

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072222\
 Data File : VY009661.D
 Acq On : 22 Jul 2022 15:48
 Operator : KP/MD
 Sample : N3773-17
 Misc : 6.26g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DL-3(14.5-15)RE

Quant Time: Jul 23 00:54:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 19 04:22:09 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	10031	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	14170	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	13977	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	6455	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	5402	56.942	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 113.880%			
35) Dibromofluoromethane	7.703	113	2222	24.891	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 49.780%#			
50) Toluene-d8	10.173	98	16345	47.628	ug/l	0.00
Spiked Amount 50.000	Range 78 - 125		Recovery = 95.260%			
62) 4-Bromofluorobenzene	12.477	95	5695	51.213	ug/l	0.00
Spiked Amount 50.000	Range 50 - 146		Recovery = 102.420%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.900	85	301	3.420	ug/l	99
3) Chloromethane	2.107	50	605	4.638	ug/l	94
5) Bromomethane	2.656	94	737	7.983	ug/l	90
10) Methyl Iodide	4.082	142	1297	10.330	ug/l	# 73
11) Tert butyl alcohol	4.930	59	98	Below Cal	#	77
16) Acetone	3.948	43	422	17.584	ug/l	# 47
20) Methylene Chloride	4.704	84	1779	6.082	ug/l	# 78
38) Carbon Tetrachloride	7.789	117	864	6.257	ug/l	# 11
51) 4-Methyl-2-Pentanone	10.069	43	183	2.620	ug/l	# 40
59) 2-Hexanone	10.843	43	50	1.029	ug/l	# 28
64) Tetrachloroethene	10.709	164	125	1.143	ug/l	# 19
67) Ethyl Benzene	11.593	91	1874	3.731	ug/l	# 81
68) m/p-Xylenes	11.703	106	1012	5.062	ug/l	92
73) Isopropylbenzene	12.325	105	645	1.443	ug/l	86
75) 1,1,2,2-Tetrachloroethane	12.581	83	164	1.832	ug/l	# 26
76) 1,2,3-Trichloropropane	12.477	75	2742	44.592	ug/l	# 100
77) Bromobenzene	12.831	156	381	3.390	ug/l	# 1
78) n-propylbenzene	12.666	91	2207	4.087	ug/l	98
79) 2-Chlorotoluene	12.855	91	430	1.436	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	2036	5.513	ug/l	92
81) trans-1,4-Dichloro-2-b...	12.477	75	2742	87.926	ug/l	# 7
82) 4-Chlorotoluene	12.855	91	430	1.384	ug/l	97
84) 1,2,4-Trimethylbenzene	13.117	105	5281	14.299	ug/l	90
85) sec-Butylbenzene	13.251	105	625	1.285	ug/l	96
86) p-Isopropyltoluene	13.373	119	409	1.000	ug/l	# 51
87) 1,3-Dichlorobenzene	13.367	146	267	1.201	ug/l	76
88) 1,4-Dichlorobenzene	13.446	146	315	1.429	ug/l	94
89) n-Butylbenzene	13.696	91	808	2.164	ug/l	# 83
90) Hexachloroethane	13.965	117	236	2.996	ug/l	# 6
91) 1,2-Dichlorobenzene	13.739	146	258	1.328	ug/l	68
92) 1,2-Dibromo-3-Chloropr...	14.562	75	28	2.056	ug/l	# 6
93) 1,2,4-Trichlorobenzene	15.007	180	277	2.272	ug/l	# 60
94) Hexachlorobutadiene	15.111	225	102	1.411	ug/l	# 73
95) Naphthalene	15.239	128	4111	17.664	ug/l	# 90
96) 1,2,3-Trichlorobenzene	15.428	180	268	2.503	ug/l	# 53

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Quant Title : SW846 8260
QLast Update : Tue Jul 19 04:22:09 2022
Response via : Initial Calibration

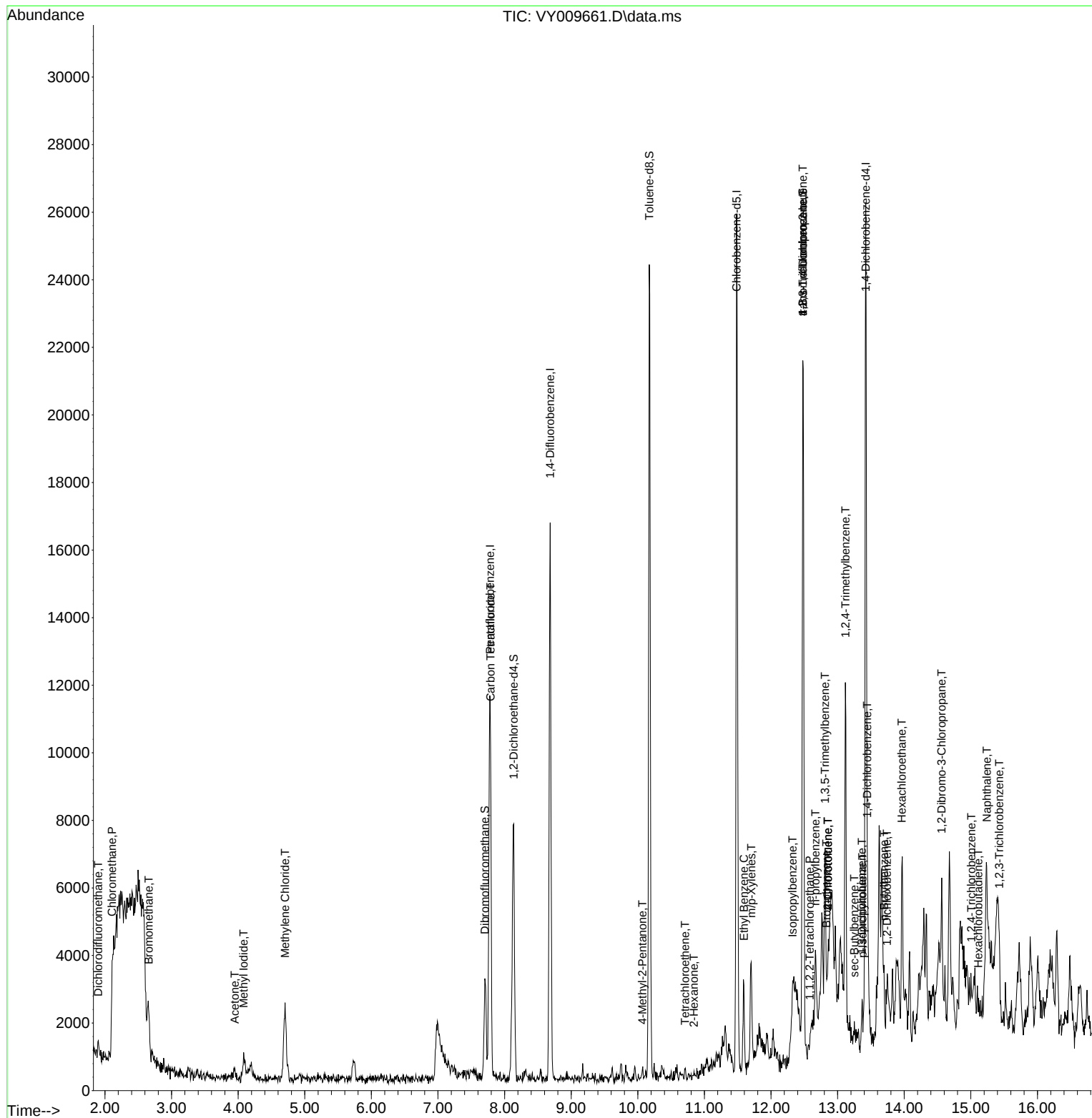
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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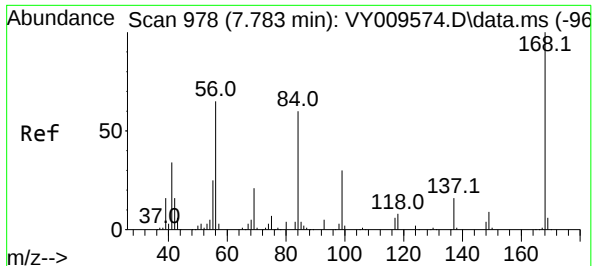
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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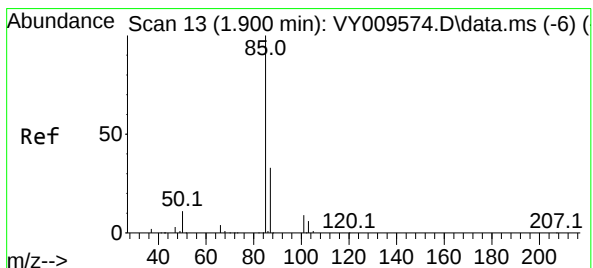
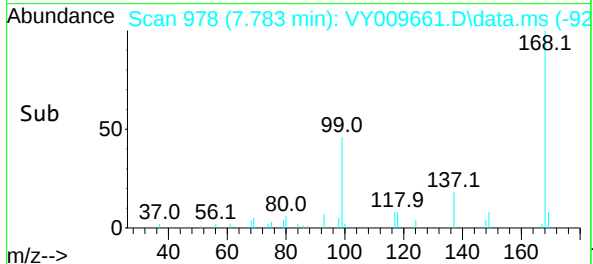
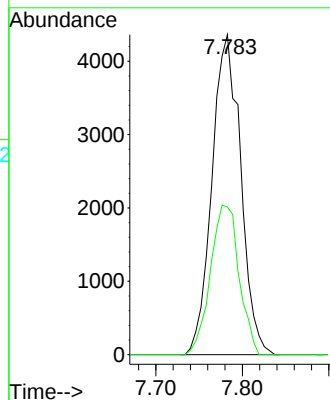
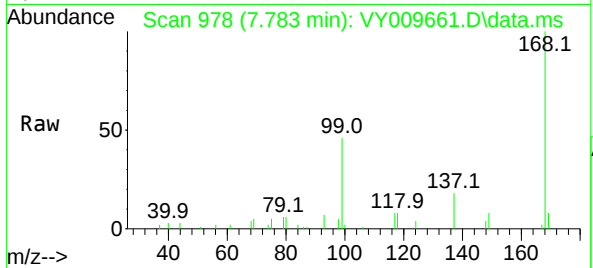




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009661.D
Acq: 22 Jul 2022 15:48

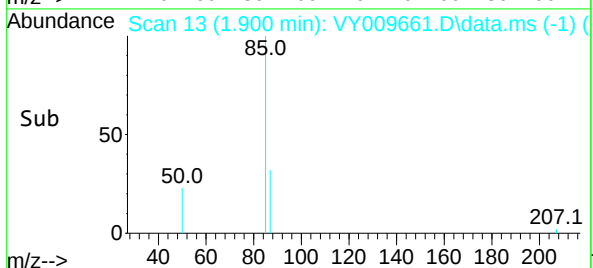
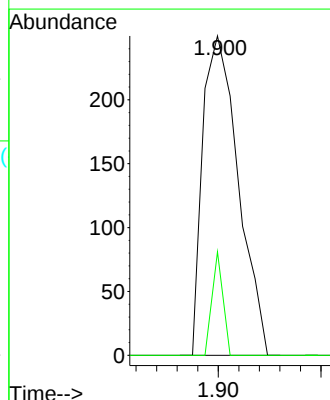
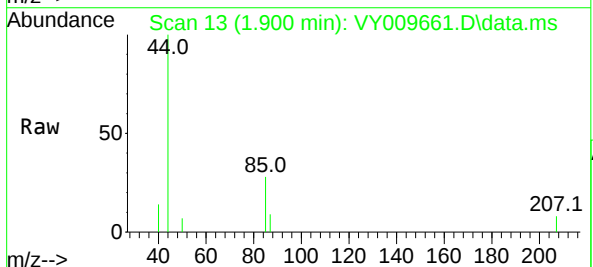
Instrument :
MSVOA_Y
ClientSampleId :
DL-3(14.5-15)RE

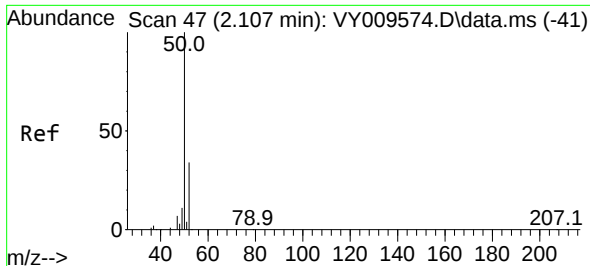
Tgt Ion:168 Resp: 10031
Ion Ratio Lower Upper
168 100
99 46.1 46.9 70.3#



#2
Dichlorodifluoromethane
Concen: 3.420 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY009661.D
Acq: 22 Jul 2022 15:48

Tgt Ion: 85 Resp: 301
Ion Ratio Lower Upper
85 100
87 32.4 16.1 48.2

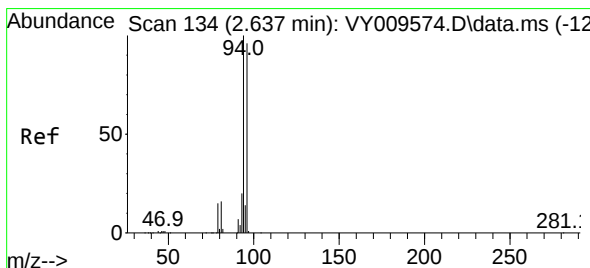
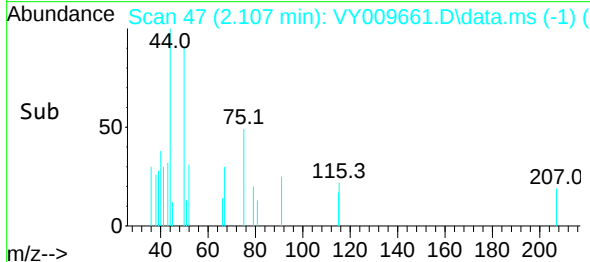
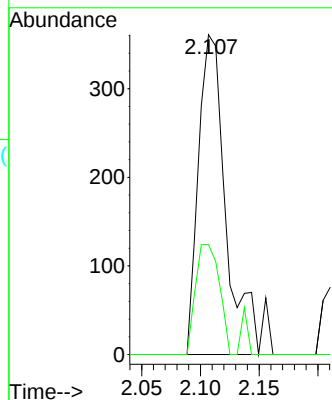
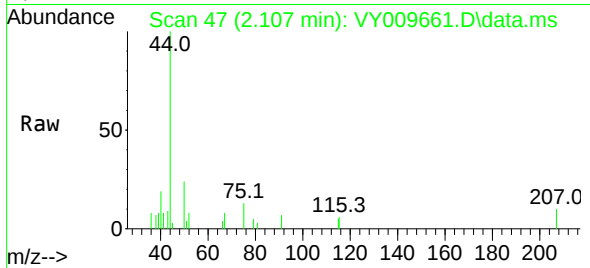




#3
Chloromethane
Concen: 4.638 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY009661.D
Acq: 22 Jul 2022 15:48

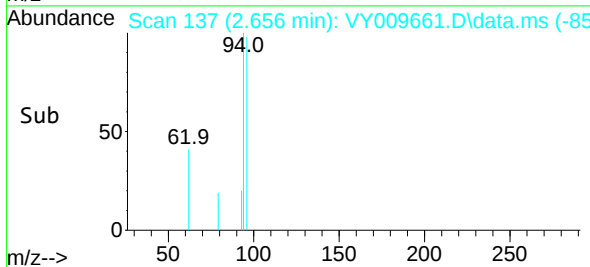
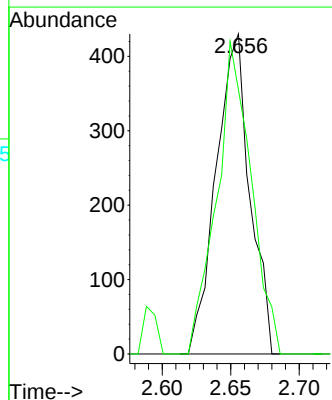
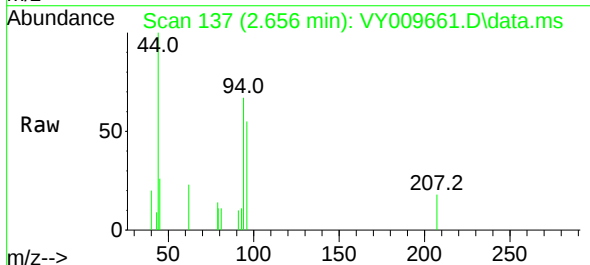
Instrument :
MSVOA_Y
ClientSampleId :
DL-3(14.5-15)RE

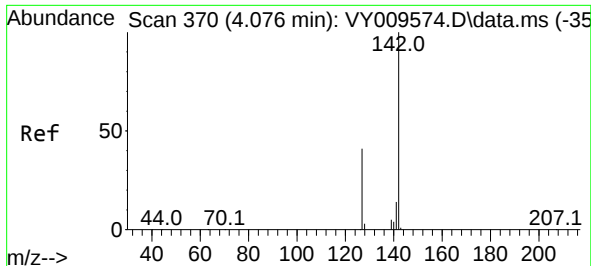
Tgt Ion: 50 Resp: 605
Ion Ratio Lower Upper
50 100
52 34.3 24.6 37.0



#5
Bromomethane
Concen: 7.983 ug/l
RT: 2.656 min Scan# 137
Delta R.T. 0.018 min
Lab File: VY009661.D
Acq: 22 Jul 2022 15:48

Tgt Ion: 94 Resp: 737
Ion Ratio Lower Upper
94 100
96 82.6 73.5 110.3





#10

Methyl Iodide

Concen: 10.330 ug/l

RT: 4.082 min Scan# 31

Delta R.T. 0.006 min

Lab File: VY009661.D

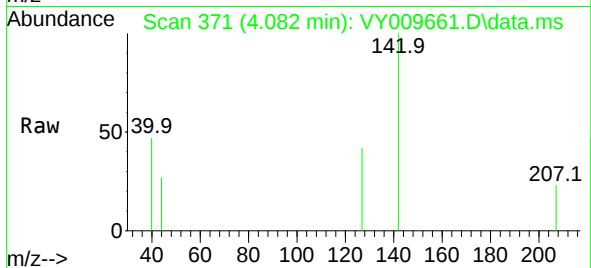
Acq: 22 Jul 2022 15:48

Instrument :

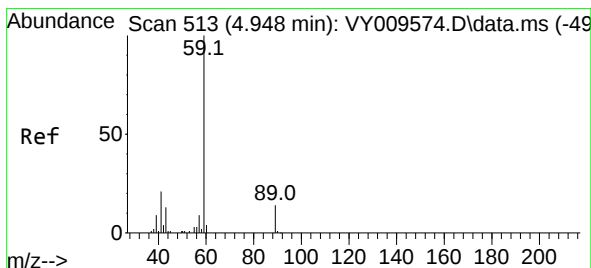
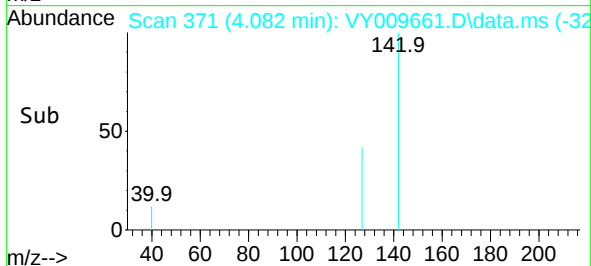
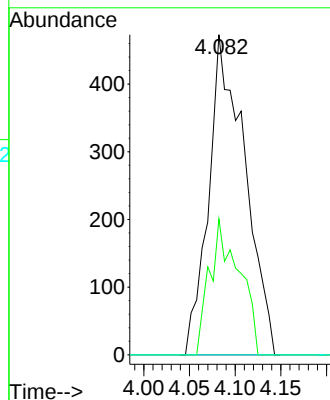
MSVOA_Y

ClientSampleId :

DL-3(14.5-15)RE



Tgt Ion:	142	Resp:	1297
Ion	Ratio	Lower	Upper
142	100		
127	34.7	41.5	62.3#
141	0.0	11.9	17.9#



#11

Tert butyl alcohol

Concen: Below Cal

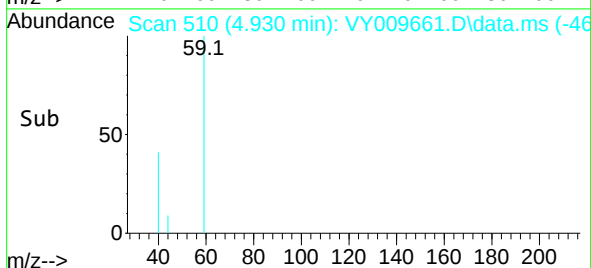
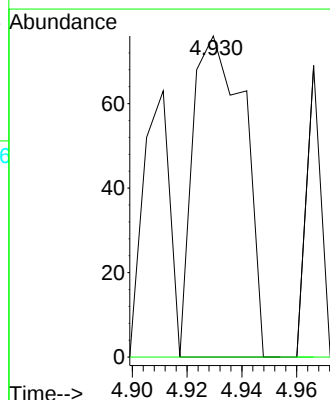
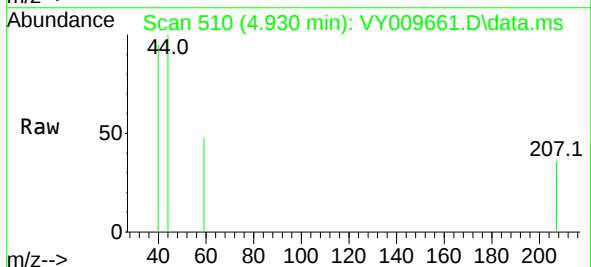
RT: 4.930 min Scan# 510

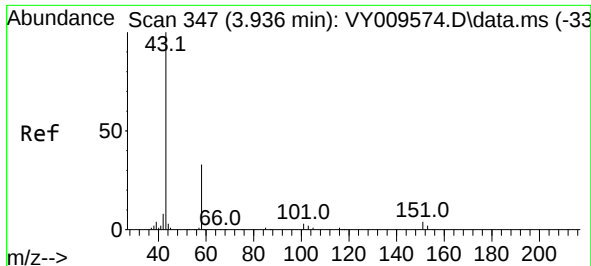
Delta R.T. -0.018 min

Lab File: VY009661.D

Acq: 22 Jul 2022 15:48

Tgt Ion:	59	Resp:	98
Ion	Ratio	Lower	Upper
59	100		
57	0.0	6.4	9.6#

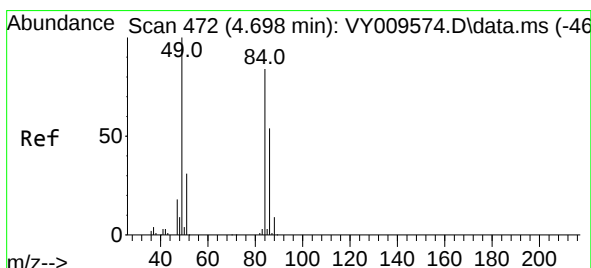
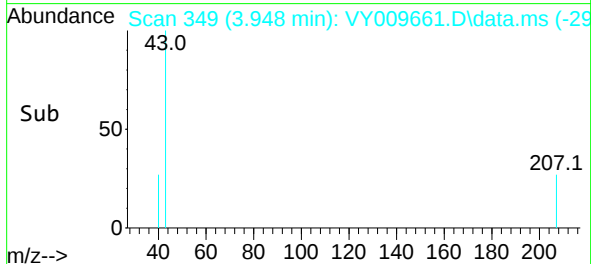
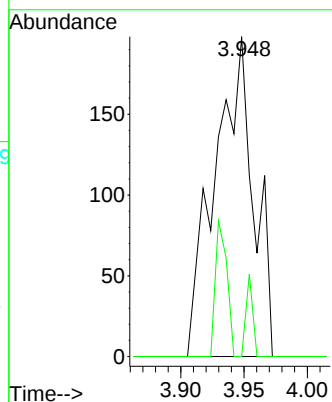
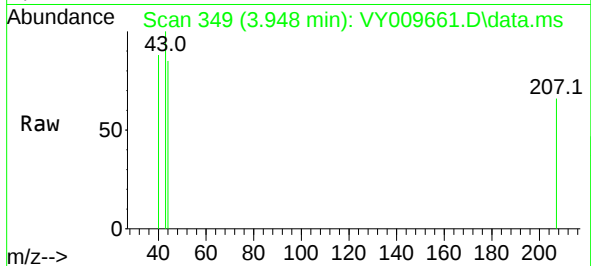




#16
Acetone
Concen: 17.584 ug/l
RT: 3.948 min Scan# 347
Delta R.T. 0.012 min
Lab File: VY009661.D
Acq: 22 Jul 2022 15:48

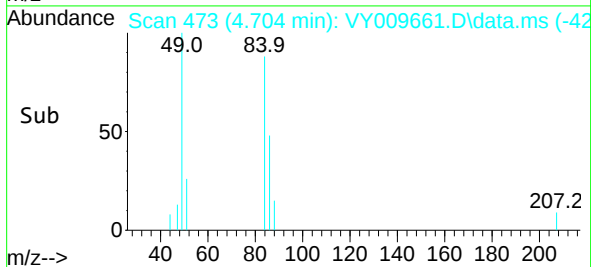
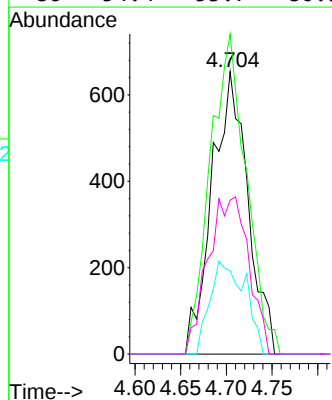
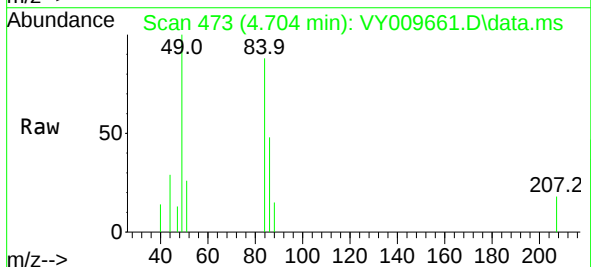
Instrument :
MSVOA_Y
ClientSampleId :
DL-3(14.5-15)RE

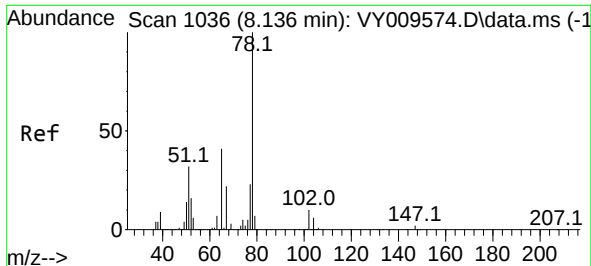
Tgt Ion: 43 Resp: 422
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#



#20
Methylene Chloride
Concen: 6.082 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.006 min
Lab File: VY009661.D
Acq: 22 Jul 2022 15:48

Tgt Ion: 84 Resp: 1779
Ion Ratio Lower Upper
84 100
49 113.3 114.4 171.6#
51 29.5 35.3 52.9#
86 54.4 53.7 80.5





#33

1,2-Dichloroethane-d4

Concen: 56.942 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VY009661.D

Acq: 22 Jul 2022 15:48

Instrument :

MSVOA_Y

ClientSampleId :

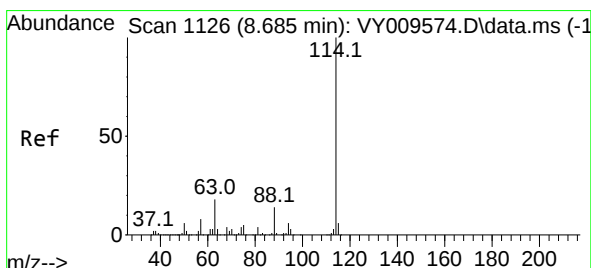
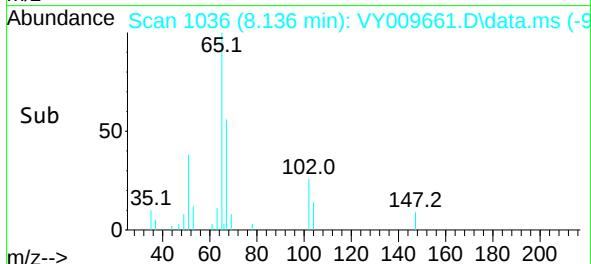
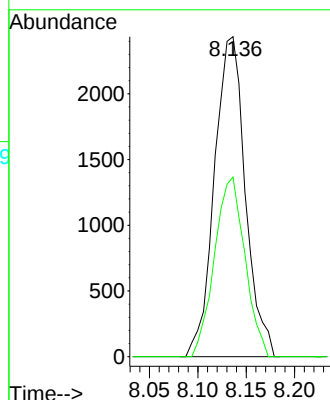
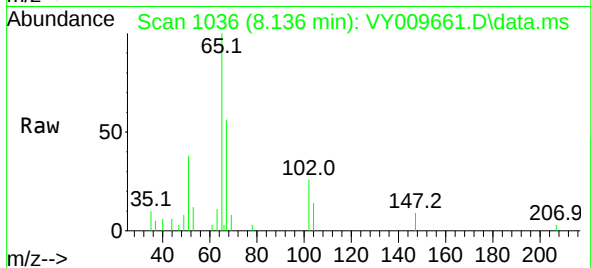
DL-3(14.5-15)RE

Tgt Ion: 65 Resp: 5402

Ion Ratio Lower Upper

65 100

67 55.2 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY009661.D

Acq: 22 Jul 2022 15:48

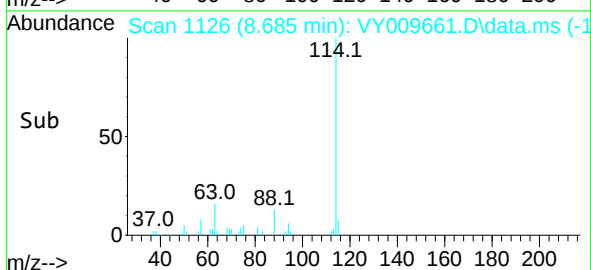
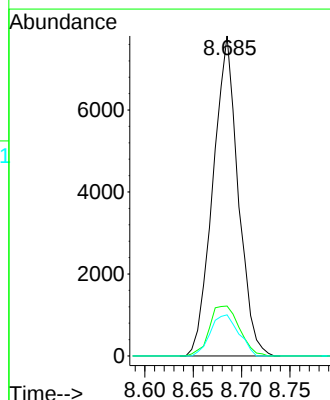
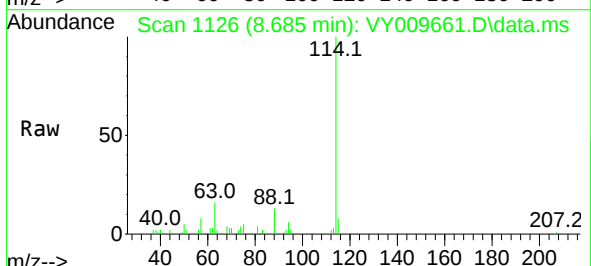
Tgt Ion: 114 Resp: 14170

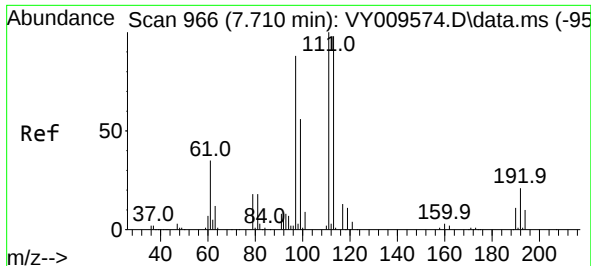
Ion Ratio Lower Upper

114 100

63 15.6 0.0 43.2

88 12.8 0.0 31.8

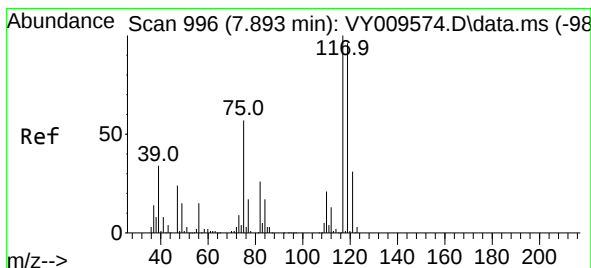
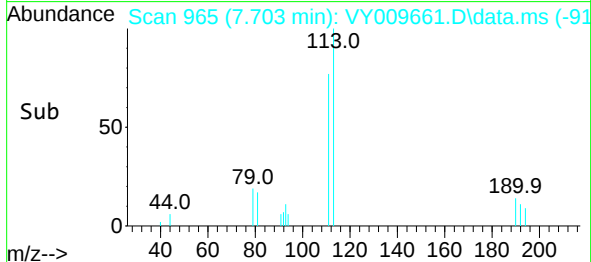
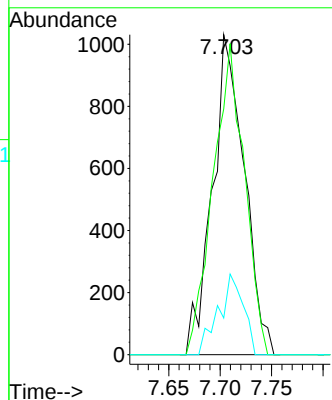
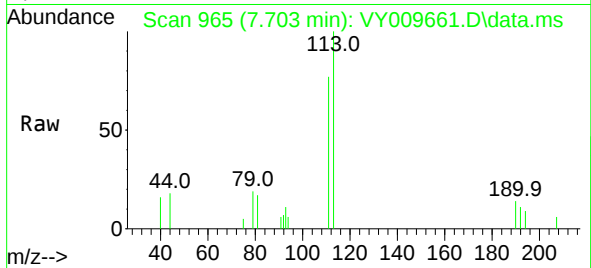




#35
Dibromofluoromethane
Concen: 24.891 ug/l
RT: 7.703 min Scan# 911
Delta R.T. -0.006 min
Lab File: VY009661.D
Acq: 22 Jul 2022 15:48

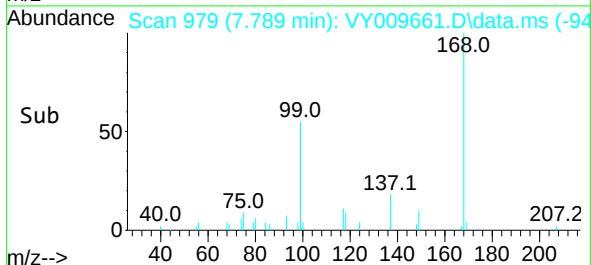
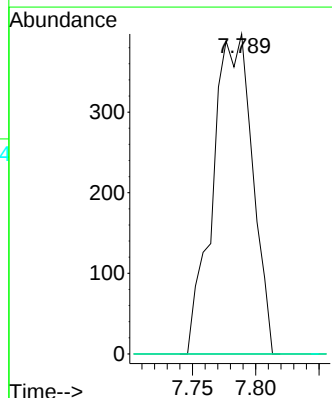
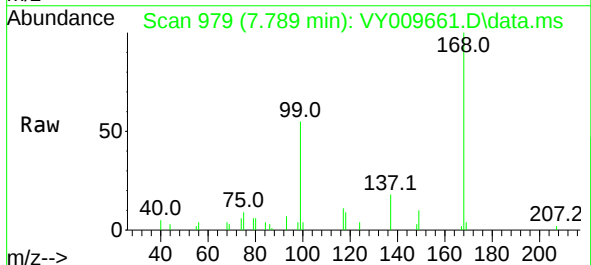
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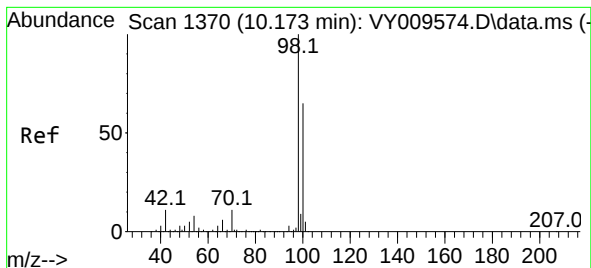
Tgt Ion:113 Resp: 2222
Ion Ratio Lower Upper
113 100
111 95.7 82.6 124.0
192 19.5 17.6 26.4



#38
Carbon Tetrachloride
Concen: 6.257 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.104 min
Lab File: VY009661.D
Acq: 22 Jul 2022 15:48

Tgt Ion:117 Resp: 864
Ion Ratio Lower Upper
117 100
119 0.0 77.9 116.9#
121 0.0 24.8 37.2#





#50

Toluene-d8

Concen: 47.628 ug/l

RT: 10.173 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY009661.D

Acq: 22 Jul 2022 15:48

Instrument :

MSVOA_Y

ClientSampleId :

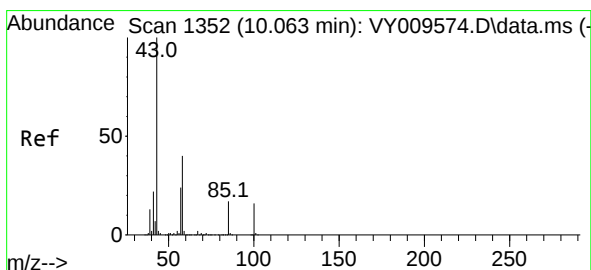
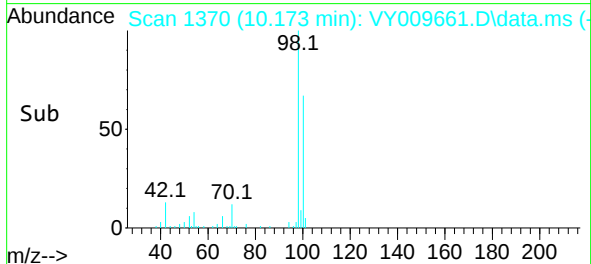
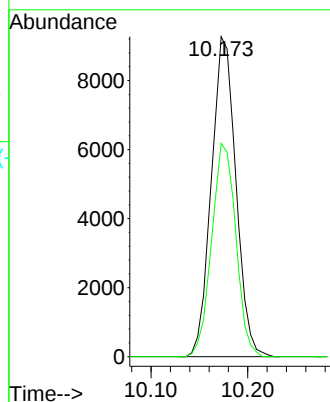
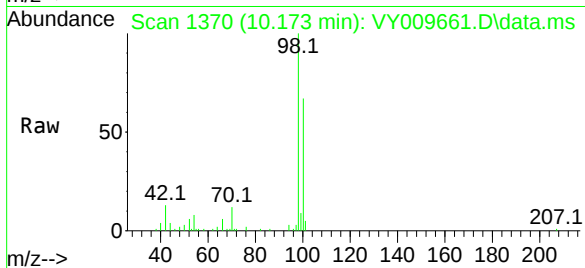
DL-3(14.5-15)RE

Tgt Ion: 98 Resp: 16345

Ion Ratio Lower Upper

98 100

100 65.7 50.2 75.2



#51

4-Methyl-2-Pentanone

Concen: 2.620 ug/l

RT: 10.069 min Scan# 1353

Delta R.T. 0.006 min

Lab File: VY009661.D

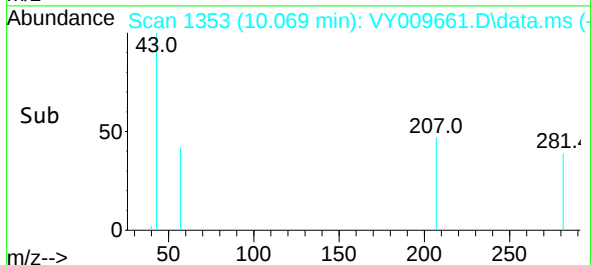
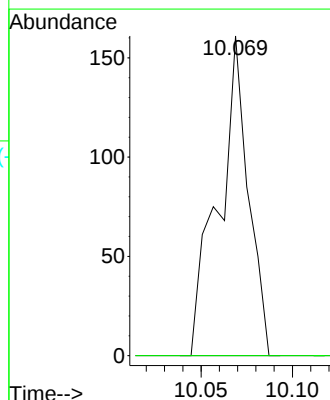
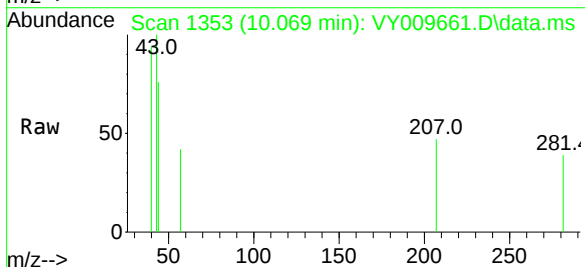
Acq: 22 Jul 2022 15:48

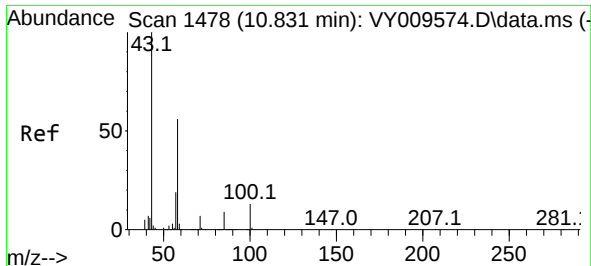
Tgt Ion: 43 Resp: 183

Ion Ratio Lower Upper

43 100

58 0.0 28.1 42.1#

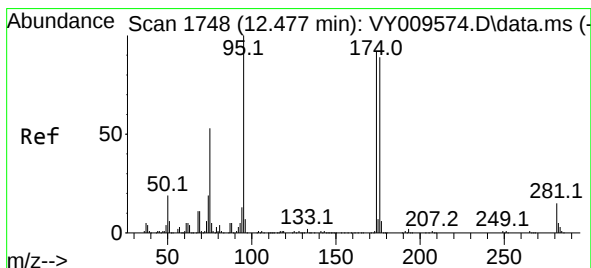
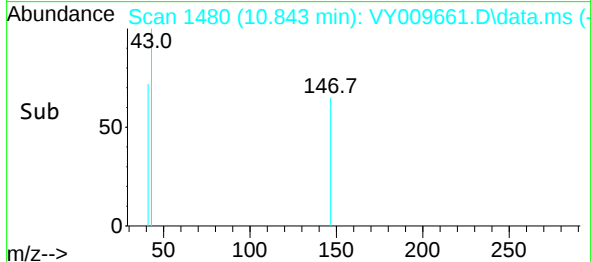
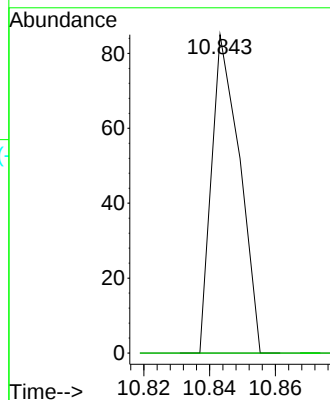
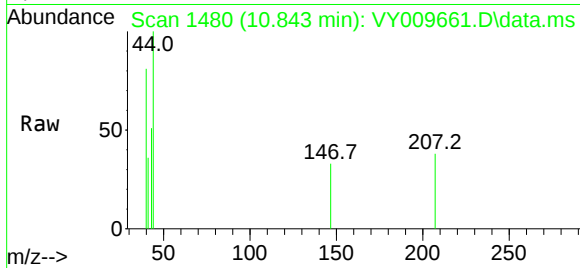




#59
2-Hexanone
Concen: 1.029 ug/l
RT: 10.843 min Scan# 1478
Delta R.T. 0.012 min
Lab File: VY009661.D
Acq: 22 Jul 2022 15:48

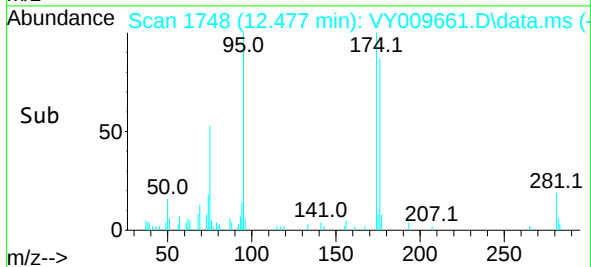
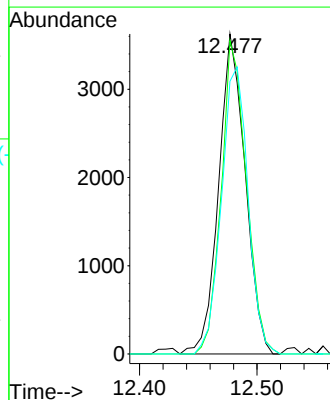
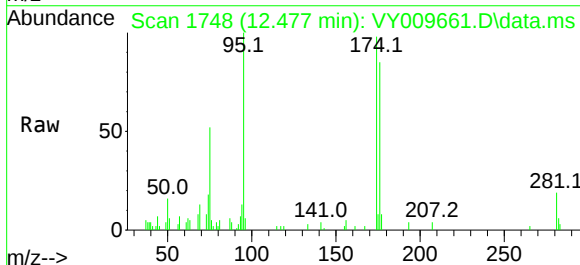
Instrument :
MSVOA_Y
ClientSampleId :
DL-3(14.5-15)RE

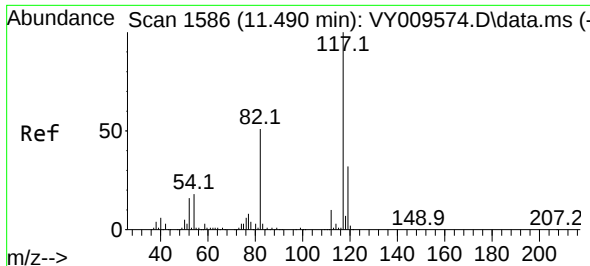
Tgt Ion: 43 Resp: 50
Ion Ratio Lower Upper
43 100
58 0.0 24.4 73.4#



#62
4-Bromofluorobenzene
Concen: 51.213 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY009661.D
Acq: 22 Jul 2022 15:48

Tgt Ion: 95 Resp: 5695
Ion Ratio Lower Upper
95 100
174 92.7 0.0 177.0
176 89.9 0.0 175.8

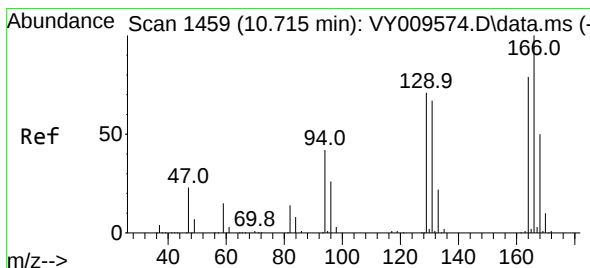
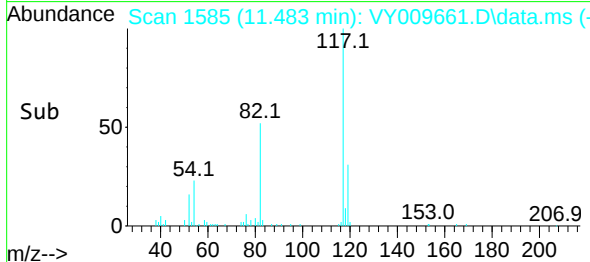
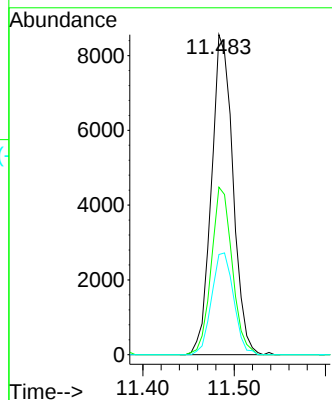
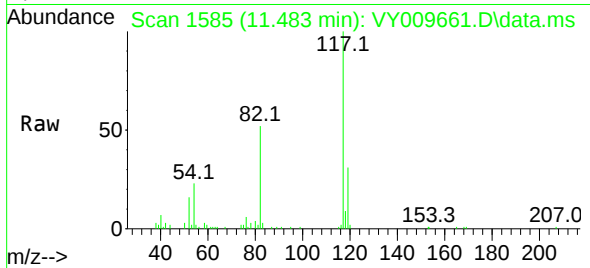




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY009661.D
Acq: 22 Jul 2022 15:48

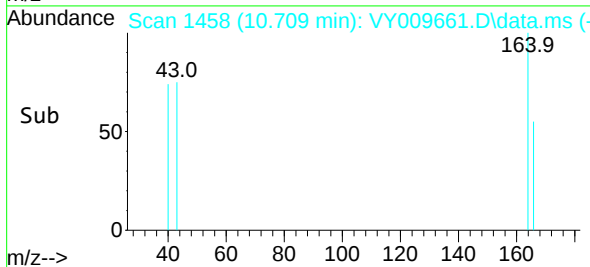
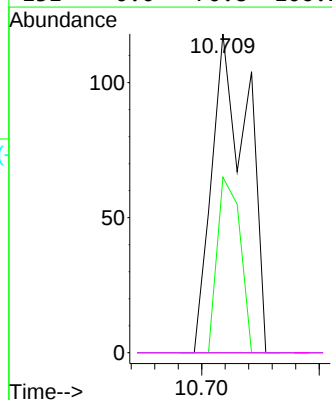
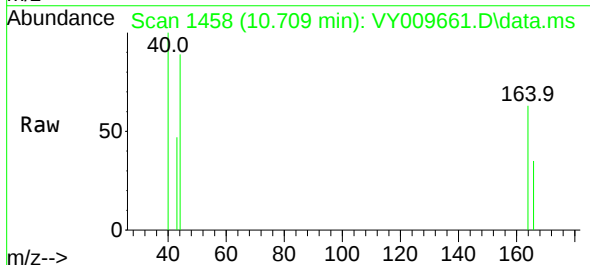
Instrument :
MSVOA_Y
ClientSampleId :
DL-3(14.5-15)RE

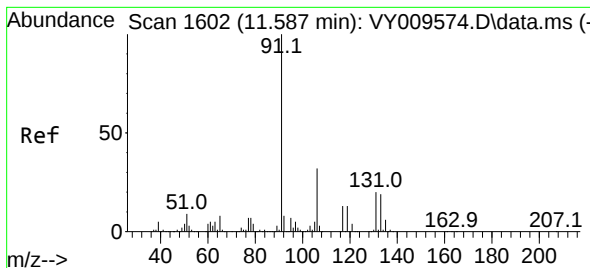
Tgt Ion:117	Resp:	13977
Ion	Ratio	Lower Upper
117	100	
82	52.3	43.0 64.4
119	31.3	25.4 38.0



#64
Tetrachloroethene
Concen: 1.143 ug/l
RT: 10.709 min Scan# 1458
Delta R.T. -0.006 min
Lab File: VY009661.D
Acq: 22 Jul 2022 15:48

Tgt Ion:164	Resp:	125
Ion	Ratio	Lower Upper
164	100	
166	55.1	100.4 150.6#
129	0.0	71.4 107.0#
131	0.0	70.8 106.2#





#67

Ethyl Benzene

Concen: 3.731 ug/l

RT: 11.593 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY009661.D

Acq: 22 Jul 2022 15:48

Instrument :

MSVOA_Y

ClientSampleId :

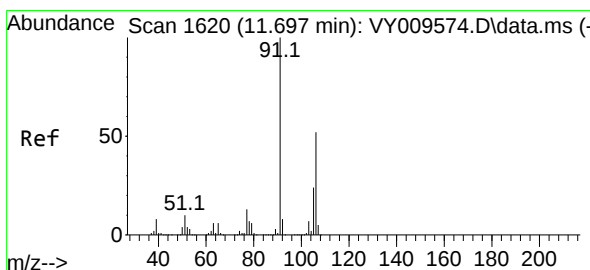
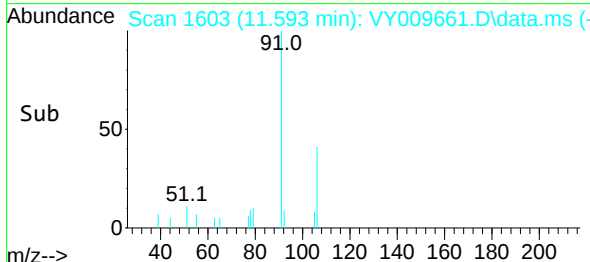
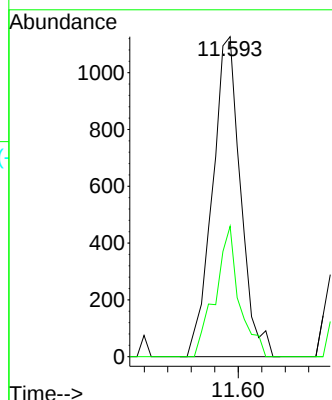
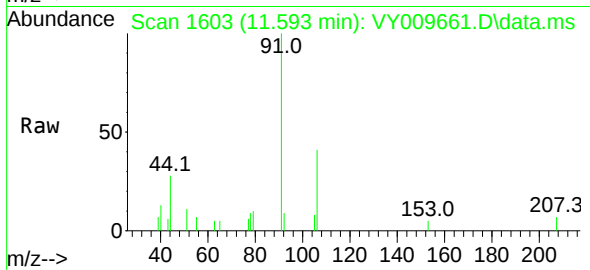
DL-3(14.5-15)RE

Tgt Ion: 91 Resp: 1874

Ion Ratio Lower Upper

91 100

106 40.7 24.5 36.7#



#68

m/p-Xylenes

Concen: 5.062 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.006 min

Lab File: VY009661.D

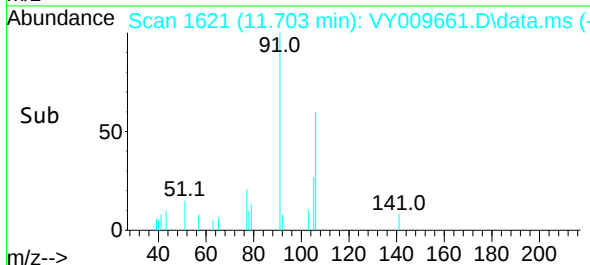
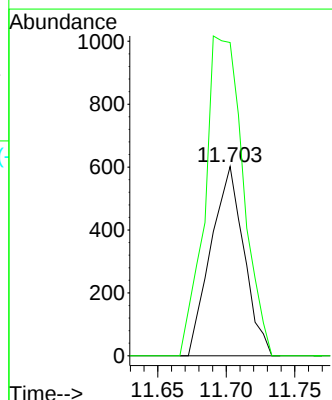
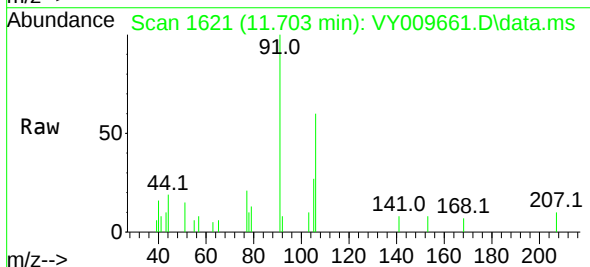
Acq: 22 Jul 2022 15:48

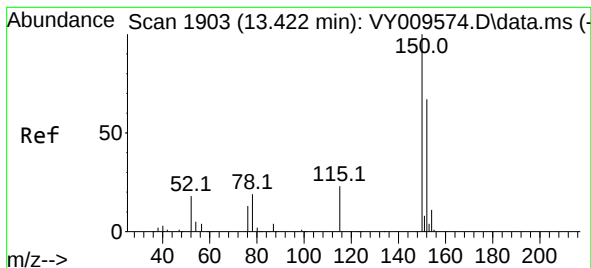
Tgt Ion:106 Resp: 1012

Ion Ratio Lower Upper

106 100

91 195.1 166.6 249.8

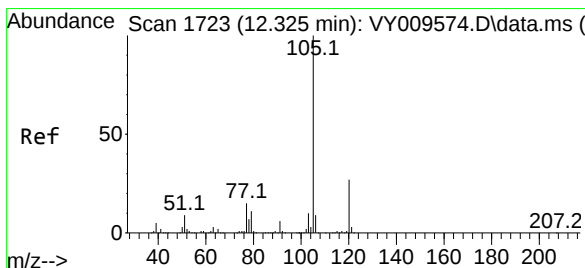
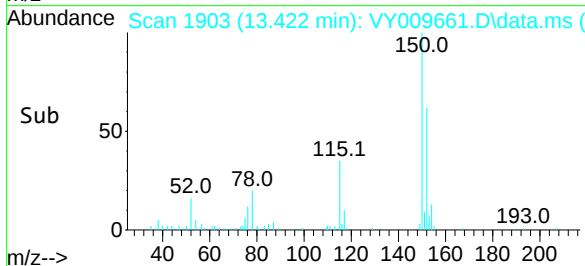
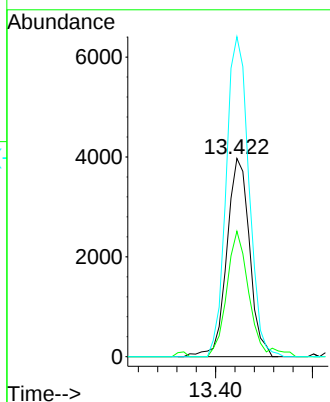
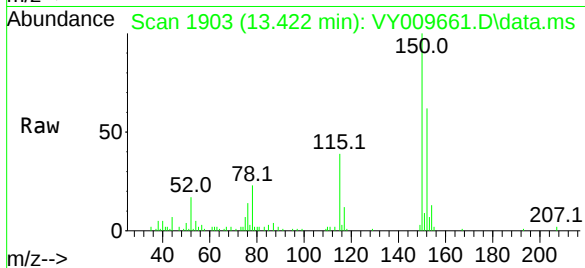




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY009661.D
Acq: 22 Jul 2022 15:48

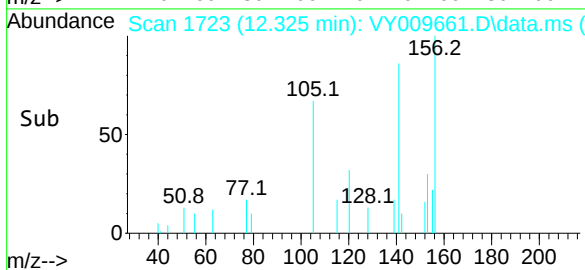
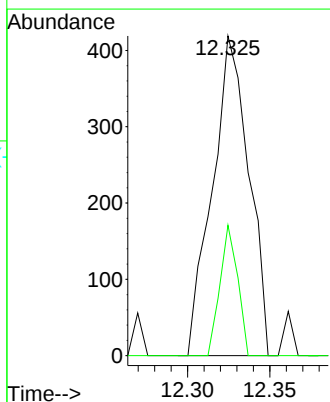
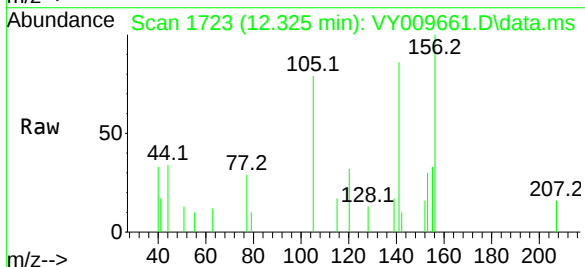
Instrument :
MSVOA_Y
ClientSampleId :
DL-3(14.5-15)RE

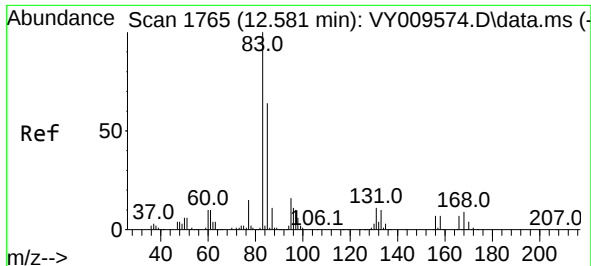
Tgt Ion:152 Resp: 6455
Ion Ratio Lower Upper
152 100
115 62.5 28.2 84.7
150 161.6 0.0 347.6



#73
Isopropylbenzene
Concen: 1.443 ug/l
RT: 12.325 min Scan# 1723
Delta R.T. -0.000 min
Lab File: VY009661.D
Acq: 22 Jul 2022 15:48

Tgt Ion:105 Resp: 645
Ion Ratio Lower Upper
105 100
120 19.7 13.4 40.2

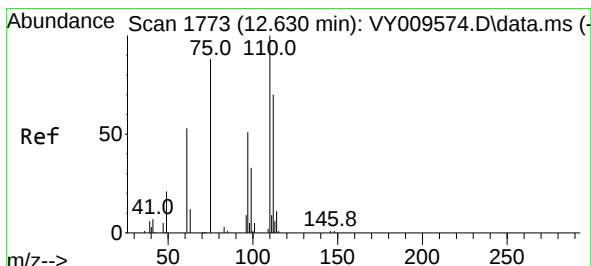
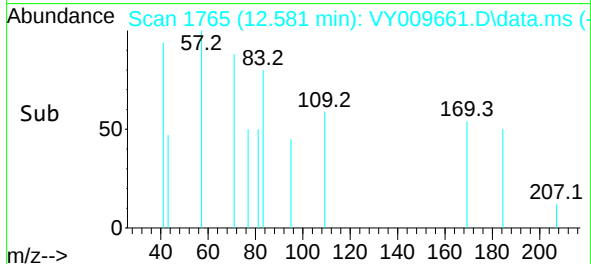
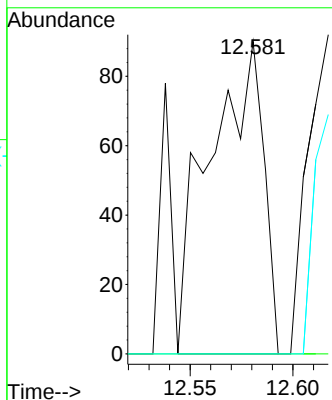
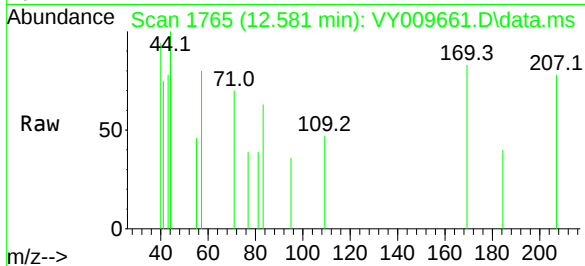




#75
 1,1,2,2-Tetrachloroethane
 Concen: 1.832 ug/l
 RT: 12.581 min Scan# 1765
 Delta R.T. -0.000 min
 Lab File: VY009661.D
 Acq: 22 Jul 2022 15:48

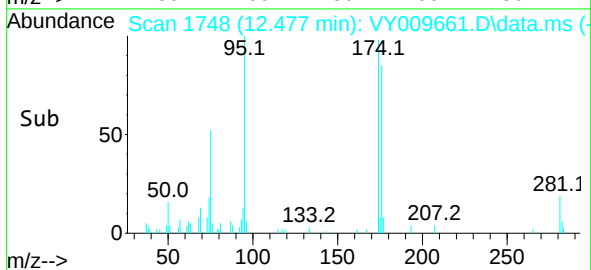
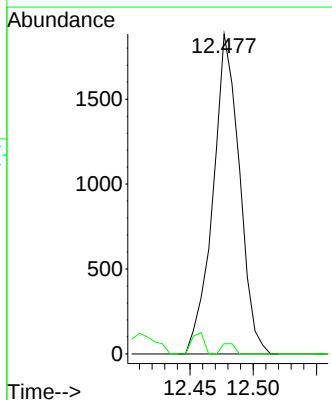
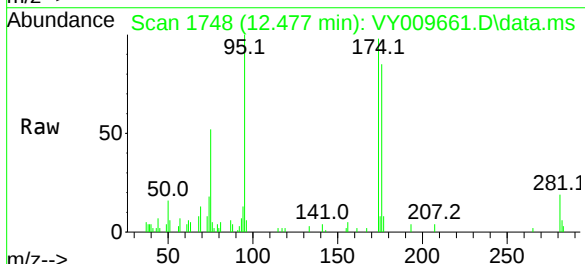
Instrument :
 MSVOA_Y
 ClientSampleId :
 DL-3(14.5-15)RE

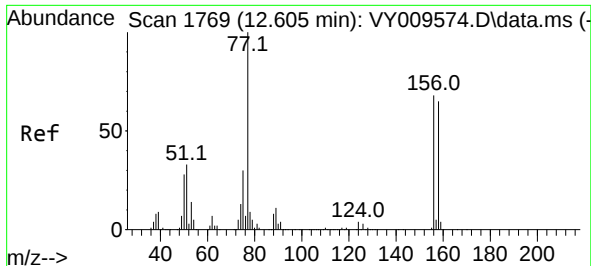
Tgt Ion: 83 Resp: 164
 Ion Ratio Lower Upper
 83 100
 131 0.0 5.6 16.8#
 85 0.0 32.3 96.8#



#76
 1,2,3-Trichloropropane
 Concen: 44.592 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.153 min
 Lab File: VY009661.D
 Acq: 22 Jul 2022 15:48

Tgt Ion: 75 Resp: 2742
 Ion Ratio Lower Upper
 75 100
 77 1.6 0.0 0.0#

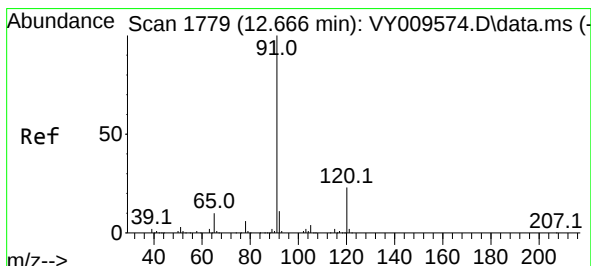
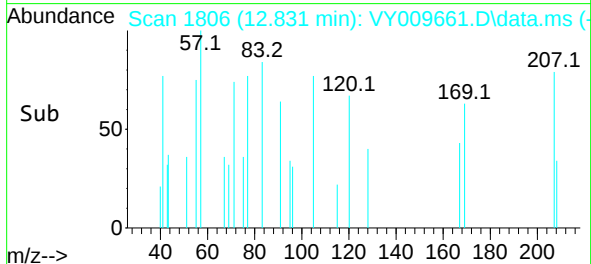
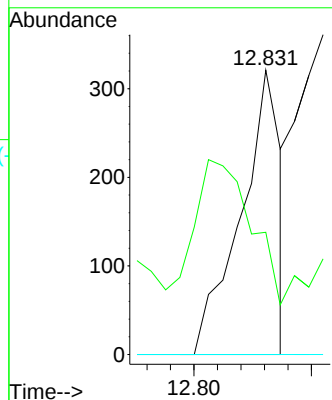
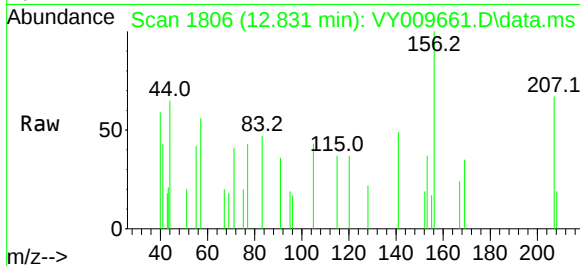




#77
Bromobenzene
Concen: 3.390 ug/l
RT: 12.831 min Scan# 11
Delta R.T. 0.225 min
Lab File: VY009661.D
Acq: 22 Jul 2022 15:48

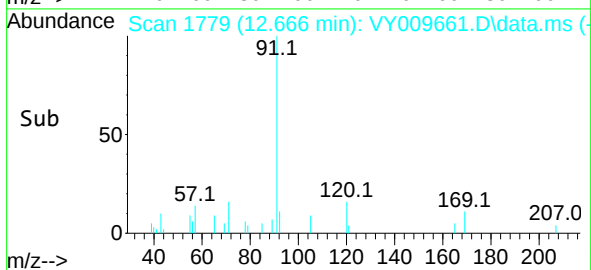
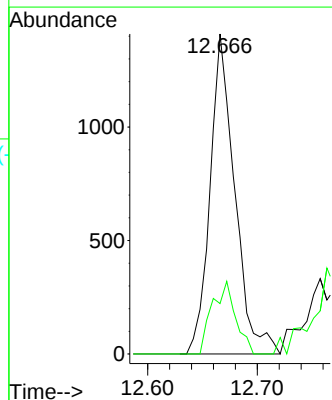
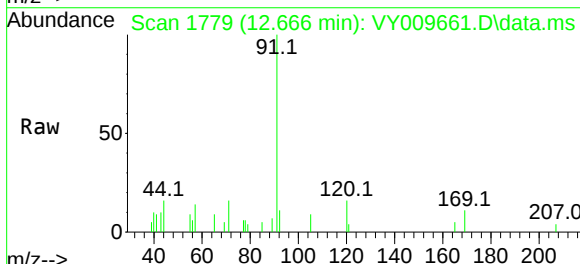
Instrument :
MSVOA_Y
ClientSampleId :
DL-3(14.5-15)RE

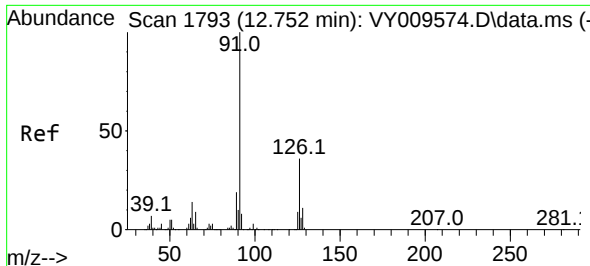
Tgt Ion:156 Resp: 381
Ion Ratio Lower Upper
156 100
77 0.0 95.5 286.4#
158 0.0 48.0 144.0#



#78
n-propylbenzene
Concen: 4.087 ug/l
RT: 12.666 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VY009661.D
Acq: 22 Jul 2022 15:48

Tgt Ion: 91 Resp: 2207
Ion Ratio Lower Upper
91 100
120 21.5 11.3 33.9

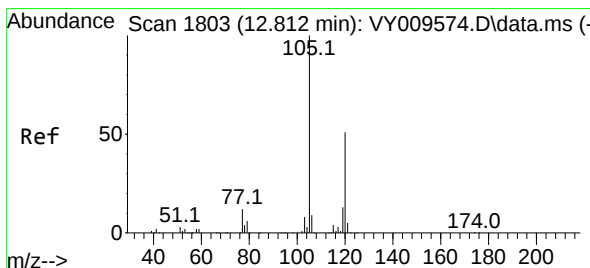
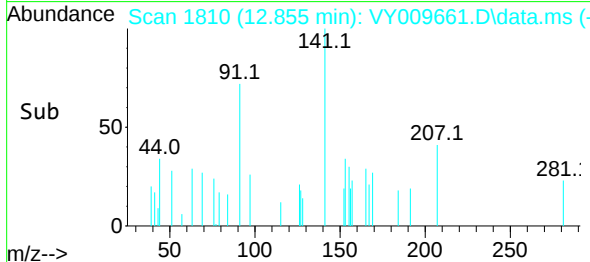
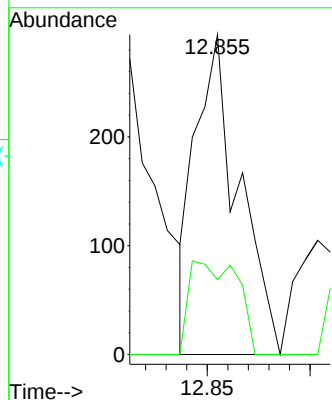
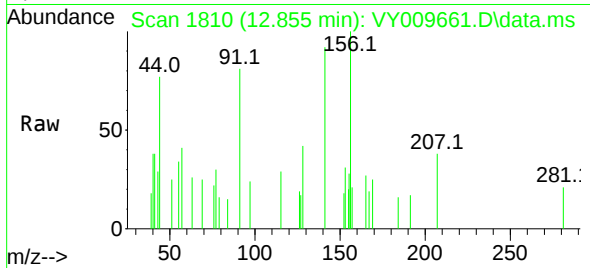




#79
2-Chlorotoluene
Concen: 1.436 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.103 min
Lab File: VY009661.D
Acq: 22 Jul 2022 15:48

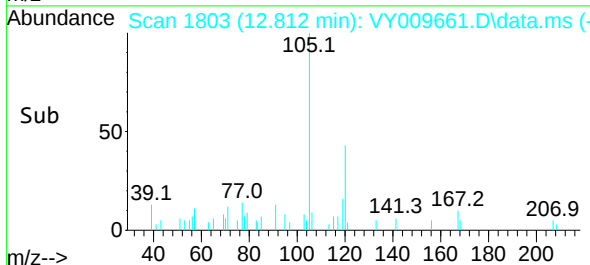
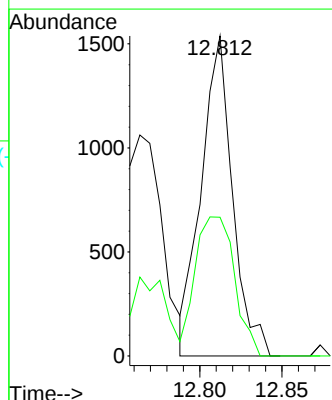
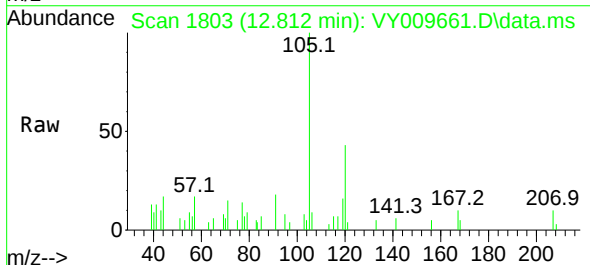
Instrument :
MSVOA_Y
ClientSampleId :
DL-3(14.5-15)RE

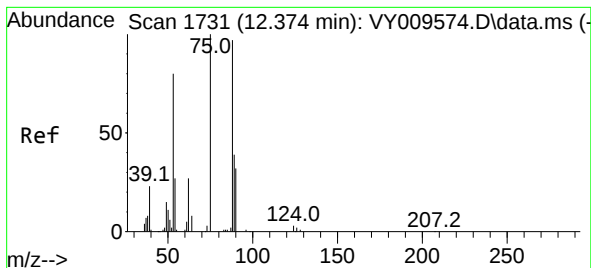
Tgt Ion: 91 Resp: 430
Ion Ratio Lower Upper
91 100
126 32.6 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 5.513 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY009661.D
Acq: 22 Jul 2022 15:48

Tgt Ion: 105 Resp: 2036
Ion Ratio Lower Upper
105 100
120 54.5 24.4 73.4

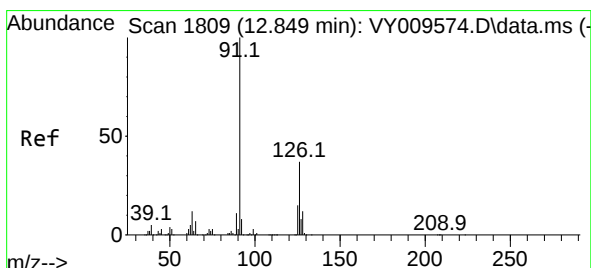
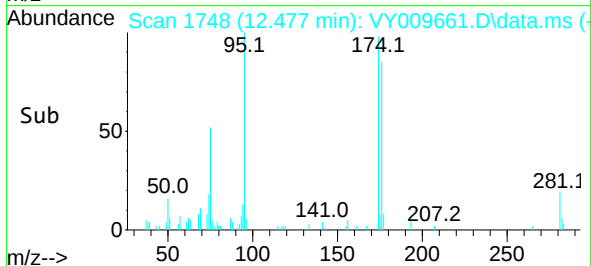
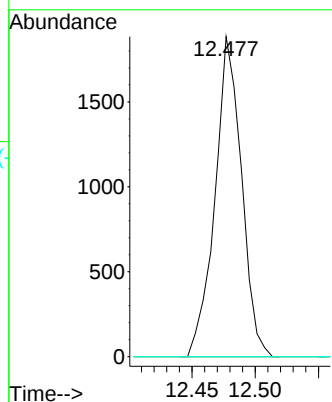
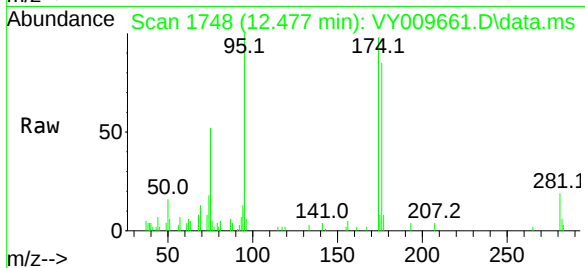




#81
trans-1,4-Dichloro-2-butene
Concen: 87.926 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.103 min
Lab File: VY009661.D
Acq: 22 Jul 2022 15:48

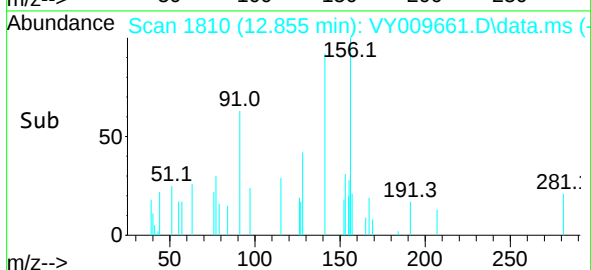
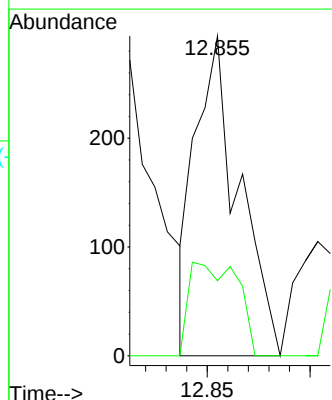
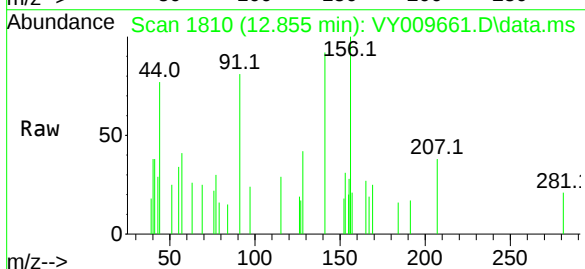
Instrument :
MSVOA_Y
ClientSampleId :
DL-3(14.5-15)RE

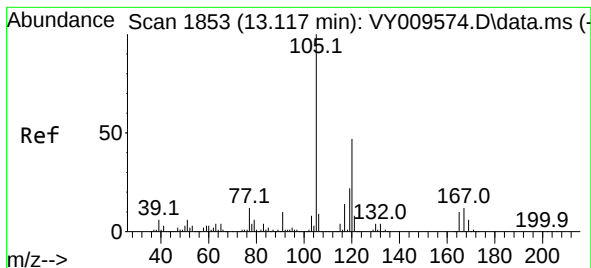
Tgt Ion: 75 Resp: 2742
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#



#82
4-Chlorotoluene
Concen: 1.384 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VY009661.D
Acq: 22 Jul 2022 15:48

Tgt Ion: 91 Resp: 430
Ion Ratio Lower Upper
91 100
126 32.6 17.0 51.0





#84

1,2,4-Trimethylbenzene

Concen: 14.299 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. -0.000 min

Lab File: VY009661.D

Acq: 22 Jul 2022 15:48

Instrument :

MSVOA_Y

ClientSampleId :

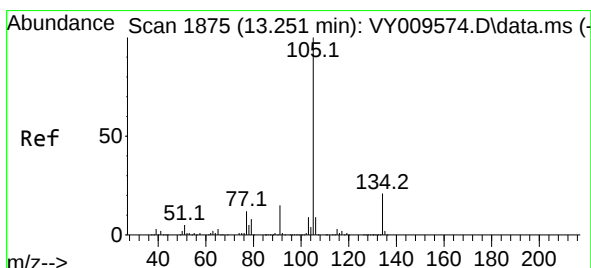
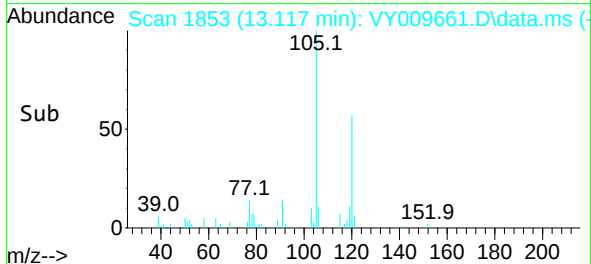
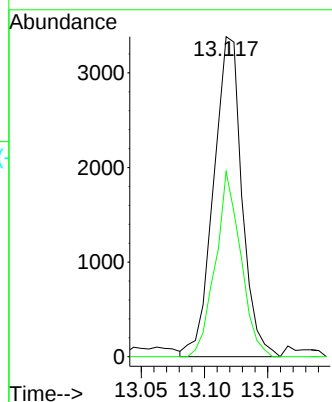
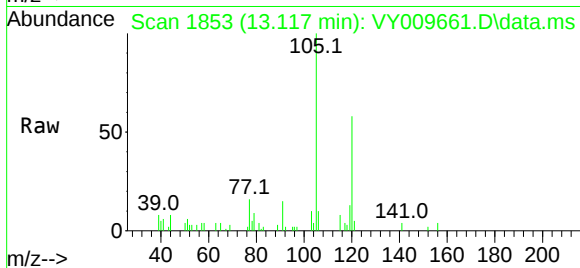
DL-3(14.5-15)RE

Tgt Ion:105 Resp: 5281

Ion Ratio Lower Upper

105 100

120 51.4 22.3 66.9



#85

sec-Butylbenzene

Concen: 1.285 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VY009661.D

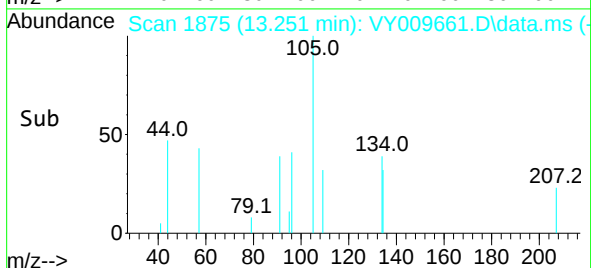
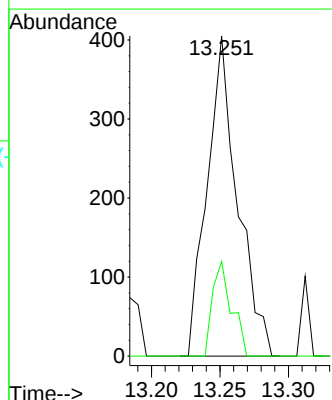
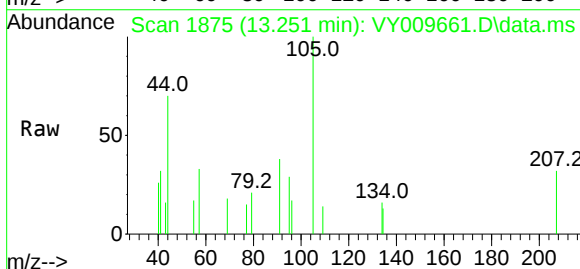
Acq: 22 Jul 2022 15:48

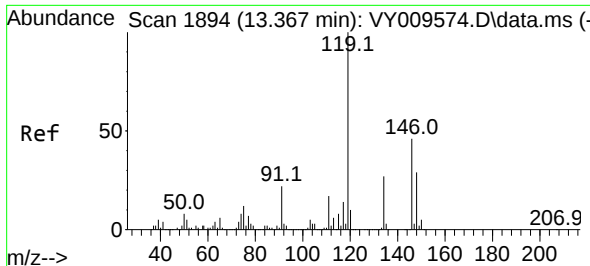
Tgt Ion:105 Resp: 625

Ion Ratio Lower Upper

105 100

134 18.6 10.2 30.4

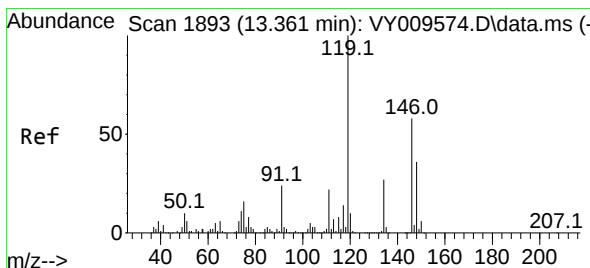
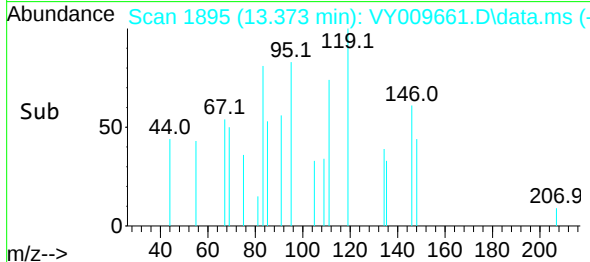
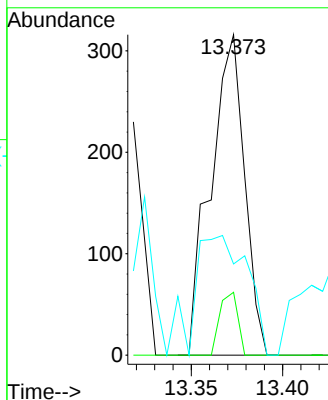
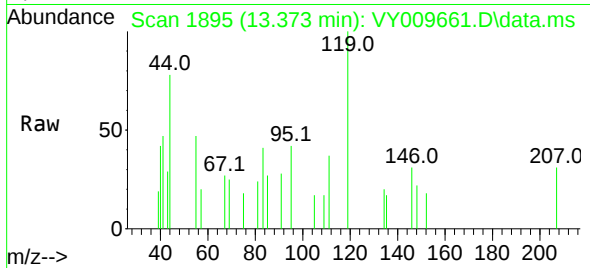




#86
p-Isopropyltoluene
Concen: 1.000 ug/l
RT: 13.373 min Scan# 119
Delta R.T. 0.006 min
Lab File: VY009661.D
Acq: 22 Jul 2022 15:48

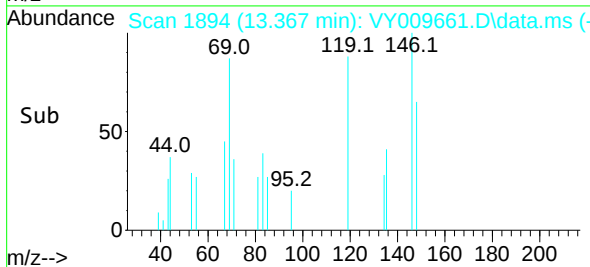
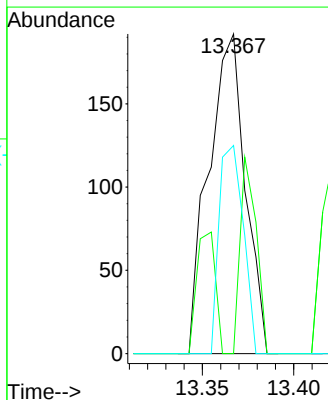
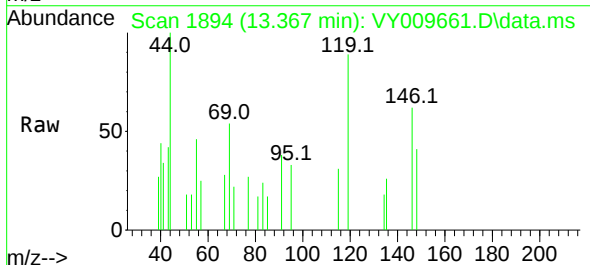
Instrument :
MSVOA_Y
ClientSampleId :
DL-3(14.5-15)RE

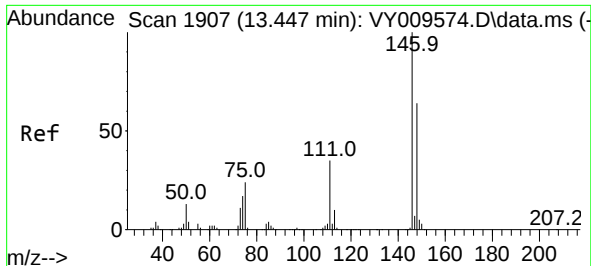
Tgt Ion:119 Resp: 409
Ion Ratio Lower Upper
119 100
134 10.3 13.2 39.5#
91 58.7 12.4 37.2#



#87
1,3-Dichlorobenzene
Concen: 1.201 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.006 min
Lab File: VY009661.D
Acq: 22 Jul 2022 15:48

Tgt Ion:146 Resp: 267
Ion Ratio Lower Upper
146 100
111 27.0 19.5 58.5
148 43.1 31.6 95.0

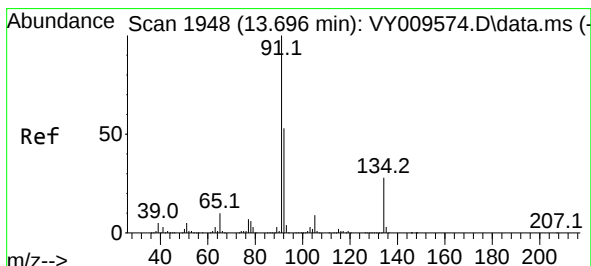
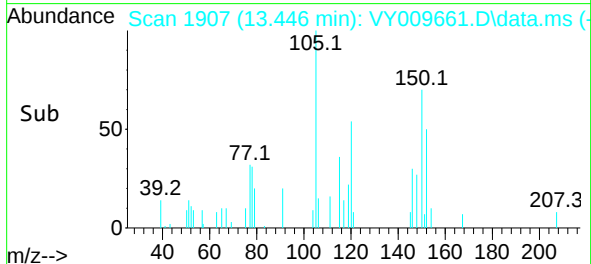
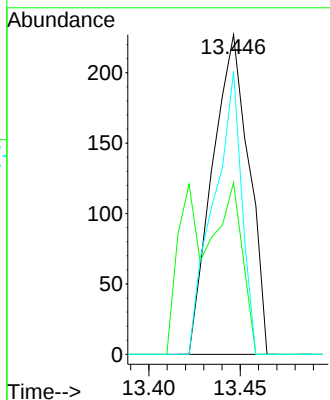
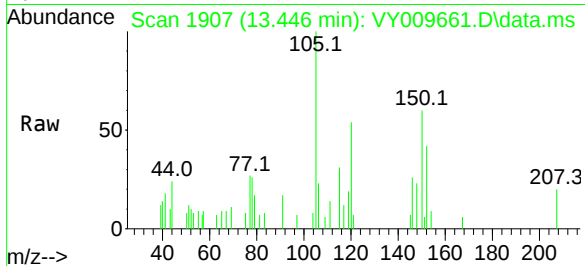




#88
1,4-Dichlorobenzene
Concen: 1.429 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY009661.D
Acq: 22 Jul 2022 15:48

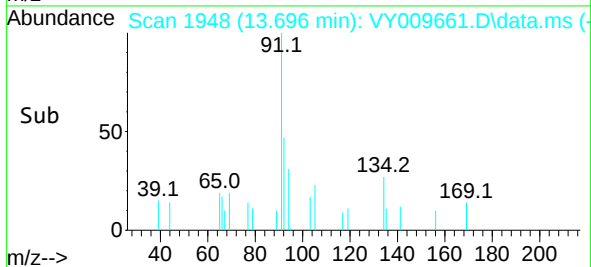
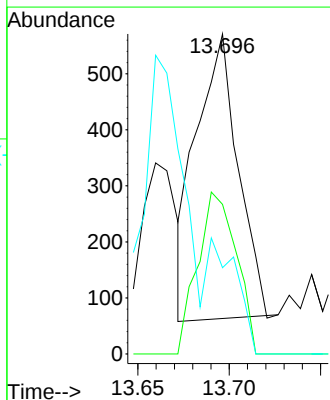
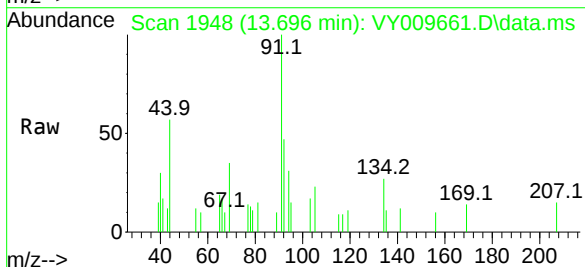
Instrument :
MSVOA_Y
ClientSampleId :
DL-3(14.5-15)RE

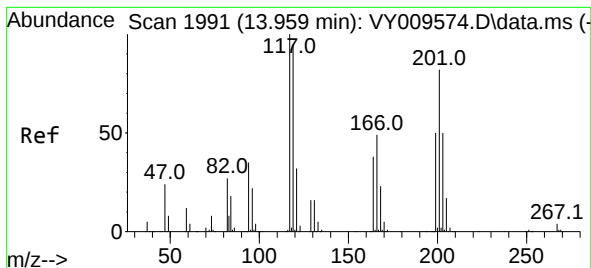
Tgt Ion:146 Resp: 315
Ion Ratio Lower Upper
146 100
111 31.7 19.3 57.8
148 67.9 32.6 97.8



#89
n-Butylbenzene
Concen: 2.164 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. -0.000 min
Lab File: VY009661.D
Acq: 22 Jul 2022 15:48

Tgt Ion: 91 Resp: 808
Ion Ratio Lower Upper
91 100
92 52.7 26.3 78.9
134 0.0 13.0 38.9#





#90

Hexachloroethane

Concen: 2.996 ug/l

RT: 13.965 min Scan# 1991

Delta R.T. 0.006 min

Lab File: VY009661.D

Acq: 22 Jul 2022 15:48

Instrument :

MSVOA_Y

ClientSampleId :

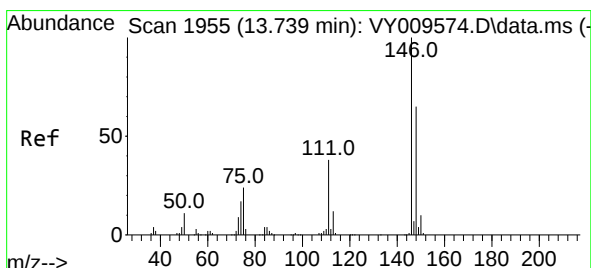
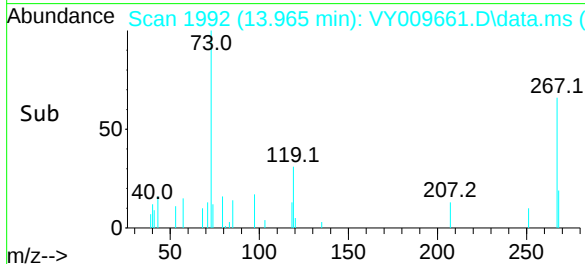
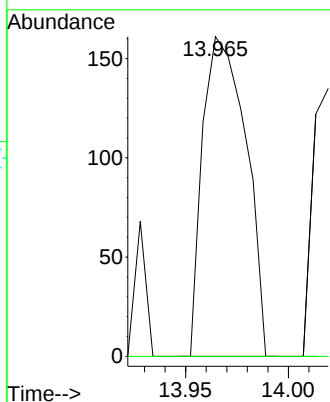
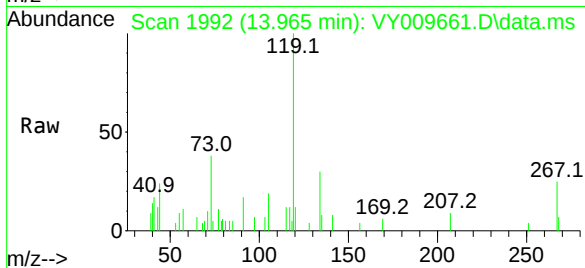
DL-3(14.5-15)RE

Tgt Ion:117 Resp: 236

Ion Ratio Lower Upper

117 100

201 0.0 43.0 128.8#



#91

1,2-Dichlorobenzene

Concen: 1.328 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. -0.000 min

Lab File: VY009661.D

Acq: 22 Jul 2022 15:48

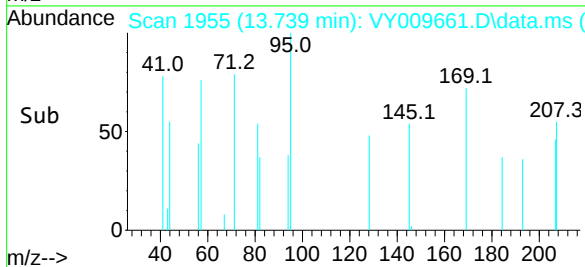
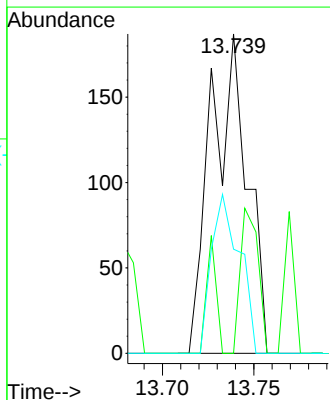
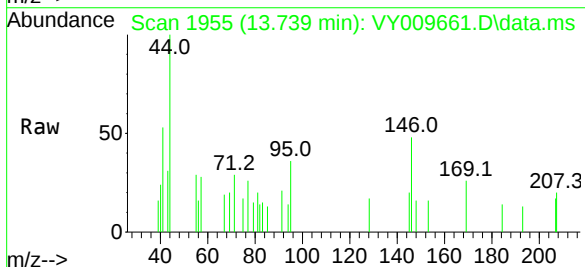
Tgt Ion:146 Resp: 258

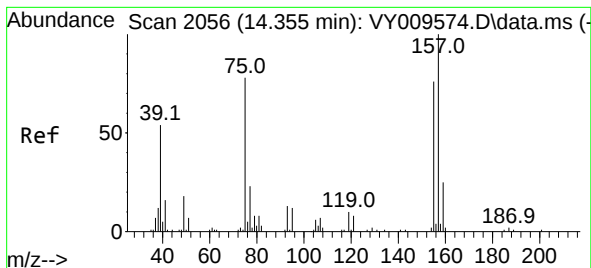
Ion Ratio Lower Upper

146 100

111 22.1 20.3 60.9

148 38.8 32.3 96.9

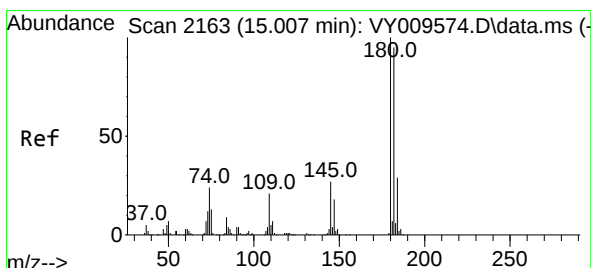
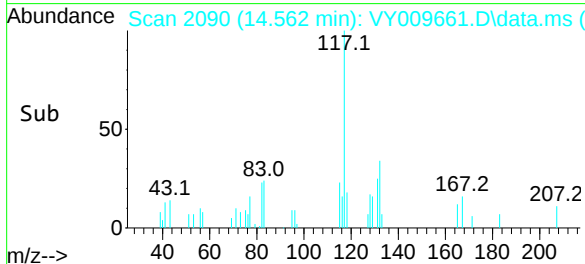
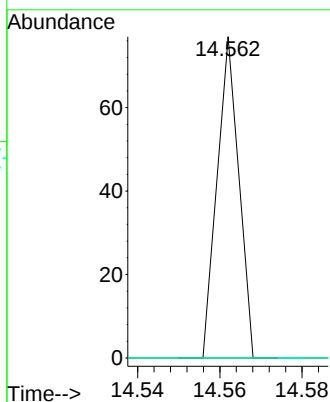
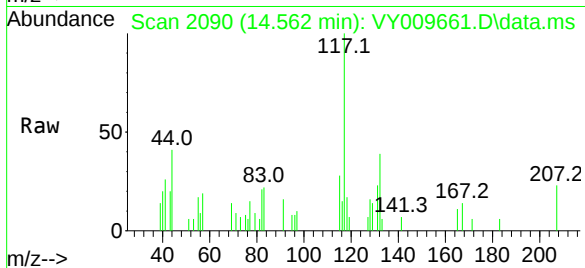




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 2.056 ug/l
 RT: 14.562 min Scan# 2056
 Delta R.T. 0.207 min
 Lab File: VY009661.D
 Acq: 22 Jul 2022 15:48

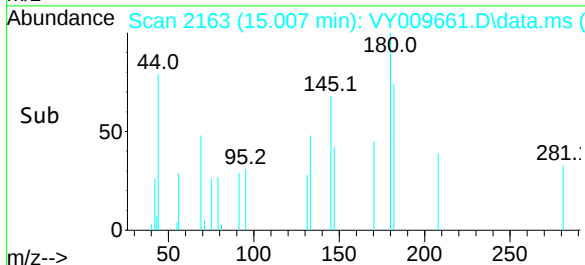
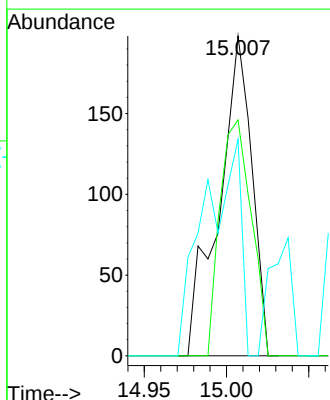
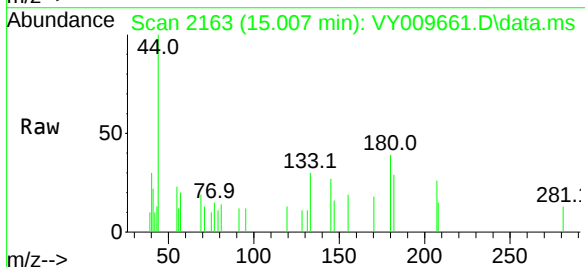
Instrument :
 MSVOA_Y
 ClientSampleId :
 DL-3(14.5-15)RE

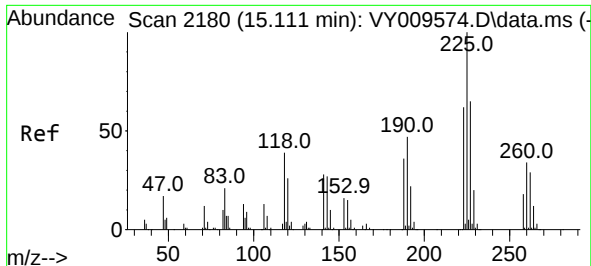
Tgt Ion: 75 Resp: 28
 Ion Ratio Lower Upper
 75 100
 155 0.0 38.0 113.9#
 157 0.0 47.8 143.3#



#93
 1,2,4-Trichlorobenzene
 Concen: 2.272 ug/l
 RT: 15.007 min Scan# 2163
 Delta R.T. -0.000 min
 Lab File: VY009661.D
 Acq: 22 Jul 2022 15:48

Tgt Ion: 180 Resp: 277
 Ion Ratio Lower Upper
 180 100
 182 69.7 47.3 141.9
 145 74.4 14.6 43.8#

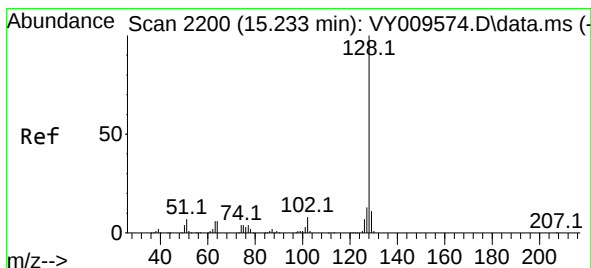
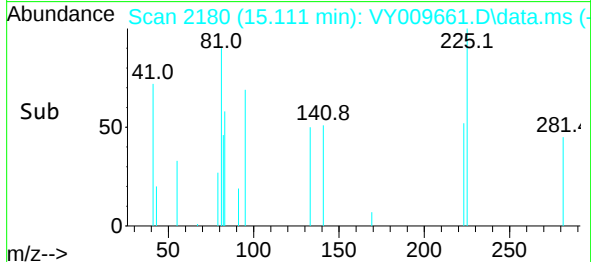
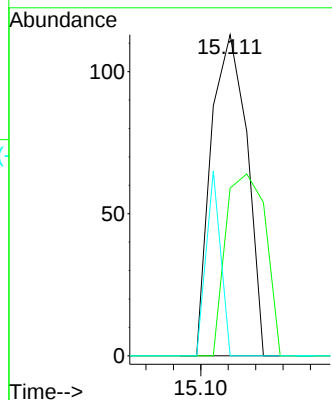
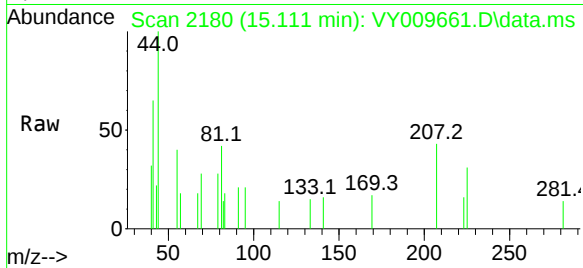




#94
Hexachlorobutadiene
Concen: 1.411 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. -0.000 min
Lab File: VY009661.D
Acq: 22 Jul 2022 15:48

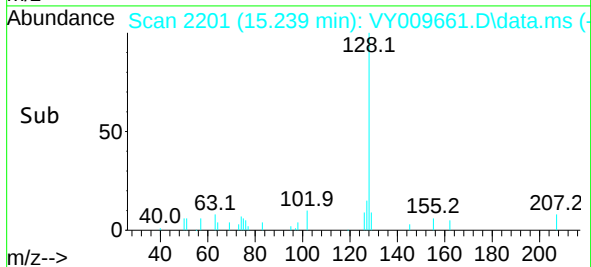
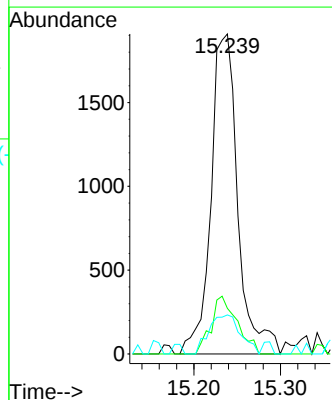
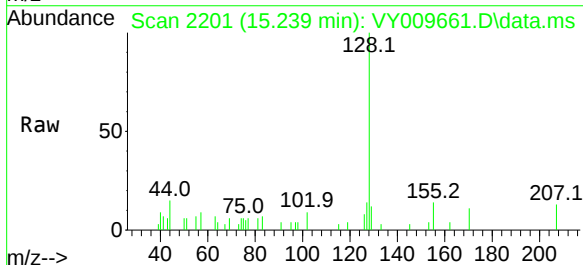
Instrument :
MSVOA_Y
ClientSampleId :
DL-3(14.5-15)RE

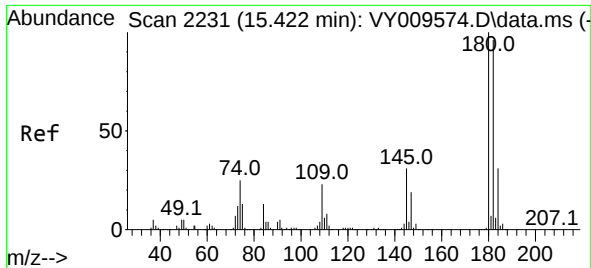
Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.7	30.8	92.3
227	23.5	31.6	94.7



#95
Naphthalene
Concen: 17.664 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.006 min
Lab File: VY009661.D
Acq: 22 Jul 2022 15:48

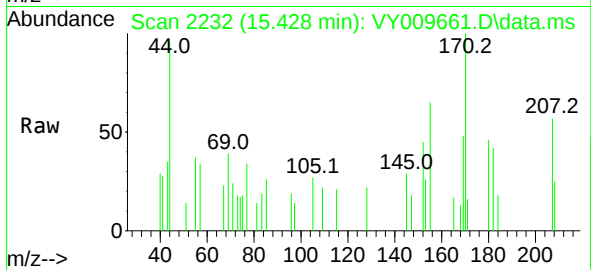
Tgt Ion	Ratio	Lower	Upper
128	100		
127	17.4	11.0	16.4
129	14.4	8.4	12.6





#96
 1,2,3-Trichlorobenzene
 Concen: 2.503 ug/l
 RT: 15.428 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VY009661.D
 Acq: 22 Jul 2022 15:48

Instrument :
 MSVOA_Y
 ClientSampleId :
 DL-3(14.5-15)RE



Tgt Ion:180 Resp: 268
 Ion Ratio Lower Upper
 180 100
 182 116.0 47.3 141.9
 145 97.8 15.3 45.9#

