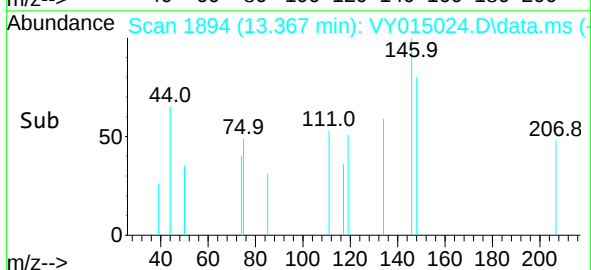
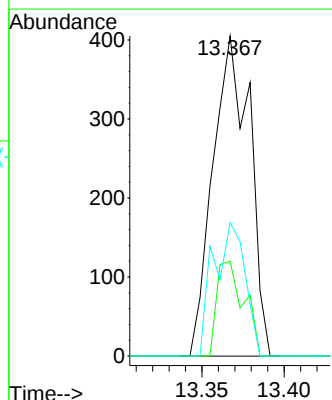
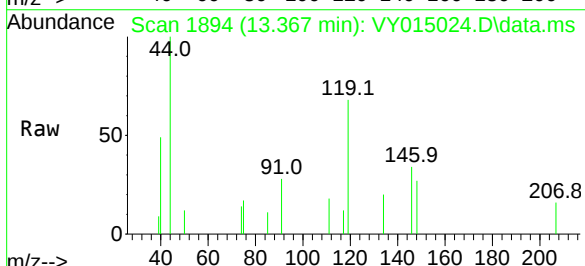
Tgt Ion:119 Resp: 631

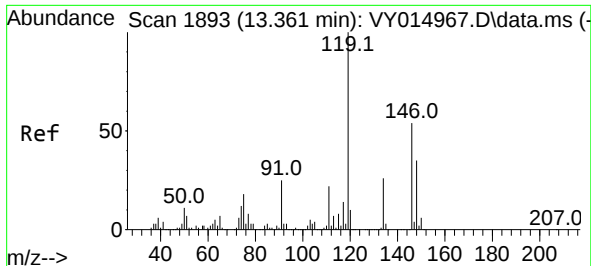
Ion Ratio Lower Upper

119 100

134 21.7 13.3 39.8

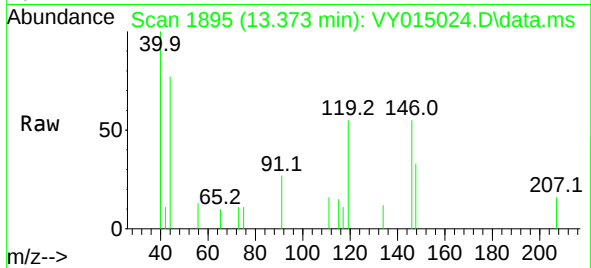
91 35.7 12.4 37.4



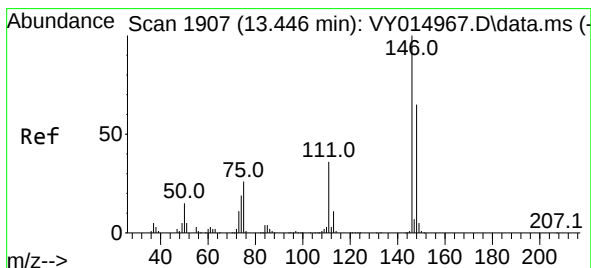
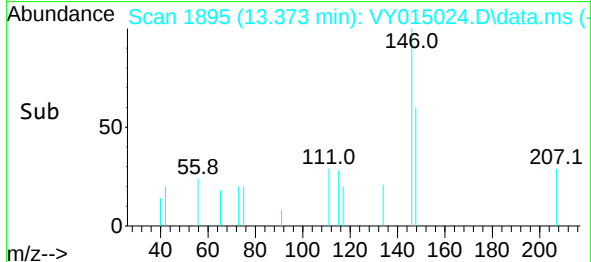
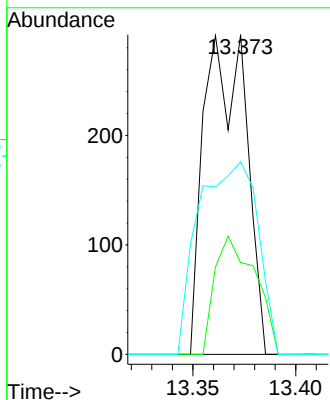


#87
 1,3-Dichlorobenzene
 Concen: 2.091 ug/l
 RT: 13.373 min Scan# 11
 Delta R.T. 0.012 min
 Lab File: VY015024.D
 Acq: 10 Aug 2023 13:54

Instrument :
 MSVOA_Y
 ClientSampleId :

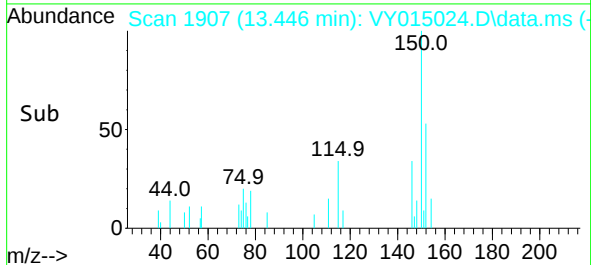
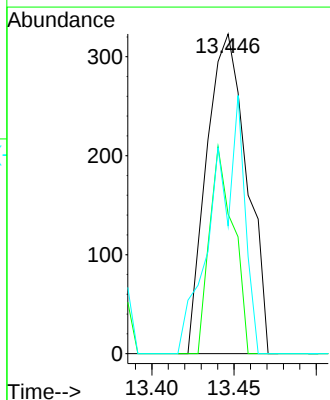
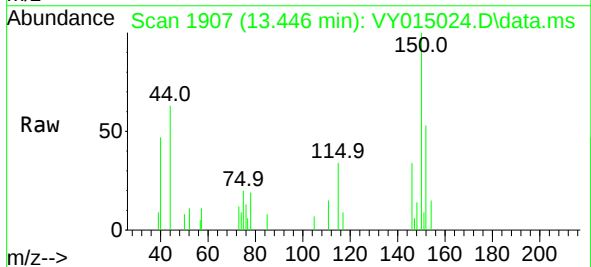


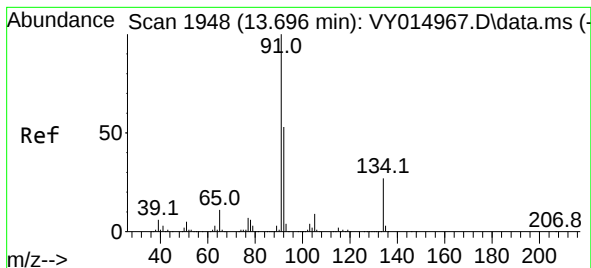
Tgt Ion:146 Resp: 415
 Ion Ratio Lower Upper
 146 100
 111 35.7 19.4 58.2
 148 85.1 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 2.779 ug/l
 RT: 13.446 min Scan# 1907
 Delta R.T. -0.000 min
 Lab File: VY015024.D
 Acq: 10 Aug 2023 13:54

Tgt Ion:146 Resp: 550
 Ion Ratio Lower Upper
 146 100
 111 38.4 18.9 56.7
 148 61.3 32.1 96.5





#89

n-Butylbenzene

Concen: 2.316 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.000 min

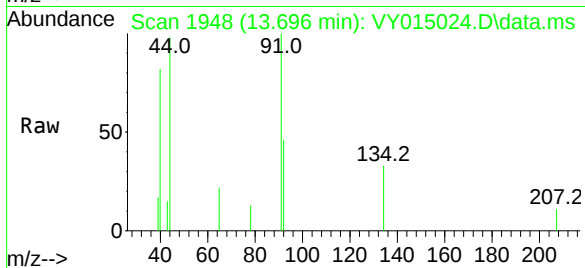
Lab File: VY015024.D

Acq: 10 Aug 2023 13:54

Instrument :

MSVOA_Y

ClientSampleId :



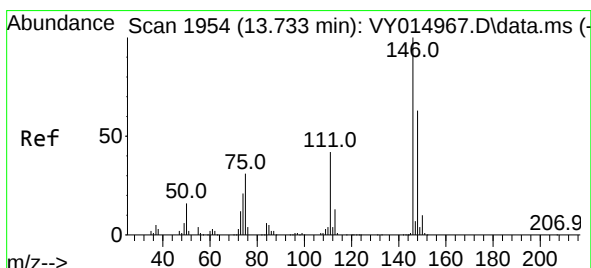
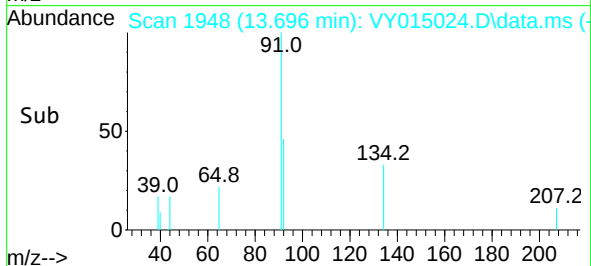
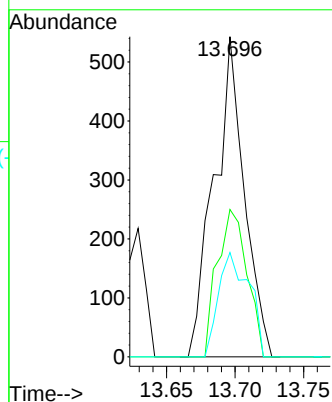
Tgt Ion: 91 Resp: 833

Ion Ratio Lower Upper

91 100

92 45.3 25.4 76.0

134 32.8 12.6 37.6



#91

1,2-Dichlorobenzene

Concen: 3.385 ug/l

RT: 13.745 min Scan# 1956

Delta R.T. 0.012 min

Lab File: VY015024.D

Acq: 10 Aug 2023 13:54

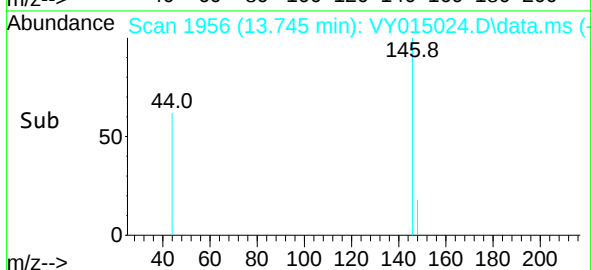
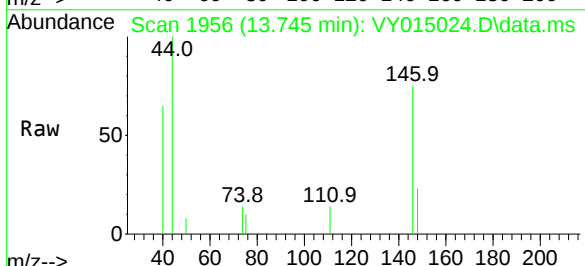
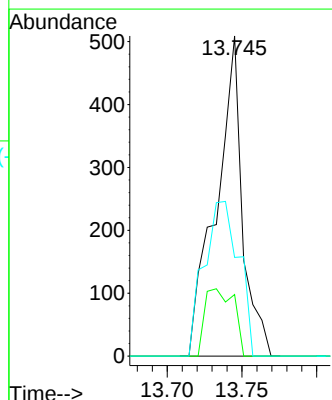
Tgt Ion:146 Resp: 620

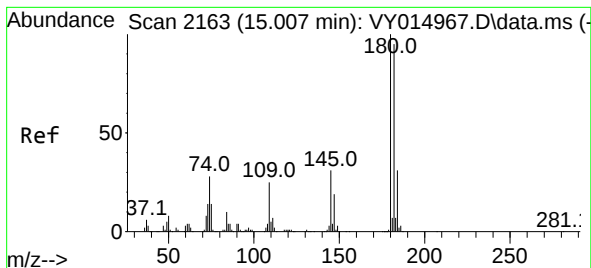
Ion Ratio Lower Upper

146 100

111 23.2 19.7 59.0

148 64.2 32.0 96.2





#93

1,2,4-Trichlorobenzene

Concen: 3.856 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.000 min

Lab File: VY015024.D

Acq: 10 Aug 2023 13:54

Instrument :

MSVOA_Y

ClientSampleId :

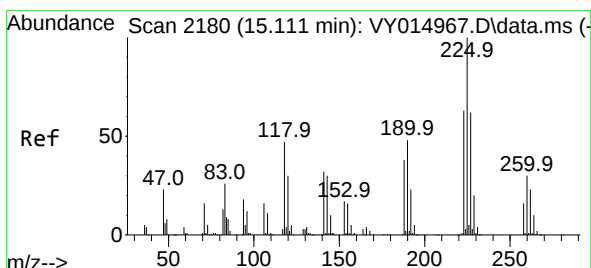
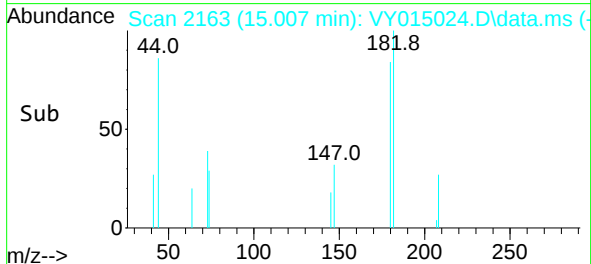
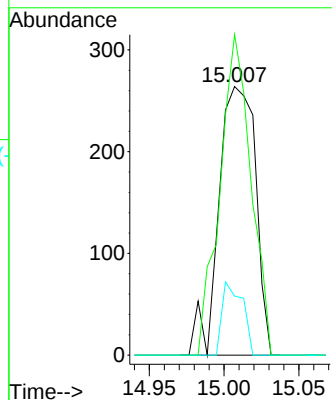
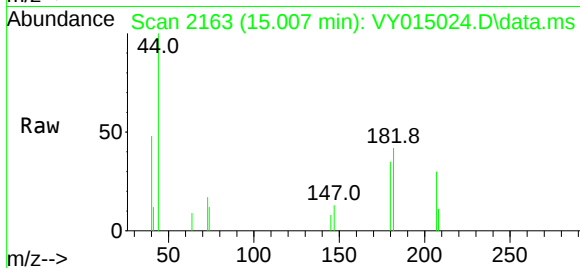
Tgt Ion:180 Resp: 452

Ion Ratio Lower Upper

180 100

182 100.9 47.0 141.2

145 15.0 14.5 43.5



#94

Hexachlorobutadiene

Concen: 3.807 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY015024.D

Acq: 10 Aug 2023 13:54

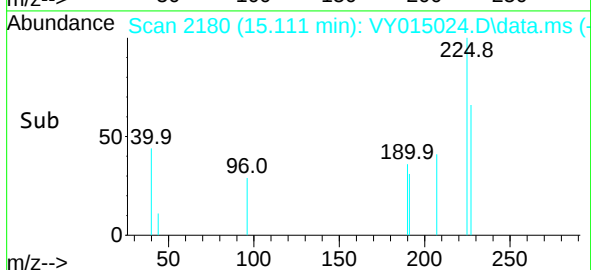
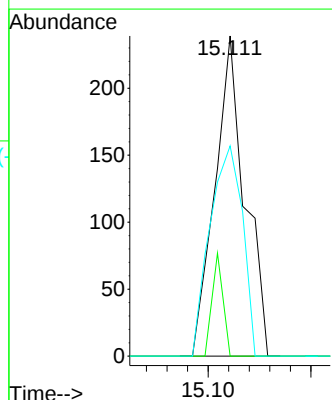
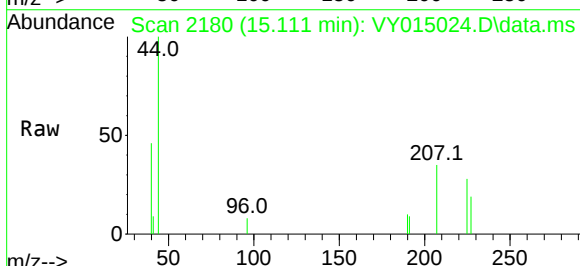
Tgt Ion:225 Resp: 242

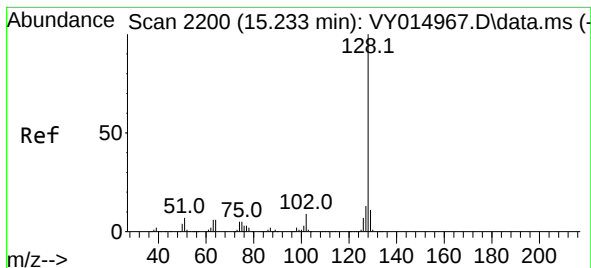
Ion Ratio Lower Upper

225 100

223 11.6 31.9 95.9#

227 71.1 33.0 98.9





#95

Naphthalene

Concen: 20.082 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. -0.000 min

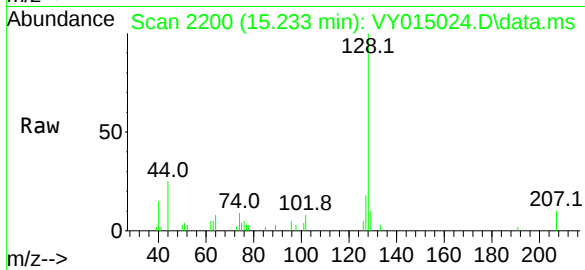
Lab File: VY015024.D

Acq: 10 Aug 2023 13:54

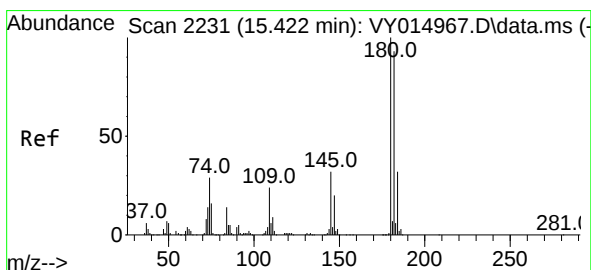
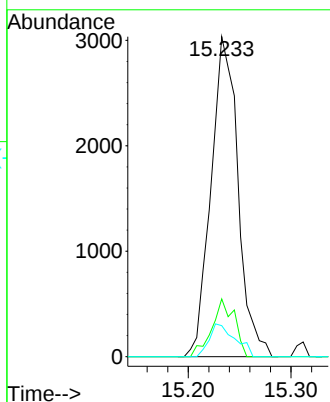
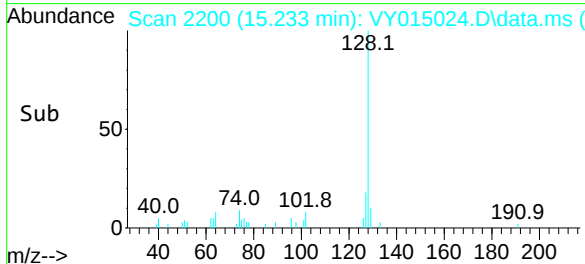
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	128	Resp:	5539
Ion Ratio	Lower	Upper	
128	100		
127	15.1	10.8	16.2
129	9.7	8.6	13.0



#96

1,2,3-Trichlorobenzene

Concen: 4.976 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY015024.D

Acq: 10 Aug 2023 13:54

Tgt Ion:	180	Resp:	528
Ion Ratio	Lower	Upper	
180	100		
182	78.4	47.3	141.8
145	21.2	15.4	46.2

