

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091924\
 Data File : VY019621.D
 Acq On : 19 Sep 2024 09:24
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 20 01:25:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 09 16:00:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	362445	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	632522	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	531133	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	248166	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	175189	52.199	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.400%	
35) Dibromofluoromethane	7.634	113	181412	50.585	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.160%	
50) Toluene-d8	10.109	98	676822	51.024	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.040%	
62) 4-Bromofluorobenzene	12.408	95	234017	45.882	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 91.760%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.867	85	86538	43.120	ug/l	100
3) Chloromethane	2.074	50	142746	47.602	ug/l	97
4) Vinyl Chloride	2.208	62	175795	54.214	ug/l	100
5) Bromomethane	2.598	94	119637	60.066	ug/l	97
6) Chloroethane	2.739	64	122099	57.601	ug/l	98
7) Trichlorofluoromethane	3.062	101	292364	54.089	ug/l	97
8) Diethyl Ether	3.458	74	84125	46.366	ug/l	83
9) 1,1,2-Trichlorotrifluo...	3.818	101	179814	53.777	ug/l	94
10) Methyl Iodide	4.007	142	186207	43.435	ug/l	91
11) Tert butyl alcohol	4.860	59	63239	233.323	ug/l	# 81
12) 1,1-Dichloroethene	3.793	96	163689	50.903	ug/l	87
13) Acrolein	3.659	56	21951	163.260	ug/l	96
14) Allyl chloride	4.385	41	281402	48.798	ug/l	# 94
15) Acrylonitrile	5.055	53	183836	234.985	ug/l	98
16) Acetone	3.866	43	239027	298.950	ug/l	# 86
17) Carbon Disulfide	4.110	76	431119	49.621	ug/l	99
18) Methyl Acetate	4.385	43	93695	43.181	ug/l	91
19) Methyl tert-butyl Ether	5.116	73	438221	48.116	ug/l	100
20) Methylene Chloride	4.616	84	176077	48.288	ug/l	# 86
21) trans-1,2-Dichloroethene	5.110	96	181918	51.613	ug/l	93
22) Diisopropyl ether	6.012	45	593402	50.110	ug/l	91
23) Vinyl Acetate	5.957	43	1651717	244.192	ug/l	# 93
24) 1,1-Dichloroethane	5.915	63	350017	52.673	ug/l	97
25) 2-Butanone	6.890	43	292244	256.992	ug/l	# 88
26) 2,2-Dichloropropane	6.884	77	327950	54.713	ug/l	96
27) cis-1,2-Dichloroethene	6.890	96	220175	51.425	ug/l	87
28) Bromochloromethane	7.244	49	153080	54.751	ug/l	83
29) Tetrahydrofuran	7.262	42	154960	224.119	ug/l	87
30) Chloroform	7.421	83	361022	53.220	ug/l	100
31) Cyclohexane	7.701	56	293149	48.806	ug/l	96
32) 1,1,1-Trichloroethane	7.616	97	329508	54.193	ug/l	97
36) 1,1-Dichloropropene	7.835	75	254812	52.217	ug/l	97
37) Ethyl Acetate	6.982	43	112541	45.010	ug/l	97
38) Carbon Tetrachloride	7.817	117	288918	52.502	ug/l	99
39) Methylcyclohexane	9.109	83	325306	50.092	ug/l	93
40) Benzene	8.079	78	762736	50.746	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.213	41	60632	41.600	ug/l	89
42) 1,2-Dichloroethane	8.158	62	203722	50.371	ug/l	96
43) Isopropyl Acetate	8.195	43	232729	44.304	ug/l	91
44) Trichloroethene	8.865	130	193289	50.004	ug/l	98
45) 1,2-Dichloropropane	9.140	63	182246	49.597	ug/l	98
46) Dibromomethane	9.231	93	98397	48.968	ug/l	95
47) Bromodichloromethane	9.426	83	273518	50.637	ug/l	98
48) Methyl methacrylate	9.219	41	109019	43.948	ug/l	86
49) 1,4-Dioxane	9.231	88	20939	885.169	ug/l #	90
51) 4-Methyl-2-Pentanone	9.999	43	586646	221.983	ug/l	92
52) Toluene	10.170	92	498094	51.527	ug/l	98
53) t-1,3-Dichloropropene	10.396	75	243463	47.283	ug/l	97
54) cis-1,3-Dichloropropene	9.859	75	291705	48.653	ug/l #	87
55) 1,1,2-Trichloroethane	10.572	97	132916	47.899	ug/l	95
56) Ethyl methacrylate	10.444	69	191170	45.351	ug/l #	81
57) 1,3-Dichloropropane	10.719	76	229726	48.161	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	485537	248.172	ug/l	97
59) 2-Hexanone	10.761	43	455554	235.126	ug/l	90
60) Dibromochloromethane	10.914	129	176695	48.136	ug/l	100
61) 1,2-Dibromoethane	11.018	107	120146	46.469	ug/l	99
64) Tetrachloroethene	10.652	164	165818	50.415	ug/l	97
65) Chlorobenzene	11.444	112	531412	50.864	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.517	131	182594	50.477	ug/l	99
67) Ethyl Benzene	11.524	91	973191	52.424	ug/l	100
68) m/p-Xylenes	11.633	106	728229	103.745	ug/l	94
69) o-Xylene	11.956	106	346596	50.489	ug/l	94
70) Styrene	11.969	104	583092	50.309	ug/l	97
71) Bromoform	12.133	173	96674	46.790	ug/l #	97
73) Isopropylbenzene	12.255	105	947983	52.655	ug/l	99
74) N-amyl acetate	12.072	43	214723	43.853	ug/l	89
75) 1,1,2,2-Tetrachloroethane	12.511	83	151227	47.324	ug/l	100
76) 1,2,3-Trichloropropane	12.560	75	196668	84.551	ug/l #	100
77) Bromobenzene	12.536	156	195675	49.005	ug/l	91
78) n-propylbenzene	12.597	91	1129889	52.949	ug/l	99
79) 2-Chlorotoluene	12.682	91	633336	50.928	ug/l	96
80) 1,3,5-Trimethylbenzene	12.737	105	750862	51.302	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.304	75	51218	42.271	ug/l	90
82) 4-Chlorotoluene	12.779	91	638811	49.965	ug/l	98
83) tert-Butylbenzene	12.999	119	686822	51.835	ug/l	96
84) 1,2,4-Trimethylbenzene	13.048	105	738688	50.987	ug/l	98
85) sec-Butylbenzene	13.176	105	1015176	52.740	ug/l	99
86) p-Isopropyltoluene	13.292	119	823794	52.309	ug/l	97
87) 1,3-Dichlorobenzene	13.292	146	392366	50.570	ug/l	98
88) 1,4-Dichlorobenzene	13.371	146	387363	50.306	ug/l	96
89) n-Butylbenzene	13.621	91	790162	52.483	ug/l	99
90) Hexachloroethane	13.883	117	166220	50.726	ug/l	91
91) 1,2-Dichlorobenzene	13.657	146	337632	48.765	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	23012	43.208	ug/l	82
93) 1,2,4-Trichlorobenzene	14.919	180	187746	44.584	ug/l	98
94) Hexachlorobutadiene	15.023	225	103841	46.159	ug/l	99
95) Naphthalene	15.145	128	349608	41.457	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	155375	43.136	ug/l	98

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QLast Update : Mon Sep 09 16:00:30 2024
Response via : Initial Calibration

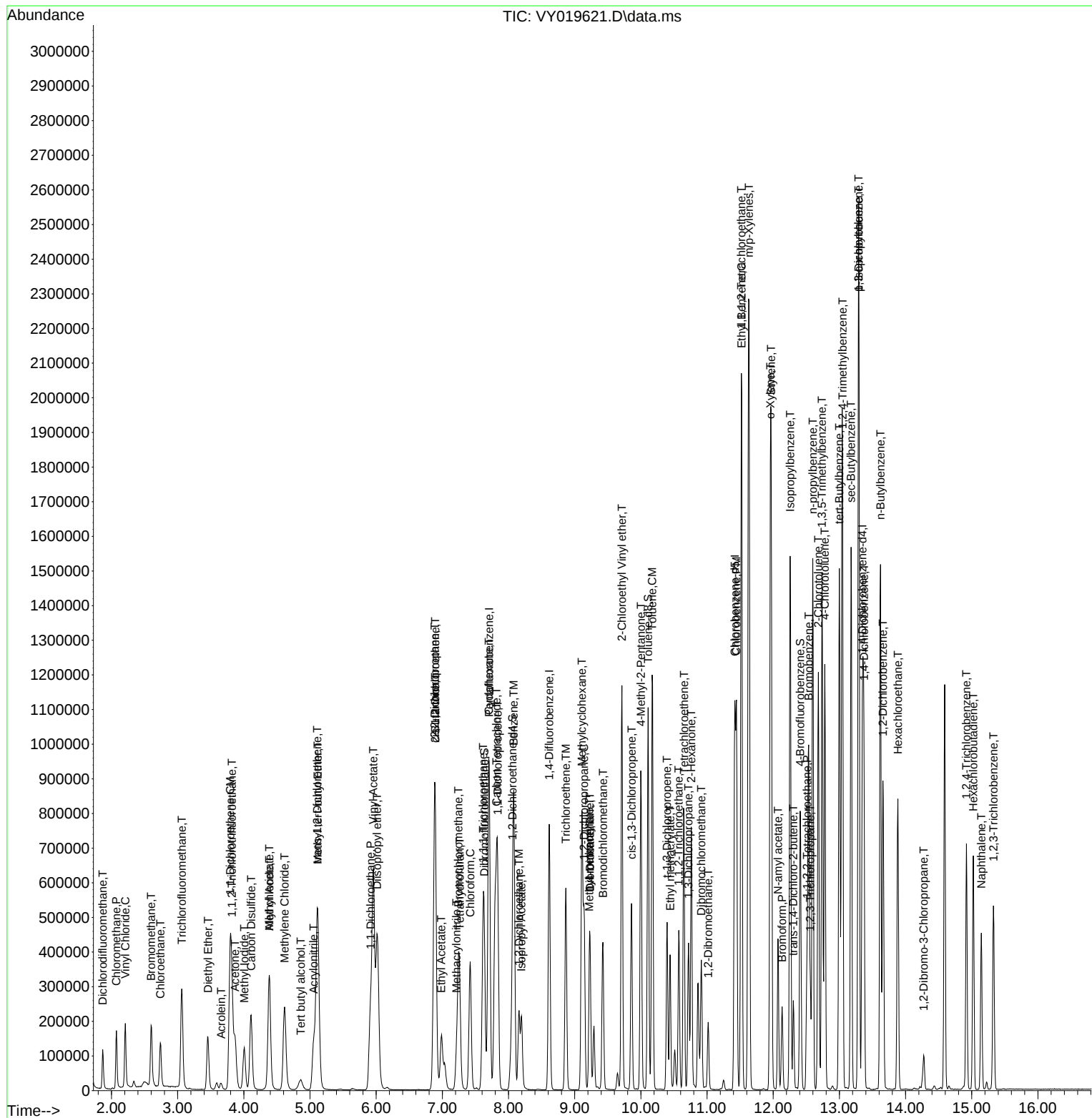
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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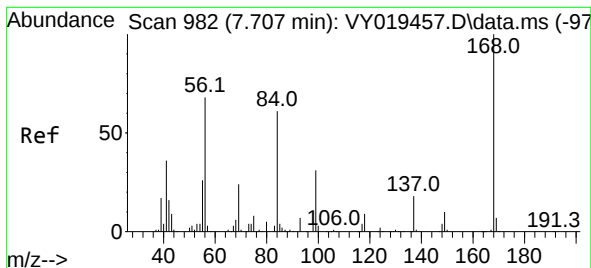
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.707 min Scan# 91

Delta R.T. 0.000 min

Lab File: VY019621.D

Acq: 19 Sep 2024 09:24

Instrument :

MSVOA_Y

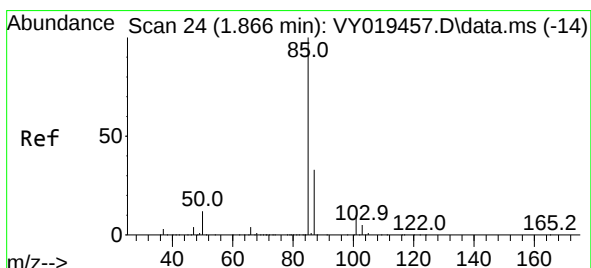
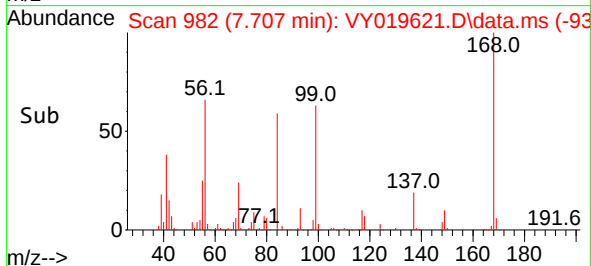
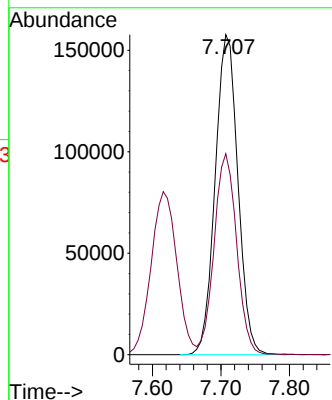
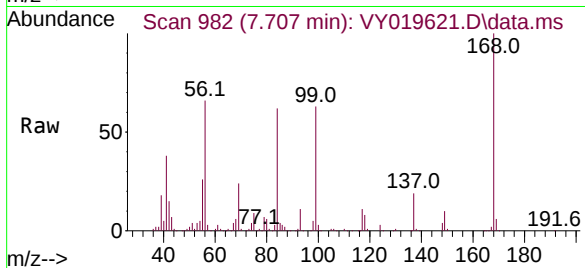
ClientSampleId :

Tgt Ion:168 Resp: 362445

Ion Ratio Lower Upper

168 100

99 62.7 39.1 58.7#



#2

Dichlorodifluoromethane

Concen: 43.120 ug/l

RT: 1.867 min Scan# 24

Delta R.T. 0.001 min

Lab File: VY019621.D

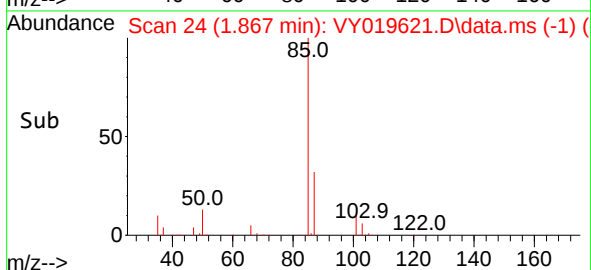
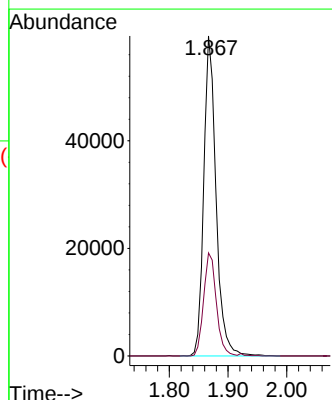
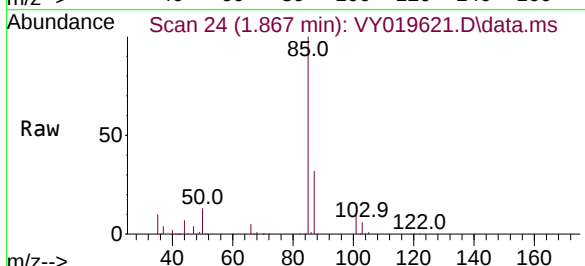
Acq: 19 Sep 2024 09:24

Tgt Ion: 85 Resp: 86538

Ion Ratio Lower Upper

85 100

87 32.2 16.0 48.0

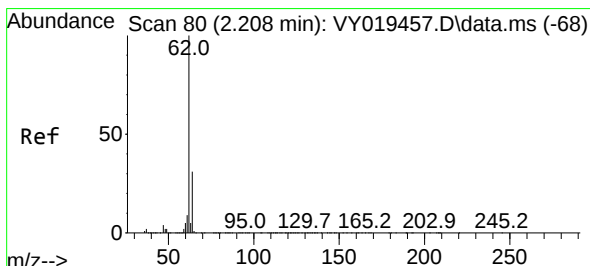
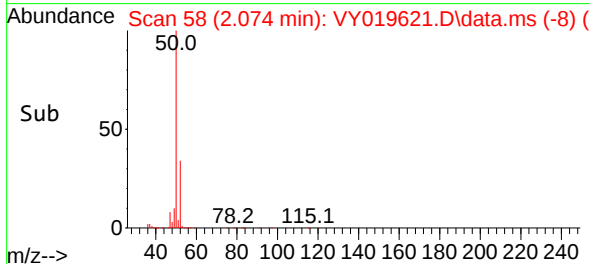
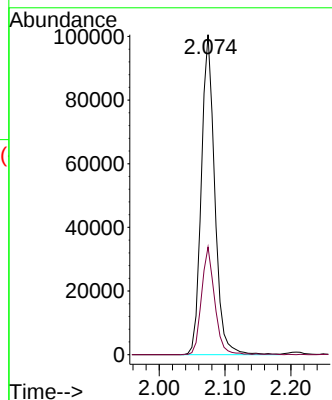
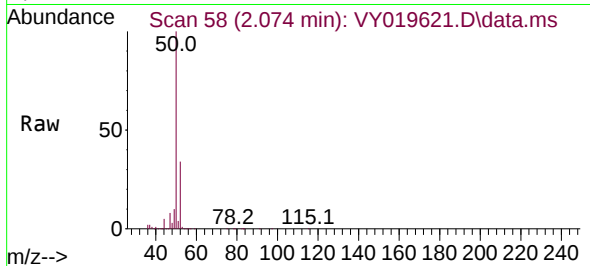




#3
Chloromethane
Concen: 47.602 ug/l
RT: 2.074 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY019621.D
Acq: 19 Sep 2024 09:24

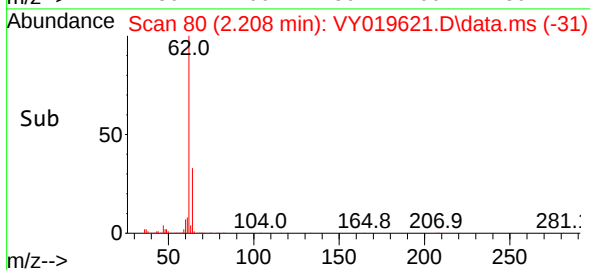
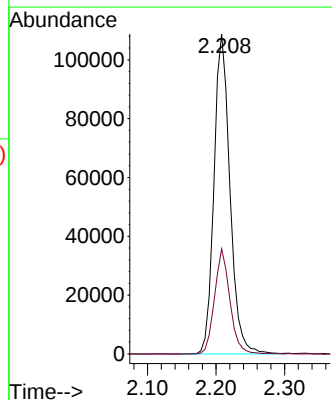
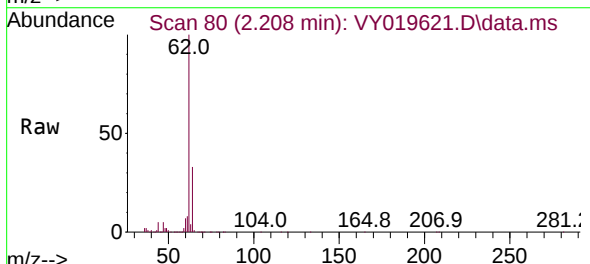
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 50 Resp: 142746
Ion Ratio Lower Upper
50 100
52 33.7 25.6 38.4



#4
Vinyl Chloride
Concen: 54.214 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.000 min
Lab File: VY019621.D
Acq: 19 Sep 2024 09:24

Tgt Ion: 62 Resp: 175795
Ion Ratio Lower Upper
62 100
64 32.8 26.1 39.1

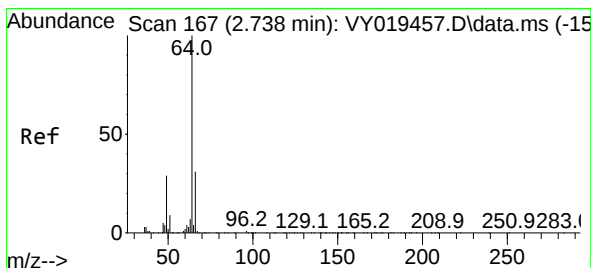
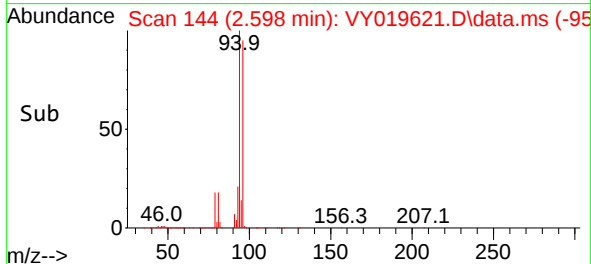
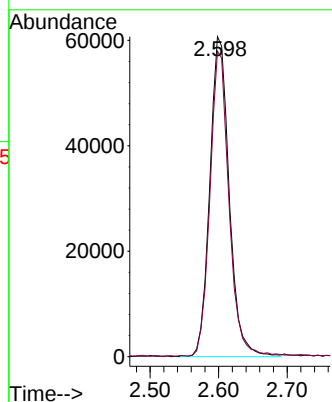
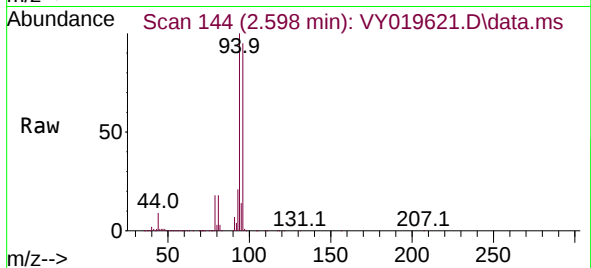




#5
Bromomethane
Concen: 60.066 ug/l
RT: 2.598 min Scan# 144
Delta R.T. 0.000 min
Lab File: VY019621.D
Acq: 19 Sep 2024 09:24

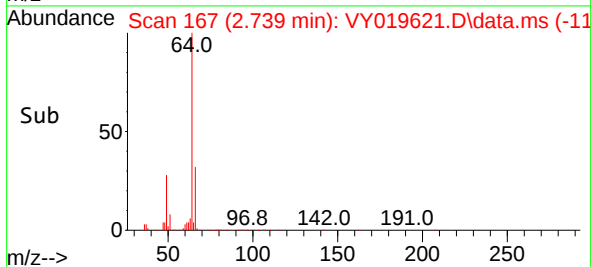
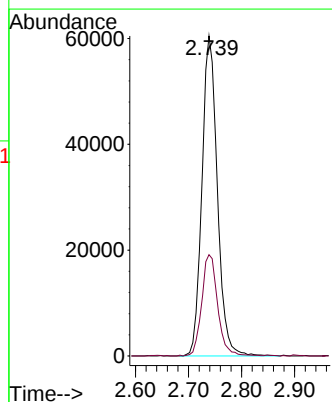
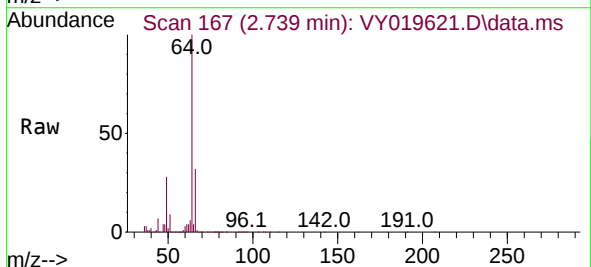
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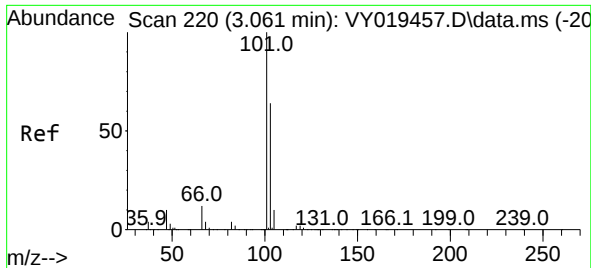
Tgt Ion: 94 Resp: 119637
Ion Ratio Lower Upper
94 100
96 95.2 74.1 111.1



#6
Chloroethane
Concen: 57.601 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.000 min
Lab File: VY019621.D
Acq: 19 Sep 2024 09:24

Tgt Ion: 64 Resp: 122099
Ion Ratio Lower Upper
64 100
66 31.6 26.1 39.1

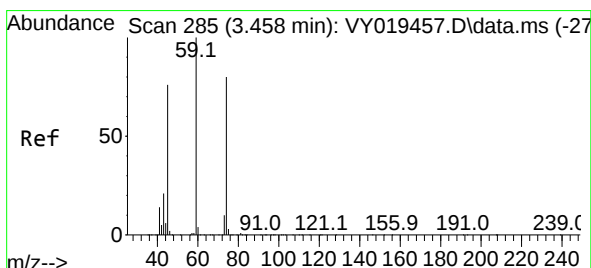
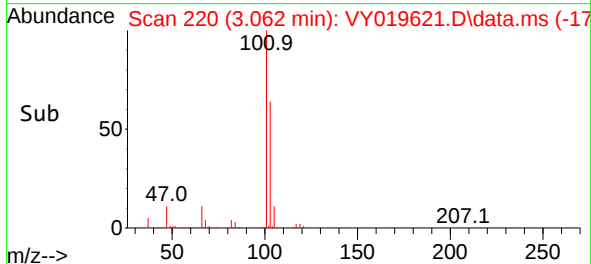
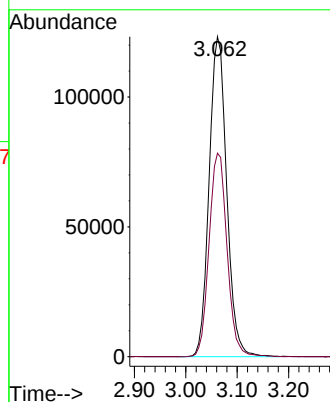
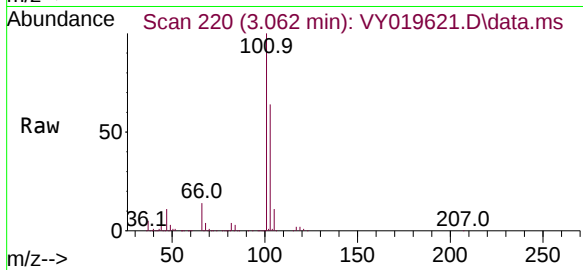




#7
 Trichlorofluoromethane
 Concen: 54.089 ug/l
 RT: 3.062 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VY019621.D
 Acq: 19 Sep 2024 09:24

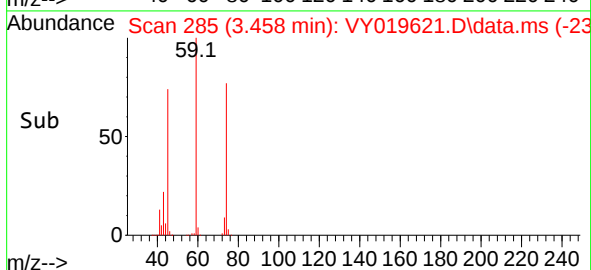
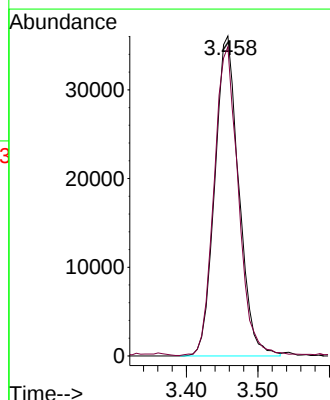
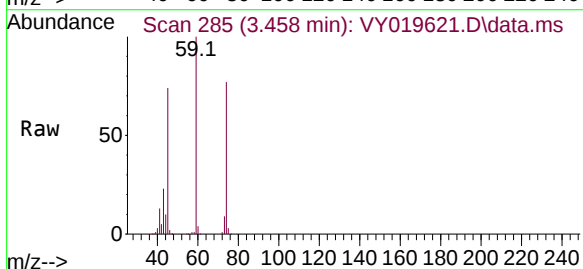
Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion:101 Resp: 292364
 Ion Ratio Lower Upper
 101 100
 103 63.6 49.3 73.9



#8
 Diethyl Ether
 Concen: 46.366 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. 0.000 min
 Lab File: VY019621.D
 Acq: 19 Sep 2024 09:24

Tgt Ion: 74 Resp: 84125
 Ion Ratio Lower Upper
 74 100
 45 97.6 41.3 124.1

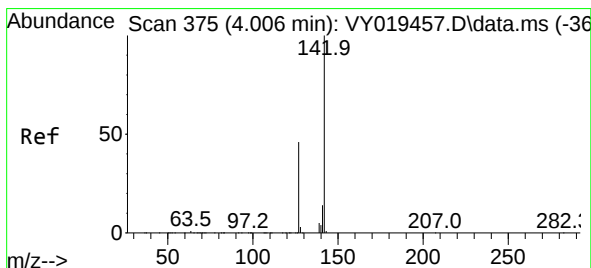
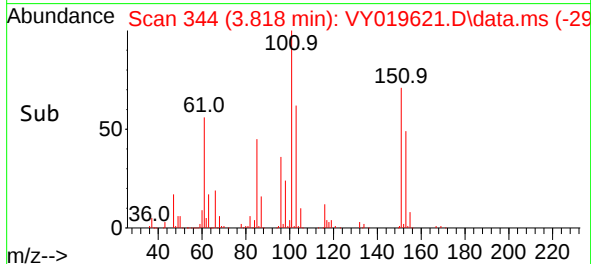
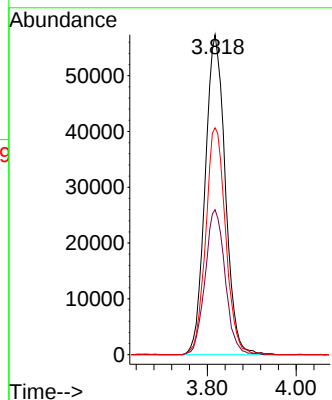
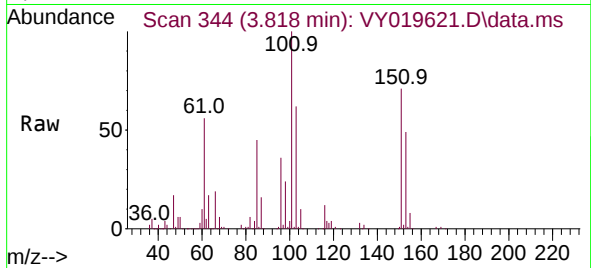




#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.777 ug/l
RT: 3.818 min Scan# 343
Delta R.T. 0.006 min
Lab File: VY019621.D
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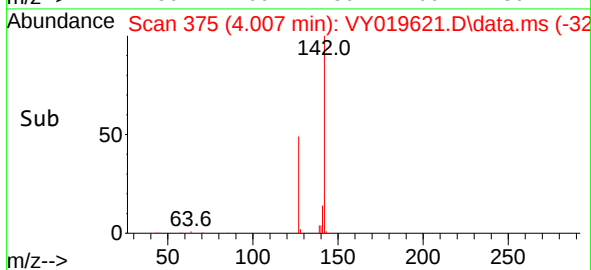
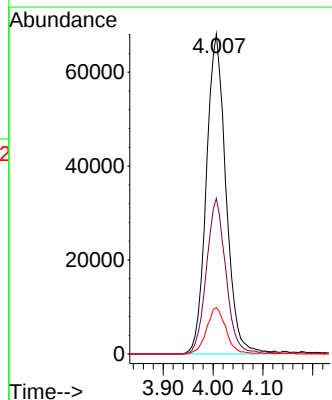
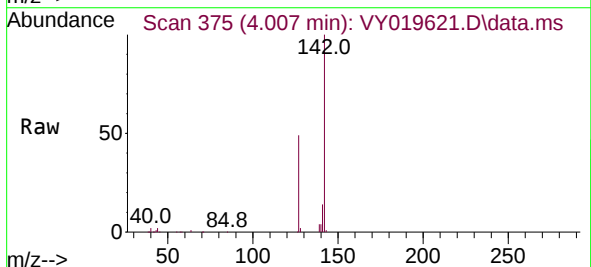
Instrument :
MSVOA_Y
ClientSampleId :

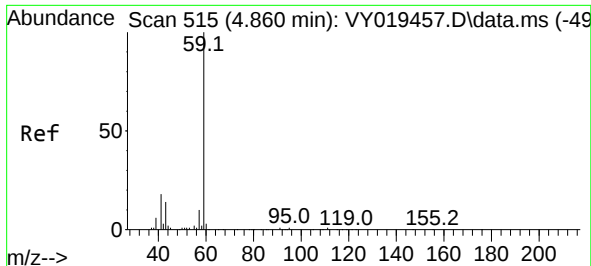
Tgt Ion:101 Resp: 179814
Ion Ratio Lower Upper
101 100
85 45.4 34.5 51.7
151 70.7 61.7 92.5



#10
Methyl Iodide
Concen: 43.435 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.000 min
Lab File: VY019621.D
Acq: 19 Sep 2024 09:24

Tgt Ion:142 Resp: 186207
Ion Ratio Lower Upper
142 100
127 48.4 32.8 49.2
141 14.3 11.4 17.2





#11

Tert butyl alcohol

Concen: 233.323 ug/l

RT: 4.860 min Scan# 515

Delta R.T. 0.000 min

Lab File: VY019621.D

Acq: 19 Sep 2024 09:24

Instrument :

MSVOA_Y

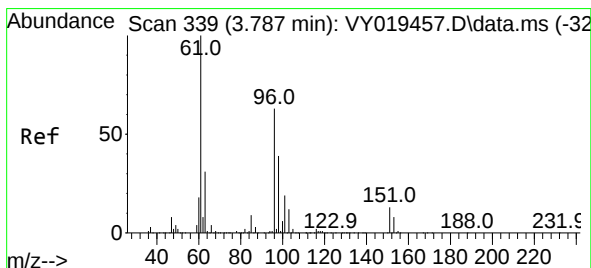
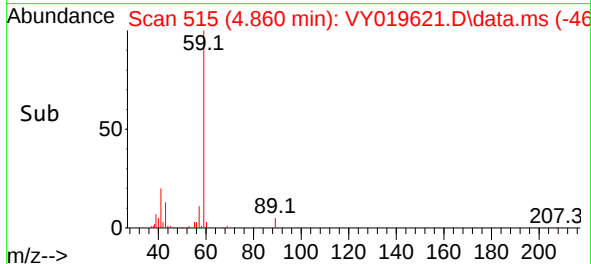
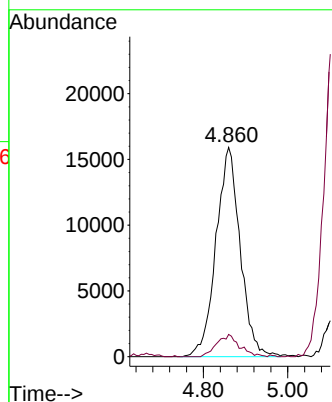
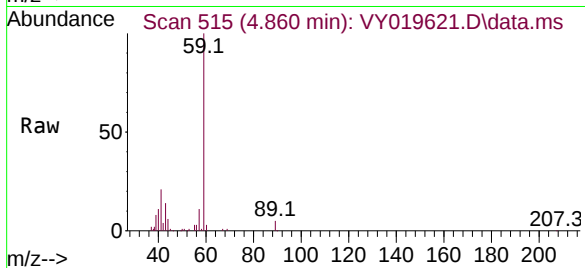
ClientSampleId :

Tgt Ion: 59 Resp: 63239

Ion Ratio Lower Upper

59 100

57 10.0 3.0 4.6#



#12

1,1-Dichloroethene

Concen: 50.903 ug/l

RT: 3.793 min Scan# 340

Delta R.T. 0.006 min

Lab File: VY019621.D

Acq: 19 Sep 2024 09:24

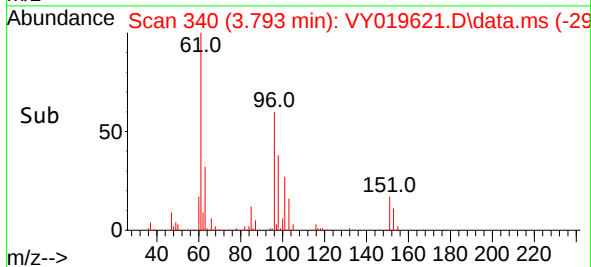
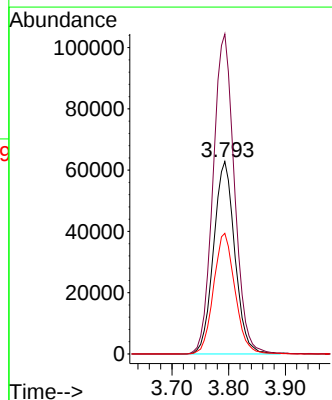
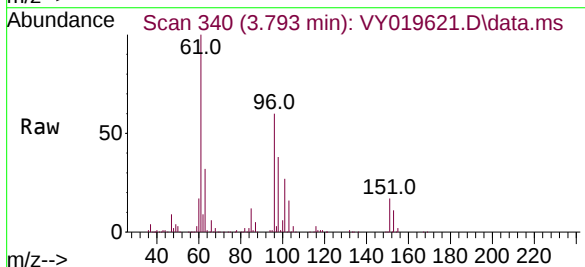
Tgt Ion: 96 Resp: 163689

Ion Ratio Lower Upper

96 100

61 166.2 114.6 171.8

98 62.7 50.8 76.2





#13

Acrolein

Concen: 163.260 ug/l

RT: 3.659 min Scan# 317

Delta R.T. 0.006 min

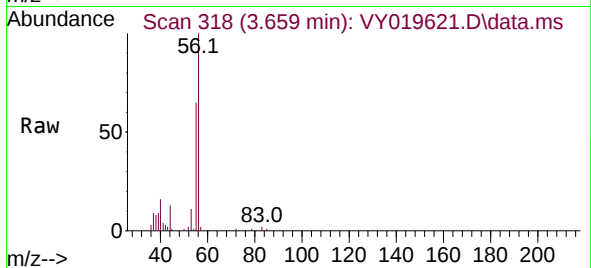
Lab File: VY019621.D

Acq: 19 Sep 2024 09:24

Instrument :

MSVOA_Y

ClientSampleId :

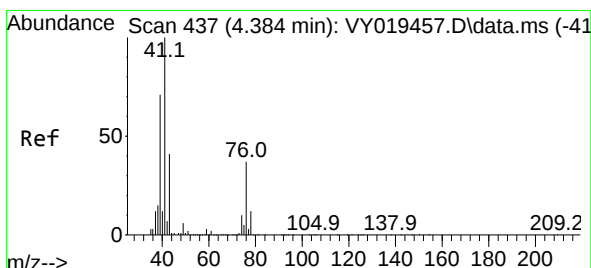
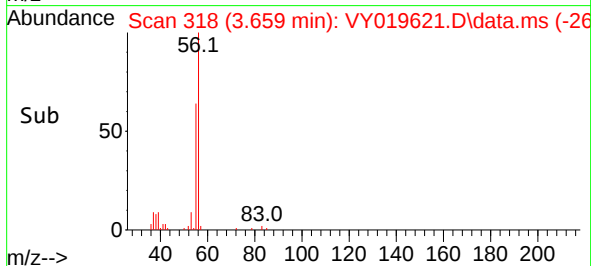
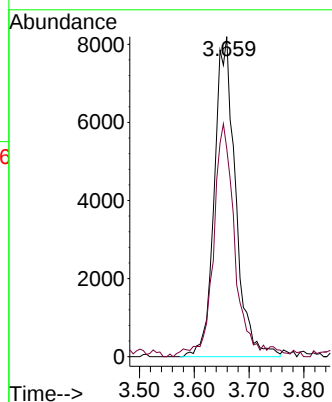


Tgt Ion: 56 Resp: 21951

Ion Ratio Lower Upper

56 100

55 72.6 55.7 83.5



#14

Allyl chloride

Concen: 48.798 ug/l

RT: 4.385 min Scan# 437

Delta R.T. 0.000 min

Lab File: VY019621.D

Acq: 19 Sep 2024 09:24

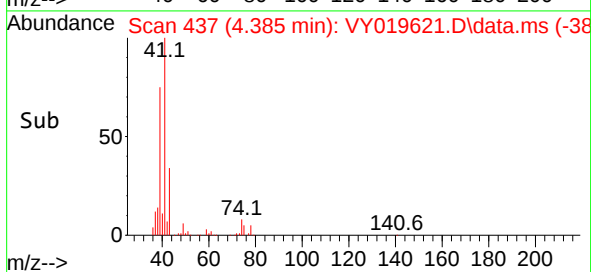
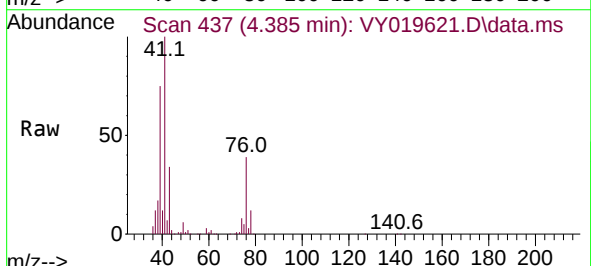
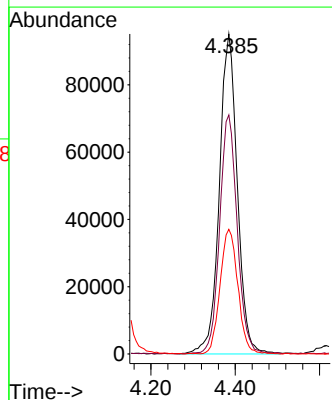
Tgt Ion: 41 Resp: 281402

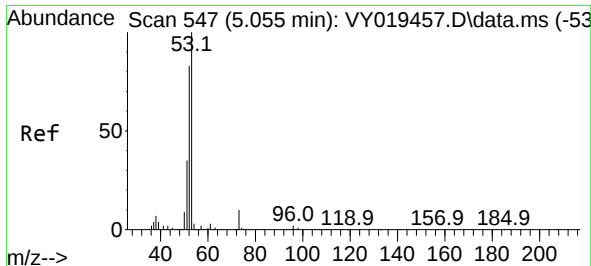
Ion Ratio Lower Upper

41 100

39 73.0 58.3 87.5

76 38.5 39.0 58.6#

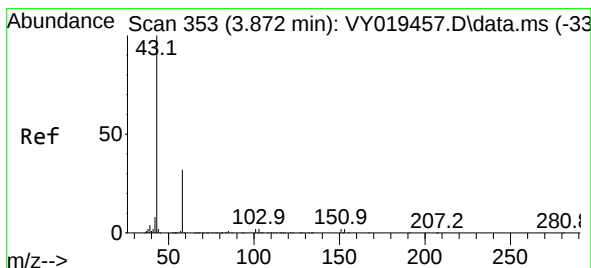
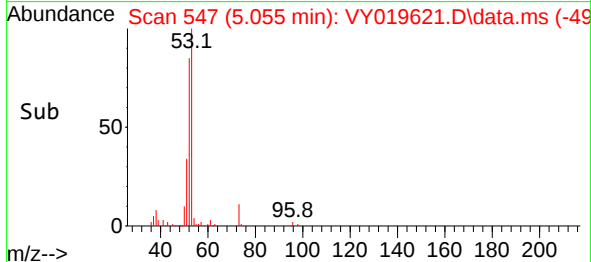
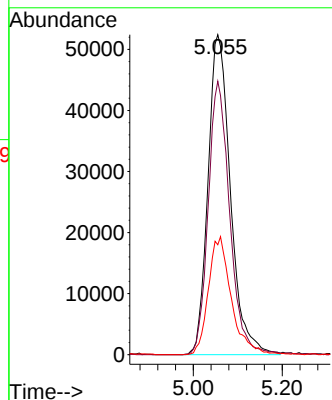
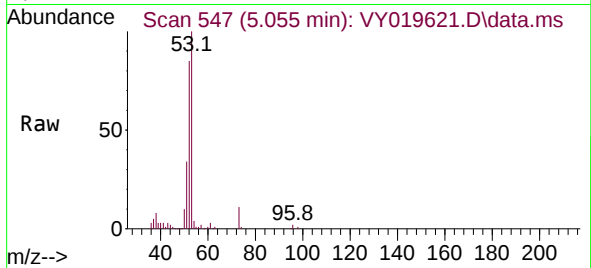




#15
Acrylonitrile
Concen: 234.985 ug/l
RT: 5.055 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY019621.D
Acq: 19 Sep 2024 09:24

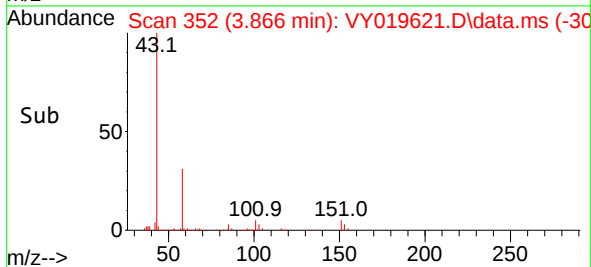
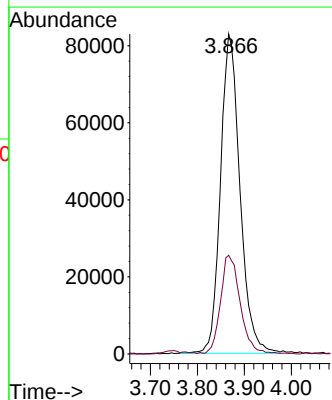
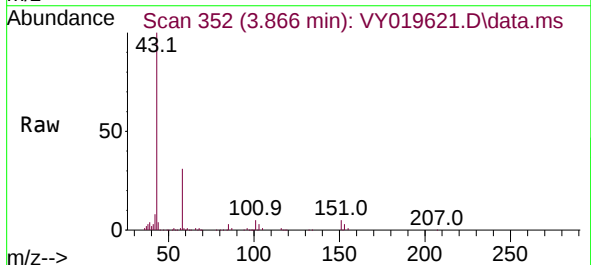
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 53 Resp: 183836
Ion Ratio Lower Upper
53 100
52 82.0 64.7 97.1
51 37.8 28.4 42.6



#16
Acetone
Concen: 298.950 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.006 min
Lab File: VY019621.D
Acq: 19 Sep 2024 09:24

Tgt Ion: 43 Resp: 239027
Ion Ratio Lower Upper
43 100
58 30.7 31.7 47.5#

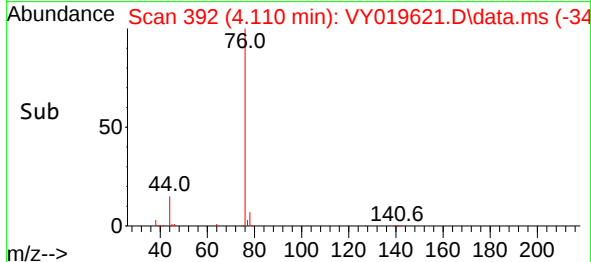
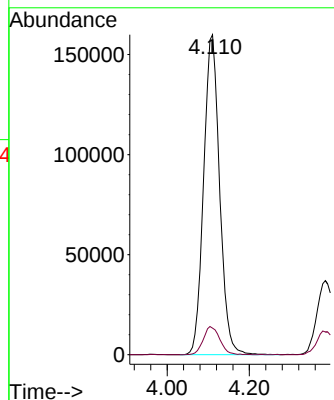
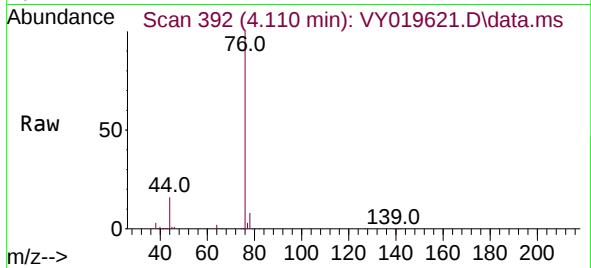




#17
Carbon Disulfide
Concen: 49.621 ug/l
RT: 4.110 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY019621.D
Acq: 19 Sep 2024 09:24

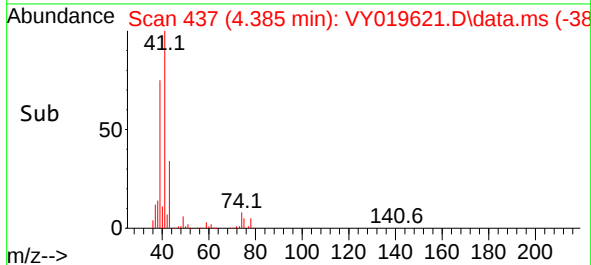
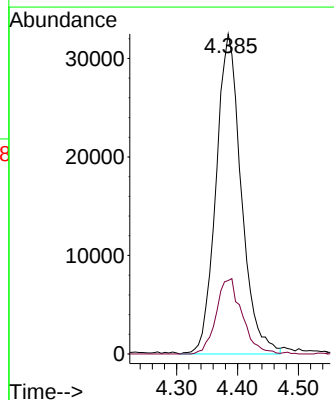
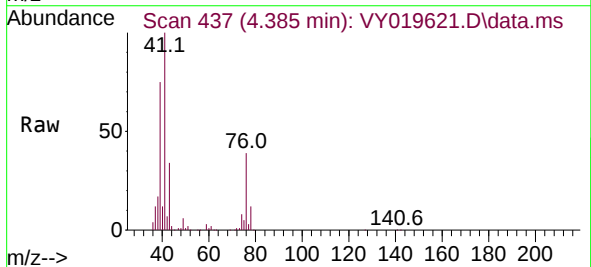
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 76 Resp: 431119
Ion Ratio Lower Upper
76 100
78 8.3 6.8 10.2



#18
Methyl Acetate
Concen: 43.181 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY019621.D
Acq: 19 Sep 2024 09:24

Tgt Ion: 43 Resp: 93695
Ion Ratio Lower Upper
43 100
74 24.1 23.3 34.9

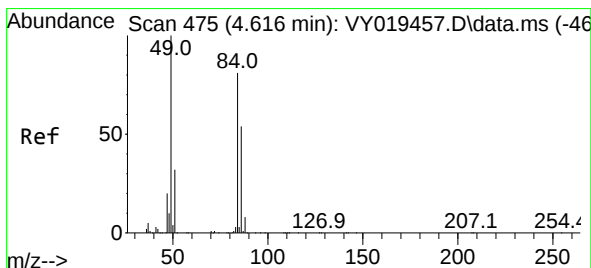
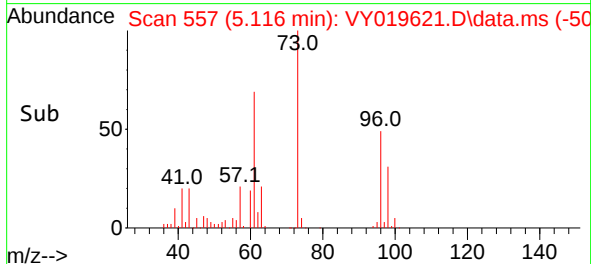
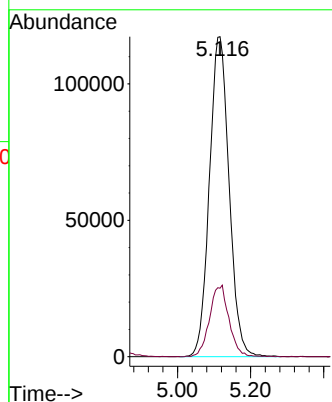
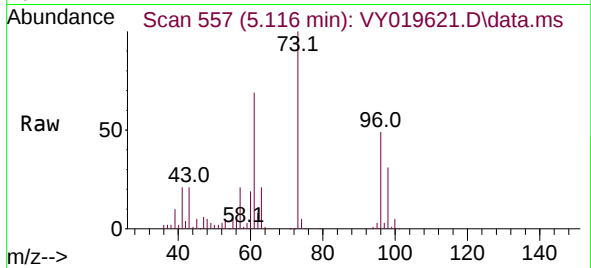




#19
Methyl tert-butyl Ether
Concen: 48.116 ug/l
RT: 5.116 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY019621.D
Acq: 19 Sep 2024 09:24

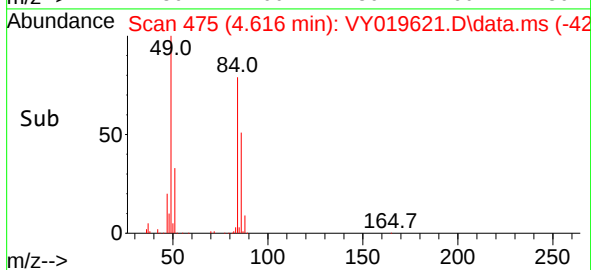
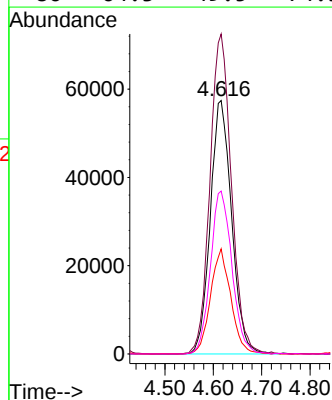
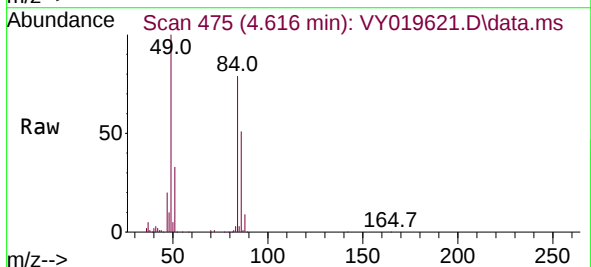
Instrument :
MSVOA_Y
ClientSampleId :

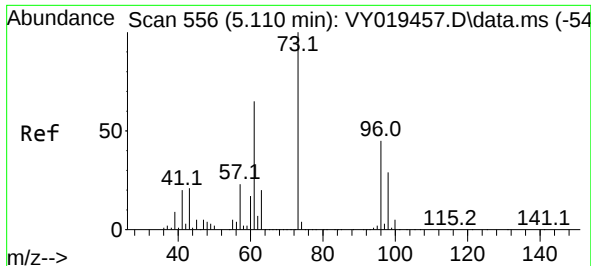
Tgt Ion: 73 Resp: 438221
Ion Ratio Lower Upper
73 100
57 21.4 17.3 25.9



#20
Methylene Chloride
Concen: 48.288 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY019621.D
Acq: 19 Sep 2024 09:24

Tgt Ion: 84 Resp: 176077
Ion Ratio Lower Upper
84 100
49 126.1 84.4 126.6
51 41.5 26.0 39.0#
86 64.3 49.5 74.3

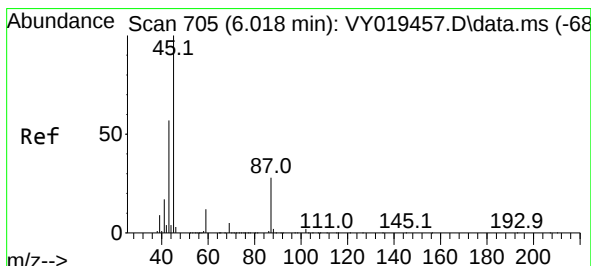
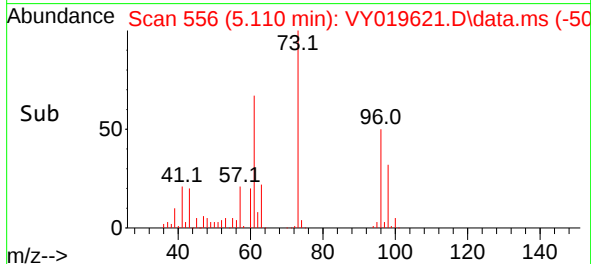
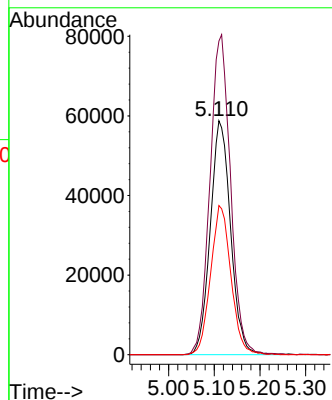
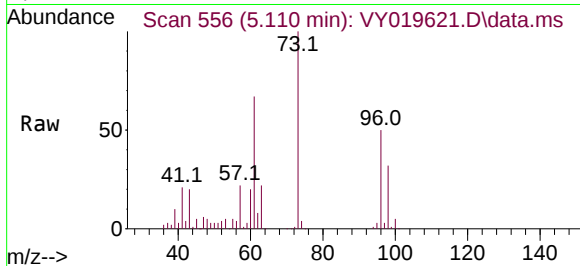




#21
trans-1,2-Dichloroethene
Concen: 51.613 ug/l
RT: 5.110 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY019621.D
Acq: 19 Sep 2024 09:24

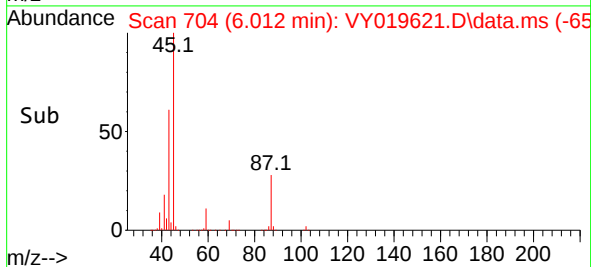
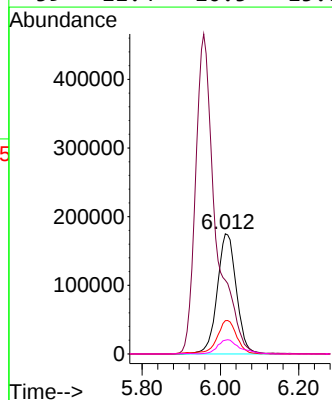
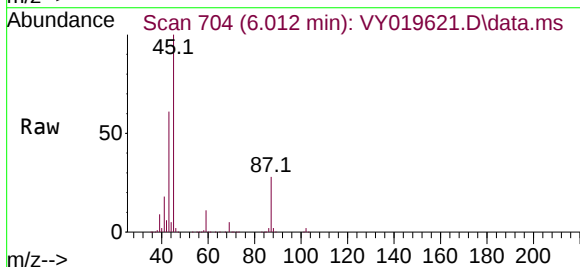
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 96 Resp: 181918
Ion Ratio Lower Upper
96 100
61 134.0 97.5 146.3
98 63.8 50.5 75.7



#22
Diisopropyl ether
Concen: 50.110 ug/l
RT: 6.012 min Scan# 704
Delta R.T. -0.006 min
Lab File: VY019621.D
Acq: 19 Sep 2024 09:24

Tgt Ion: 45 Resp: 593402
Ion Ratio Lower Upper
45 100
43 60.8 42.2 63.2
87 27.6 25.0 37.6
59 11.4 10.5 15.7





#23

Vinyl Acetate

Concen: 244.192 ug/l

RT: 5.957 min Scan# 695

Delta R.T. 0.000 min

Lab File: VY019621.D

Acq: 19 Sep 2024 09:24

Instrument :

MSVOA_Y

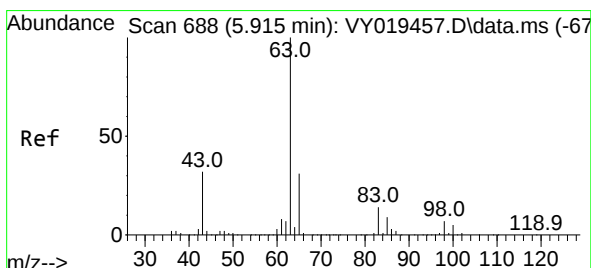
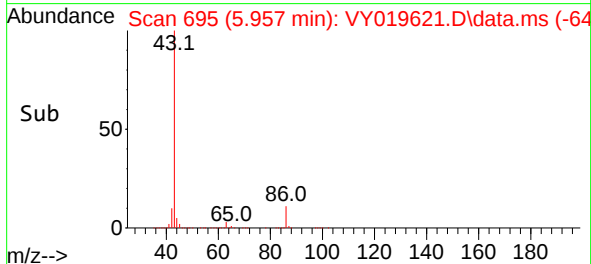
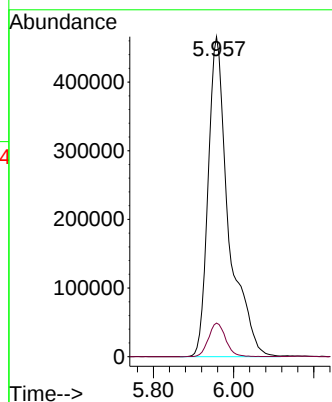
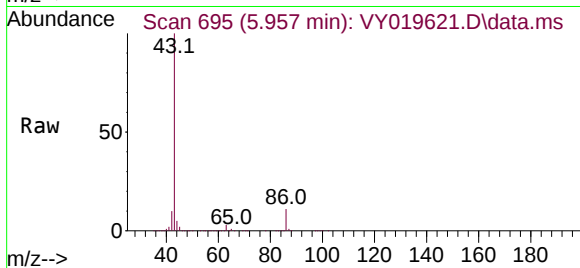
ClientSampleId :

Tgt Ion: 43 Resp: 1651717

Ion Ratio Lower Upper

43 100

86 10.5 10.6 16.0#



#24

1,1-Dichloroethane

Concen: 52.673 ug/l

RT: 5.915 min Scan# 688

Delta R.T. 0.000 min

Lab File: VY019621.D

Acq: 19 Sep 2024 09:24

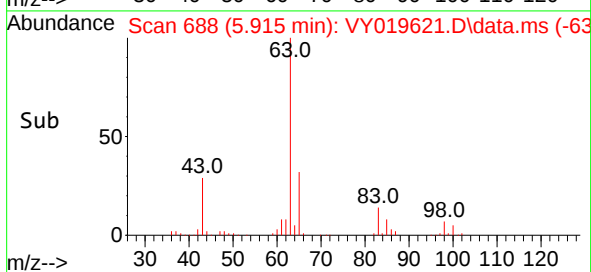
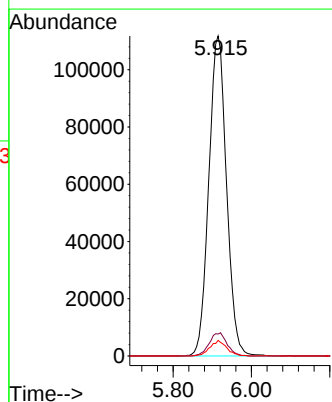
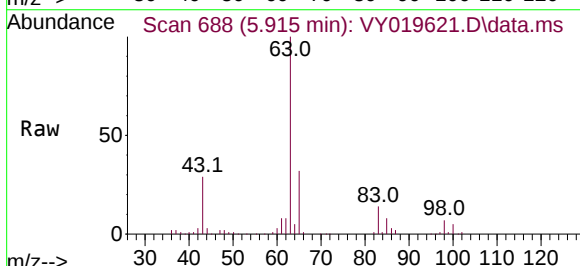
Tgt Ion: 63 Resp: 350017

Ion Ratio Lower Upper

63 100

98 6.9 4.0 12.2

100 4.9 2.6 8.0





#25

2-Butanone

Concen: 256.992 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY019621.D

Acq: 19 Sep 2024 09:24

Instrument :

MSVOA_Y

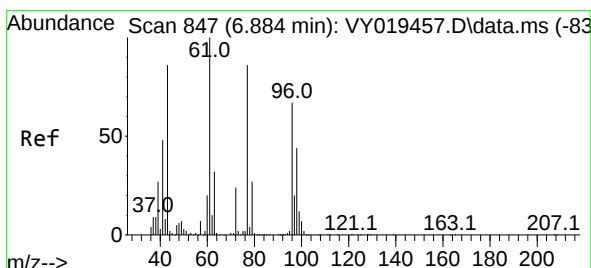
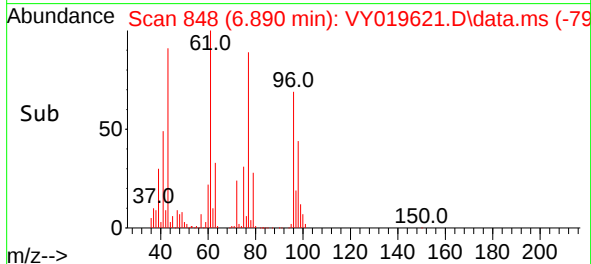
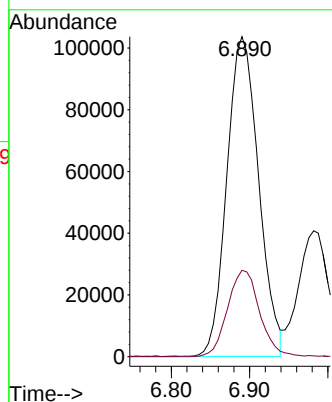
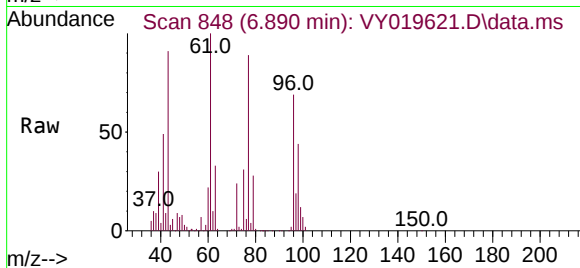
ClientSampleId :

Tgt Ion: 43 Resp: 292244

Ion Ratio Lower Upper

43 100

72 27.0 27.3 40.9#



#26

2,2-Dichloropropane

Concen: 54.713 ug/l

RT: 6.884 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY019621.D

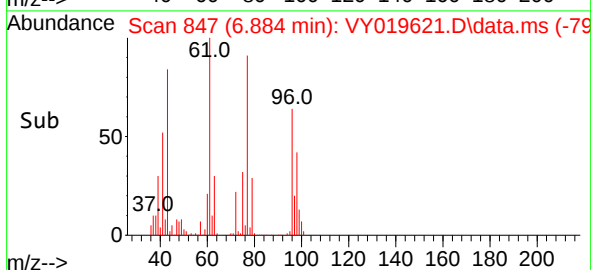
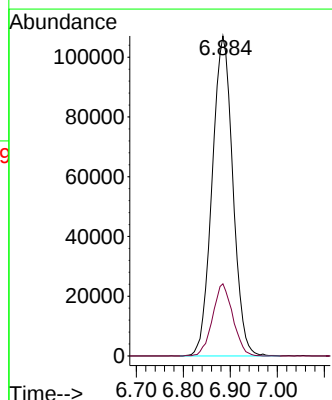
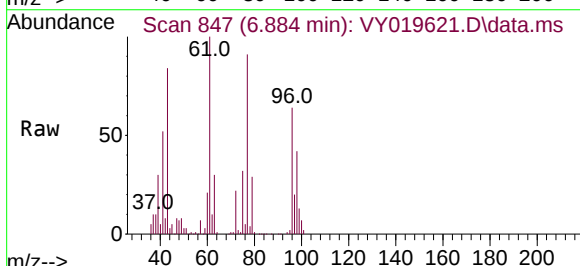
Acq: 19 Sep 2024 09:24

Tgt Ion: 77 Resp: 327950

Ion Ratio Lower Upper

77 100

97 22.0 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 51.425 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.000 min

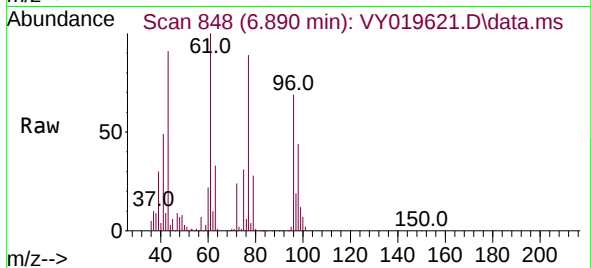
Lab File: VY019621.D

Acq: 19 Sep 2024 09:24

Instrument :

MSVOA_Y

ClientSampleId :



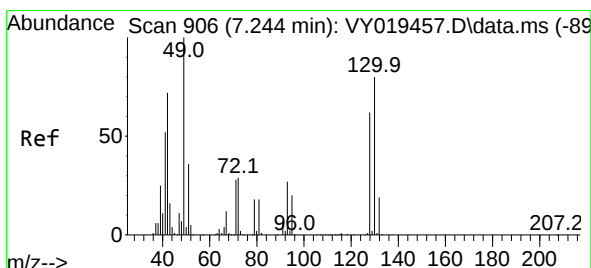
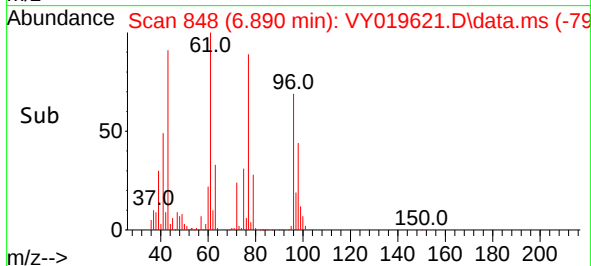
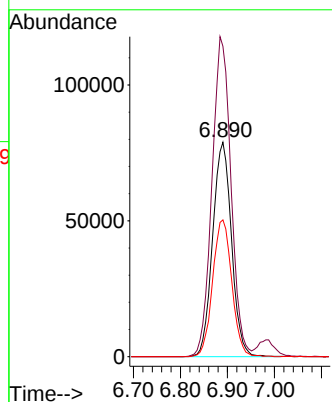
Tgt Ion: 96 Resp: 220175

Ion Ratio Lower Upper

96 100

61 150.1 0.0 256.2

98 64.8 0.0 130.0



#28

Bromochloromethane

Concen: 54.751 ug/l

RT: 7.244 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY019621.D

Acq: 19 Sep 2024 09:24

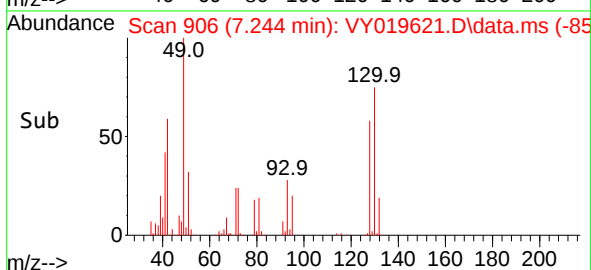
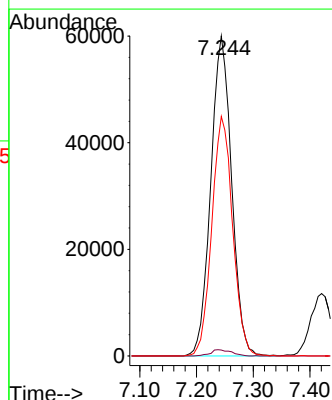
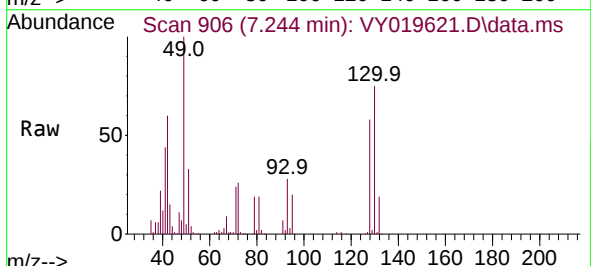
Tgt Ion: 49 Resp: 153080

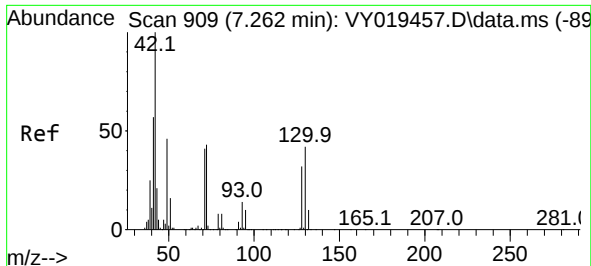
Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.6

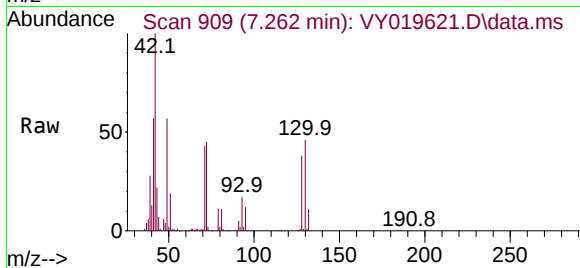
130 74.9 72.7 109.1



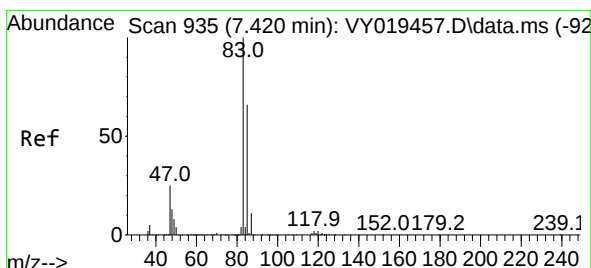
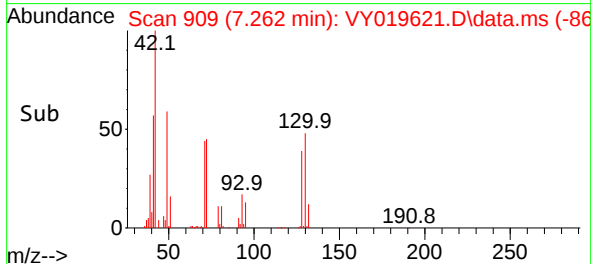
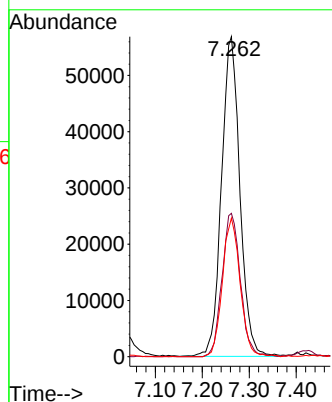


#29
Tetrahydrofuran
Concen: 224.119 ug/l
RT: 7.262 min Scan# 909
Delta R.T. 0.000 min
Lab File: VY019621.D
Acq: 19 Sep 2024 09:24

Instrument :
MSVOA_Y
ClientSampleId :

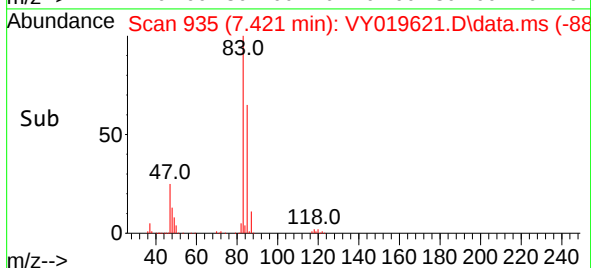
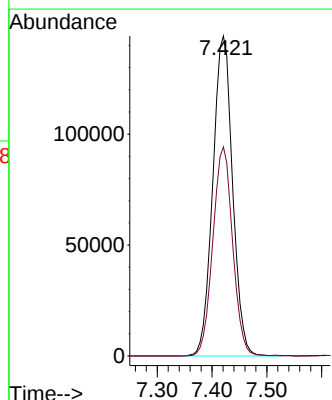
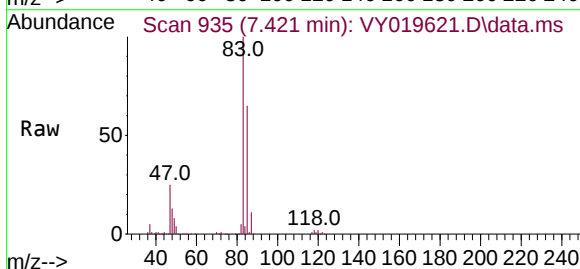


Tgt Ion: 42 Resp: 154960
Ion Ratio Lower Upper
42 100
72 44.8 43.0 64.4
71 41.6 40.8 61.2



#30
Chloroform
Concen: 53.220 ug/l
RT: 7.421 min Scan# 935
Delta R.T. 0.000 min
Lab File: VY019621.D
Acq: 19 Sep 2024 09:24

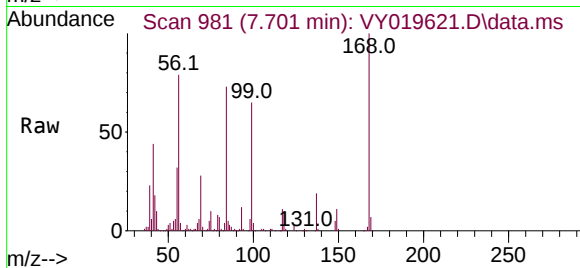
Tgt Ion: 83 Resp: 361022
Ion Ratio Lower Upper
83 100
85 65.3 52.2 78.4



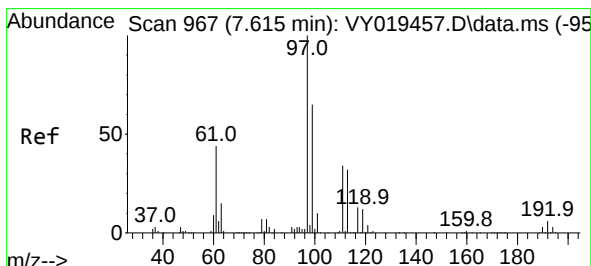
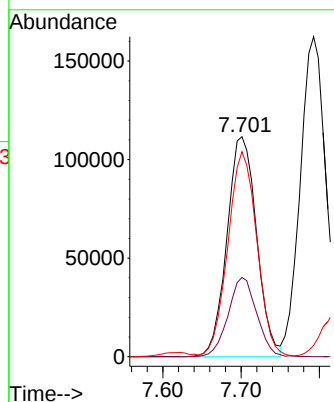
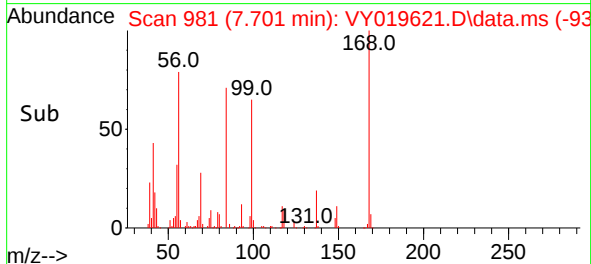


#31
Cyclohexane
Concen: 48.806 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY019621.D
Acq: 19 Sep 2024 09:24

Instrument :
MSVOA_Y
ClientSampleId :

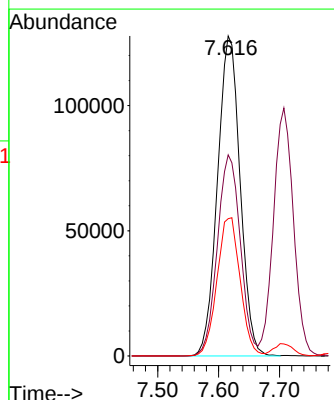
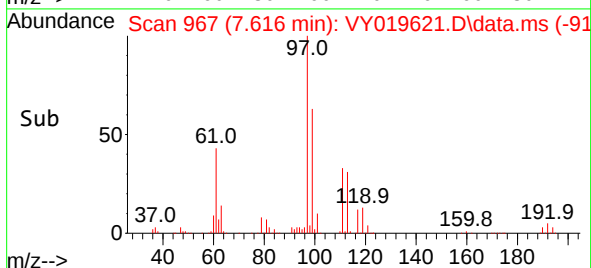
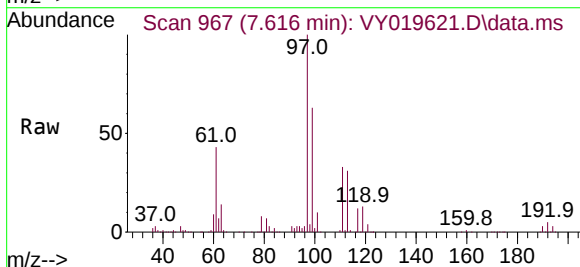


Tgt Ion: 56 Resp: 293149
Ion Ratio Lower Upper
56 100
69 36.0 28.7 43.1
84 91.2 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 54.193 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY019621.D
Acq: 19 Sep 2024 09:24

Tgt Ion: 97 Resp: 329508
Ion Ratio Lower Upper
97 100
99 64.0 50.3 75.5
61 44.4 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 52.199 ug/l

RT: 8.061 min Scan# 11040

Delta R.T. 0.000 min

Lab File: VY019621.D

Acq: 19 Sep 2024 09:24

Instrument :

MSVOA_Y

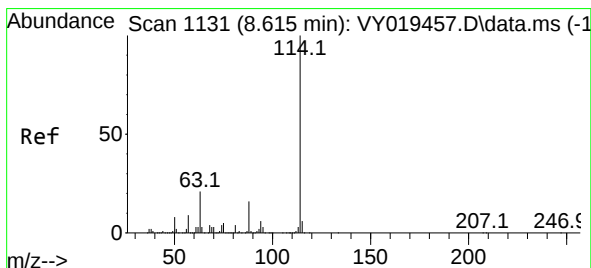
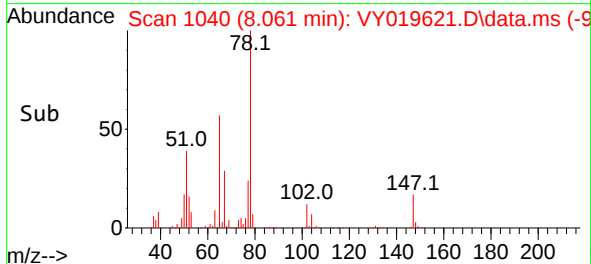
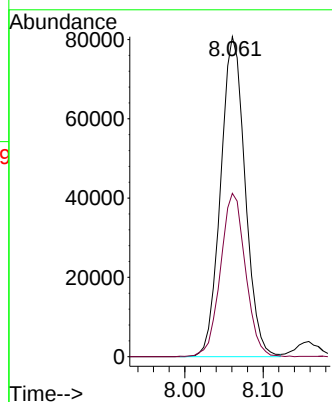
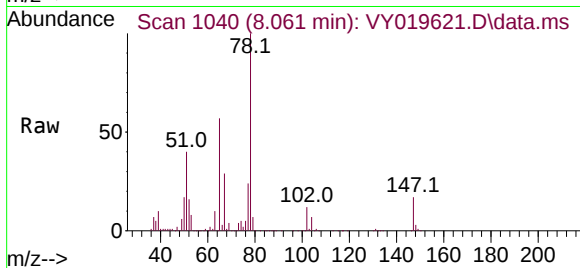
ClientSampleId :

Tgt Ion: 65 Resp: 175189

Ion Ratio Lower Upper

65 100

67 52.1 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY019621.D

Acq: 19 Sep 2024 09:24

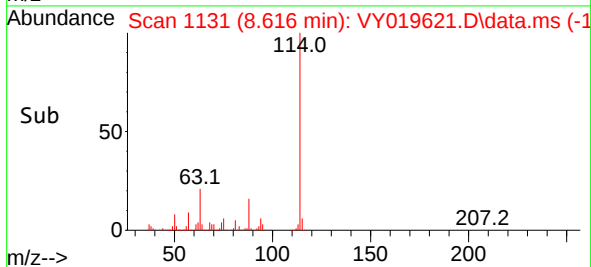
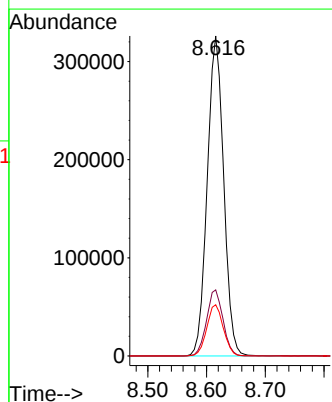
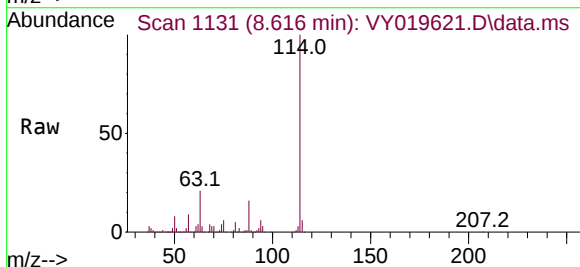
Tgt Ion: 114 Resp: 632522

Ion Ratio Lower Upper

114 100

63 20.6 0.0 35.0

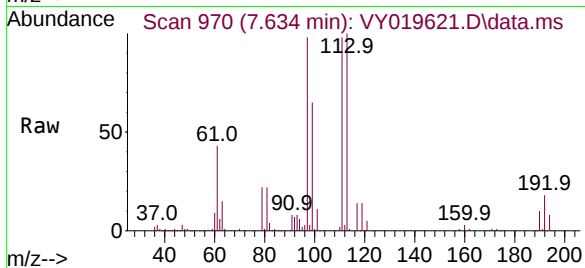
88 16.0 0.0 27.2



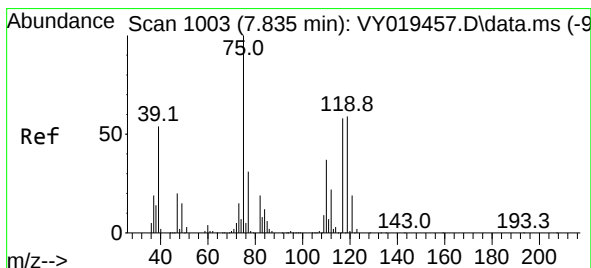
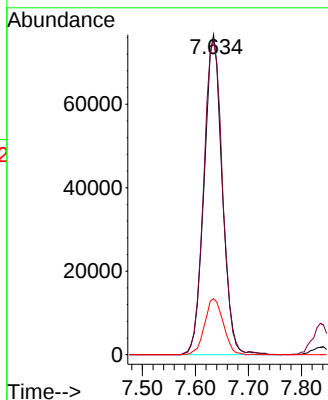
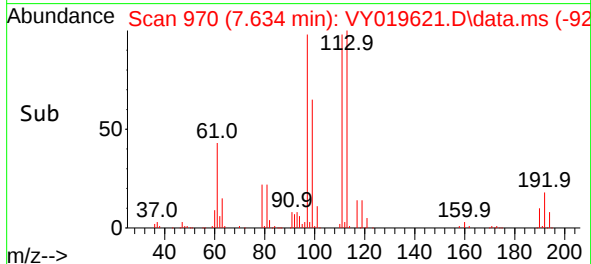


#35
Dibromofluoromethane
Concen: 50.585 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019621.D
Acq: 19 Sep 2024 09:24

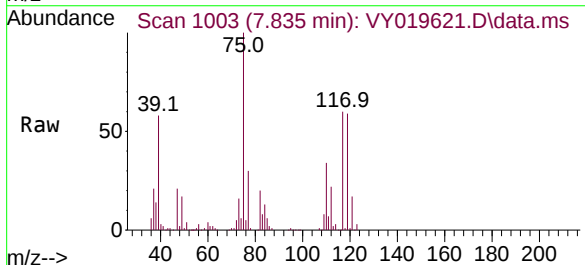
Instrument :
MSVOA_Y
ClientSampleId :



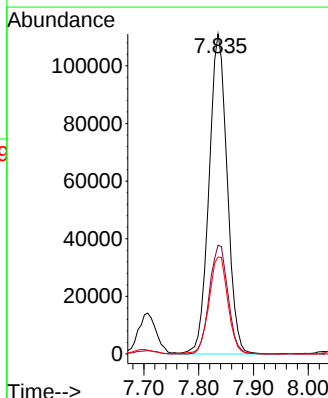
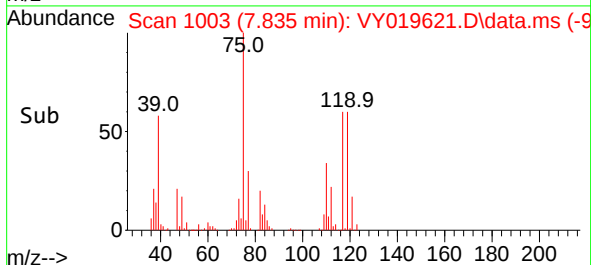
Tgt Ion:113 Resp: 181412
Ion Ratio Lower Upper
113 100
111 102.0 82.2 123.4
192 18.0 15.9 23.9

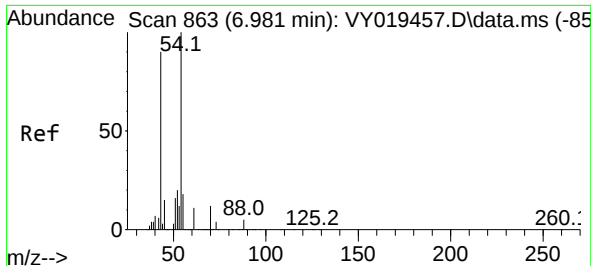


#36
1,1-Dichloropropene
Concen: 52.217 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY019621.D
Acq: 19 Sep 2024 09:24



Tgt Ion: 75 Resp: 254812
Ion Ratio Lower Upper
75 100
110 34.7 19.0 57.0
77 31.6 25.3 37.9





#37

Ethyl Acetate

Concen: 45.010 ug/l

RT: 6.982 min Scan# 80

Delta R.T. 0.000 min

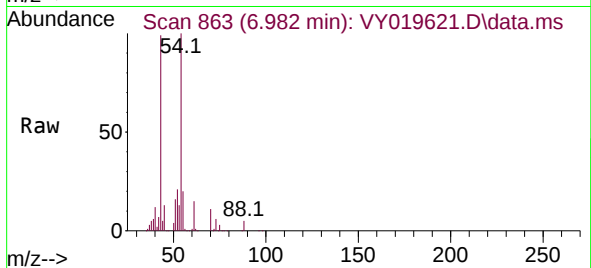
Lab File: VY019621.D

Acq: 19 Sep 2024 09:24

Instrument :

MSVOA_Y

ClientSampleId :



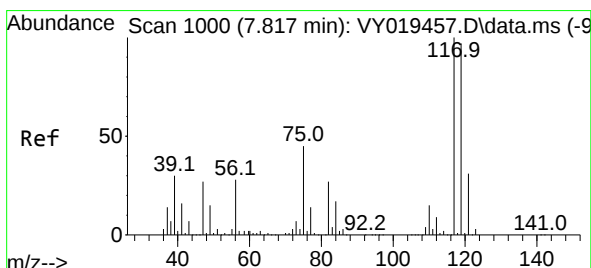
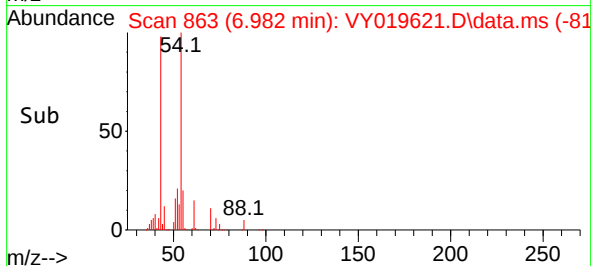
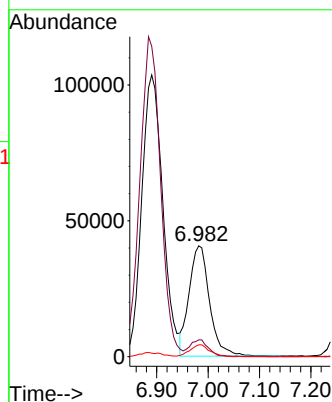
Tgt Ion: 43 Resp: 112541

Ion Ratio Lower Upper

43 100

61 14.3 12.6 19.0

70 10.3 7.8 11.8



#38

Carbon Tetrachloride

Concen: 52.502 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VY019621.D

Acq: 19 Sep 2024 09:24

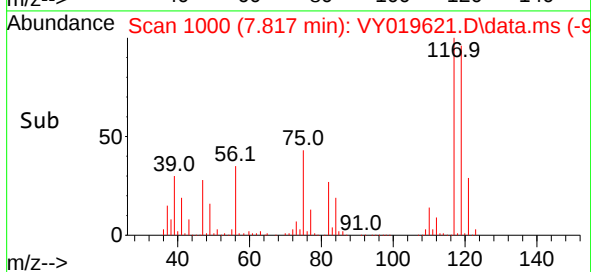
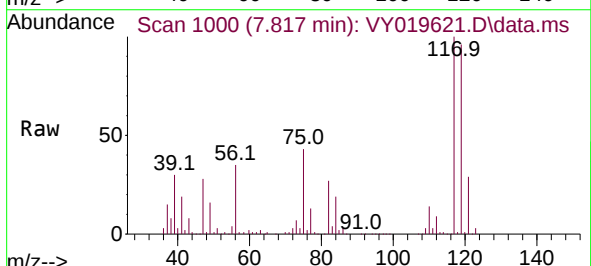
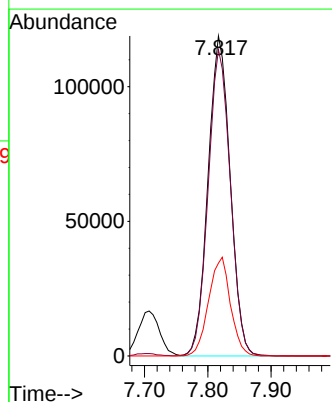
Tgt Ion: 117 Resp: 288918

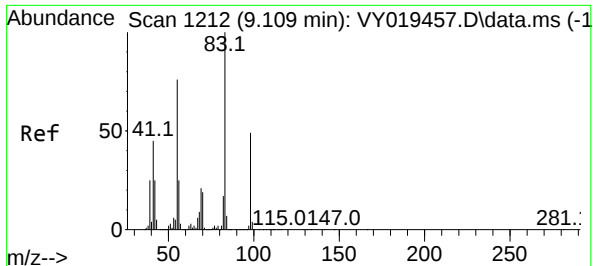
Ion Ratio Lower Upper

117 100

119 95.7 75.8 113.6

121 29.0 24.0 36.0





#39

Methylcyclohexane

Concen: 50.092 ug/l

RT: 9.109 min Scan# 1

Delta R.T. 0.000 min

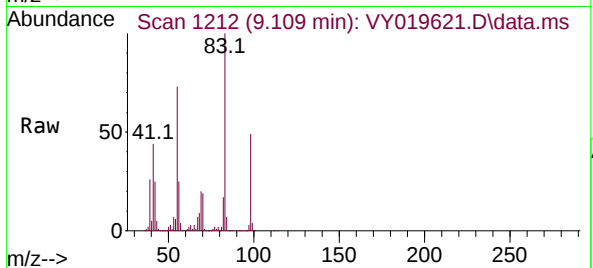
Lab File: VY019621.D

Acq: 19 Sep 2024 09:24

Instrument :

MSVOA_Y

ClientSampleId :



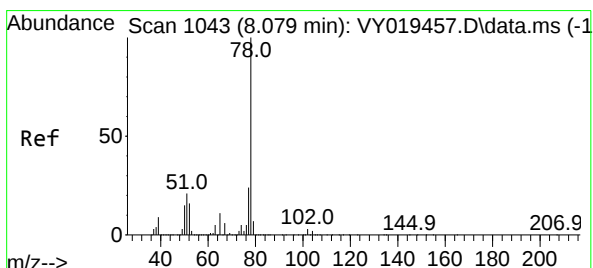
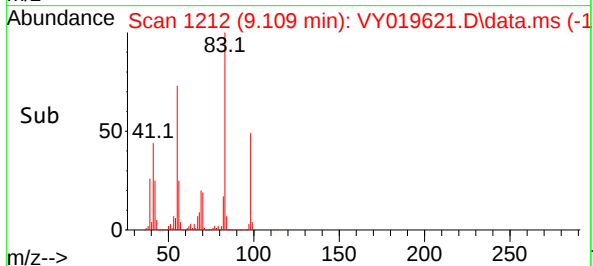
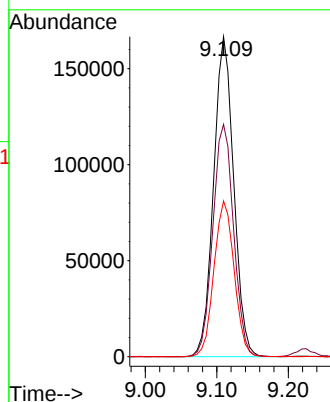
Tgt Ion: 83 Resp: 325306

Ion Ratio Lower Upper

83 100

55 72.6 51.5 77.3

98 48.7 40.5 60.7



#40

Benzene

Concen: 50.746 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VY019621.D

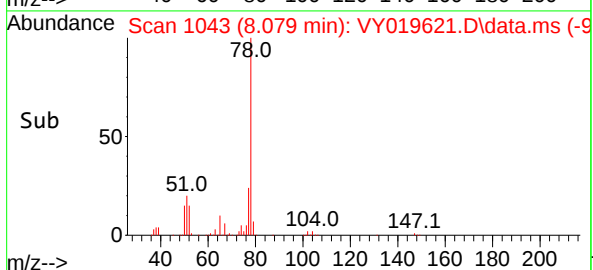
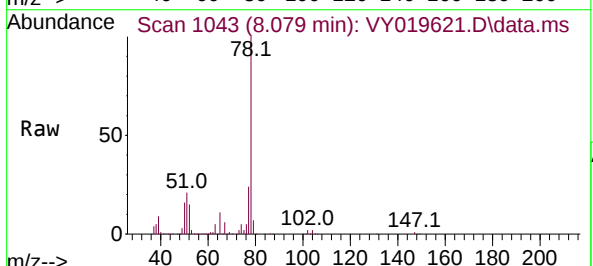
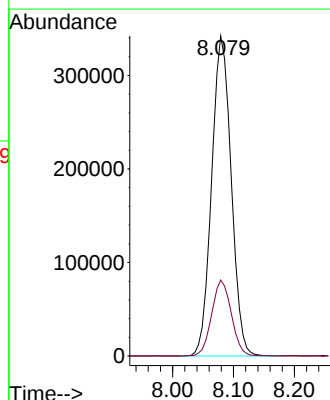
Acq: 19 Sep 2024 09:24

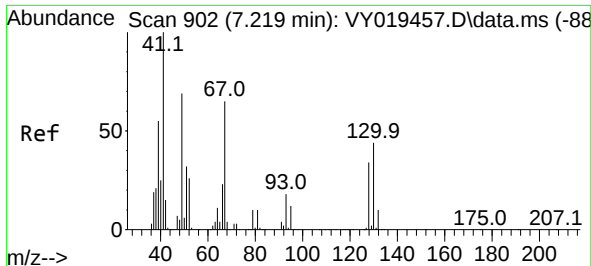
Tgt Ion: 78 Resp: 762736

Ion Ratio Lower Upper

78 100

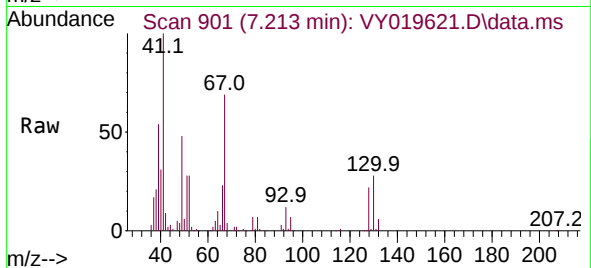
77 23.8 19.5 29.3



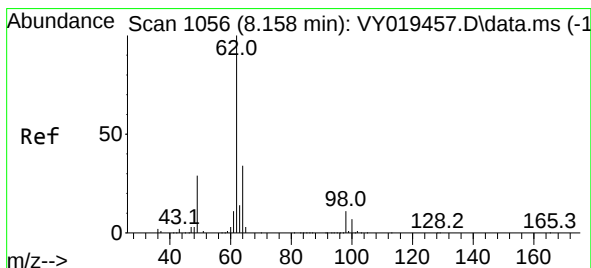
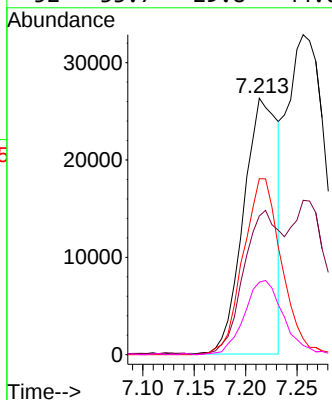
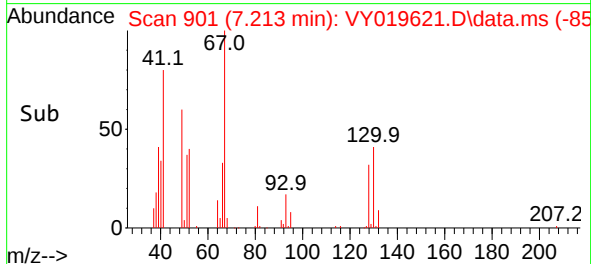


#41
Methacrylonitrile
Concen: 41.600 ug/l
RT: 7.213 min Scan# 902
Delta R.T. -0.006 min
Lab File: VY019621.D
Acq: 19 Sep 2024 09:24

Instrument :
MSVOA_Y
ClientSampleId :

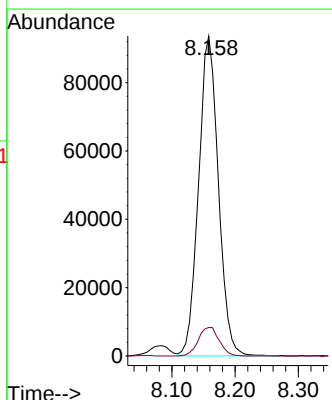
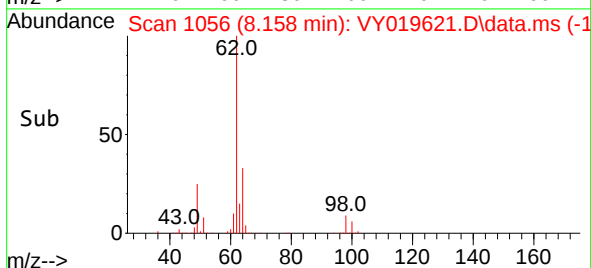
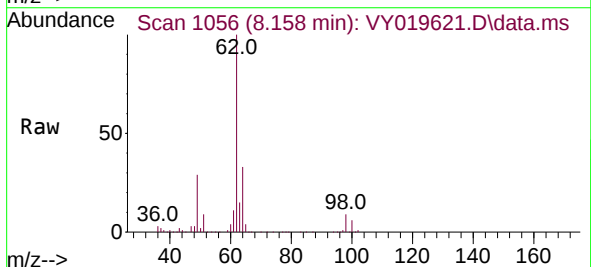


Tgt Ion:	41	Resp:	60632
Ion	Ratio	Lower	Upper
41	100		
39	63.5	48.0	72.0
67	77.7	75.1	112.7
52	33.7	29.8	44.6



#42
1,2-Dichloroethane
Concen: 50.371 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY019621.D
Acq: 19 Sep 2024 09:24

Tgt Ion:	62	Resp:	203722
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	22.0

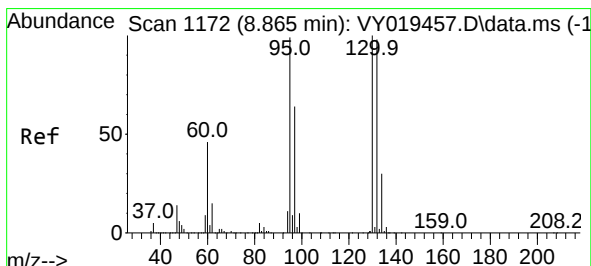
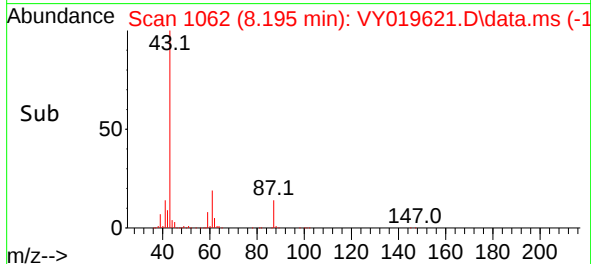
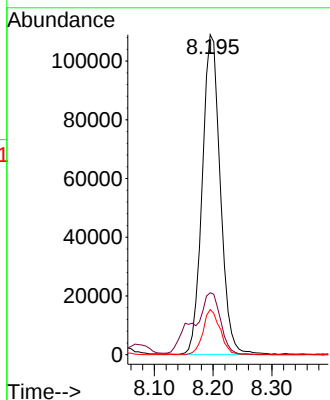
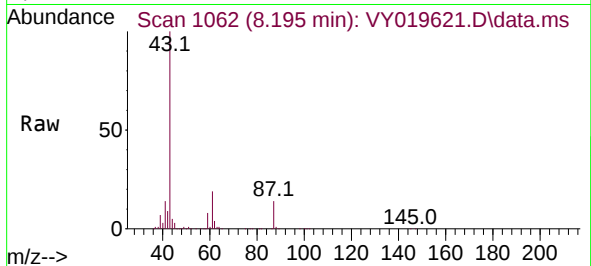




#43
Isopropyl Acetate
Concen: 44.304 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VY019621.D
Acq: 19 Sep 2024 09:24

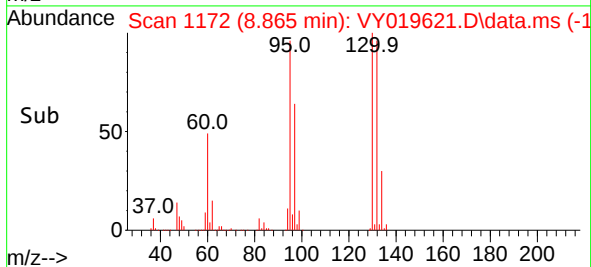
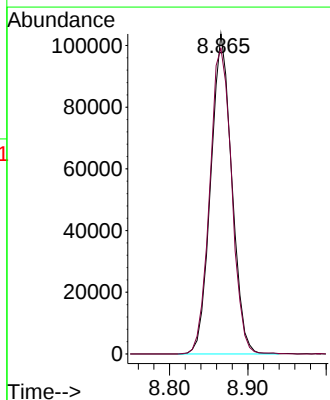
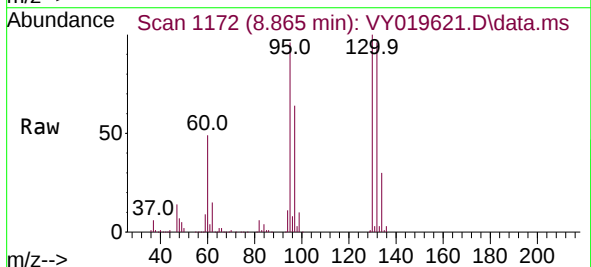
Instrument :
MSVOA_Y
ClientSampleId :

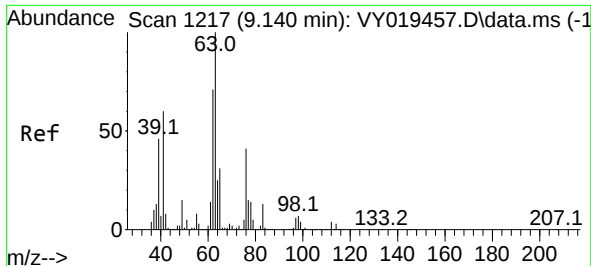
Tgt Ion: 43 Resp: 232729
Ion Ratio Lower Upper
43 100
61 29.4 27.9 41.9
87 13.4 13.1 19.7



#44
Trichloroethene
Concen: 50.004 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY019621.D
Acq: 19 Sep 2024 09:24

Tgt Ion:130 Resp: 193289
Ion Ratio Lower Upper
130 100
95 95.5 0.0 188.0





#45

1,2-Dichloropropane

Concen: 49.597 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY019621.D

Acq: 19 Sep 2024 09:24

Instrument :

MSVOA_Y

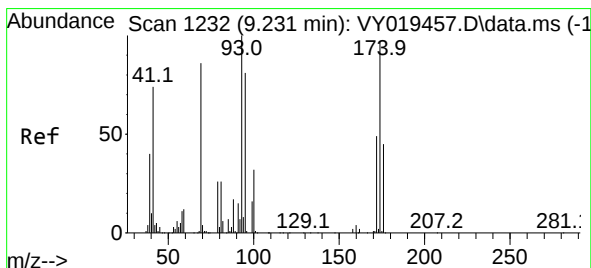
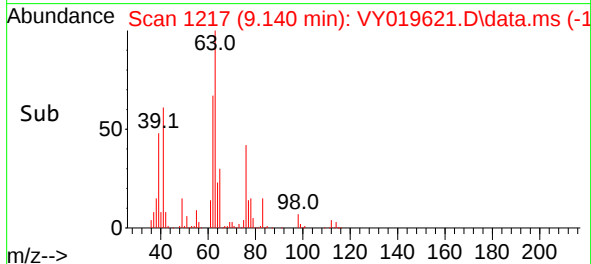
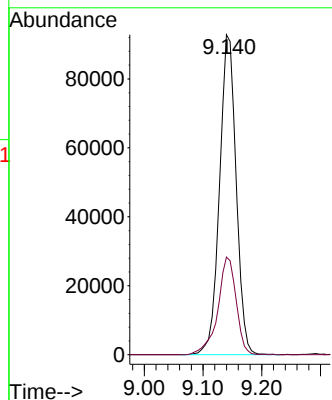
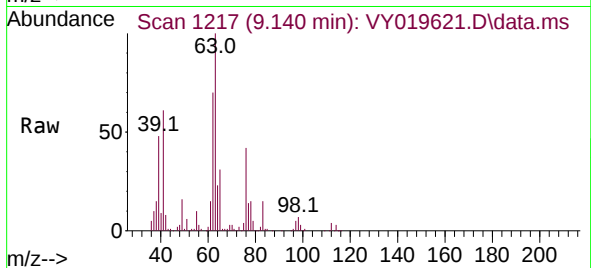
ClientSampleId :

Tgt Ion: 63 Resp: 182246

Ion Ratio Lower Upper

63 100

65 30.5 25.4 38.2



#46

Dibromomethane

Concen: 48.968 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY019621.D

Acq: 19 Sep 2024 09:24

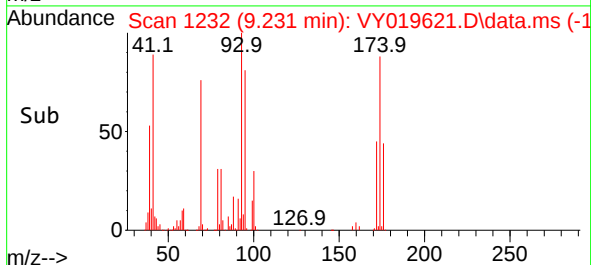
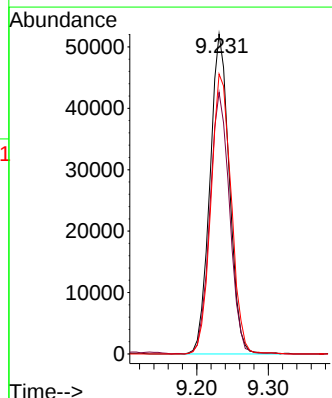
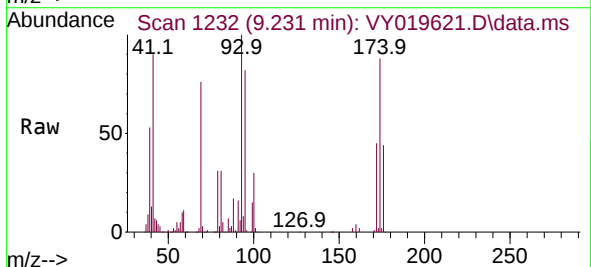
Tgt Ion: 93 Resp: 98397

Ion Ratio Lower Upper

93 100

95 82.9 66.2 99.4

174 91.1 80.9 121.3

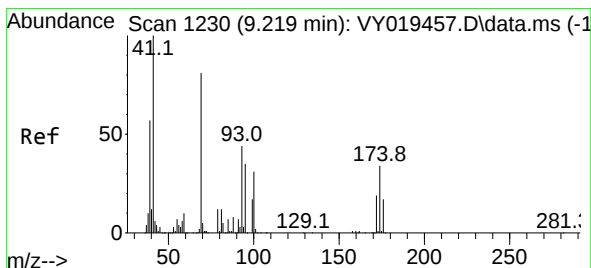
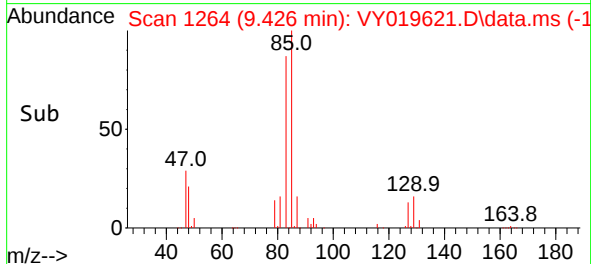
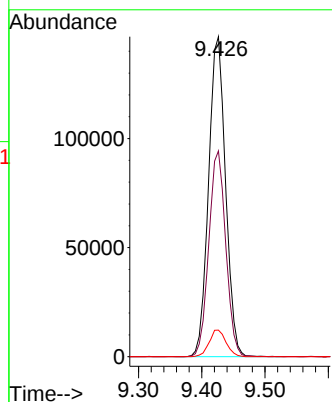
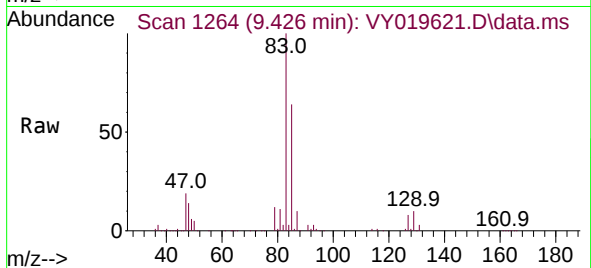




#47
Bromodichloromethane
Concen: 50.637 ug/l
RT: 9.426 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019621.D
Acq: 19 Sep 2024 09:24

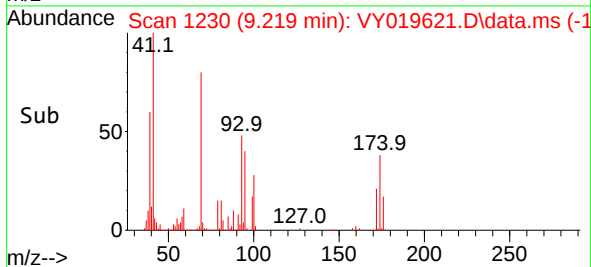
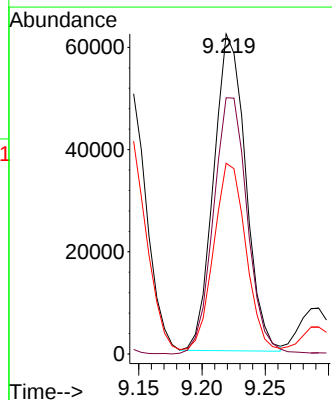
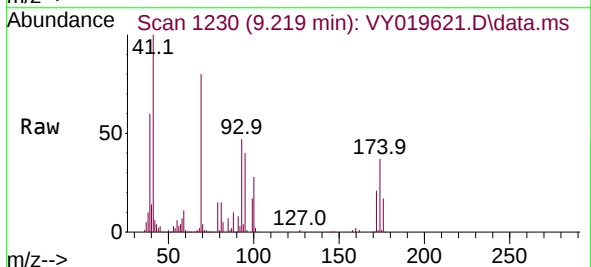
Instrument :
MSVOA_Y
ClientSampleId :

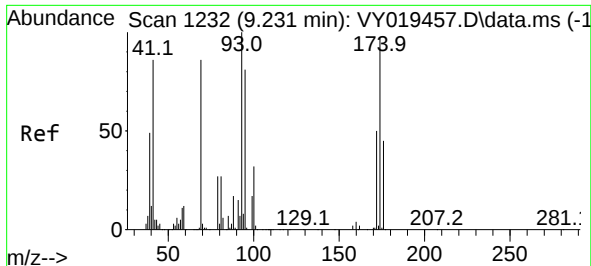
Tgt Ion: 83 Resp: 273518
Ion Ratio Lower Upper
83 100
85 64.3 50.1 75.1
127 8.3 7.4 11.0



#48
Methyl methacrylate
Concen: 43.948 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY019621.D
Acq: 19 Sep 2024 09:24

Tgt Ion: 41 Resp: 109019
Ion Ratio Lower Upper
41 100
69 86.0 84.1 126.1
39 59.1 43.6 65.4





#49

1,4-Dioxane

Concen: 885.169 ug/l

RT: 9.231 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019621.D

Acq: 19 Sep 2024 09:24

Instrument :

MSVOA_Y

ClientSampleId :

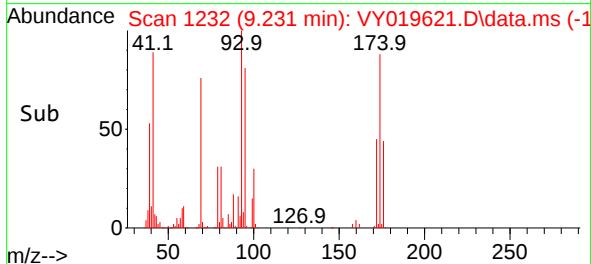
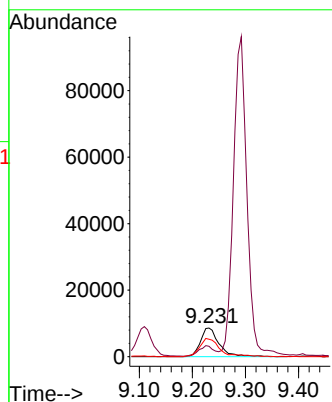
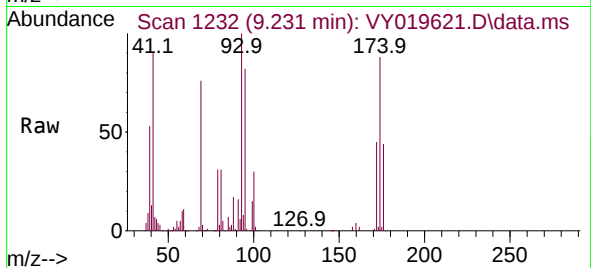
Tgt Ion: 88 Resp: 20939

Ion Ratio Lower Upper

88 100

43 30.7 0.0 0.0#

58 69.5 49.3 73.9



#50

Toluene-d8

Concen: 51.024 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY019621.D

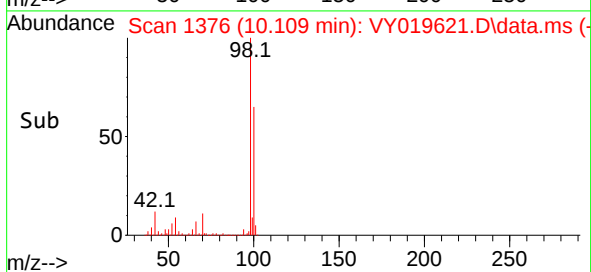
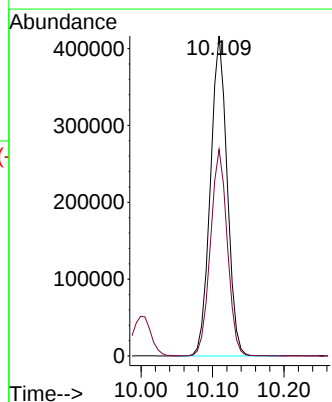
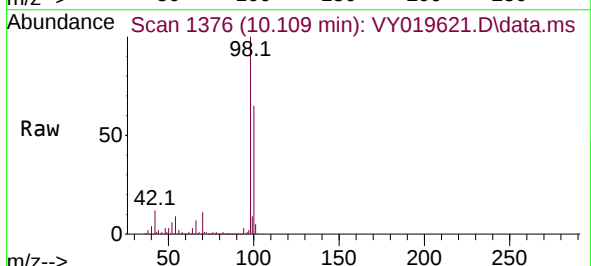
Acq: 19 Sep 2024 09:24

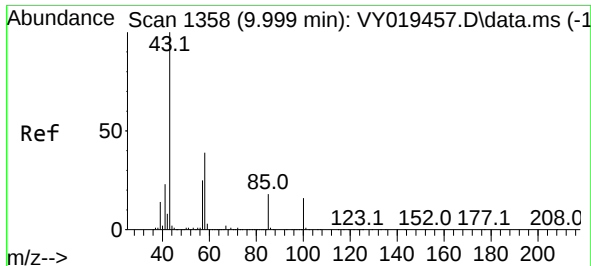
Tgt Ion: 98 Resp: 676822

Ion Ratio Lower Upper

98 100

100 64.9 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 221.983 ug/l

RT: 9.999 min Scan# 1358

Delta R.T. 0.000 min

Lab File: VY019621.D

Acq: 19 Sep 2024 09:24

Instrument :

MSVOA_Y

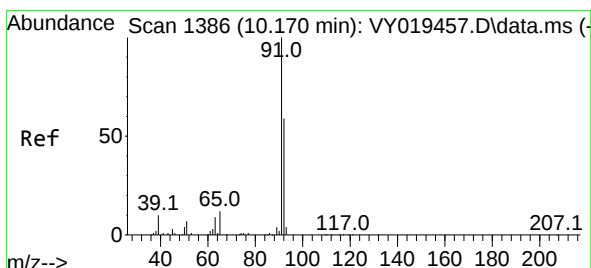
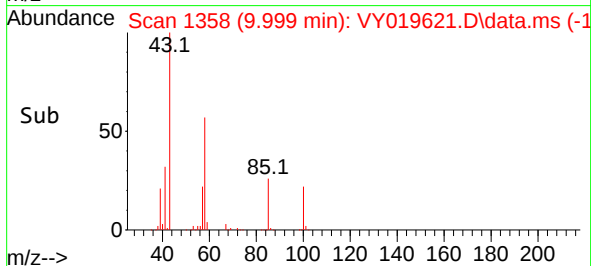
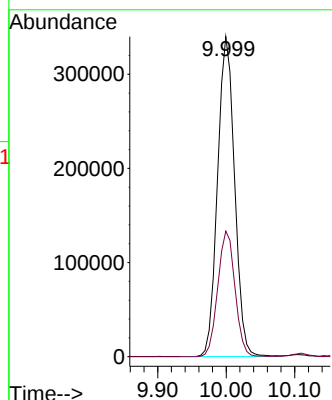
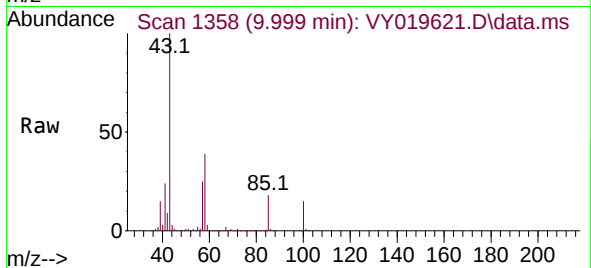
ClientSampleId :

Tgt Ion: 43 Resp: 586646

Ion Ratio Lower Upper

43 100

58 39.6 35.7 53.5



#52

Toluene

Concen: 51.527 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VY019621.D

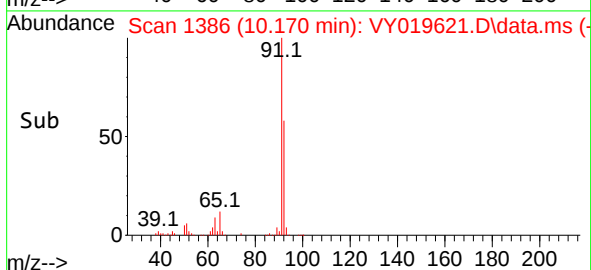
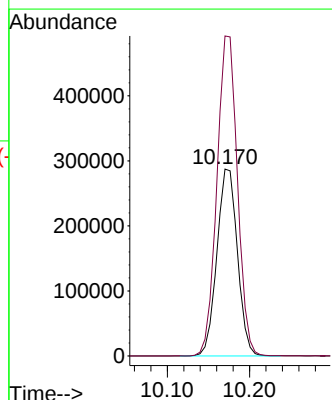
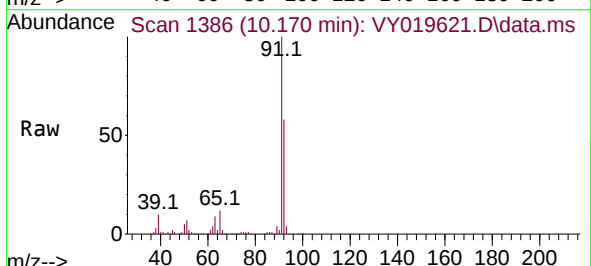
Acq: 19 Sep 2024 09:24

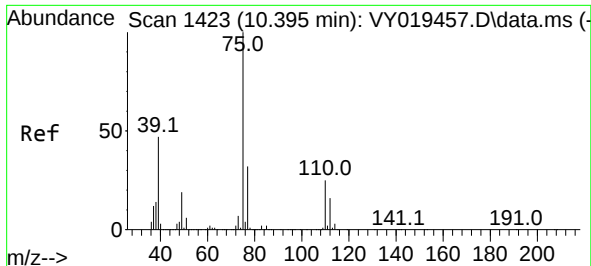
Tgt Ion: 92 Resp: 498094

Ion Ratio Lower Upper

92 100

91 171.6 139.0 208.6





#53

t-1,3-Dichloropropene

Concen: 47.283 ug/l

RT: 10.396 min Scan# 1423

Delta R.T. 0.000 min

Lab File: VY019621.D

Acq: 19 Sep 2024 09:24

Instrument :

MSVOA_Y

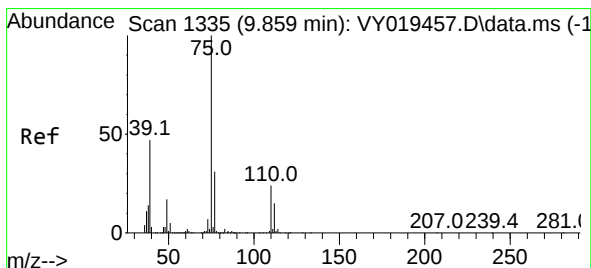
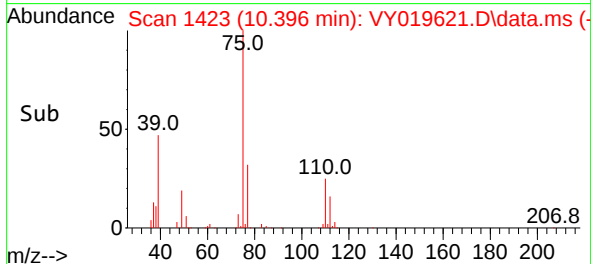
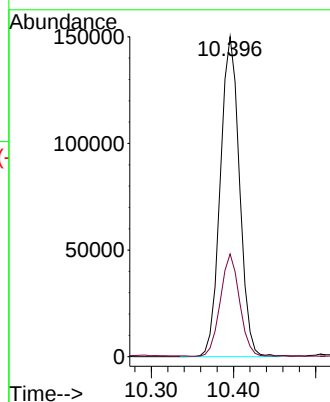
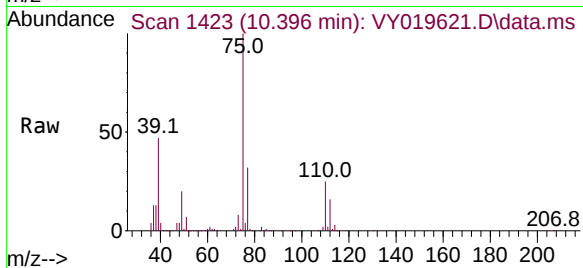
ClientSampleId :

Tgt Ion: 75 Resp: 243463

Ion Ratio Lower Upper

75 100

77 31.9 24.1 36.1



#54

cis-1,3-Dichloropropene

Concen: 48.653 ug/l

RT: 9.859 min Scan# 1335

Delta R.T. 0.000 min

Lab File: VY019621.D

Acq: 19 Sep 2024 09:24

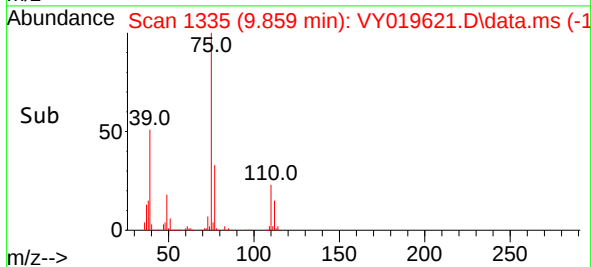
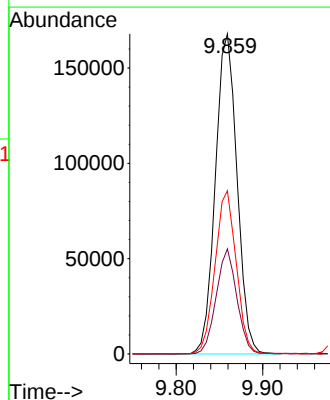
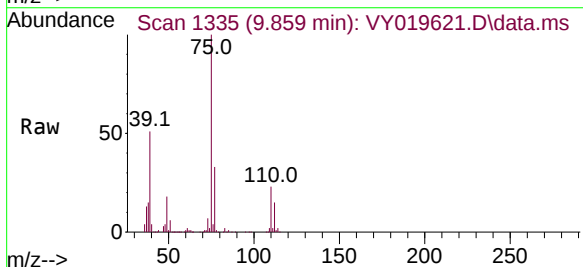
Tgt Ion: 75 Resp: 291705

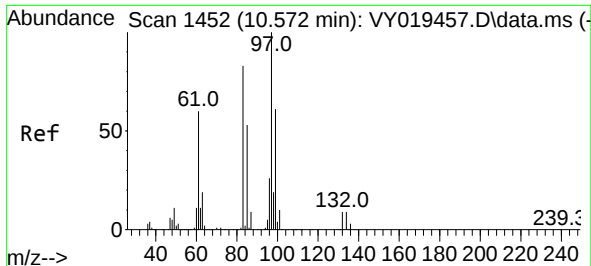
Ion Ratio Lower Upper

75 100

77 32.8 25.4 38.0

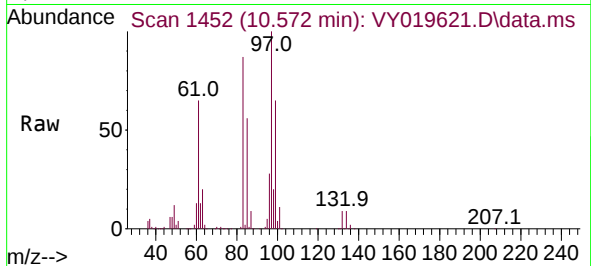
39 50.9 29.8 44.6#



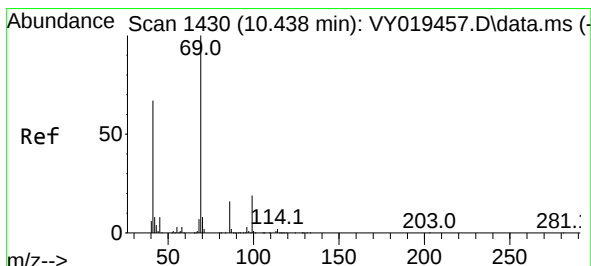
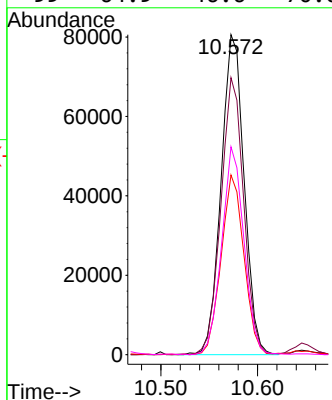
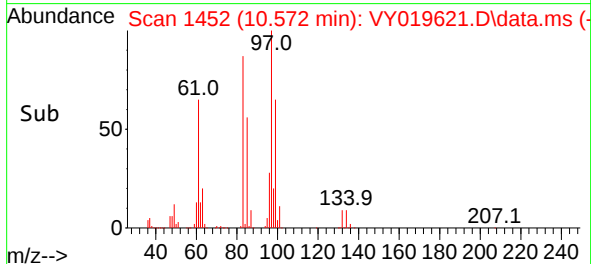


#55
1,1,2-Trichloroethane
Concen: 47.899 ug/l
RT: 10.572 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY019621.D
Acq: 19 Sep 2024 09:24

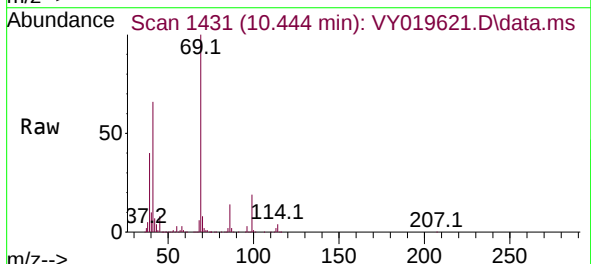
Instrument :
MSVOA_Y
ClientSampleId :



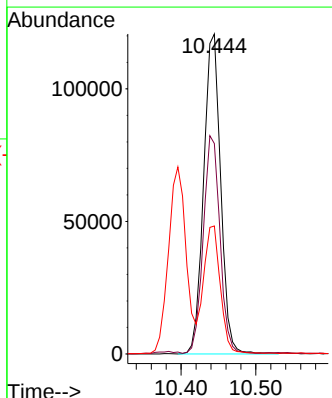
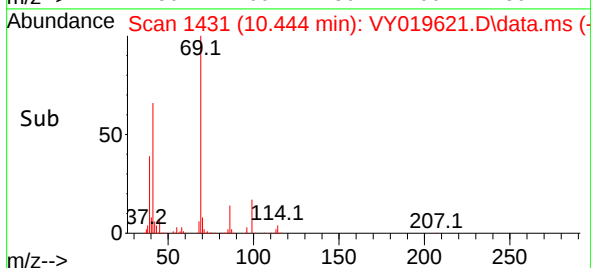
Tgt Ion:	97	Resp:	132916
Ion	Ratio	Lower	Upper
97	100		
83	86.4	67.5	101.3
85	56.1	42.9	64.3
99	64.9	46.6	70.0

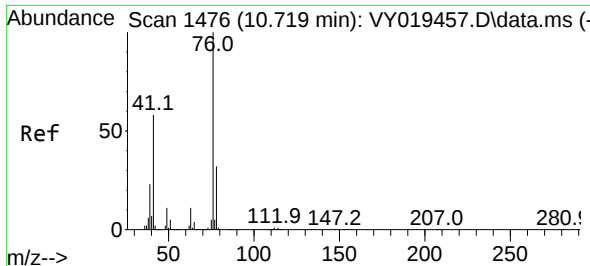


#56
Ethyl methacrylate
Concen: 45.351 ug/l
RT: 10.444 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VY019621.D
Acq: 19 Sep 2024 09:24



Tgt Ion:	69	Resp:	191170
Ion	Ratio	Lower	Upper
69	100		
41	66.5	42.3	63.5#
39	38.9	22.9	34.3#





#57

1,3-Dichloropropane

Concen: 48.161 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY019621.D

Acq: 19 Sep 2024 09:24

Instrument :

MSVOA_Y

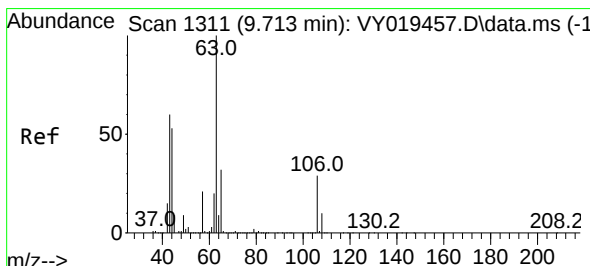
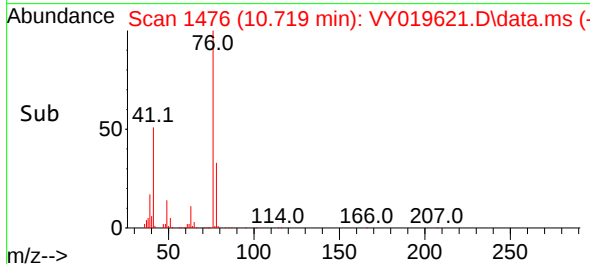
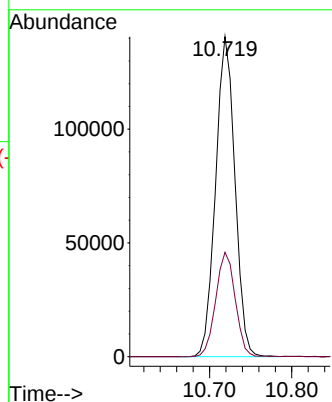
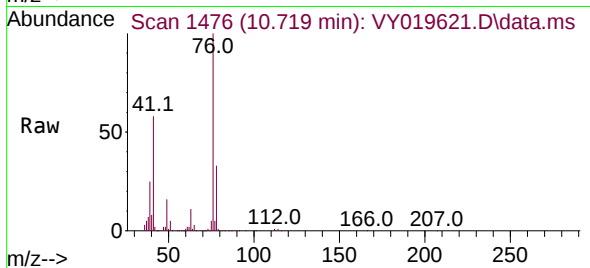
ClientSampleId :

Tgt Ion: 76 Resp: 229726

Ion Ratio Lower Upper

76 100

78 33.0 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 248.172 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY019621.D

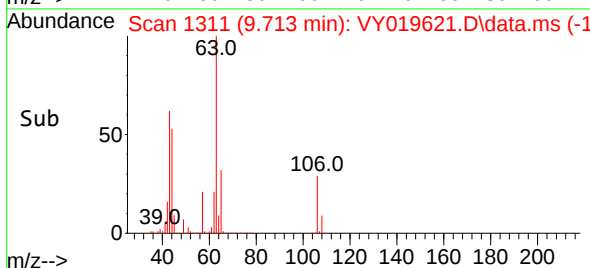
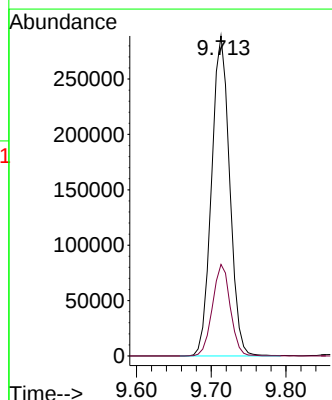
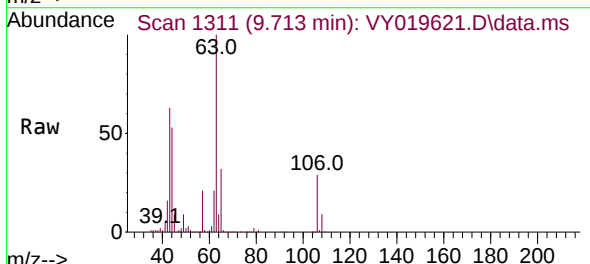
Acq: 19 Sep 2024 09:24

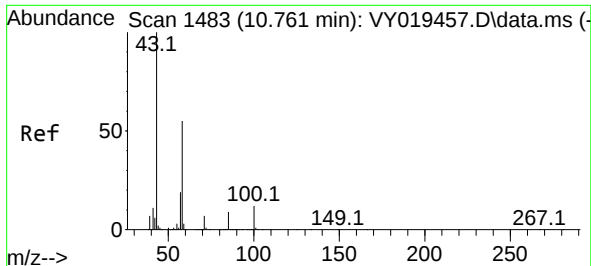
Tgt Ion: 63 Resp: 485537

Ion Ratio Lower Upper

63 100

106 28.1 23.7 35.5

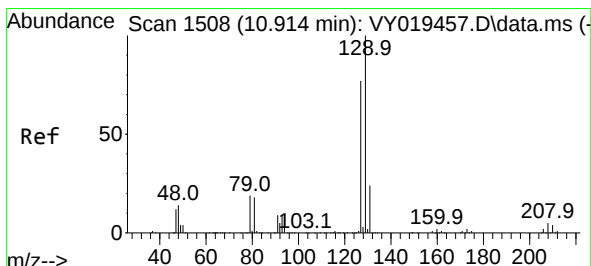
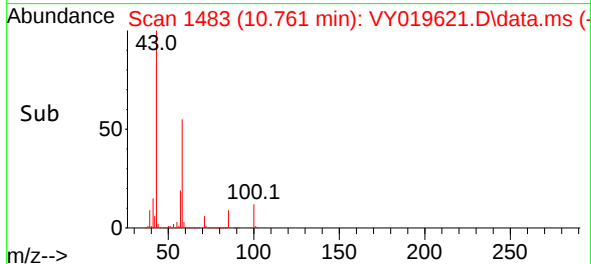
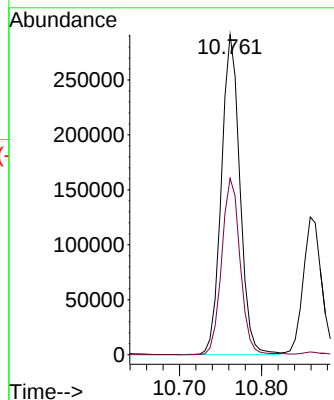
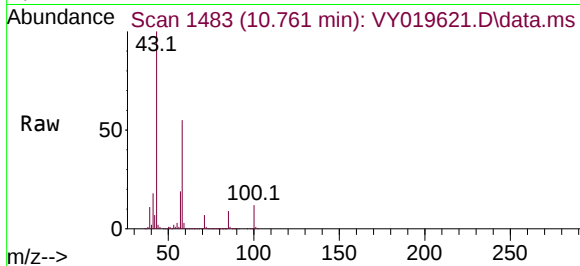




#59
2-Hexanone
Concen: 235.126 ug/l
RT: 10.761 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY019621.D
Acq: 19 Sep 2024 09:24

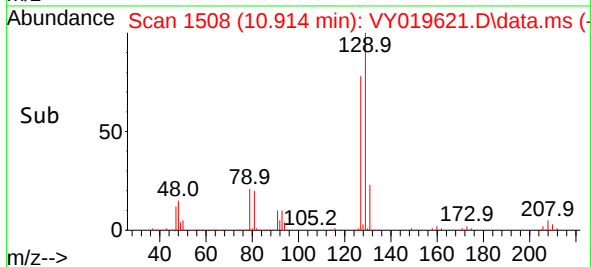
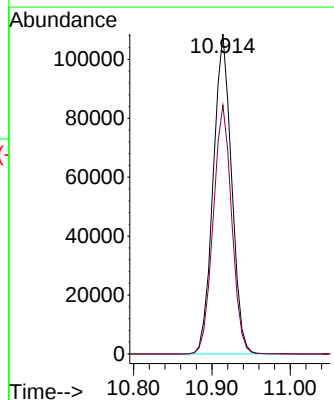
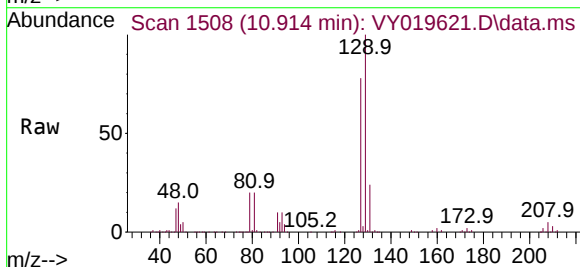
Instrument :
MSVOA_Y
ClientSampleId :

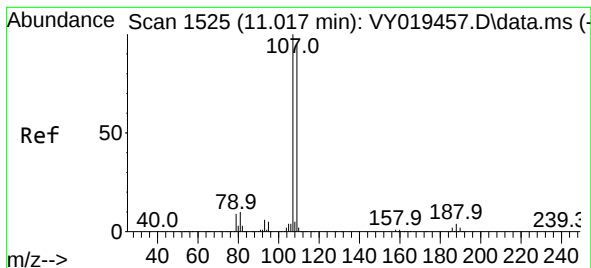
Tgt Ion: 43 Resp: 455554
Ion Ratio Lower Upper
43 100
58 55.1 31.4 94.0



#60
Dibromochloromethane
Concen: 48.136 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VY019621.D
Acq: 19 Sep 2024 09:24

Tgt Ion:129 Resp: 176695
Ion Ratio Lower Upper
129 100
127 78.2 39.0 117.0

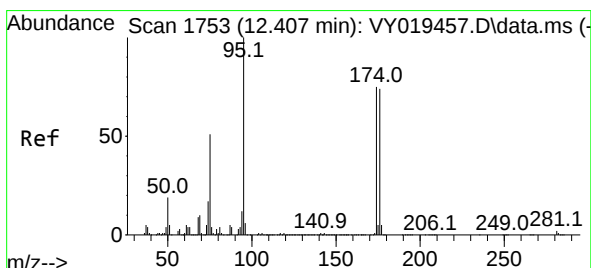
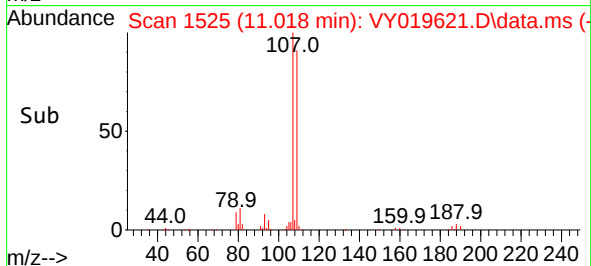
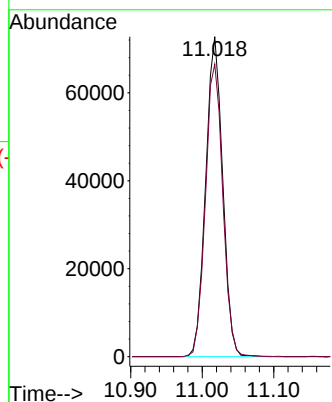
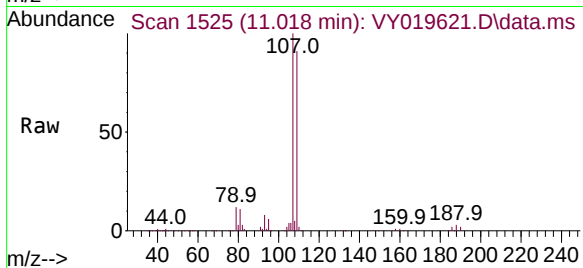




#61
1,2-Dibromoethane
Concen: 46.469 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VY019621.D
Acq: 19 Sep 2024 09:24

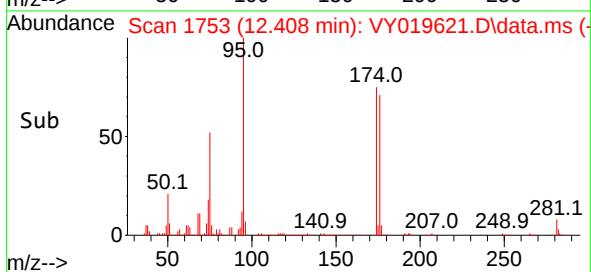
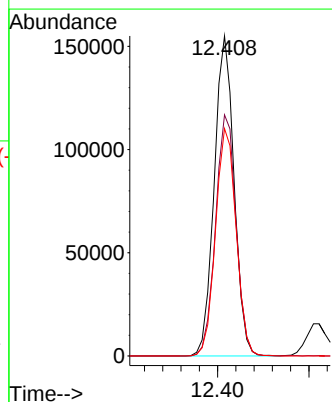
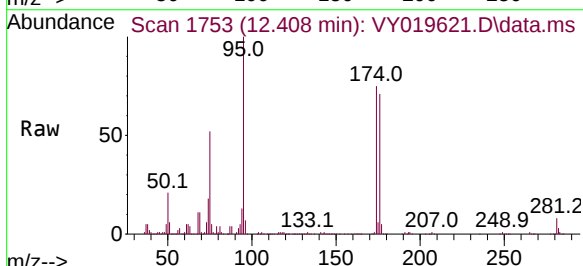
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:107 Resp: 120146
Ion Ratio Lower Upper
107 100
109 93.4 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 45.882 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY019621.D
Acq: 19 Sep 2024 09:24

Tgt Ion: 95 Resp: 234017
Ion Ratio Lower Upper
95 100
174 77.7 0.0 175.6
176 73.6 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019621.D

Acq: 19 Sep 2024 09:24

Instrument :

MSVOA_Y

ClientSampleId :

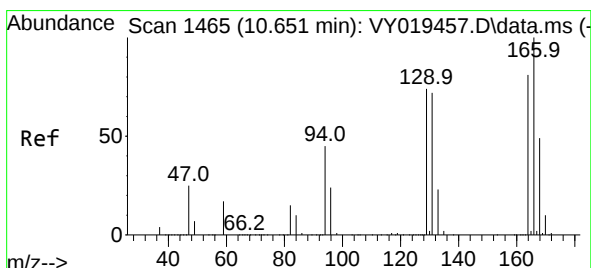
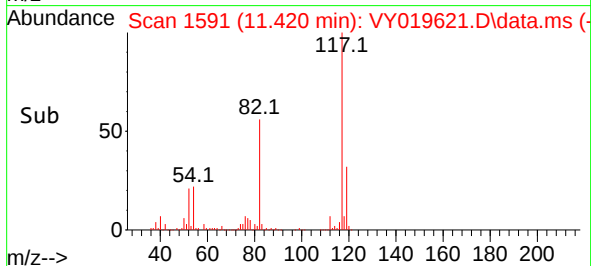
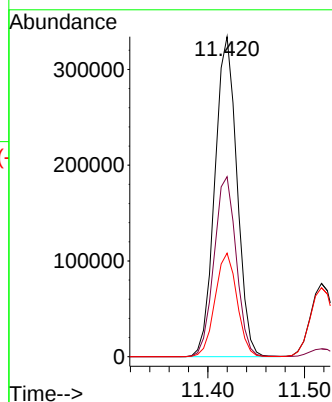
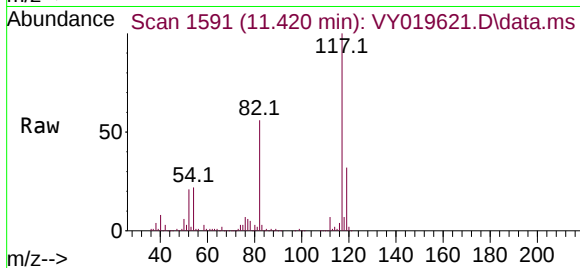
Tgt Ion:117 Resp: 531133

Ion Ratio Lower Upper

117 100

82 56.2 42.4 63.6

119 32.3 25.9 38.9



#64

Tetrachloroethene

Concen: 50.415 ug/l

RT: 10.652 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VY019621.D

Acq: 19 Sep 2024 09:24

Tgt Ion:164 Resp: 165818

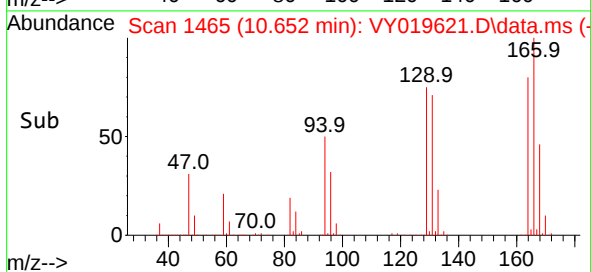
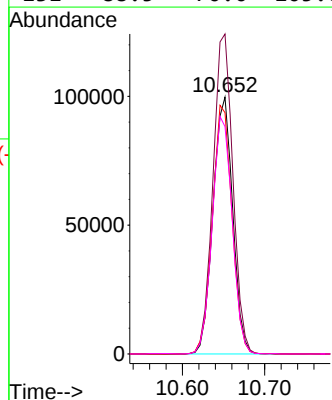
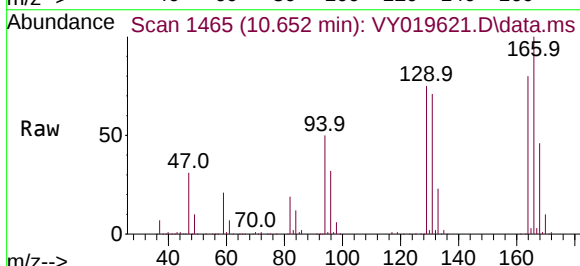
Ion Ratio Lower Upper

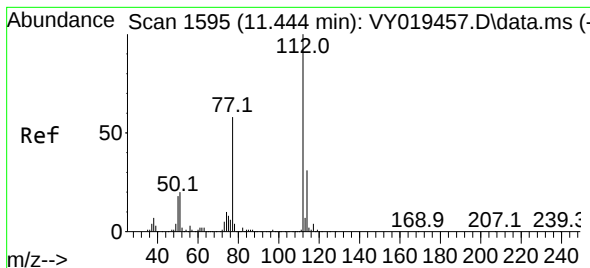
164 100

166 124.6 102.6 154.0

129 93.9 72.0 108.0

131 88.5 70.0 105.0





#65

Chlorobenzene

Concen: 50.864 ug/l

RT: 11.444 min Scan# 1595

Delta R.T. 0.000 min

Lab File: VY019621.D

Acq: 19 Sep 2024 09:24

Instrument :

MSVOA_Y

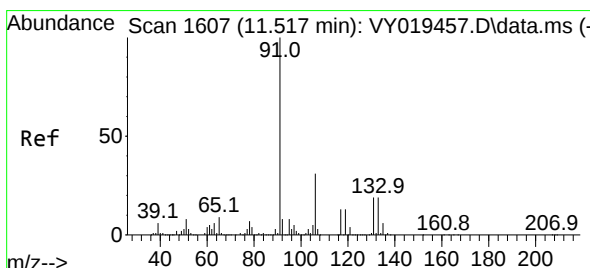
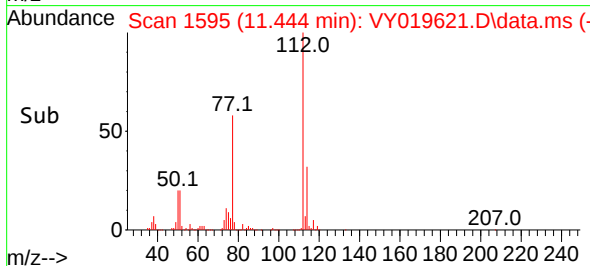
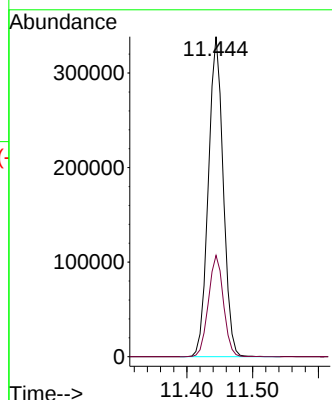
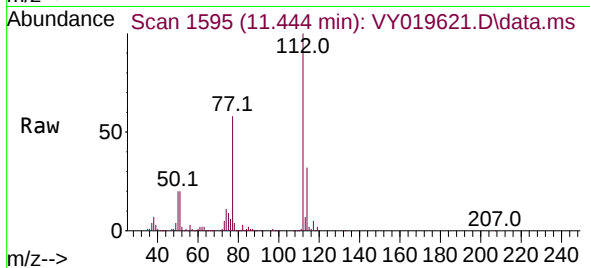
ClientSampleId :

Tgt Ion:112 Resp: 531412

Ion Ratio Lower Upper

112 100

114 31.7 26.4 39.6



#66

1,1,1,2-Tetrachloroethane

Concen: 50.477 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY019621.D

Acq: 19 Sep 2024 09:24

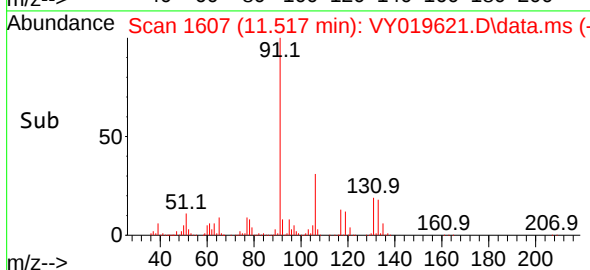
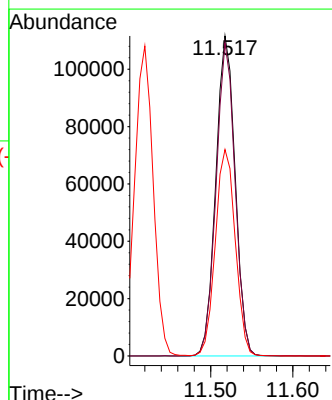
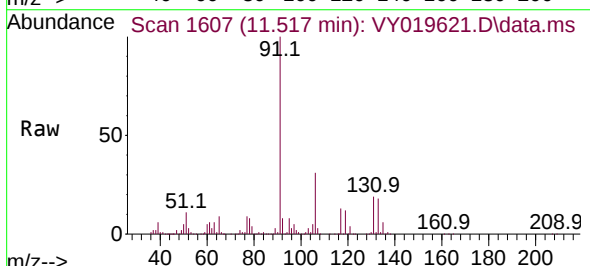
Tgt Ion:131 Resp: 182594

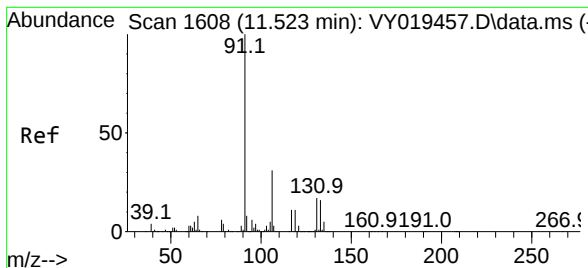
Ion Ratio Lower Upper

131 100

133 96.1 47.8 143.3

119 66.5 34.1 102.2





#67

Ethyl Benzene

Concen: 52.424 ug/l

RT: 11.524 min Scan# 1608

Delta R.T. 0.000 min

Lab File: VY019621.D

Acq: 19 Sep 2024 09:24

Instrument :

MSVOA_Y

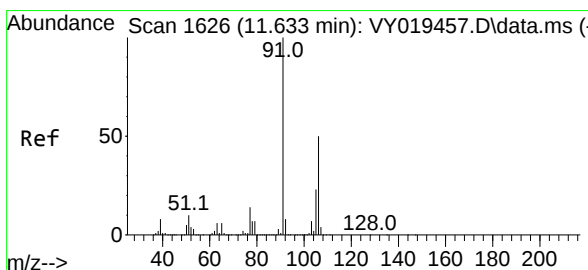
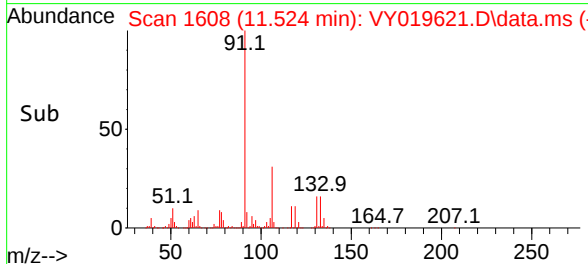
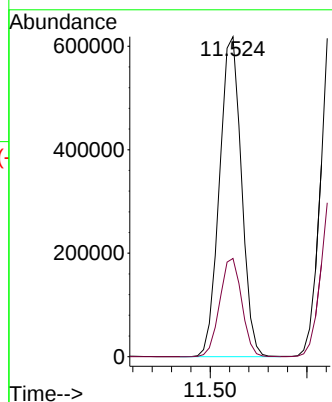
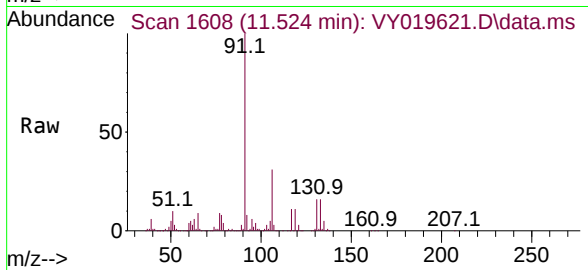
ClientSampleId :

Tgt Ion: 91 Resp: 973191

Ion Ratio Lower Upper

91 100

106 30.7 24.5 36.7



#68

m/p-Xylenes

Concen: 103.745 ug/l

RT: 11.633 min Scan# 1626

Delta R.T. 0.000 min

Lab File: VY019621.D

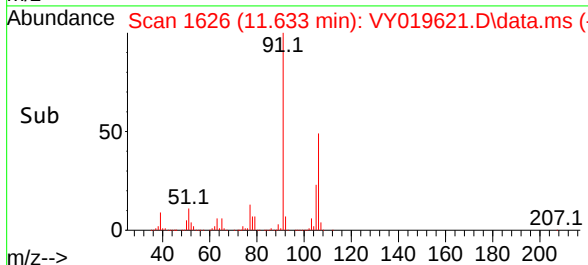
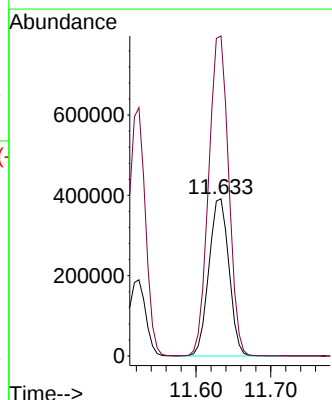
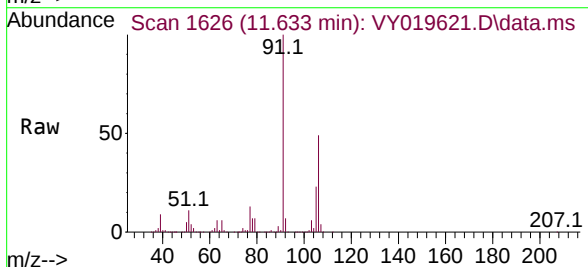
Acq: 19 Sep 2024 09:24

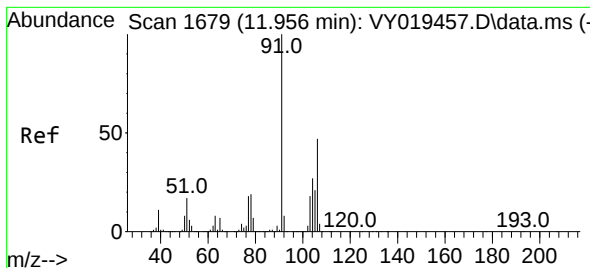
Tgt Ion:106 Resp: 728229

Ion Ratio Lower Upper

106 100

91 203.6 156.0 234.0





#69

o-Xylene

Concen: 50.489 ug/l

RT: 11.956 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019621.D

Acq: 19 Sep 2024 09:24

Instrument :

MSVOA_Y

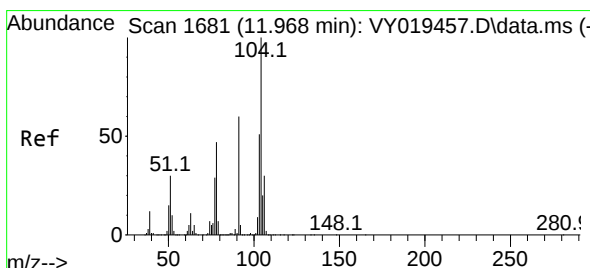
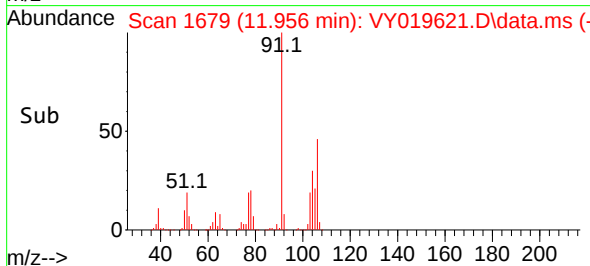
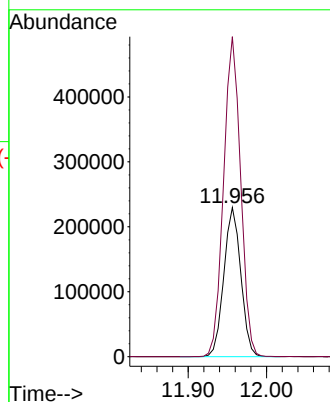
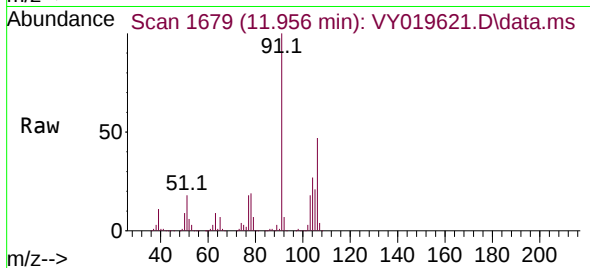
ClientSampleId :

Tgt Ion:106 Resp: 346596

Ion Ratio Lower Upper

106 100

91 215.8 103.6 310.8



#70

Styrene

Concen: 50.309 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. 0.000 min

Lab File: VY019621.D

Acq: 19 Sep 2024 09:24

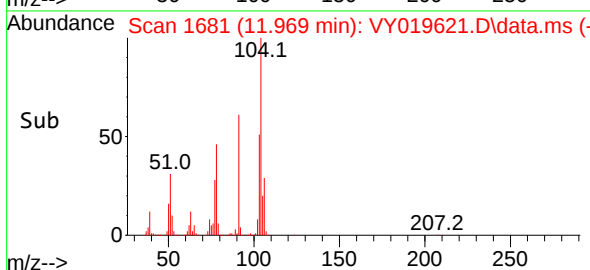
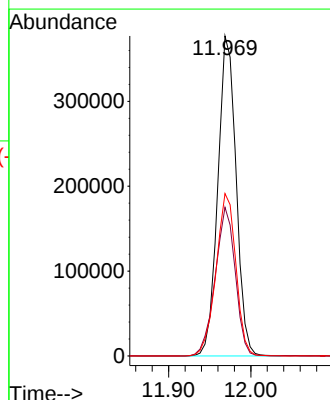
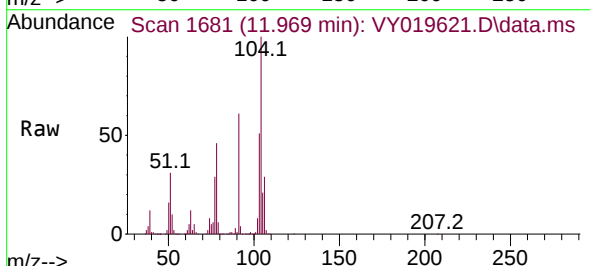
Tgt Ion:104 Resp: 583092

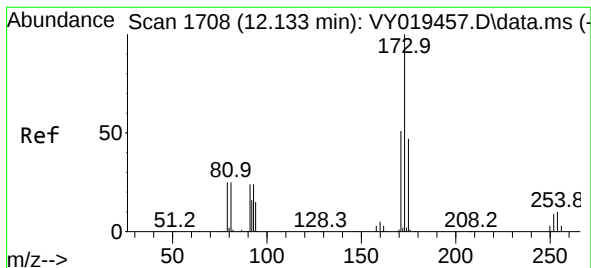
Ion Ratio Lower Upper

104 100

78 50.9 37.0 55.4

103 55.2 44.2 66.2





#71

Bromoform

Concen: 46.790 ug/l

RT: 12.133 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019621.D

Acq: 19 Sep 2024 09:24

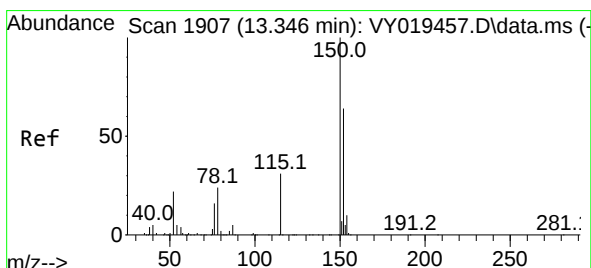
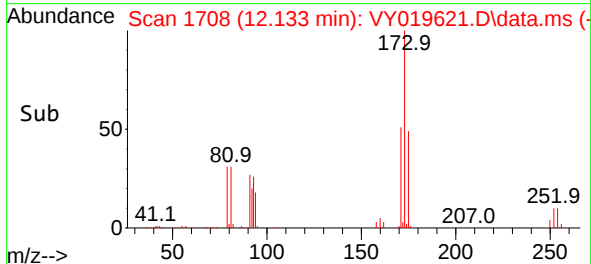
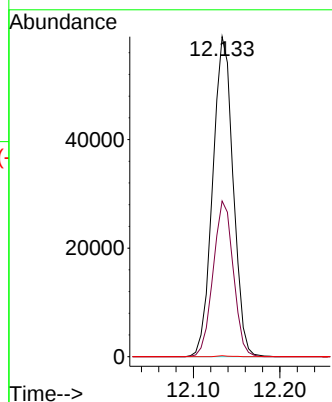
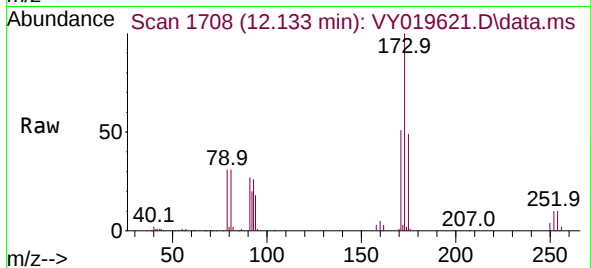
Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:173 Resp: 96674

Ion	Ratio	Lower	Upper
173	100		
175	48.0	25.1	75.3
254	0.2	0.0	0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

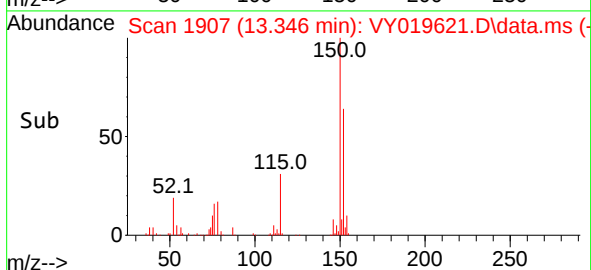
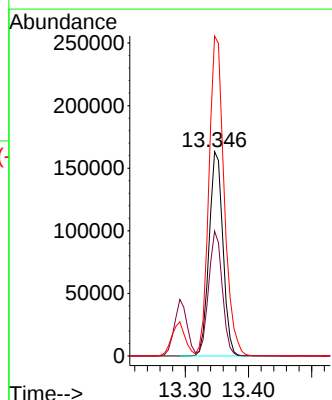
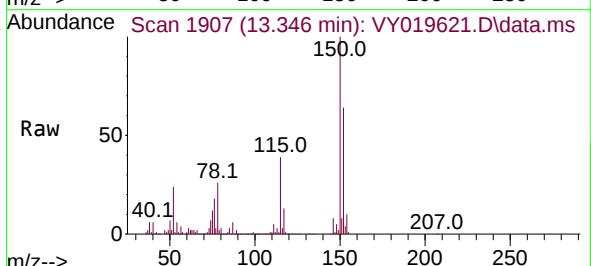
Delta R.T. 0.000 min

Lab File: VY019621.D

Acq: 19 Sep 2024 09:24

Tgt Ion:152 Resp: 248166

Ion	Ratio	Lower	Upper
152	100		
115	60.1	28.2	84.7
150	172.1	0.0	345.6





#73

Isopropylbenzene

Concen: 52.655 ug/l

RT: 12.255 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019621.D

Acq: 19 Sep 2024 09:24

Instrument :

MSVOA_Y

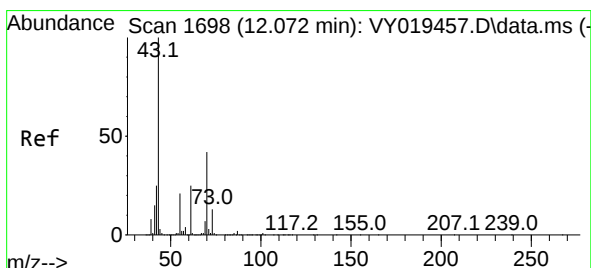
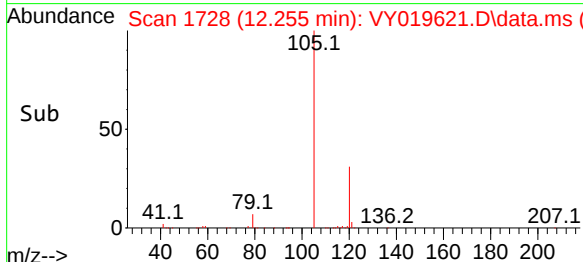
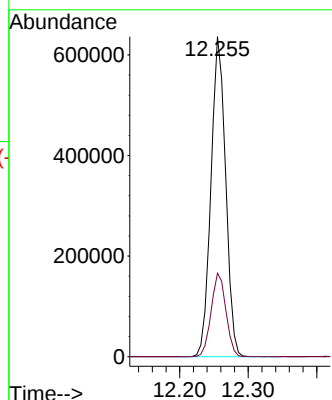
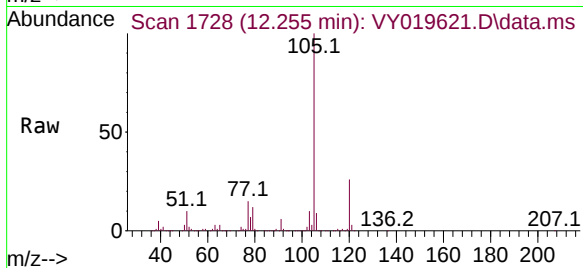
ClientSampleId :

Tgt Ion:105 Resp: 947983

Ion Ratio Lower Upper

105 100

120 26.2 13.4 40.1



#74

N-ethyl acetate

Concen: 43.853 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VY019621.D

Acq: 19 Sep 2024 09:24

Tgt Ion: 43 Resp: 214723

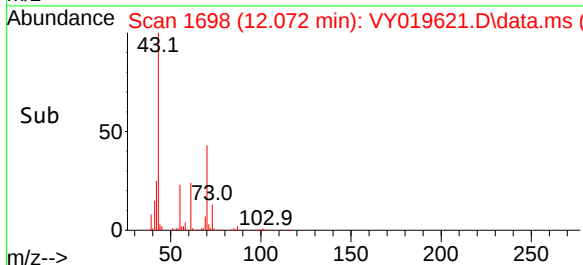
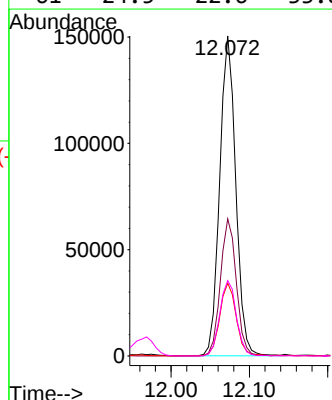
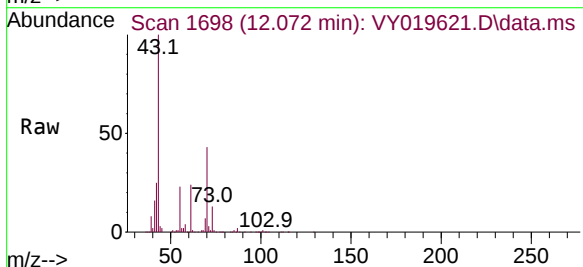
Ion Ratio Lower Upper

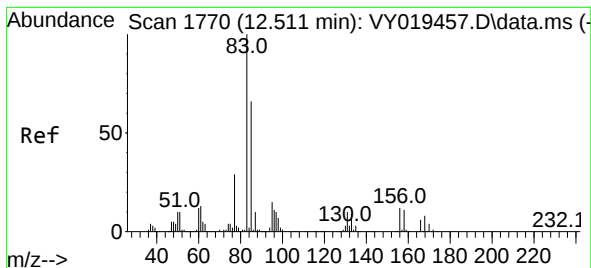
43 100

70 42.7 41.4 62.2

55 23.5 23.3 34.9

61 24.5 22.6 33.8

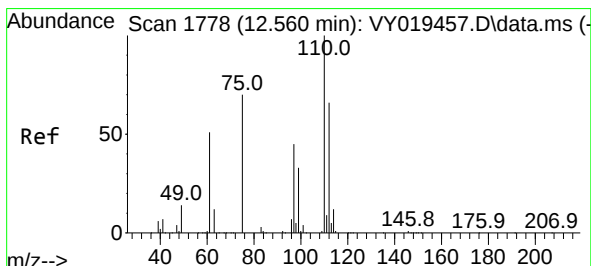
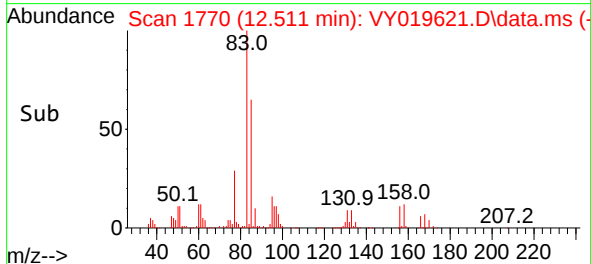
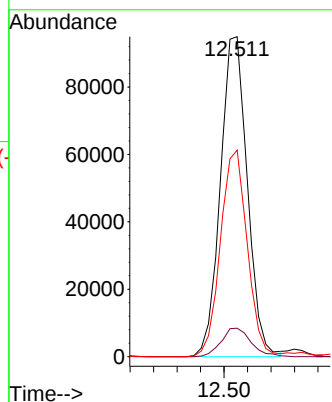
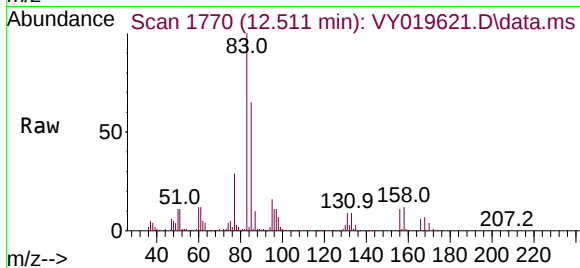




#75
1,1,2,2-Tetrachloroethane
Concen: 47.324 ug/l
RT: 12.511 min Scan# 1770
Delta R.T. 0.000 min
Lab File: VY019621.D
Acq: 19 Sep 2024 09:24

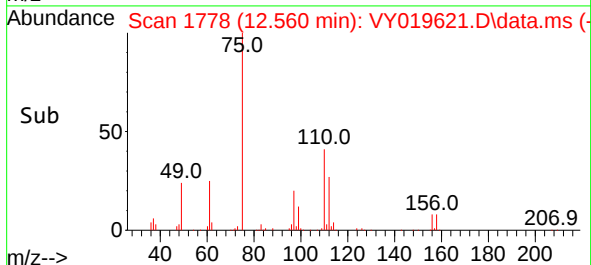
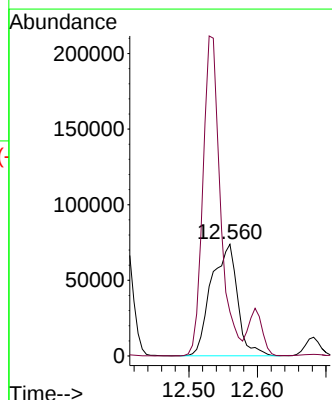
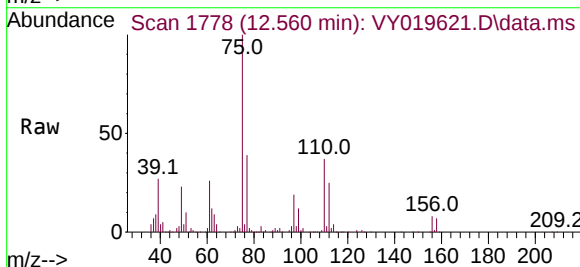
Instrument :
MSVOA_Y
ClientSampleId :

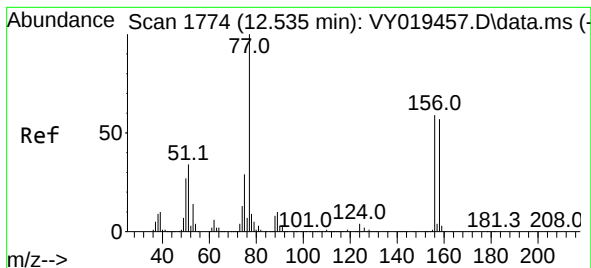
Tgt Ion: 83 Resp: 151227
Ion Ratio Lower Upper
83 100
131 9.9 5.0 14.9
85 64.3 32.0 96.0



#76
1,2,3-Trichloropropane
Concen: 84.551 ug/l
RT: 12.560 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VY019621.D
Acq: 19 Sep 2024 09:24

Tgt Ion: 75 Resp: 196668
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 49.005 ug/l

RT: 12.536 min Scan# 1774

Delta R.T. 0.000 min

Lab File: VY019621.D

Acq: 19 Sep 2024 09:24

Instrument :

MSVOA_Y

ClientSampleId :

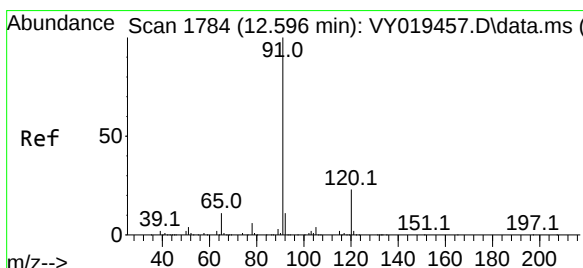
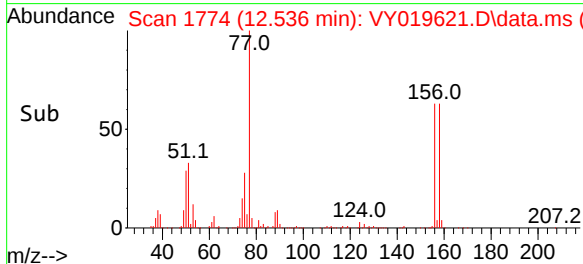
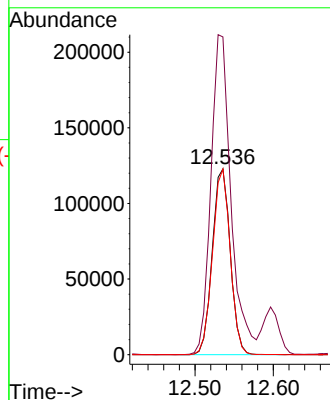
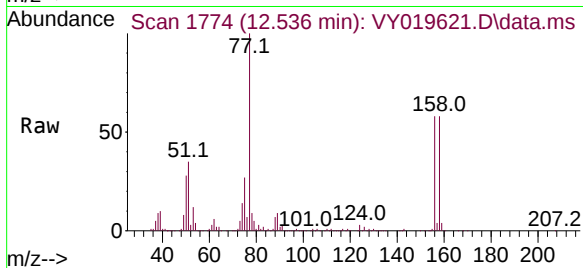
Tgt Ion:156 Resp: 195675

Ion Ratio Lower Upper

156 100

77 193.0 87.1 261.3

158 98.3 48.6 145.9



#78

n-propylbenzene

Concen: 52.949 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY019621.D

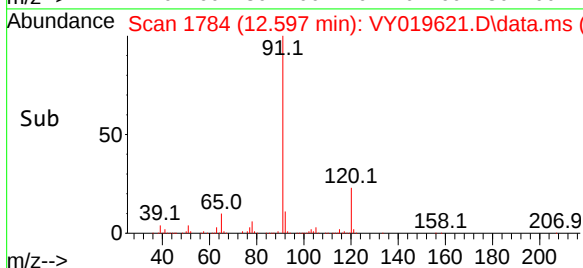
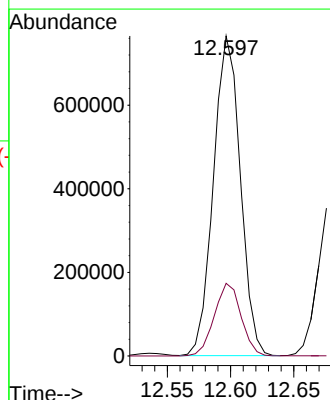
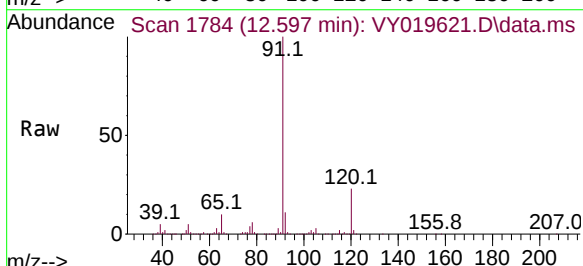
Acq: 19 Sep 2024 09:24

Tgt Ion: 91 Resp: 1129889

Ion Ratio Lower Upper

91 100

120 22.6 11.5 34.4

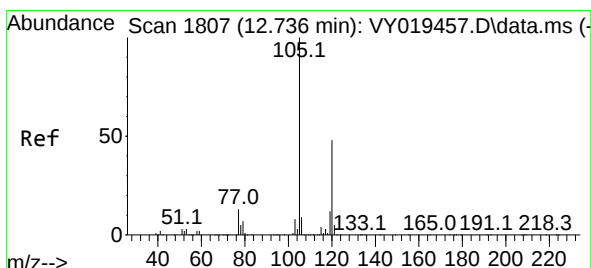
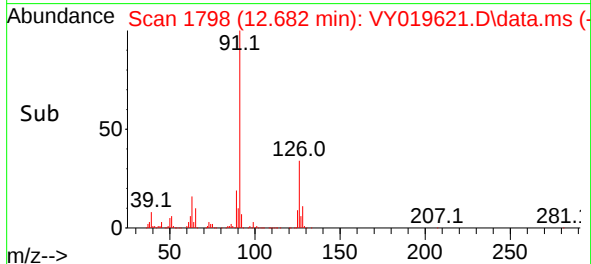
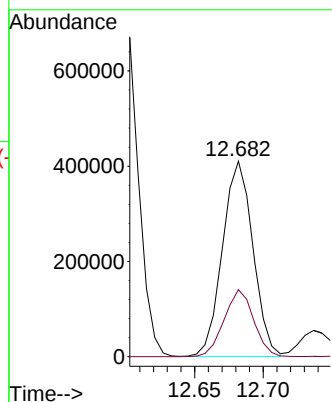
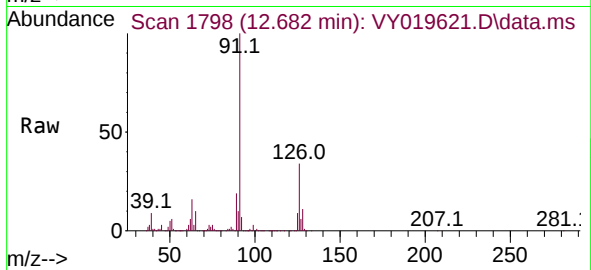




#79
2-Chlorotoluene
Concen: 50.928 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. 0.000 min
Lab File: VY019621.D
Acq: 19 Sep 2024 09:24

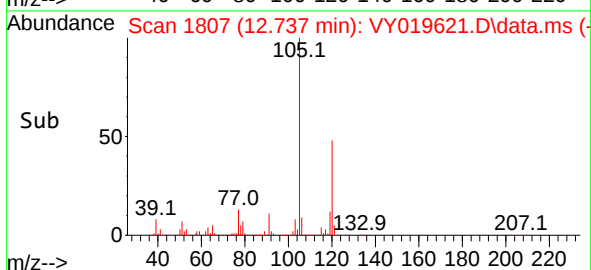
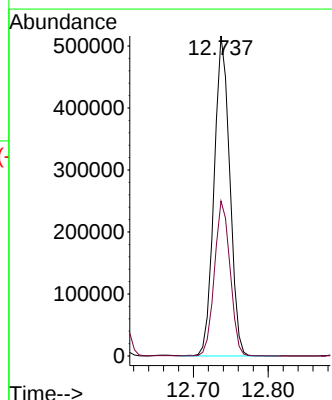
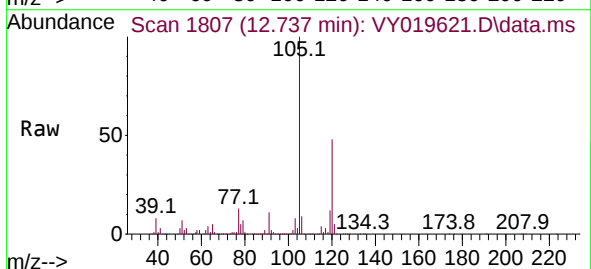
Instrument :
MSVOA_Y
ClientSampleId :

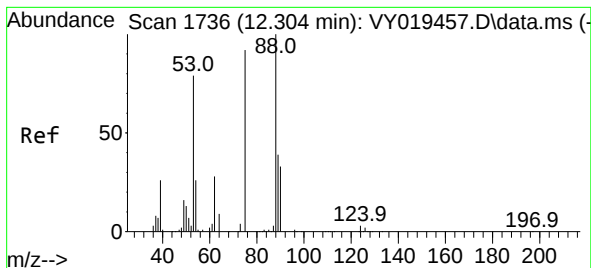
Tgt Ion: 91 Resp: 633336
Ion Ratio Lower Upper
91 100
126 33.4 17.8 53.5



#80
1,3,5-Trimethylbenzene
Concen: 51.302 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY019621.D
Acq: 19 Sep 2024 09:24

Tgt Ion: 105 Resp: 750862
Ion Ratio Lower Upper
105 100
120 48.3 25.1 75.2

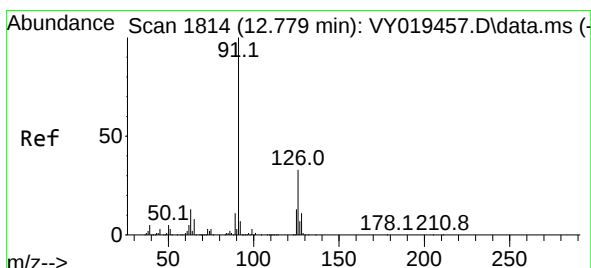
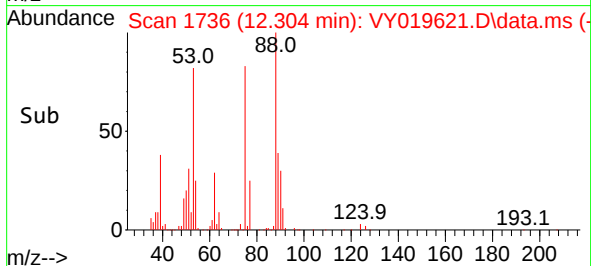
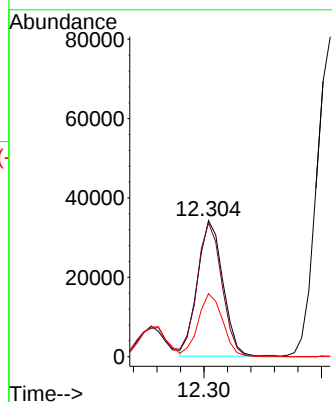
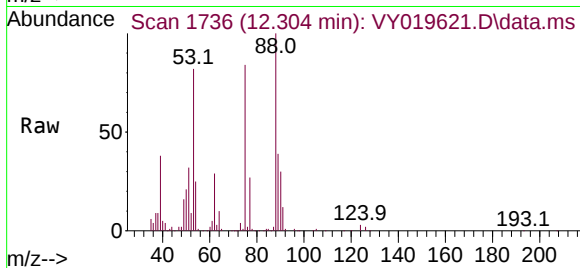




#81
trans-1,4-Dichloro-2-butene
Concen: 42.271 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY019621.D
Acq: 19 Sep 2024 09:24

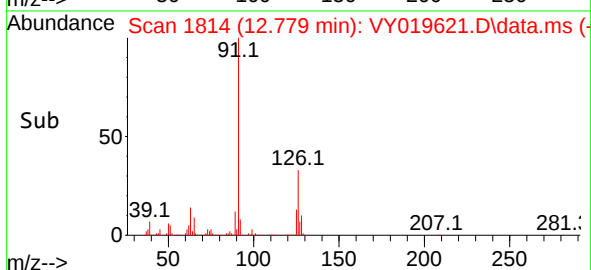
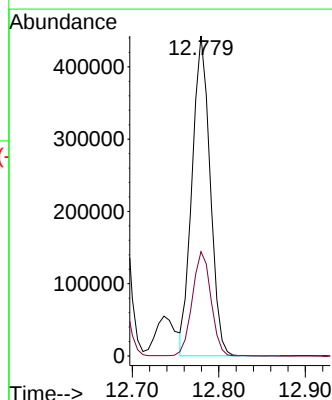
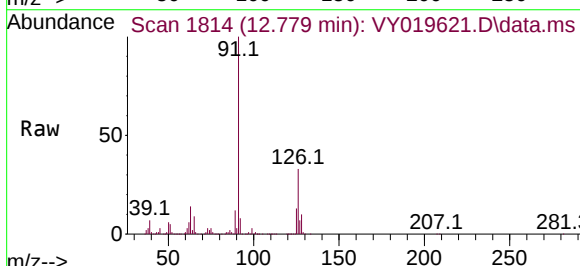
Instrument :
MSVOA_Y
ClientSampleId :

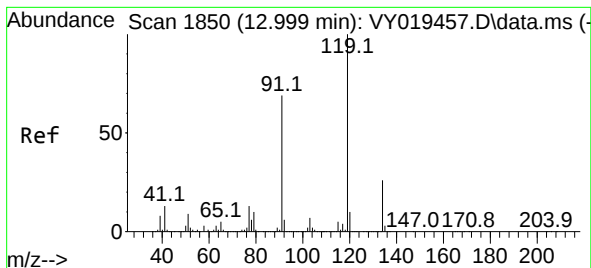
Tgt Ion: 75 Resp: 51218
Ion Ratio Lower Upper
75 100
53 97.0 66.8 100.2
89 45.1 35.8 53.6



#82
4-Chlorotoluene
Concen: 49.965 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY019621.D
Acq: 19 Sep 2024 09:24

Tgt Ion: 91 Resp: 638811
Ion Ratio Lower Upper
91 100
126 33.8 17.6 52.9





#83

tert-Butylbenzene

Concen: 51.835 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.000 min

Lab File: VY019621.D

Acq: 19 Sep 2024 09:24

Instrument :

MSVOA_Y

ClientSampleId :

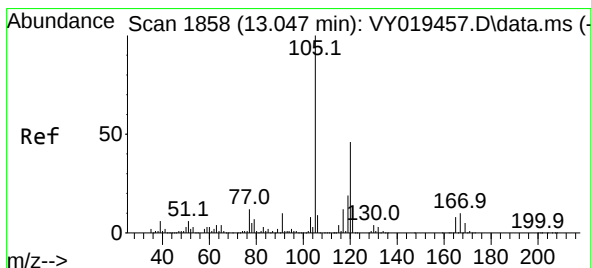
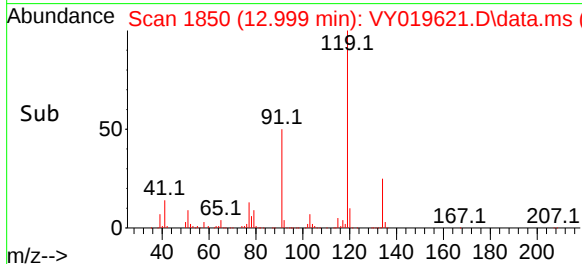
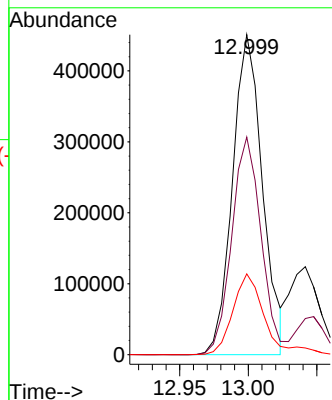
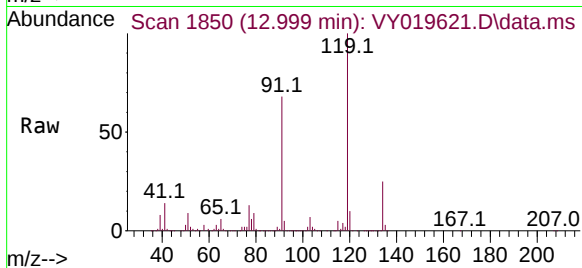
Tgt Ion:119 Resp: 686822

Ion Ratio Lower Upper

119 100

91 67.2 31.3 93.8

134 26.8 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 50.987 ug/l

RT: 13.048 min Scan# 1858

Delta R.T. 0.000 min

Lab File: VY019621.D

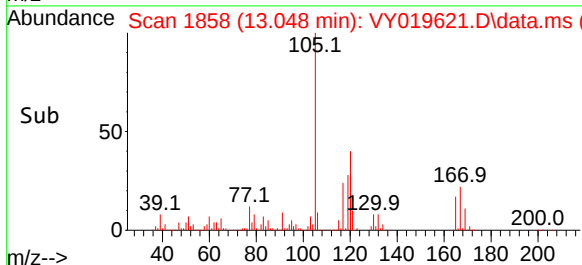
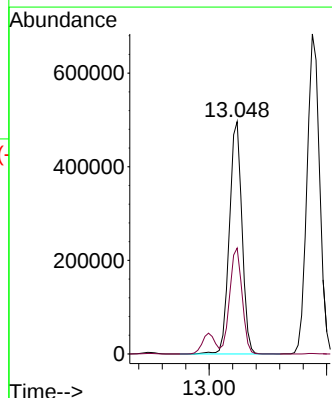
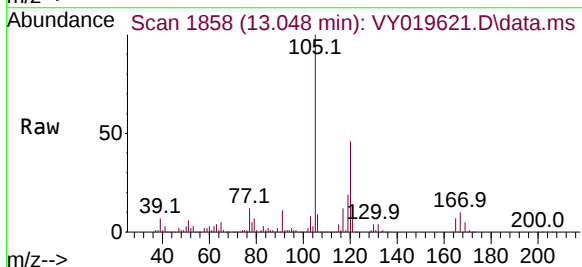
Acq: 19 Sep 2024 09:24

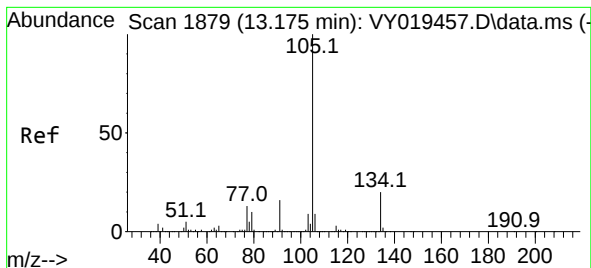
Tgt Ion:105 Resp: 738688

Ion Ratio Lower Upper

105 100

120 45.0 23.2 69.6





#85

sec-Butylbenzene

Concen: 52.740 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY019621.D

Acq: 19 Sep 2024 09:24

Instrument :

MSVOA_Y

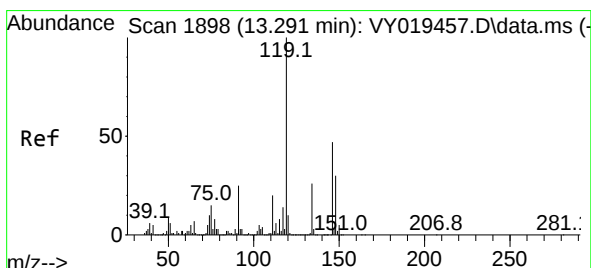
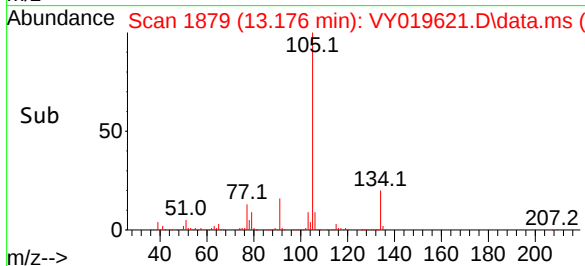
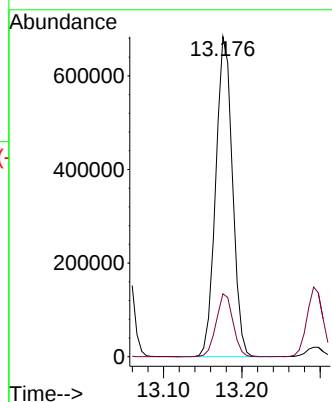
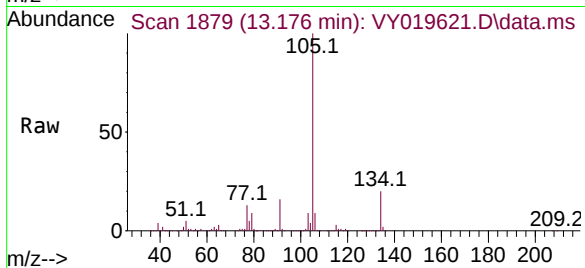
ClientSampleId :

Tgt Ion:105 Resp: 1015176

Ion Ratio Lower Upper

105 100

134 19.7 10.1 30.1



#86

p-Isopropyltoluene

Concen: 52.309 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY019621.D

Acq: 19 Sep 2024 09:24

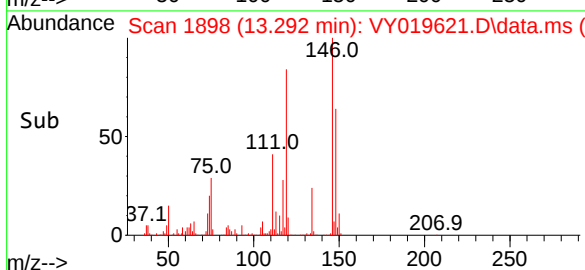
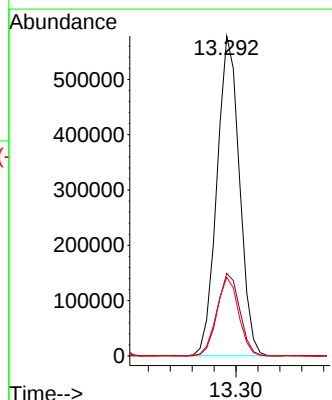
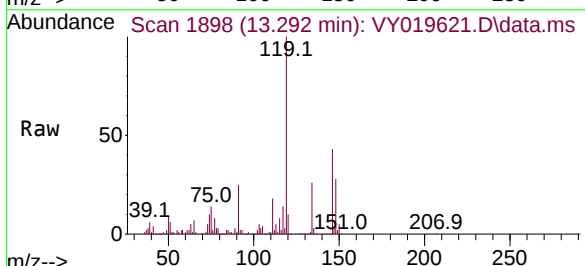
Tgt Ion:119 Resp: 823794

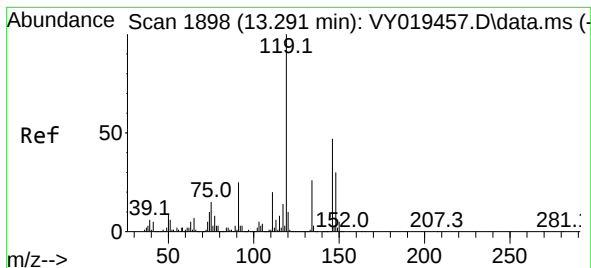
Ion Ratio Lower Upper

119 100

134 25.7 13.1 39.3

91 24.2 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 50.570 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY019621.D

Acq: 19 Sep 2024 09:24

Instrument :

MSVOA_Y

ClientSampleId :

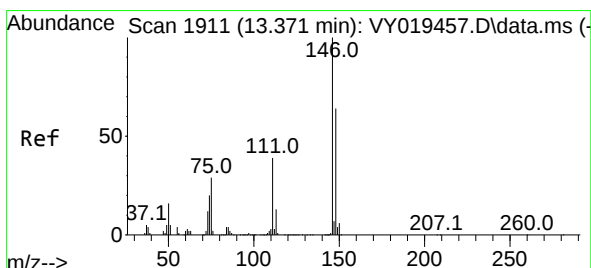
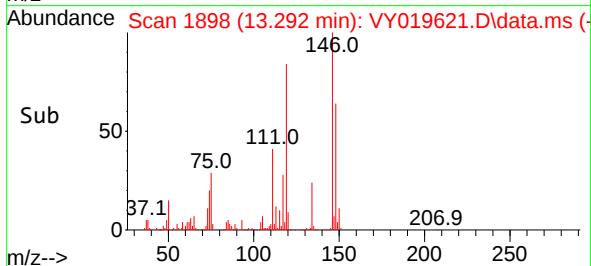
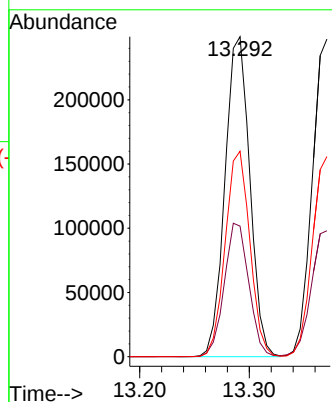
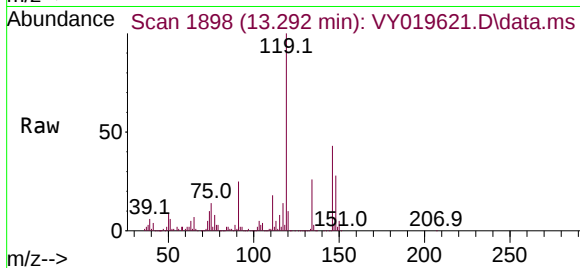
Tgt Ion:146 Resp: 392366

Ion Ratio Lower Upper

146 100

111 41.2 19.0 57.0

148 63.7 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 50.306 ug/l

RT: 13.371 min Scan# 1911

Delta R.T. 0.000 min

Lab File: VY019621.D

Acq: 19 Sep 2024 09:24

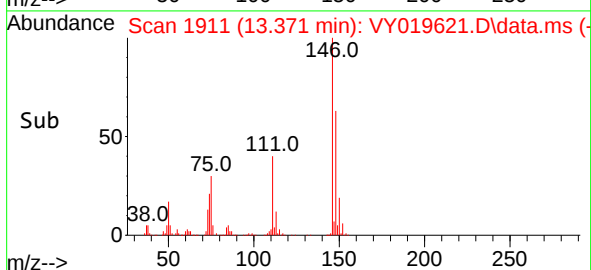
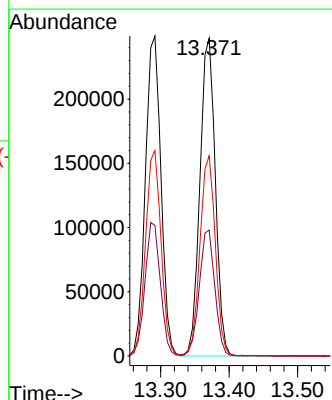
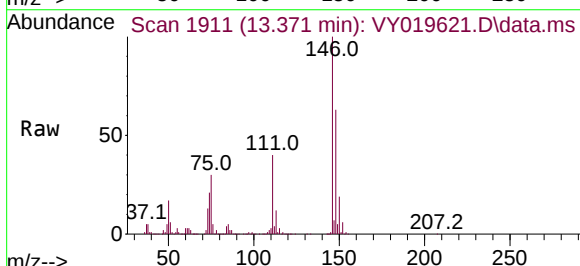
Tgt Ion:146 Resp: 387363

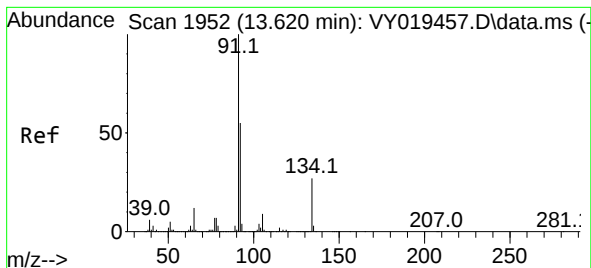
Ion Ratio Lower Upper

146 100

111 40.0 18.4 55.4

148 62.8 32.4 97.2





#89

n-Butylbenzene

Concen: 52.483 ug/l

RT: 13.621 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VY019621.D

Acq: 19 Sep 2024 09:24

Instrument :

MSVOA_Y

ClientSampleId :

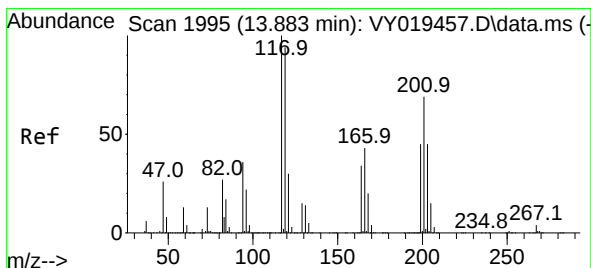
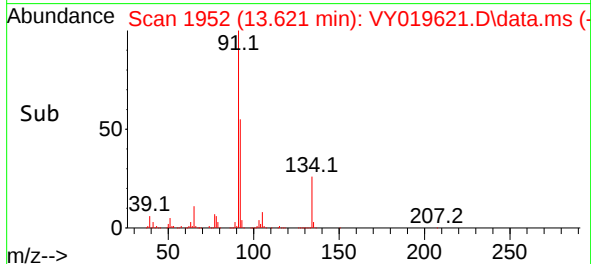
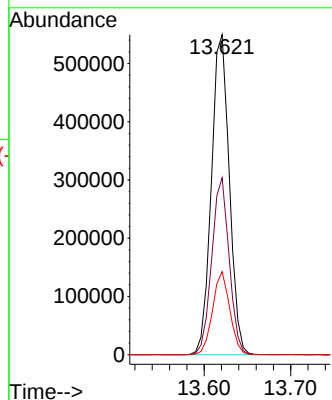
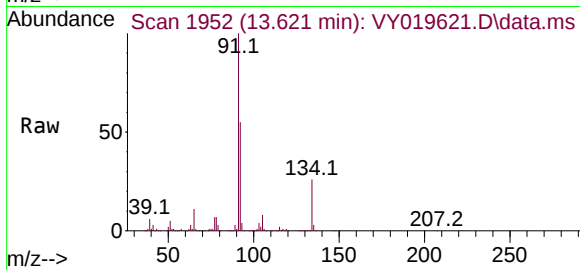
Tgt Ion: 91 Resp: 790162

Ion Ratio Lower Upper

91 100

92 53.8 26.6 79.7

134 24.9 12.9 38.7



#90

Hexachloroethane

Concen: 50.726 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.000 min

Lab File: VY019621.D

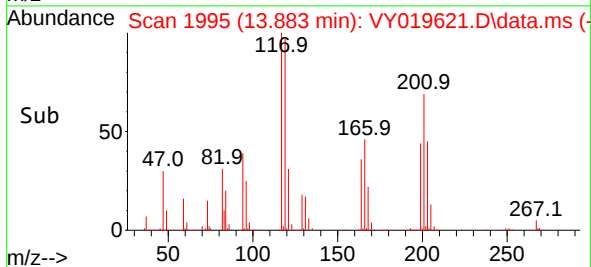
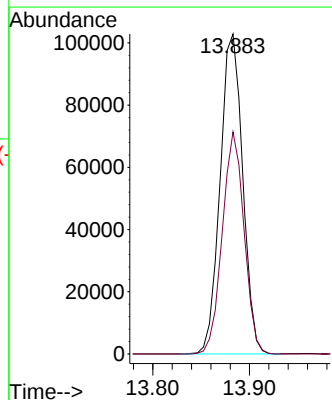
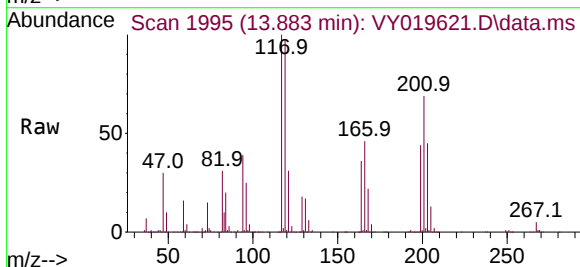
Acq: 19 Sep 2024 09:24

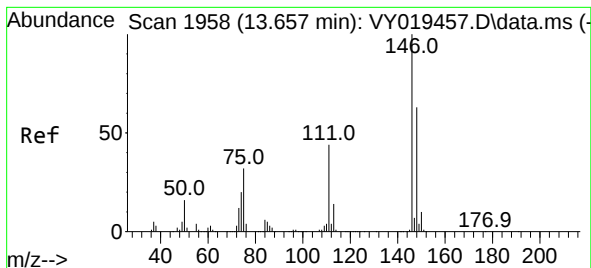
Tgt Ion: 117 Resp: 166220

Ion Ratio Lower Upper

117 100

201 67.0 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 48.765 ug/l

RT: 13.657 min Scan# 1958

Delta R.T. 0.000 min

Lab File: VY019621.D

Acq: 19 Sep 2024 09:24

Instrument :

MSVOA_Y

ClientSampleId :

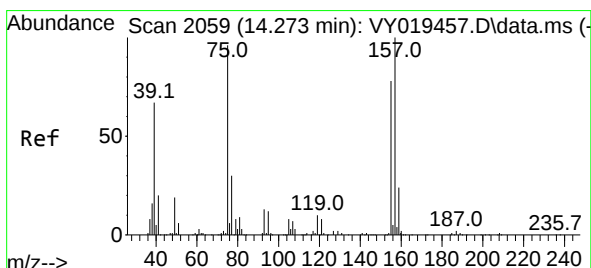
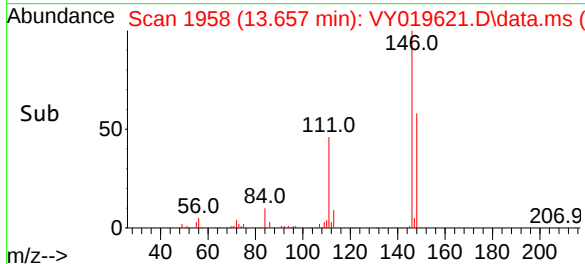
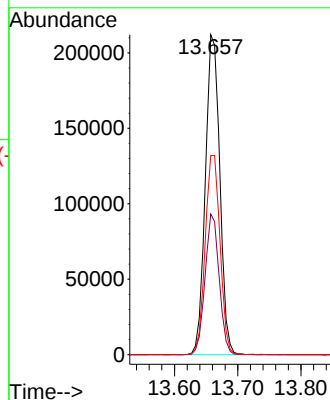
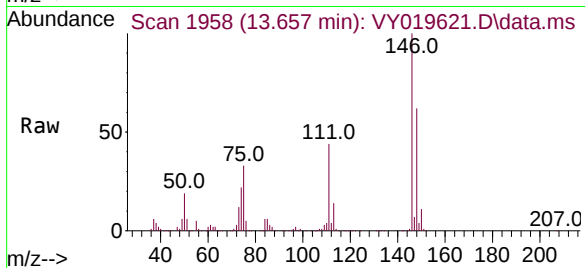
Tgt Ion:146 Resp: 337632

Ion Ratio Lower Upper

146 100

111 43.0 19.9 59.7

148 63.9 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 43.208 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. 0.000 min

Lab File: VY019621.D

Acq: 19 Sep 2024 09:24

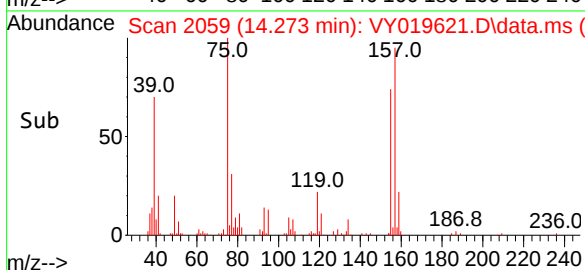
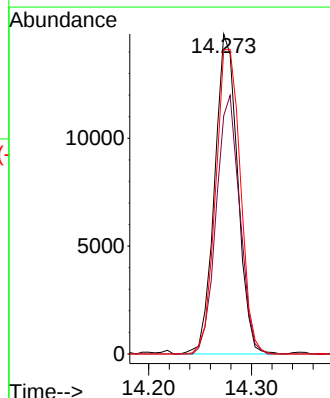
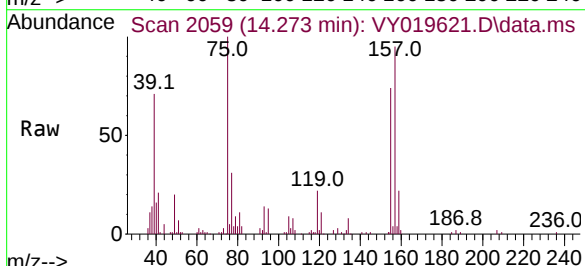
Tgt Ion: 75 Resp: 23012

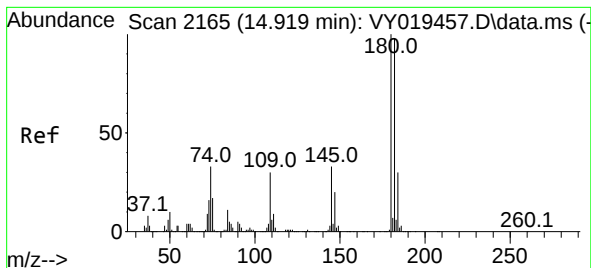
Ion Ratio Lower Upper

75 100

155 82.4 48.6 145.8

157 102.2 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 44.584 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY019621.D

Acq: 19 Sep 2024 09:24

Instrument :

MSVOA_Y

ClientSampleId :

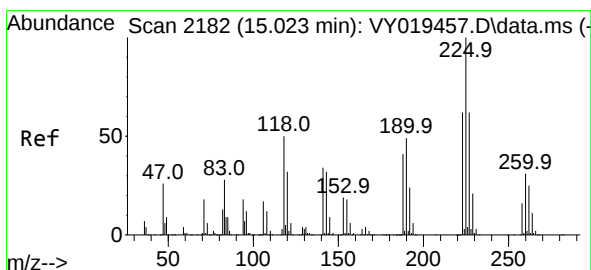
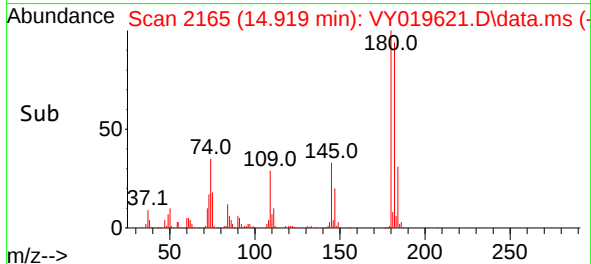
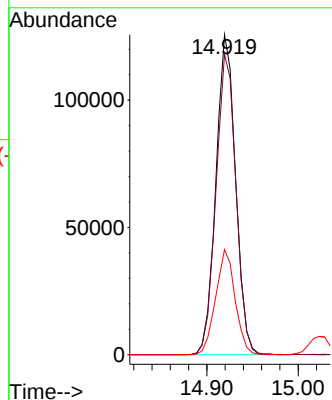
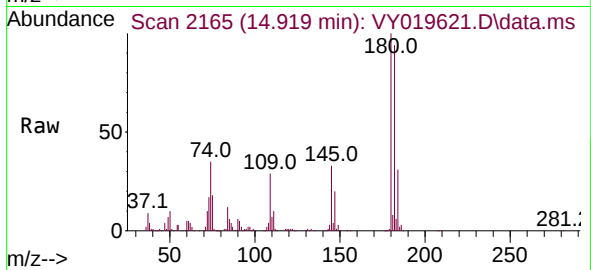
Tgt Ion:180 Resp: 187746

Ion Ratio Lower Upper

180 100

182 95.4 47.9 143.8

145 32.5 14.2 42.6



#94

Hexachlorobutadiene

Concen: 46.159 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY019621.D

Acq: 19 Sep 2024 09:24

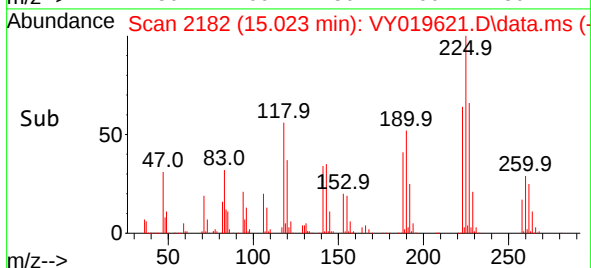
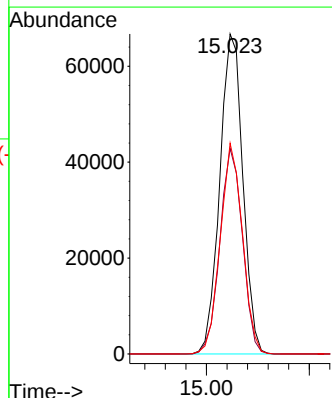
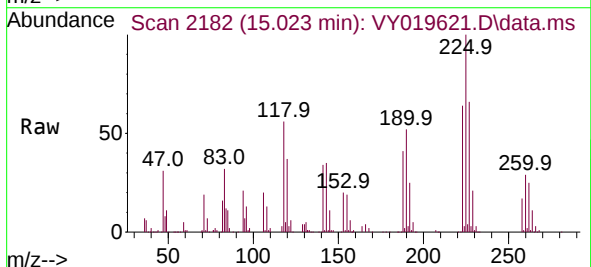
Tgt Ion:225 Resp: 103841

Ion Ratio Lower Upper

225 100

223 62.7 30.4 91.2

227 63.5 31.9 95.9





#95

Naphthalene

Concen: 41.457 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY019621.D

Acq: 19 Sep 2024 09:24

Instrument :

MSVOA_Y

ClientSampleId :

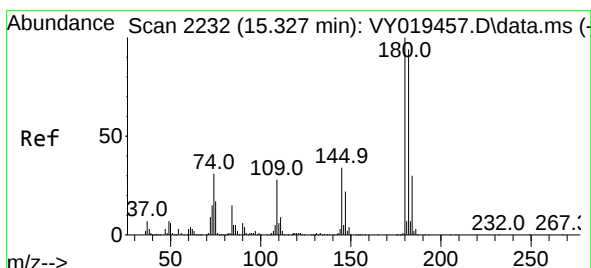
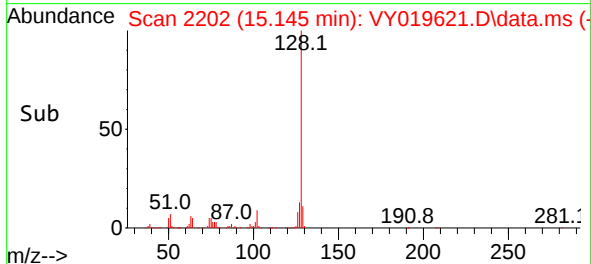
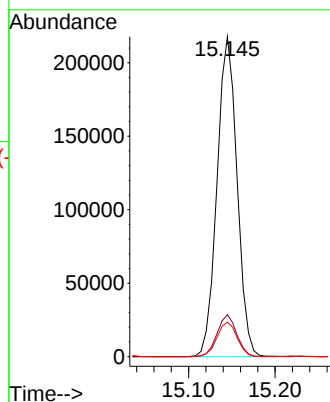
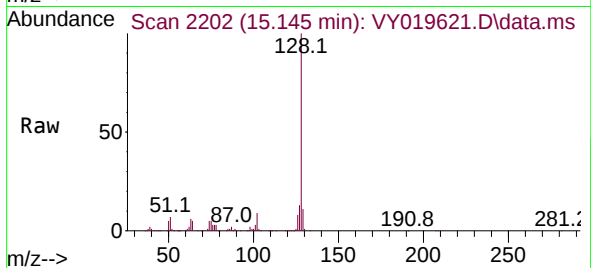
Tgt Ion:128 Resp: 349608

Ion Ratio Lower Upper

128 100

127 12.9 10.6 16.0

129 10.9 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 43.136 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY019621.D

Acq: 19 Sep 2024 09:24

Tgt Ion:180 Resp: 155375

Ion Ratio Lower Upper

180 100

182 94.9 47.6 142.9

145 34.6 15.4 46.1

