

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090222\
 Data File : VY010280.D
 Acq On : 02 Sep 2022 15:44
 Operator : KP/MD
 Sample : N4450-01
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 02 16:50:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090222S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 02 16:41:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	13081	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	22419	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	20307	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	8293	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	8367	62.379	ug/l	0.00
Spiked Amount 50.000	Range	50 - 163	Recovery	=	124.760%	
35) Dibromofluoromethane	7.703	113	3902	26.144	ug/l	0.00
Spiked Amount 50.000	Range	54 - 147	Recovery	=	52.280%#	
50) Toluene-d8	10.179	98	26234	52.501	ug/l	0.00
Spiked Amount 50.000	Range	49 - 140	Recovery	=	105.000%	
62) 4-Bromofluorobenzene	12.477	95	9284	45.872	ug/l	0.00
Spiked Amount 50.000	Range	25 - 144	Recovery	=	91.740%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.113	50	1786	12.526	ug/l #	88
5) Bromomethane	2.656	94	1550	14.208	ug/l	91
10) Methyl Iodide	4.100	142	3948	24.402	ug/l	88
11) Tert butyl alcohol	4.936	59	42	2.617	ug/l #	77
12) 1,1-Dichloroethene	3.869	96	398	3.056	ug/l #	1
13) Acrolein	3.710	56	129	7.594	ug/l #	14
15) Acrylonitrile	5.167	53	192	4.736	ug/l #	48
16) Acetone	3.948	43	279	8.321	ug/l #	6
20) Methylene Chloride	4.704	84	1652	10.209	ug/l #	74
26) 2,2-Dichloropropane	6.947	77	399	1.633	ug/l #	55
27) cis-1,2-Dichloroethene	6.972	96	395	2.342	ug/l #	72
29) Tetrahydrofuran	7.325	42	192	5.446	ug/l #	38
31) Cyclohexane	7.777	56	646	2.469	ug/l #	35
36) 1,1-Dichloropropene	7.917	75	263	1.201	ug/l #	42
38) Carbon Tetrachloride	7.783	117	1492	6.611	ug/l #	26
40) Benzene	8.149	78	921	1.469	ug/l #	62
51) 4-Methyl-2-Pentanone	10.075	43	184	1.490	ug/l	90
59) 2-Hexanone	10.837	43	230	2.686	ug/l	70
60) Dibromochloromethane	10.721	129	219	1.459	ug/l #	11
64) Tetrachloroethene	10.715	164	328	1.981	ug/l #	63
65) Chlorobenzene	11.520	112	526	1.216	ug/l #	83
68) m/p-Xylenes	11.703	106	504	1.665	ug/l #	49
69) o-Xylene	12.032	106	325	1.106	ug/l	86
70) Styrene	12.038	104	681	1.391	ug/l #	84
73) Isopropylbenzene	12.331	105	784	1.185	ug/l	95
76) 1,2,3-Trichloropropane	12.648	75	185	1.875	ug/l #	100
77) Bromobenzene	12.617	156	319	2.119	ug/l	95
78) n-propylbenzene	12.666	91	1157	1.457	ug/l	89
79) 2-Chlorotoluene	12.757	91	702	1.564	ug/l	85
80) 1,3,5-Trimethylbenzene	12.812	105	791	1.427	ug/l	85
81) trans-1,4-Dichloro-2-b...	12.483	75	4987	105.415	ug/l #	8
82) 4-Chlorotoluene	12.855	91	1002	2.168	ug/l	97
83) tert-Butylbenzene	13.074	119	706	1.466	ug/l #	29
84) 1,2,4-Trimethylbenzene	13.123	105	865	1.589	ug/l	88
85) sec-Butylbenzene	13.251	105	1152	1.617	ug/l	96
86) p-Isopropyltoluene	13.373	119	1076	1.829	ug/l	87

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

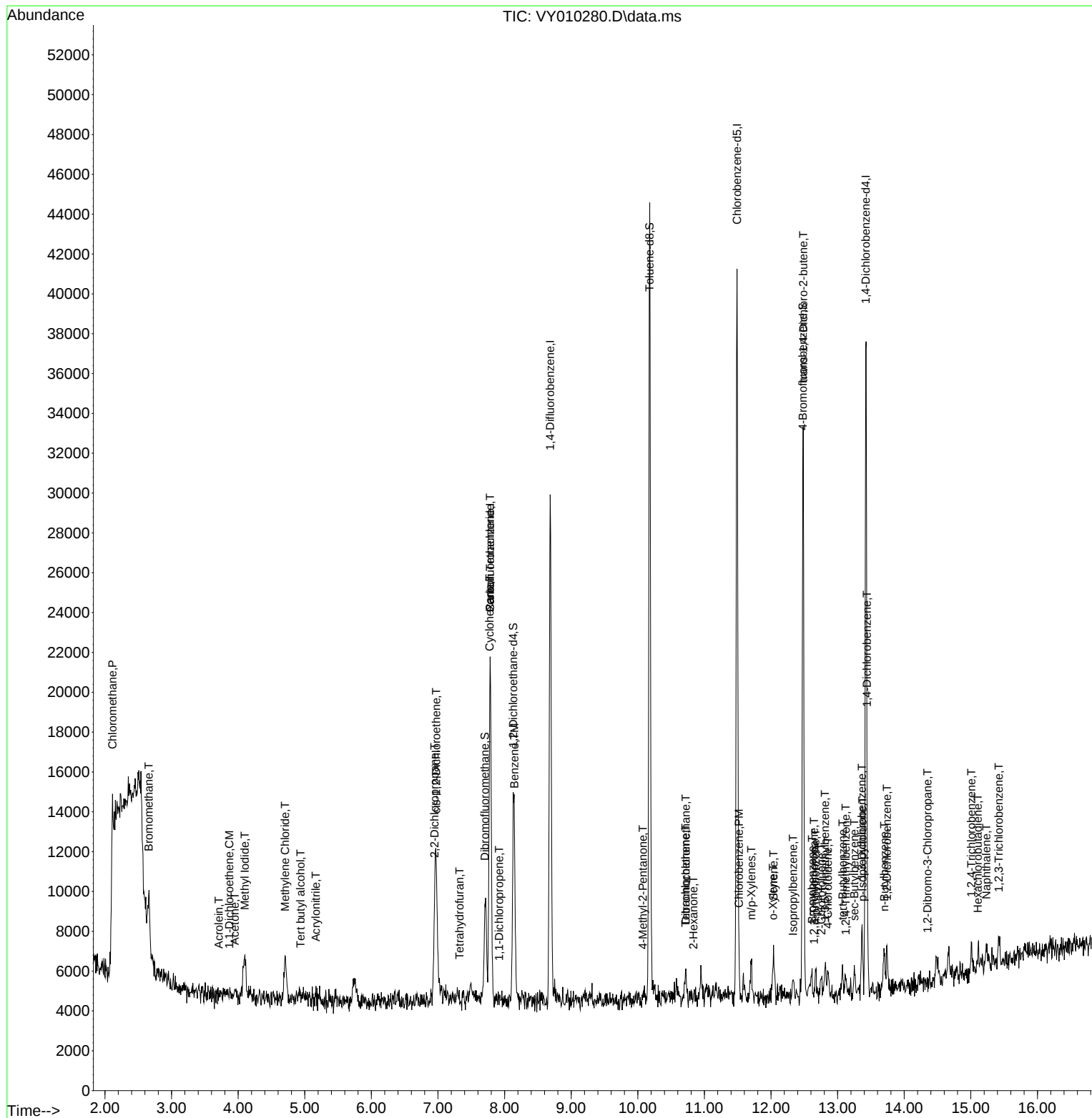
87) 1,3-Dichlorobenzene	13.367	146	844	2.888	ug/l	96
88) 1,4-Dichlorobenzene	13.440	146	1074	3.696	ug/l	93
89) n-Butylbenzene	13.702	91	1012	1.820	ug/l	96
91) 1,2-Dichlorobenzene	13.739	146	759	2.914	ug/l	87
92) 1,2-Dibromo-3-Chloropr...	14.349	75	26	1.160	ug/l #	6
93) 1,2,4-Trichlorobenzene	15.007	180	462	2.866	ug/l	91
94) Hexachlorobutadiene	15.105	225	229	2.423	ug/l	78
95) Naphthalene	15.233	128	1144	3.420	ug/l #	90
96) 1,2,3-Trichlorobenzene	15.422	180	407	2.981	ug/l	85

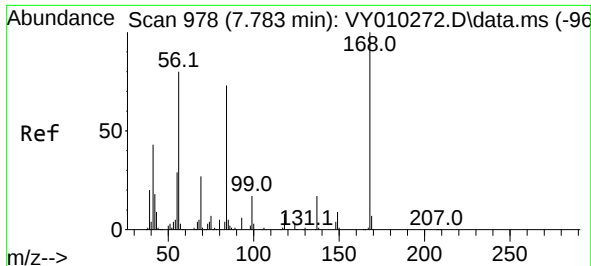
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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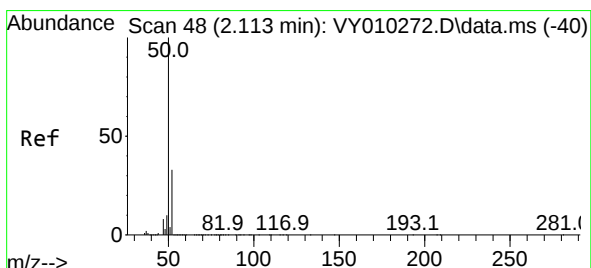
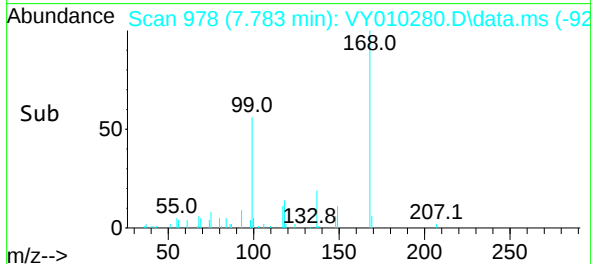
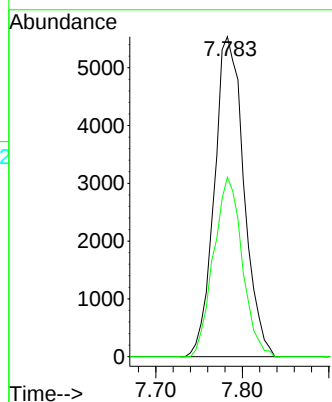
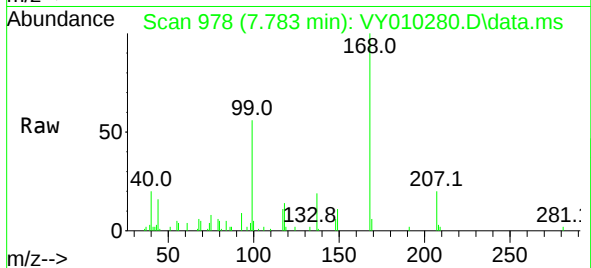




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010280.D
Acq: 02 Sep 2022 15:44

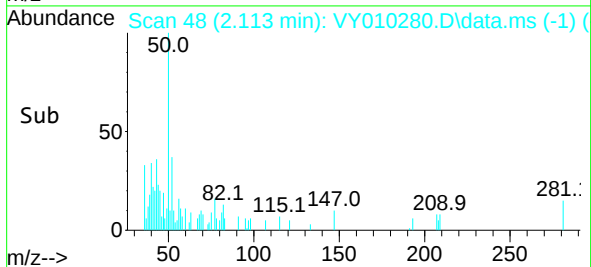
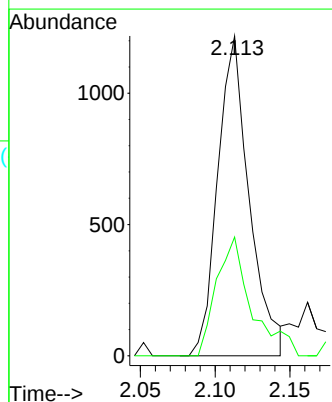
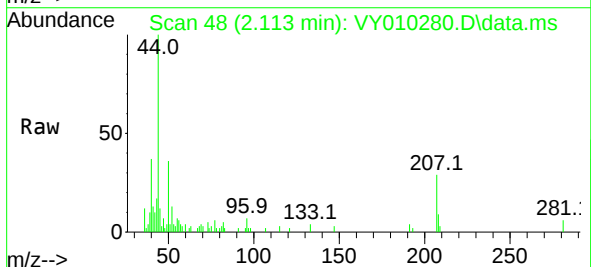
Instrument :
MSVOA_Y
ClientSampleId :

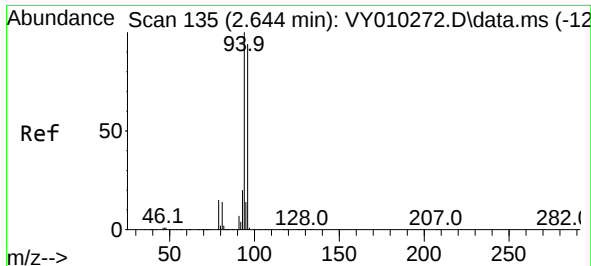
Tgt Ion:168 Resp: 13081
Ion Ratio Lower Upper
168 100
99 56.0 46.9 70.3



#3
Chloromethane
Concen: 12.526 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY010280.D
Acq: 02 Sep 2022 15:44

Tgt Ion: 50 Resp: 1786
Ion Ratio Lower Upper
50 100
52 37.1 24.6 37.0#

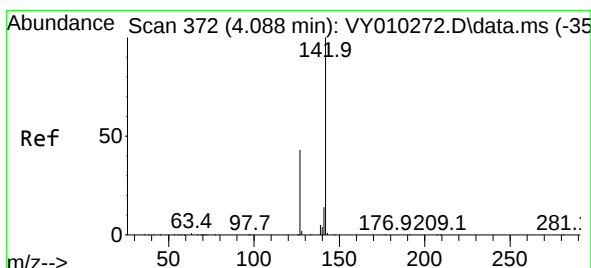
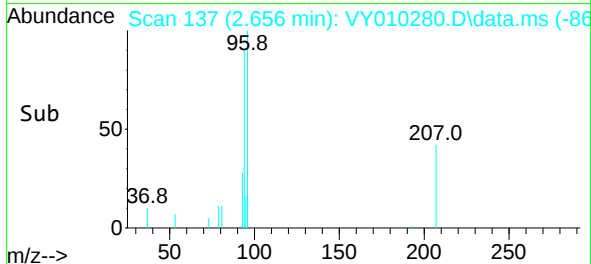
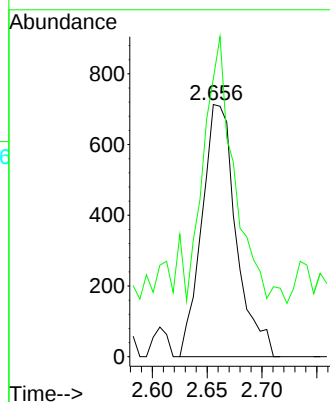
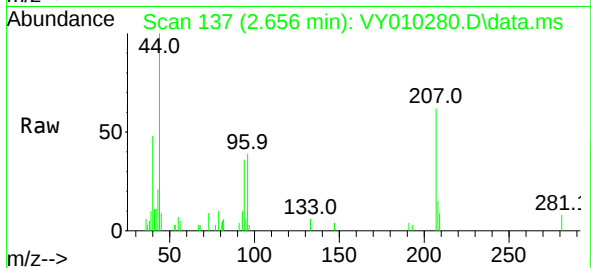




#5
Bromomethane
Concen: 14.208 ug/l
RT: 2.656 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY010280.D
Acq: 02 Sep 2022 15:44

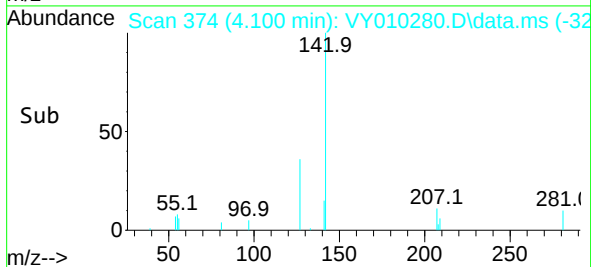
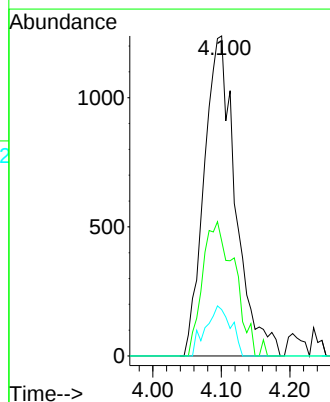
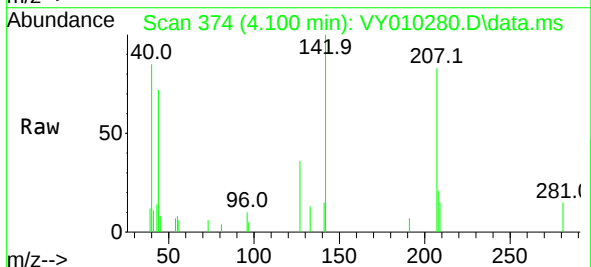
Instrument :
MSVOA_Y
ClientSampleId :

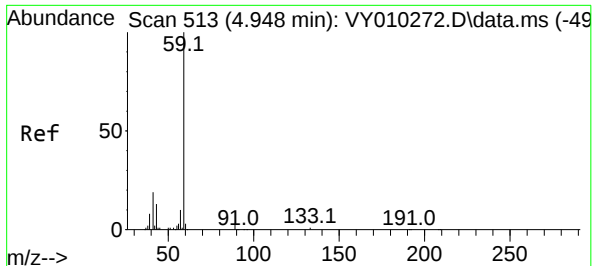
Tgt Ion: 94 Resp: 1550
Ion Ratio Lower Upper
94 100
96 83.0 73.5 110.3



#10
Methyl Iodide
Concen: 24.402 ug/l
RT: 4.100 min Scan# 374
Delta R.T. 0.012 min
Lab File: VY010280.D
Acq: 02 Sep 2022 15:44

Tgt Ion: 142 Resp: 3948
Ion Ratio Lower Upper
142 100
127 42.6 41.5 62.3
141 12.7 11.9 17.9





#11

Tert butyl alcohol

Concen: 2.617 ug/l

RT: 4.936 min Scan# 51

Delta R.T. -0.012 min

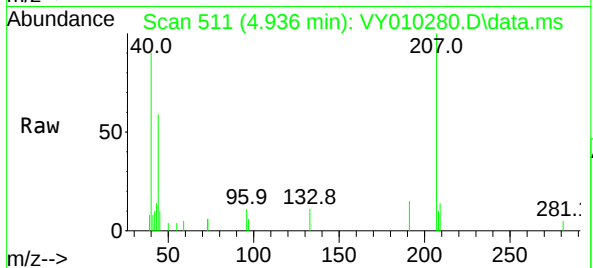
Lab File: VY010280.D

Acq: 02 Sep 2022 15:44

Instrument :

MSVOA_Y

ClientSampleId :

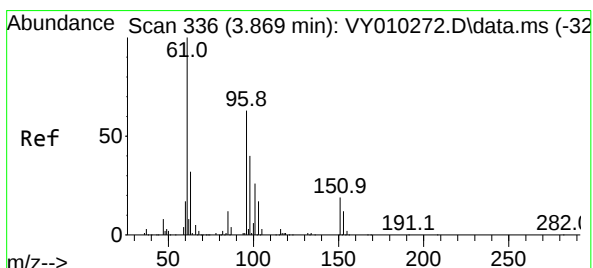
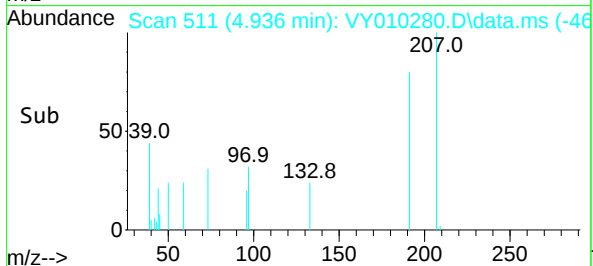
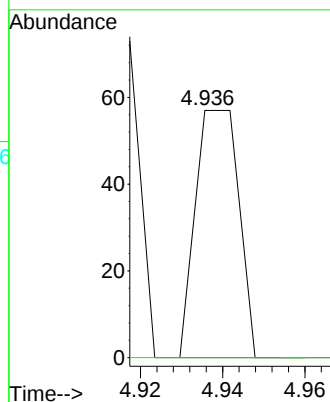


Tgt Ion: 59 Resp: 42

Ion Ratio Lower Upper

59 100

57 0.0 6.4 9.6#



#12

1,1-Dichloroethene

Concen: 3.056 ug/l

RT: 3.869 min Scan# 336

Delta R.T. -0.000 min

Lab File: VY010280.D

Acq: 02 Sep 2022 15:44

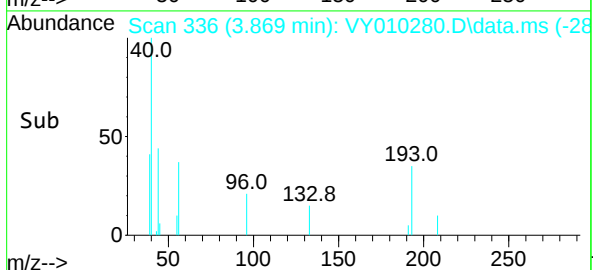
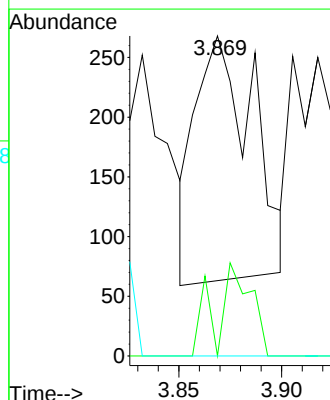
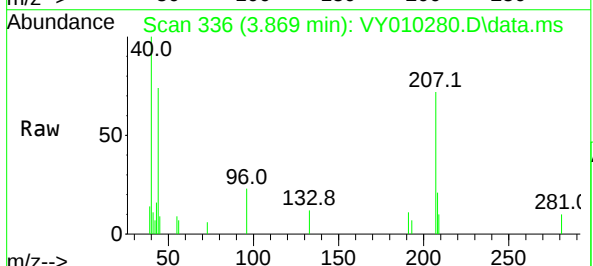
Tgt Ion: 96 Resp: 398

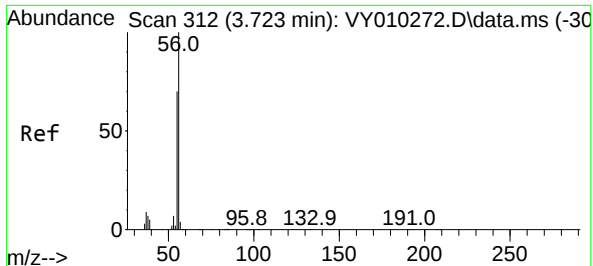
Ion Ratio Lower Upper

96 100

61 0.0 145.8 218.6#

98 0.0 52.5 78.7#

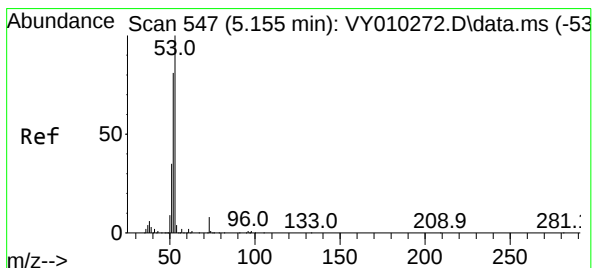
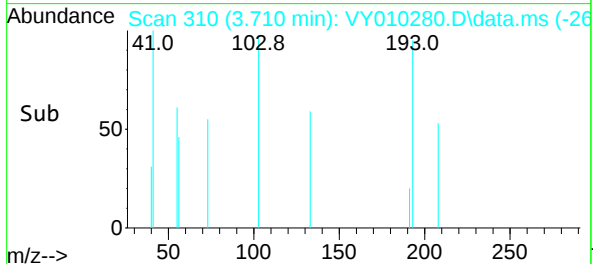
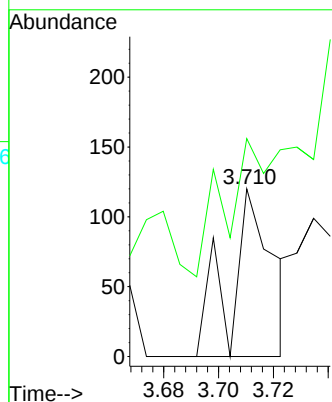
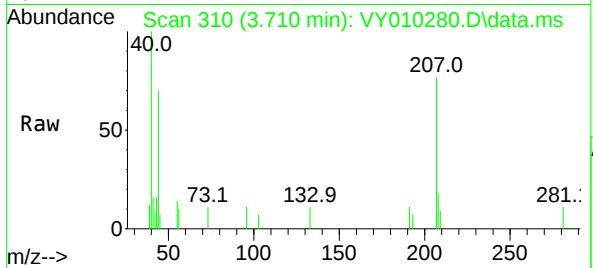




#13
Acrolein
Concen: 7.594 ug/l
RT: 3.710 min Scan# 312
Delta R.T. -0.013 min
Lab File: VY010280.D
Acq: 02 Sep 2022 15:44

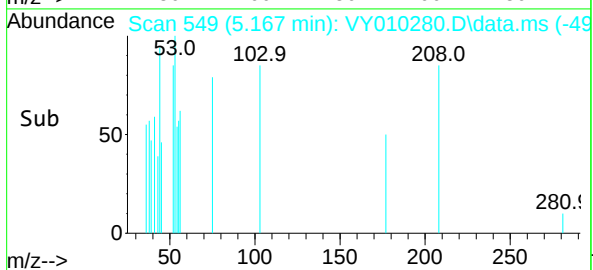
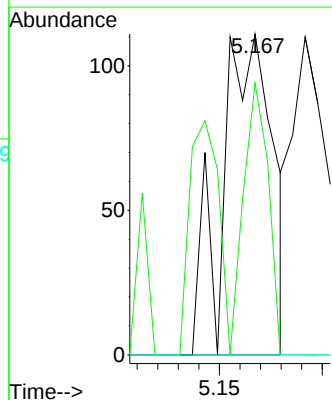
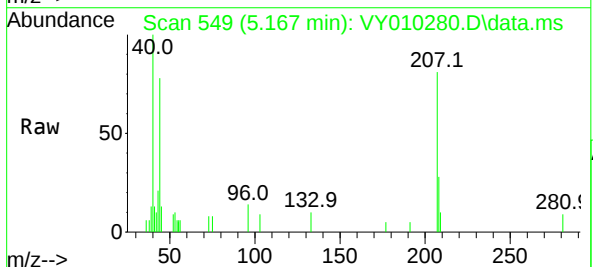
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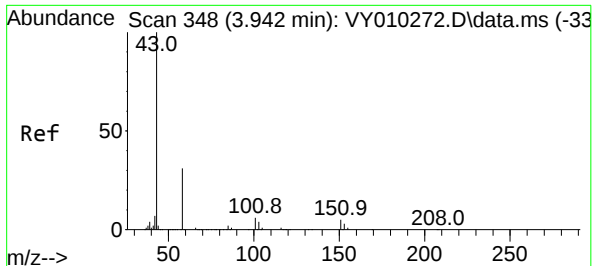
Tgt Ion: 56 Resp: 129
Ion Ratio Lower Upper
56 100
55 0.0 57.6 86.4#



#15
Acrylonitrile
Concen: 4.736 ug/l
RT: 5.167 min Scan# 549
Delta R.T. 0.012 min
Lab File: VY010280.D
Acq: 02 Sep 2022 15:44

Tgt Ion: 53 Resp: 192
Ion Ratio Lower Upper
53 100
52 41.1 67.0 100.4#
51 0.0 29.8 44.6#

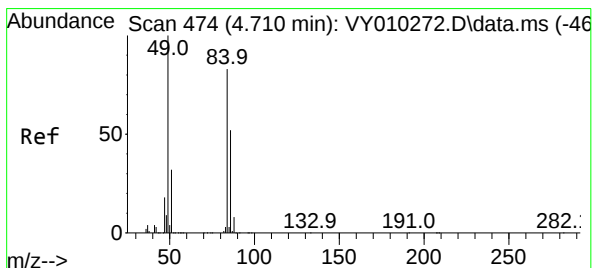
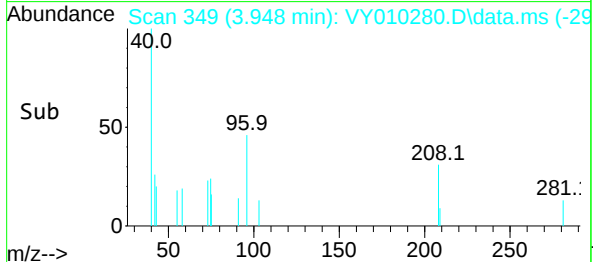
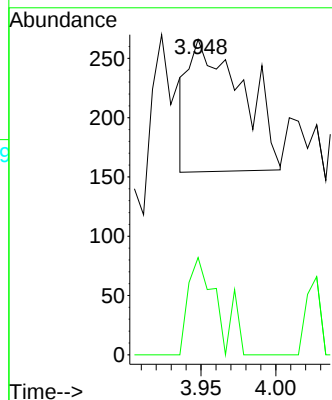
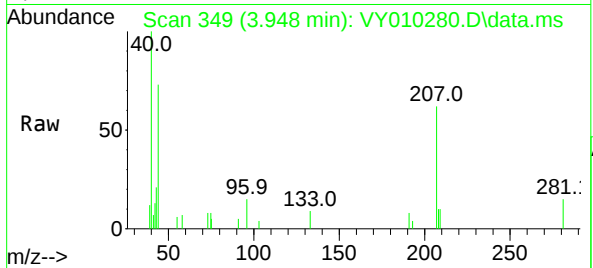




#16
Acetone
Concen: 8.321 ug/l
RT: 3.948 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY010280.D
Acq: 02 Sep 2022 15:44

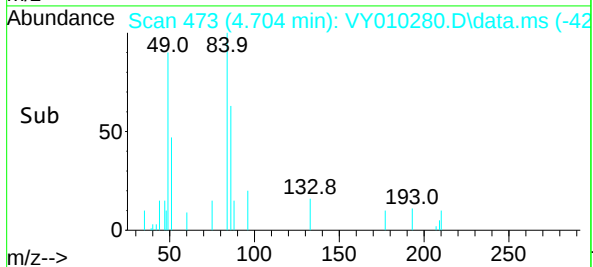
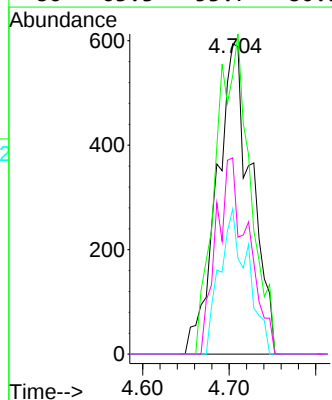
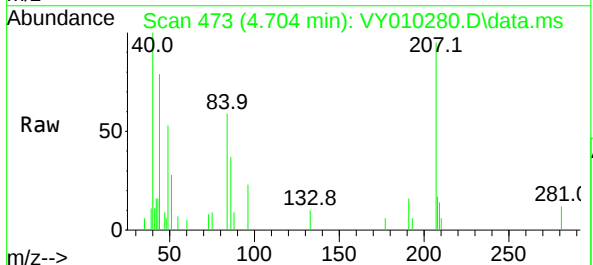
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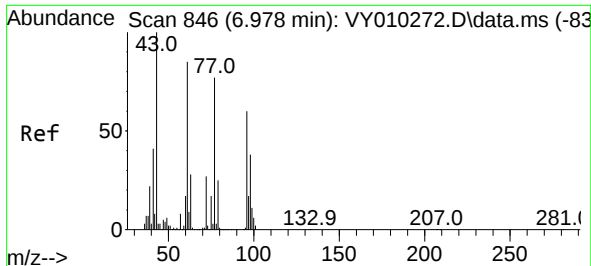
Tgt Ion: 43 Resp: 279
Ion Ratio Lower Upper
43 100
58 76.6 22.0 33.0#



#20
Methylene Chloride
Concen: 10.209 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.006 min
Lab File: VY010280.D
Acq: 02 Sep 2022 15:44

Tgt Ion: 84 Resp: 1652
Ion Ratio Lower Upper
84 100
49 89.7 114.4 171.6#
51 46.8 35.3 52.9
86 63.3 53.7 80.5





#26

2,2-Dichloropropane

Concen: 1.633 ug/l

RT: 6.947 min Scan# 84

Delta R.T. -0.030 min

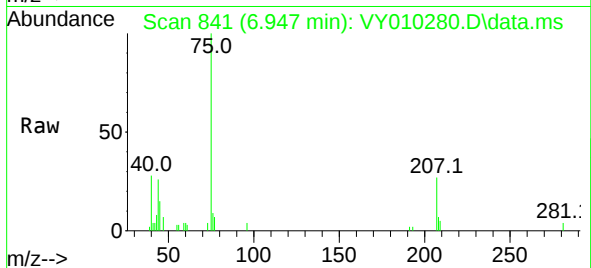
Lab File: VY010280.D

Acq: 02 Sep 2022 15:44

Instrument :

MSVOA_Y

ClientSampleId :

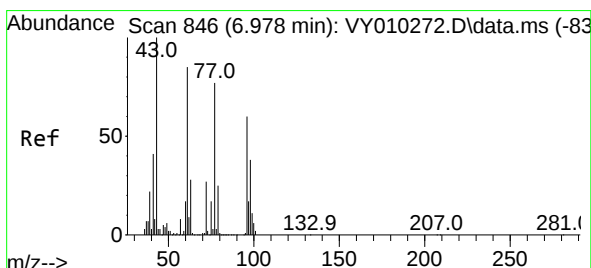
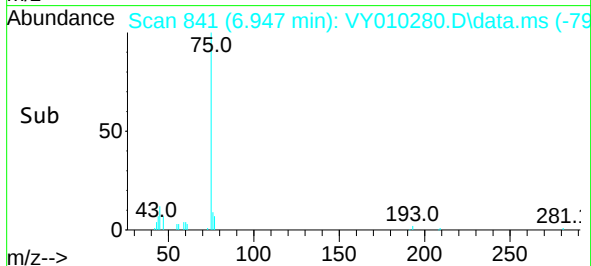
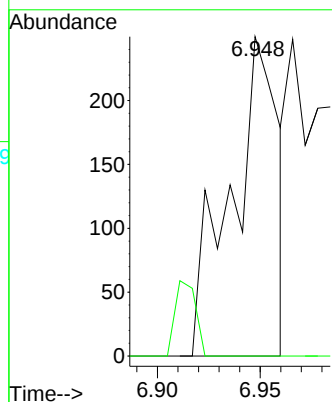


Tgt Ion: 77 Resp: 399

Ion Ratio Lower Upper

77 100

97 0.0 10.4 31.4#



#27

cis-1,2-Dichloroethene

Concen: 2.342 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.006 min

Lab File: VY010280.D

Acq: 02 Sep 2022 15:44

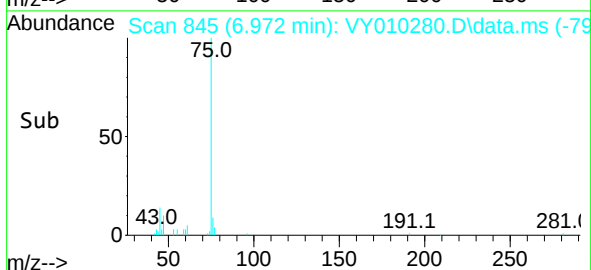
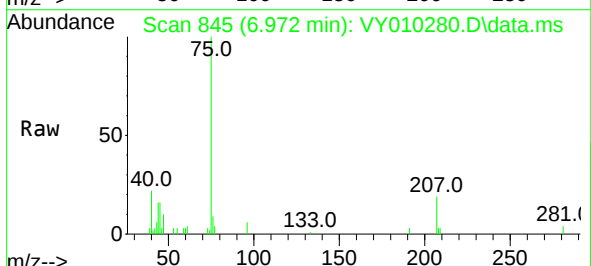
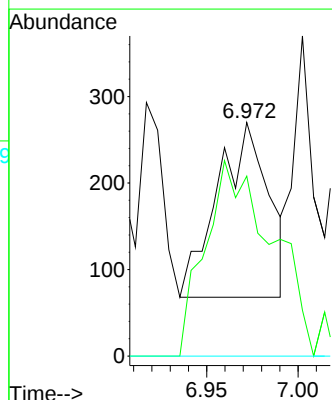
Tgt Ion: 96 Resp: 395

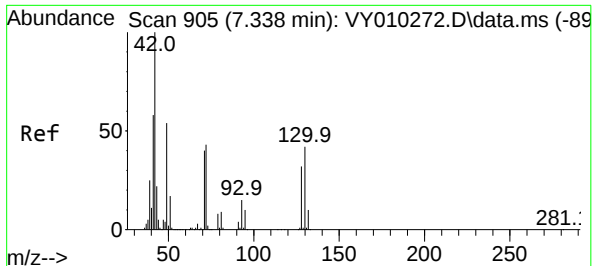
Ion Ratio Lower Upper

96 100

61 150.1 0.0 319.8

98 0.0 0.0 127.0





#29

Tetrahydrofuran

Concen: 5.446 ug/l

RT: 7.325 min Scan# 905

Delta R.T. -0.013 min

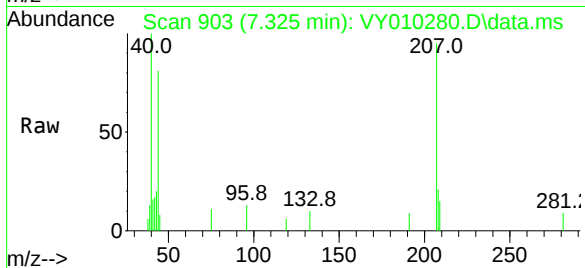
Lab File: VY010280.D

Acq: 02 Sep 2022 15:44

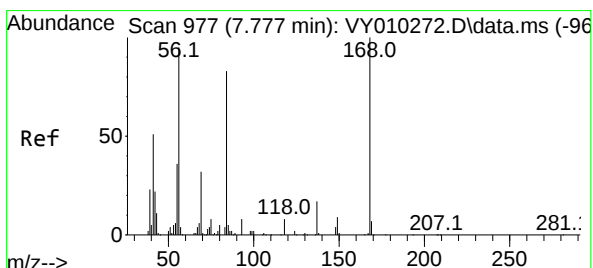
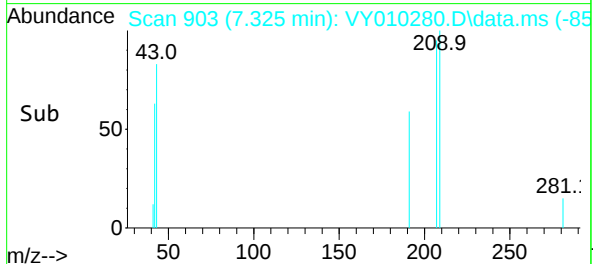
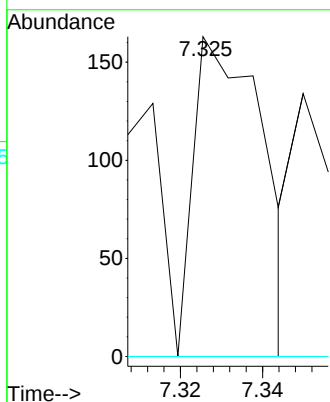
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	42	Resp:	192
Ion Ratio	100	Lower	Upper
42	100		
72	0.0	30.3	45.5#
71	0.0	29.0	43.4#



#31

Cyclohexane

Concen: 2.469 ug/l

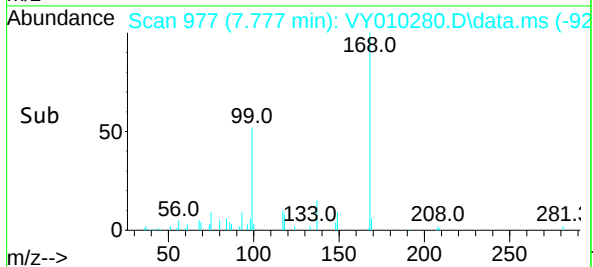
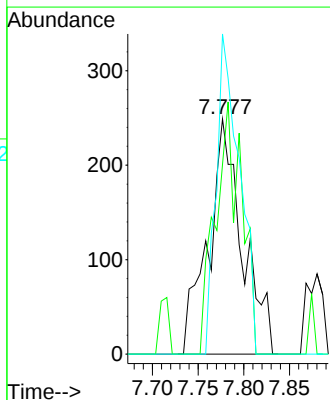
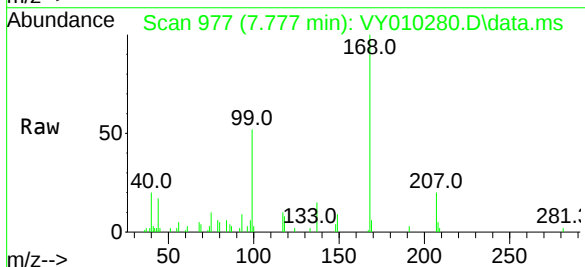
RT: 7.777 min Scan# 977

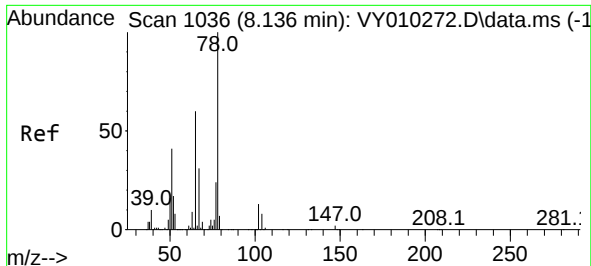
Delta R.T. -0.000 min

Lab File: VY010280.D

Acq: 02 Sep 2022 15:44

Tgt Ion:	56	Resp:	646
Ion Ratio	100	Lower	Upper
56	100		
69	80.7	26.7	40.1#
84	136.1	67.2	100.8#





#33

1,2-Dichloroethane-d4

Concen: 62.379 ug/l

RT: 8.130 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY010280.D

Acq: 02 Sep 2022 15:44

Instrument :

MSVOA_Y

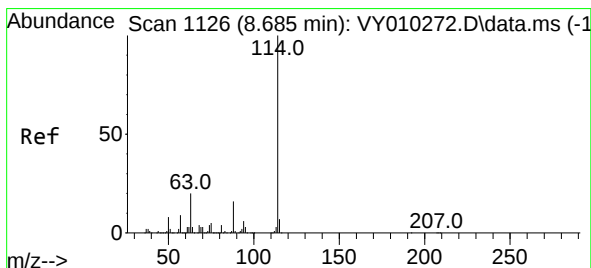
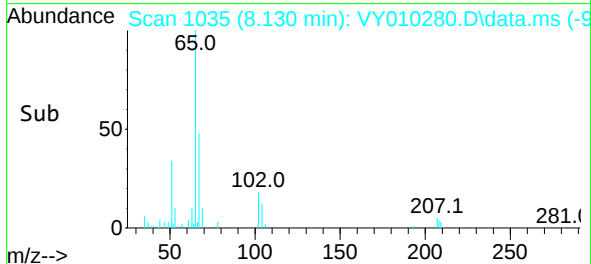
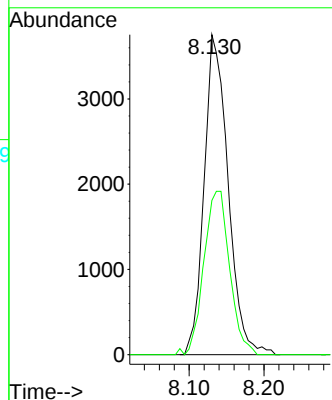
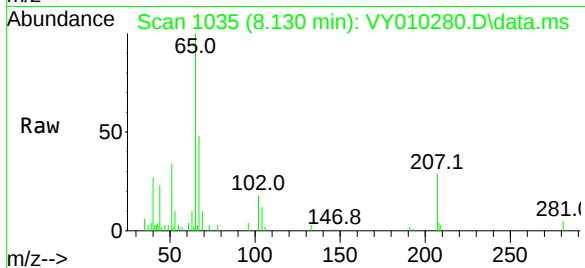
ClientSampleId :

Tgt Ion: 65 Resp: 8367

Ion Ratio Lower Upper

65 100

67 55.0 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: VY010280.D

Acq: 02 Sep 2022 15:44

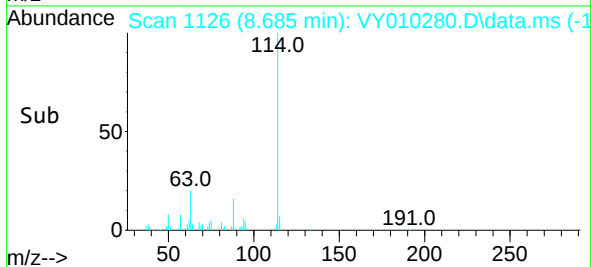
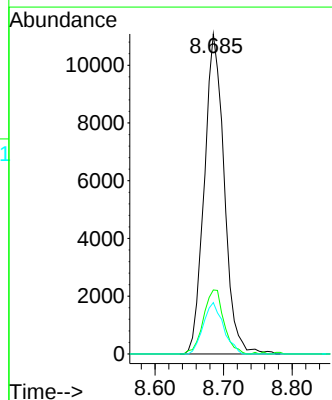
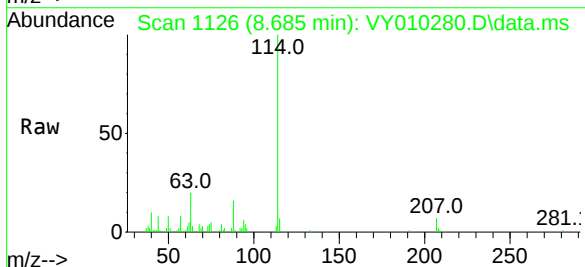
Tgt Ion: 114 Resp: 22419

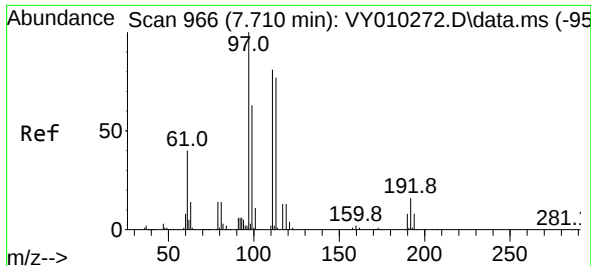
Ion Ratio Lower Upper

114 100

63 20.0 0.0 43.2

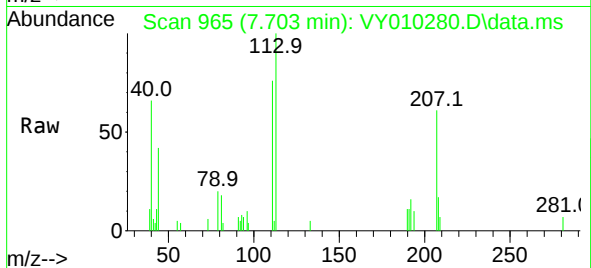
88 16.1 0.0 31.8



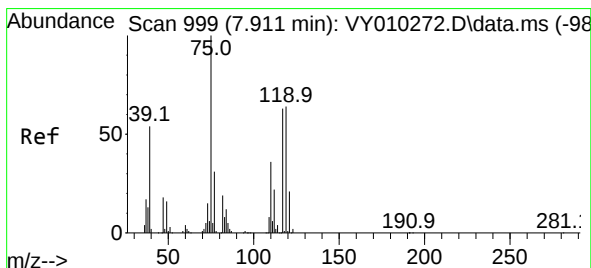
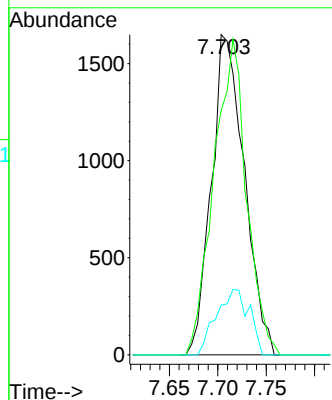
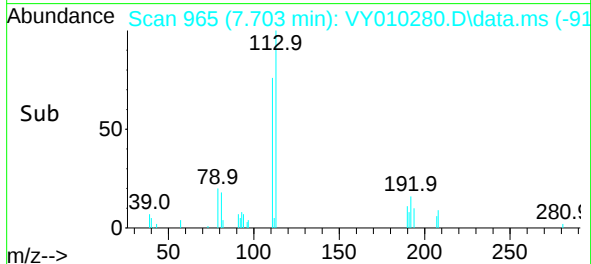


#35
Dibromofluoromethane
Concen: 26.144 ug/l
RT: 7.703 min Scan# 91
Delta R.T. -0.007 min
Lab File: VY010280.D
Acq: 02 Sep 2022 15:44

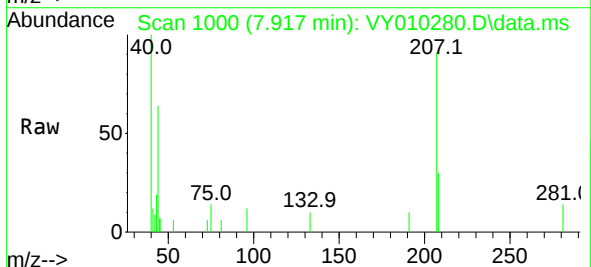
Instrument :
MSVOA_Y
ClientSampleId :



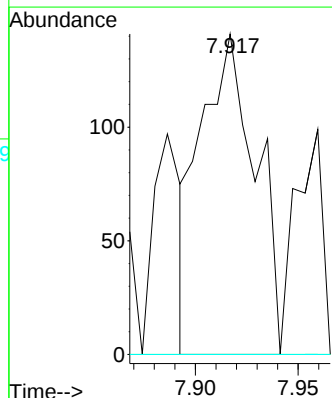
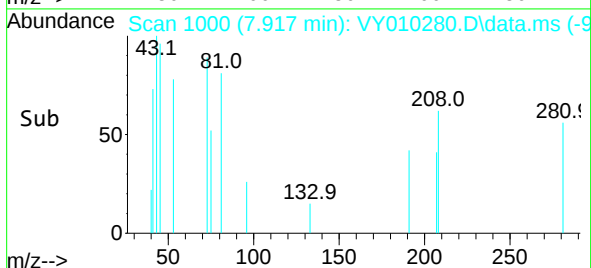
Tgt Ion:113 Resp: 3902
Ion Ratio Lower Upper
113 100
111 97.8 82.6 124.0
192 20.2 17.6 26.4

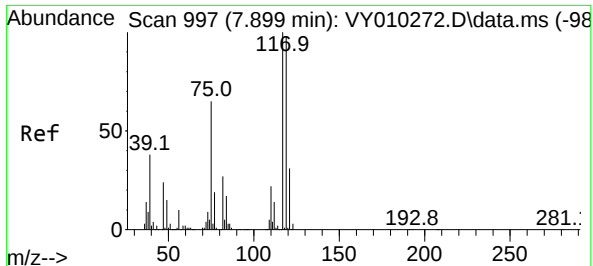


#36
1,1-Dichloropropene
Concen: 1.201 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VY010280.D
Acq: 02 Sep 2022 15:44



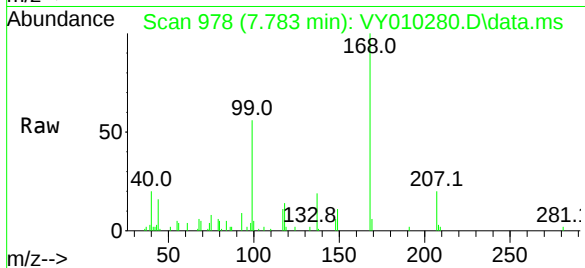
Tgt Ion: 75 Resp: 263
Ion Ratio Lower Upper
75 100
110 0.0 17.1 51.2#
77 0.0 24.4 36.6#



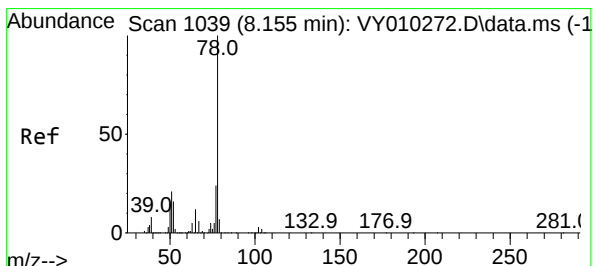
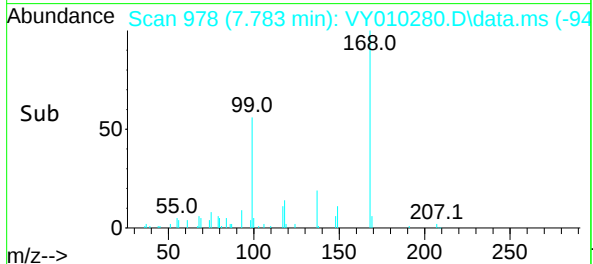
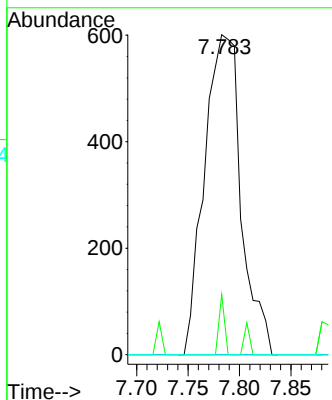


#38
Carbon Tetrachloride
Concen: 6.611 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY010280.D
Acq: 02 Sep 2022 15:44

Instrument :
MSVOA_Y
ClientSampleId :

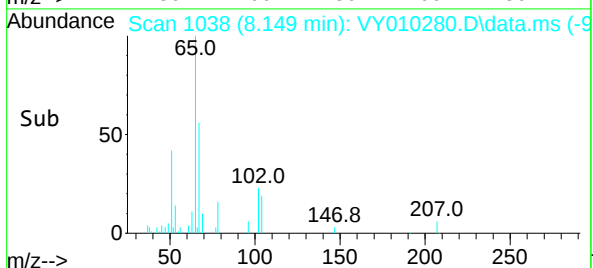
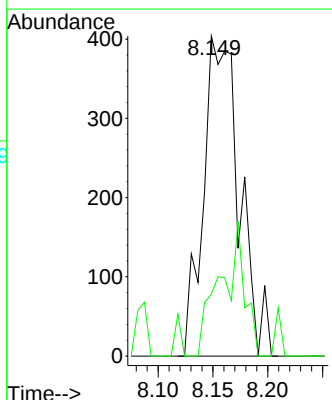
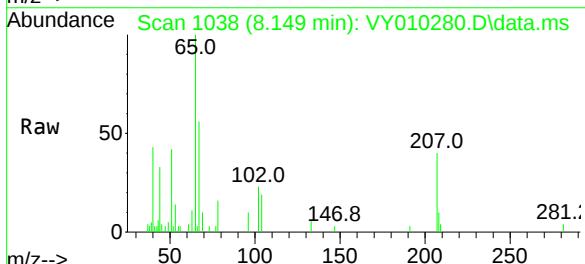


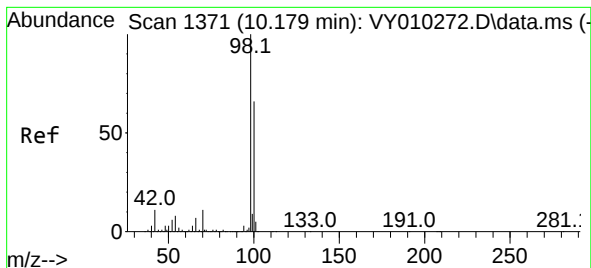
Tgt Ion:117 Resp: 1492
Ion Ratio Lower Upper
117 100
119 18.8 77.9 116.9#
121 0.0 24.8 37.2#



#40
Benzene
Concen: 1.469 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY010280.D
Acq: 02 Sep 2022 15:44

Tgt Ion: 78 Resp: 921
Ion Ratio Lower Upper
78 100
77 6.2 20.4 30.6#

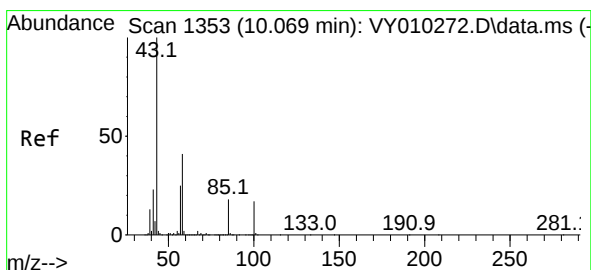
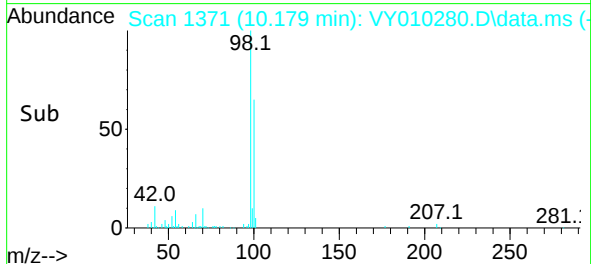
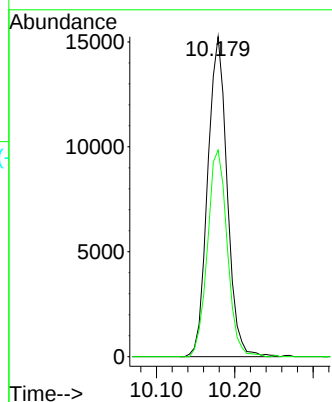
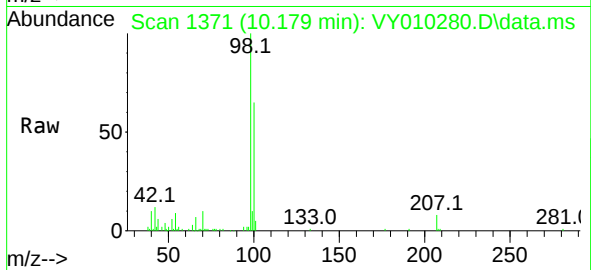




#50
Toluene-d8
Concen: 52.501 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010280.D
Acq: 02 Sep 2022 15:44

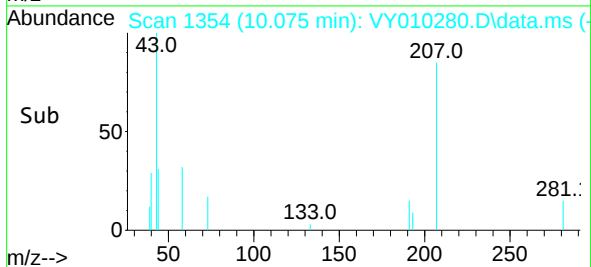
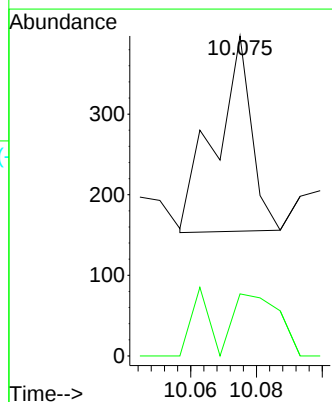
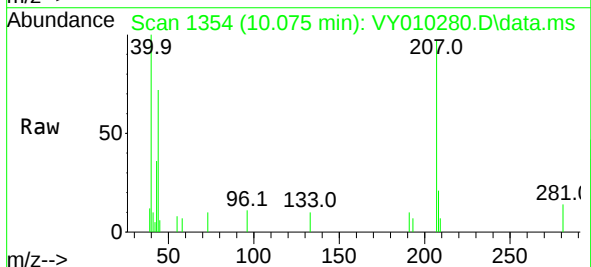
Instrument :
MSVOA_Y
ClientSampleId :

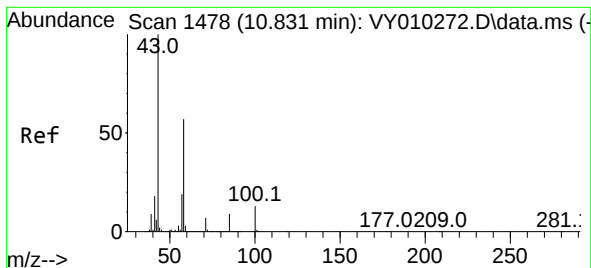
Tgt Ion: 98 Resp: 26234
Ion Ratio Lower Upper
98 100
100 65.6 50.2 75.2



#51
4-Methyl-2-Pentanone
Concen: 1.490 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.006 min
Lab File: VY010280.D
Acq: 02 Sep 2022 15:44

Tgt Ion: 43 Resp: 184
Ion Ratio Lower Upper
43 100
58 40.8 28.1 42.1

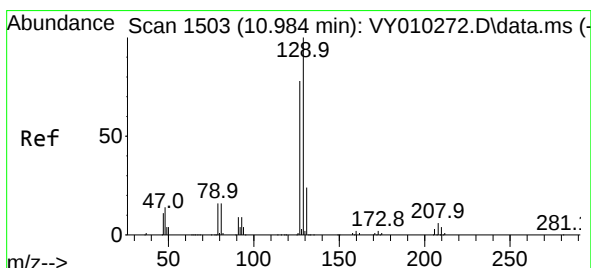
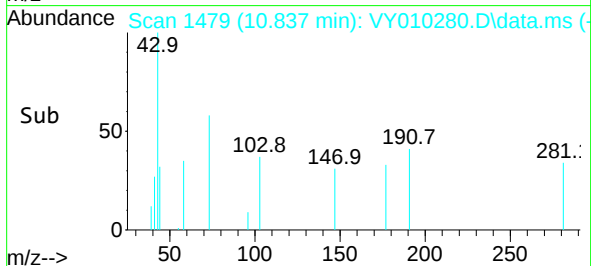
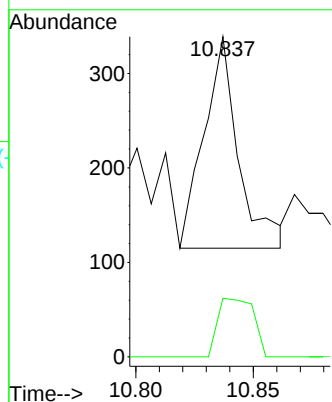
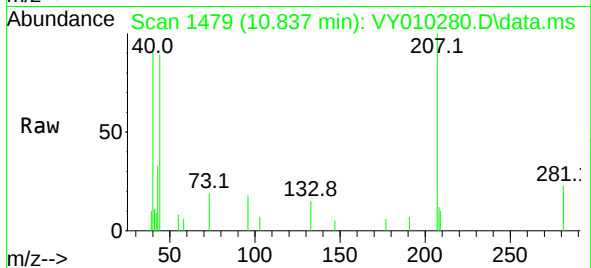




#59
2-Hexanone
Concen: 2.686 ug/l
RT: 10.837 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VY010280.D
Acq: 02 Sep 2022 15:44

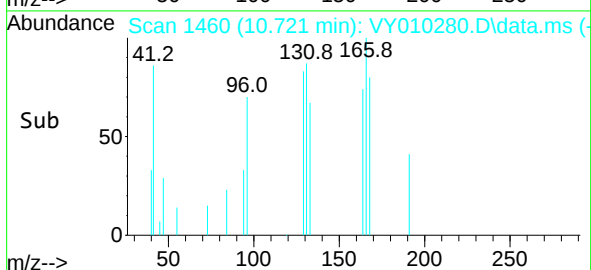
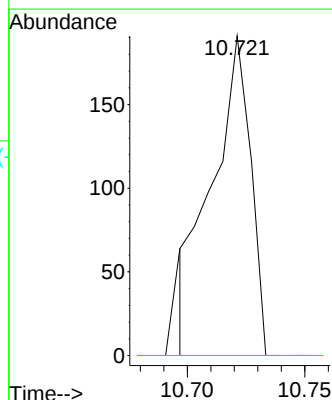
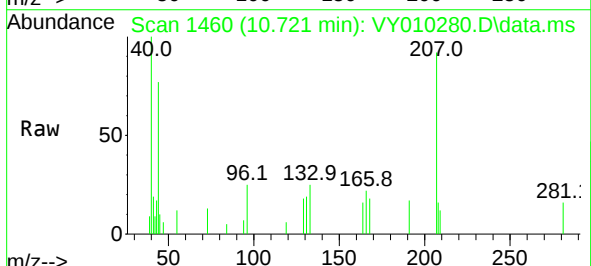
Instrument :
MSVOA_Y
ClientSampleId :

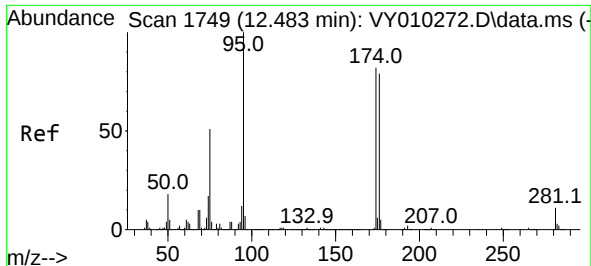
Tgt Ion: 43 Resp: 230
Ion Ratio Lower Upper
43 100
58 28.3 24.4 73.4



#60
Dibromochloromethane
Concen: 1.459 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.263 min
Lab File: VY010280.D
Acq: 02 Sep 2022 15:44

Tgt Ion: 129 Resp: 219
Ion Ratio Lower Upper
129 100
127 0.0 38.7 116.1#

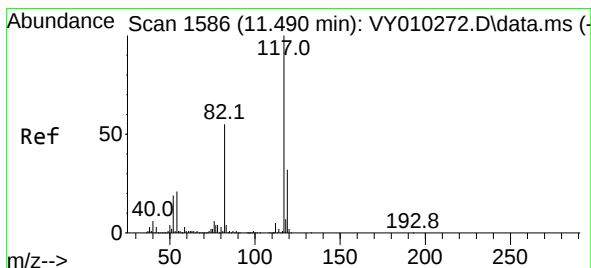
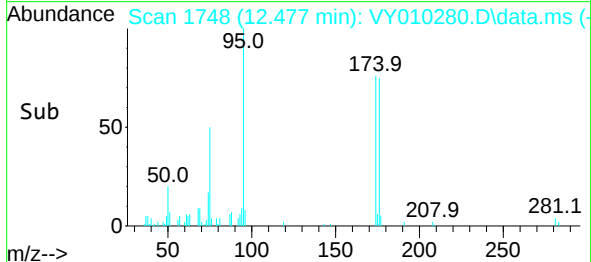
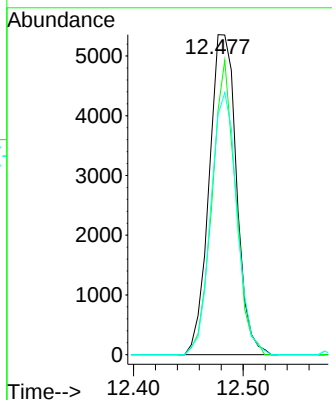
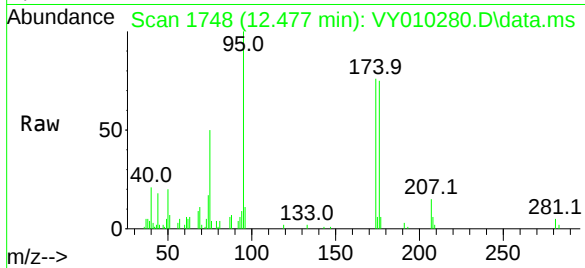




#62
4-Bromofluorobenzene
Concen: 45.872 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY010280.D
Acq: 02 Sep 2022 15:44

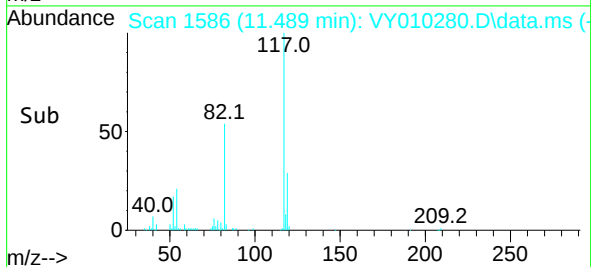
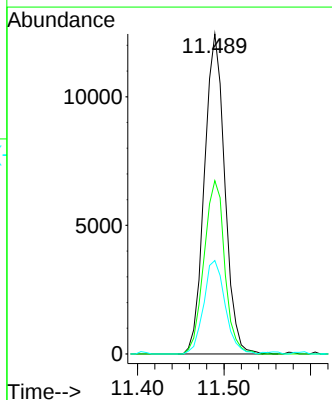
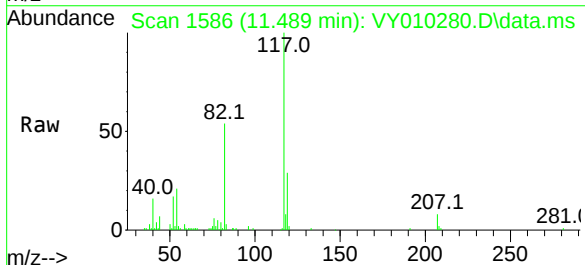
Instrument :
MSVOA_Y
ClientSampleId :

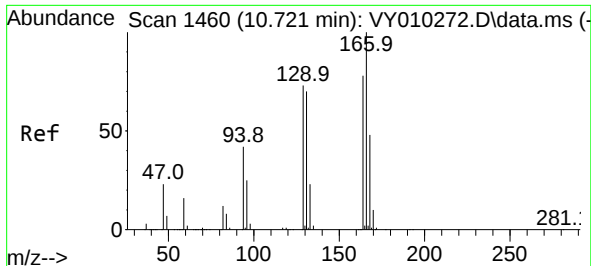
Tgt Ion: 95 Resp: 9284
Ion Ratio Lower Upper
95 100
174 79.3 0.0 177.0
176 78.4 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY010280.D
Acq: 02 Sep 2022 15:44

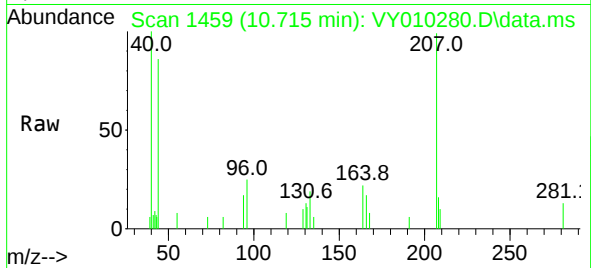
Tgt Ion: 117 Resp: 20307
Ion Ratio Lower Upper
117 100
82 54.2 43.0 64.4
119 29.2 25.4 38.0



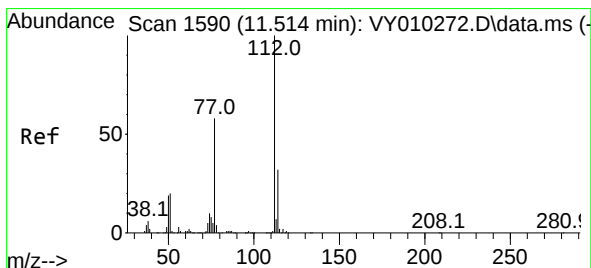
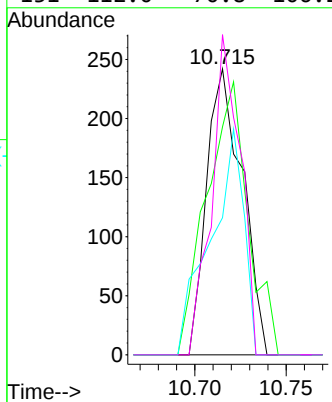
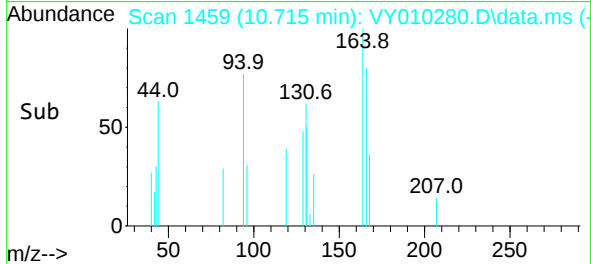


#64
Tetrachloroethene
Concen: 1.981 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. -0.006 min
Lab File: VY010280.D
Acq: 02 Sep 2022 15:44

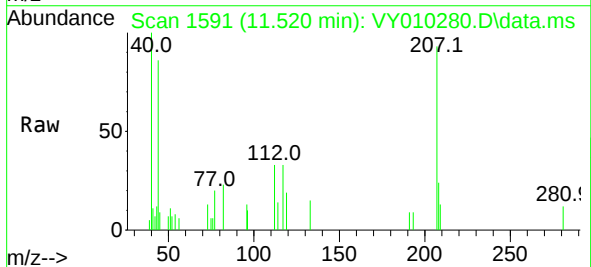
Instrument :
MSVOA_Y
ClientSampleId :



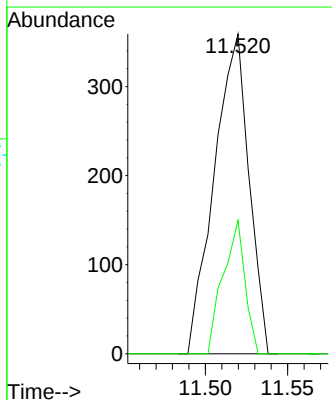
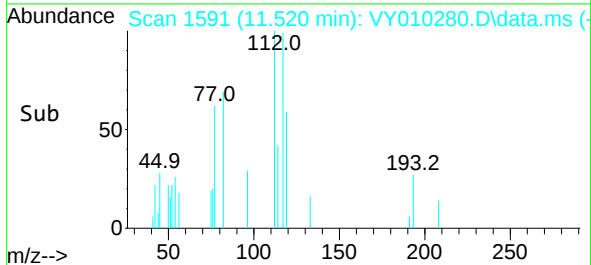
Tgt Ion:	164	Resp:	328
Ion	Ratio	Lower	Upper
164	100		
166	79.8	100.4	150.6#
129	47.9	71.4	107.0#
131	112.0	70.8	106.2#

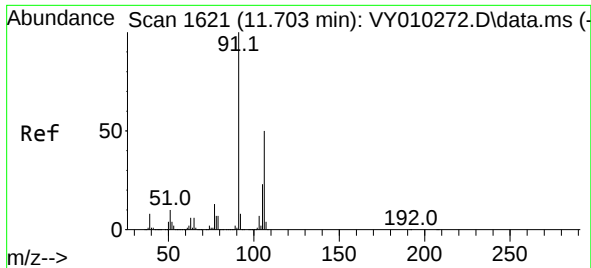


#65
Chlorobenzene
Concen: 1.216 ug/l
RT: 11.520 min Scan# 1591
Delta R.T. 0.006 min
Lab File: VY010280.D
Acq: 02 Sep 2022 15:44



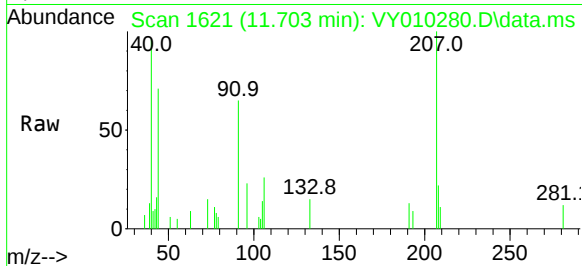
Tgt Ion:	112	Resp:	526
Ion	Ratio	Lower	Upper
112	100		
114	41.8	25.8	38.6#



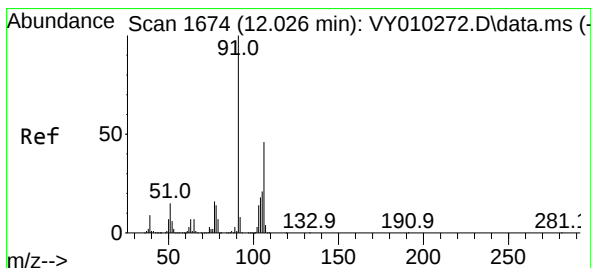
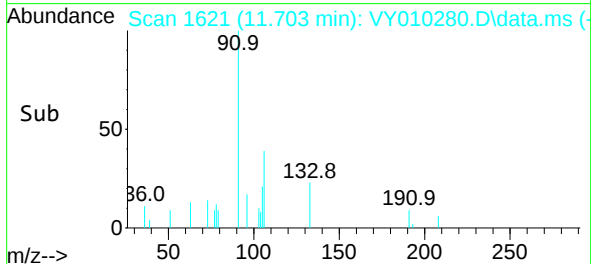
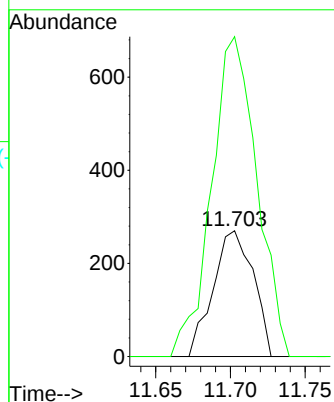


#68
m/p-Xylenes
Concen: 1.665 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY010280.D
Acq: 02 Sep 2022 15:44

Instrument :
MSVOA_Y
ClientSampleId :

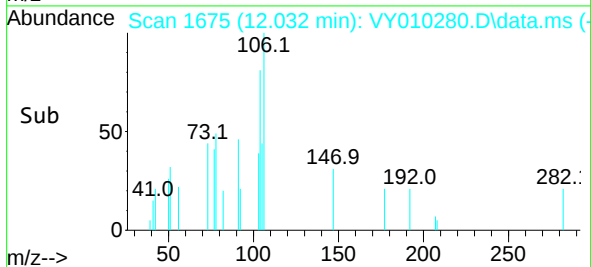
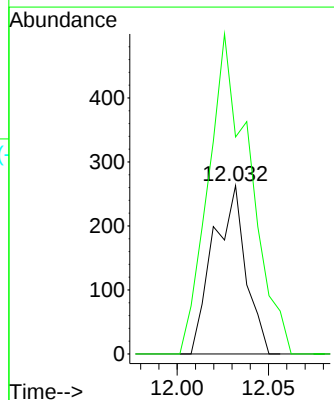
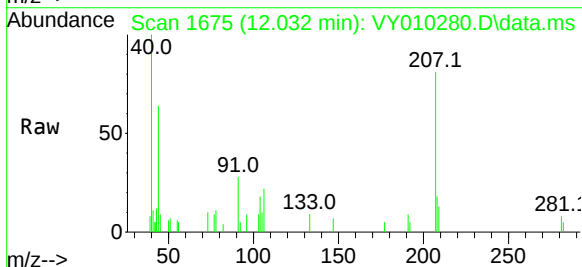


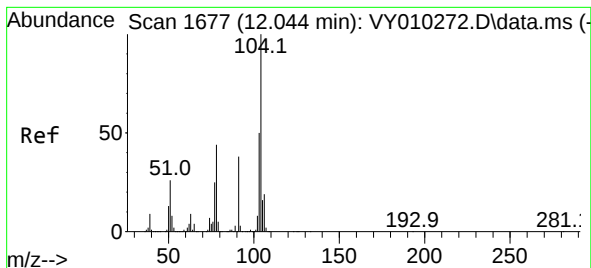
Tgt Ion:106 Resp: 504
Ion Ratio Lower Upper
106 100
91 287.3 166.6 249.8#



#69
o-Xylene
Concen: 1.106 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VY010280.D
Acq: 02 Sep 2022 15:44

Tgt Ion:106 Resp: 325
Ion Ratio Lower Upper
106 100
91 243.4 110.3 331.0





#70

Styrene

Concen: 1.391 ug/l

RT: 12.038 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY010280.D

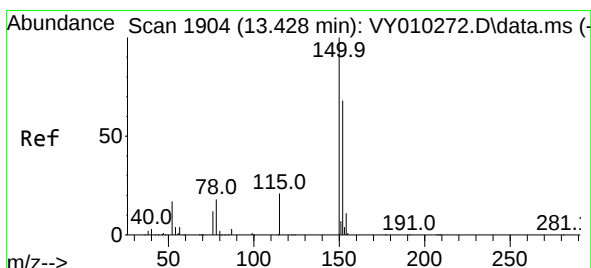
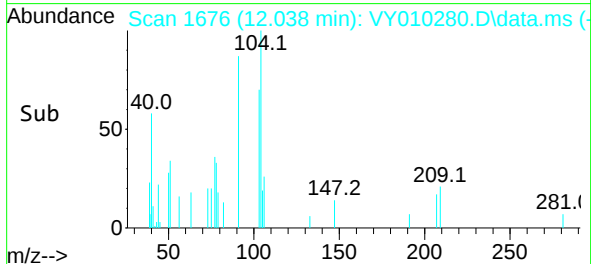
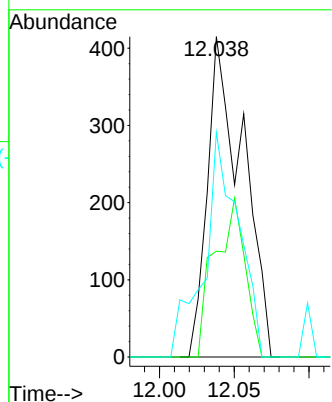
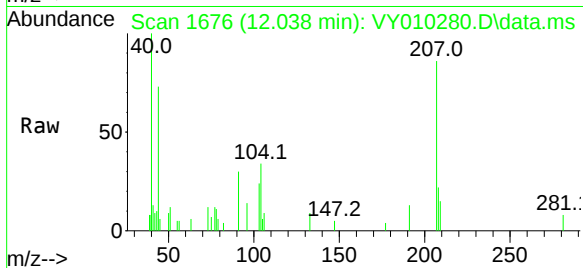
Acq: 02 Sep 2022 15:44

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:104	Resp:	681
Ion Ratio	Lower	Upper
104	100	
78	42.7	42.4 63.6
103	68.3	44.4 66.6#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

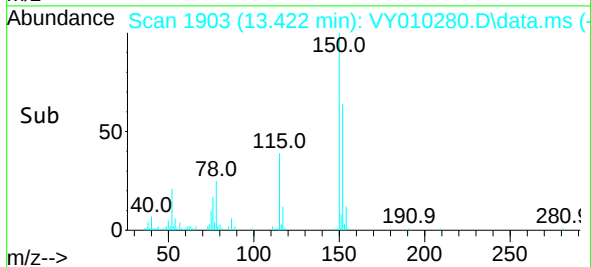
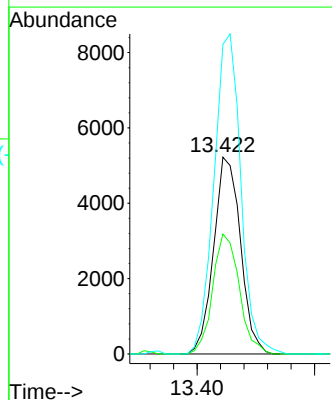
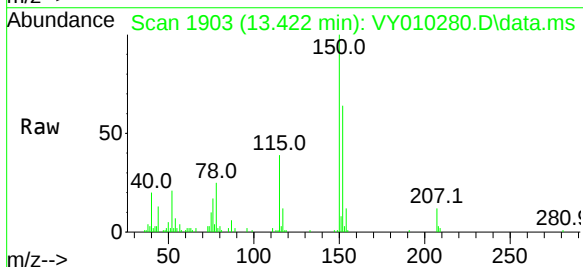
RT: 13.422 min Scan# 1903

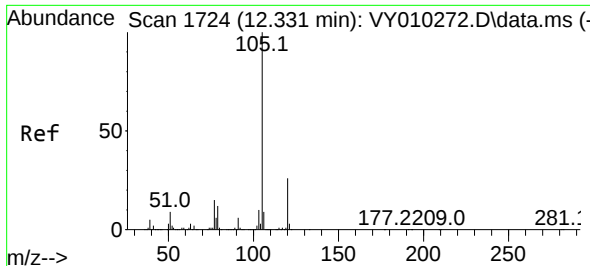
Delta R.T. -0.006 min

Lab File: VY010280.D

Acq: 02 Sep 2022 15:44

Tgt Ion:152	Resp:	8293
Ion Ratio	Lower	Upper
152	100	
115	60.3	28.2 84.7
150	162.8	0.0 347.6

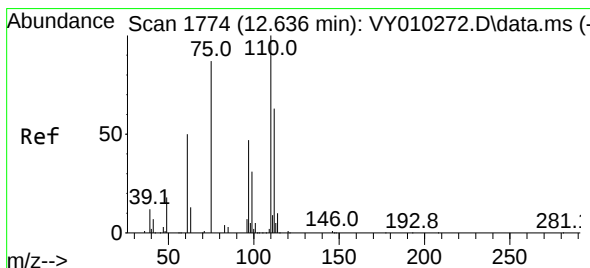
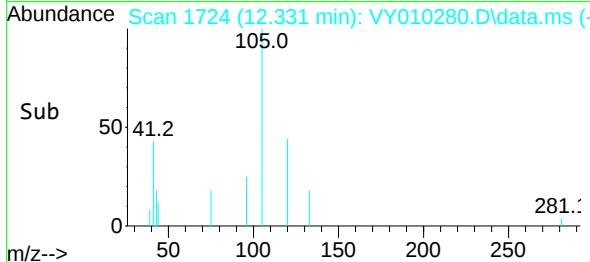
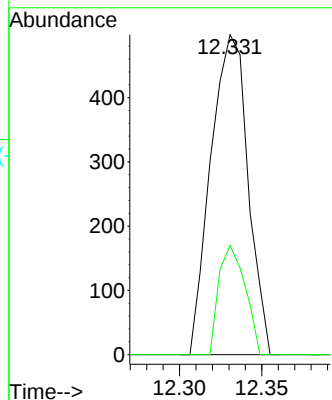
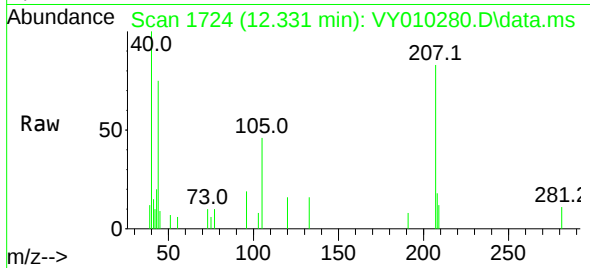




#73
Isopropylbenzene
Concen: 1.185 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY010280.D
Acq: 02 Sep 2022 15:44

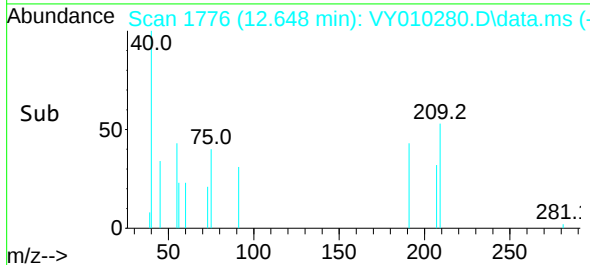
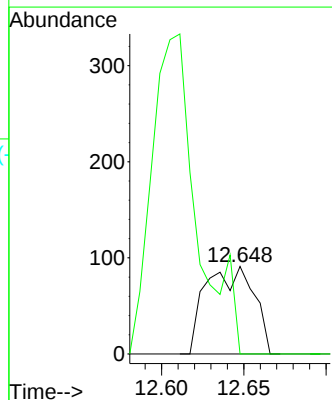
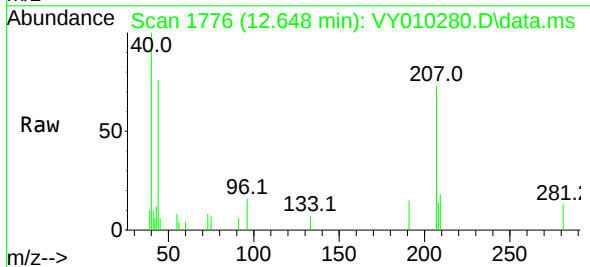
Instrument :
MSVOA_Y
ClientSampleId :

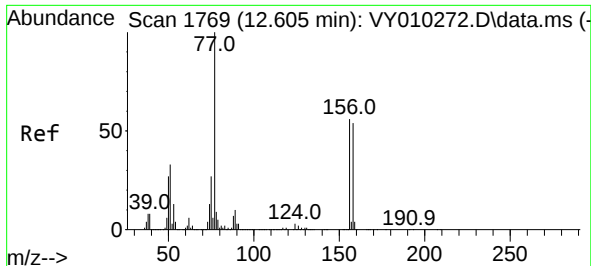
Tgt Ion:105 Resp: 784
Ion Ratio Lower Upper
105 100
120 24.1 13.4 40.2



#76
1,2,3-Trichloropropane
Concen: 1.875 ug/l
RT: 12.648 min Scan# 1776
Delta R.T. 0.012 min
Lab File: VY010280.D
Acq: 02 Sep 2022 15:44

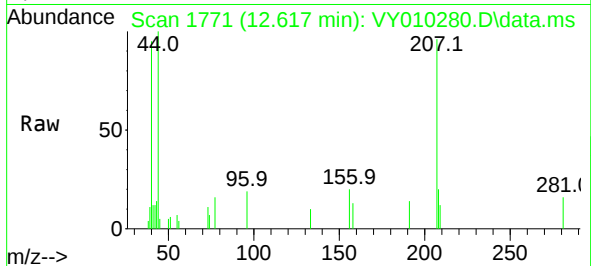
Tgt Ion: 75 Resp: 185
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



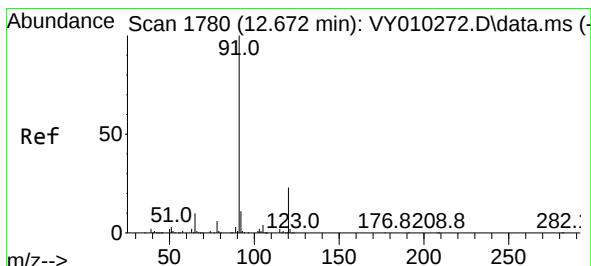
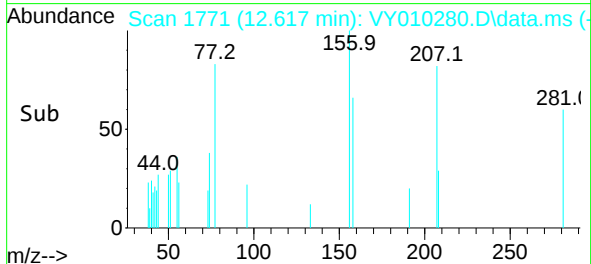
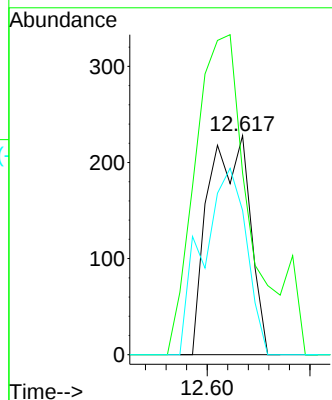


#77
Bromobenzene
Concen: 2.119 ug/l
RT: 12.617 min Scan# 1771
Delta R.T. 0.012 min
Lab File: VY010280.D
Acq: 02 Sep 2022 15:44

Instrument :
MSVOA_Y
ClientSampleId :

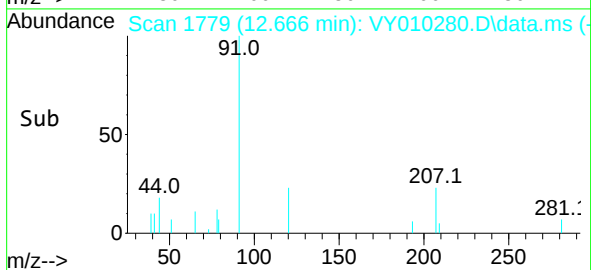
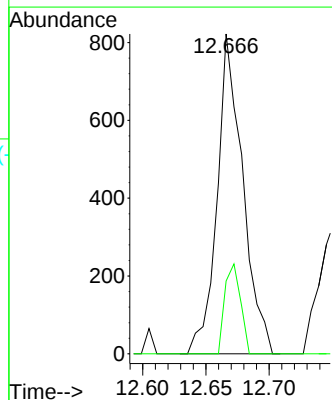
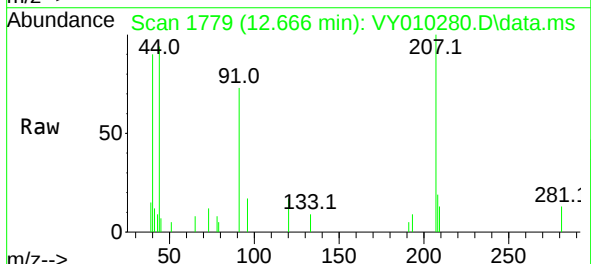


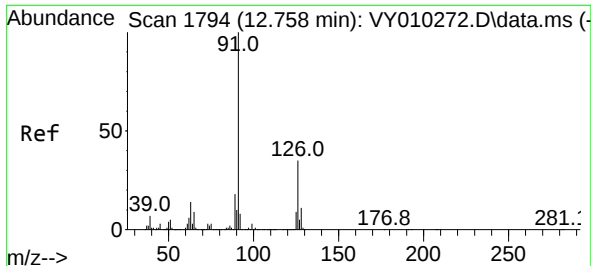
Tgt Ion:	156	Resp:	319
Ion Ratio	Lower	Upper	
156	100		
77	196.2	95.5	286.4
158	89.3	48.0	144.0



#78
n-propylbenzene
Concen: 1.457 ug/l
RT: 12.666 min Scan# 1779
Delta R.T. -0.006 min
Lab File: VY010280.D
Acq: 02 Sep 2022 15:44

Tgt Ion:	91	Resp:	1157
Ion Ratio	Lower	Upper	
91	100		
120	17.1	11.3	33.9

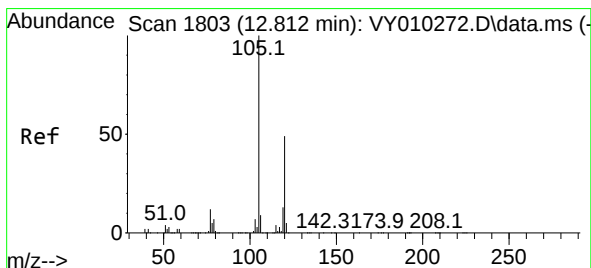
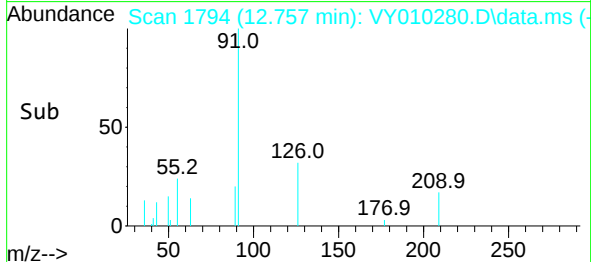
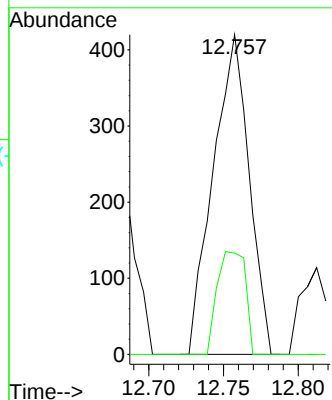
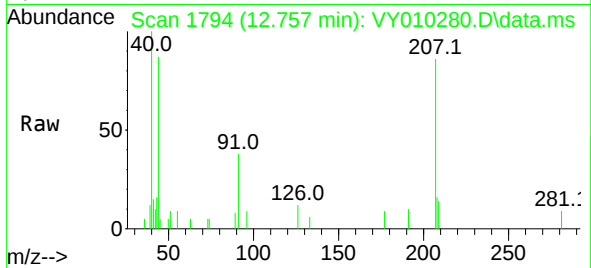




#79
2-Chlorotoluene
Concen: 1.564 ug/l
RT: 12.757 min Scan# 1794
Delta R.T. -0.001 min
Lab File: VY010280.D
Acq: 02 Sep 2022 15:44

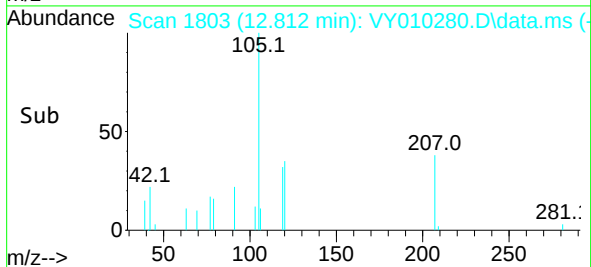
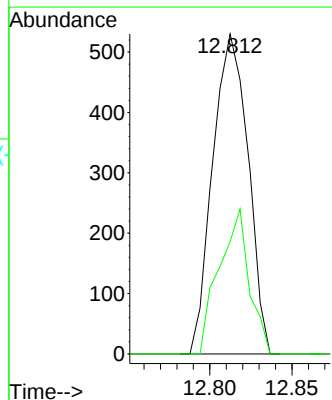
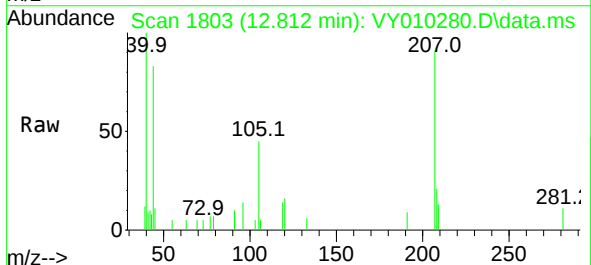
Instrument :
MSVOA_Y
ClientSampleId :

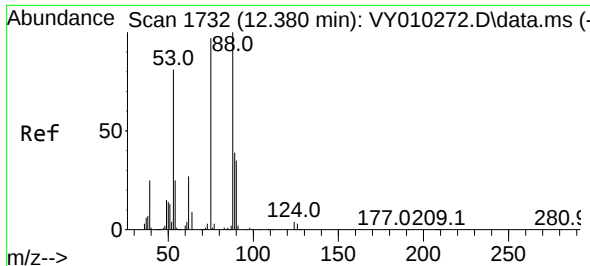
Tgt Ion: 91 Resp: 702
Ion Ratio Lower Upper
91 100
126 25.1 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 1.427 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY010280.D
Acq: 02 Sep 2022 15:44

Tgt Ion: 105 Resp: 791
Ion Ratio Lower Upper
105 100
120 38.8 24.4 73.4

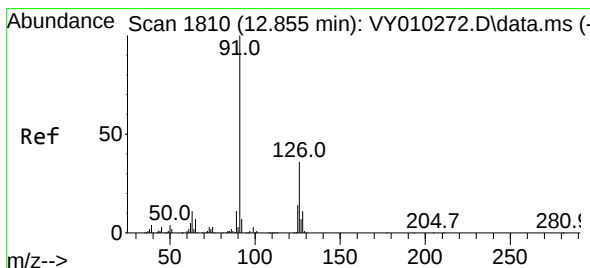
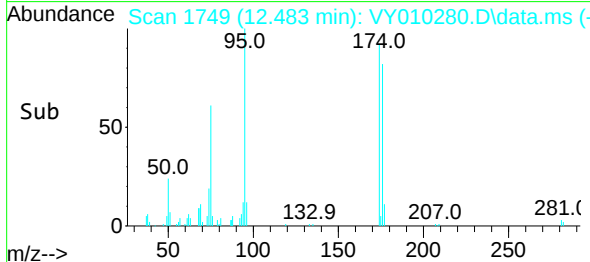
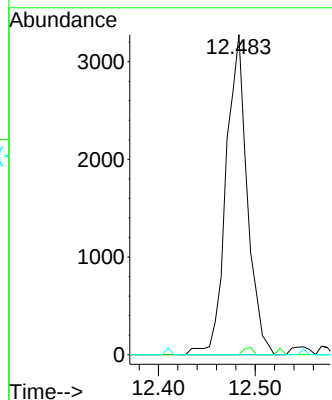
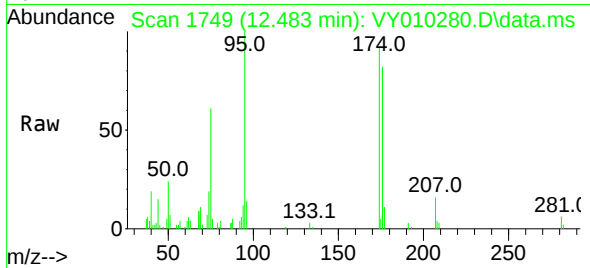




#81
trans-1,4-Dichloro-2-butene
Concen: 105.415 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY010280.D
Acq: 02 Sep 2022 15:44

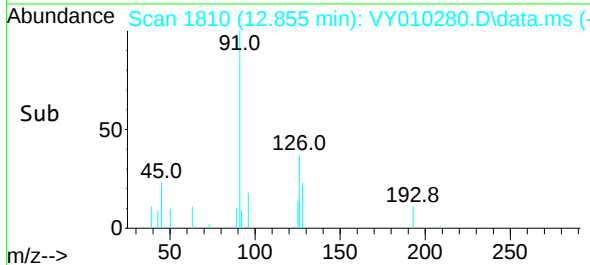
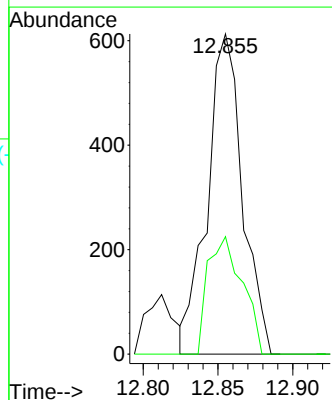
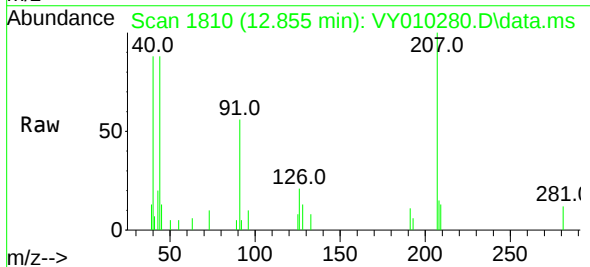
Instrument :
MSVOA_Y
ClientSampleId :

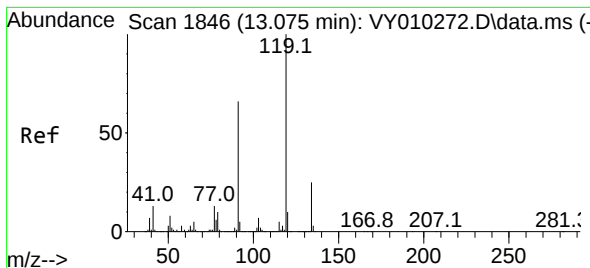
Tgt Ion: 75 Resp: 4987
Ion Ratio Lower Upper
75 100
53 1.0 85.3 127.9#
89 0.0 37.0 55.4#



#82
4-Chlorotoluene
Concen: 2.168 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY010280.D
Acq: 02 Sep 2022 15:44

Tgt Ion: 91 Resp: 1002
Ion Ratio Lower Upper
91 100
126 35.9 17.0 51.0





#83

tert-Butylbenzene

Concen: 1.466 ug/l

RT: 13.074 min Scan# 1846

Delta R.T. -0.001 min

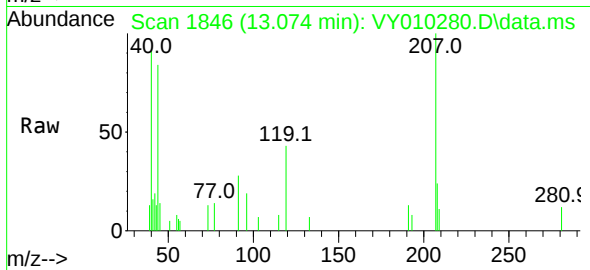
Lab File: VY010280.D

Acq: 02 Sep 2022 15:44

Instrument :

MSVOA_Y

ClientSampleId :



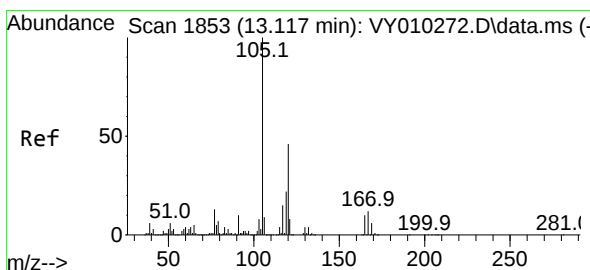
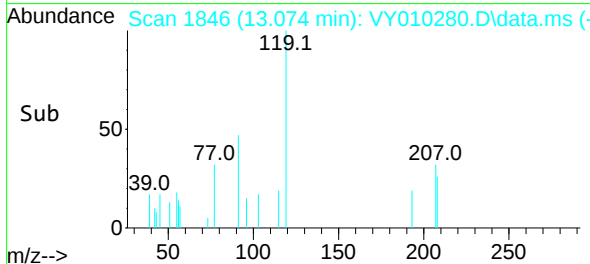
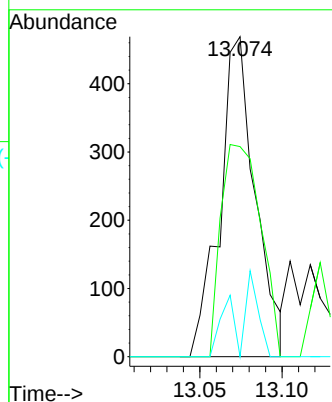
Tgt Ion:119 Resp: 706

Ion Ratio Lower Upper

119 100

91 0.0 34.8 104.4#

134 9.3 13.3 39.9#



#84

1,2,4-Trimethylbenzene

Concen: 1.589 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.006 min

Lab File: VY010280.D

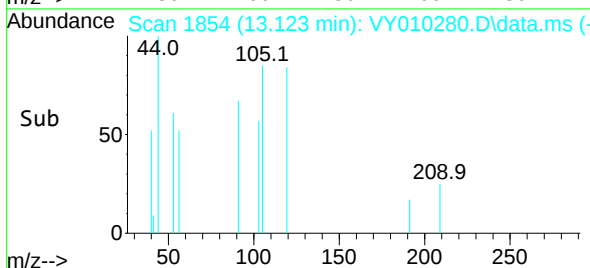
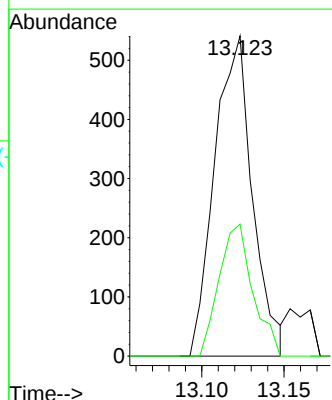
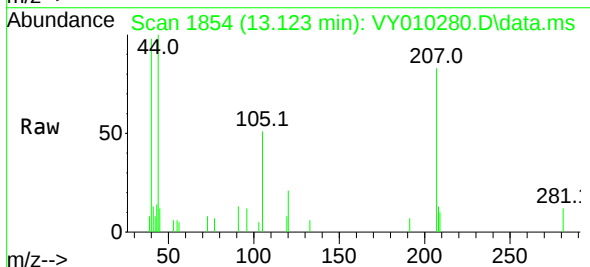
Acq: 02 Sep 2022 15:44

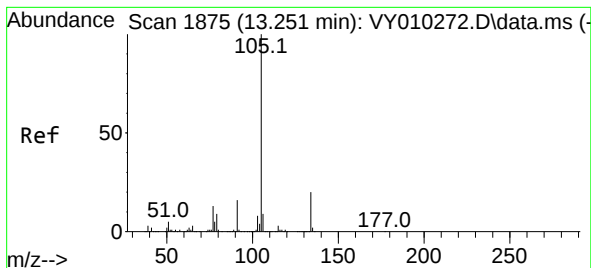
Tgt Ion:105 Resp: 865

Ion Ratio Lower Upper

105 100

120 36.8 22.3 66.9





#85

sec-Butylbenzene

Concen: 1.617 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY010280.D

Acq: 02 Sep 2022 15:44

Instrument :

MSVOA_Y

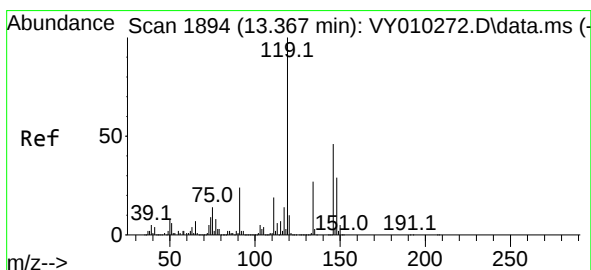
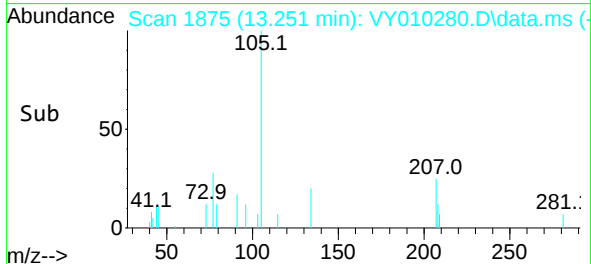
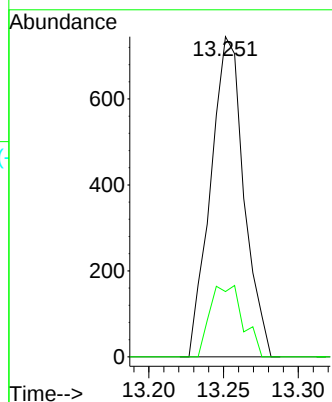
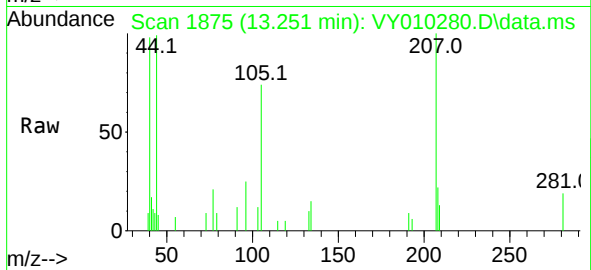
ClientSampleId :

Tgt Ion:105 Resp: 1152

Ion Ratio Lower Upper

105 100

134 22.0 10.2 30.4



#86

p-Isopropyltoluene

Concen: 1.829 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.006 min

Lab File: VY010280.D

Acq: 02 Sep 2022 15:44

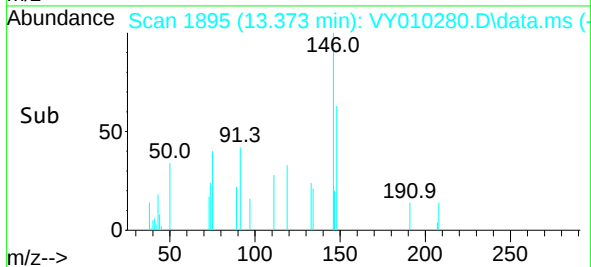
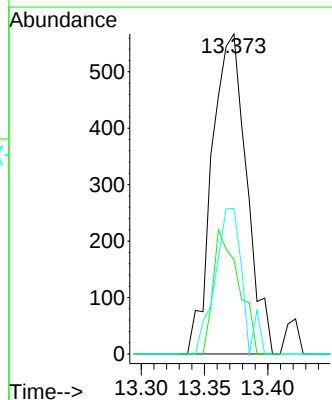
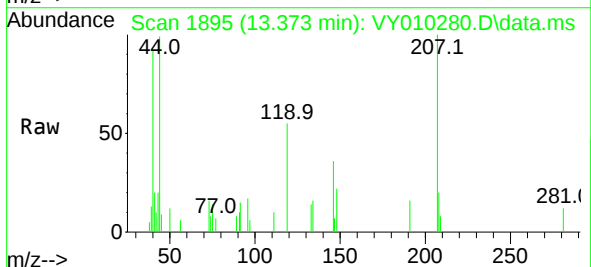
Tgt Ion:119 Resp: 1076

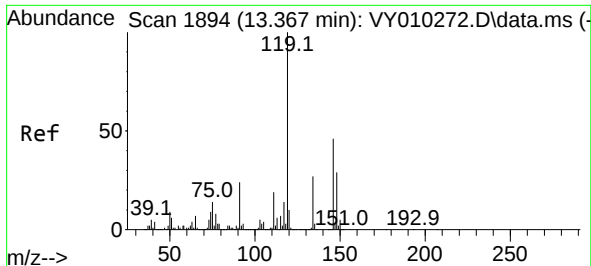
Ion Ratio Lower Upper

119 100

134 28.6 13.2 39.5

91 36.0 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 2.888 ug/l

RT: 13.367 min Scan# 11

Delta R.T. 0.000 min

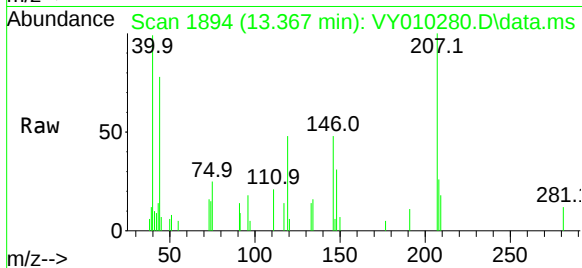
Lab File: VY010280.D

Acq: 02 Sep 2022 15:44

Instrument :

MSVOA_Y

ClientSampleId :



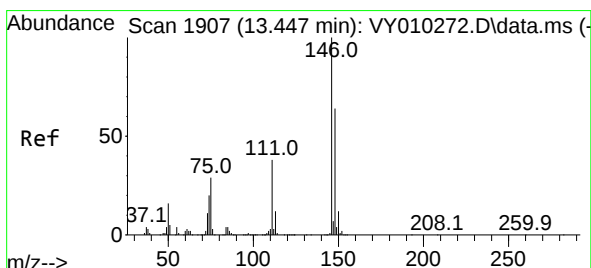
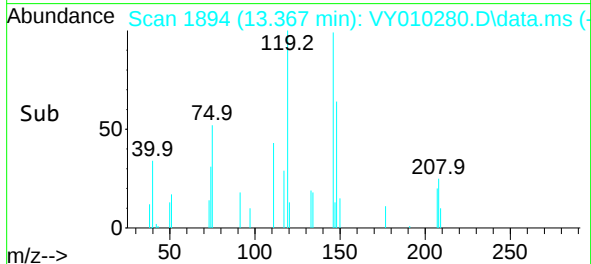
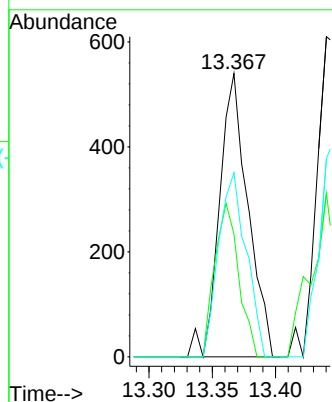
Tgt Ion:146 Resp: 844

Ion Ratio Lower Upper

146 100

111 45.5 19.5 58.5

148 63.2 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 3.696 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. -0.007 min

Lab File: VY010280.D

Acq: 02 Sep 2022 15:44

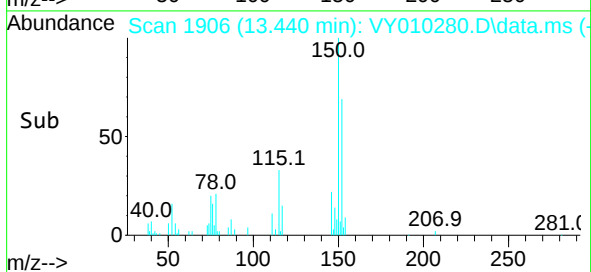
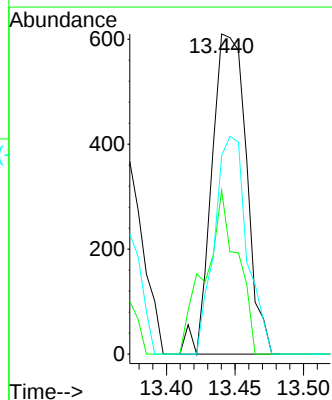
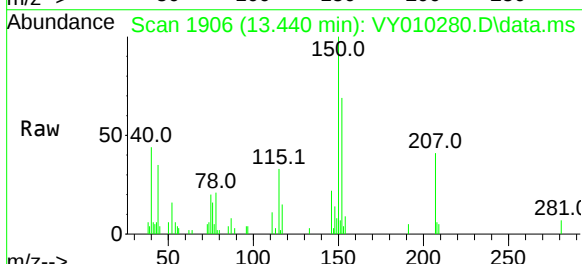
Tgt Ion:146 Resp: 1074

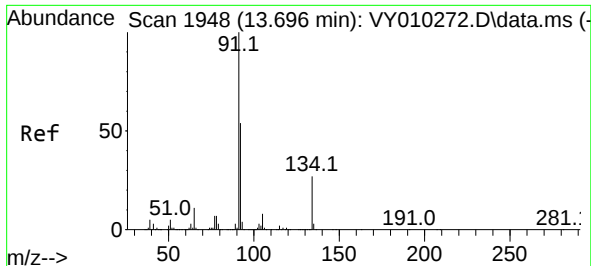
Ion Ratio Lower Upper

146 100

111 47.6 19.3 57.8

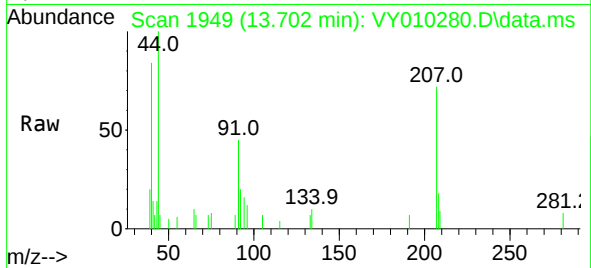
148 63.7 32.6 97.8



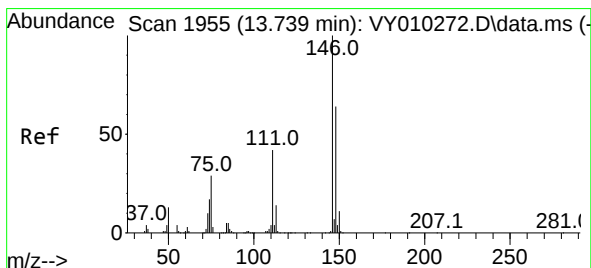
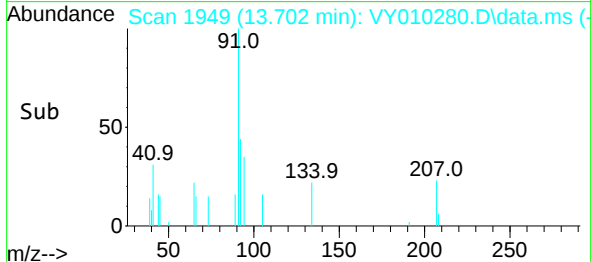
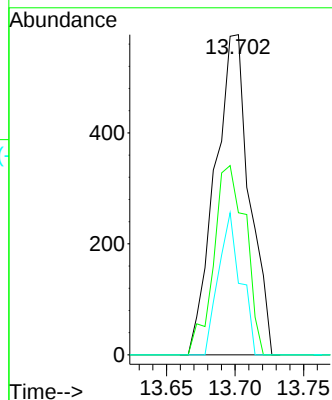


#89
n-Butylbenzene
Concen: 1.820 ug/l
RT: 13.702 min Scan# 1949
Delta R.T. 0.006 min
Lab File: VY010280.D
Acq: 02 Sep 2022 15:44

Instrument :
MSVOA_Y
ClientSampleId :

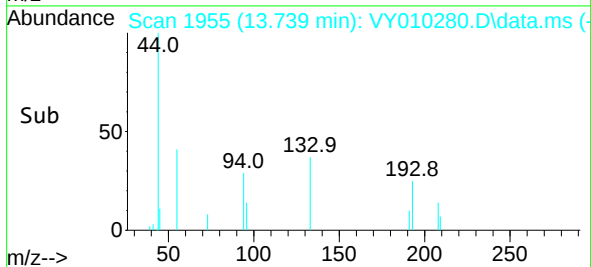
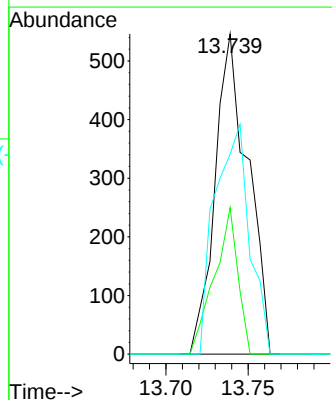
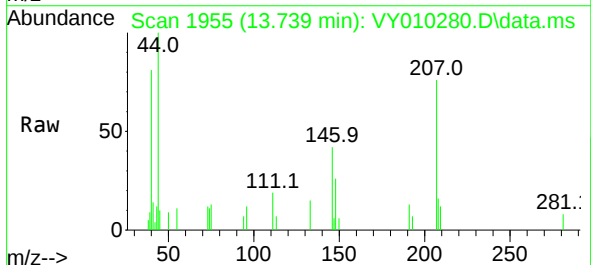


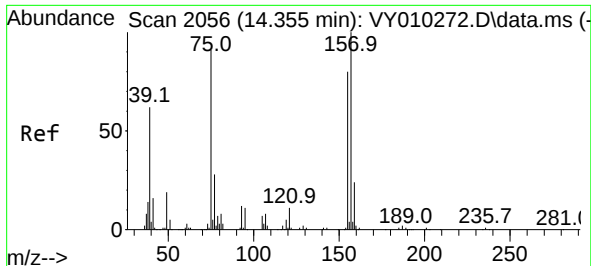
Tgt Ion: 91 Resp: 1012
Ion Ratio Lower Upper
91 100
92 54.6 26.3 78.9
134 28.5 13.0 38.9



#91
1,2-Dichlorobenzene
Concen: 2.914 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VY010280.D
Acq: 02 Sep 2022 15:44

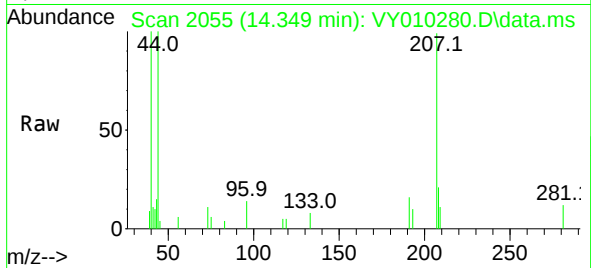
Tgt Ion: 146 Resp: 759
Ion Ratio Lower Upper
146 100
111 32.8 20.3 60.9
148 75.5 32.3 96.9



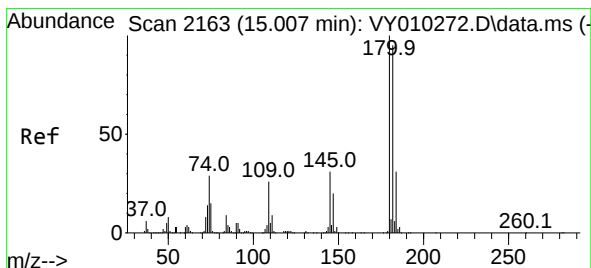
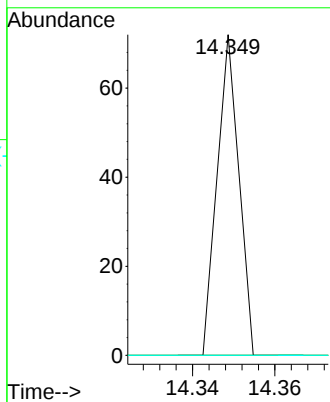
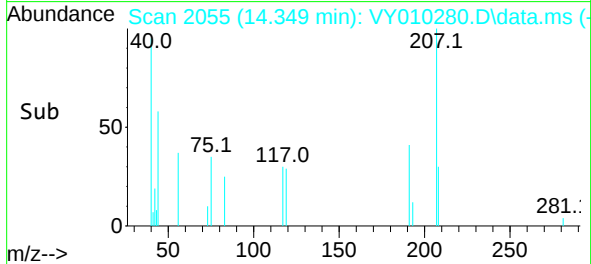


#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.160 ug/l
 RT: 14.349 min Scan# 2055
 Delta R.T. -0.006 min
 Lab File: VY010280.D
 Acq: 02 Sep 2022 15:44

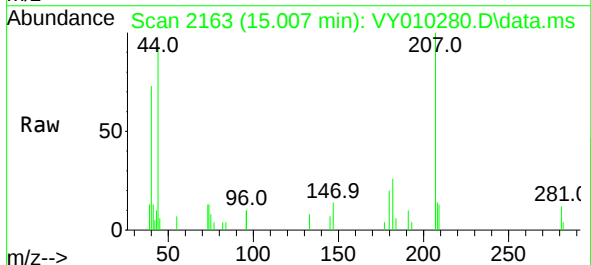
Instrument :
 MSVOA_Y
 ClientSampleId :



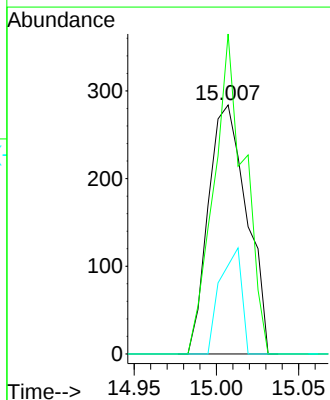
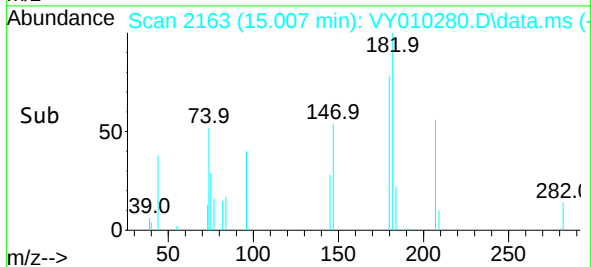
Tgt Ion: 75 Resp: 26
 Ion Ratio Lower Upper
 75 100
 155 0.0 38.0 113.9#
 157 0.0 47.8 143.3#

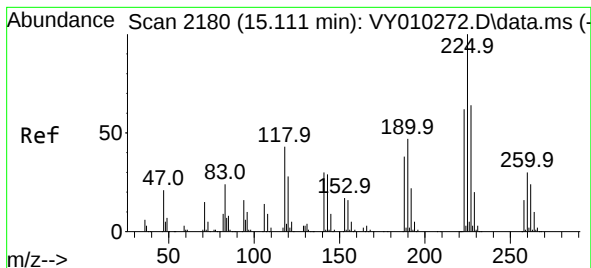


#93
 1,2,4-Trichlorobenzene
 Concen: 2.866 ug/l
 RT: 15.007 min Scan# 2163
 Delta R.T. 0.000 min
 Lab File: VY010280.D
 Acq: 02 Sep 2022 15:44



Tgt Ion: 180 Resp: 462
 Ion Ratio Lower Upper
 180 100
 182 103.2 47.3 141.9
 145 24.0 14.6 43.8





#94

Hexachlorobutadiene

Concen: 2.423 ug/l

RT: 15.105 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY010280.D

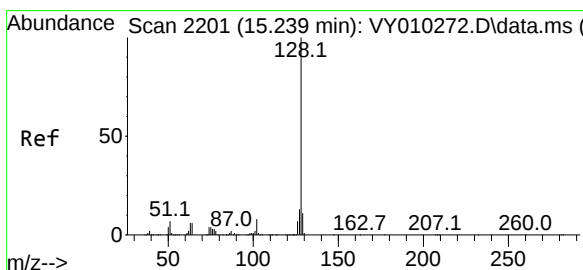
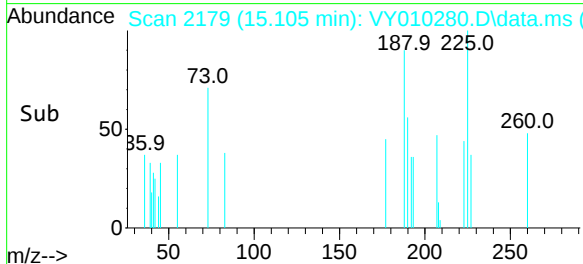
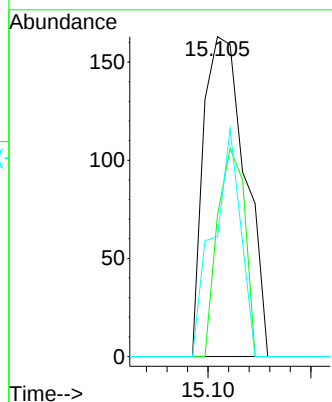
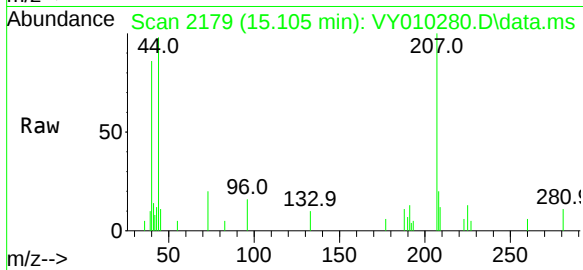
Acq: 02 Sep 2022 15:44

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:225	Resp:	229
Ion	Ratio	Lower Upper
225	100	
223	42.8	30.8 92.3
227	47.2	31.6 94.7



#95

Naphthalene

Concen: 3.420 ug/l

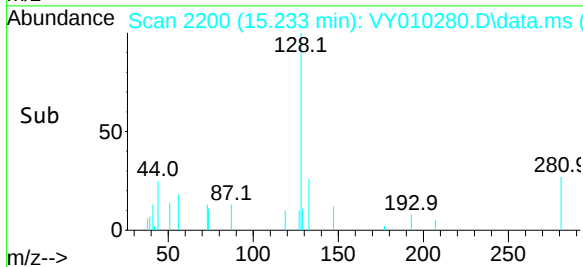
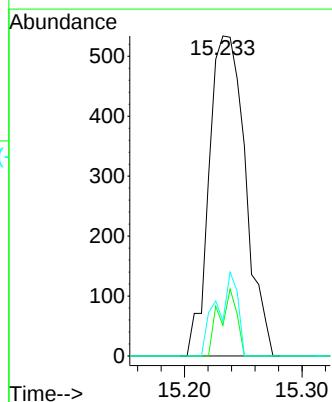
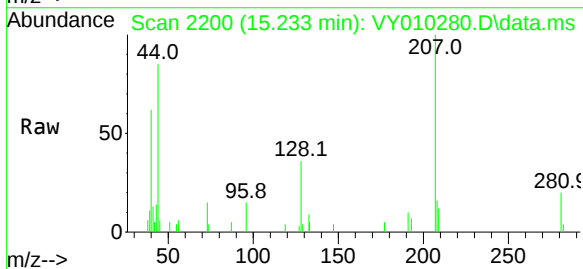
RT: 15.233 min Scan# 2200

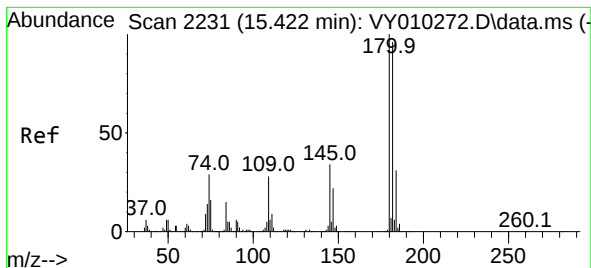
Delta R.T. -0.006 min

Lab File: VY010280.D

Acq: 02 Sep 2022 15:44

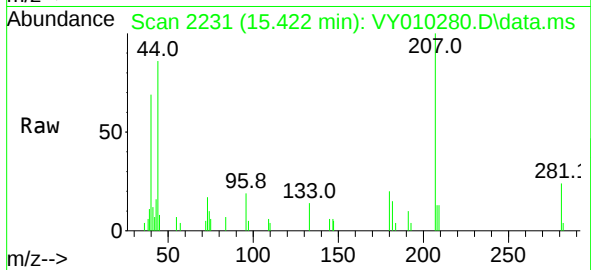
Tgt Ion:128	Resp:	1144
Ion	Ratio	Lower Upper
128	100	
127	10.1	11.0 16.4#
129	15.0	8.4 12.6#





#96
 1,2,3-Trichlorobenzene
 Concen: 2.981 ug/l
 RT: 15.422 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VY010280.D
 Acq: 02 Sep 2022 15:44

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:	180	Resp:	407
Ion	Ratio	Lower	Upper
180	100		
182	110.1	47.3	141.9
145	24.3	15.3	45.9

