

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082322\
 Data File : VY010161.D
 Acq On : 23 Aug 2022 13:37
 Operator : KP/MD
 Sample : VY0823SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0823SBS01

Quant Time: Aug 24 04:32:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081922S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 22 02:37:07 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	223571	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	349938	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	326730	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	176101	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	93636	51.132	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.260%			
35) Dibromofluoromethane	7.710	113	102986	52.228	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.460%			
50) Toluene-d8	10.179	98	345759	46.796	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 93.600%			
62) 4-Bromofluorobenzene	12.477	95	140157	53.092	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 106.180%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	28500	17.104	ug/l	99
3) Chloromethane	2.107	50	30414	16.222	ug/l	98
4) Vinyl Chloride	2.241	62	33144	16.229	ug/l	96
5) Bromomethane	2.631	94	29350	18.984	ug/l	96
6) Chloroethane	2.778	64	26233	20.127	ug/l	99
7) Trichlorofluoromethane	3.113	101	60126	17.372	ug/l	100
8) Diethyl Ether	3.521	74	24857	21.042	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.881	101	42661	19.856	ug/l	99
10) Methyl Iodide	4.076	142	43534	16.405	ug/l	97
11) Tert butyl alcohol	4.954	59	22697	125.012	ug/l	99
12) 1,1-Dichloroethene	3.857	96	37681	18.282	ug/l	96
13) Acrolein	3.723	56	12088	119.461	ug/l	99
14) Allyl chloride	4.466	41	64033	21.006	ug/l	97
15) Acrylonitrile	5.155	53	68941	121.401	ug/l	99
16) Acetone	3.942	43	58773	128.233	ug/l	98
17) Carbon Disulfide	4.180	76	92221	14.100	ug/l	99
18) Methyl Acetate	4.466	43	34282	24.413	ug/l	97
19) Methyl tert-butyl Ether	5.210	73	114254	22.371	ug/l	99
20) Methylene Chloride	4.704	84	61426	18.445	ug/l	96
21) trans-1,2-Dichloroethene	5.204	96	43209	18.490	ug/l	99
22) Diisopropyl ether	6.106	45	145269	22.688	ug/l	94
23) Vinyl Acetate	6.051	43	441691	113.670	ug/l	99
24) 1,1-Dichloroethane	6.009	63	80436	20.847	ug/l	99
25) 2-Butanone	6.978	43	89793	121.793	ug/l	95
26) 2,2-Dichloropropane	6.972	77	70143	20.315	ug/l	98
27) cis-1,2-Dichloroethene	6.972	96	51372	19.870	ug/l	96
28) Bromochloromethane	7.326	49	25647	19.561	ug/l	95
29) Tetrahydrofuran	7.338	42	56781	120.432	ug/l	97
30) Chloroform	7.496	83	84665	20.983	ug/l	99
31) Cyclohexane	7.777	56	66393	17.696	ug/l	96
32) 1,1,1-Trichloroethane	7.691	97	73230	20.818	ug/l	99
36) 1,1-Dichloropropene	7.911	75	59424	18.880	ug/l	100
37) Ethyl Acetate	7.063	43	38793	24.277	ug/l	99
38) Carbon Tetrachloride	7.893	117	65189	19.749	ug/l	99
39) Methylcyclohexane	9.179	83	67773	17.462	ug/l	97
40) Benzene	8.155	78	183096	19.777	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	20055	21.894	ug/l #	100
42) 1,2-Dichloroethane	8.228	62	52560	22.136	ug/l	100
43) Isopropyl Acetate	8.271	43	67501	23.399	ug/l	99
44) Trichloroethene	8.935	130	51458	19.391	ug/l	96
45) 1,2-Dichloropropane	9.209	63	47743	21.429	ug/l	97
46) Dibromomethane	9.301	93	27693	21.245	ug/l	97
47) Bromodichloromethane	9.490	83	65075	21.451	ug/l	96
48) Methyl methacrylate	9.289	41	29802	23.090	ug/l	98
49) 1,4-Dioxane	9.289	88	7178	475.445	ug/l	97
51) 4-Methyl-2-Pentanone	10.069	43	191111	122.447	ug/l	99
52) Toluene	10.240	92	119108	20.292	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	68409	22.064	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	77004	21.292	ug/l	100
55) 1,1,2-Trichloroethane	10.642	97	40954	21.817	ug/l	98
56) Ethyl methacrylate	10.508	69	52145	22.026	ug/l	95
57) 1,3-Dichloropropane	10.788	76	66621	21.529	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	119244	126.277	ug/l	99
59) 2-Hexanone	10.831	43	135282	126.409	ug/l	96
60) Dibromochloromethane	10.983	129	49734	21.739	ug/l	98
61) 1,2-Dibromoethane	11.087	107	37983	20.791	ug/l	100
64) Tetrachloroethene	10.715	164	50655	19.207	ug/l	98
65) Chlorobenzene	11.514	112	131751	20.049	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	50159	20.649	ug/l	99
67) Ethyl Benzene	11.593	91	226844	19.810	ug/l	100
68) m/p-Xylenes	11.697	106	177292	39.701	ug/l	98
69) o-Xylene	12.026	106	83774	20.147	ug/l	99
70) Styrene	12.044	104	147057	20.725	ug/l	100
71) Bromoform	12.209	173	32396	21.665	ug/l #	100
73) Isopropylbenzene	12.331	105	225817	19.061	ug/l	100
74) N-amyl acetate	12.142	43	60901	21.325	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	49907	21.060	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	63733	38.644	ug/l #	100
77) Bromobenzene	12.605	156	55938	19.411	ug/l	98
78) n-propylbenzene	12.672	91	282585	19.427	ug/l	100
79) 2-Chlorotoluene	12.758	91	157032	19.165	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	198100	19.986	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	16716	20.357	ug/l	95
82) 4-Chlorotoluene	12.855	91	165233	19.452	ug/l	100
83) tert-Butylbenzene	13.075	119	168036	19.445	ug/l	100
84) 1,2,4-Trimethylbenzene	13.117	105	195789	19.944	ug/l	100
85) sec-Butylbenzene	13.251	105	256762	19.597	ug/l	100
86) p-Isopropyltoluene	13.367	119	211828	19.614	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	112846	19.447	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	113106	19.467	ug/l	98
89) n-Butylbenzene	13.696	91	198656	19.543	ug/l	100
90) Hexachloroethane	13.959	117	42883	19.474	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	103333	20.061	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	7765	21.432	ug/l	99
93) 1,2,4-Trichlorobenzene	15.007	180	62284	20.395	ug/l	100
94) Hexachlorobutadiene	15.111	225	37117	20.472	ug/l	99
95) Naphthalene	15.233	128	125915	21.436	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	54945	20.645	ug/l	99

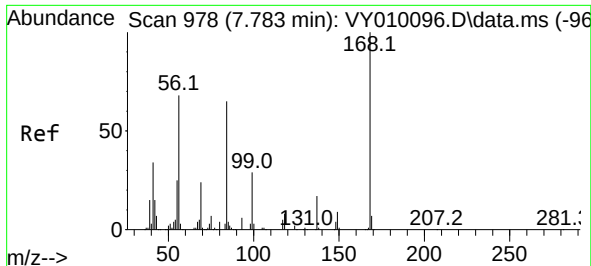
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Response via : Initial Calibration

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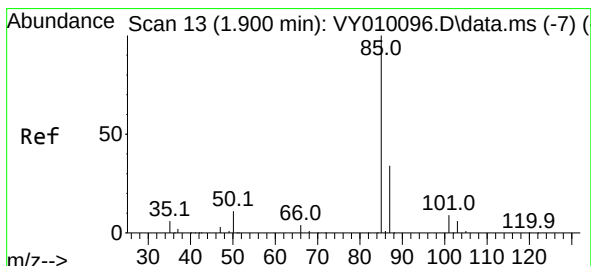
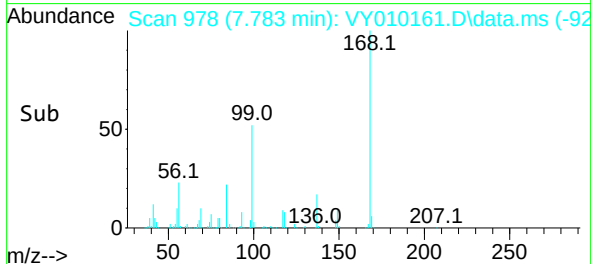
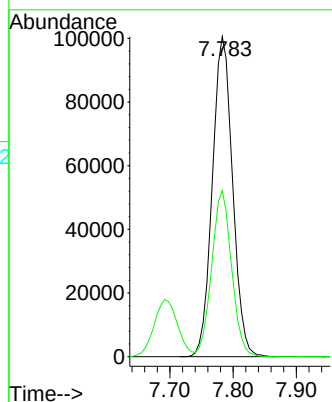
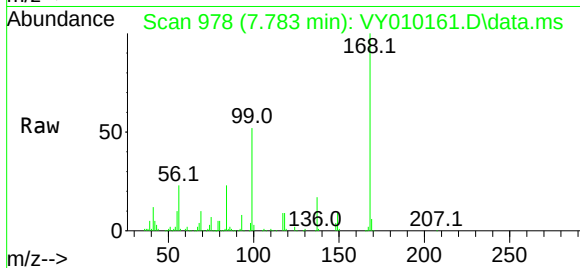
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
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Acq: 23 Aug 2022 13:37

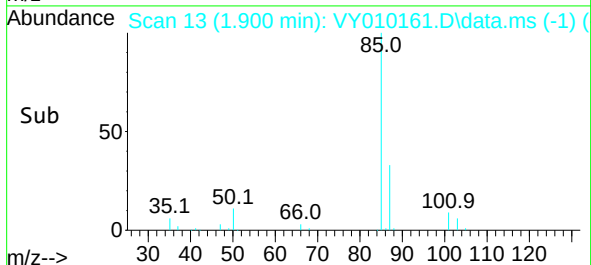
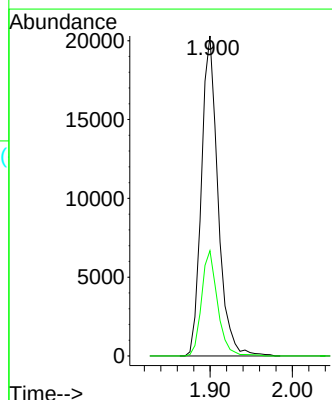
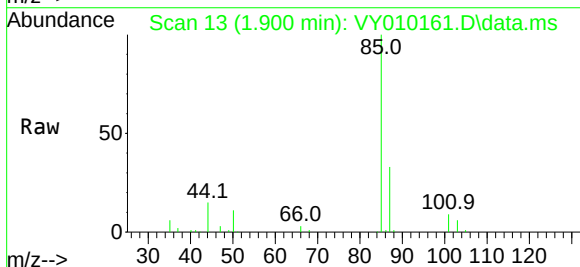
Instrument :
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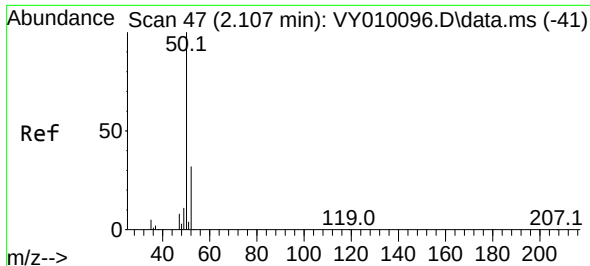
Tgt Ion:168 Resp: 223571
Ion Ratio Lower Upper
168 100
99 51.9 40.7 61.1



#2
Dichlorodifluoromethane
Concen: 17.104 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY010161.D
Acq: 23 Aug 2022 13:37

Tgt Ion: 85 Resp: 28500
Ion Ratio Lower Upper
85 100
87 32.9 16.8 50.4

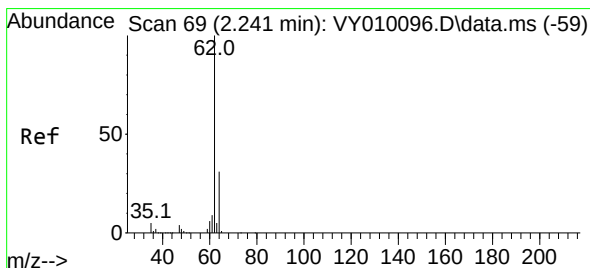
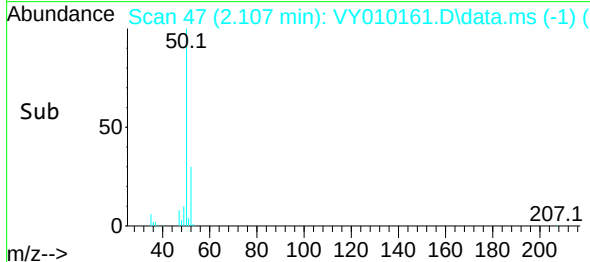
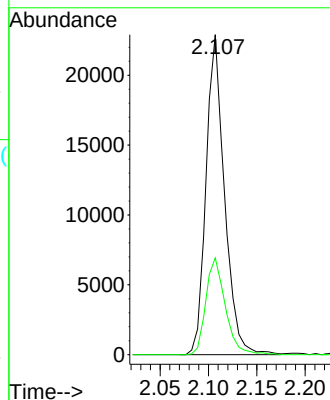
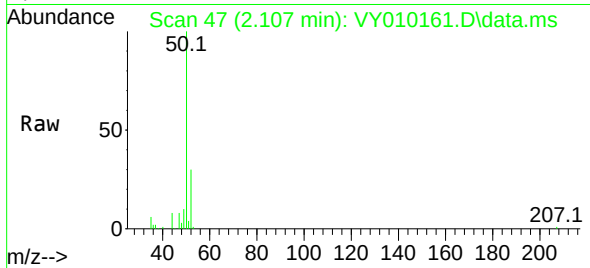




#3
Chloromethane
Concen: 16.222 ug/l
RT: 2.107 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY010161.D
Acq: 23 Aug 2022 13:37

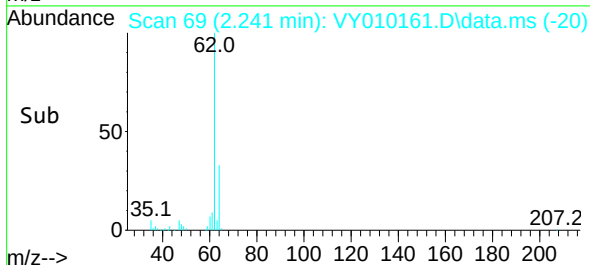
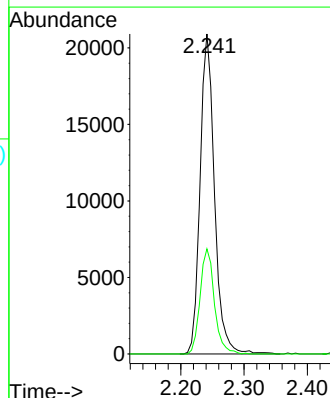
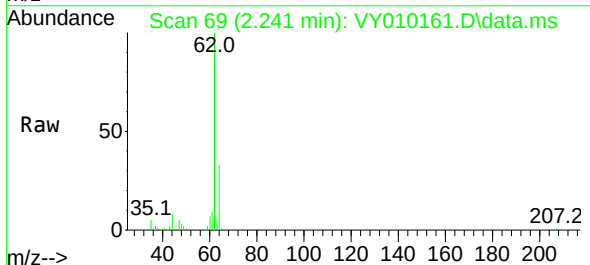
Instrument :
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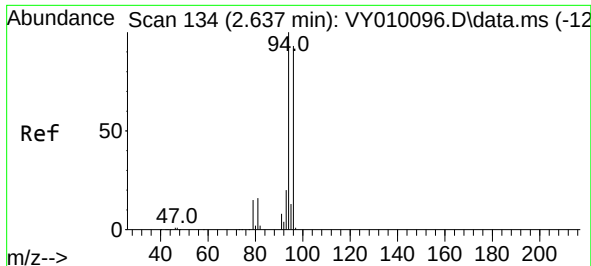
Tgt Ion: 50 Resp: 30414
Ion Ratio Lower Upper
50 100
52 30.3 25.3 37.9



#4
Vinyl Chloride
Concen: 16.229 ug/l
RT: 2.241 min Scan# 69
Delta R.T. 0.000 min
Lab File: VY010161.D
Acq: 23 Aug 2022 13:37

Tgt Ion: 62 Resp: 33144
Ion Ratio Lower Upper
62 100
64 32.9 24.7 37.1

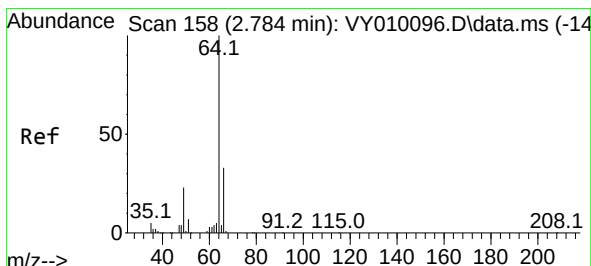
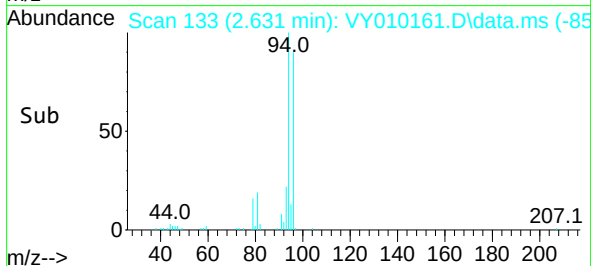
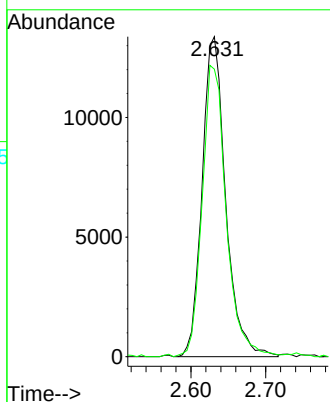
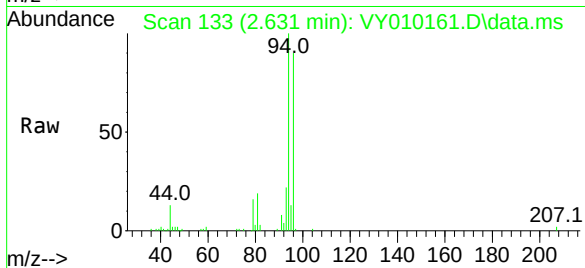




#5
Bromomethane
Concen: 18.984 ug/l
RT: 2.631 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY010161.D
Acq: 23 Aug 2022 13:37

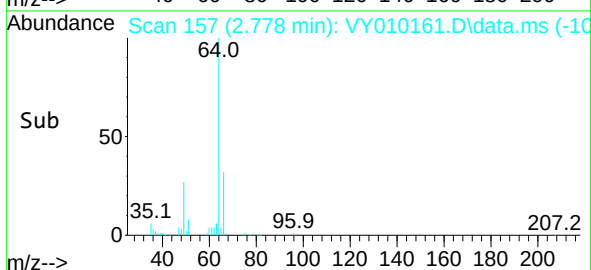
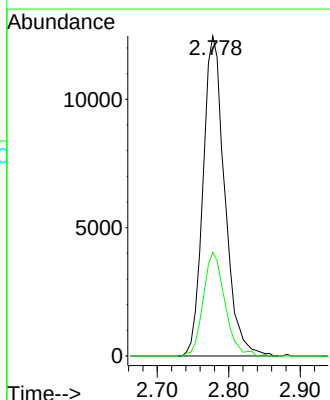
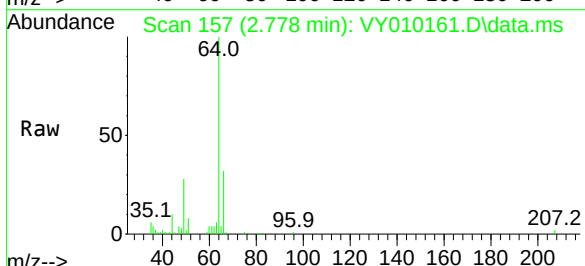
Instrument :
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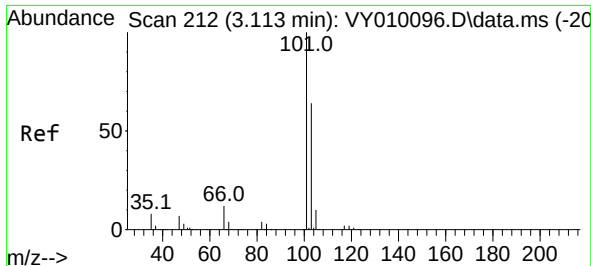
Tgt Ion: 94 Resp: 29350
Ion Ratio Lower Upper
94 100
96 89.4 74.3 111.5



#6
Chloroethane
Concen: 20.127 ug/l
RT: 2.778 min Scan# 157
Delta R.T. -0.006 min
Lab File: VY010161.D
Acq: 23 Aug 2022 13:37

Tgt Ion: 64 Resp: 26233
Ion Ratio Lower Upper
64 100
66 32.4 26.2 39.4

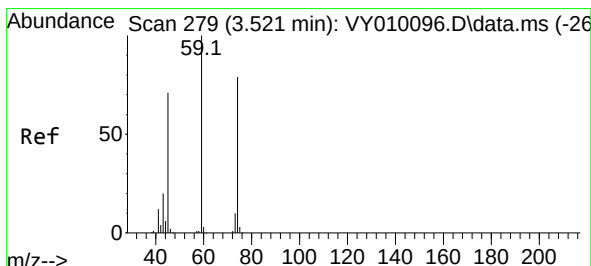
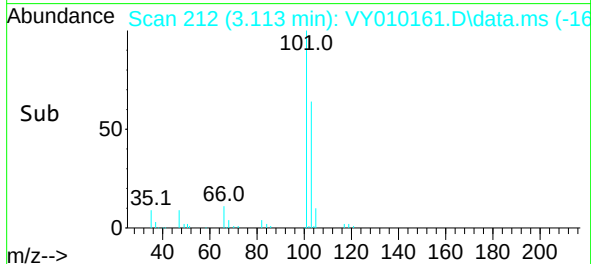
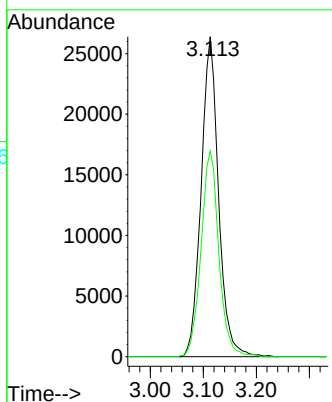
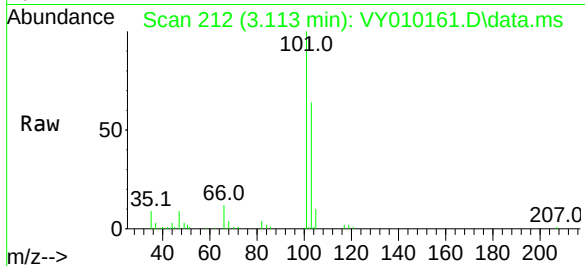




#7
 Trichlorofluoromethane
 Concen: 17.372 ug/l
 RT: 3.113 min Scan# 212
 Delta R.T. -0.000 min
 Lab File: VY010161.D
 Acq: 23 Aug 2022 13:37

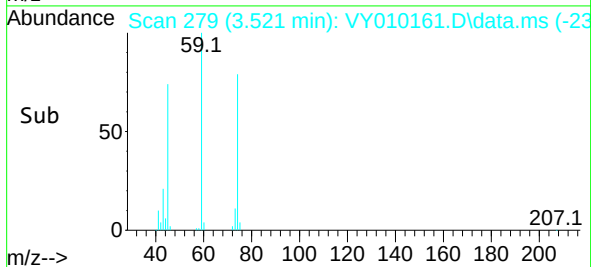
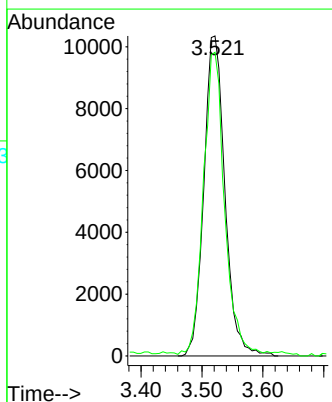
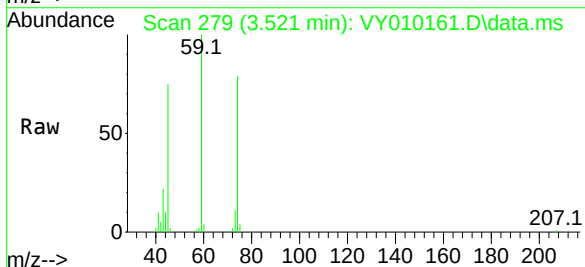
Instrument :
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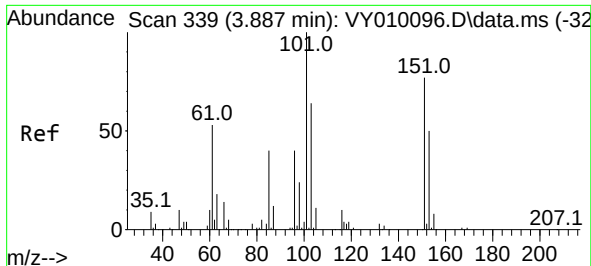
Tgt Ion:101 Resp: 60126
 Ion Ratio Lower Upper
 101 100
 103 64.2 51.1 76.7



#8
 Diethyl Ether
 Concen: 21.042 ug/l
 RT: 3.521 min Scan# 279
 Delta R.T. 0.000 min
 Lab File: VY010161.D
 Acq: 23 Aug 2022 13:37

Tgt Ion: 74 Resp: 24857
 Ion Ratio Lower Upper
 74 100
 45 94.2 46.8 140.3

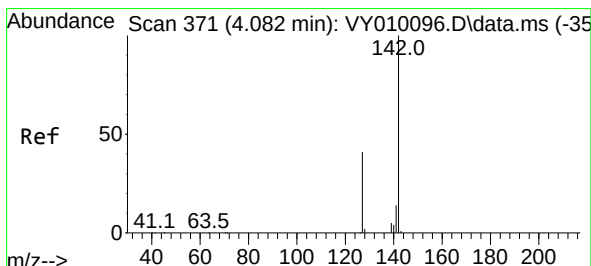
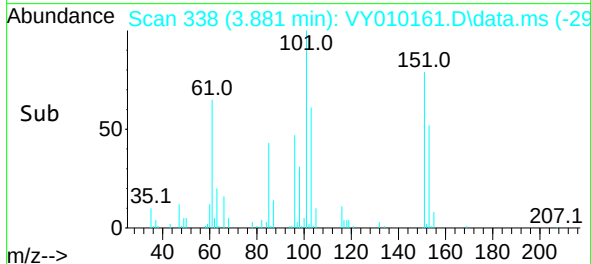
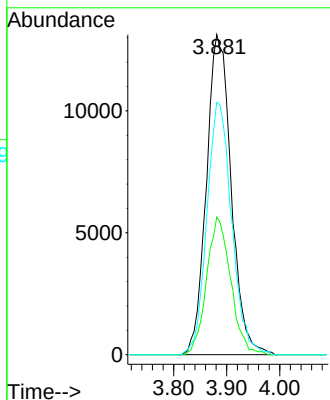
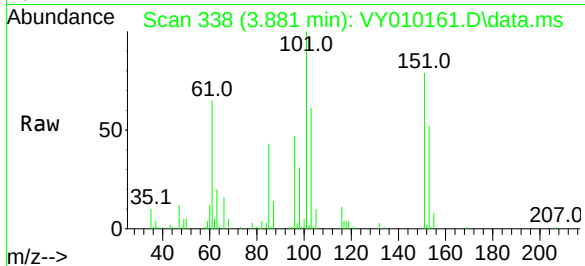




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.856 ug/l
RT: 3.881 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY010161.D
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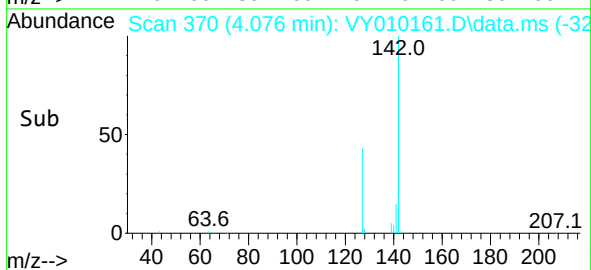
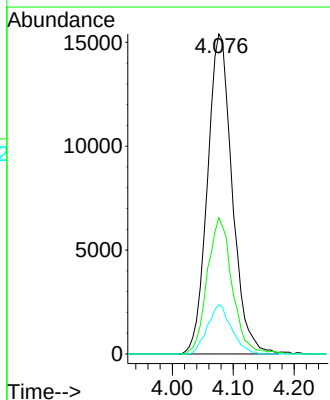
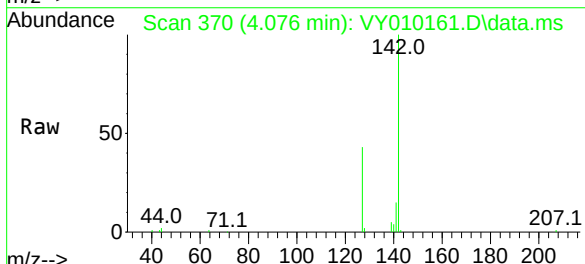
Instrument :
MSVOA_Y
ClientSampleId :
VY0823SBS01

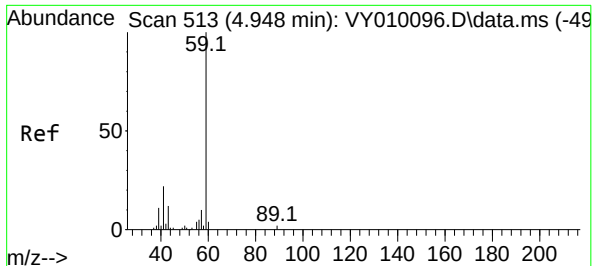
Tgt Ion:101 Resp: 42661
Ion Ratio Lower Upper
101 100
85 41.7 33.4 50.2
151 79.0 63.8 95.8



#10
Methyl Iodide
Concen: 16.405 ug/l
RT: 4.076 min Scan# 370
Delta R.T. -0.006 min
Lab File: VY010161.D
Acq: 23 Aug 2022 13:37

Tgt Ion:142 Resp: 43534
Ion Ratio Lower Upper
142 100
127 42.7 32.2 48.4
141 14.9 11.7 17.5

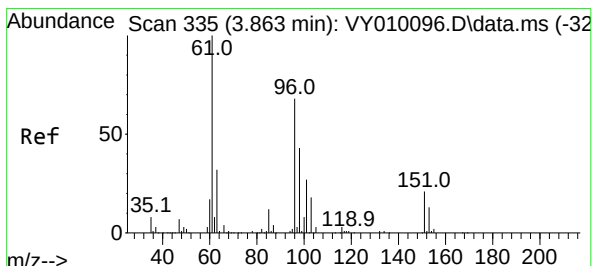
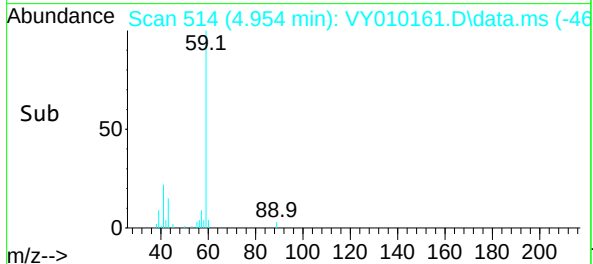
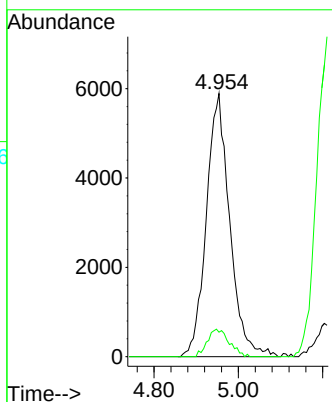
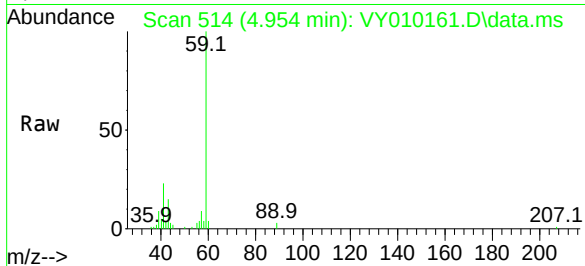




#11
Tert butyl alcohol
Concen: 125.012 ug/l
RT: 4.954 min Scan# 513
Delta R.T. 0.006 min
Lab File: VY010161.D
Acq: 23 Aug 2022 13:37

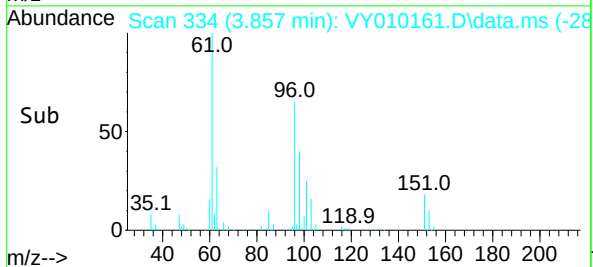
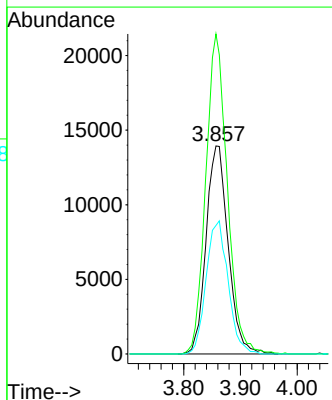
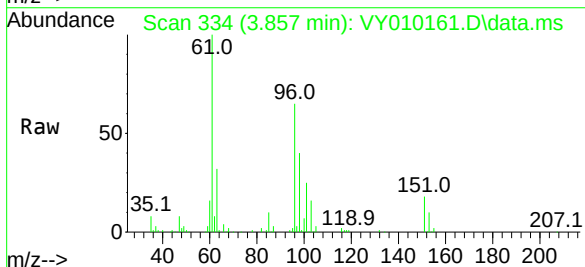
Instrument :
MSVOA_Y
ClientSampleId :
VY0823SBS01

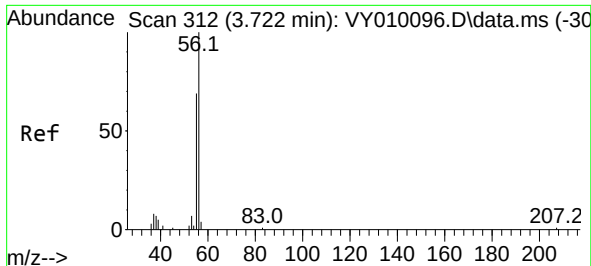
Tgt Ion: 59 Resp: 22697
Ion Ratio Lower Upper
59 100
57 9.7 8.2 12.2



#12
1,1-Dichloroethene
Concen: 18.282 ug/l
RT: 3.857 min Scan# 334
Delta R.T. -0.006 min
Lab File: VY010161.D
Acq: 23 Aug 2022 13:37

Tgt Ion: 96 Resp: 37681
Ion Ratio Lower Upper
96 100
61 153.8 118.0 177.0
98 61.8 50.6 76.0

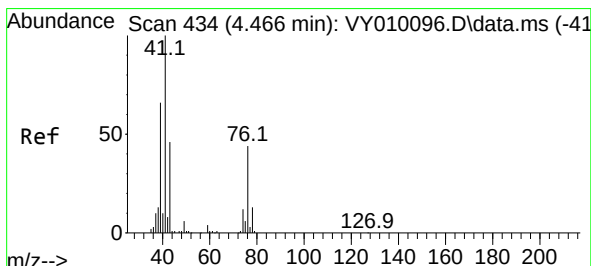
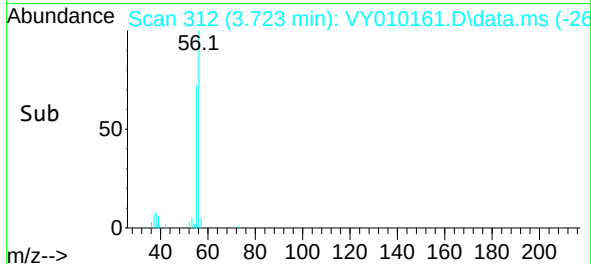
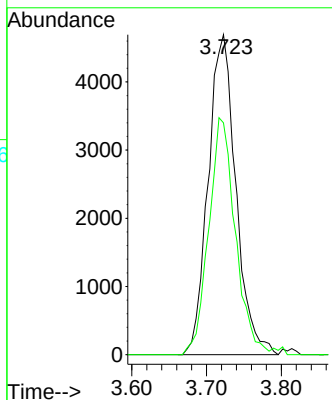
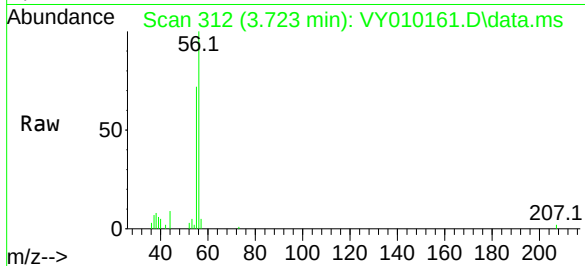




#13
Acrolein
Concen: 119.461 ug/l
RT: 3.723 min Scan# 312
Delta R.T. 0.001 min
Lab File: VY010161.D
Acq: 23 Aug 2022 13:37

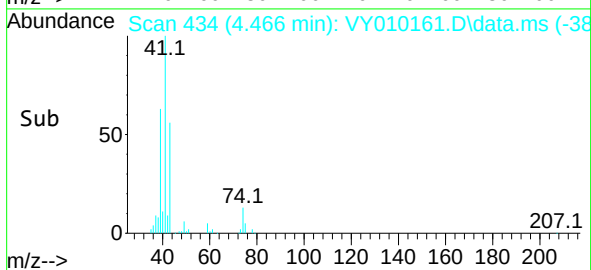
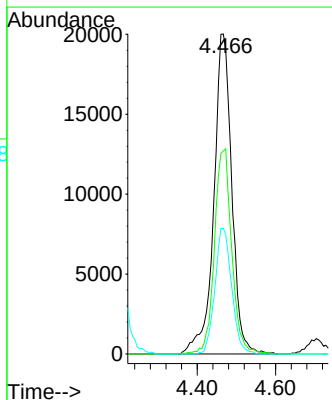
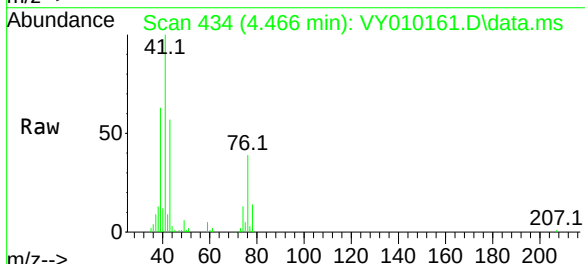
Instrument :
MSVOA_Y
ClientSampleId :
VY0823SBS01

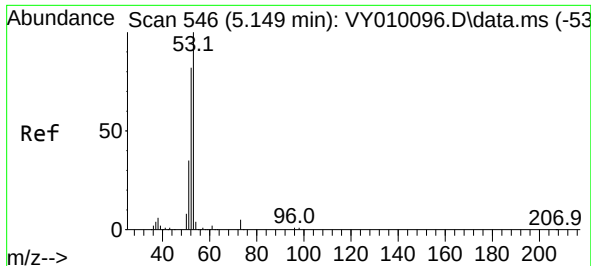
Tgt Ion: 56 Resp: 12088
Ion Ratio Lower Upper
56 100
55 71.0 57.5 86.3



#14
Allyl chloride
Concen: 21.006 ug/l
RT: 4.466 min Scan# 434
Delta R.T. 0.000 min
Lab File: VY010161.D
Acq: 23 Aug 2022 13:37

Tgt Ion: 41 Resp: 64033
Ion Ratio Lower Upper
41 100
39 61.6 49.8 74.6
76 36.4 32.6 48.8

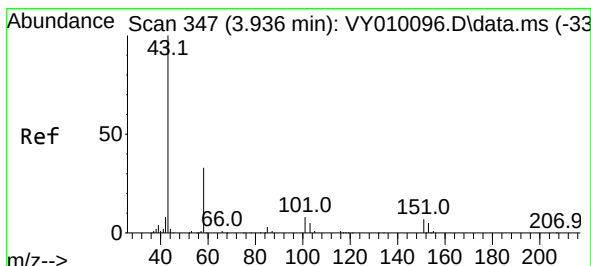
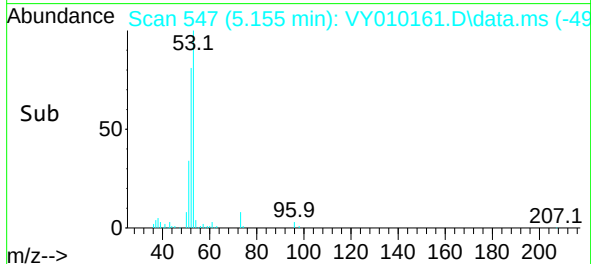
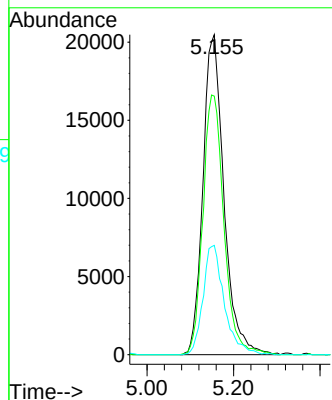
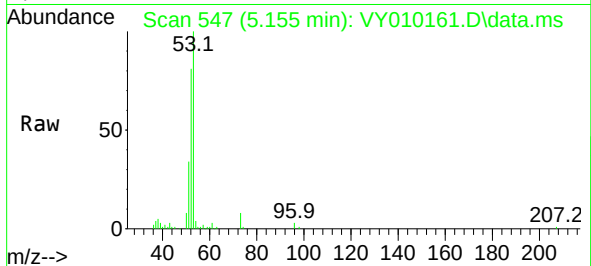




#15
Acrylonitrile
Concen: 121.401 ug/l
RT: 5.155 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY010161.D
Acq: 23 Aug 2022 13:37

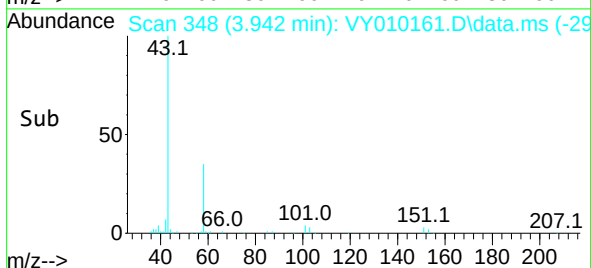
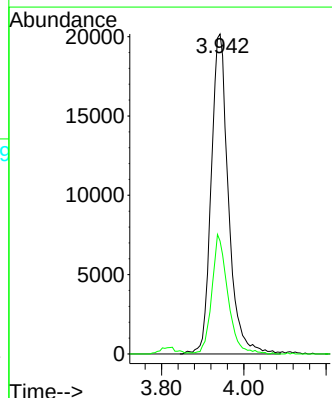
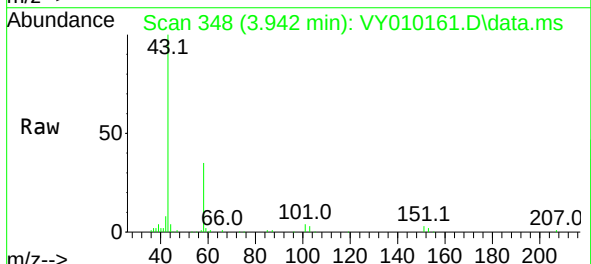
Instrument :
MSVOA_Y
ClientSampleId :
VY0823SBS01

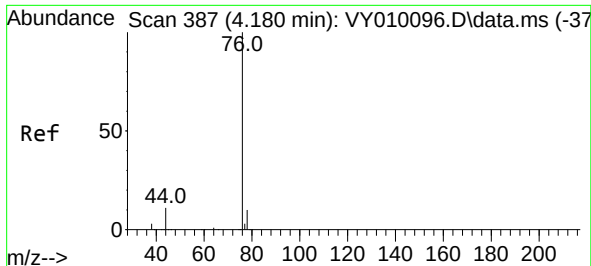
Tgt Ion: 53 Resp: 68941
Ion Ratio Lower Upper
53 100
52 81.2 64.6 96.8
51 34.7 28.3 42.5



#16
Acetone
Concen: 128.233 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY010161.D
Acq: 23 Aug 2022 13:37

Tgt Ion: 43 Resp: 58773
Ion Ratio Lower Upper
43 100
58 35.3 27.4 41.0

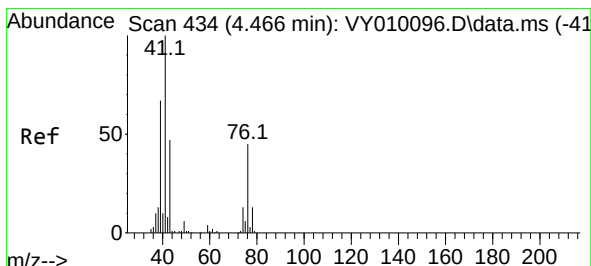
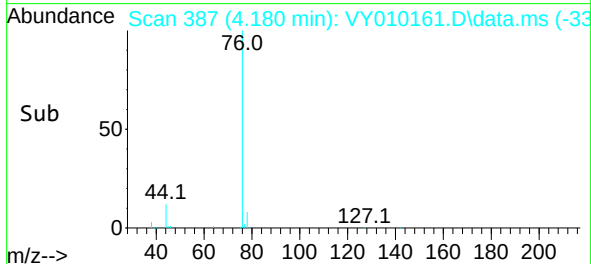
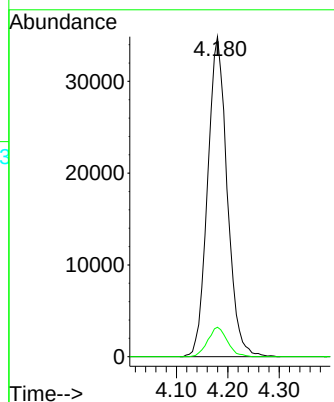
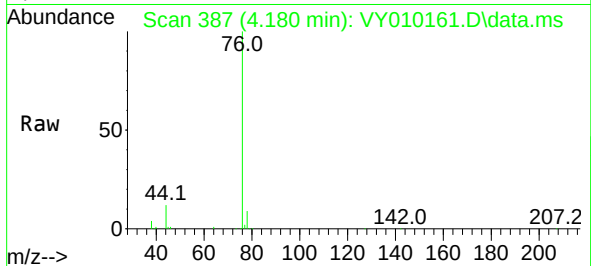




#17
Carbon Disulfide
Concen: 14.100 ug/l
RT: 4.180 min Scan# 387
Delta R.T. -0.000 min
Lab File: VY010161.D
Acq: 23 Aug 2022 13:37

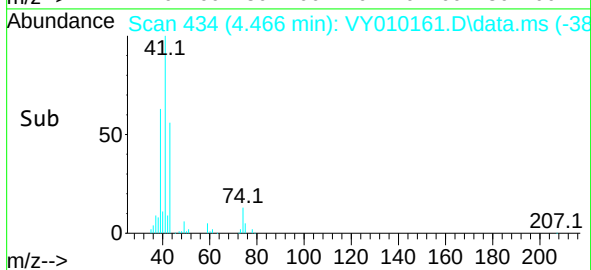
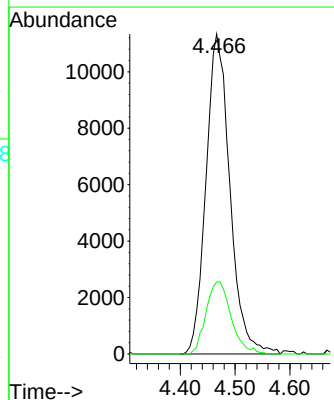
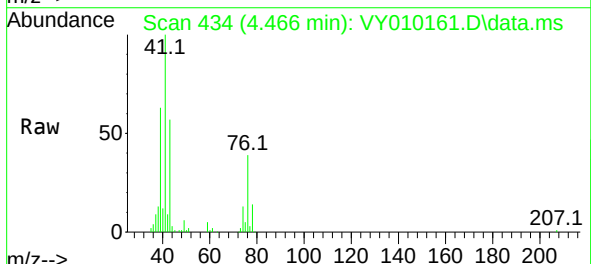
Instrument :
MSVOA_Y
ClientSampleId :
VY0823SBS01

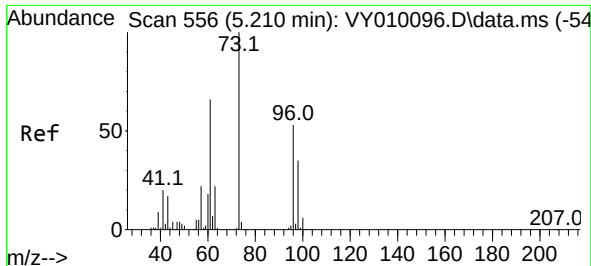
Tgt Ion: 76 Resp: 92221
Ion Ratio Lower Upper
76 100
78 9.2 7.7 11.5



#18
Methyl Acetate
Concen: 24.413 ug/l
RT: 4.466 min Scan# 434
Delta R.T. 0.000 min
Lab File: VY010161.D
Acq: 23 Aug 2022 13:37

Tgt Ion: 43 Resp: 34282
Ion Ratio Lower Upper
43 100
74 23.7 20.2 30.4

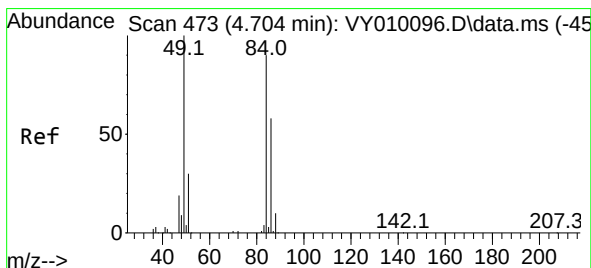
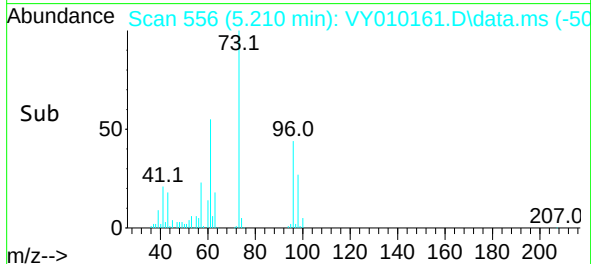
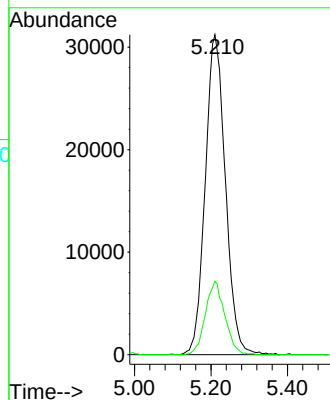
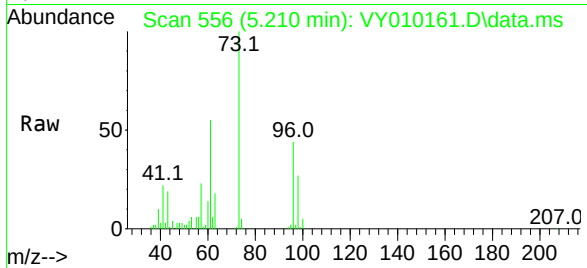




#19
Methyl tert-butyl Ether
Concen: 22.371 ug/l
RT: 5.210 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY010161.D
Acq: 23 Aug 2022 13:37

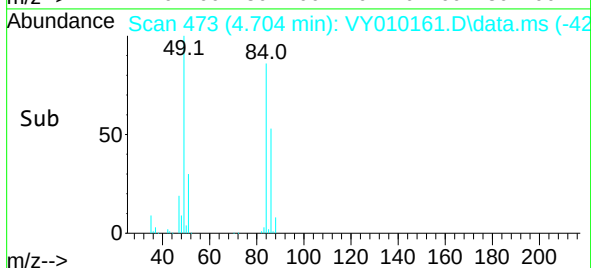
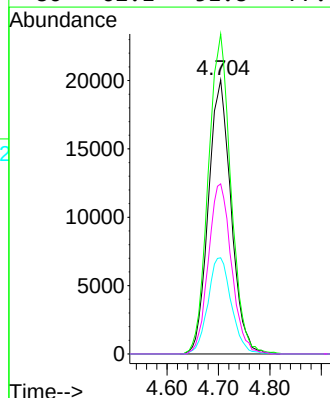
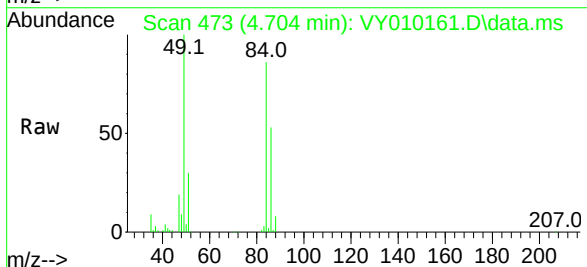
Instrument :
MSVOA_Y
ClientSampleId :
VY0823SBS01

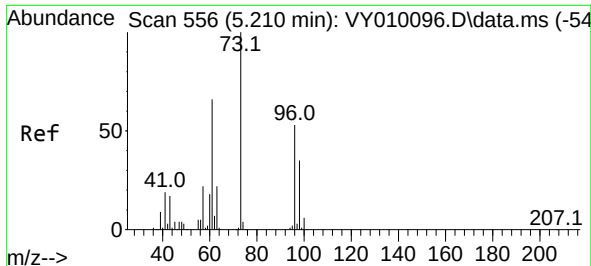
Tgt Ion: 73 Resp: 114254
Ion Ratio Lower Upper
73 100
57 22.9 17.8 26.8



#20
Methylene Chloride
Concen: 18.445 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.000 min
Lab File: VY010161.D
Acq: 23 Aug 2022 13:37

Tgt Ion: 84 Resp: 61426
Ion Ratio Lower Upper
84 100
49 116.8 89.0 133.4
51 35.1 27.0 40.6
86 62.1 51.8 77.6

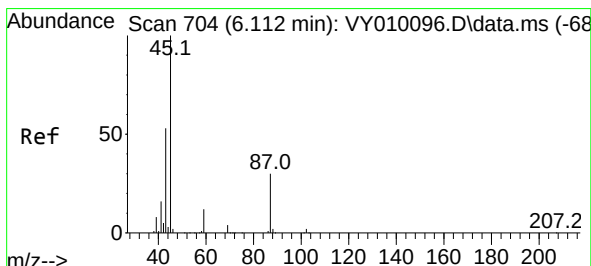
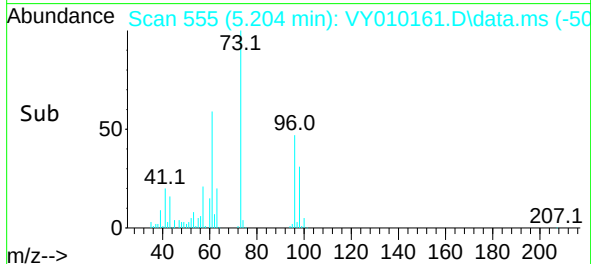
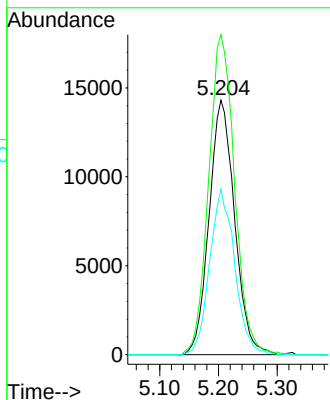
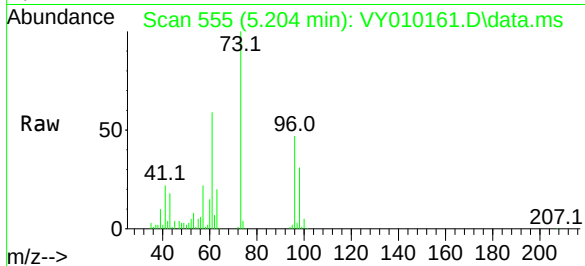




#21
trans-1,2-Dichloroethene
Concen: 18.490 ug/l
RT: 5.204 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY010161.D
Acq: 23 Aug 2022 13:37

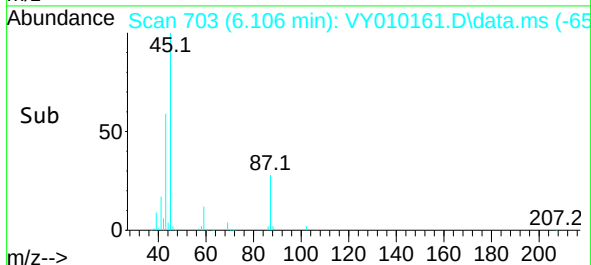
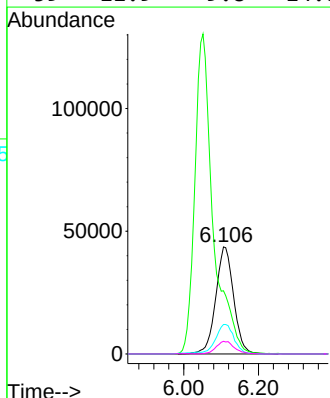
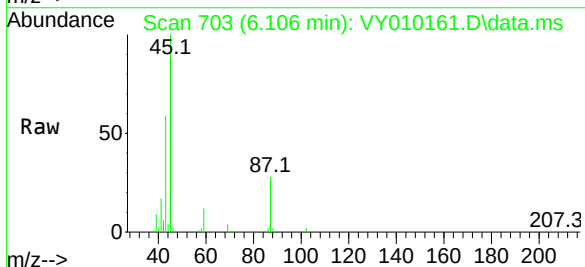
Instrument :
MSVOA_Y
ClientSampleId :
VY0823SBS01

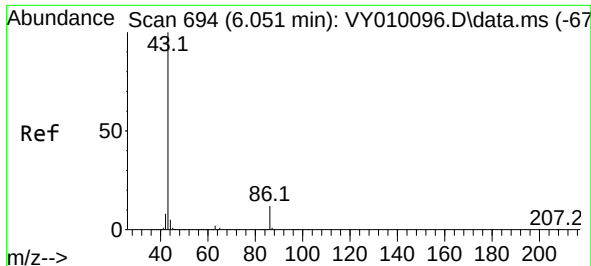
Tgt Ion: 96 Resp: 43209
Ion Ratio Lower Upper
96 100
61 125.8 100.3 150.5
98 65.0 52.6 78.8



#22
Diisopropyl ether
Concen: 22.688 ug/l
RT: 6.106 min Scan# 703
Delta R.T. -0.006 min
Lab File: VY010161.D
Acq: 23 Aug 2022 13:37

Tgt Ion: 45 Resp: 145269
Ion Ratio Lower Upper
45 100
43 58.8 42.4 63.6
87 27.6 24.1 36.1
59 11.9 9.8 14.8

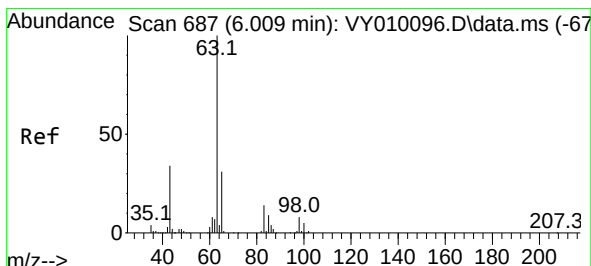
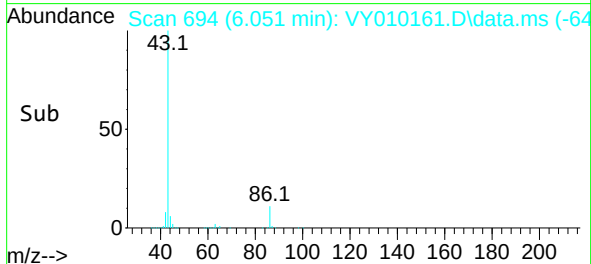
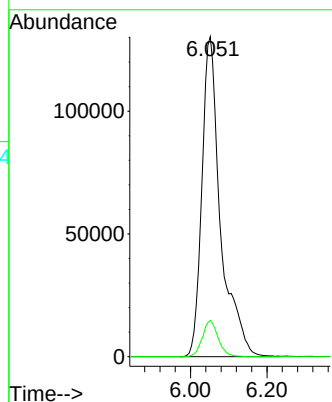
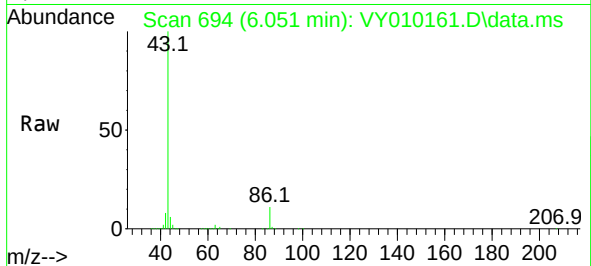




#23
 Vinyl Acetate
 Concen: 113.670 ug/l
 RT: 6.051 min Scan# 694
 Delta R.T. 0.000 min
 Lab File: VY010161.D
 Acq: 23 Aug 2022 13:37

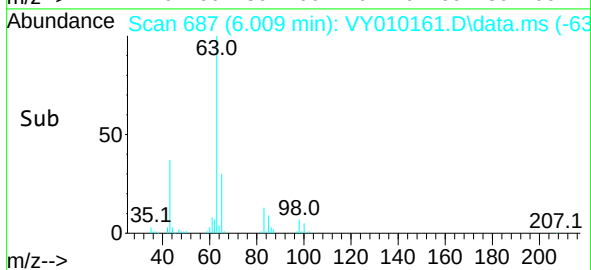
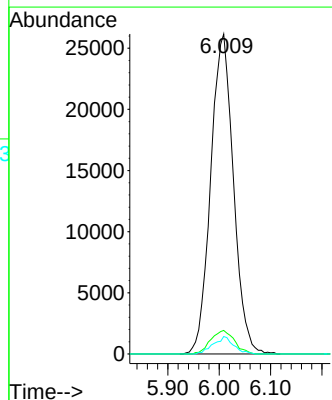
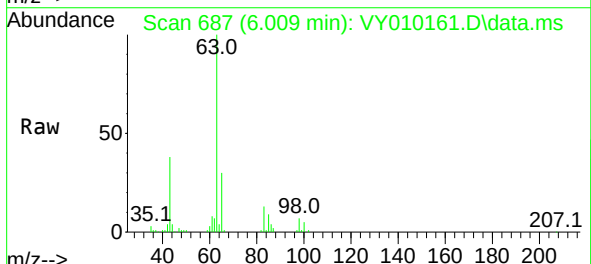
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0823SBS01

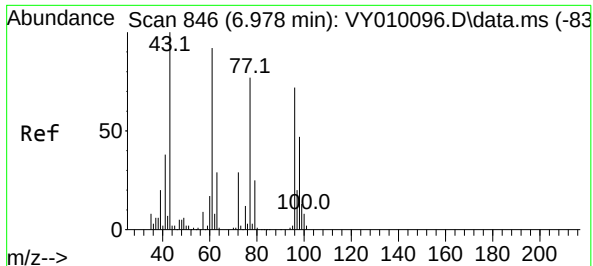
Tgt Ion: 43 Resp: 441691
 Ion Ratio Lower Upper
 43 100
 86 11.4 9.4 14.2



#24
 1,1-Dichloroethane
 Concen: 20.847 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.000 min
 Lab File: VY010161.D
 Acq: 23 Aug 2022 13:37

Tgt Ion: 63 Resp: 80436
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.9 11.7
 100 5.4 2.5 7.4





#25

2-Butanone

Concen: 121.793 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY010161.D

Acq: 23 Aug 2022 13:37

Instrument :

MSVOA_Y

ClientSampleId :

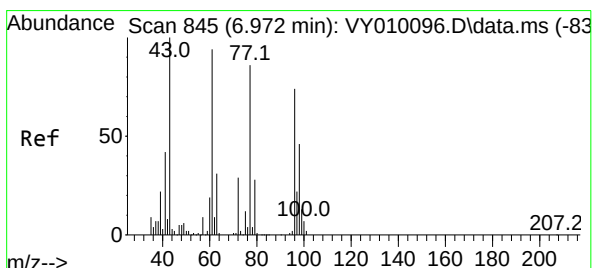
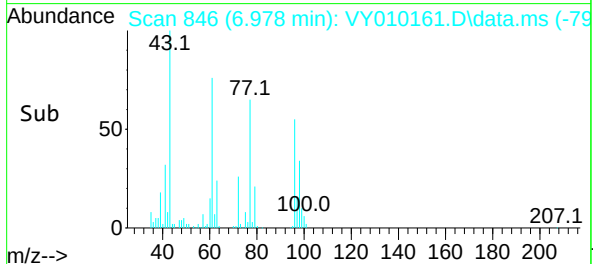
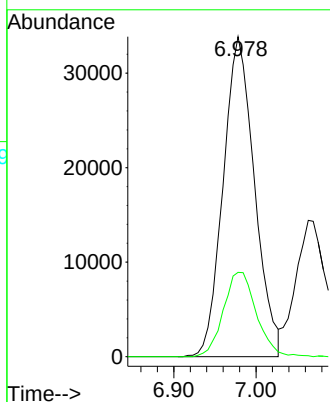
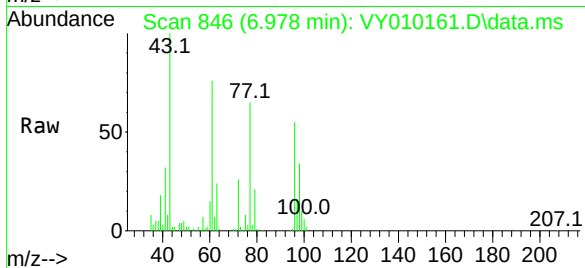
VY0823SBS01

Tgt Ion: 43 Resp: 89793

Ion Ratio Lower Upper

43 100

72 26.3 23.2 34.8



#26

2,2-Dichloropropane

Concen: 20.315 ug/l

RT: 6.972 min Scan# 845

Delta R.T. 0.000 min

Lab File: VY010161.D

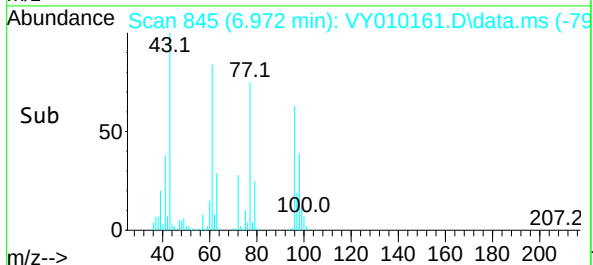
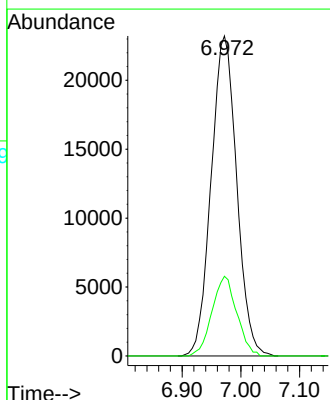
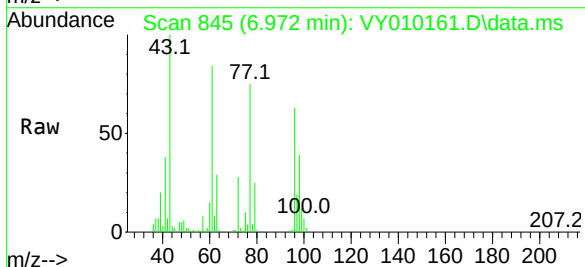
Acq: 23 Aug 2022 13:37

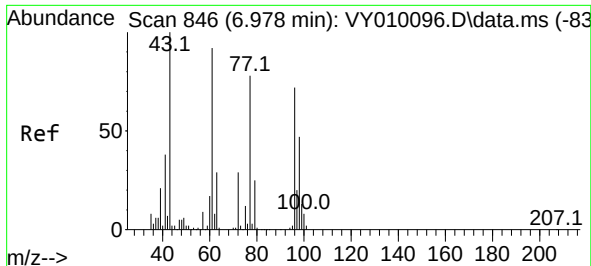
Tgt Ion: 77 Resp: 70143

Ion Ratio Lower Upper

77 100

97 24.1 12.4 37.4





#27

cis-1,2-Dichloroethene

Concen: 19.870 ug/l

RT: 6.972 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY010161.D

Acq: 23 Aug 2022 13:37

Instrument :

MSVOA_Y

ClientSampleId :

VY0823SBS01

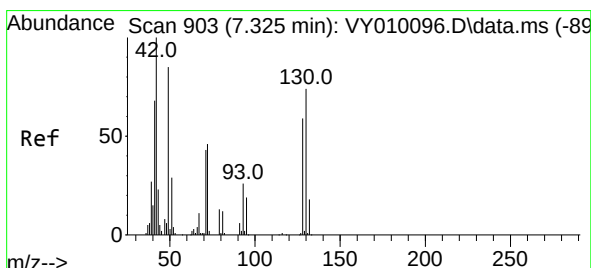
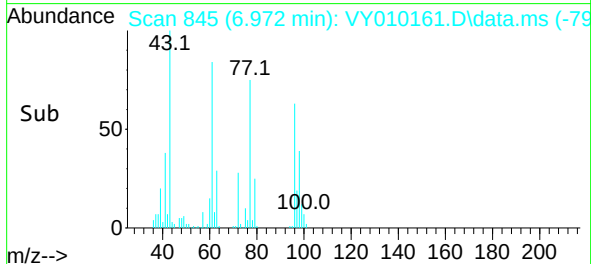
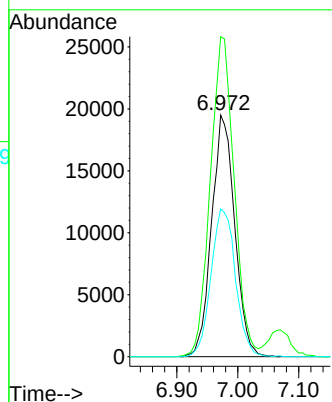
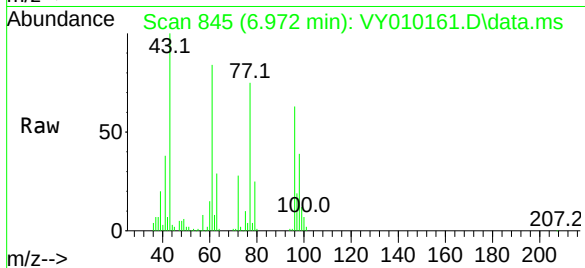
Tgt Ion: 96 Resp: 51372

Ion Ratio Lower Upper

96 100

61 136.8 0.0 258.8

98 64.8 0.0 128.6



#28

Bromochloromethane

Concen: 19.561 ug/l

RT: 7.326 min Scan# 903

Delta R.T. 0.001 min

Lab File: VY010161.D

Acq: 23 Aug 2022 13:37

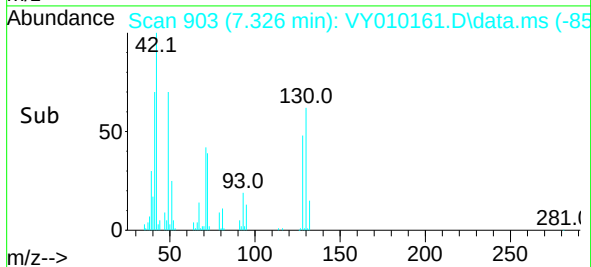
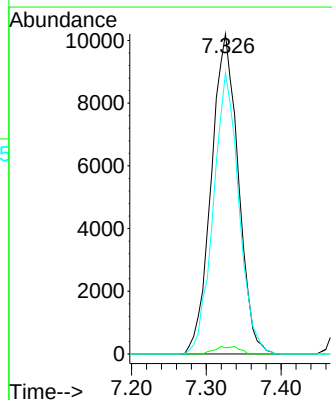
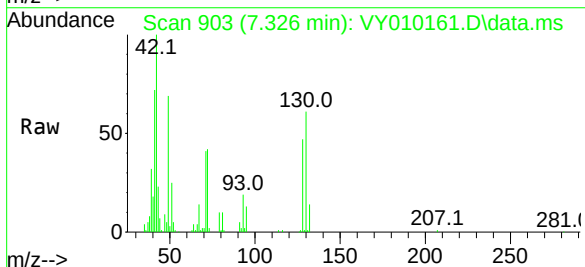
Tgt Ion: 49 Resp: 25647

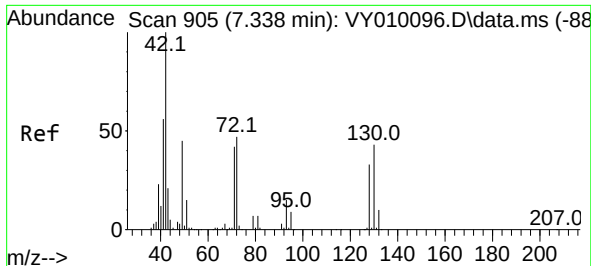
Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.8

130 83.1 70.4 105.6





#29

Tetrahydrofuran

Concen: 120.432 ug/l

RT: 7.338 min Scan# 905

Delta R.T. -0.000 min

Lab File: VY010161.D

Acq: 23 Aug 2022 13:37

Instrument :

MSVOA_Y

ClientSampleId :

VY0823SBS01

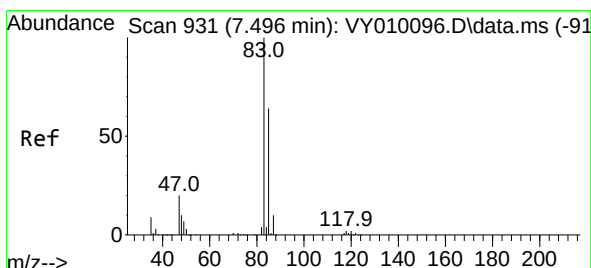
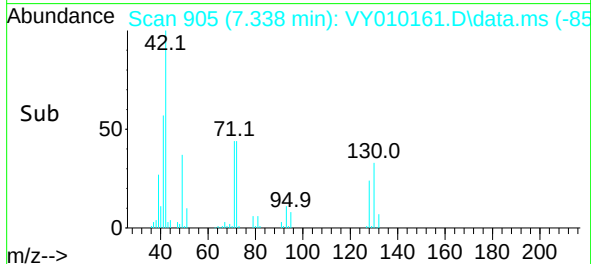
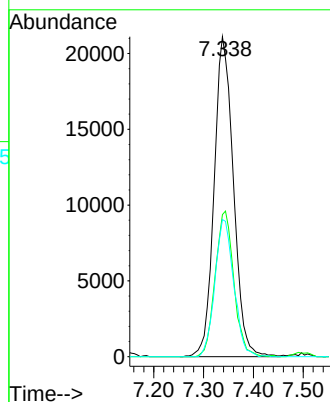
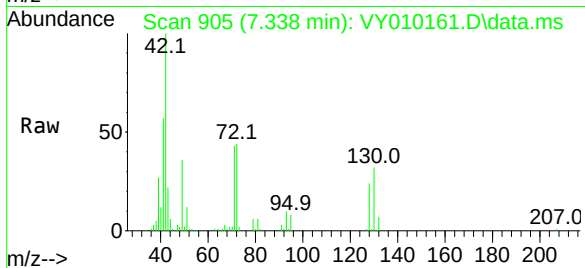
Tgt Ion: 42 Resp: 56781

Ion Ratio Lower Upper

42 100

72 43.9 37.4 56.0

71 41.8 34.9 52.3



#30

Chloroform

Concen: 20.983 ug/l

RT: 7.496 min Scan# 931

Delta R.T. 0.000 min

Lab File: VY010161.D

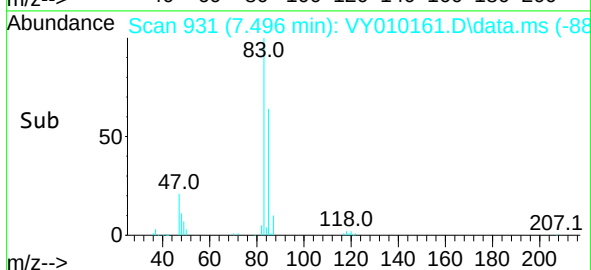
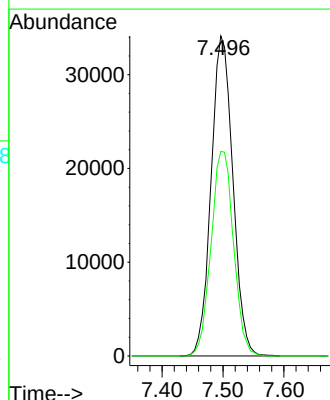
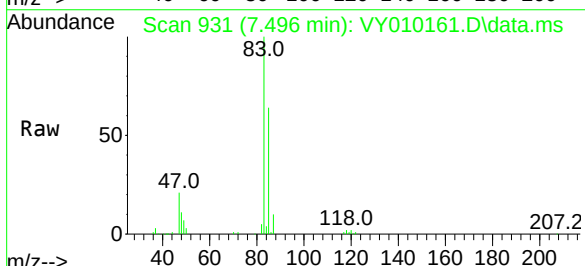
Acq: 23 Aug 2022 13:37

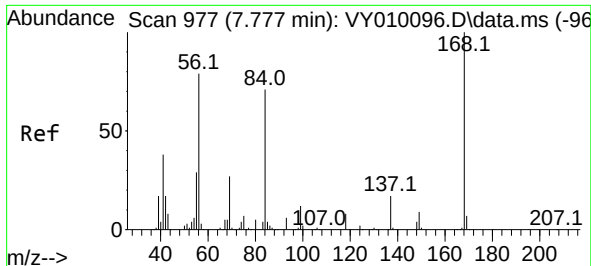
Tgt Ion: 83 Resp: 84665

Ion Ratio Lower Upper

83 100

85 63.9 50.8 76.2

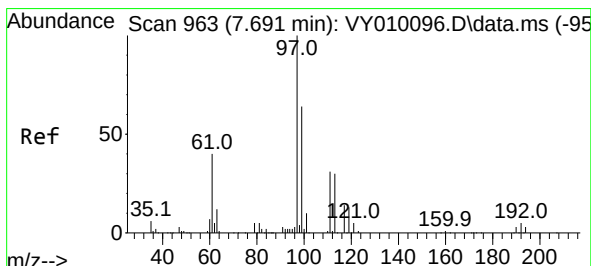
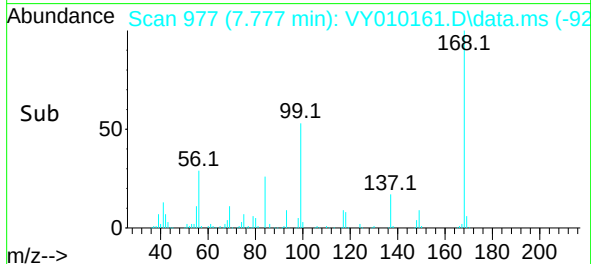
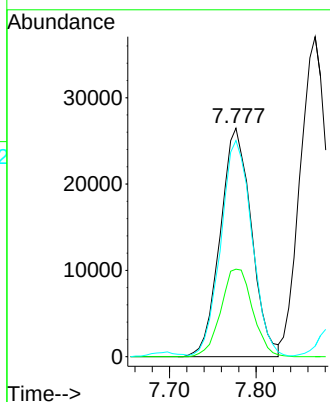
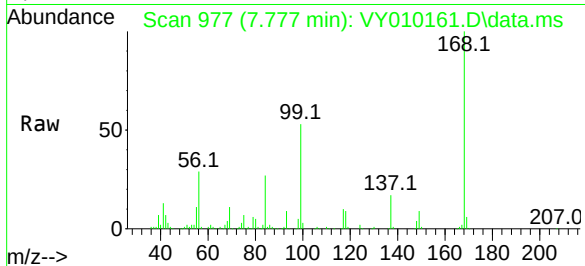




#31
Cyclohexane
Concen: 17.696 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010161.D
Acq: 23 Aug 2022 13:37

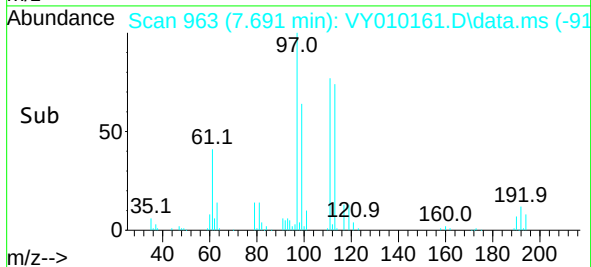
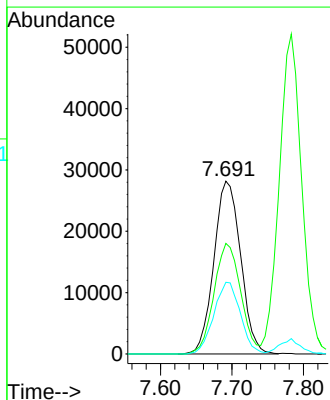
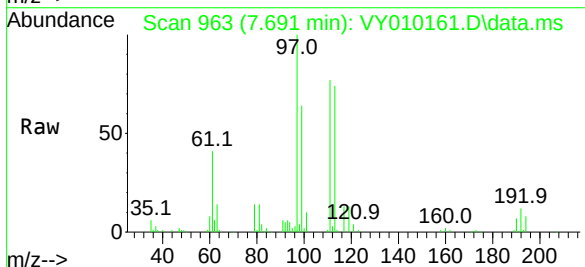
Instrument :
MSVOA_Y
ClientSampleId :
VY0823SBS01

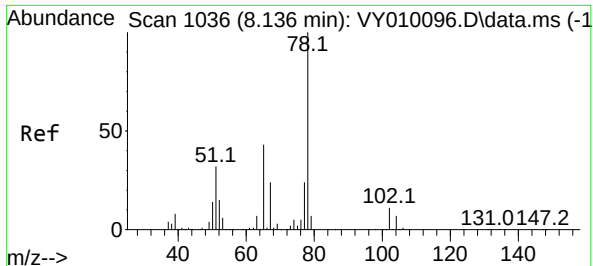
Tgt Ion: 56 Resp: 66393
Ion Ratio Lower Upper
56 100
69 38.3 27.3 40.9
84 93.5 72.6 109.0



#32
1,1,1-Trichloroethane
Concen: 20.818 ug/l
RT: 7.691 min Scan# 963
Delta R.T. 0.000 min
Lab File: VY010161.D
Acq: 23 Aug 2022 13:37

Tgt Ion: 97 Resp: 73230
Ion Ratio Lower Upper
97 100
99 64.1 51.7 77.5
61 41.0 31.8 47.8





#33

1,2-Dichloroethane-d4

Concen: 51.132 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY010161.D

Acq: 23 Aug 2022 13:37

Instrument :

MSVOA_Y

ClientSampleId :

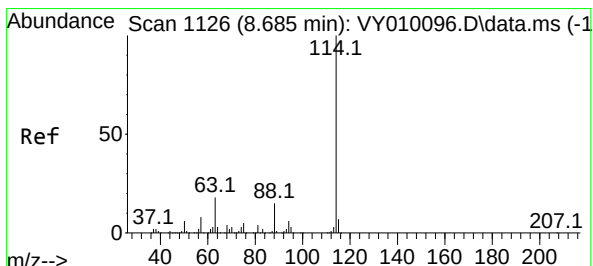
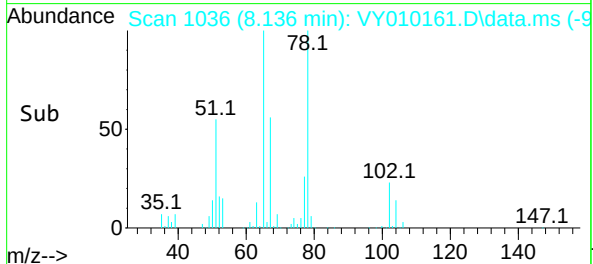
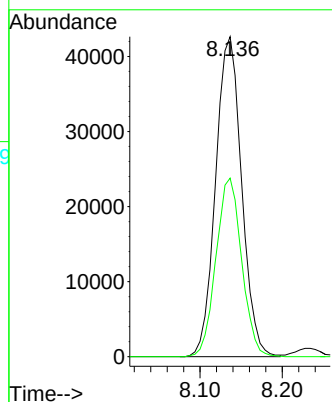
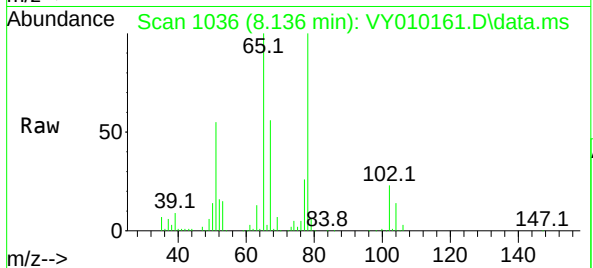
VY0823SBS01

Tgt Ion: 65 Resp: 93636

Ion Ratio Lower Upper

65 100

67 55.1 0.0 110.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY010161.D

Acq: 23 Aug 2022 13:37

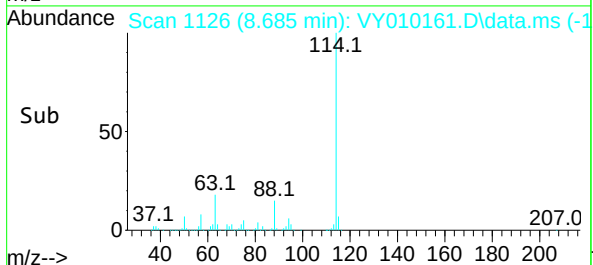
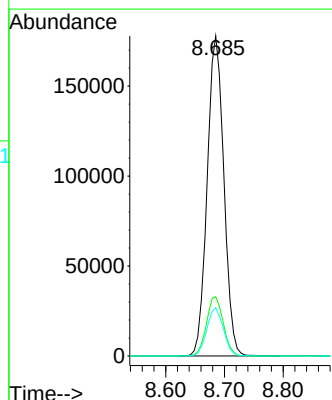
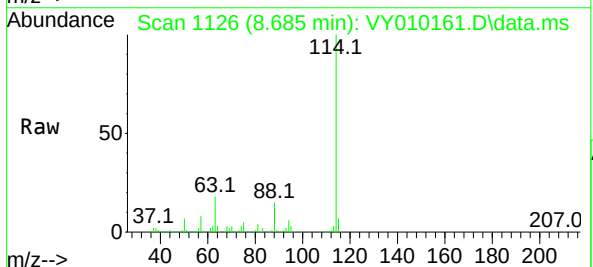
Tgt Ion: 114 Resp: 349938

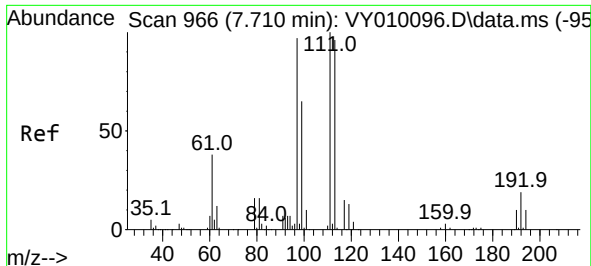
Ion Ratio Lower Upper

114 100

63 18.5 0.0 35.6

88 15.0 0.0 29.6

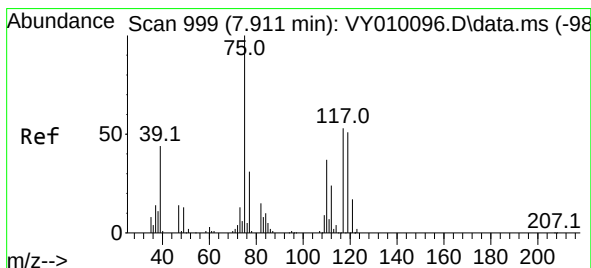
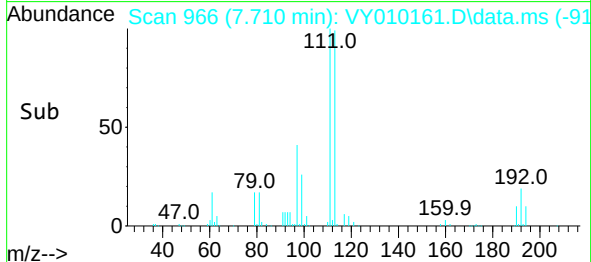
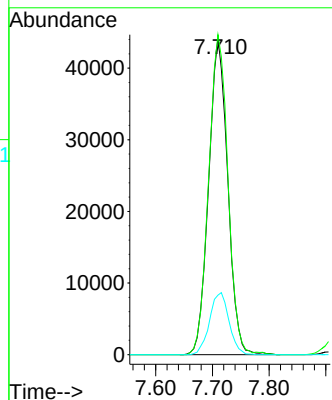
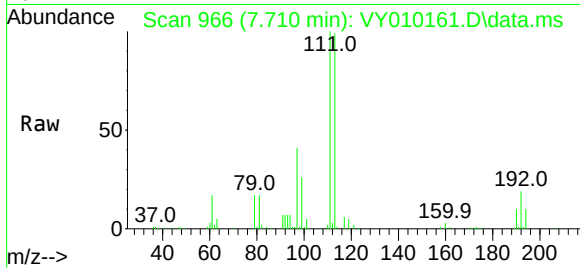




#35
Dibromofluoromethane
Concen: 52.228 ug/l
RT: 7.710 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY010161.D
Acq: 23 Aug 2022 13:37

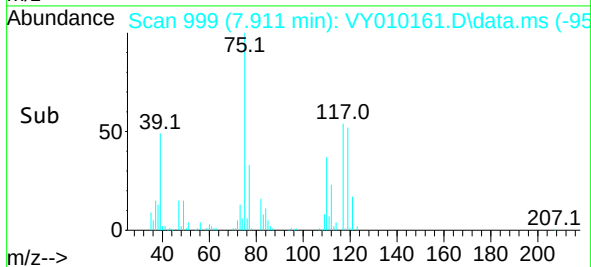
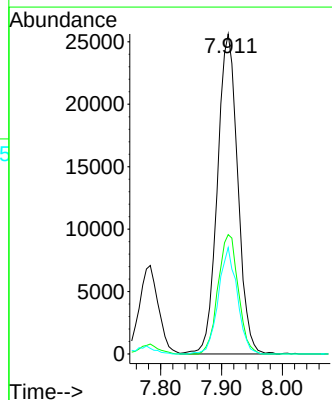
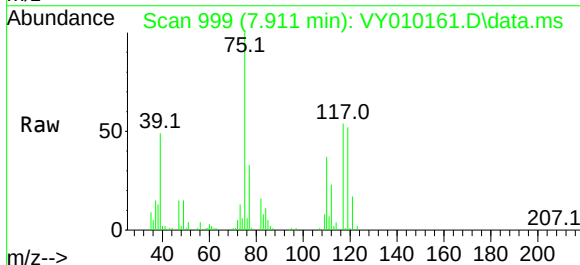
Instrument :
MSVOA_Y
ClientSampleId :
VY0823SBS01

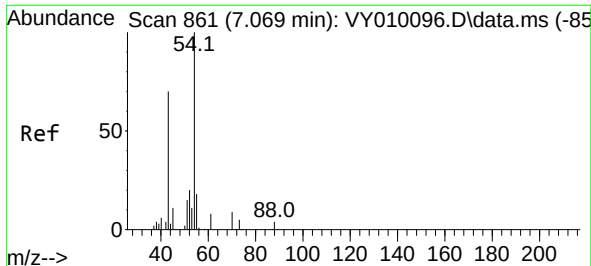
Tgt Ion:113 Resp: 102986
Ion Ratio Lower Upper
113 100
111 102.6 82.8 124.2
192 20.1 16.3 24.5



#36
1,1-Dichloropropene
Concen: 18.880 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.000 min
Lab File: VY010161.D
Acq: 23 Aug 2022 13:37

Tgt Ion: 75 Resp: 59424
Ion Ratio Lower Upper
75 100
110 37.1 18.6 56.0
77 30.9 24.9 37.3





#37

Ethyl Acetate

Concen: 24.277 ug/l

RT: 7.063 min Scan# 861

Delta R.T. -0.006 min

Lab File: VY010161.D

Acq: 23 Aug 2022 13:37

Instrument :

MSVOA_Y

ClientSampleId :

VY0823SBS01

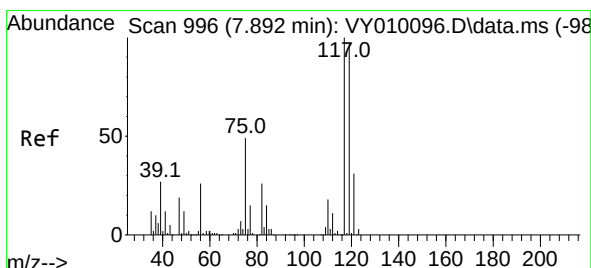
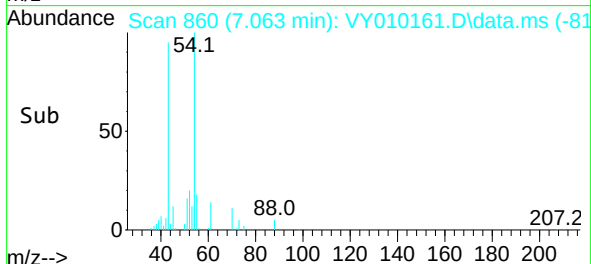
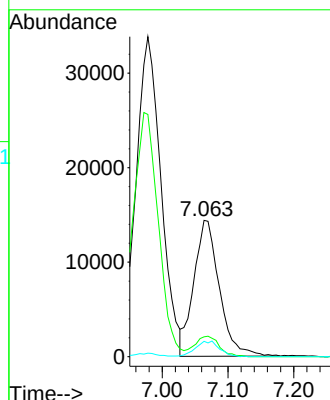
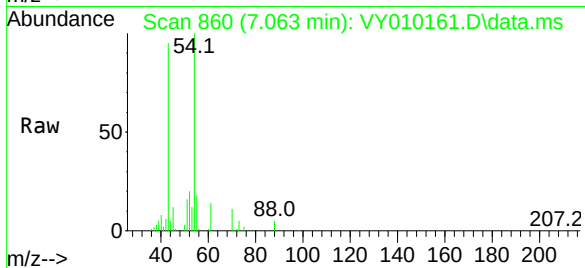
Tgt Ion: 43 Resp: 38793

Ion Ratio Lower Upper

43 100

61 14.6 11.7 17.5

70 10.7 9.0 13.4



#38

Carbon Tetrachloride

Concen: 19.749 ug/l

RT: 7.893 min Scan# 996

Delta R.T. 0.001 min

Lab File: VY010161.D

Acq: 23 Aug 2022 13:37

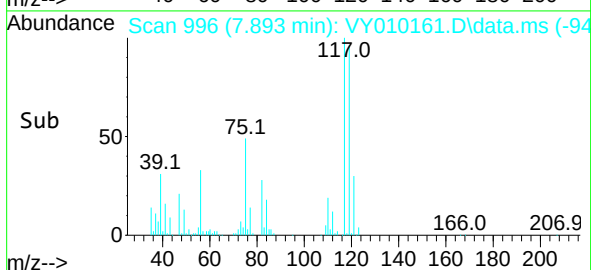
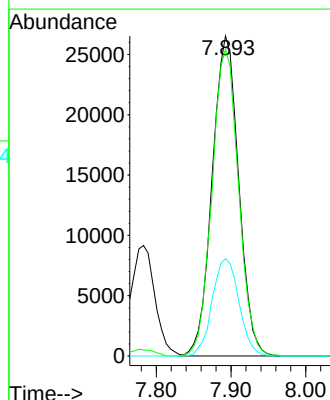
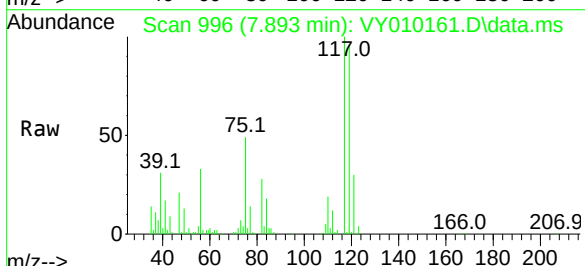
Tgt Ion: 117 Resp: 65189

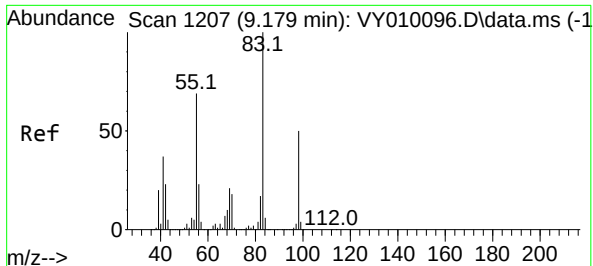
Ion Ratio Lower Upper

117 100

119 95.9 77.1 115.7

121 30.4 24.7 37.1





#39

Methylcyclohexane

Concen: 17.462 ug/l

RT: 9.179 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY010161.D

Acq: 23 Aug 2022 13:37

Instrument :

MSVOA_Y

ClientSampleId :

VY0823SBS01

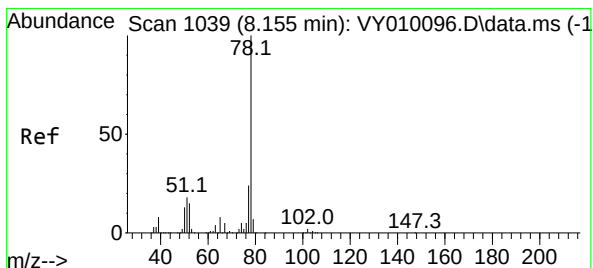
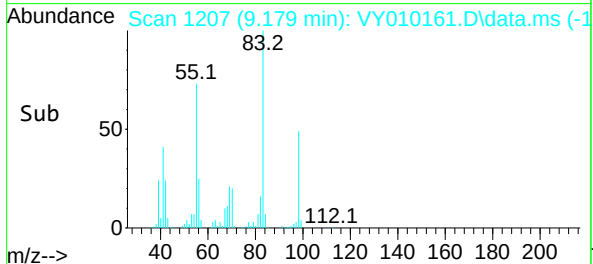
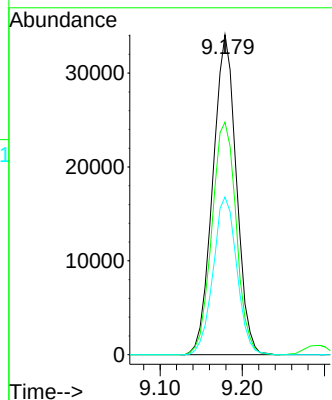
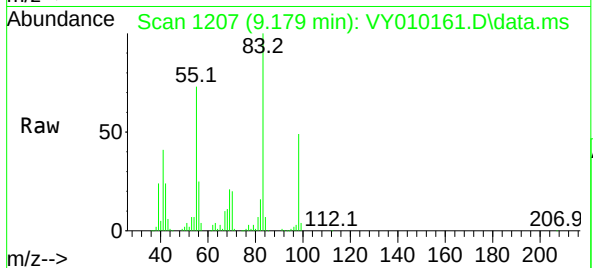
Tgt Ion: 83 Resp: 67773

Ion Ratio Lower Upper

83 100

55 72.7 55.6 83.4

98 49.3 39.8 59.8



#40

Benzene

Concen: 19.777 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.000 min

Lab File: VY010161.D

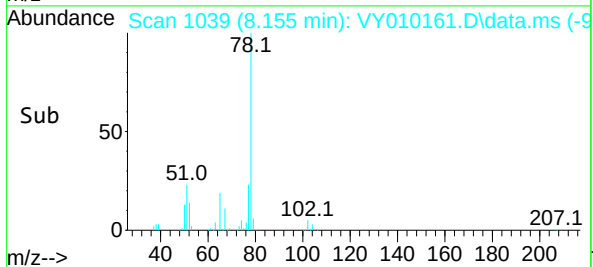
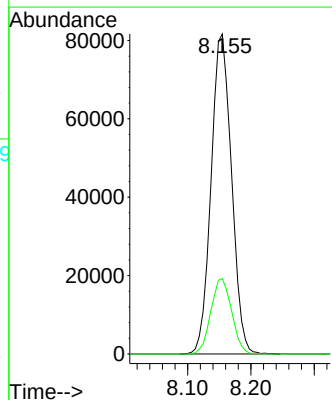
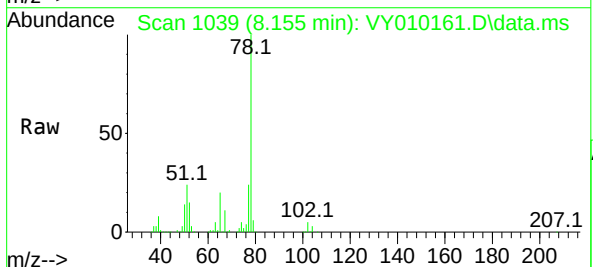
Acq: 23 Aug 2022 13:37

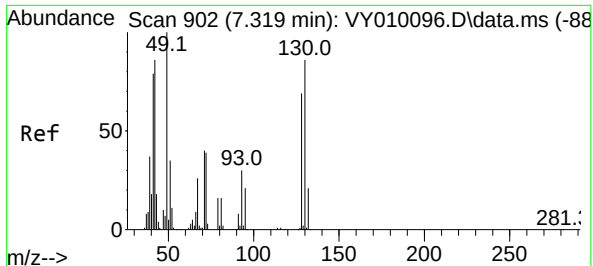
Tgt Ion: 78 Resp: 183096

Ion Ratio Lower Upper

78 100

77 23.5 19.5 29.3

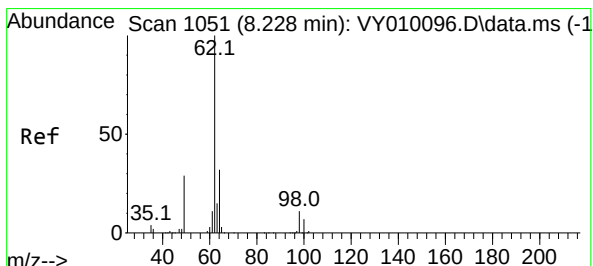
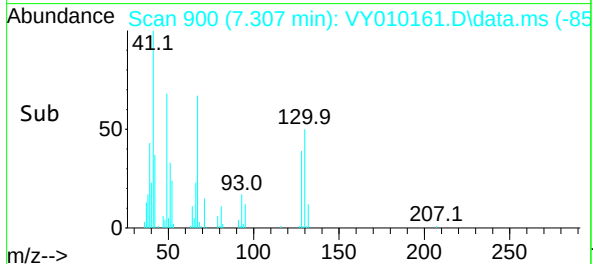
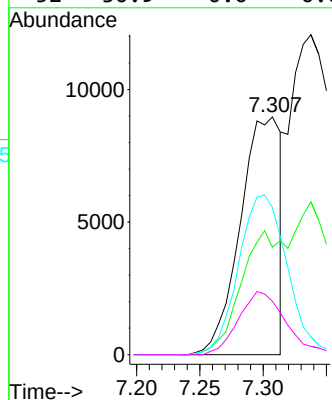
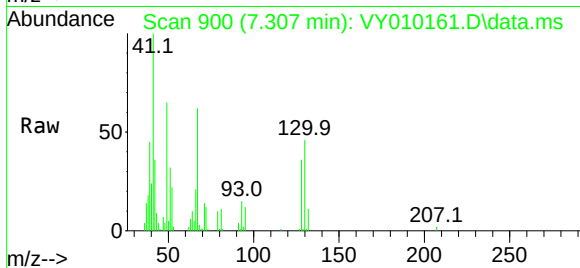




#41
Methacrylonitrile
Concen: 21.894 ug/l
RT: 7.307 min Scan# 90
Delta R.T. -0.012 min
Lab File: VY010161.D
Acq: 23 Aug 2022 13:37

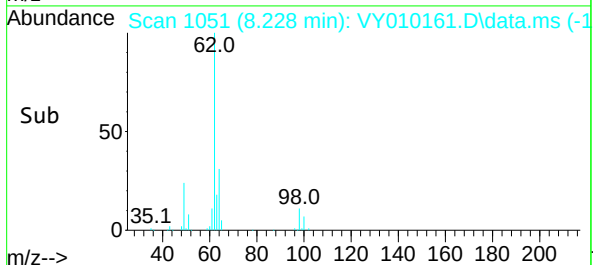
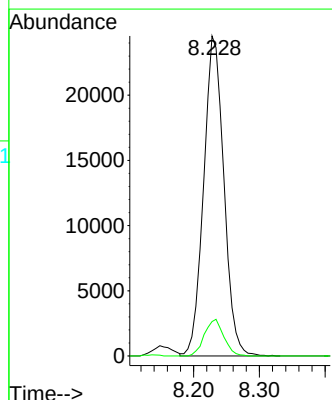
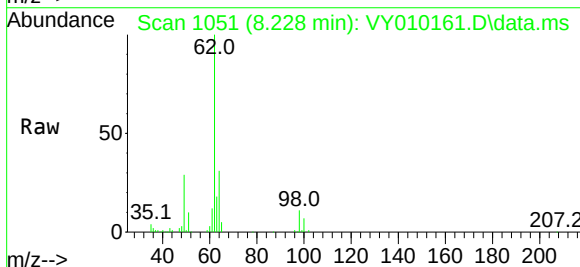
Instrument :
MSVOA_Y
ClientSampleId :
VY0823SBS01

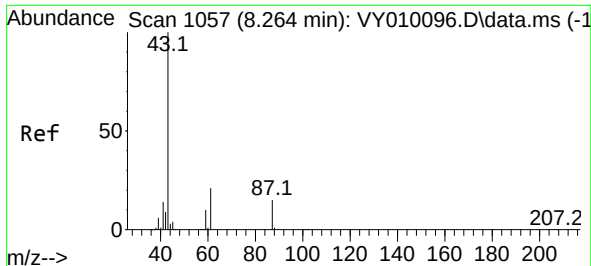
Tgt Ion: 41 Resp: 20055
Ion Ratio Lower Upper
41 100
39 57.3 0.0 0.0#
67 80.5 0.0 0.0#
52 30.9 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 22.136 ug/l
RT: 8.228 min Scan# 1051
Delta R.T. -0.000 min
Lab File: VY010161.D
Acq: 23 Aug 2022 13:37

Tgt Ion: 62 Resp: 52560
Ion Ratio Lower Upper
62 100
98 11.0 0.0 22.0





#43

Isopropyl Acetate

Concen: 23.399 ug/l

RT: 8.271 min Scan# 1105

Delta R.T. 0.007 min

Lab File: VY010161.D

Acq: 23 Aug 2022 13:37

Instrument :

MSVOA_Y

ClientSampleId :

VY0823SBS01

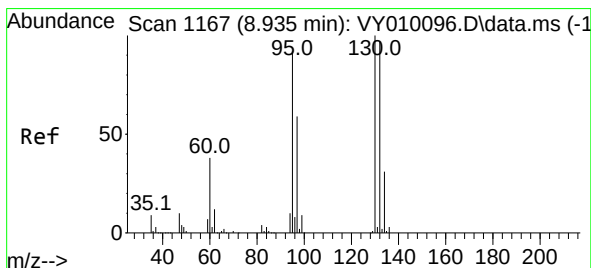
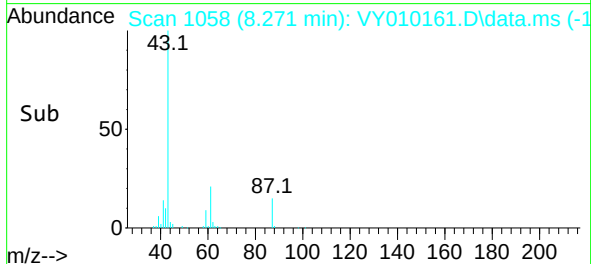
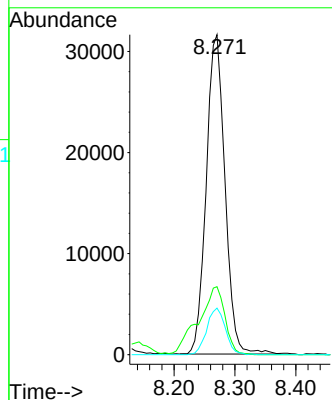
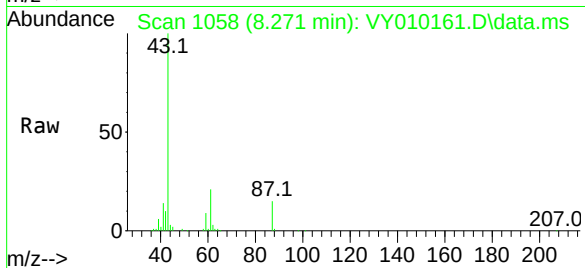
Tgt Ion: 43 Resp: 67501

Ion Ratio Lower Upper

43 100

61 30.2 25.0 37.4

87 14.6 11.9 17.9



#44

Trichloroethene

Concen: 19.391 ug/l

RT: 8.935 min Scan# 1167

Delta R.T. 0.000 min

Lab File: VY010161.D

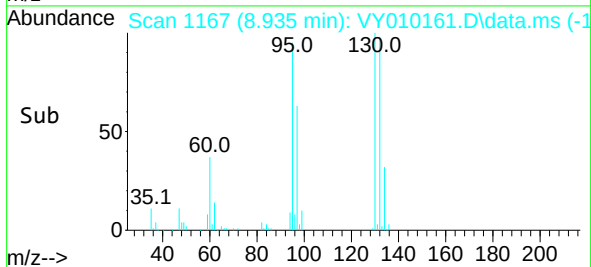
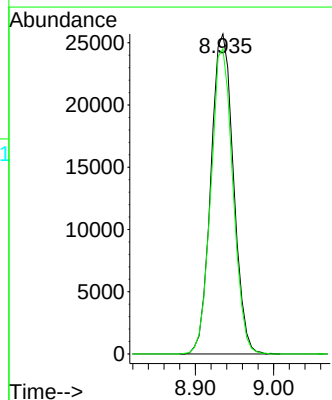
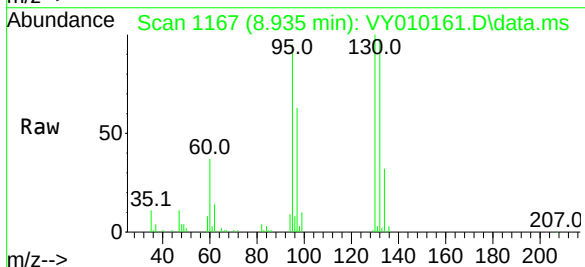
Acq: 23 Aug 2022 13:37

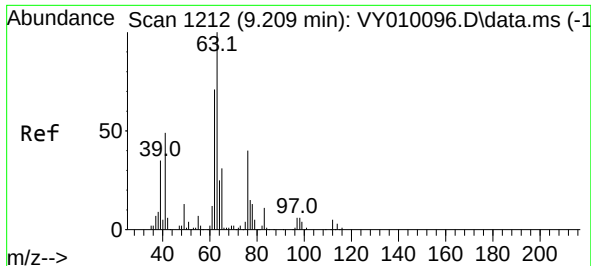
Tgt Ion:130 Resp: 51458

Ion Ratio Lower Upper

130 100

95 95.4 0.0 183.8





#45

1,2-Dichloropropane

Concen: 21.429 ug/l

RT: 9.209 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VY010161.D

Acq: 23 Aug 2022 13:37

Instrument :

MSVOA_Y

ClientSampleId :

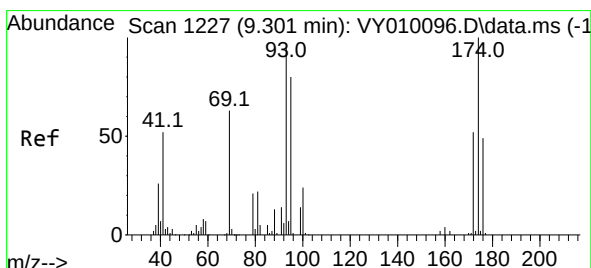
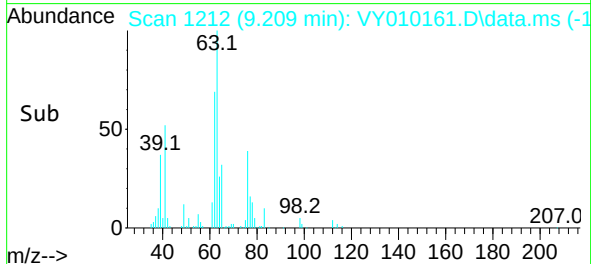
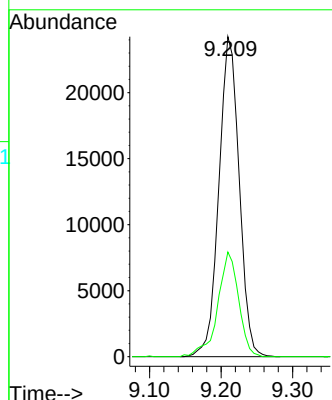
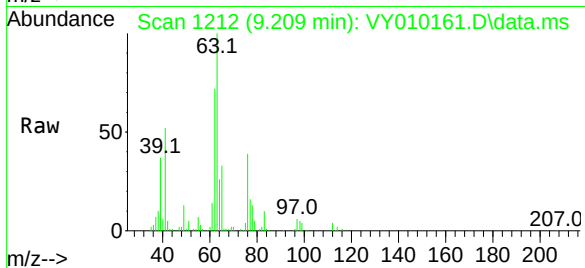
VY0823SBS01

Tgt Ion: 63 Resp: 47743

Ion Ratio Lower Upper

63 100

65 32.7 24.8 37.2



#46

Dibromomethane

Concen: 21.245 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY010161.D

Acq: 23 Aug 2022 13:37

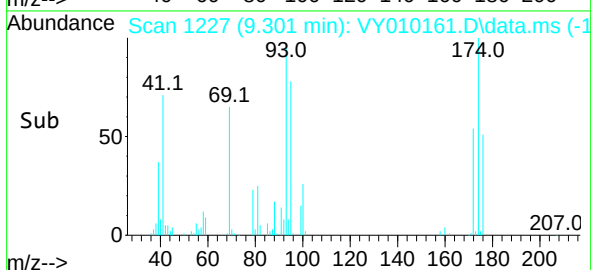
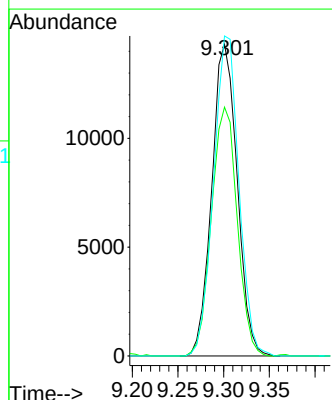
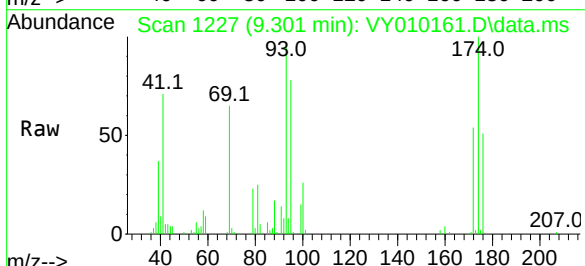
Tgt Ion: 93 Resp: 27693

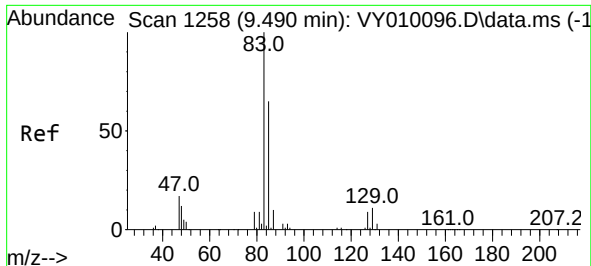
Ion Ratio Lower Upper

93 100

95 80.8 66.9 100.3

174 102.3 84.3 126.5

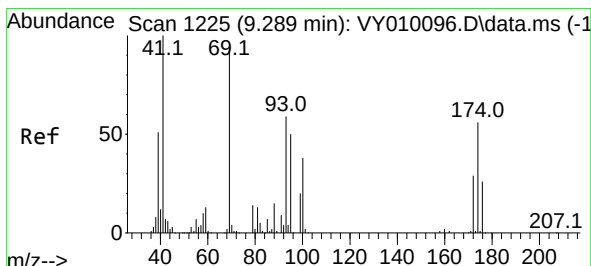
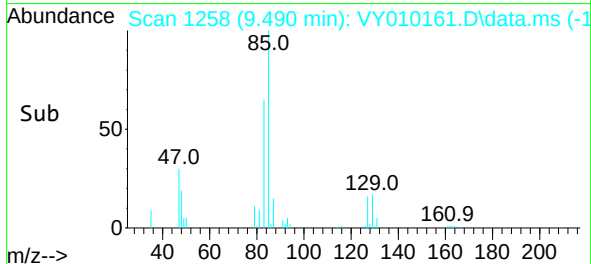
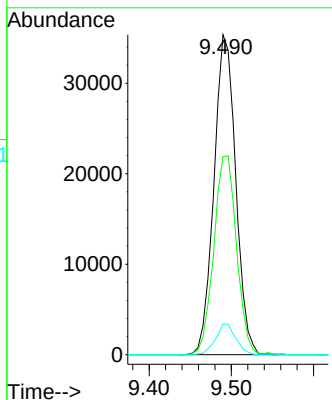
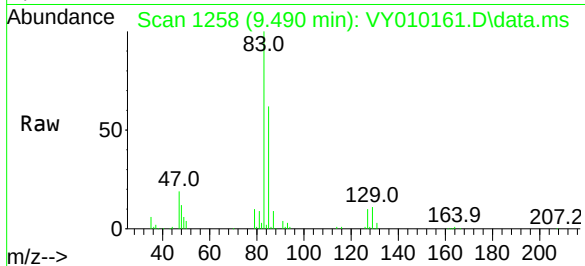




#47
Bromodichloromethane
Concen: 21.451 ug/l
RT: 9.490 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VY010161.D
Acq: 23 Aug 2022 13:37

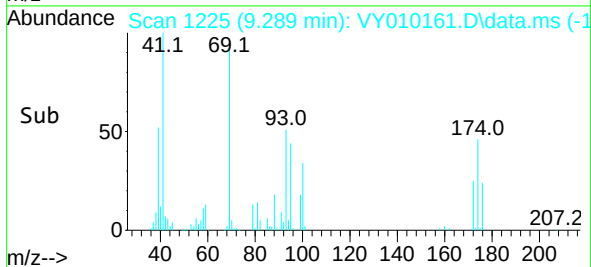
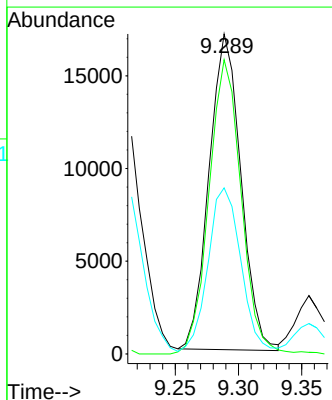
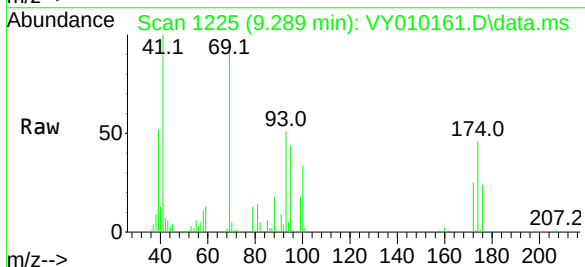
Instrument :
MSVOA_Y
ClientSampleId :
VY0823SBS01

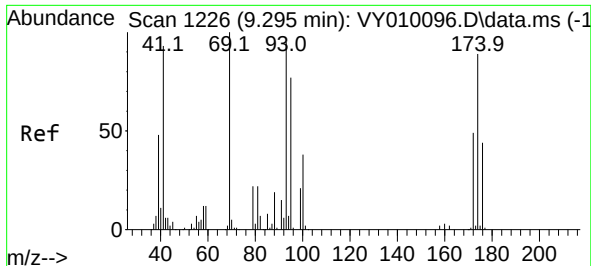
Tgt Ion: 83 Resp: 65075
Ion Ratio Lower Upper
83 100
85 61.8 52.0 78.0
127 9.6 7.1 10.7



#48
Methyl methacrylate
Concen: 23.090 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY010161.D
Acq: 23 Aug 2022 13:37

Tgt Ion: 41 Resp: 29802
Ion Ratio Lower Upper
41 100
69 94.3 75.1 112.7
39 53.6 39.4 59.2





#49

1,4-Dioxane

Concen: 475.445 ug/l

RT: 9.289 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY010161.D

Acq: 23 Aug 2022 13:37

Instrument :

MSVOA_Y

ClientSampleId :

VY0823SBS01

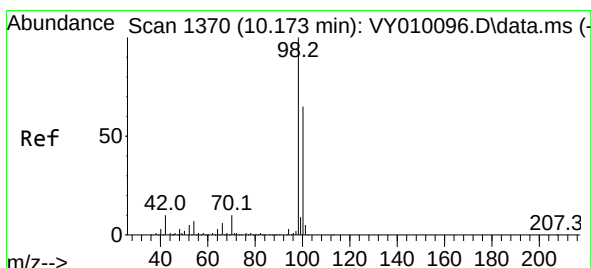
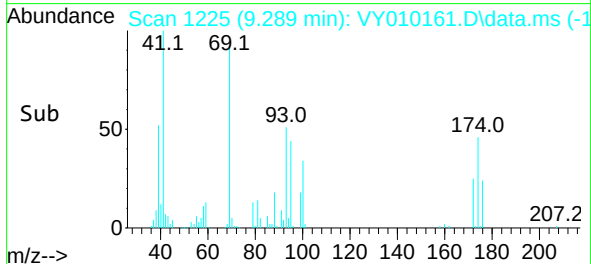
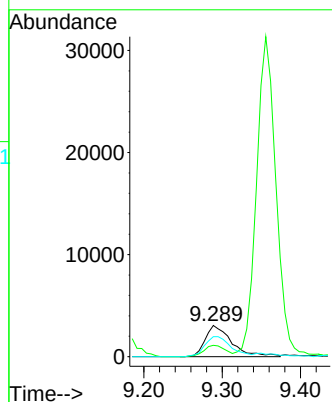
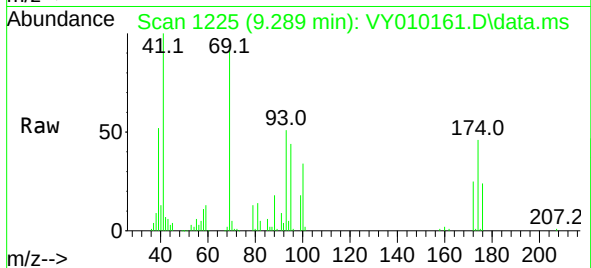
Tgt Ion: 88 Resp: 7178

Ion Ratio Lower Upper

88 100

43 29.8 23.0 34.4

58 63.4 49.0 73.4



#50

Toluene-d8

Concen: 46.796 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.006 min

Lab File: VY010161.D

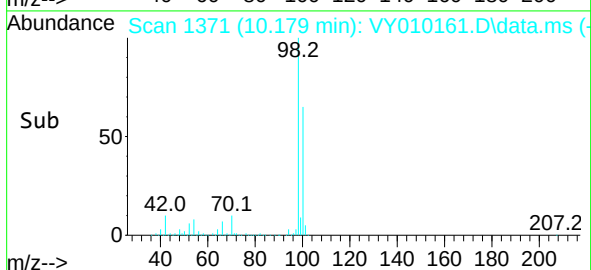
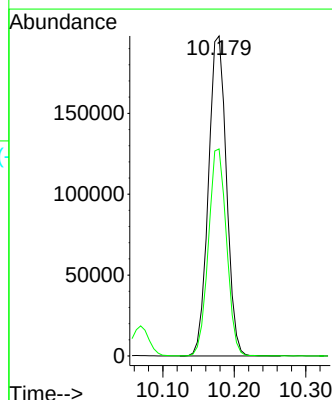
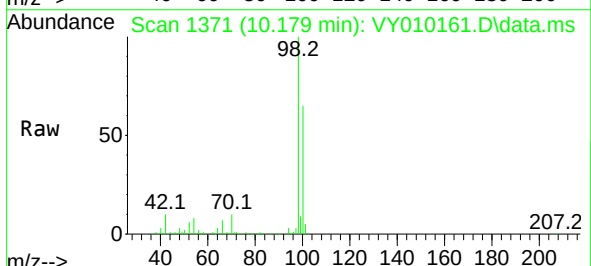
Acq: 23 Aug 2022 13:37

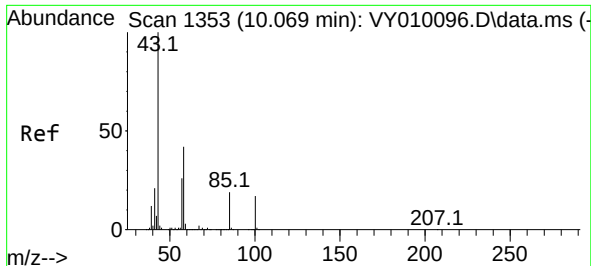
Tgt Ion: 98 Resp: 345759

Ion Ratio Lower Upper

98 100

100 65.1 51.9 77.9

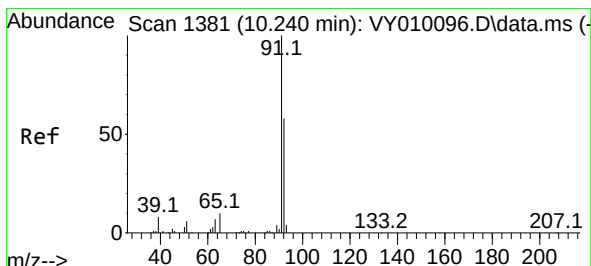
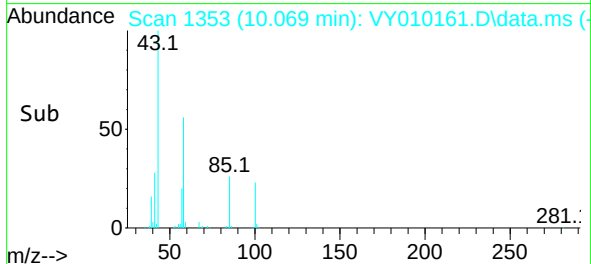
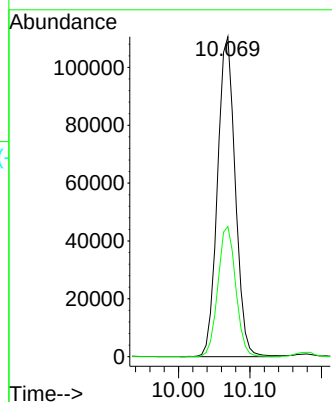
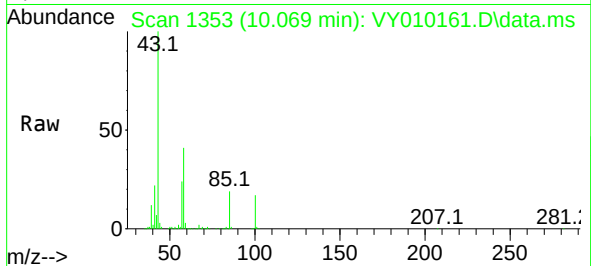




#51
4-Methyl-2-Pentanone
Concen: 122.447 ug/l
RT: 10.069 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY010161.D
Acq: 23 Aug 2022 13:37

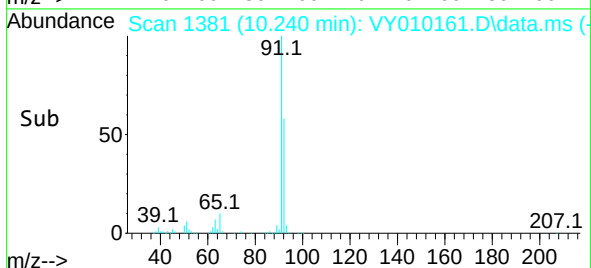
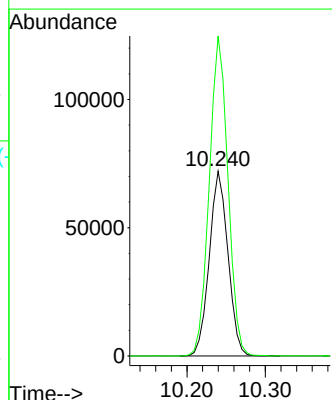
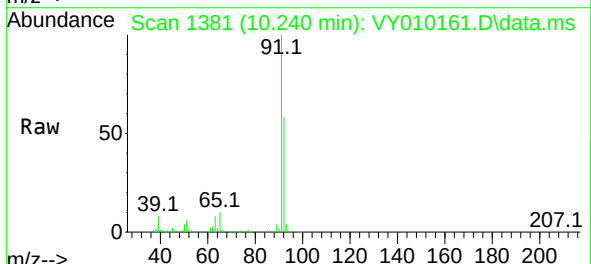
Instrument :
MSVOA_Y
ClientSampleId :
VY0823SBS01

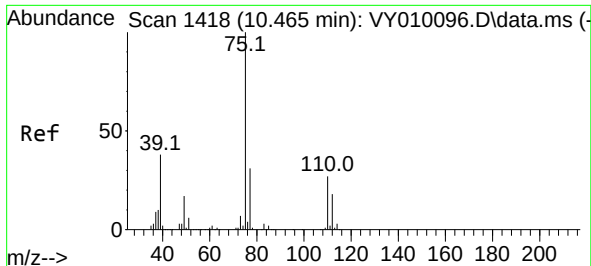
Tgt Ion: 43 Resp: 191111
Ion Ratio Lower Upper
43 100
58 40.7 33.3 49.9



#52
Toluene
Concen: 20.292 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY010161.D
Acq: 23 Aug 2022 13:37

Tgt Ion: 92 Resp: 119108
Ion Ratio Lower Upper
92 100
91 173.3 139.8 209.6

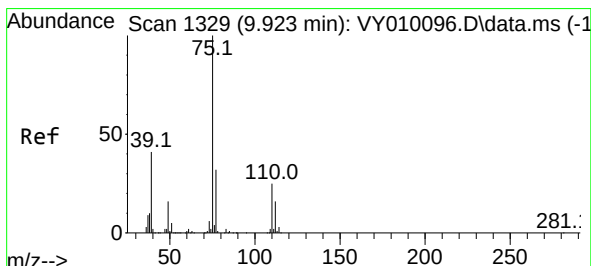
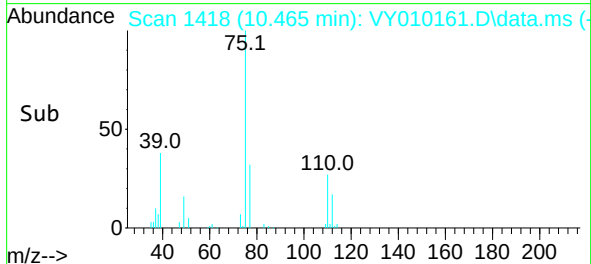
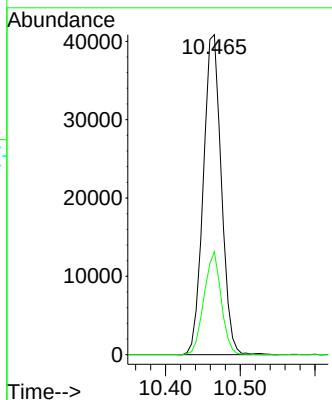
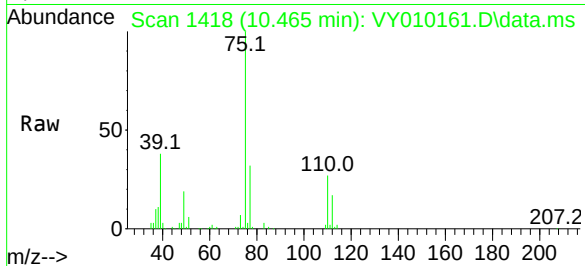




#53
t-1,3-Dichloropropene
Concen: 22.064 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY010161.D
Acq: 23 Aug 2022 13:37

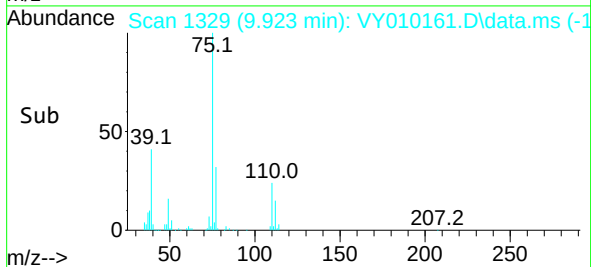
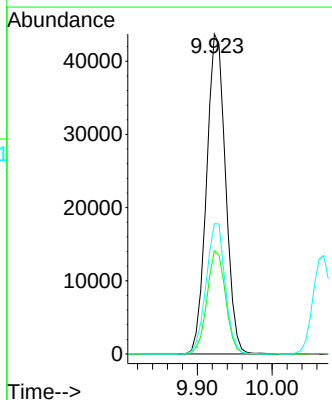
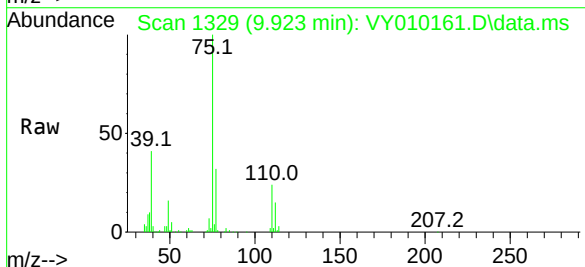
Instrument :
MSVOA_Y
ClientSampleId :
VY0823SBS01

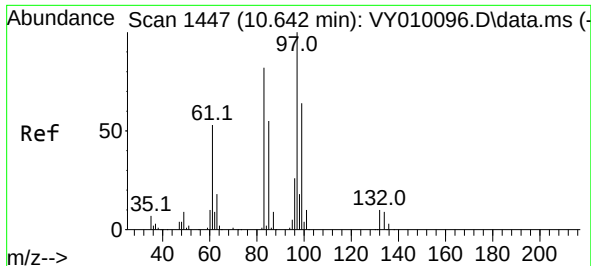
Tgt Ion: 75 Resp: 68409
Ion Ratio Lower Upper
75 100
77 32.2 25.1 37.7



#54
cis-1,3-Dichloropropene
Concen: 21.292 ug/l
RT: 9.923 min Scan# 1329
Delta R.T. -0.000 min
Lab File: VY010161.D
Acq: 23 Aug 2022 13:37

Tgt Ion: 75 Resp: 77004
Ion Ratio Lower Upper
75 100
77 32.2 25.7 38.5
39 40.7 32.6 48.8

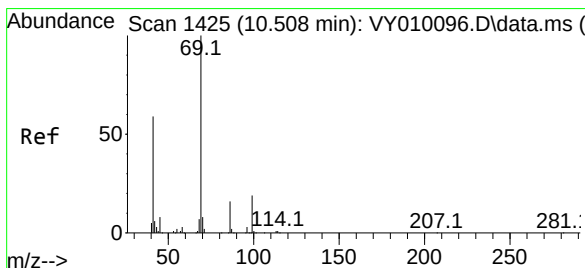
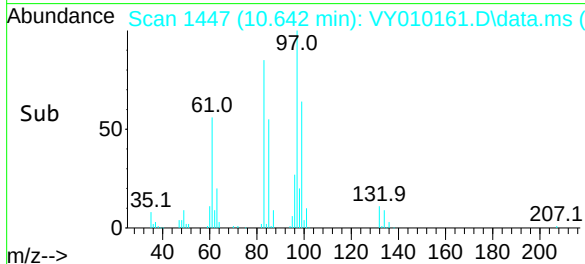
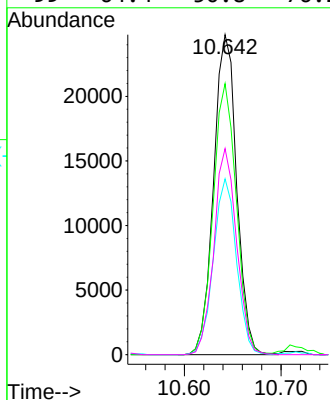
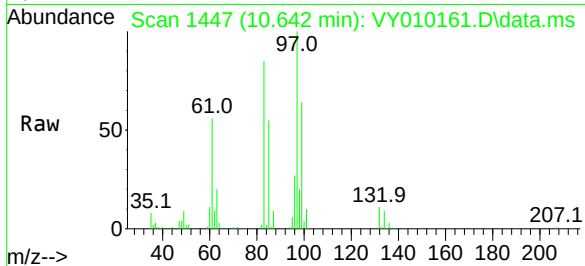




#55
1,1,2-Trichloroethane
Concen: 21.817 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY010161.D
Acq: 23 Aug 2022 13:37

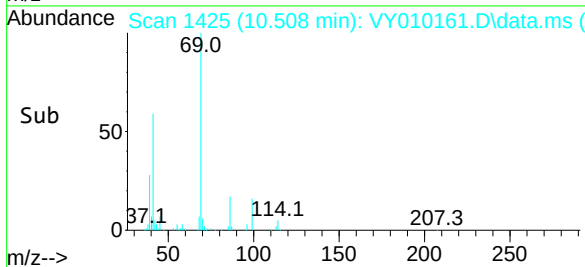
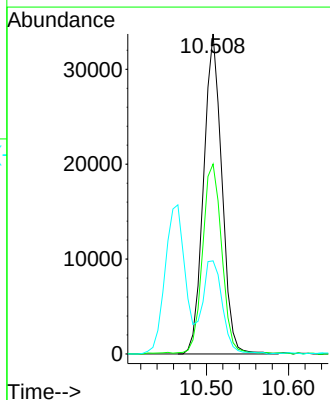
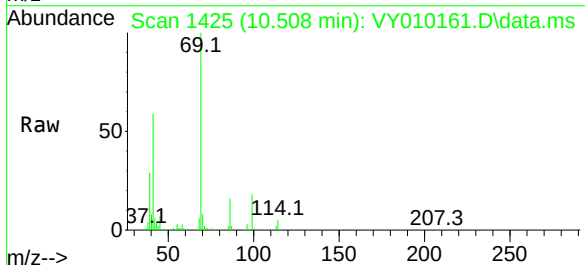
Instrument :
MSVOA_Y
ClientSampleId :
VY0823SBS01

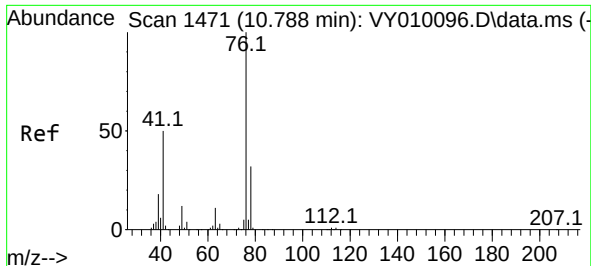
Tgt Ion:	97	Resp:	40954
Ion	Ratio	Lower	Upper
97	100		
83	84.7	65.4	98.0
85	55.0	44.0	66.0
99	64.4	50.8	76.2



#56
Ethyl methacrylate
Concen: 22.026 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY010161.D
Acq: 23 Aug 2022 13:37

Tgt Ion:	69	Resp:	52145
Ion	Ratio	Lower	Upper
69	100		
41	62.9	47.3	70.9
39	31.7	23.1	34.7





#57

1,3-Dichloropropane

Concen: 21.529 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY010161.D

Acq: 23 Aug 2022 13:37

Instrument :

MSVOA_Y

ClientSampleId :

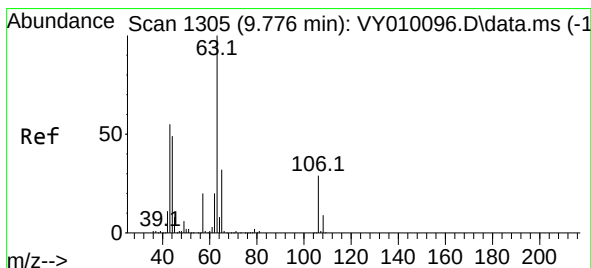
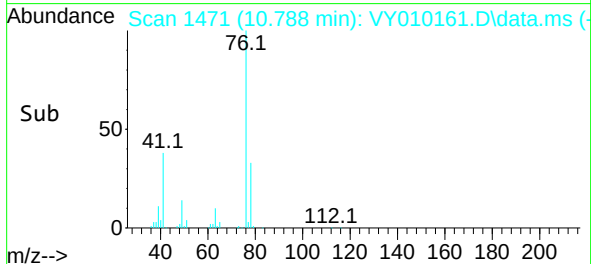
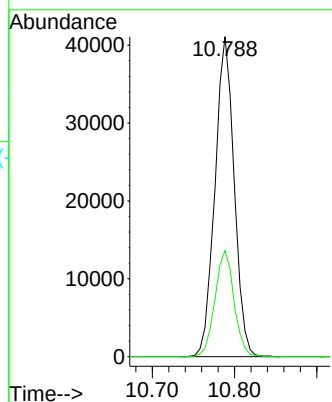
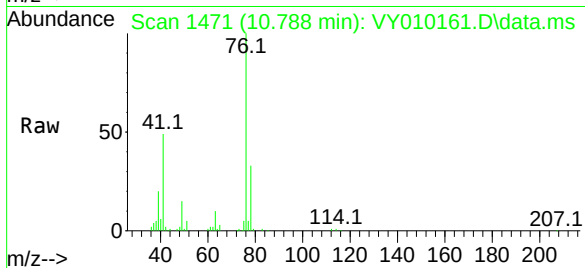
VY0823SBS01

Tgt Ion: 76 Resp: 66621

Ion Ratio Lower Upper

76 100

78 32.9 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 126.277 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. 0.000 min

Lab File: VY010161.D

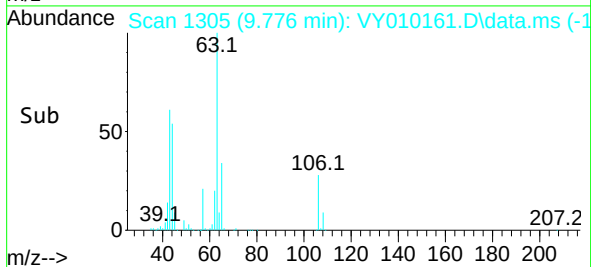
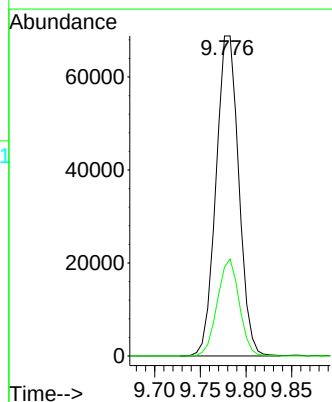
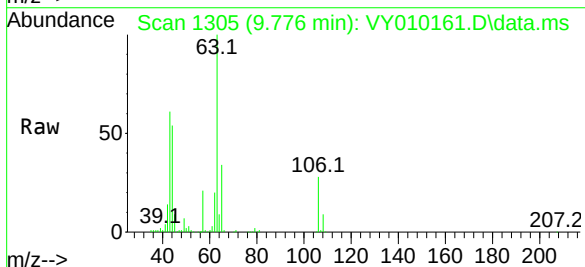
Acq: 23 Aug 2022 13:37

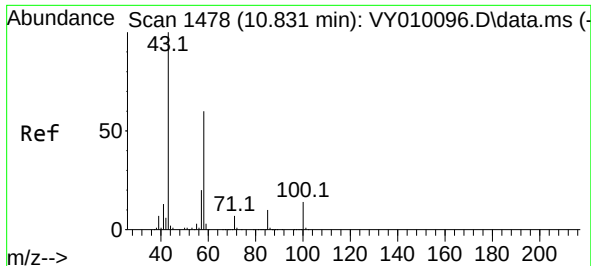
Tgt Ion: 63 Resp: 119244

Ion Ratio Lower Upper

63 100

106 29.1 23.8 35.8

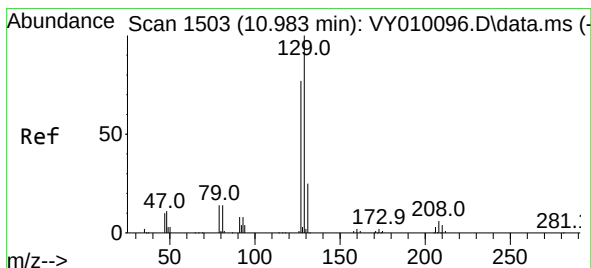
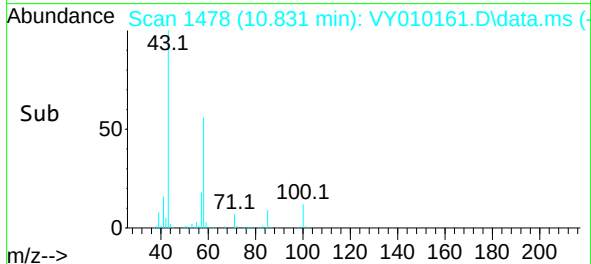
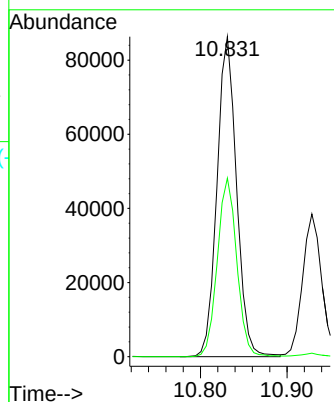
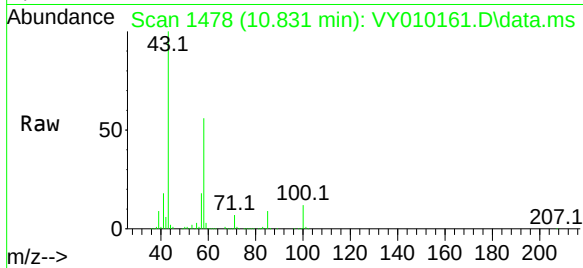




#59
2-Hexanone
Concen: 126.409 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY010161.D
Acq: 23 Aug 2022 13:37

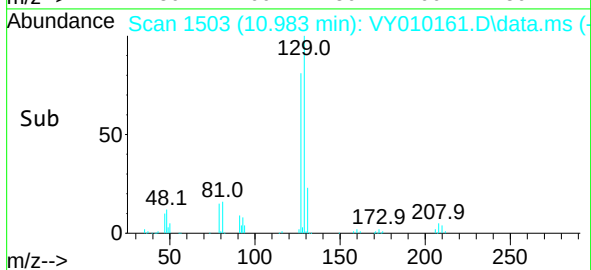
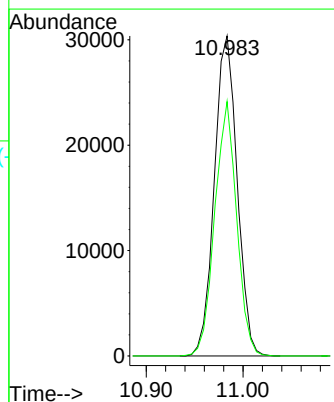
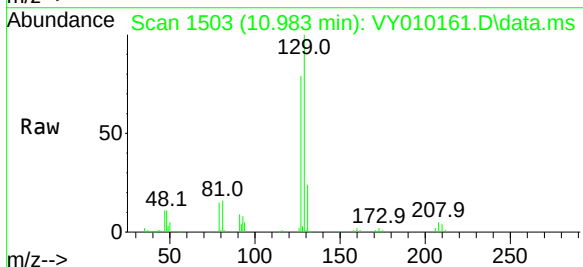
Instrument :
MSVOA_Y
ClientSampleId :
VY0823SBS01

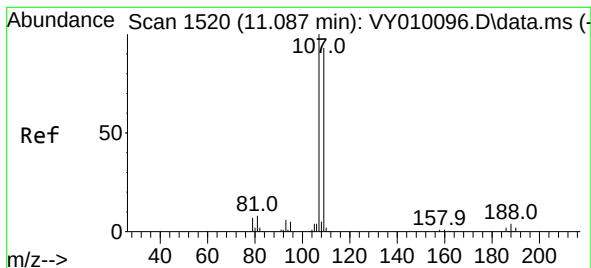
Tgt Ion: 43 Resp: 135282
Ion Ratio Lower Upper
43 100
58 55.6 29.3 88.0



#60
Dibromochloromethane
Concen: 21.739 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY010161.D
Acq: 23 Aug 2022 13:37

Tgt Ion: 129 Resp: 49734
Ion Ratio Lower Upper
129 100
127 76.4 39.3 117.8

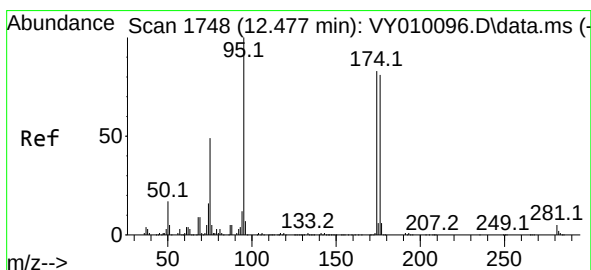
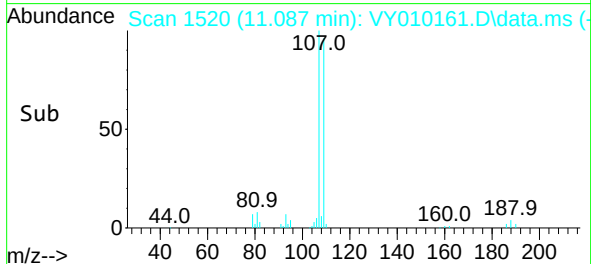
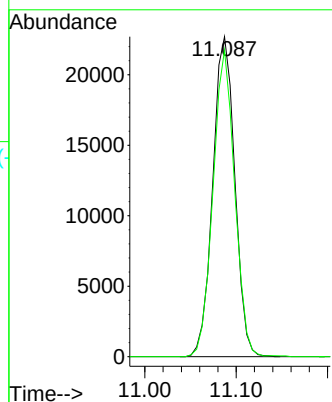
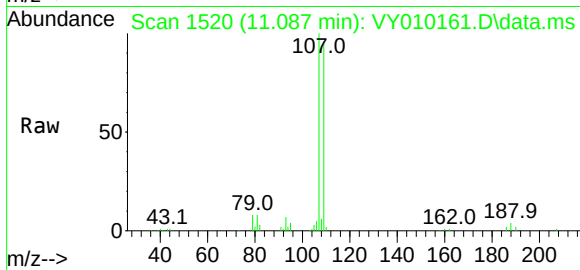




#61
1,2-Dibromoethane
Concen: 20.791 ug/l
RT: 11.087 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY010161.D
Acq: 23 Aug 2022 13:37

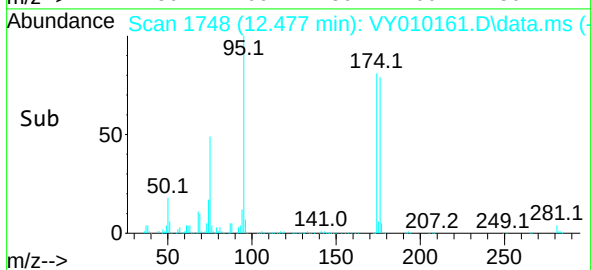
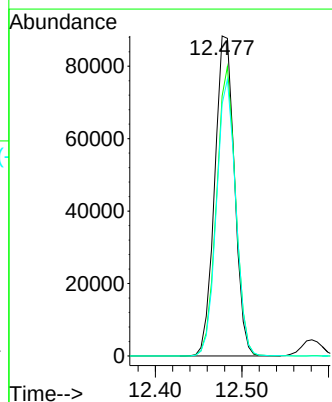
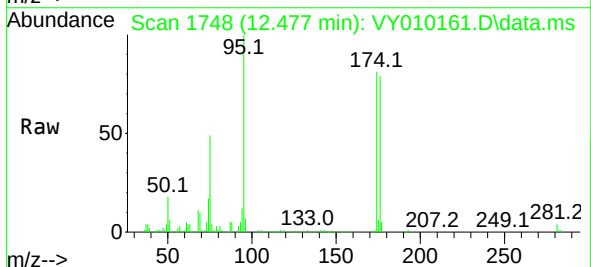
Instrument :
MSVOA_Y
ClientSampleId :
VY0823SBS01

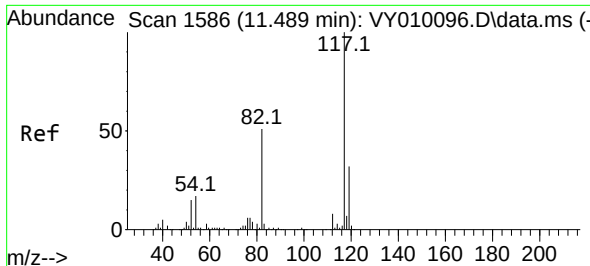
Tgt Ion:107 Resp: 37983
Ion Ratio Lower Upper
107 100
109 94.3 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 53.092 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY010161.D
Acq: 23 Aug 2022 13:37

Tgt Ion: 95 Resp: 140157
Ion Ratio Lower Upper
95 100
174 86.9 0.0 173.8
176 84.0 0.0 167.2

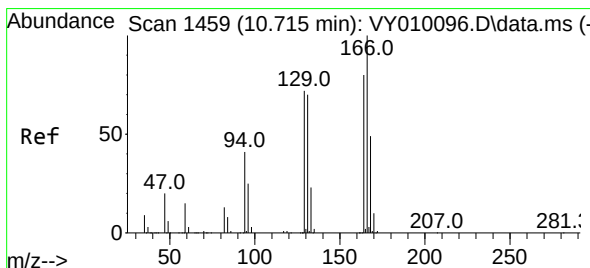
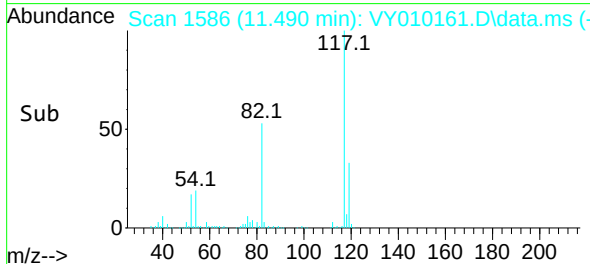
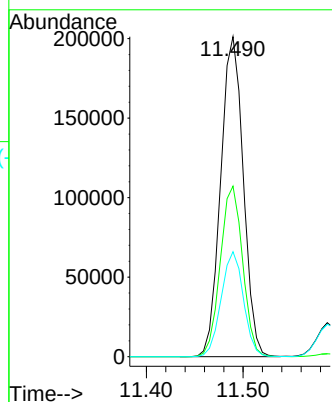
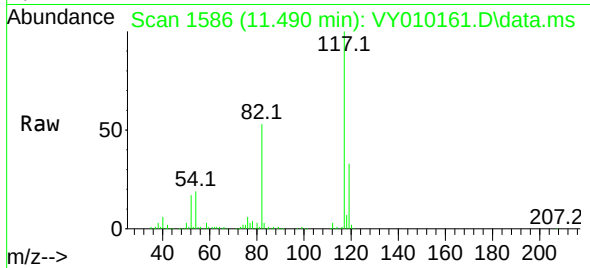




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY010161.D
Acq: 23 Aug 2022 13:37

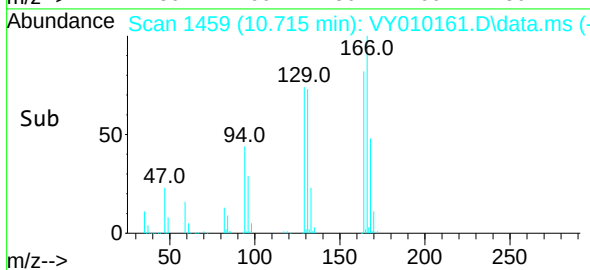
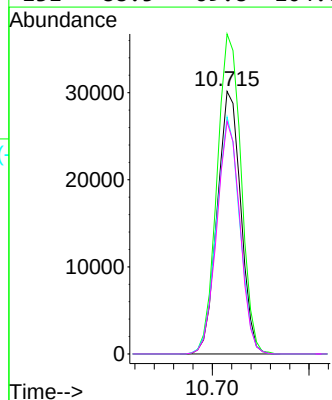
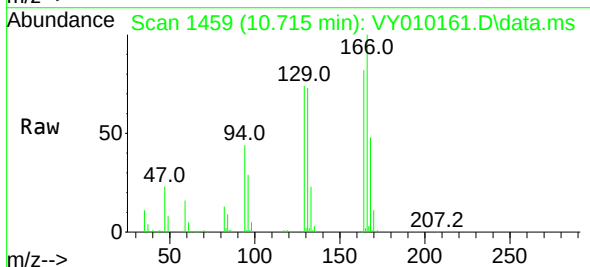
Instrument :
MSVOA_Y
ClientSampleId :
VY0823SBS01

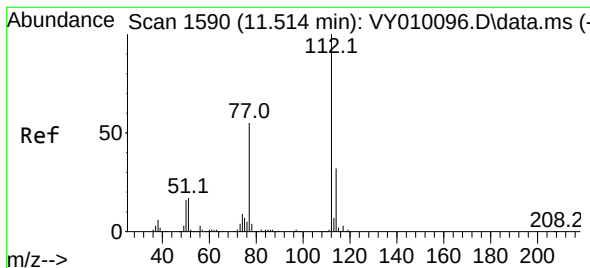
Tgt Ion:117 Resp: 326730
Ion Ratio Lower Upper
117 100
82 53.3 40.6 61.0
119 32.8 25.8 38.8



#64
Tetrachloroethene
Concen: 19.207 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VY010161.D
Acq: 23 Aug 2022 13:37

Tgt Ion:164 Resp: 50655
Ion Ratio Lower Upper
164 100
166 121.9 100.3 150.5
129 90.2 71.8 107.6
131 88.5 69.8 104.6





#65

Chlorobenzene

Concen: 20.049 ug/l

RT: 11.514 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY010161.D

Acq: 23 Aug 2022 13:37

Instrument :

MSVOA_Y

ClientSampleId :

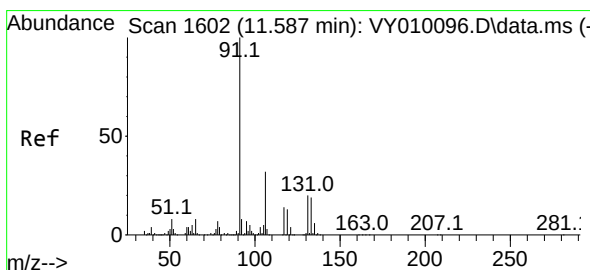
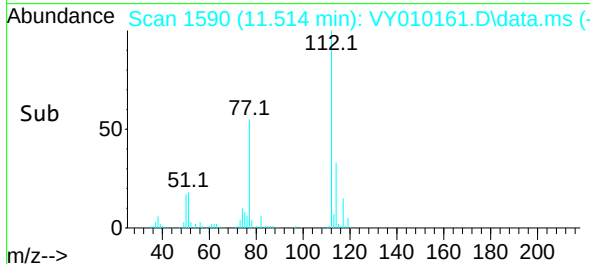
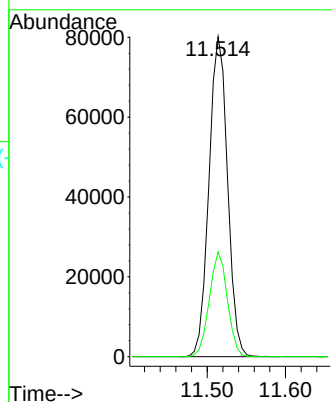
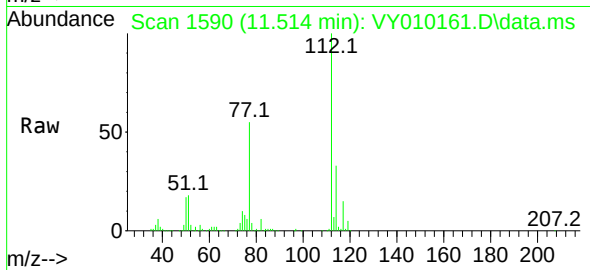
VY0823SBS01

Tgt Ion:112 Resp: 131751

Ion Ratio Lower Upper

112 100

114 32.8 25.8 38.6



#66

1,1,1,2-Tetrachloroethane

Concen: 20.649 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VY010161.D

Acq: 23 Aug 2022 13:37

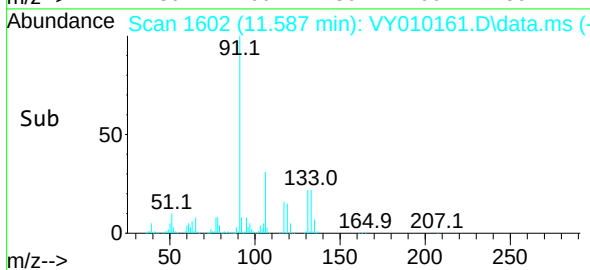
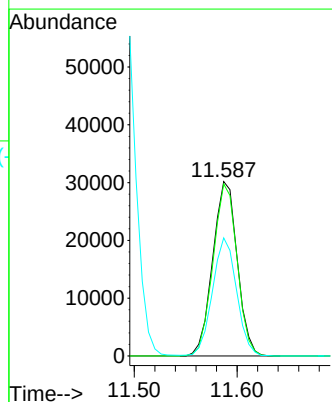
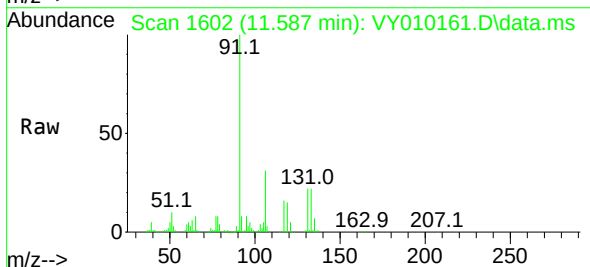
Tgt Ion:131 Resp: 50159

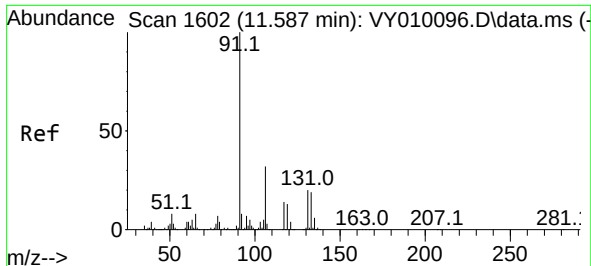
Ion Ratio Lower Upper

131 100

133 96.3 47.4 142.3

119 66.5 33.0 98.9

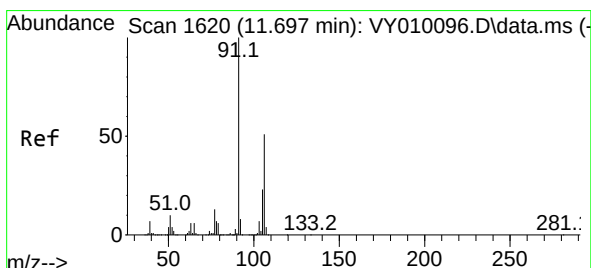
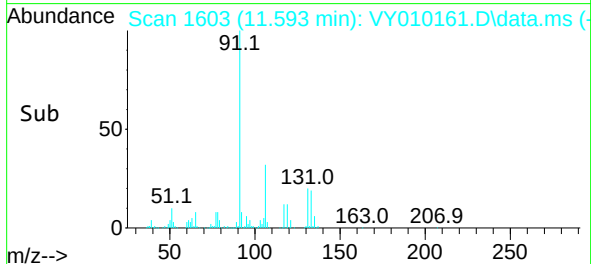
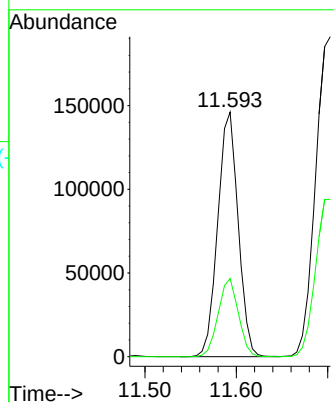
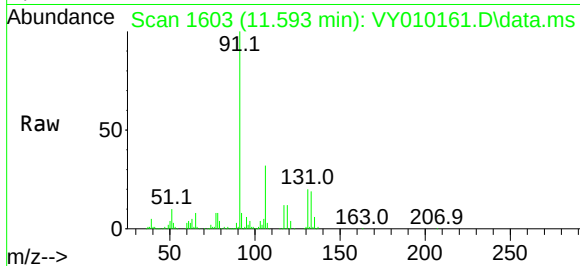




#67
Ethyl Benzene
Concen: 19.810 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VY010161.D
Acq: 23 Aug 2022 13:37

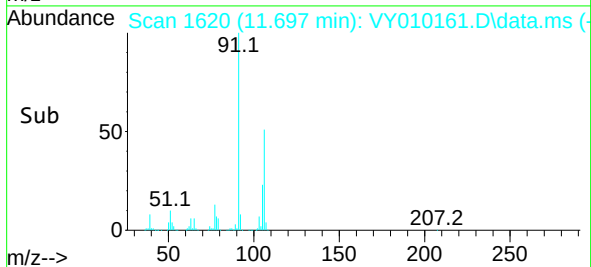
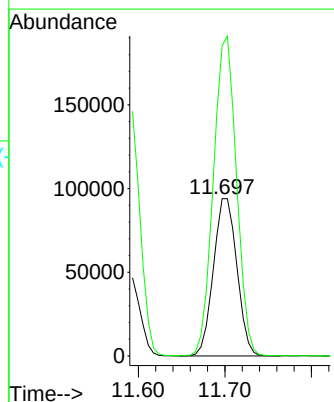
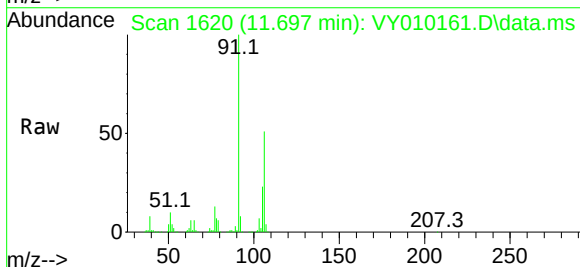
Instrument :
MSVOA_Y
ClientSampleId :
VY0823SBS01

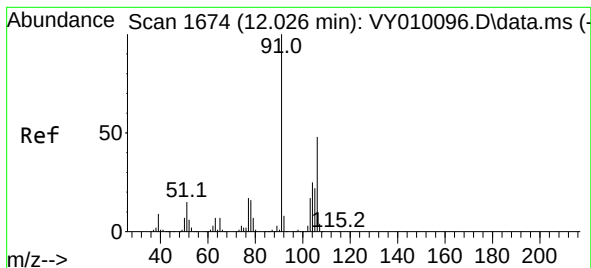
Tgt Ion: 91 Resp: 226844
Ion Ratio Lower Upper
91 100
106 32.0 25.4 38.0



#68
m/p-Xylenes
Concen: 39.701 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VY010161.D
Acq: 23 Aug 2022 13:37

Tgt Ion: 106 Resp: 177292
Ion Ratio Lower Upper
106 100
91 199.8 157.8 236.8

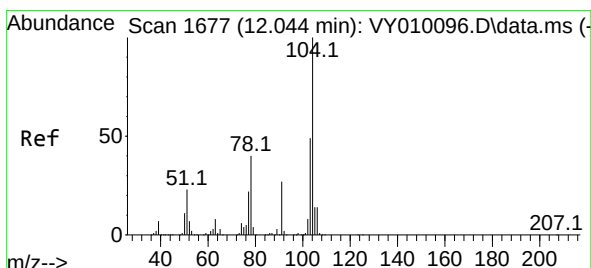
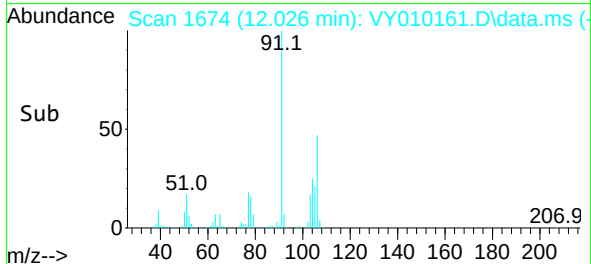
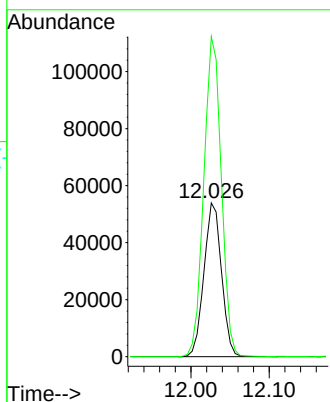
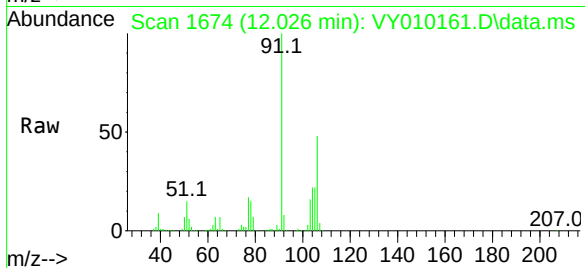




#69
o-Xylene
Concen: 20.147 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.000 min
Lab File: VY010161.D
Acq: 23 Aug 2022 13:37

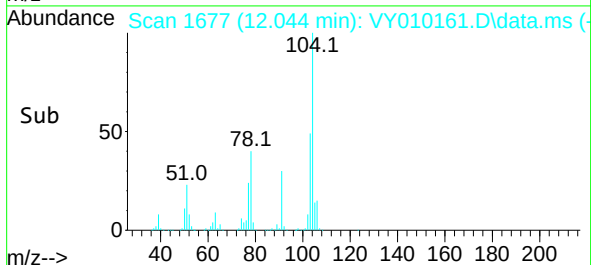
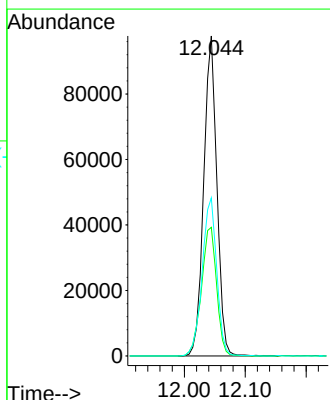
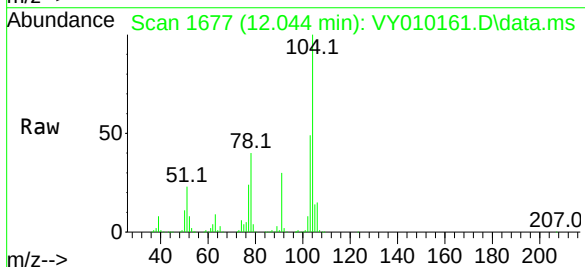
Instrument :
MSVOA_Y
ClientSampleId :
VY0823SBS01

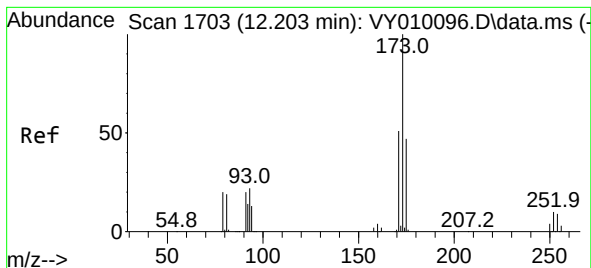
Tgt Ion:106 Resp: 83774
Ion Ratio Lower Upper
106 100
91 208.0 104.6 313.7



#70
Styrene
Concen: 20.725 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY010161.D
Acq: 23 Aug 2022 13:37

Tgt Ion:104 Resp: 147057
Ion Ratio Lower Upper
104 100
78 46.3 36.6 55.0
103 54.7 43.7 65.5





#71

Bromoform

Concen: 21.665 ug/l

RT: 12.209 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY010161.D

Acq: 23 Aug 2022 13:37

Instrument :

MSVOA_Y

ClientSampleId :

VY0823SBS01

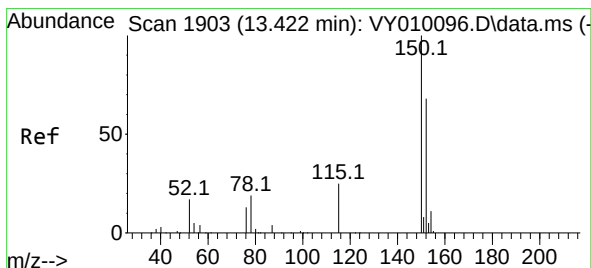
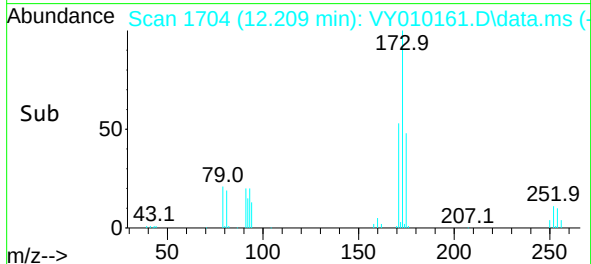
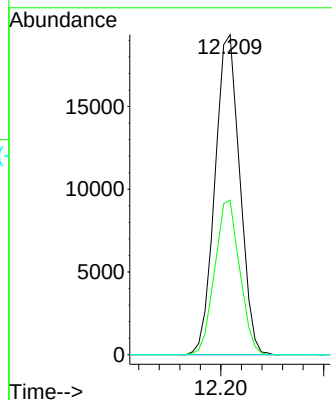
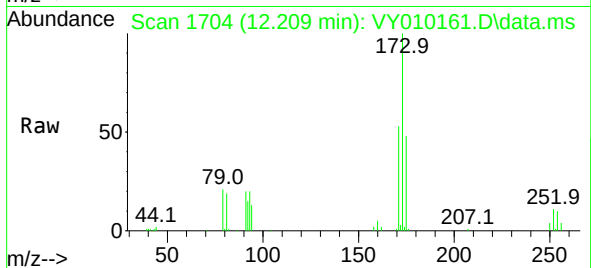
Tgt Ion:173 Resp: 32396

Ion Ratio Lower Upper

173 100

175 48.5 24.3 73.0

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY010161.D

Acq: 23 Aug 2022 13:37

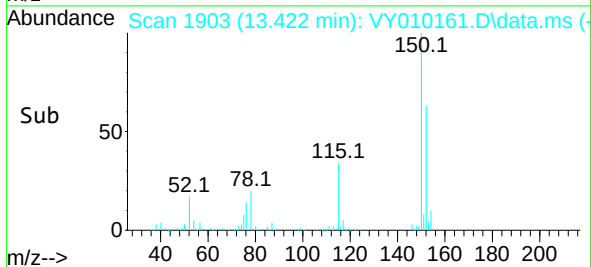
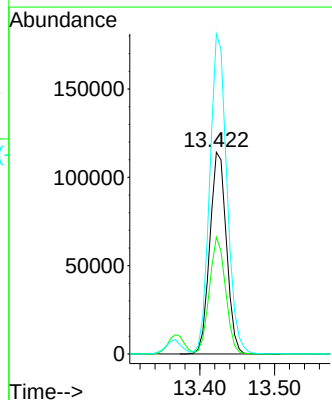
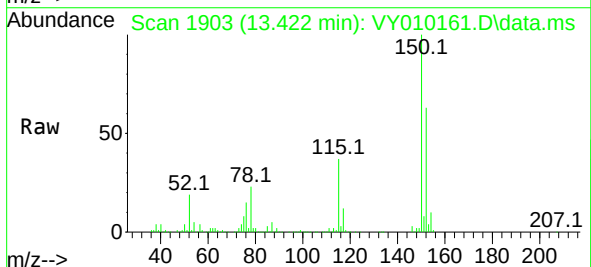
Tgt Ion:152 Resp: 176101

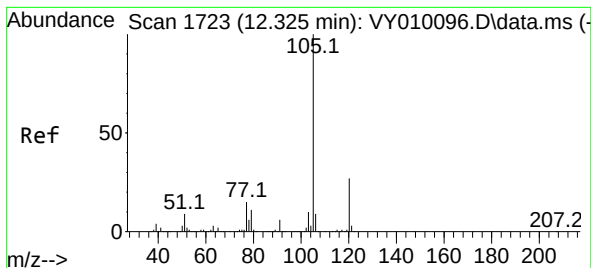
Ion Ratio Lower Upper

152 100

115 56.2 28.1 84.2

150 163.3 0.0 346.2





#73

Isopropylbenzene

Concen: 19.061 ug/l

RT: 12.331 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY010161.D

Acq: 23 Aug 2022 13:37

Instrument :

MSVOA_Y

ClientSampleId :

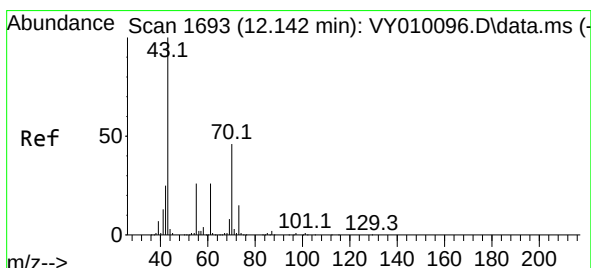
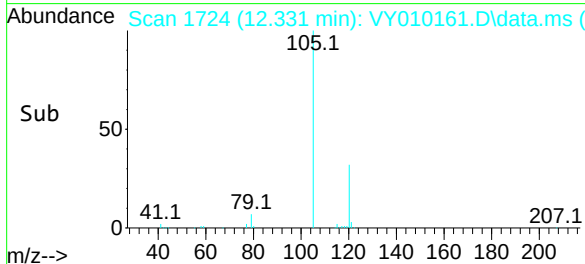
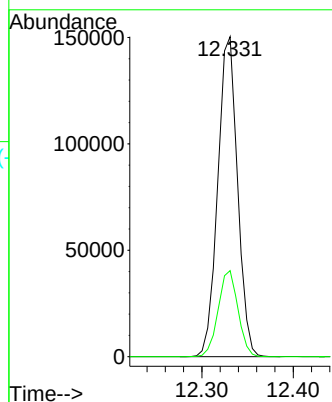
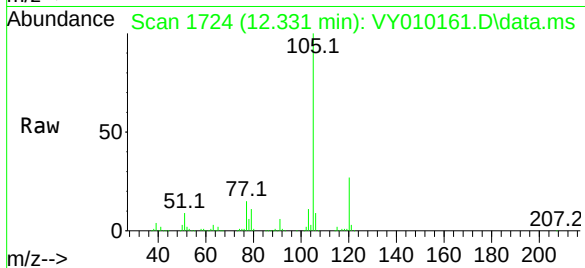
VY0823SBS01

Tgt Ion:105 Resp: 225817

Ion Ratio Lower Upper

105 100

120 27.0 13.6 40.7



#74

N-ethyl acetate

Concen: 21.325 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY010161.D

Acq: 23 Aug 2022 13:37

Tgt Ion: 43 Resp: 60901

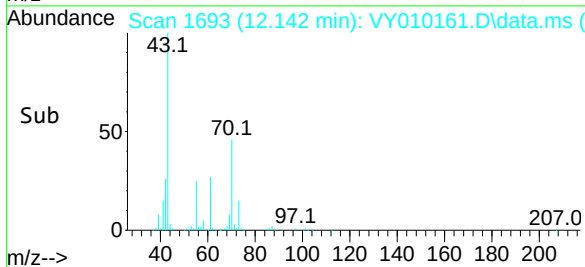
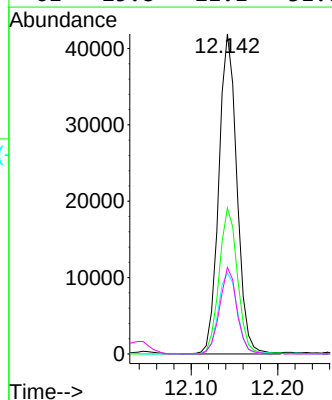
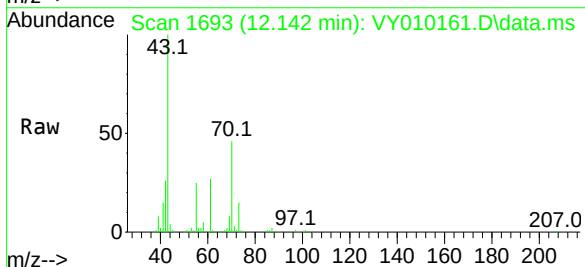
Ion Ratio Lower Upper

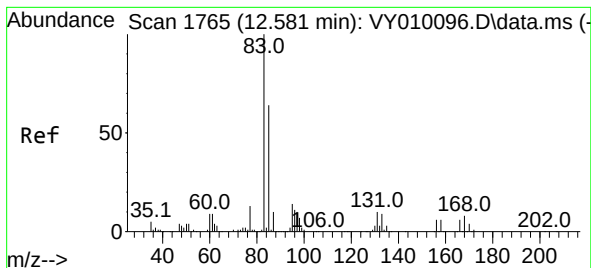
43 100

70 46.1 37.1 55.7

55 26.7 21.0 31.6

61 25.8 21.1 31.7





#75

1,1,2,2-Tetrachloroethane

Concen: 21.060 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY010161.D

Acq: 23 Aug 2022 13:37

Instrument :

MSVOA_Y

ClientSampleId :

VY0823SBS01

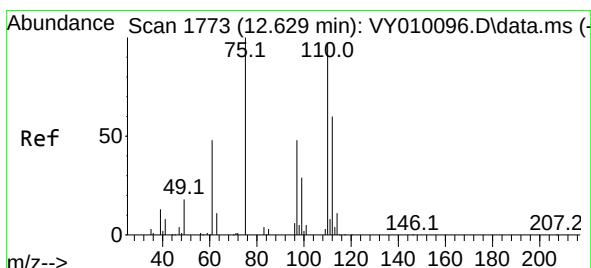
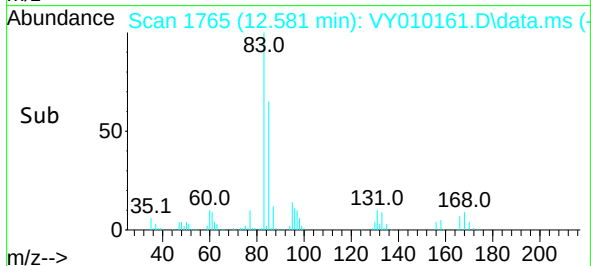
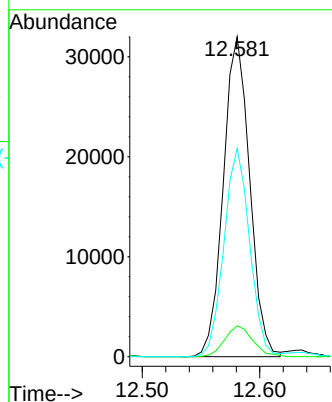
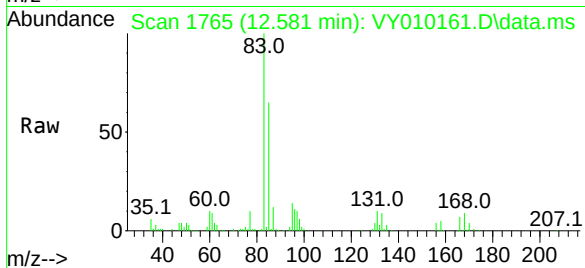
Tgt Ion: 83 Resp: 49907

Ion Ratio Lower Upper

83 100

131 10.3 5.3 15.9

85 63.6 32.2 96.6



#76

1,2,3-Trichloropropane

Concen: 38.644 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. 0.001 min

Lab File: VY010161.D

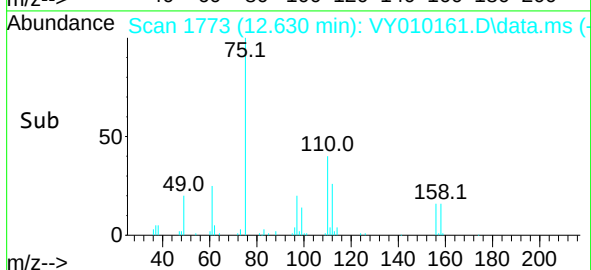
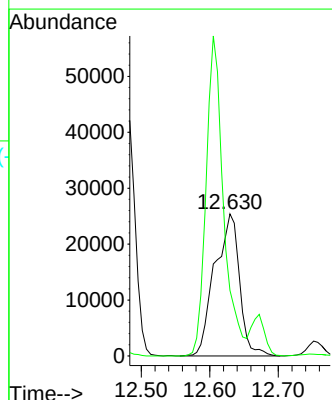
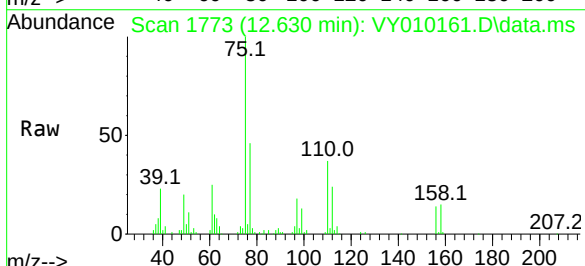
Acq: 23 Aug 2022 13:37

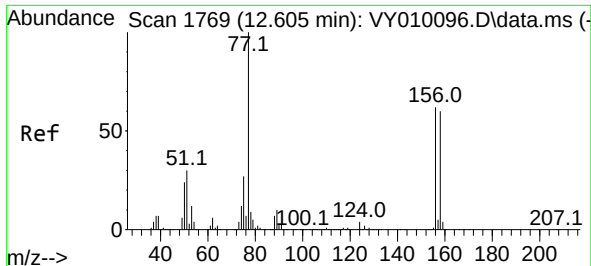
Tgt Ion: 75 Resp: 63733

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

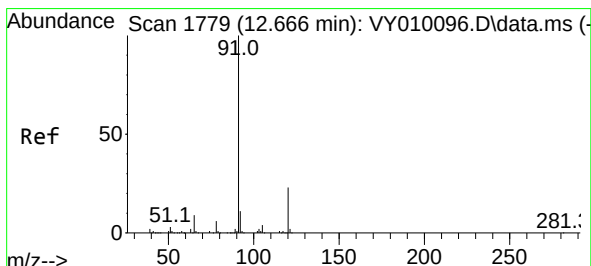
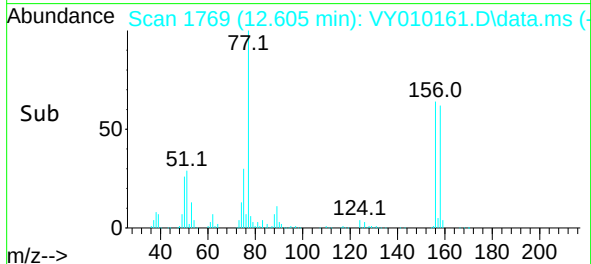
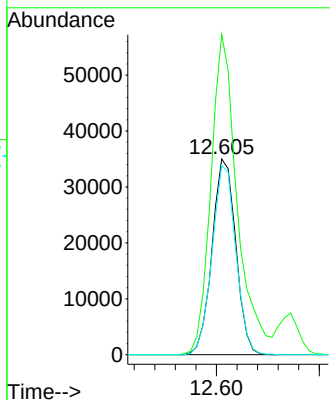
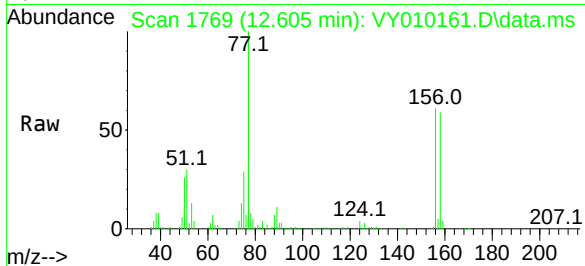




#77
Bromobenzene
Concen: 19.411 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY010161.D
Acq: 23 Aug 2022 13:37

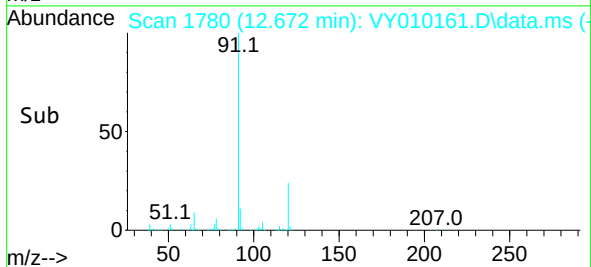
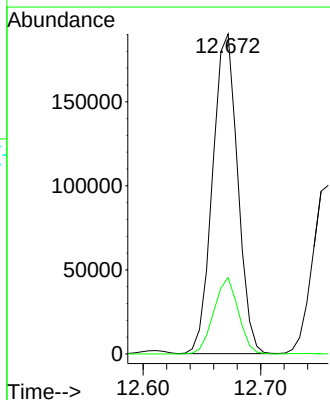
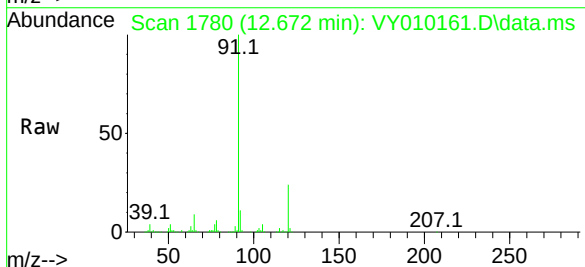
Instrument :
MSVOA_Y
ClientSampleId :
VY0823SBS01

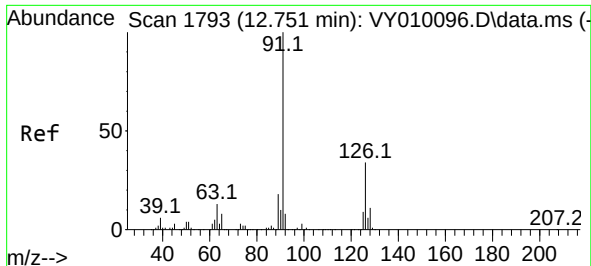
Tgt Ion:156 Resp: 55938
Ion Ratio Lower Upper
156 100
77 182.0 89.5 268.4
158 96.9 48.3 144.9



#78
n-propylbenzene
Concen: 19.427 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.006 min
Lab File: VY010161.D
Acq: 23 Aug 2022 13:37

Tgt Ion: 91 Resp: 282585
Ion Ratio Lower Upper
91 100
120 23.3 11.6 34.8





#79

2-Chlorotoluene

Concen: 19.165 ug/l

RT: 12.758 min Scan# 1

Delta R.T. 0.007 min

Lab File: VY010161.D

Acq: 23 Aug 2022 13:37

Instrument :

MSVOA_Y

ClientSampleId :

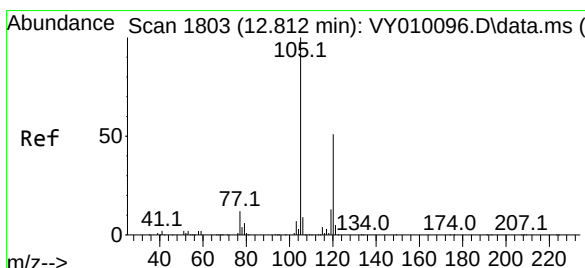
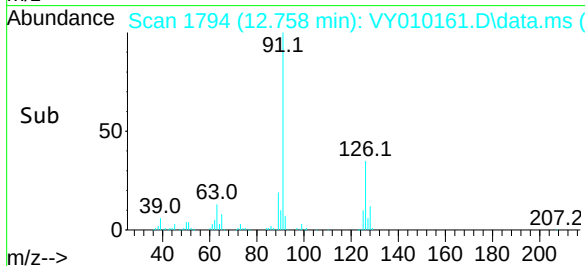
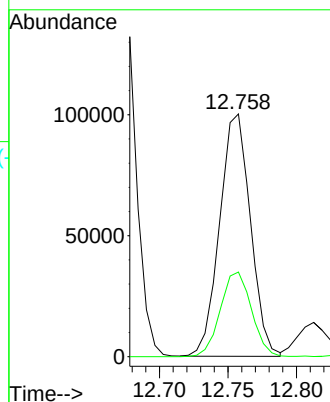
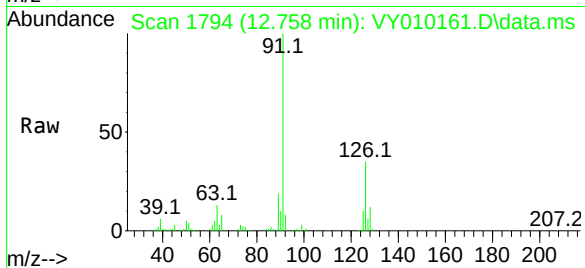
VY0823SBS01

Tgt Ion: 91 Resp: 157032

Ion Ratio Lower Upper

91 100

126 35.2 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 19.986 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VY010161.D

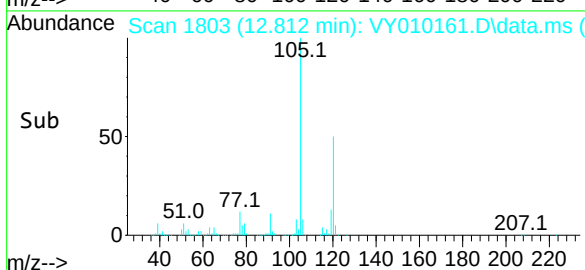
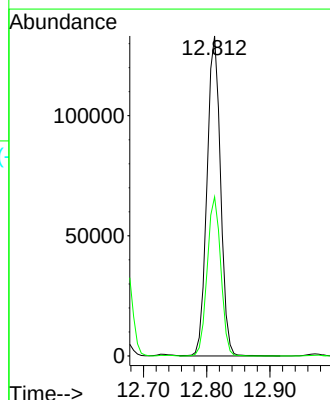
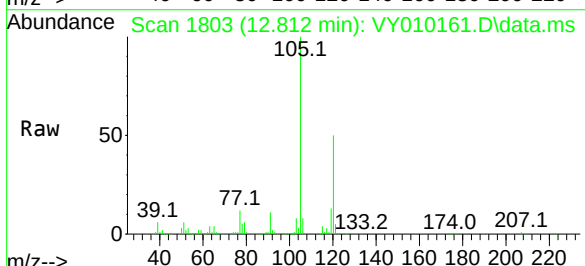
Acq: 23 Aug 2022 13:37

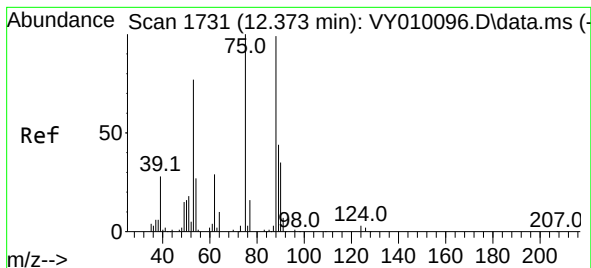
Tgt Ion: 105 Resp: 198100

Ion Ratio Lower Upper

105 100

120 50.0 24.8 74.4

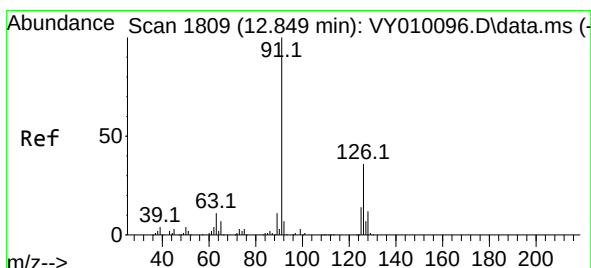
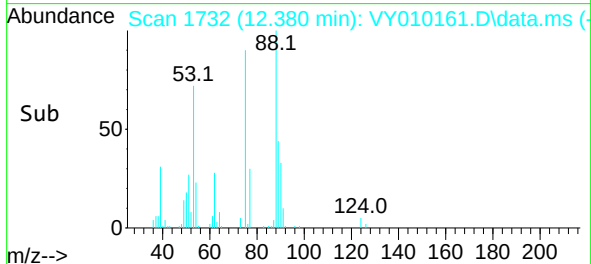
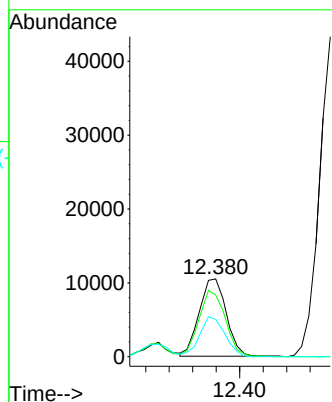
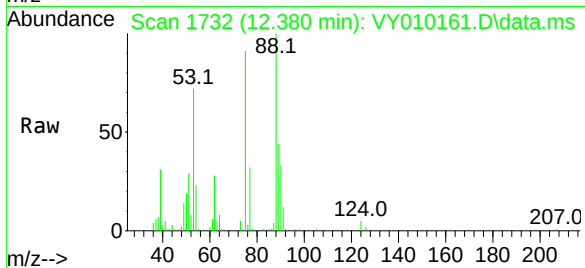




#81
trans-1,4-Dichloro-2-butene
Concen: 20.357 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.007 min
Lab File: VY010161.D
Acq: 23 Aug 2022 13:37

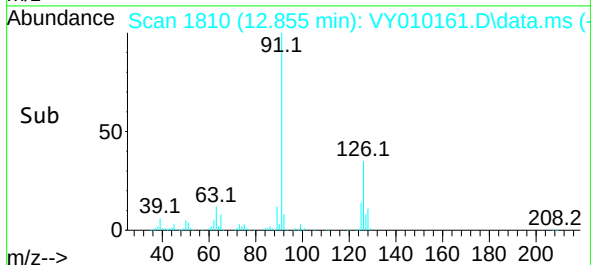
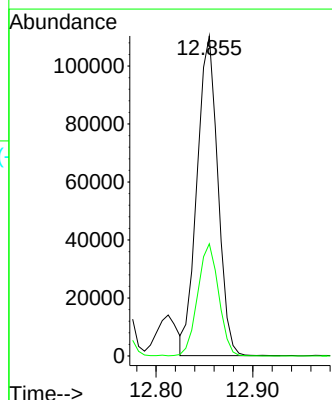
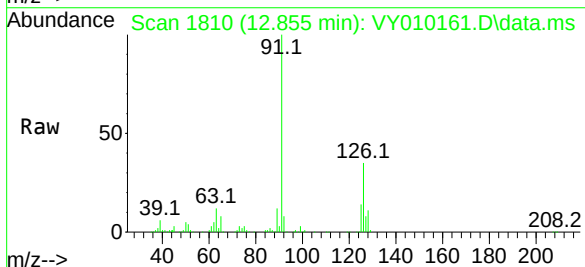
Instrument :
MSVOA_Y
ClientSampleId :
VY0823SBS01

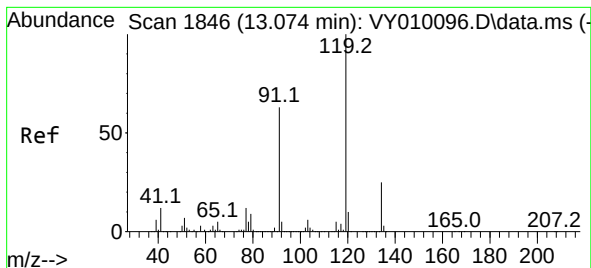
Tgt Ion: 75 Resp: 16716
Ion Ratio Lower Upper
75 100
53 83.9 62.6 94.0
89 48.3 36.8 55.2



#82
4-Chlorotoluene
Concen: 19.452 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VY010161.D
Acq: 23 Aug 2022 13:37

Tgt Ion: 91 Resp: 165233
Ion Ratio Lower Upper
91 100
126 35.4 17.8 53.4





#83

tert-Butylbenzene

Concen: 19.445 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.001 min

Lab File: VY010161.D

Acq: 23 Aug 2022 13:37

Instrument :

MSVOA_Y

ClientSampleId :

VY0823SBS01

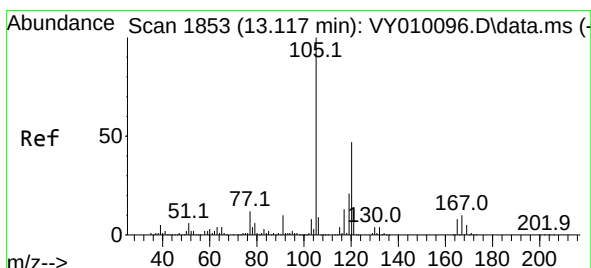
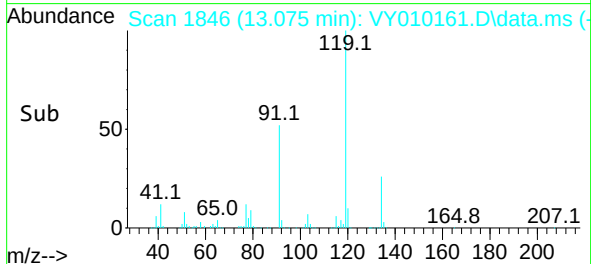
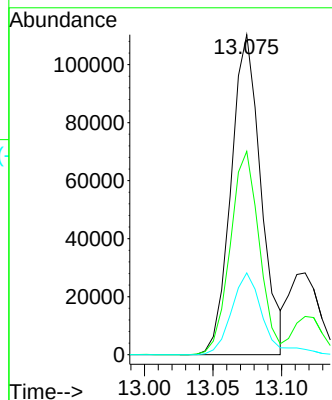
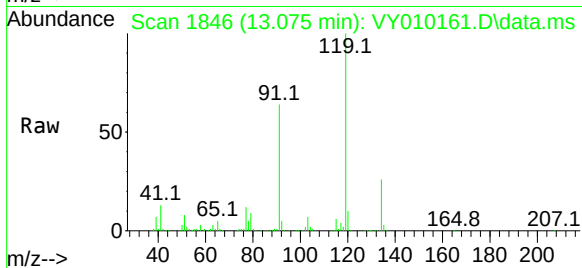
Tgt Ion:119 Resp: 168036

Ion Ratio Lower Upper

119 100

91 61.6 30.9 92.7

134 26.8 13.3 39.8



#84

1,2,4-Trimethylbenzene

Concen: 19.944 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY010161.D

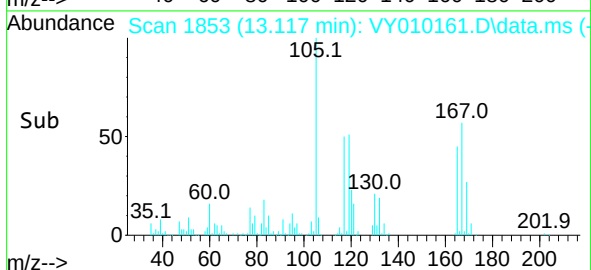
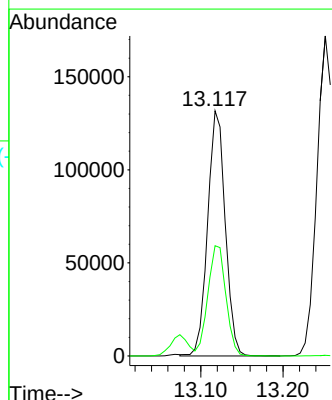
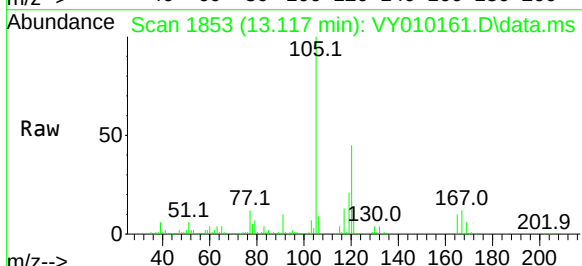
Acq: 23 Aug 2022 13:37

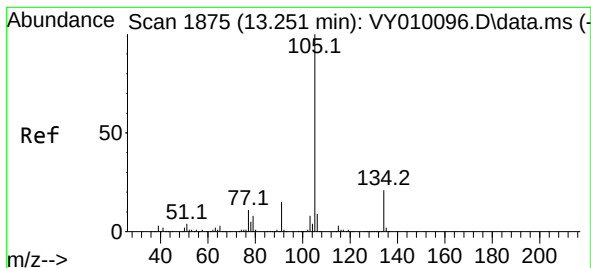
Tgt Ion:105 Resp: 195789

Ion Ratio Lower Upper

105 100

120 46.1 23.2 69.5





#85

sec-Butylbenzene

Concen: 19.597 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY010161.D

Acq: 23 Aug 2022 13:37

Instrument :

MSVOA_Y

ClientSampleId :

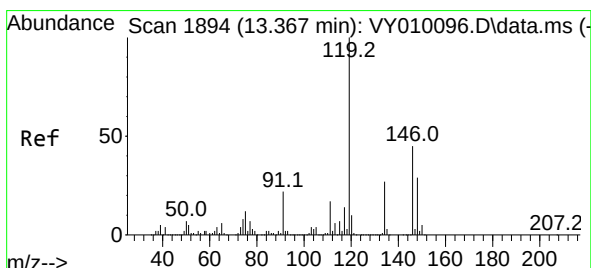
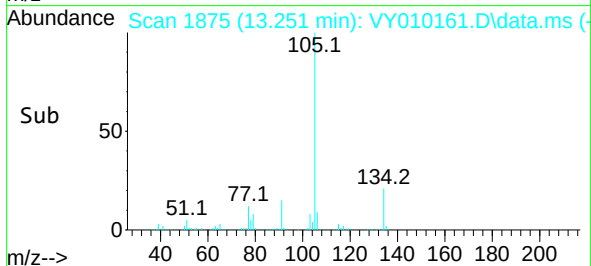
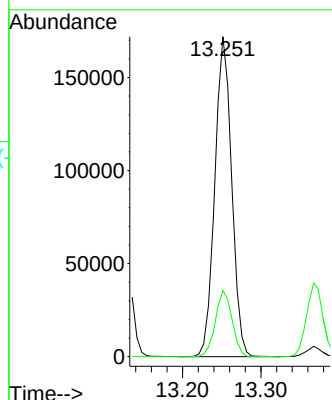
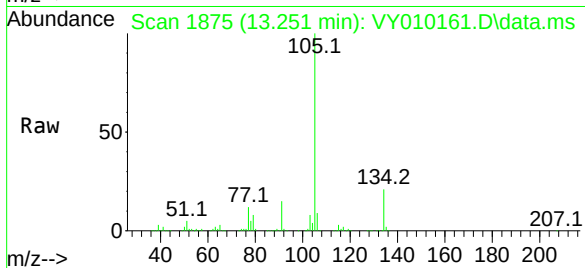
VY0823SBS01

Tgt Ion:105 Resp: 256762

Ion Ratio Lower Upper

105 100

134 20.5 10.4 31.1



#86

p-Isopropyltoluene

Concen: 19.614 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY010161.D

Acq: 23 Aug 2022 13:37

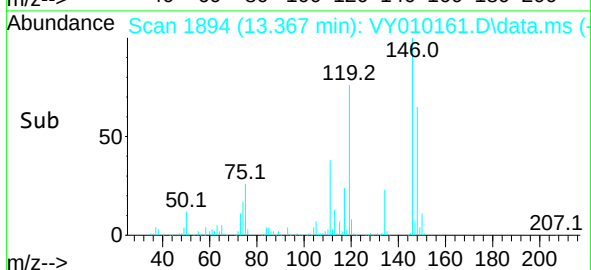
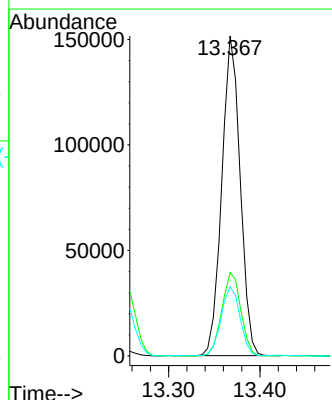
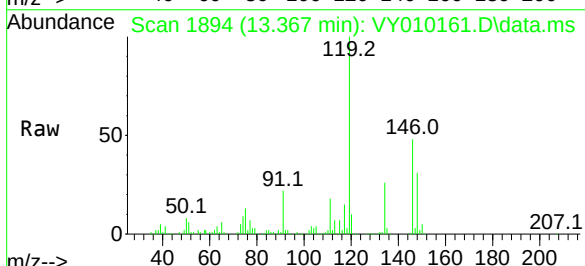
Tgt Ion:119 Resp: 211828

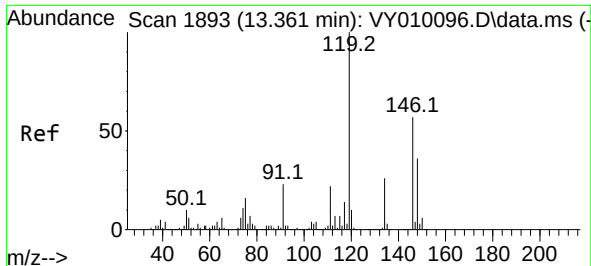
Ion Ratio Lower Upper

119 100

134 27.0 13.6 40.7

91 22.2 11.2 33.6

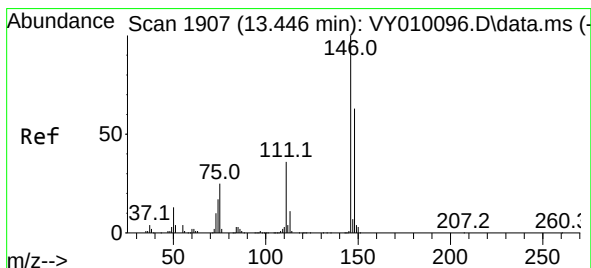
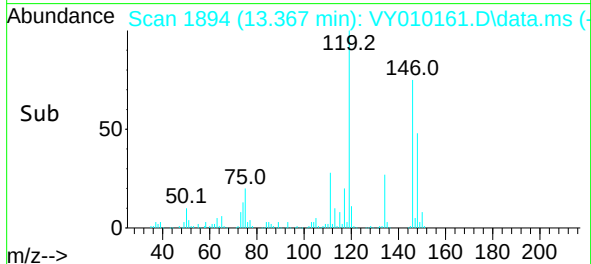
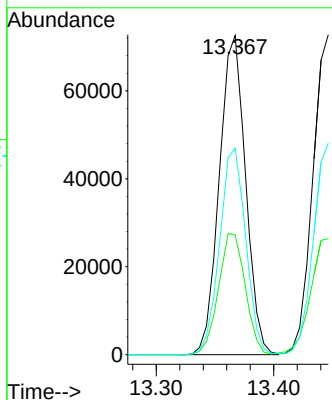
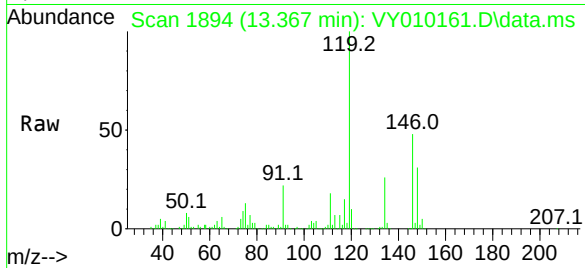




#87
 1,3-Dichlorobenzene
 Concen: 19.447 ug/l
 RT: 13.367 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VY010161.D
 Acq: 23 Aug 2022 13:37

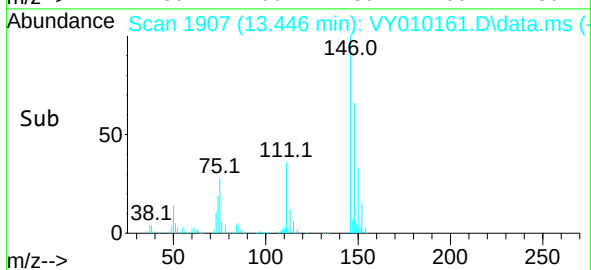
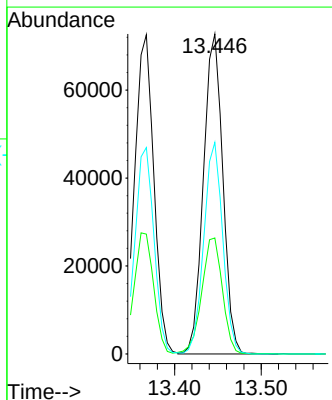
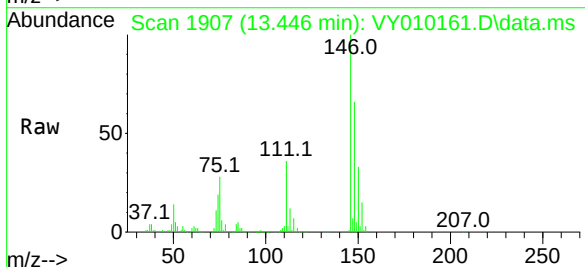
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0823SBS01

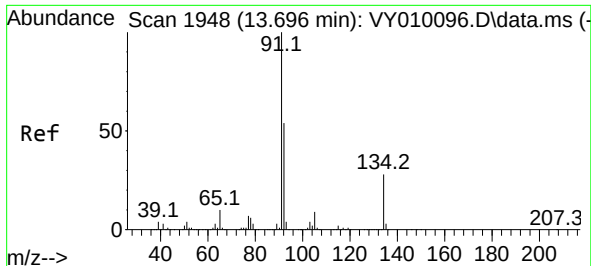
Tgt Ion:146 Resp: 112846
 Ion Ratio Lower Upper
 146 100
 111 38.8 19.1 57.3
 148 64.5 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 19.467 ug/l
 RT: 13.446 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY010161.D
 Acq: 23 Aug 2022 13:37

Tgt Ion:146 Resp: 113106
 Ion Ratio Lower Upper
 146 100
 111 38.7 18.7 56.1
 148 64.7 31.8 95.4





#89

n-Butylbenzene

Concen: 19.543 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY010161.D

Acq: 23 Aug 2022 13:37

Instrument :

MSVOA_Y

ClientSampleId :

VY0823SBS01

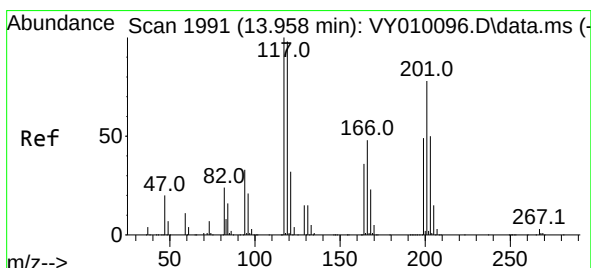
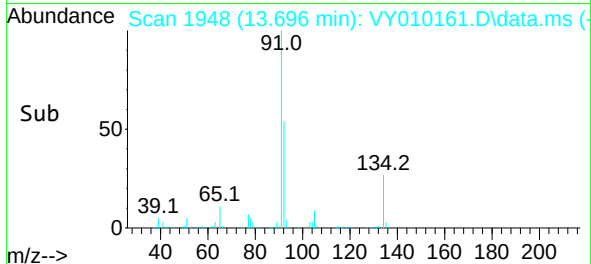
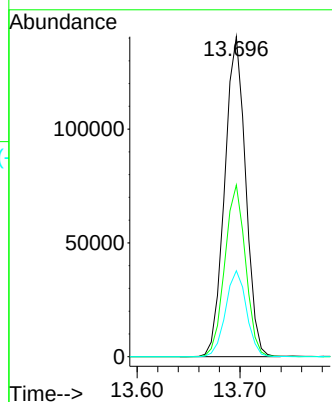
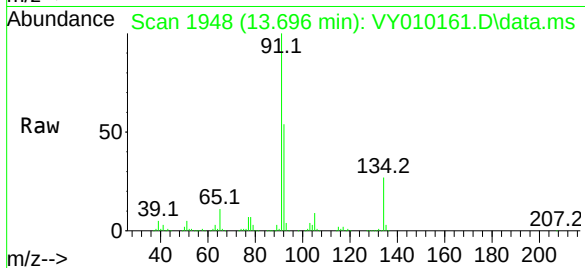
Tgt Ion: 91 Resp: 198656

Ion Ratio Lower Upper

91 100

92 53.1 26.8 80.3

134 26.8 13.4 40.1



#90

Hexachloroethane

Concen: 19.474 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.001 min

Lab File: VY010161.D

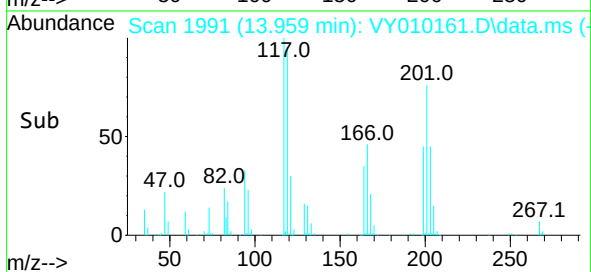
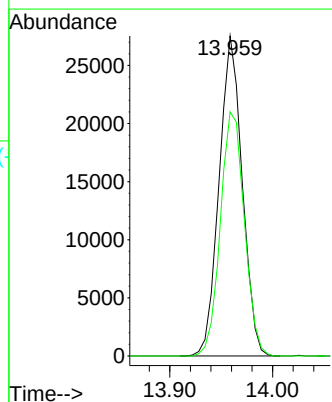
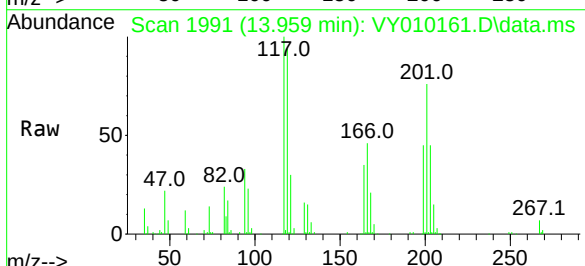
Acq: 23 Aug 2022 13:37

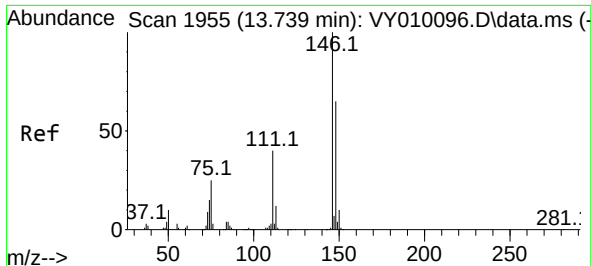
Tgt Ion: 117 Resp: 42883

Ion Ratio Lower Upper

117 100

201 79.2 38.6 115.8





#91

1,2-Dichlorobenzene

Concen: 20.061 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY010161.D

Acq: 23 Aug 2022 13:37

Instrument :

MSVOA_Y

ClientSampleId :

VY0823SBS01

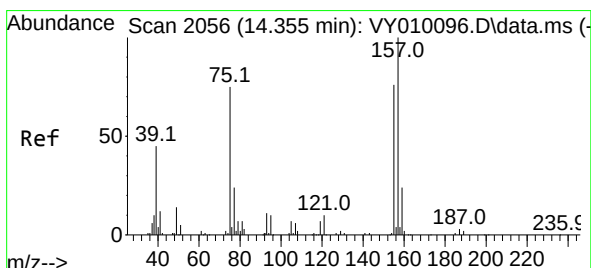
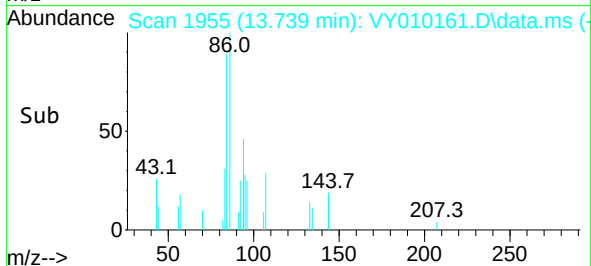
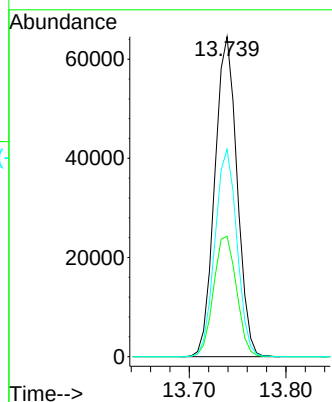
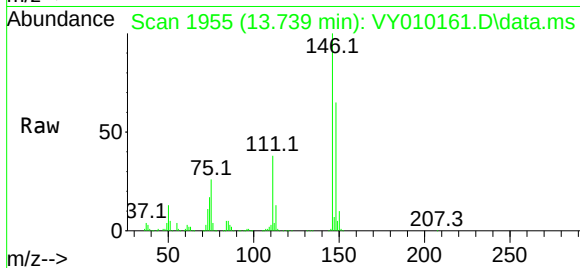
Tgt Ion:146 Resp: 103333

Ion Ratio Lower Upper

146 100

111 38.8 20.0 60.0

148 64.0 32.0 96.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.432 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY010161.D

Acq: 23 Aug 2022 13:37

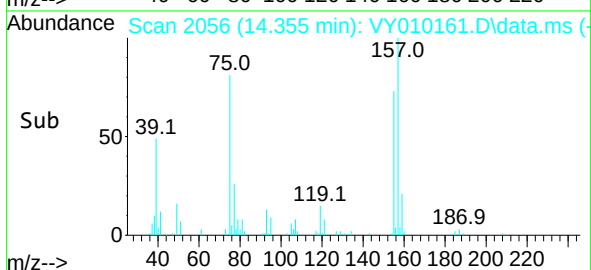
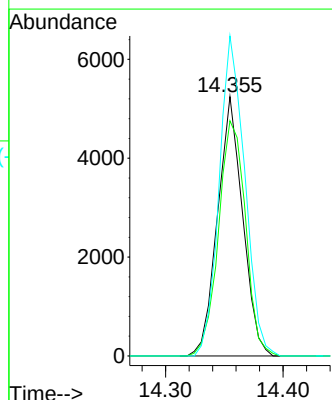
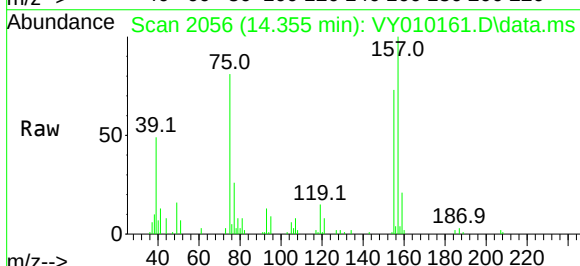
Tgt Ion: 75 Resp: 7765

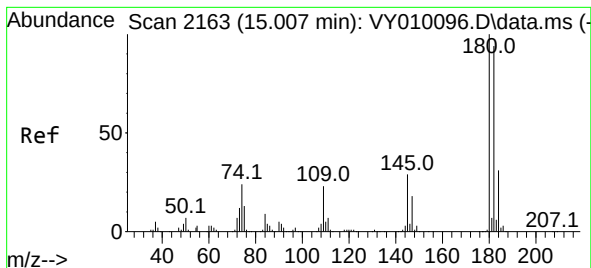
Ion Ratio Lower Upper

75 100

155 97.5 49.1 147.4

157 126.3 62.3 186.8





#93

1,2,4-Trichlorobenzene

Concen: 20.395 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY010161.D

Acq: 23 Aug 2022 13:37

Instrument :

MSVOA_Y

ClientSampleId :

VY0823SBS01

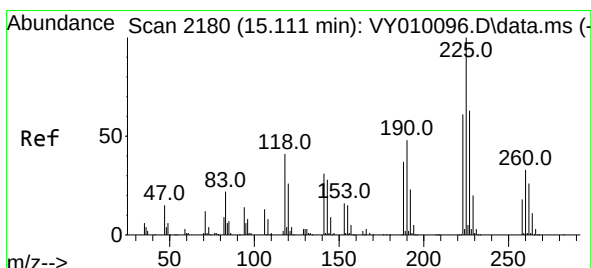
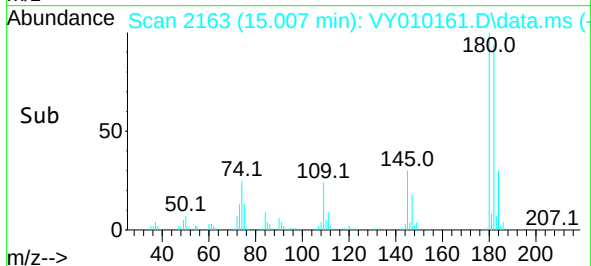
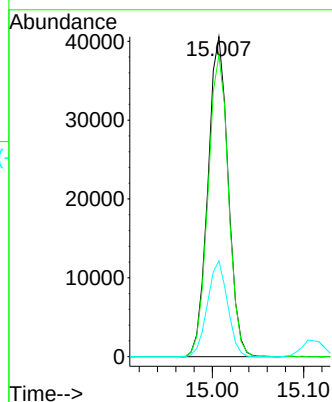
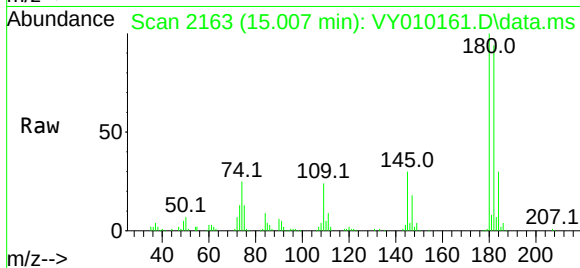
Tgt Ion:180 Resp: 62284

Ion Ratio Lower Upper

180 100

182 95.0 47.6 142.8

145 29.6 15.0 45.0



#94

Hexachlorobutadiene

Concen: 20.472 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY010161.D

Acq: 23 Aug 2022 13:37

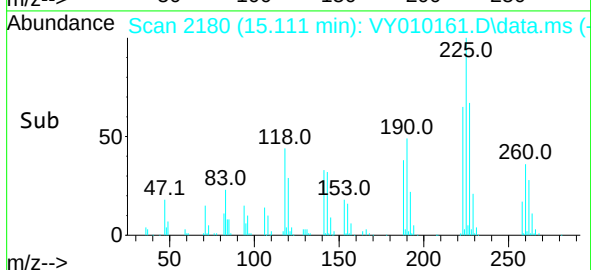
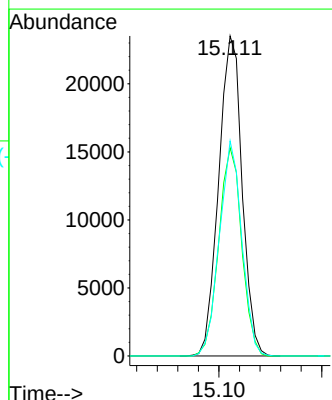
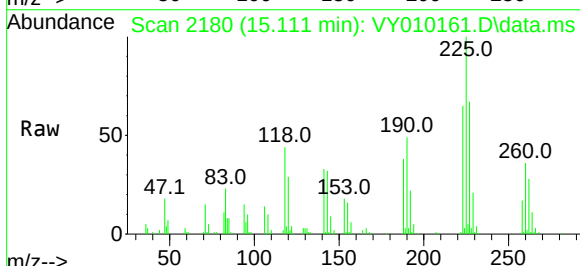
Tgt Ion:225 Resp: 37117

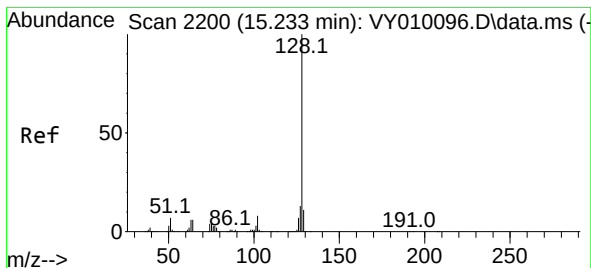
Ion Ratio Lower Upper

225 100

223 63.7 31.1 93.5

227 64.4 32.0 96.2





#95

Naphthalene

Concen: 21.436 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY010161.D

Acq: 23 Aug 2022 13:37

Instrument :

MSVOA_Y

ClientSampleId :

VY0823SBS01

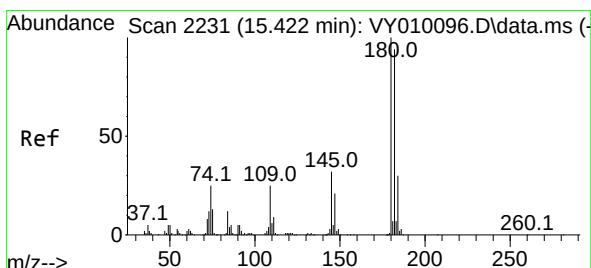
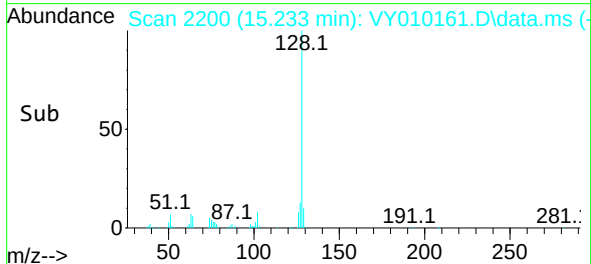
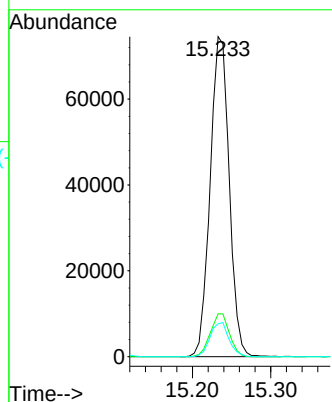
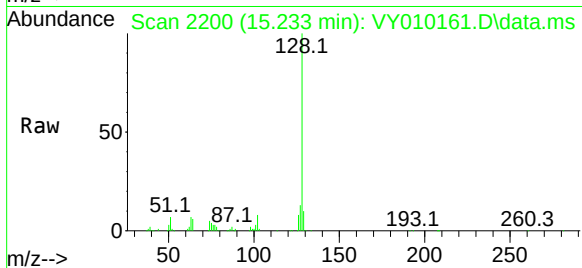
Tgt Ion:128 Resp: 125915

Ion Ratio Lower Upper

128 100

127 13.4 10.2 15.2

129 10.6 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 20.645 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY010161.D

Acq: 23 Aug 2022 13:37

Tgt Ion:180 Resp: 54945

Ion Ratio Lower Upper

180 100

182 95.2 47.0 141.2

145 31.4 16.0 47.9

