

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102124\
 Data File : VY019967.D
 Acq On : 21 Oct 2024 16:54
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.79g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 22 01:24:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 16 05:44:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	209885	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	383722	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	338750	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	168205	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	147198	56.958	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 113.920%	
35) Dibromofluoromethane	7.634	113	137350	54.243	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.480%	
50) Toluene-d8	10.103	98	492153	52.632	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 105.260%	
62) 4-Bromofluorobenzene	12.401	95	181194	53.628	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 107.260%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.861	85	92153	47.164	ug/l	97
3) Chloromethane	2.068	50	145322	57.146	ug/l	99
4) Vinyl Chloride	2.202	62	164798	58.890	ug/l	99
5) Bromomethane	2.592	94	107930	60.934	ug/l	96
6) Chloroethane	2.732	64	114225	60.760	ug/l	100
7) Trichlorofluoromethane	3.056	101	232816	55.912	ug/l	99
8) Diethyl Ether	3.452	74	76270	60.268	ug/l	76
9) 1,1,2-Trichlorotrifluo...	3.818	101	133956	55.307	ug/l	90
10) Methyl Iodide	4.001	142	134402	54.867	ug/l	92
11) Tert butyl alcohol	4.860	59	51923	247.844	ug/l	# 78
12) 1,1-Dichloroethene	3.793	96	121637	54.021	ug/l	84
13) Acrolein	3.653	56	30984	163.165	ug/l	98
14) Allyl chloride	4.385	41	247300	60.872	ug/l	# 89
15) Acrylonitrile	5.055	53	186370	321.972	ug/l	97
16) Acetone	3.873	43	173438	257.810	ug/l	# 86
17) Carbon Disulfide	4.104	76	283897	47.040	ug/l	99
18) Methyl Acetate	4.385	43	100031	69.026	ug/l	# 88
19) Methyl tert-butyl Ether	5.116	73	395980	61.214	ug/l	97
20) Methylene Chloride	4.616	84	152237	61.429	ug/l	# 83
21) trans-1,2-Dichloroethene	5.116	96	142799	58.270	ug/l	87
22) Diisopropyl ether	6.018	45	590113	66.685	ug/l	# 90
23) Vinyl Acetate	5.957	43	1592168	313.846	ug/l	# 90
24) 1,1-Dichloroethane	5.915	63	316434	64.328	ug/l	96
25) 2-Butanone	6.896	43	261922	290.870	ug/l	# 83
26) 2,2-Dichloropropane	6.884	77	240382	54.872	ug/l	94
27) cis-1,2-Dichloroethene	6.890	96	185994	61.415	ug/l	84
28) Bromochloromethane	7.244	49	129286	59.713	ug/l	# 72
29) Tetrahydrofuran	7.262	42	162984	316.995	ug/l	# 81
30) Chloroform	7.421	83	327589	65.329	ug/l	96
31) Cyclohexane	7.701	56	225885	52.311	ug/l	88
32) 1,1,1-Trichloroethane	7.616	97	267783	60.936	ug/l	94
36) 1,1-Dichloropropene	7.835	75	204231	55.984	ug/l	94
37) Ethyl Acetate	6.982	43	115412	60.672	ug/l	95
38) Carbon Tetrachloride	7.817	117	218837	55.958	ug/l	99
39) Methylcyclohexane	9.109	83	236393	51.429	ug/l	# 88
40) Benzene	8.079	78	653347	59.178	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	68434	66.471	ug/l #	83
42) 1,2-Dichloroethane	8.158	62	190525	60.069	ug/l	94
43) Isopropyl Acetate	8.195	43	230884	59.516	ug/l #	76
44) Trichloroethene	8.866	130	149357	55.856	ug/l	88
45) 1,2-Dichloropropane	9.140	63	169772	61.437	ug/l	99
46) Dibromomethane	9.225	93	90067	59.656	ug/l	90
47) Bromodichloromethane	9.420	83	249005	62.136	ug/l	99
48) Methyl methacrylate	9.219	41	107863	63.209	ug/l #	80
49) 1,4-Dioxane	9.231	88	19402	1148.195	ug/l #	76
51) 4-Methyl-2-Pentanone	9.993	43	621223	313.951	ug/l	88
52) Toluene	10.170	92	419710	60.903	ug/l	99
53) t-1,3-Dichloropropene	10.390	75	213156	59.116	ug/l	97
54) cis-1,3-Dichloropropene	9.853	75	250086	58.781	ug/l #	86
55) 1,1,2-Trichloroethane	10.566	97	119552	60.102	ug/l	96
56) Ethyl methacrylate	10.438	69	180227	63.144	ug/l #	75
57) 1,3-Dichloropropane	10.713	76	217409	62.238	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.707	63	365296	274.922	ug/l	92
59) 2-Hexanone	10.755	43	419953	297.150	ug/l	86
60) Dibromochloromethane	10.908	129	156049	61.121	ug/l	98
61) 1,2-Dibromoethane	11.011	107	105881	58.905	ug/l	99
64) Tetrachloroethene	10.640	164	130206	54.039	ug/l	93
65) Chlorobenzene	11.438	112	453540	58.536	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.511	131	153803	58.672	ug/l	99
67) Ethyl Benzene	11.517	91	825611	58.660	ug/l	99
68) m/p-Xylenes	11.627	106	600006	115.429	ug/l	91
69) o-Xylene	11.950	106	298214	59.711	ug/l	93
70) Styrene	11.969	104	510012	60.527	ug/l	96
71) Bromoform	12.127	173	81846	58.323	ug/l #	96
73) Isopropylbenzene	12.249	105	794744	56.173	ug/l	98
74) N-amyl acetate	12.066	43	216745	57.841	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.505	83	148992	59.265	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	183497	55.688	ug/l #	100
77) Bromobenzene	12.529	156	165962	55.278	ug/l	84
78) n-propylbenzene	12.590	91	968630	56.660	ug/l	97
79) 2-Chlorotoluene	12.676	91	555287	56.657	ug/l	94
80) 1,3,5-Trimethylbenzene	12.731	105	637886	55.828	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.298	75	42846	52.484	ug/l #	79
82) 4-Chlorotoluene	12.773	91	560002	55.881	ug/l	95
83) tert-Butylbenzene	12.993	119	574813	56.156	ug/l	94
84) 1,2,4-Trimethylbenzene	13.042	105	643506	56.805	ug/l	95
85) sec-Butylbenzene	13.170	105	862309	56.385	ug/l	97
86) p-Isopropyltoluene	13.285	119	688490	55.441	ug/l	95
87) 1,3-Dichlorobenzene	13.285	146	334014	55.090	ug/l	96
88) 1,4-Dichlorobenzene	13.365	146	326876	54.878	ug/l	97
89) n-Butylbenzene	13.615	91	672687	55.475	ug/l	98
90) Hexachloroethane	13.877	117	136865	56.599	ug/l	86
91) 1,2-Dichlorobenzene	13.657	146	297605	55.863	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.267	75	22125	55.145	ug/l	74
93) 1,2,4-Trichlorobenzene	14.919	180	151105	50.584	ug/l	97
94) Hexachlorobutadiene	15.023	225	81510	49.079	ug/l	98
95) Naphthalene	15.139	128	308794	54.808	ug/l	100
96) 1,2,3-Trichlorobenzene	15.322	180	129255	51.186	ug/l	97

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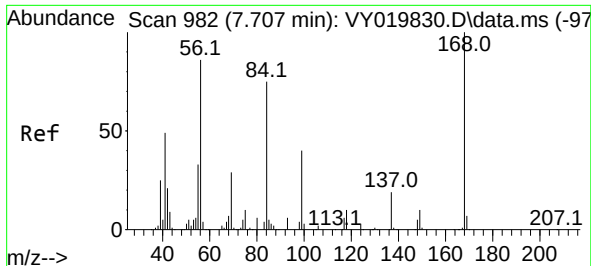
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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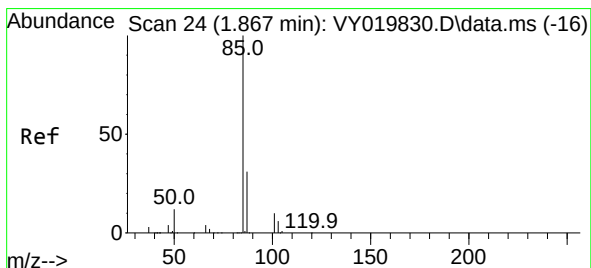
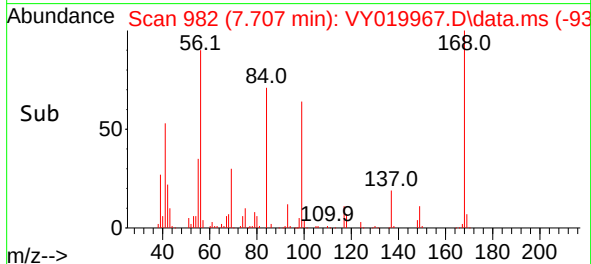
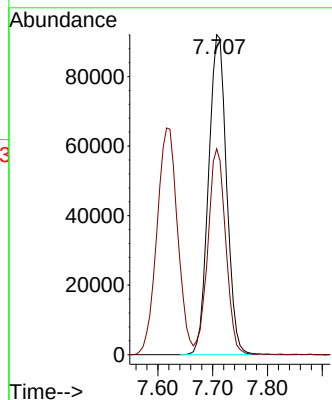
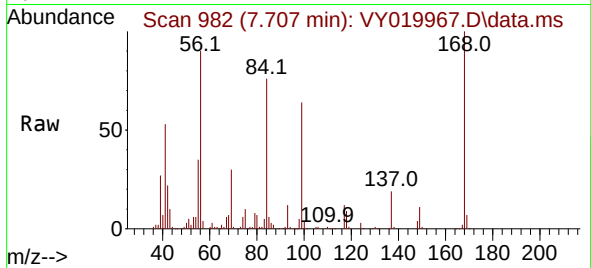




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
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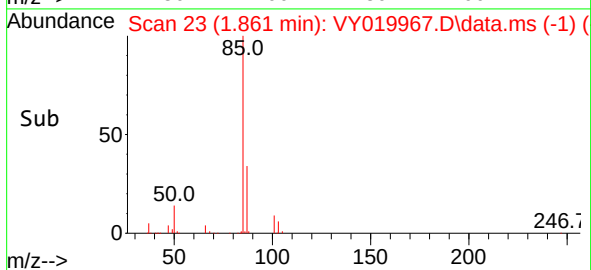
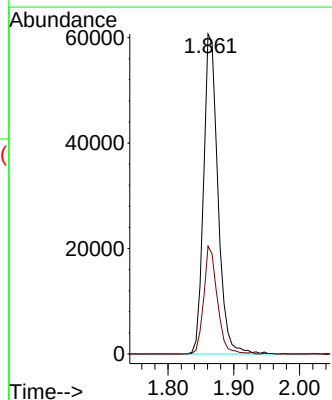
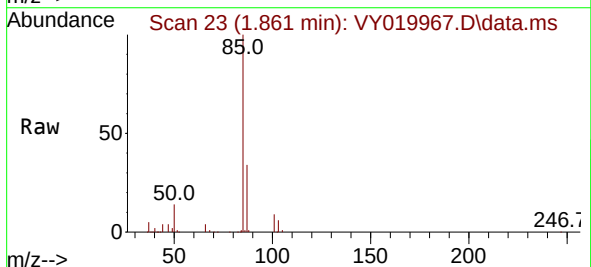
Instrument :
MSVOA_Y
ClientSampleId :

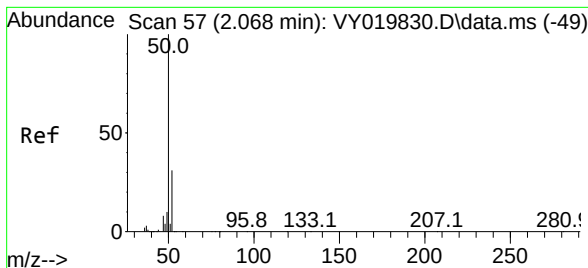
Tgt Ion:168 Resp: 209885
Ion Ratio Lower Upper
168 100
99 64.1 39.1 58.7#



#2
Dichlorodifluoromethane
Concen: 47.164 ug/l
RT: 1.861 min Scan# 23
Delta R.T. -0.005 min
Lab File: VY019967.D
Acq: 21 Oct 2024 16:54

Tgt Ion: 85 Resp: 92153
Ion Ratio Lower Upper
85 100
87 33.6 16.0 48.0





#3

Chloromethane

Concen: 57.146 ug/l

RT: 2.068 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY019967.D

Acq: 21 Oct 2024 16:54

Instrument :

MSVOA_Y

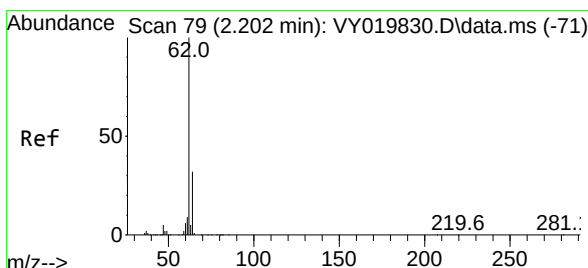
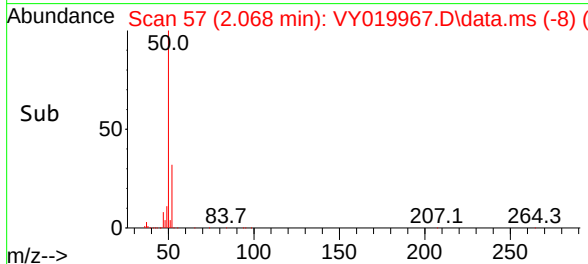
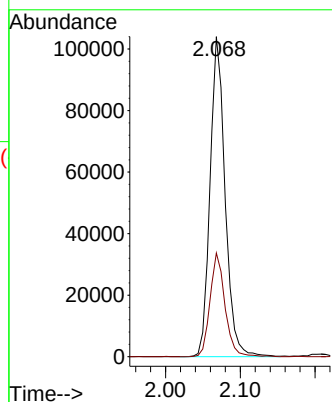
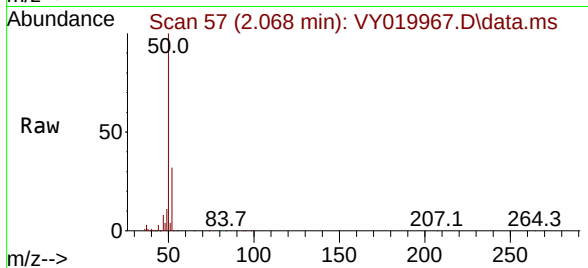
ClientSampleId :

Tgt Ion: 50 Resp: 145322

Ion Ratio Lower Upper

50 100

52 32.4 25.6 38.4



#4

Vinyl Chloride

Concen: 58.890 ug/l

RT: 2.202 min Scan# 79

Delta R.T. -0.006 min

Lab File: VY019967.D

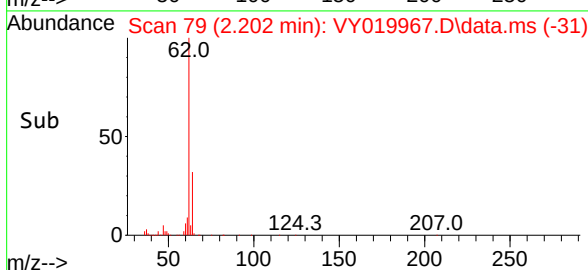
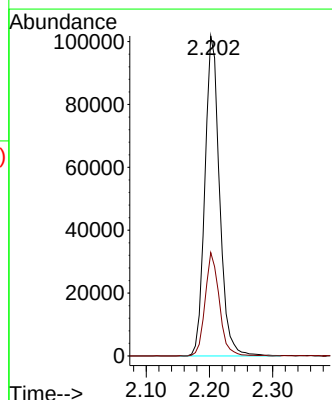
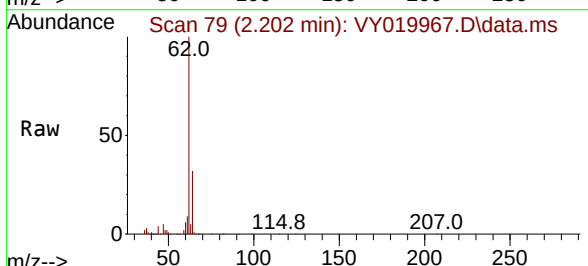
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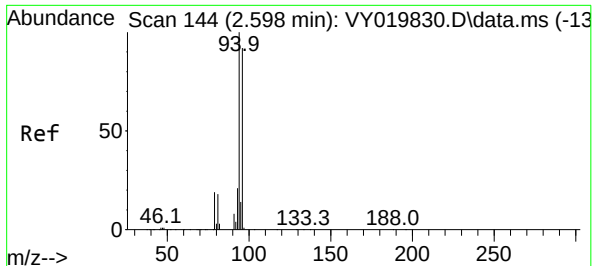
Tgt Ion: 62 Resp: 164798

Ion Ratio Lower Upper

62 100

64 32.2 26.1 39.1

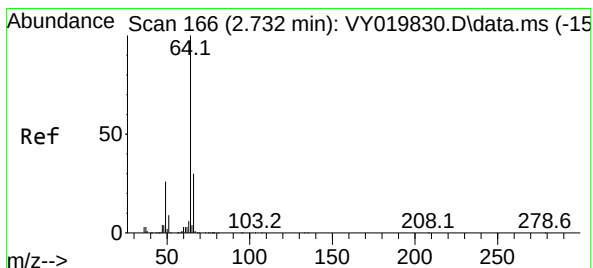
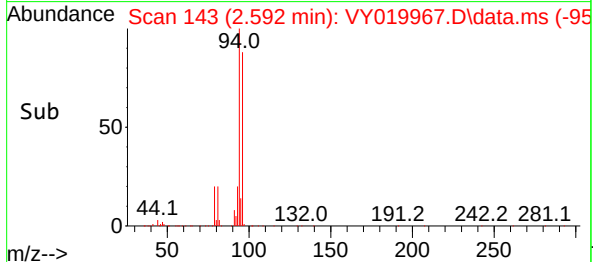
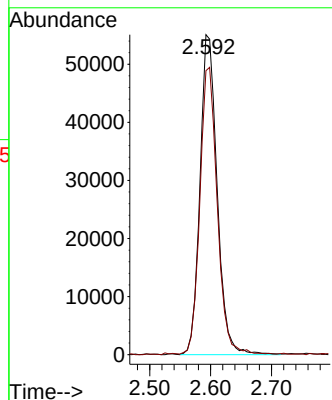
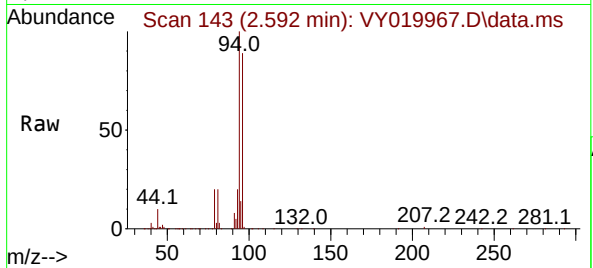




#5
Bromomethane
Concen: 60.934 ug/l
RT: 2.592 min Scan# 144
Delta R.T. -0.006 min
Lab File: VY019967.D
Acq: 21 Oct 2024 16:54

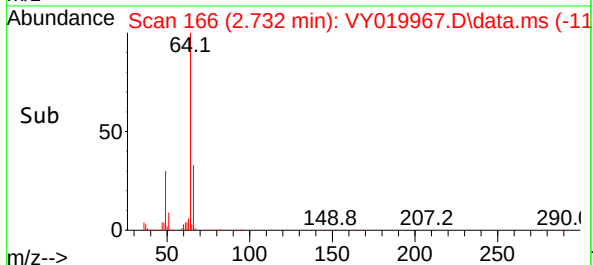
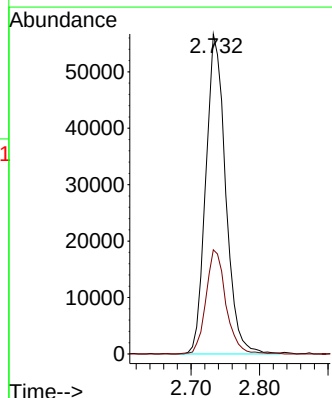
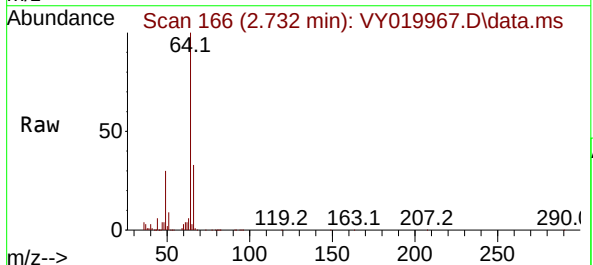
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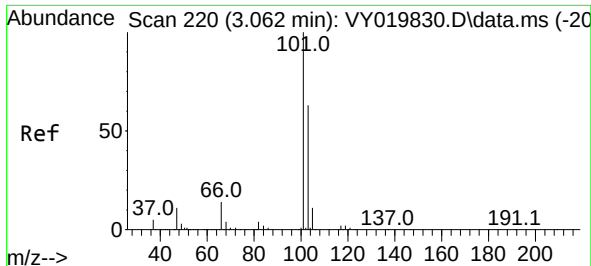
Tgt Ion: 94 Resp: 107930
Ion Ratio Lower Upper
94 100
96 88.6 74.1 111.1



#6
Chloroethane
Concen: 60.760 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY019967.D
Acq: 21 Oct 2024 16:54

Tgt Ion: 64 Resp: 114225
Ion Ratio Lower Upper
64 100
66 32.5 26.1 39.1

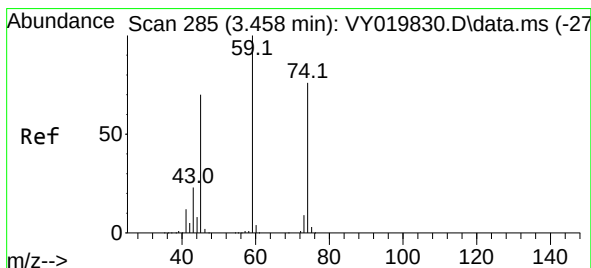
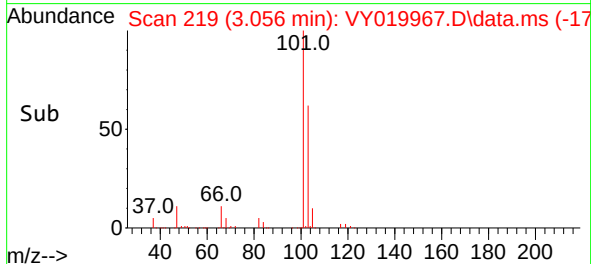
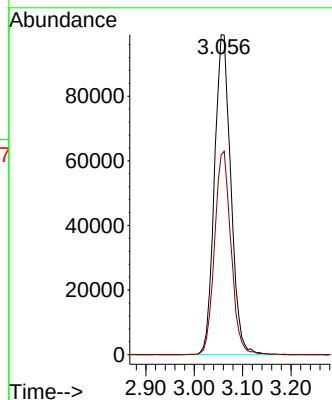
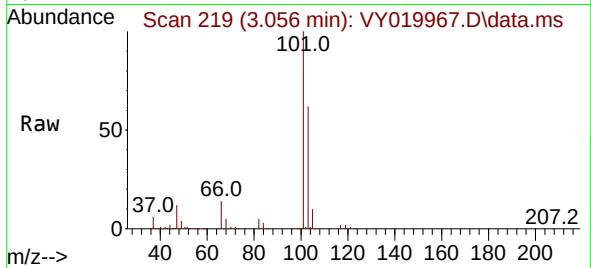




#7
 Trichlorofluoromethane
 Concen: 55.912 ug/l
 RT: 3.056 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VY019967.D
 Acq: 21 Oct 2024 16:54

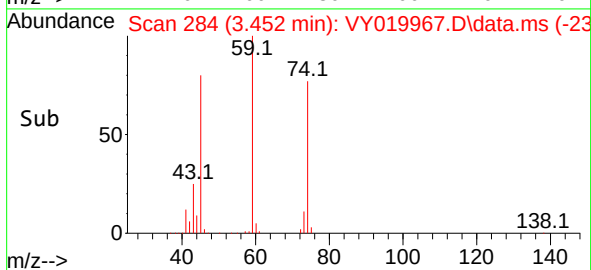
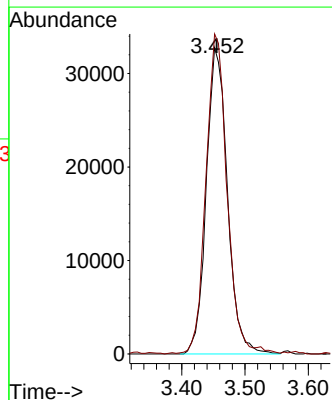
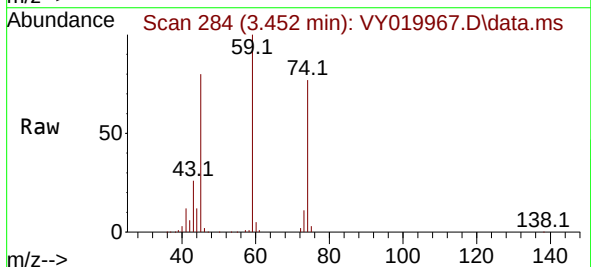
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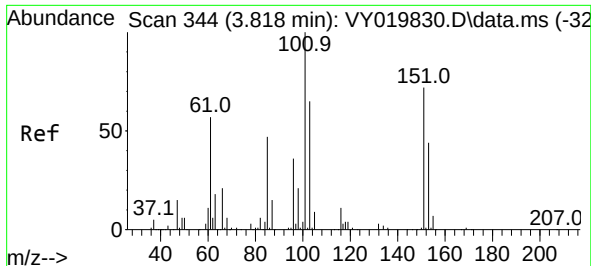
Tgt Ion:101 Resp: 232816
 Ion Ratio Lower Upper
 101 100
 103 62.5 49.3 73.9



#8
 Diethyl Ether
 Concen: 60.268 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. -0.006 min
 Lab File: VY019967.D
 Acq: 21 Oct 2024 16:54

Tgt Ion: 74 Resp: 76270
 Ion Ratio Lower Upper
 74 100
 45 104.6 41.3 124.1

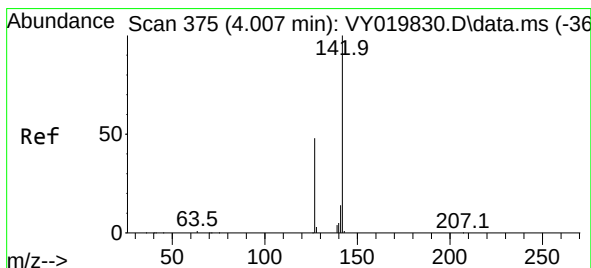
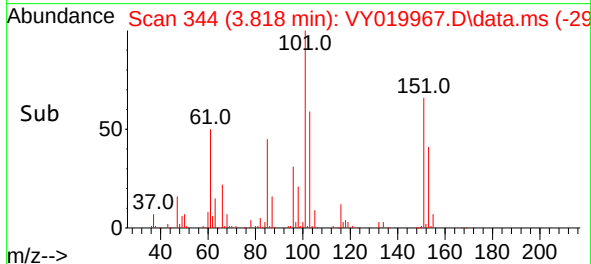
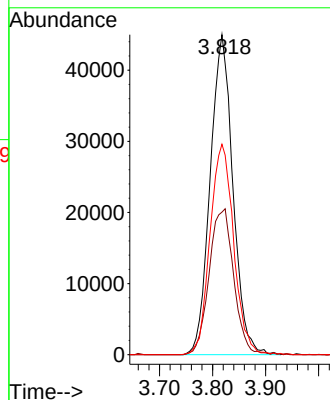
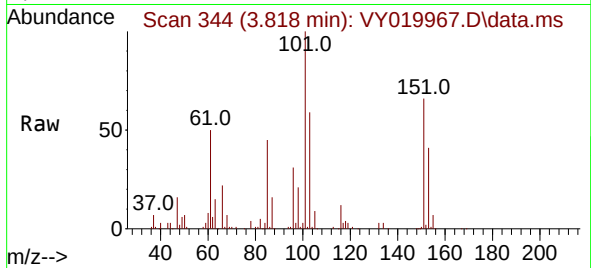




#9
1,1,2-Trichlorotrifluoroethane
Concen: 55.307 ug/l
RT: 3.818 min Scan# 344
Delta R.T. 0.006 min
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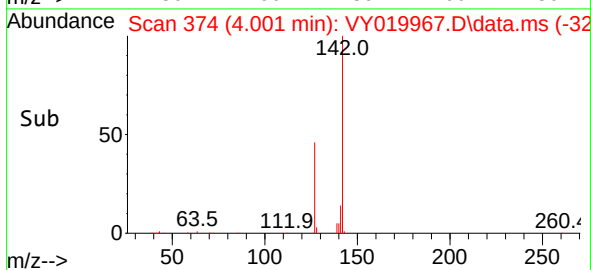
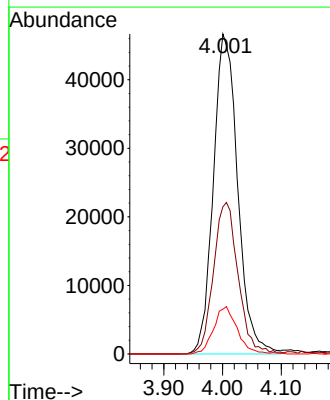
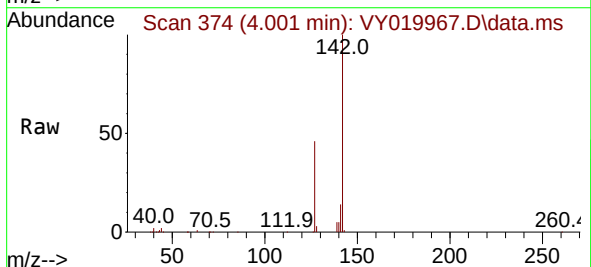
Instrument :
MSVOA_Y
ClientSampleId :

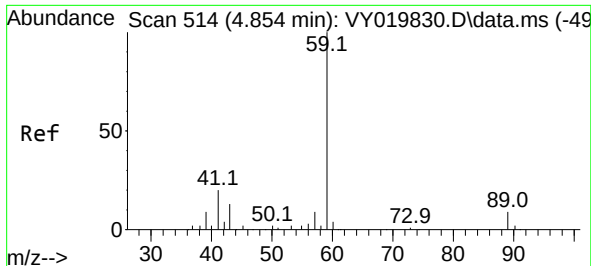
Tgt Ion:101 Resp: 133956
Ion Ratio Lower Upper
101 100
85 49.2 34.5 51.7
151 68.7 61.7 92.5



#10
Methyl Iodide
Concen: 54.867 ug/l
RT: 4.001 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY019967.D
Acq: 21 Oct 2024 16:54

Tgt Ion:142 Resp: 134402
Ion Ratio Lower Upper
142 100
127 47.9 32.8 49.2
141 14.3 11.4 17.2

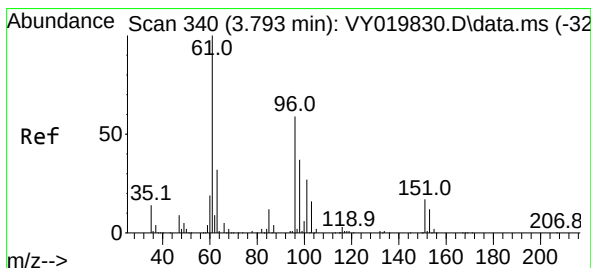
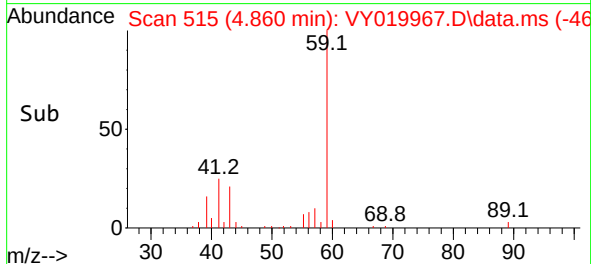
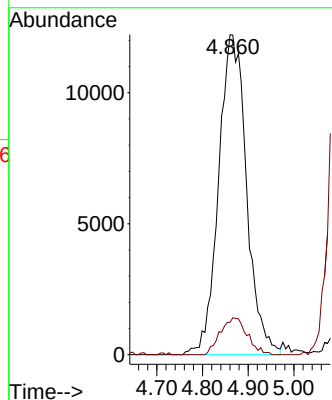
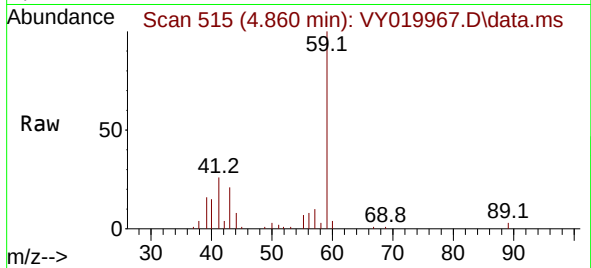




#11
Tert butyl alcohol
Concen: 247.844 ug/l
RT: 4.860 min Scan# 514
Delta R.T. 0.000 min
Lab File: VY019967.D
Acq: 21 Oct 2024 16:54

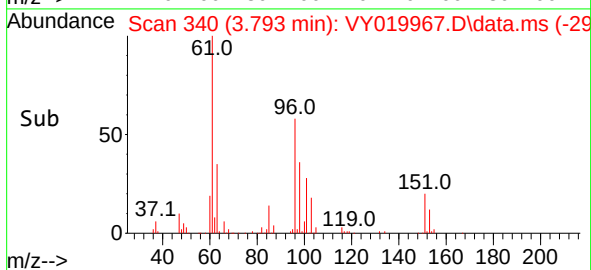
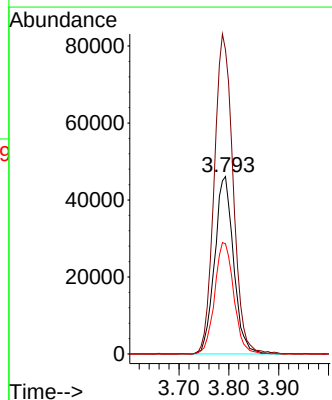
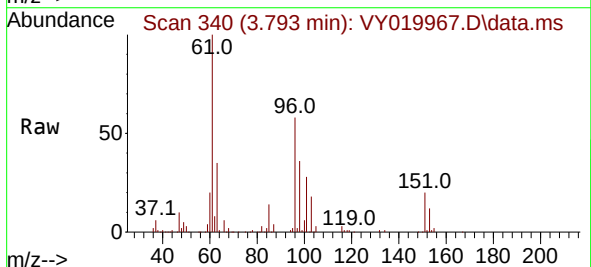
Instrument :
MSVOA_Y
ClientSampleId :

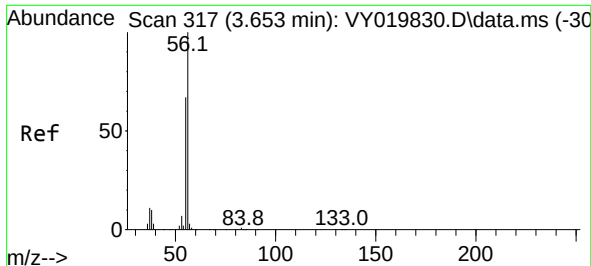
Tgt Ion: 59 Resp: 51923
Ion Ratio Lower Upper
59 100
57 11.1 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 54.021 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY019967.D
Acq: 21 Oct 2024 16:54

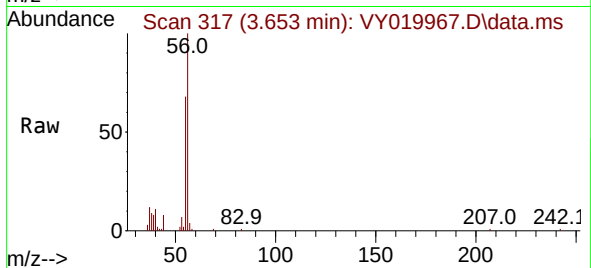
Tgt Ion: 96 Resp: 121637
Ion Ratio Lower Upper
96 100
61 171.2 114.6 171.8
98 62.1 50.8 76.2



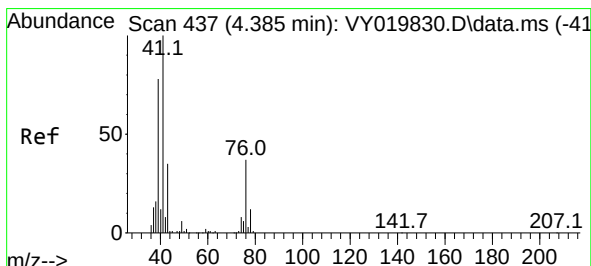
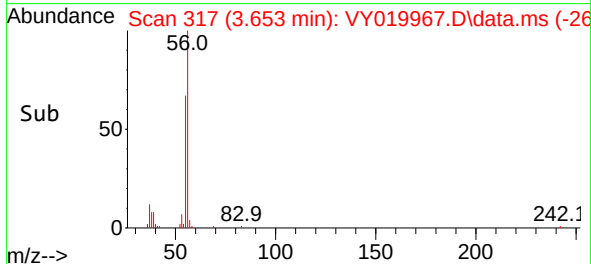
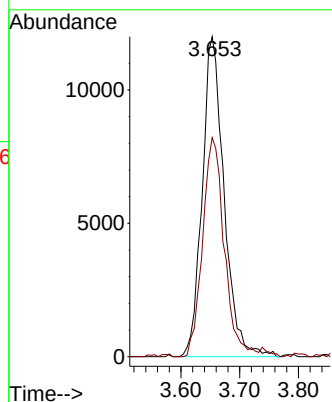


#13
Acrolein
Concen: 163.165 ug/l
RT: 3.653 min Scan# 317
Delta R.T. 0.000 min
Lab File: VY019967.D
Acq: 21 Oct 2024 16:54

Instrument :
MSVOA_Y
ClientSampleId :

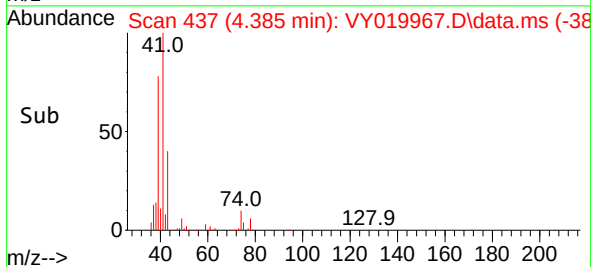
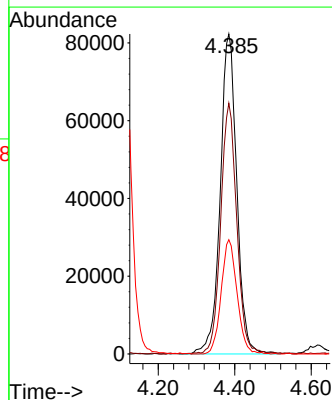
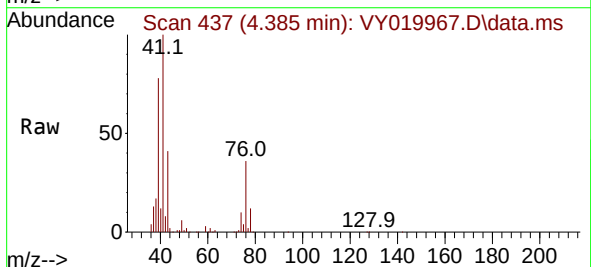


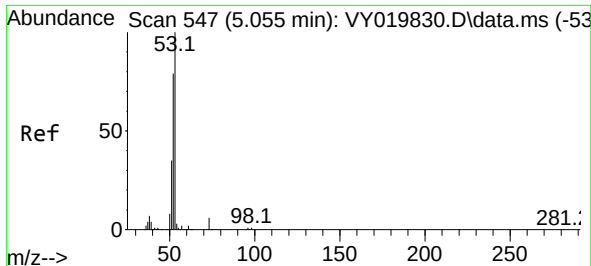
Tgt Ion: 56 Resp: 30984
Ion Ratio Lower Upper
56 100
55 67.6 55.7 83.5



#14
Allyl chloride
Concen: 60.872 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY019967.D
Acq: 21 Oct 2024 16:54

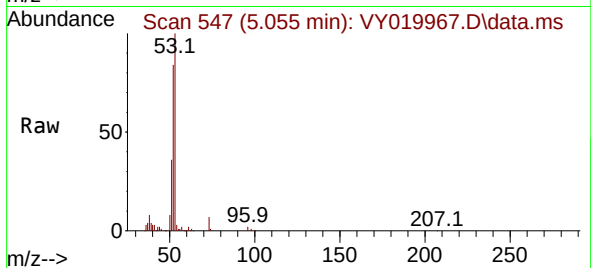
Tgt Ion: 41 Resp: 247300
Ion Ratio Lower Upper
41 100
39 76.0 58.3 87.5
76 34.3 39.0 58.6#



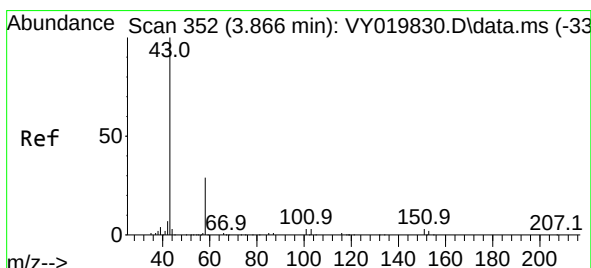
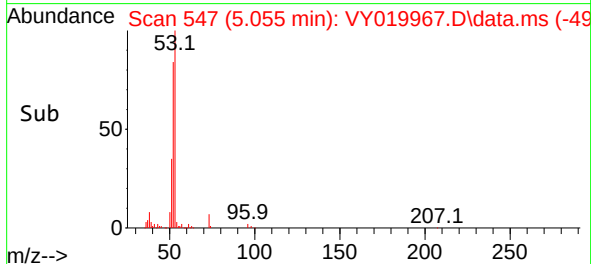
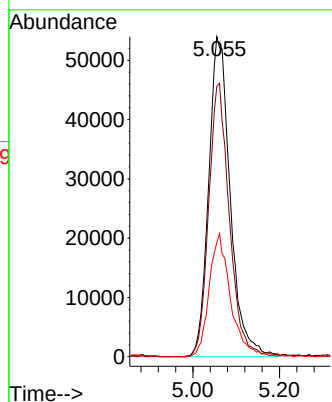


#15
Acrylonitrile
Concen: 321.972 ug/l
RT: 5.055 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY019967.D
Acq: 21 Oct 2024 16:54

Instrument :
MSVOA_Y
ClientSampleId :

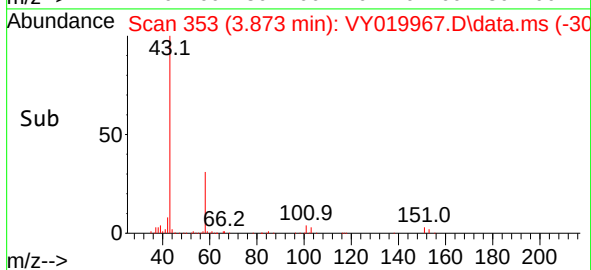
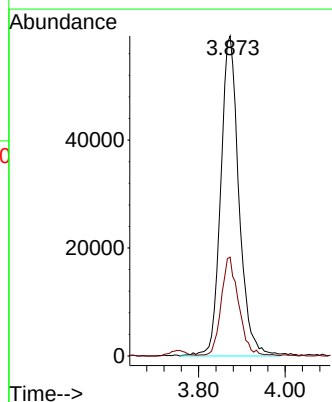
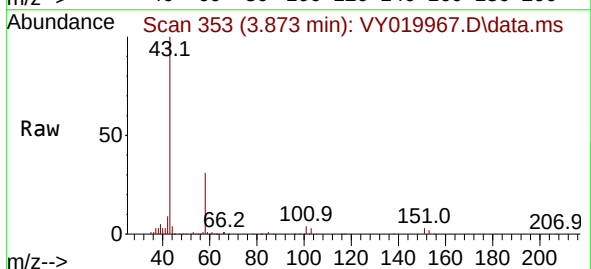


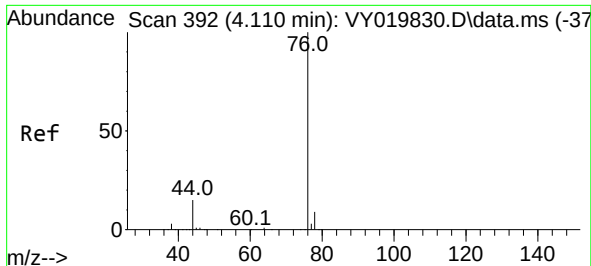
Tgt Ion: 53 Resp: 186370
Ion Ratio Lower Upper
53 100
52 82.5 64.7 97.1
51 38.1 28.4 42.6



#16
Acetone
Concen: 257.810 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY019967.D
Acq: 21 Oct 2024 16:54

Tgt Ion: 43 Resp: 173438
Ion Ratio Lower Upper
43 100
58 30.7 31.7 47.5#





#17

Carbon Disulfide

Concen: 47.040 ug/l

RT: 4.104 min Scan# 391

Delta R.T. 0.000 min

Lab File: VY019967.D

Acq: 21 Oct 2024 16:54

Instrument :

MSVOA_Y

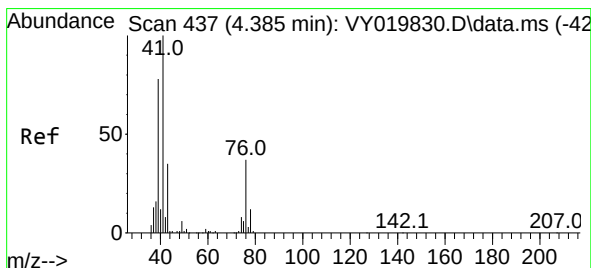
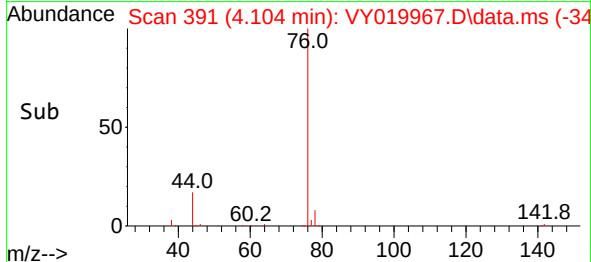
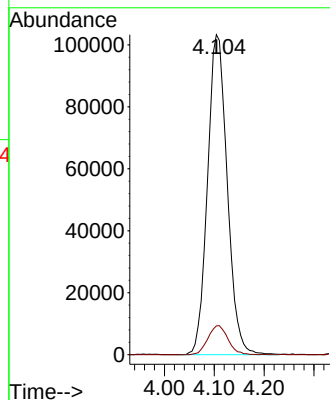
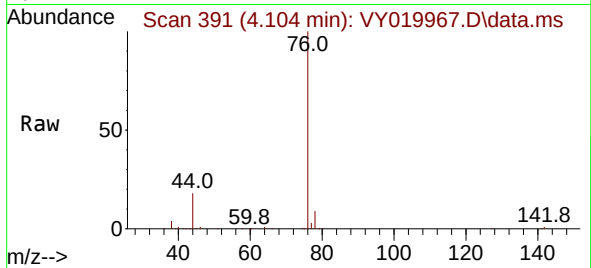
ClientSampleId :

Tgt Ion: 76 Resp: 283897

Ion Ratio Lower Upper

76 100

78 9.0 6.8 10.2



#18

Methyl Acetate

Concen: 69.026 ug/l

RT: 4.385 min Scan# 437

Delta R.T. 0.000 min

Lab File: VY019967.D

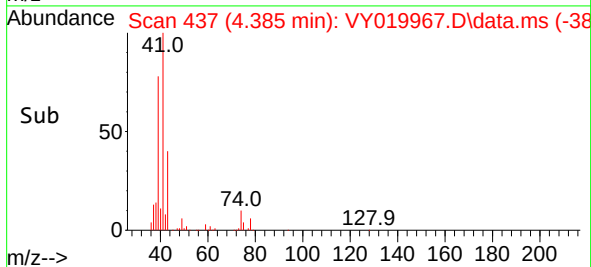
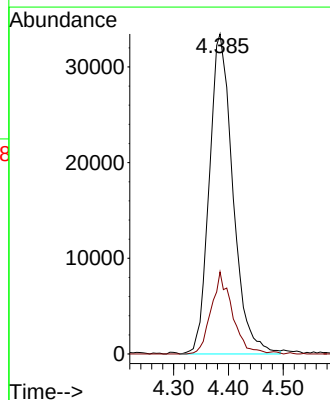
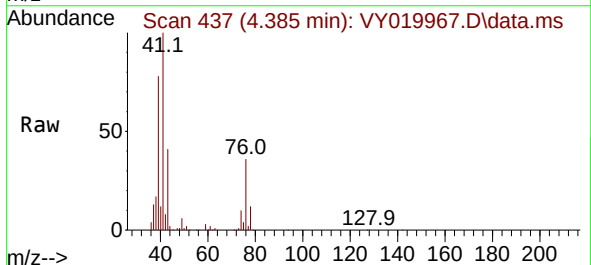
Acq: 21 Oct 2024 16:54

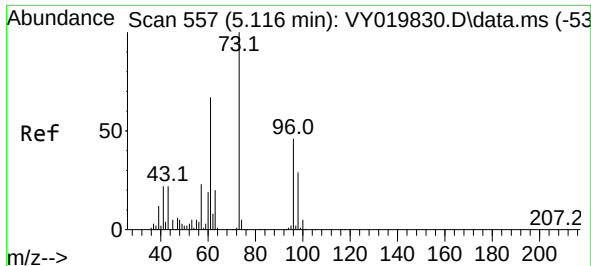
Tgt Ion: 43 Resp: 100031

Ion Ratio Lower Upper

43 100

74 22.8 23.3 34.9#

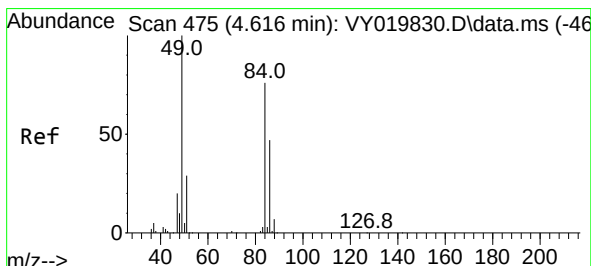
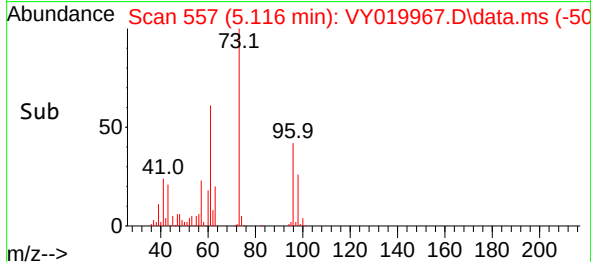
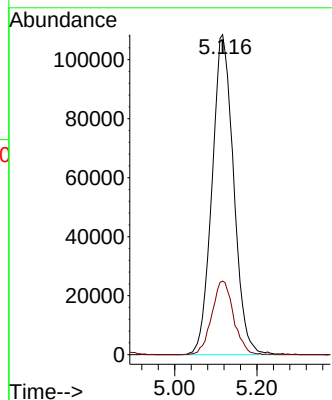
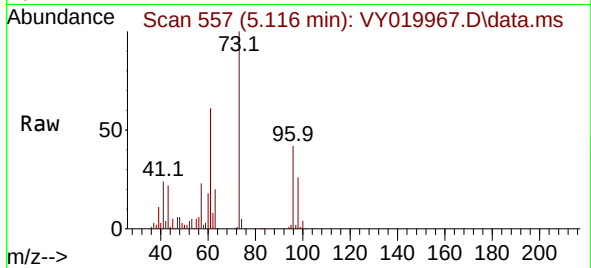




#19
Methyl tert-butyl Ether
Concen: 61.214 ug/l
RT: 5.116 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY019967.D
Acq: 21 Oct 2024 16:54

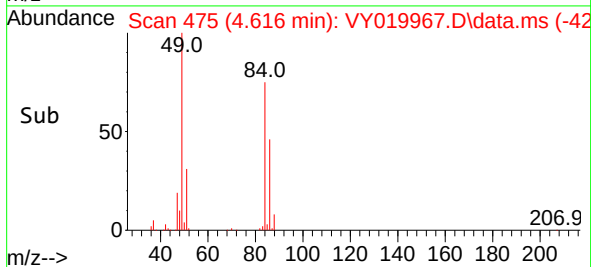
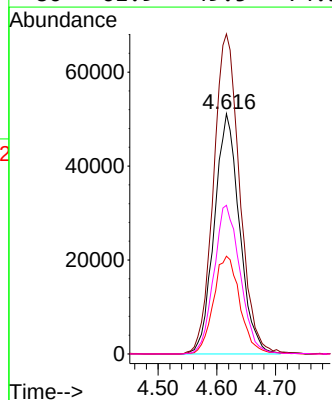
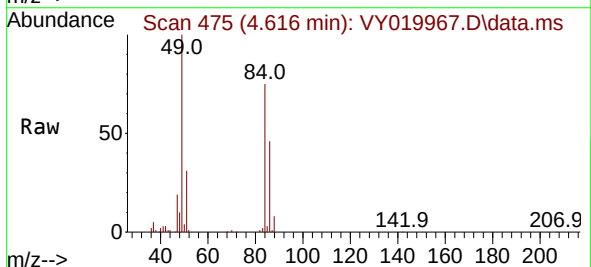
Instrument :
MSVOA_Y
ClientSampleId :

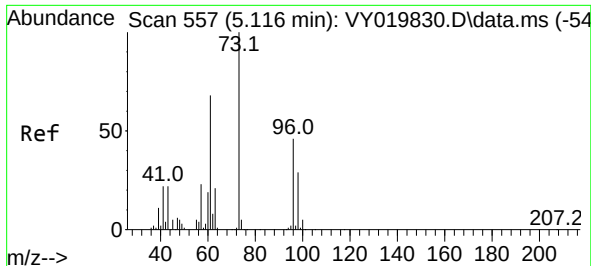
Tgt Ion: 73 Resp: 395980
Ion Ratio Lower Upper
73 100
57 23.0 17.3 25.9



#20
Methylene Chloride
Concen: 61.429 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY019967.D
Acq: 21 Oct 2024 16:54

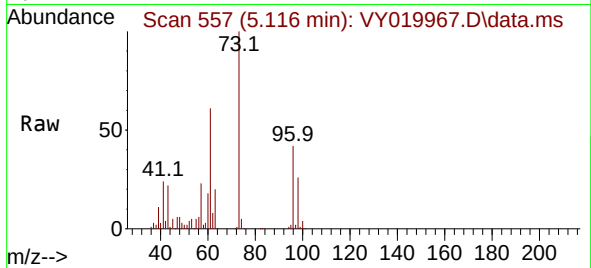
Tgt Ion: 84 Resp: 152237
Ion Ratio Lower Upper
84 100
49 133.2 84.4 126.6#
51 40.7 26.0 39.0#
86 61.9 49.5 74.3



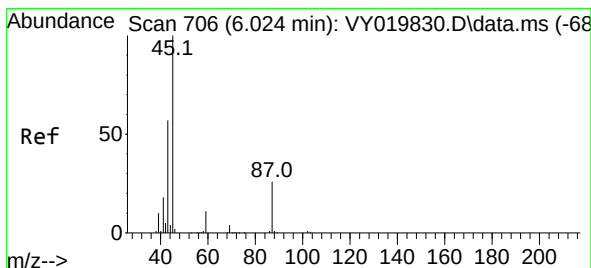
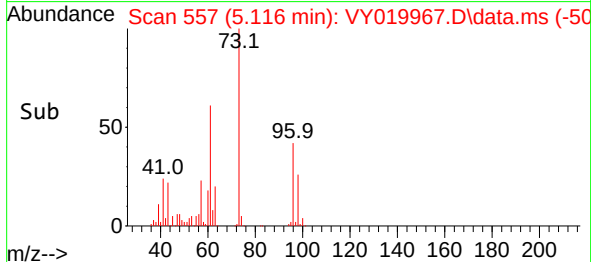
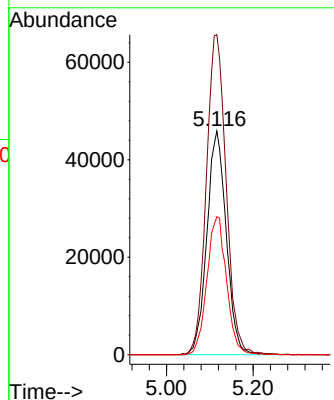


#21
trans-1,2-Dichloroethene
Concen: 58.270 ug/l
RT: 5.116 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY019967.D
Acq: 21 Oct 2024 16:54

Instrument :
MSVOA_Y
ClientSampleId :

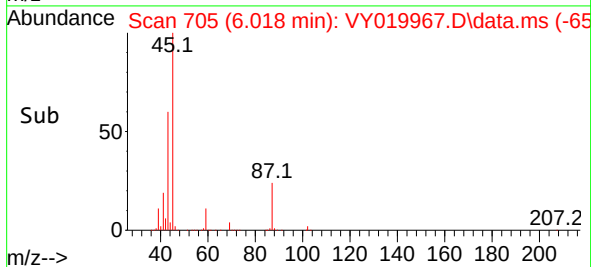
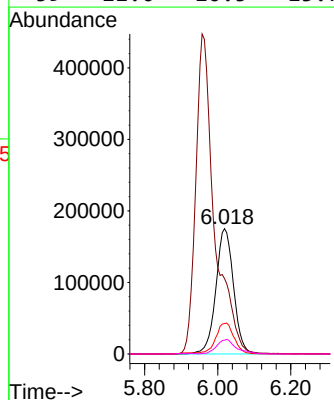
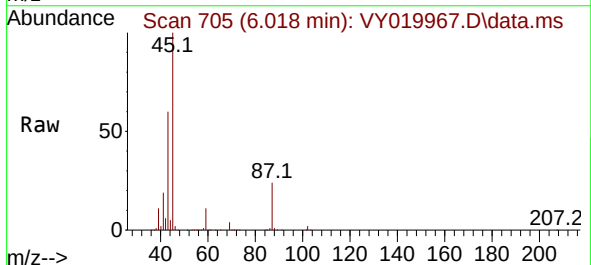


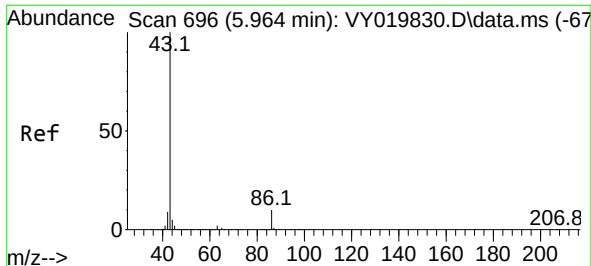
Tgt Ion: 96 Resp: 142799
Ion Ratio Lower Upper
96 100
61 143.0 97.5 146.3
98 61.7 50.5 75.7



#22
Diisopropyl ether
Concen: 66.685 ug/l
RT: 6.018 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY019967.D
Acq: 21 Oct 2024 16:54

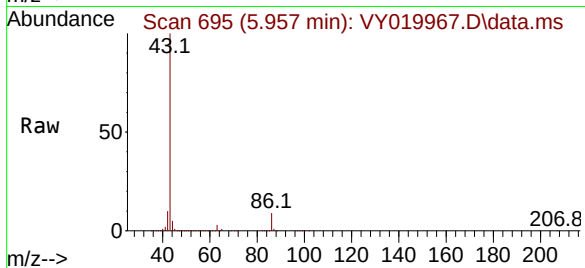
Tgt Ion: 45 Resp: 590113
Ion Ratio Lower Upper
45 100
43 60.0 42.2 63.2
87 24.2 25.0 37.6#
59 11.0 10.5 15.7



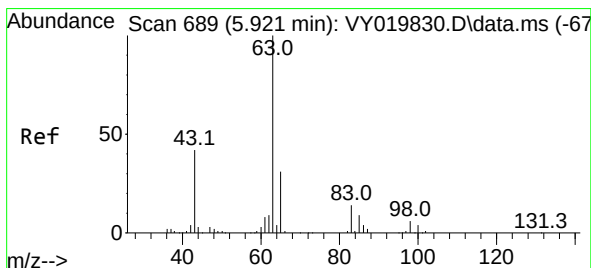
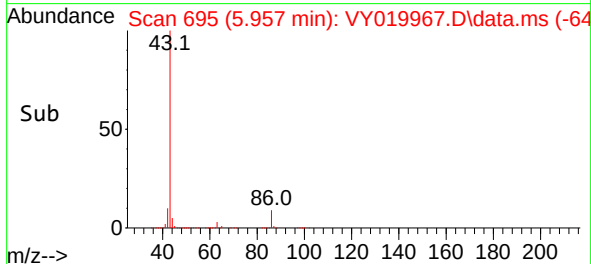
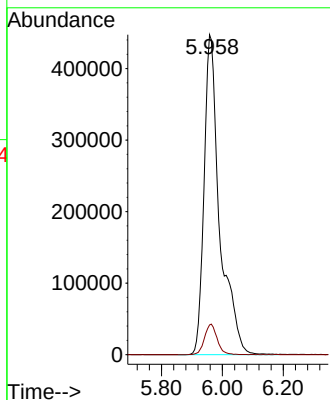


#23
 Vinyl Acetate
 Concen: 313.846 ug/l
 RT: 5.957 min Scan# 696
 Delta R.T. 0.000 min
 Lab File: VY019967.D
 Acq: 21 Oct 2024 16:54

Instrument :
 MSVOA_Y
 ClientSampleId :

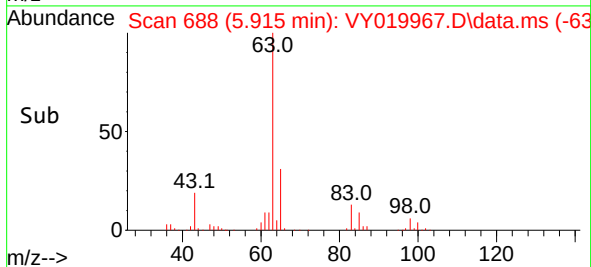
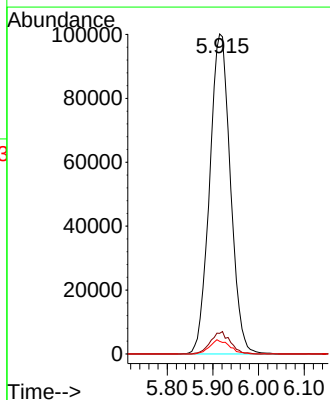
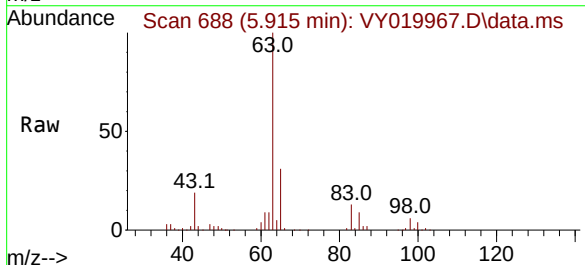


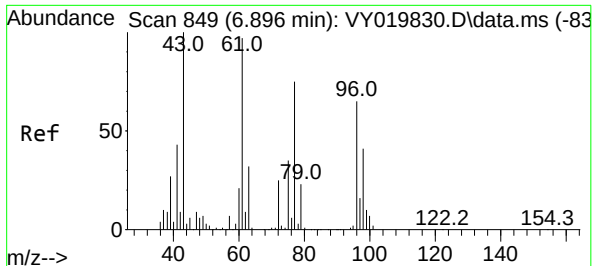
Tgt Ion: 43 Resp: 1592168
 Ion Ratio Lower Upper
 43 100
 86 9.3 10.6 16.0#



#24
 1,1-Dichloroethane
 Concen: 64.328 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY019967.D
 Acq: 21 Oct 2024 16:54

Tgt Ion: 63 Resp: 316434
 Ion Ratio Lower Upper
 63 100
 98 6.5 4.0 12.2
 100 3.9 2.6 8.0





#25

2-Butanone

Concen: 290.870 ug/l

RT: 6.896 min Scan# 849

Delta R.T. 0.006 min

Lab File: VY019967.D

Acq: 21 Oct 2024 16:54

Instrument :

MSVOA_Y

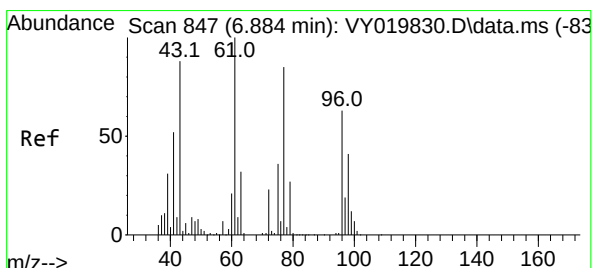
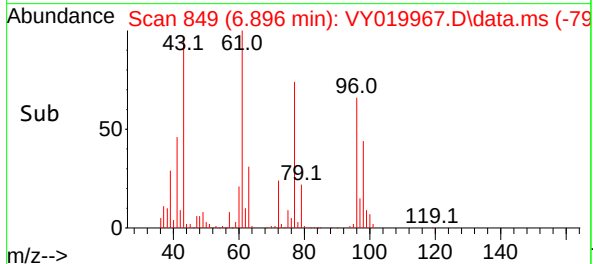
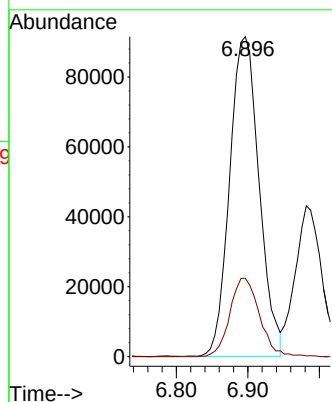
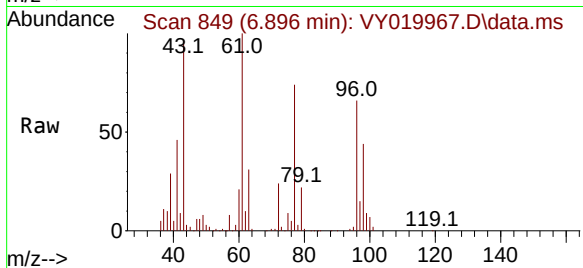
ClientSampleId :

Tgt Ion: 43 Resp: 261922

Ion Ratio Lower Upper

43 100

72 24.5 27.3 40.9#



#26

2,2-Dichloropropane

Concen: 54.872 ug/l

RT: 6.884 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY019967.D

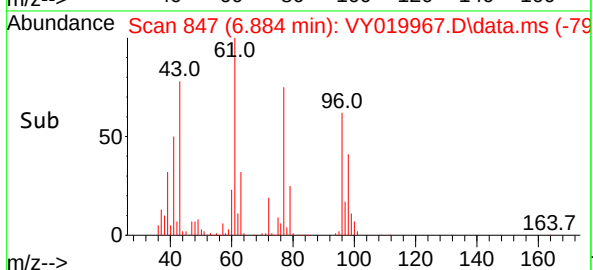
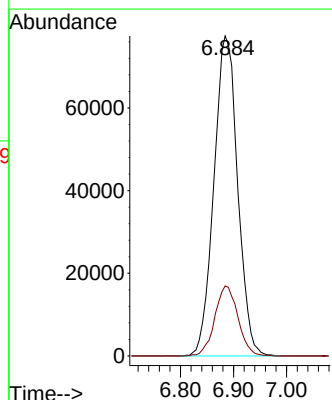
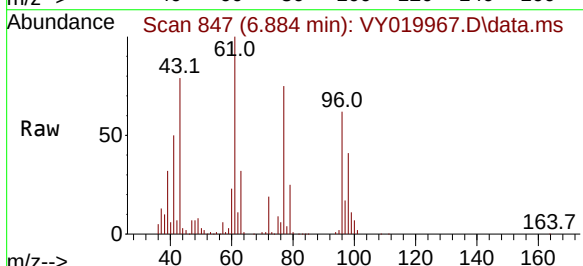
Acq: 21 Oct 2024 16:54

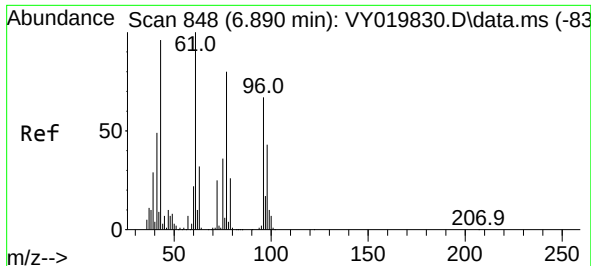
Tgt Ion: 77 Resp: 240382

Ion Ratio Lower Upper

77 100

97 21.4 12.0 36.1

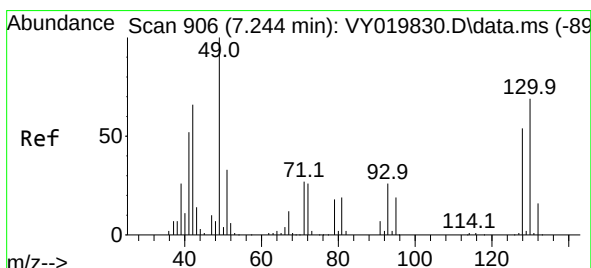
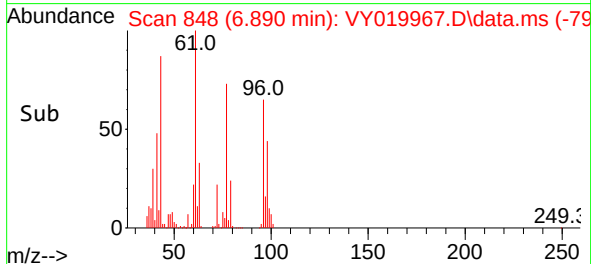
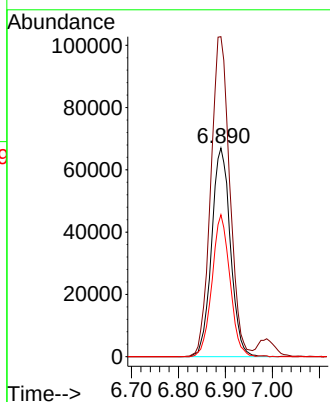
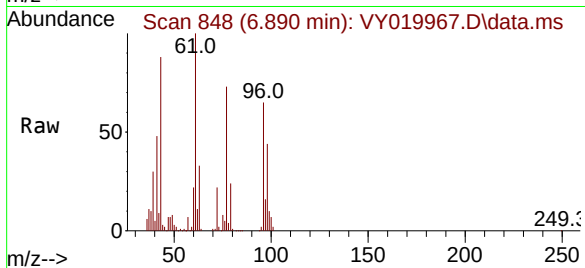




#27
 cis-1,2-Dichloroethene
 Concen: 61.415 ug/l
 RT: 6.890 min Scan# 848
 Delta R.T. 0.000 min
 Lab File: VY019967.D
 Acq: 21 Oct 2024 16:54

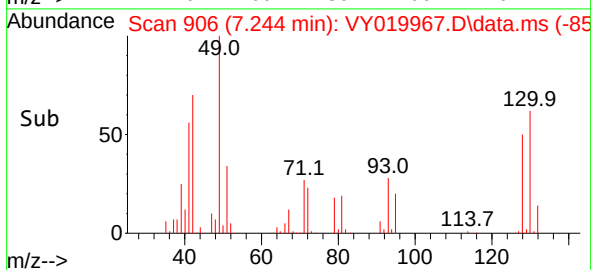
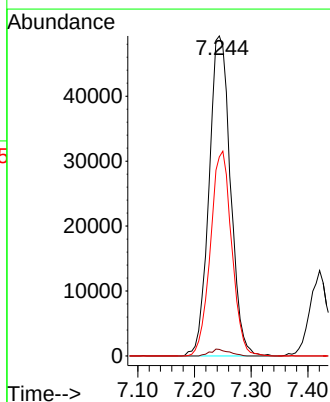
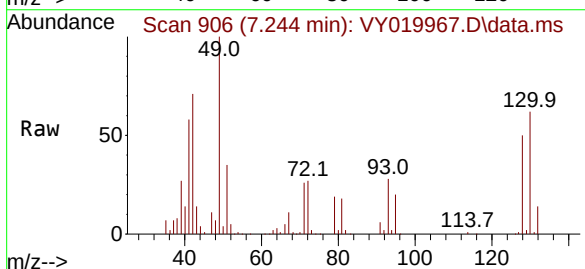
Instrument :
 MSVOA_Y
 ClientSampleId :

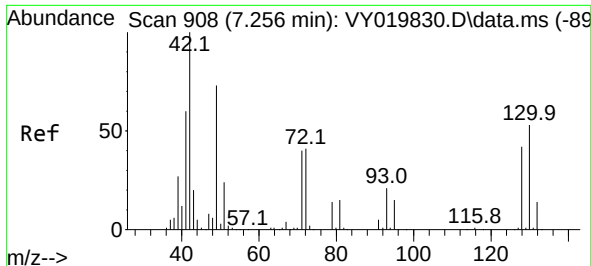
Tgt Ion: 96 Resp: 185994
 Ion Ratio Lower Upper
 96 100
 61 155.5 0.0 256.2
 98 64.8 0.0 130.0



#28
 Bromochloromethane
 Concen: 59.713 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. 0.000 min
 Lab File: VY019967.D
 Acq: 21 Oct 2024 16:54

Tgt Ion: 49 Resp: 129286
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 4.6
 130 63.5 72.7 109.1#





#29

Tetrahydrofuran

Concen: 316.995 ug/l

RT: 7.262 min Scan# 908

Delta R.T. 0.000 min

Lab File: VY019967.D

Acq: 21 Oct 2024 16:54

Instrument :

MSVOA_Y

ClientSampleId :

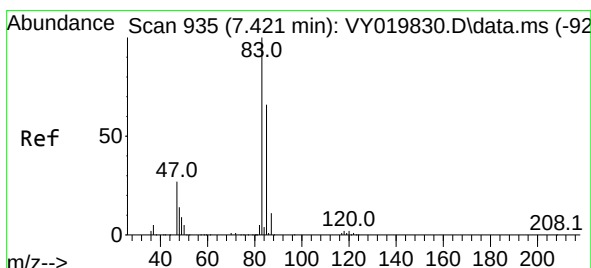
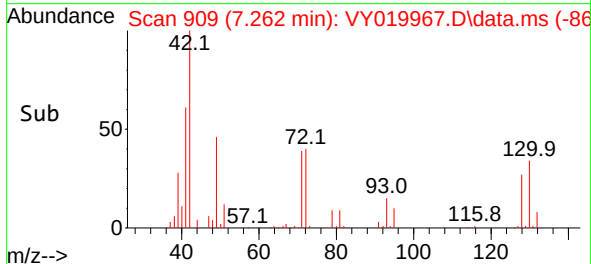
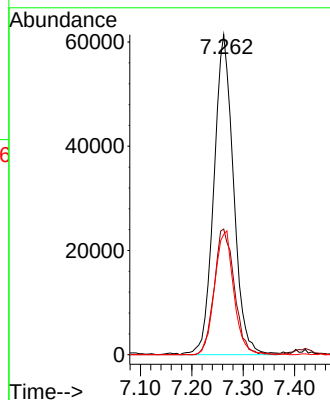
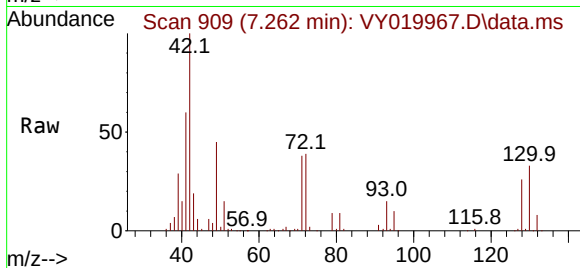
Tgt Ion: 42 Resp: 162984

Ion Ratio Lower Upper

42 100

72 40.4 43.0 64.4#

71 37.8 40.8 61.2#



#30

Chloroform

Concen: 65.329 ug/l

RT: 7.421 min Scan# 935

Delta R.T. 0.000 min

Lab File: VY019967.D

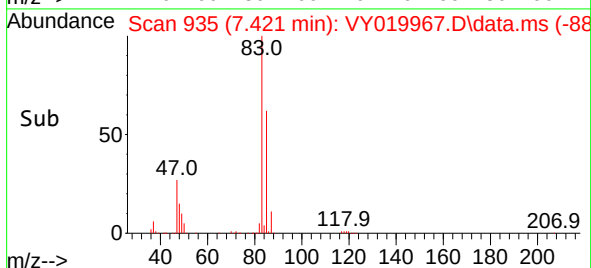
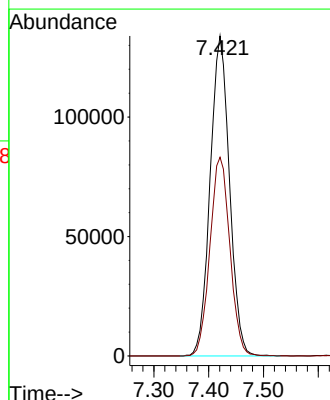
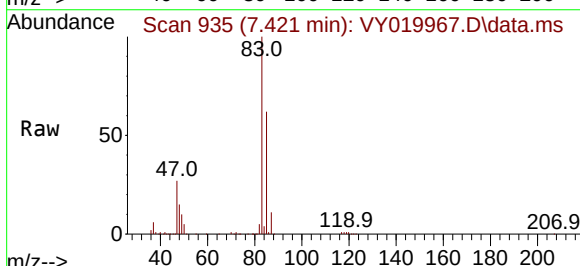
Acq: 21 Oct 2024 16:54

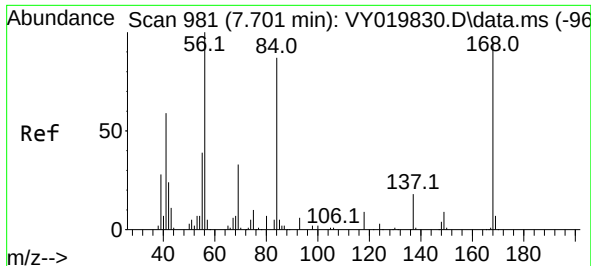
Tgt Ion: 83 Resp: 327589

Ion Ratio Lower Upper

83 100

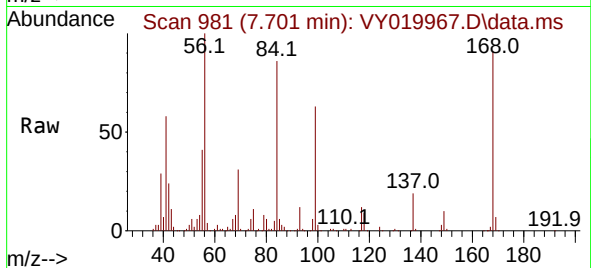
85 62.1 52.2 78.4



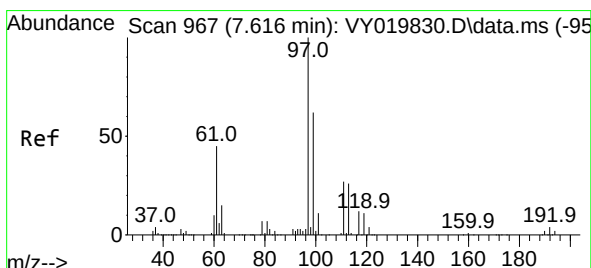
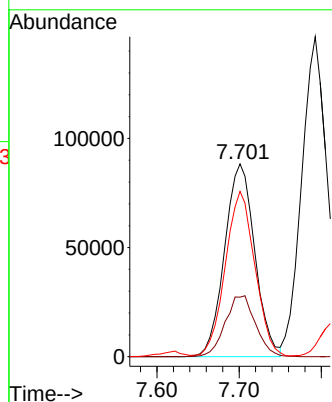
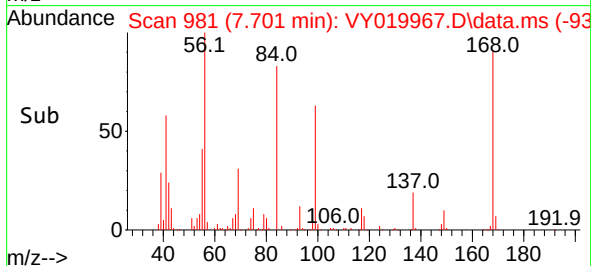


#31
Cyclohexane
Concen: 52.311 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY019967.D
Acq: 21 Oct 2024 16:54

Instrument :
MSVOA_Y
ClientSampleId :

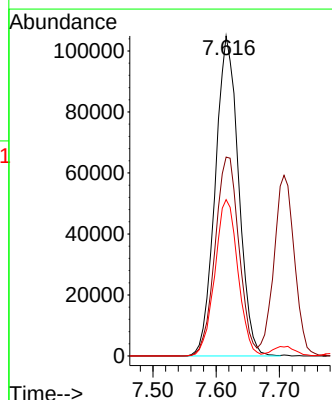
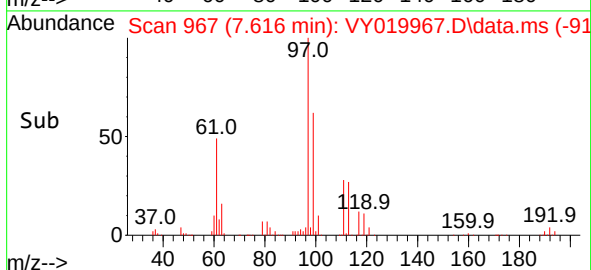
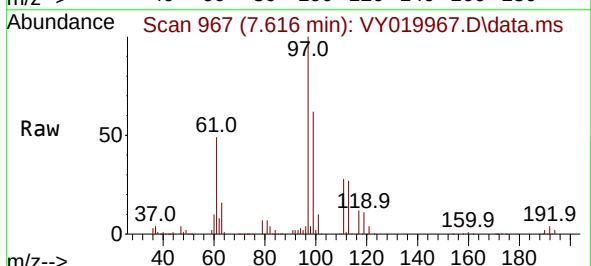


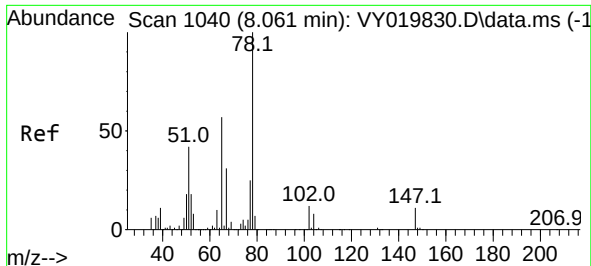
Tgt Ion: 56 Resp: 225885
Ion Ratio Lower Upper
56 100
69 30.8 28.7 43.1
84 84.0 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 60.936 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY019967.D
Acq: 21 Oct 2024 16:54

Tgt Ion: 97 Resp: 267783
Ion Ratio Lower Upper
97 100
99 63.8 50.3 75.5
61 48.4 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 56.958 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY019967.D

Acq: 21 Oct 2024 16:54

Instrument :

MSVOA_Y

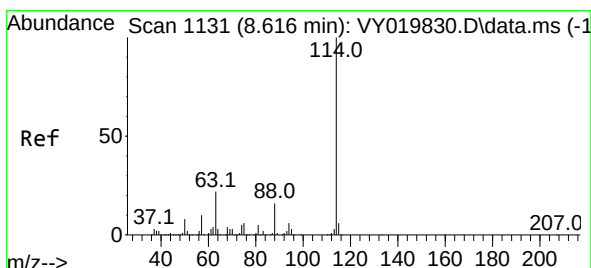
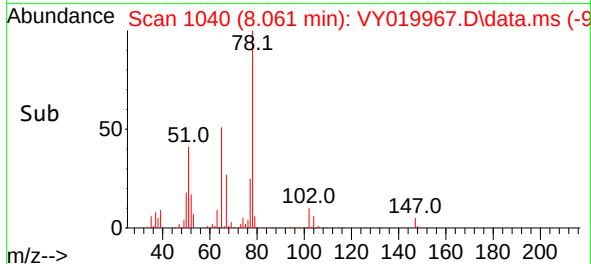
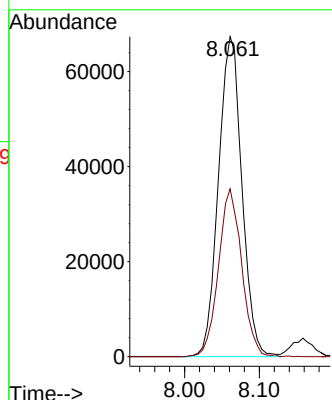
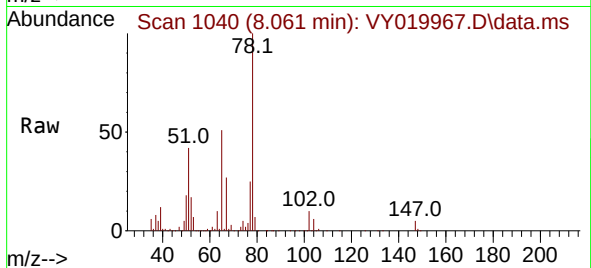
ClientSampleId :

Tgt Ion: 65 Resp: 147198

Ion Ratio Lower Upper

65 100

67 51.9 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: VY019967.D

Acq: 21 Oct 2024 16:54

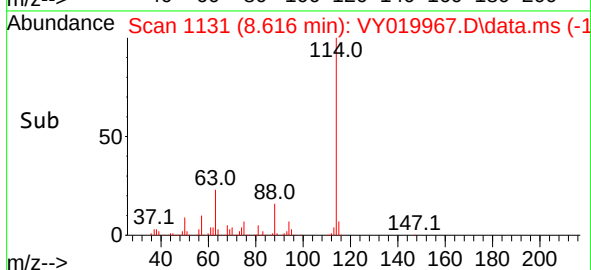
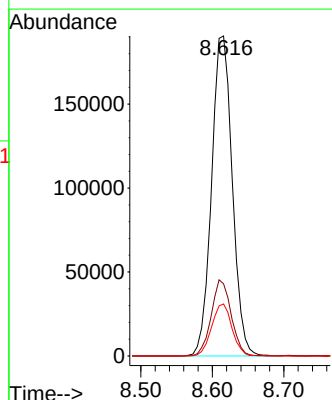
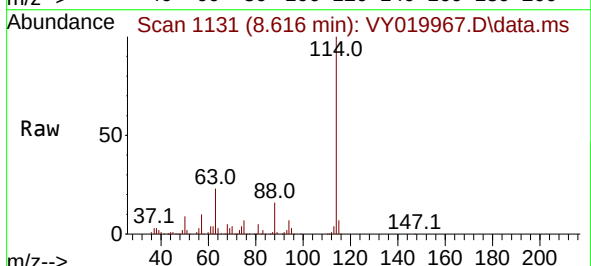
Tgt Ion: 114 Resp: 383722

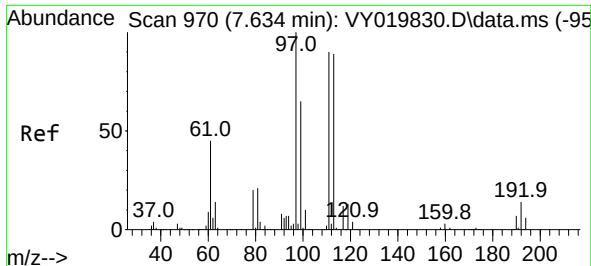
Ion Ratio Lower Upper

114 100

63 22.5 0.0 35.0

88 16.3 0.0 27.2

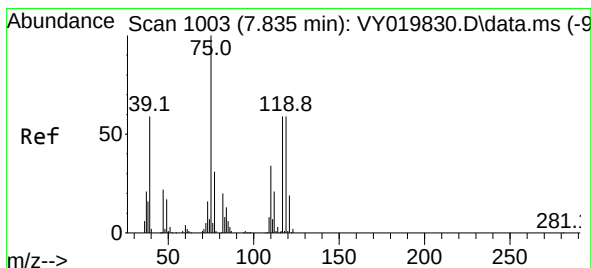
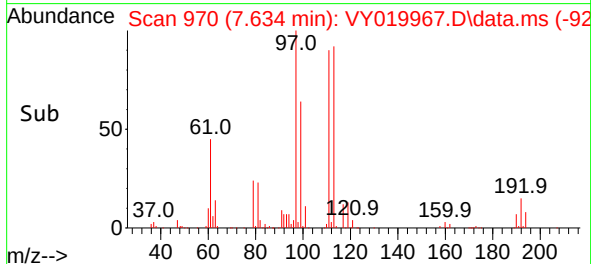
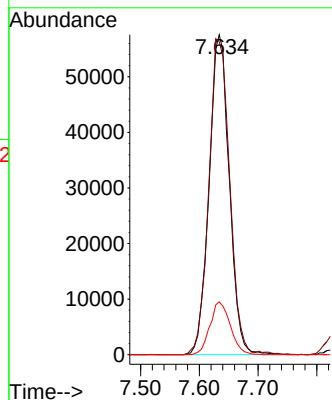
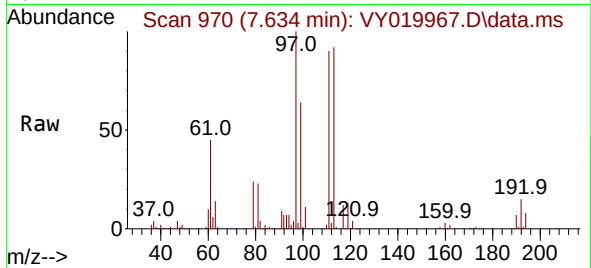




#35
Dibromofluoromethane
Concen: 54.243 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019967.D
Acq: 21 Oct 2024 16:54

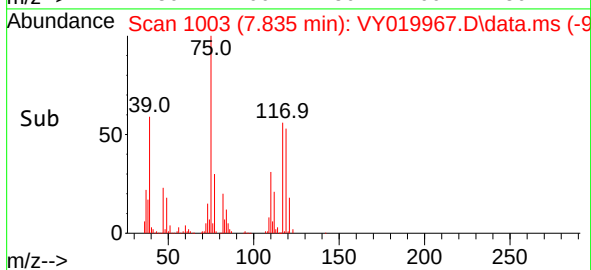
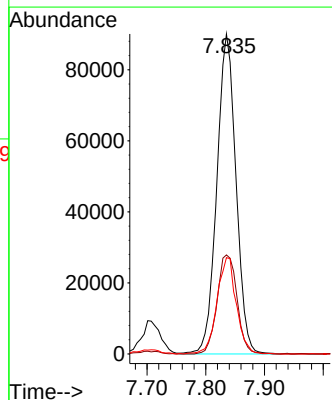
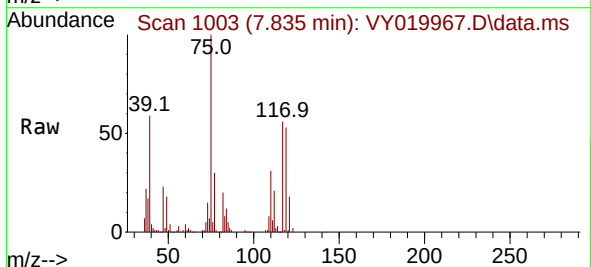
Instrument :
MSVOA_Y
ClientSampleId :

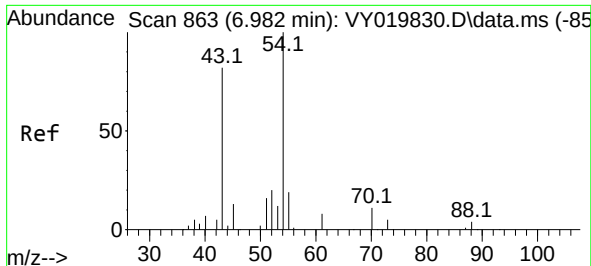
Tgt Ion:113 Resp: 137350
Ion Ratio Lower Upper
113 100
111 101.7 82.2 123.4
192 16.7 15.9 23.9



#36
1,1-Dichloropropene
Concen: 55.984 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY019967.D
Acq: 21 Oct 2024 16:54

Tgt Ion: 75 Resp: 204231
Ion Ratio Lower Upper
75 100
110 32.1 19.0 57.0
77 30.5 25.3 37.9

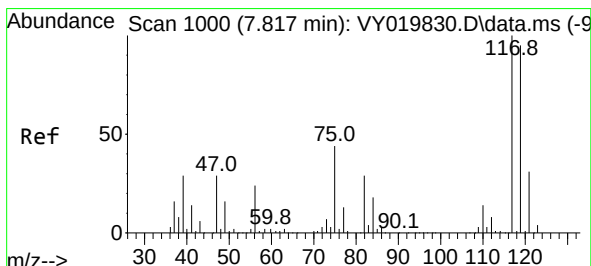
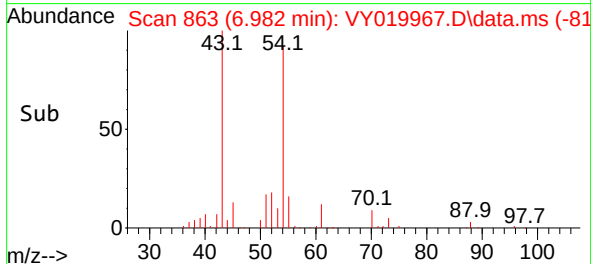
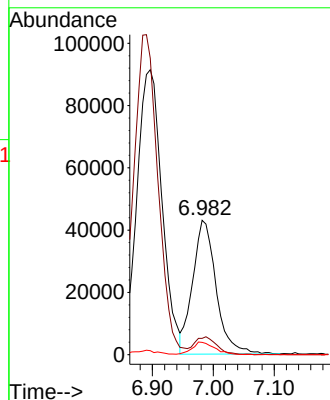
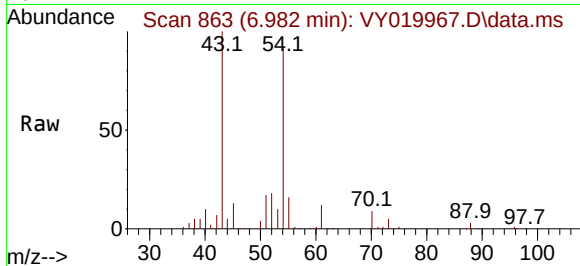




#37
Ethyl Acetate
Concen: 60.672 ug/l
RT: 6.982 min Scan# 863
Delta R.T. 0.000 min
Lab File: VY019967.D
Acq: 21 Oct 2024 16:54

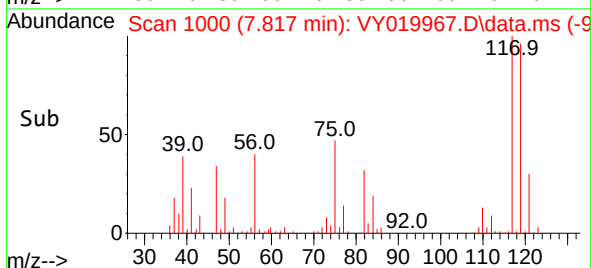
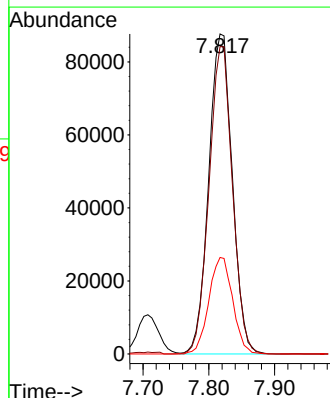
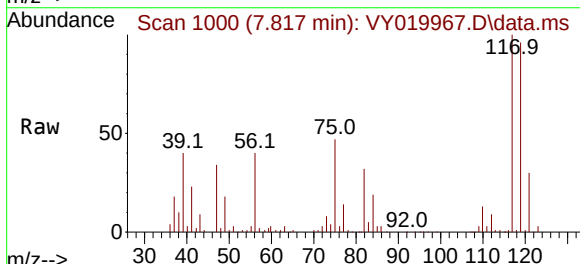
Instrument :
MSVOA_Y
ClientSampleId :

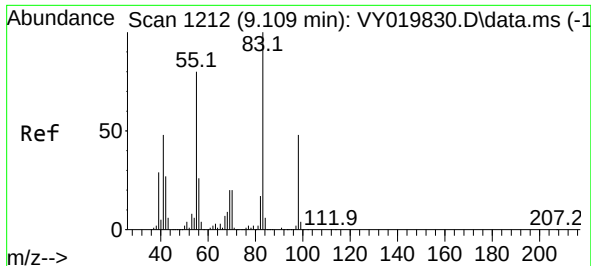
Tgt Ion: 43 Resp: 115412
Ion Ratio Lower Upper
43 100
61 12.7 12.6 19.0
70 9.0 7.8 11.8



#38
Carbon Tetrachloride
Concen: 55.958 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY019967.D
Acq: 21 Oct 2024 16:54

Tgt Ion: 117 Resp: 218837
Ion Ratio Lower Upper
117 100
119 96.1 75.8 113.6
121 30.2 24.0 36.0





#39

Methylcyclohexane

Concen: 51.429 ug/l

RT: 9.109 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019967.D

Acq: 21 Oct 2024 16:54

Instrument :

MSVOA_Y

ClientSampleId :

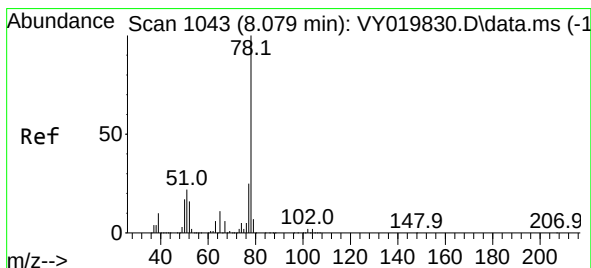
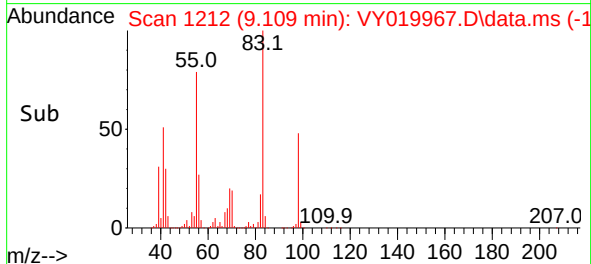
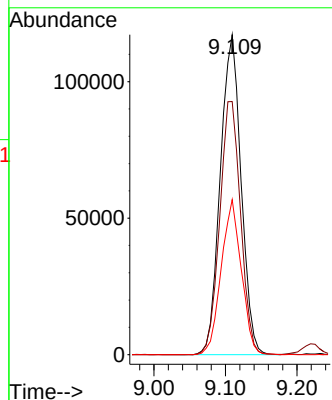
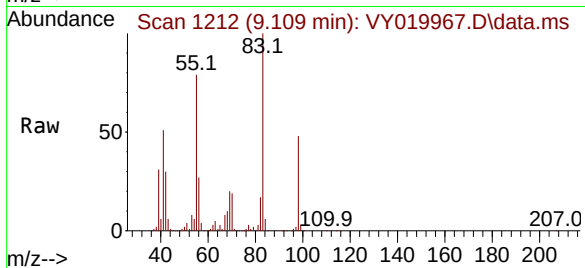
Tgt Ion: 83 Resp: 236393

Ion Ratio Lower Upper

83 100

55 79.1 51.5 77.3#

98 48.4 40.5 60.7



#40

Benzene

Concen: 59.178 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VY019967.D

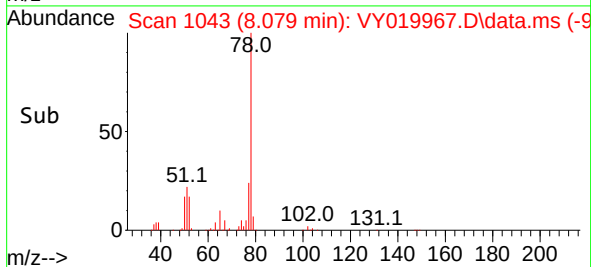
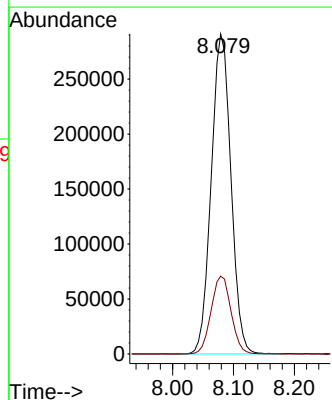
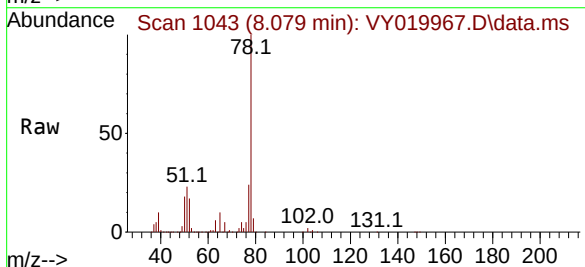
Acq: 21 Oct 2024 16:54

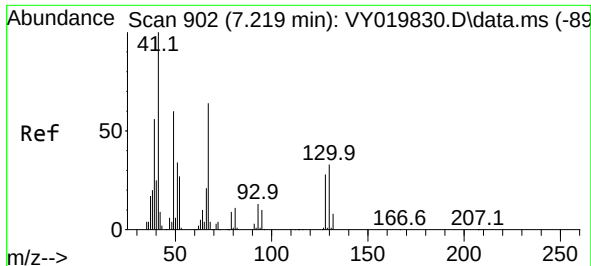
Tgt Ion: 78 Resp: 653347

Ion Ratio Lower Upper

78 100

77 24.3 19.5 29.3

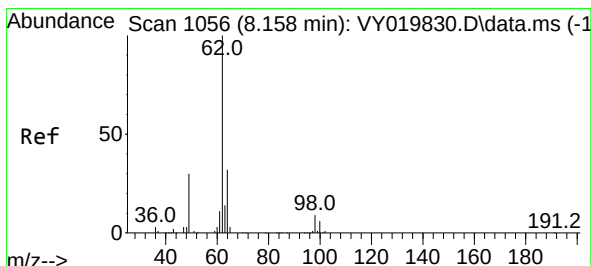
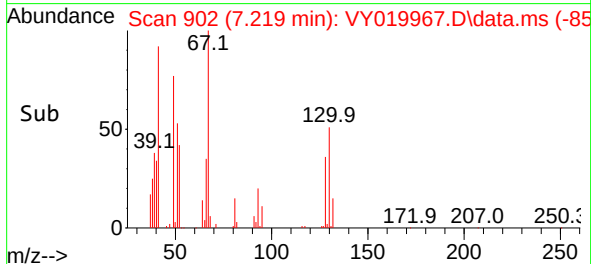
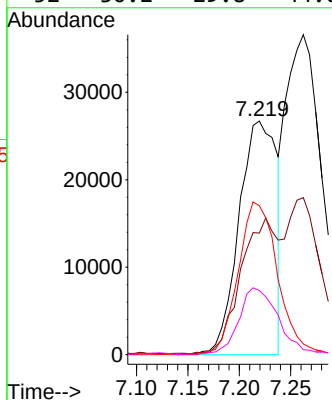
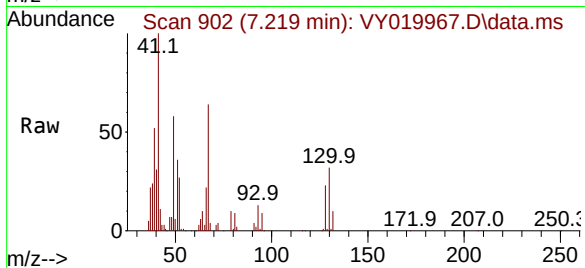




#41
Methacrylonitrile
Concen: 66.471 ug/l
RT: 7.219 min Scan# 902
Delta R.T. 0.000 min
Lab File: VY019967.D
Acq: 21 Oct 2024 16:54

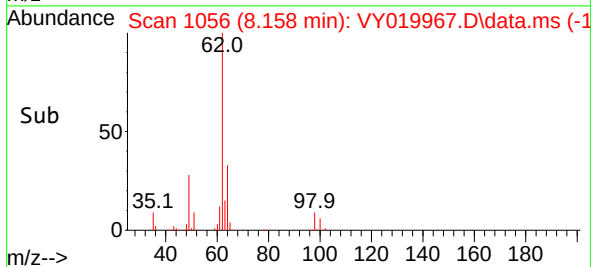
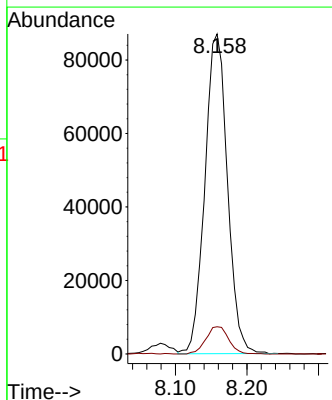
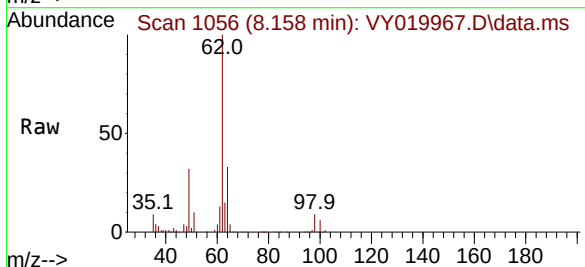
Instrument :
MSVOA_Y
ClientSampleId :

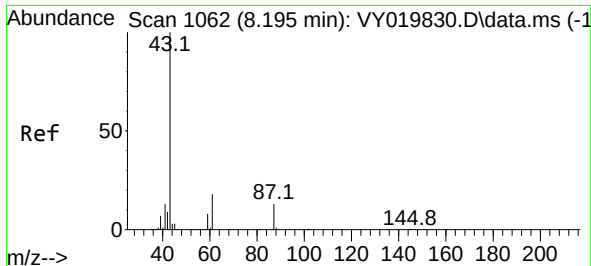
Tgt Ion:	41	Resp:	68434
Ion	Ratio	Lower	Upper
41	100		
39	56.1	48.0	72.0
67	68.5	75.1	112.7
52	30.2	29.8	44.6



#42
1,2-Dichloroethane
Concen: 60.069 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY019967.D
Acq: 21 Oct 2024 16:54

Tgt Ion:	62	Resp:	190525
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	22.0

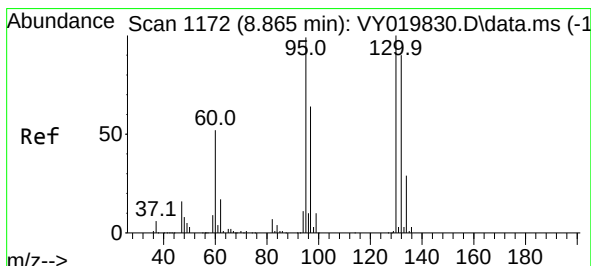
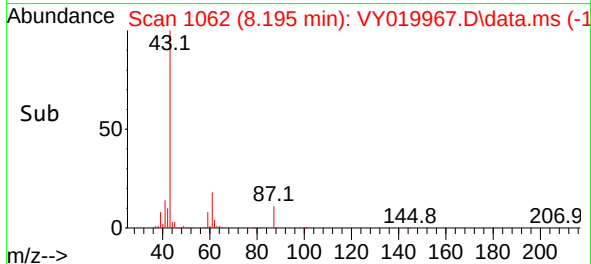
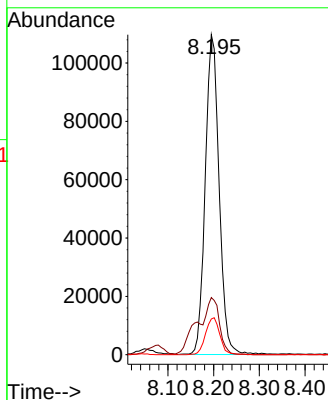
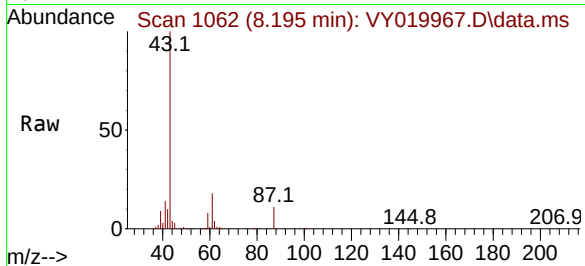




#43
Isopropyl Acetate
Concen: 59.516 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VY019967.D
Acq: 21 Oct 2024 16:54

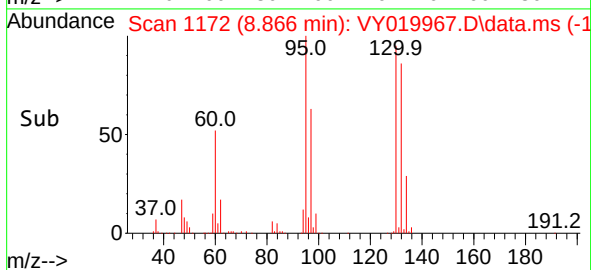
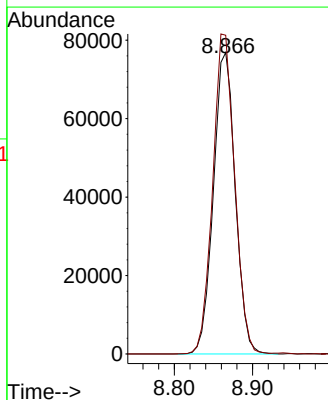
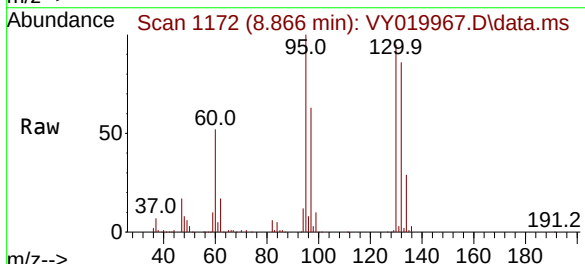
Instrument :
MSVOA_Y
ClientSampleId :

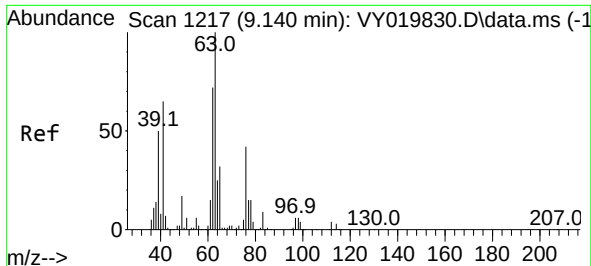
Tgt Ion: 43 Resp: 230884
Ion Ratio Lower Upper
43 100
61 17.0 27.9 41.9#
87 11.9 13.1 19.7#



#44
Trichloroethene
Concen: 55.856 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY019967.D
Acq: 21 Oct 2024 16:54

Tgt Ion:130 Resp: 149357
Ion Ratio Lower Upper
130 100
95 105.7 0.0 188.0





#45

1,2-Dichloropropane

Concen: 61.437 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY019967.D

Acq: 21 Oct 2024 16:54

Instrument :

MSVOA_Y

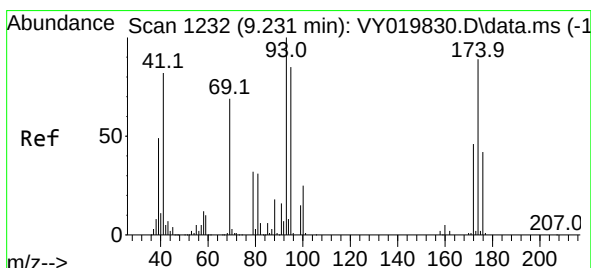
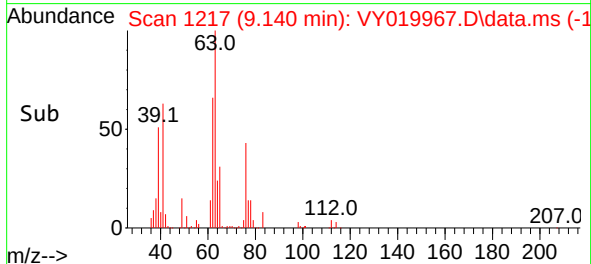
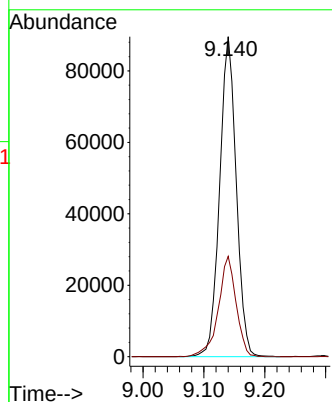
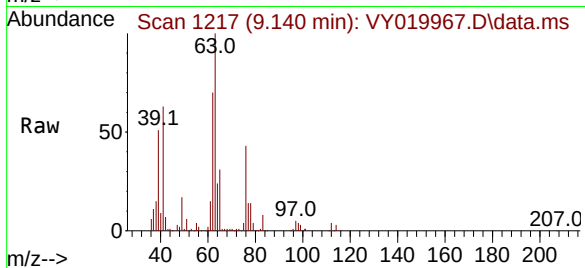
ClientSampleId :

Tgt Ion: 63 Resp: 169772

Ion Ratio Lower Upper

63 100

65 31.4 25.4 38.2



#46

Dibromomethane

Concen: 59.656 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. -0.006 min

Lab File: VY019967.D

Acq: 21 Oct 2024 16:54

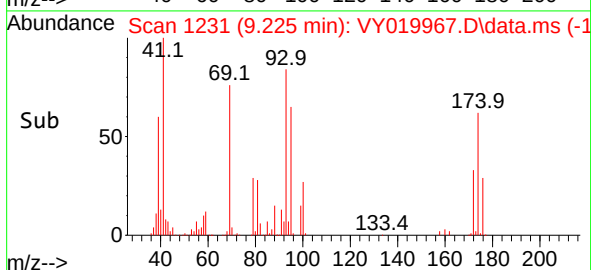
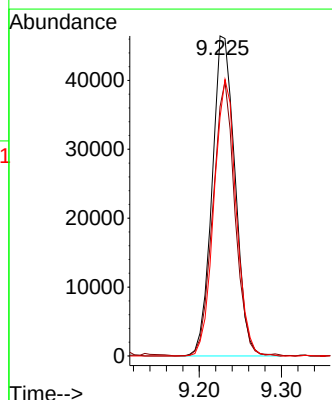
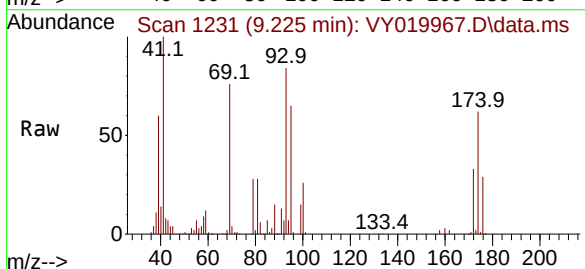
Tgt Ion: 93 Resp: 90067

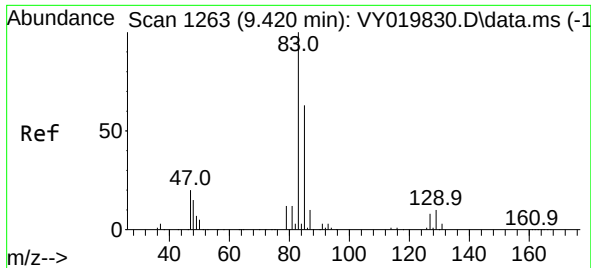
Ion Ratio Lower Upper

93 100

95 82.7 66.2 99.4

174 83.6 80.9 121.3

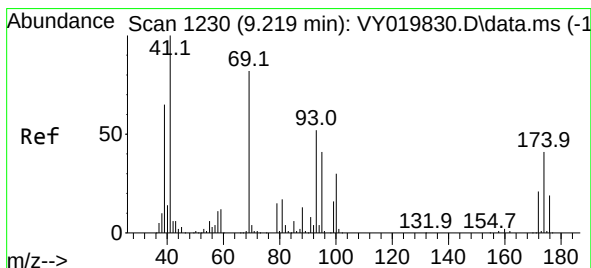
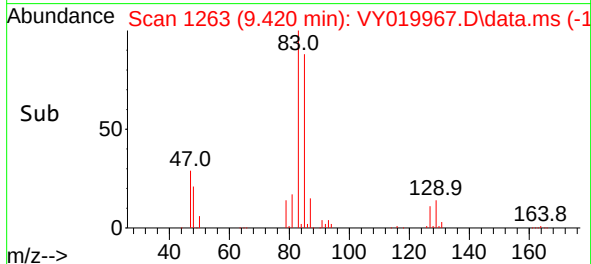
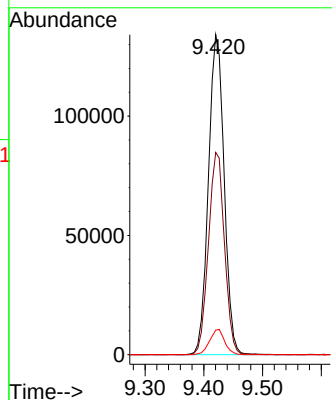
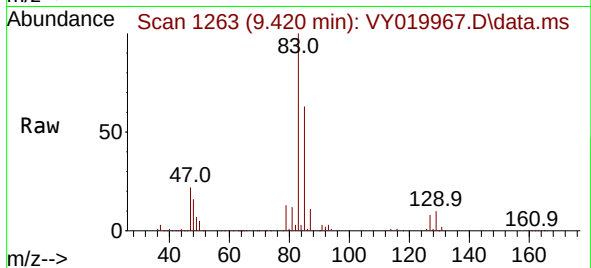




#47
Bromodichloromethane
Concen: 62.136 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. -0.006 min
Lab File: VY019967.D
Acq: 21 Oct 2024 16:54

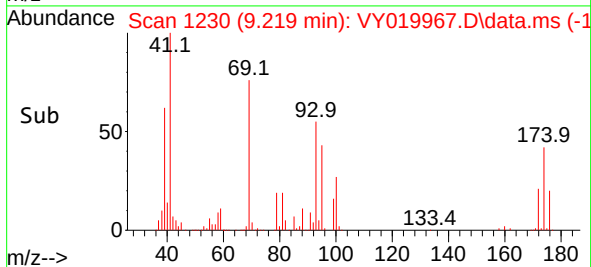
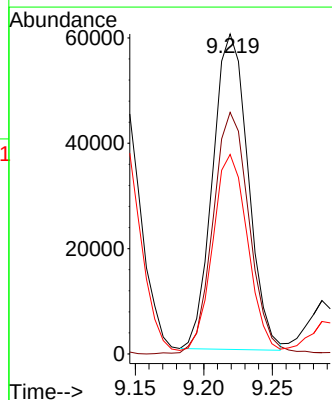
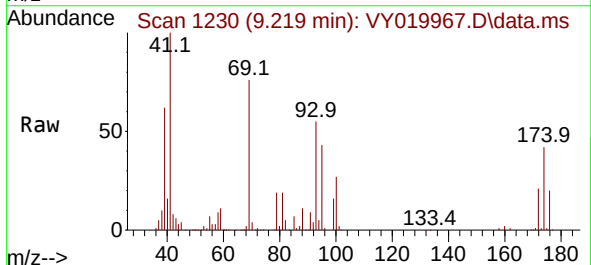
Instrument :
MSVOA_Y
ClientSampleId :

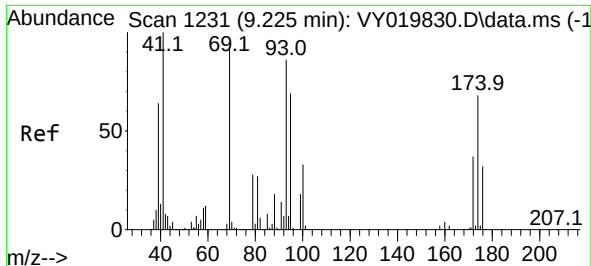
Tgt Ion: 83 Resp: 249005
Ion Ratio Lower Upper
83 100
85 63.2 50.1 75.1
127 7.6 7.4 11.0



#48
Methyl methacrylate
Concen: 63.209 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY019967.D
Acq: 21 Oct 2024 16:54

Tgt Ion: 41 Resp: 107863
Ion Ratio Lower Upper
41 100
69 79.0 84.1 126.1#
39 62.3 43.6 65.4





#49

1,4-Dioxane

Concen: 1148.195 ug/l

RT: 9.231 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019967.D

Acq: 21 Oct 2024 16:54

Instrument :

MSVOA_Y

ClientSampleId :

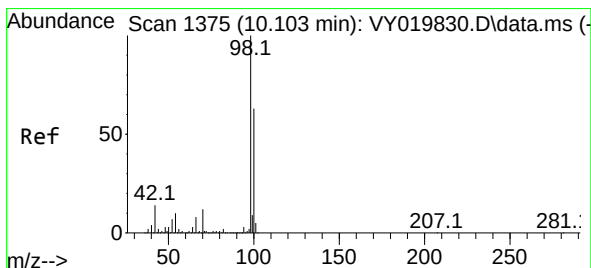
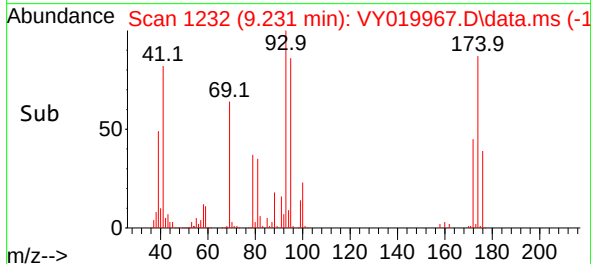
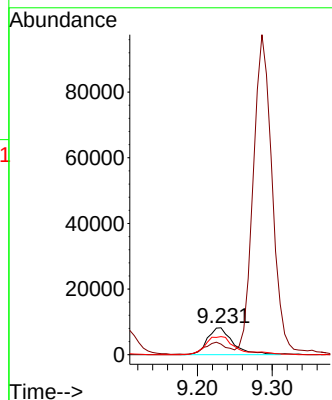
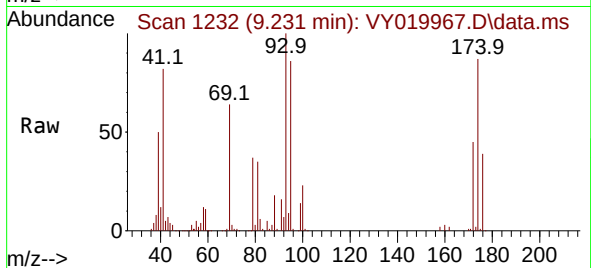
Tgt Ion: 88 Resp: 19402

Ion Ratio Lower Upper

88 100

43 40.0 0.0 0.0#

58 80.3 49.3 73.9#



#50

Toluene-d8

Concen: 52.632 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY019967.D

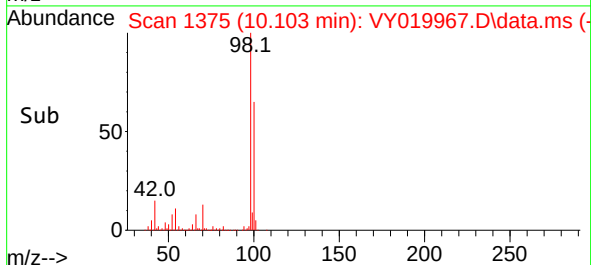
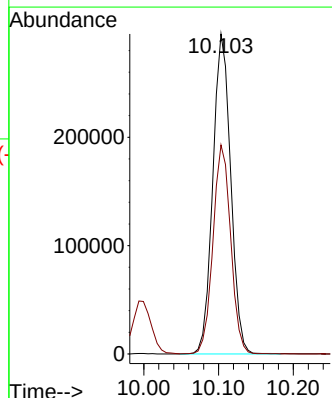
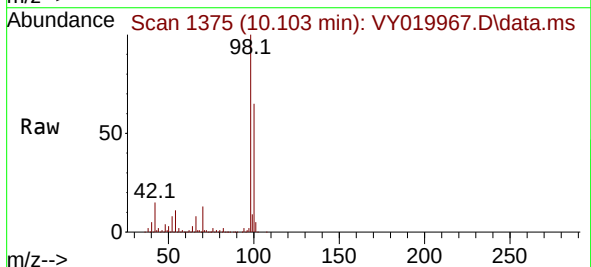
Acq: 21 Oct 2024 16:54

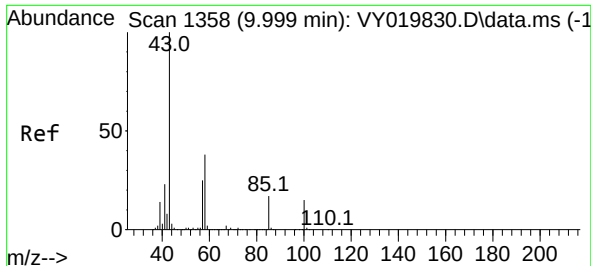
Tgt Ion: 98 Resp: 492153

Ion Ratio Lower Upper

98 100

100 64.8 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 313.951 ug/l

RT: 9.993 min Scan# 1357

Delta R.T. -0.006 min

Lab File: VY019967.D

Acq: 21 Oct 2024 16:54

Instrument :

MSVOA_Y

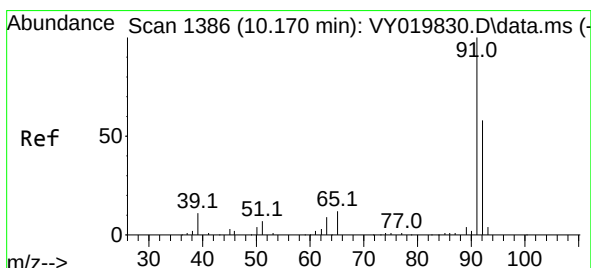
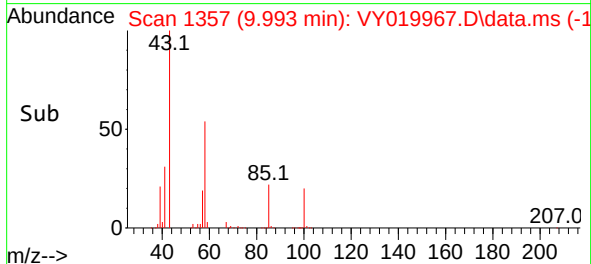
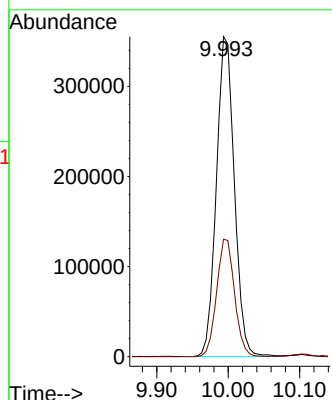
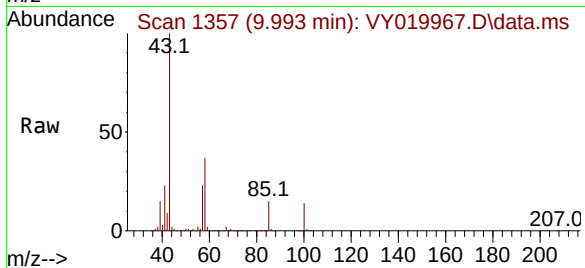
ClientSampleId :

Tgt Ion: 43 Resp: 621223

Ion Ratio Lower Upper

43 100

58 36.7 35.7 53.5



#52

Toluene

Concen: 60.903 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VY019967.D

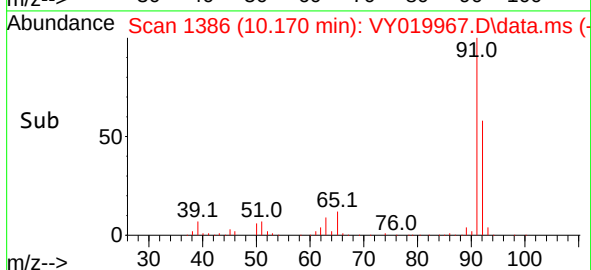
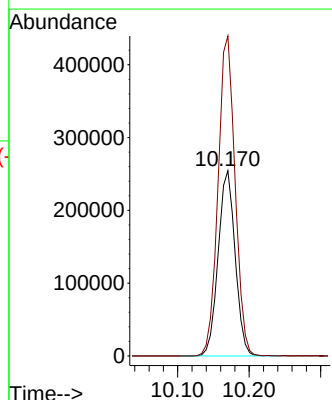
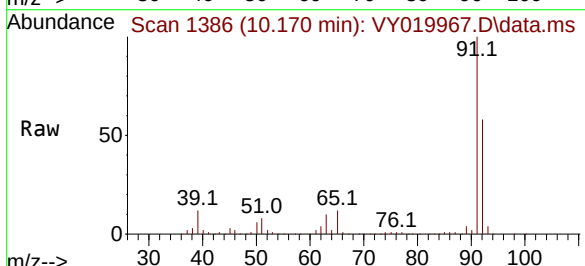
Acq: 21 Oct 2024 16:54

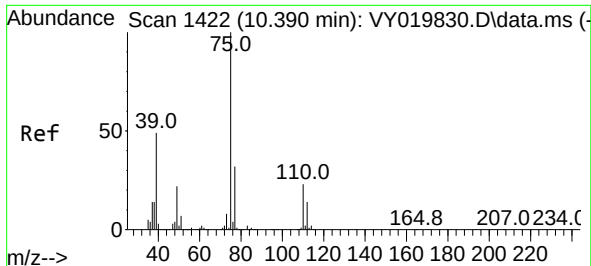
Tgt Ion: 92 Resp: 419710

Ion Ratio Lower Upper

92 100

91 173.0 139.0 208.6





#53

t-1,3-Dichloropropene

Concen: 59.116 ug/l

RT: 10.390 min Scan# 1422

Delta R.T. -0.006 min

Lab File: VY019967.D

Acq: 21 Oct 2024 16:54

Instrument :

MSVOA_Y

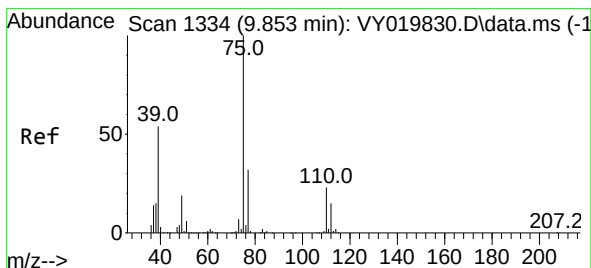
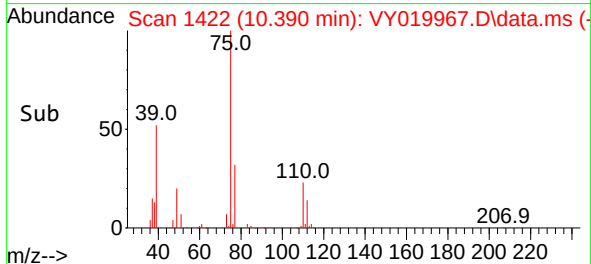
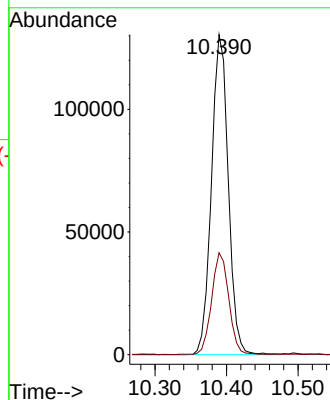
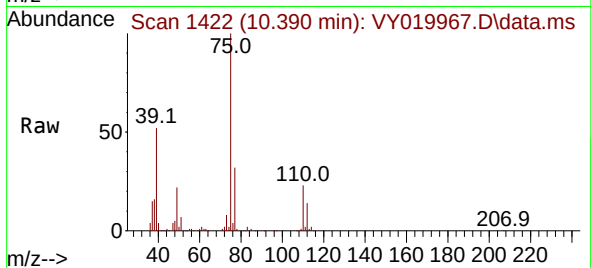
ClientSampleId :

Tgt Ion: 75 Resp: 213156

Ion Ratio Lower Upper

75 100

77 31.7 24.1 36.1



#54

cis-1,3-Dichloropropene

Concen: 58.781 ug/l

RT: 9.853 min Scan# 1334

Delta R.T. -0.006 min

Lab File: VY019967.D

Acq: 21 Oct 2024 16:54

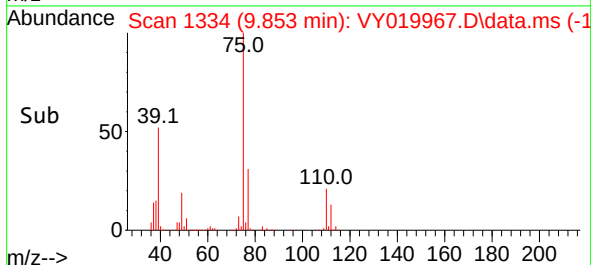
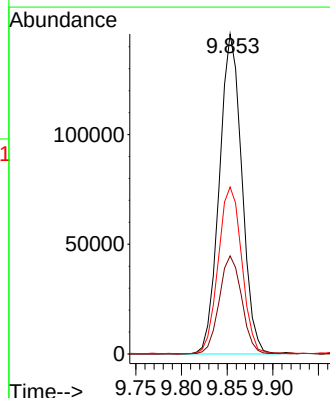
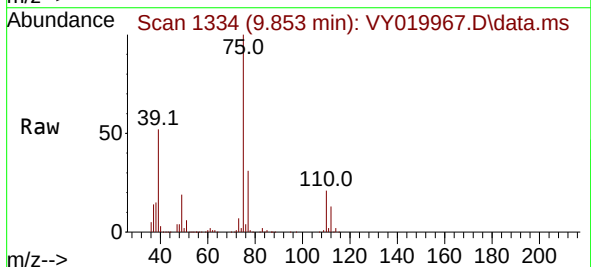
Tgt Ion: 75 Resp: 250086

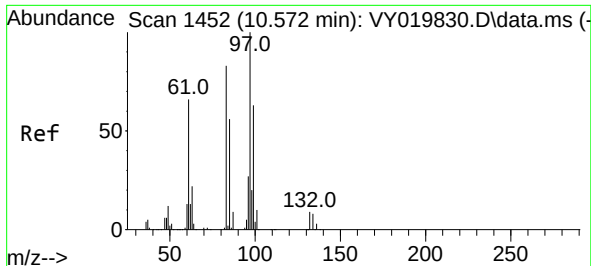
Ion Ratio Lower Upper

75 100

77 30.7 25.4 38.0

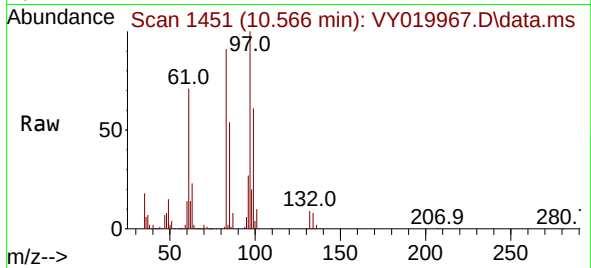
39 52.0 29.8 44.6#



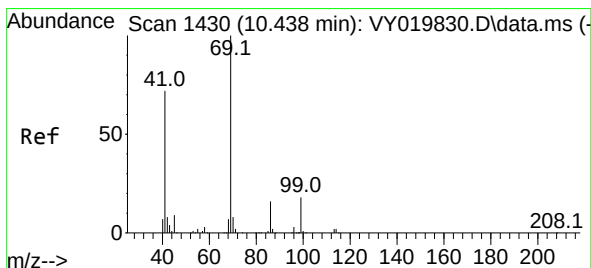
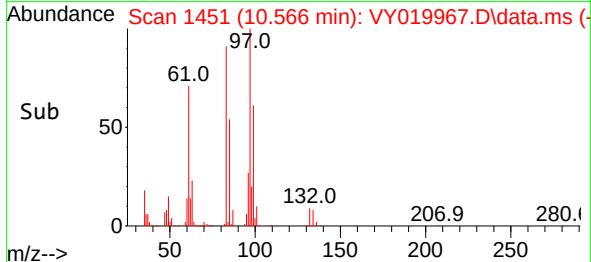
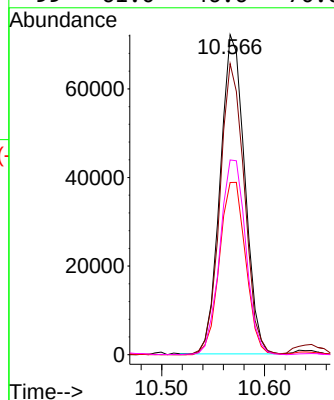


#55
1,1,2-Trichloroethane
Concen: 60.102 ug/l
RT: 10.566 min Scan# 1451
Delta R.T. -0.006 min
Lab File: VY019967.D
Acq: 21 Oct 2024 16:54

Instrument :
MSVOA_Y
ClientSampleId :

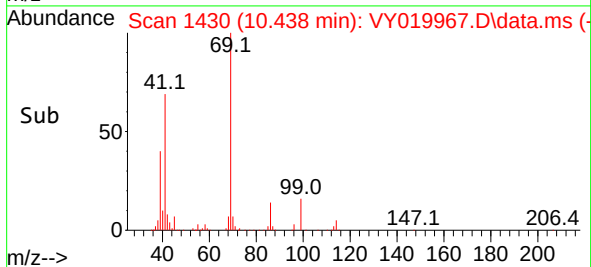
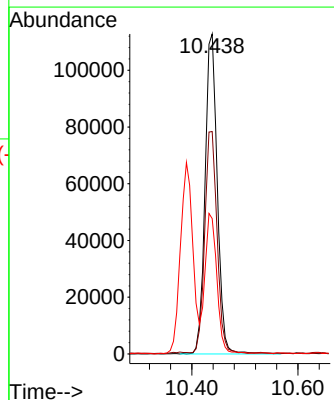
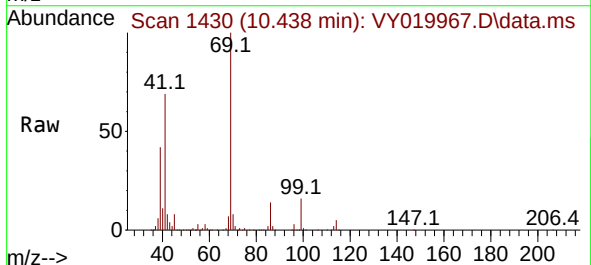


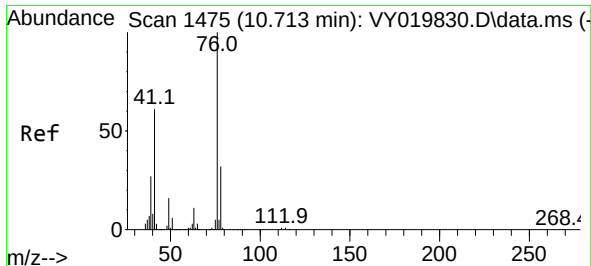
Tgt Ion: 97	Resp: 119552
Ion Ratio	Lower Upper
97 100	
83 91.1	67.5 101.3
85 53.9	42.9 64.3
99 61.0	46.6 70.0



#56
Ethyl methacrylate
Concen: 63.144 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY019967.D
Acq: 21 Oct 2024 16:54

Tgt Ion: 69	Resp: 180227
Ion Ratio	Lower Upper
69 100	
41 70.0	42.3 63.5#
39 42.4	22.9 34.3#





#57

1,3-Dichloropropane

Concen: 62.238 ug/l

RT: 10.713 min Scan# 1475

Delta R.T. -0.006 min

Lab File: VY019967.D

Acq: 21 Oct 2024 16:54

Instrument :

MSVOA_Y

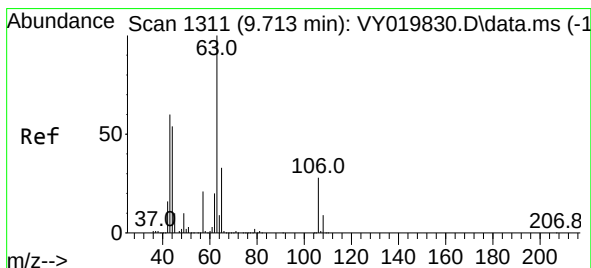
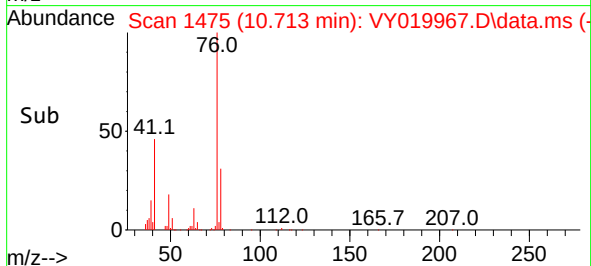
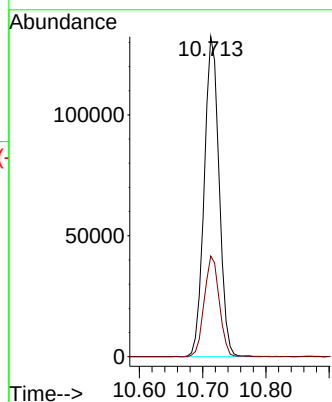
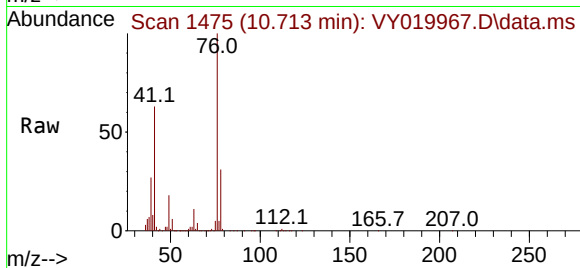
ClientSampleId :

Tgt Ion: 76 Resp: 217409

Ion Ratio Lower Upper

76 100

78 31.8 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 274.922 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. -0.006 min

Lab File: VY019967.D

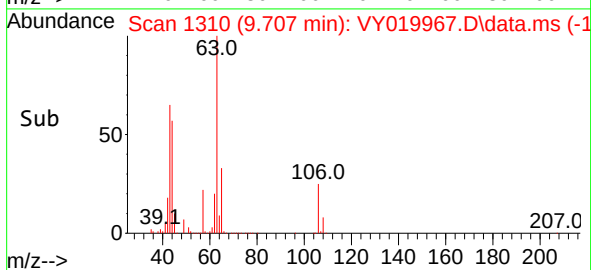
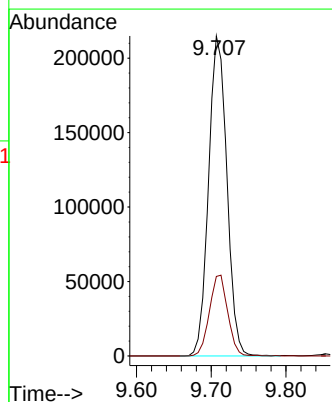
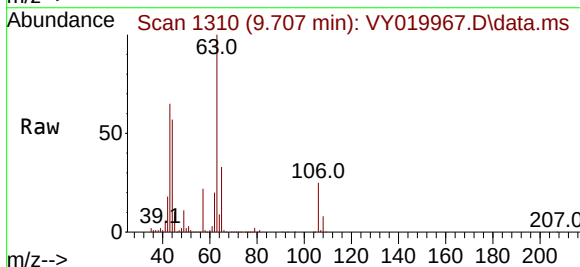
Acq: 21 Oct 2024 16:54

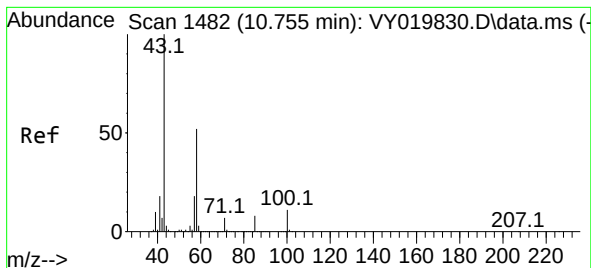
Tgt Ion: 63 Resp: 365296

Ion Ratio Lower Upper

63 100

106 25.3 23.7 35.5

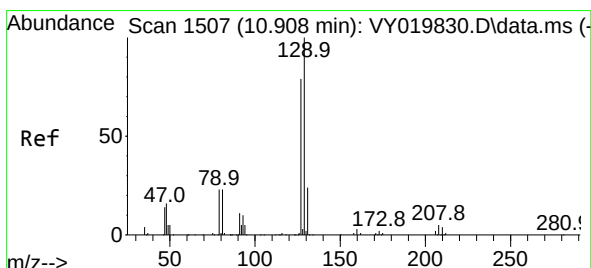
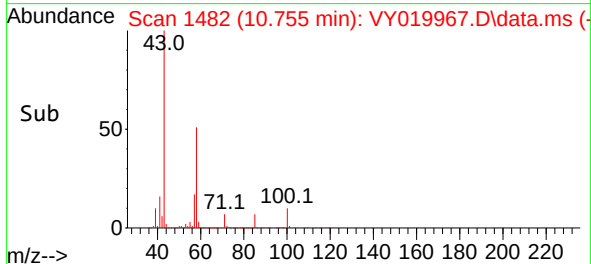
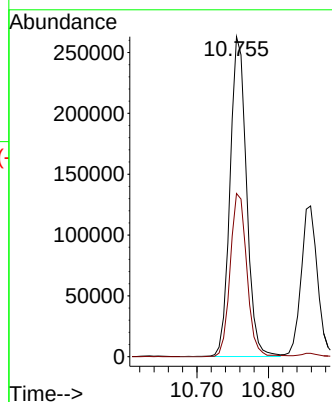
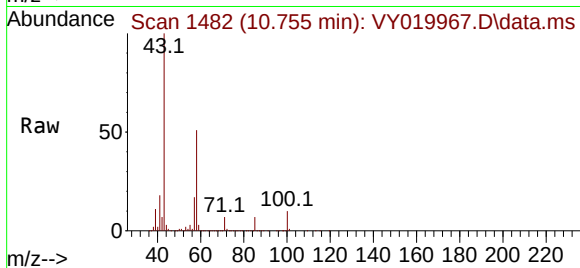




#59
2-Hexanone
Concen: 297.150 ug/l
RT: 10.755 min Scan# 1482
Delta R.T. -0.006 min
Lab File: VY019967.D
Acq: 21 Oct 2024 16:54

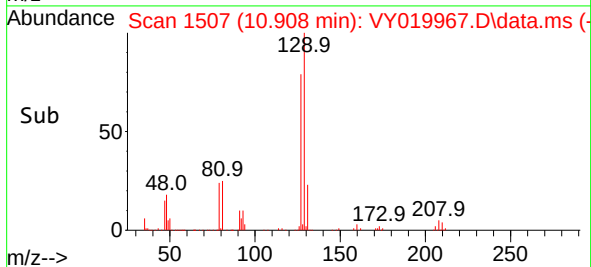
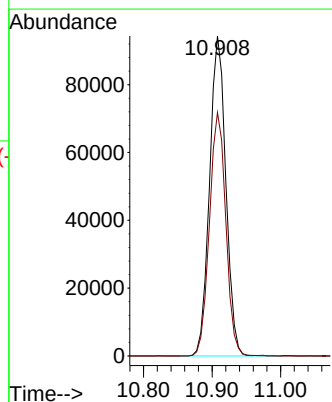
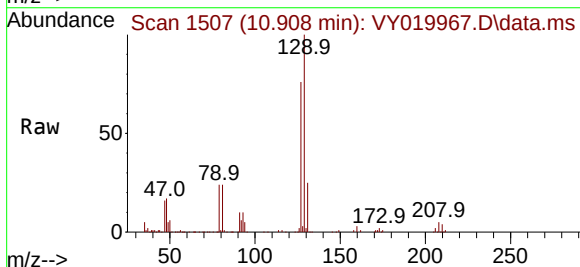
Instrument :
MSVOA_Y
ClientSampleId :

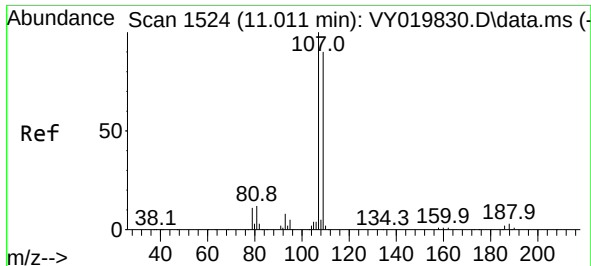
Tgt Ion: 43 Resp: 419953
Ion Ratio Lower Upper
43 100
58 51.6 31.4 94.0



#60
Dibromochloromethane
Concen: 61.121 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.006 min
Lab File: VY019967.D
Acq: 21 Oct 2024 16:54

Tgt Ion: 129 Resp: 156049
Ion Ratio Lower Upper
129 100
127 76.4 39.0 117.0

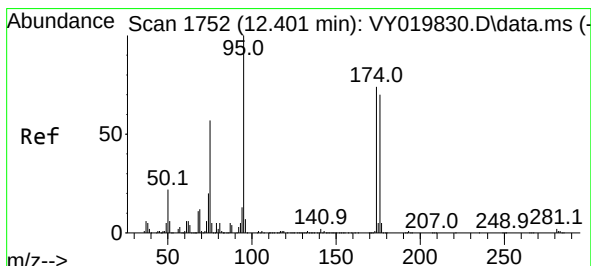
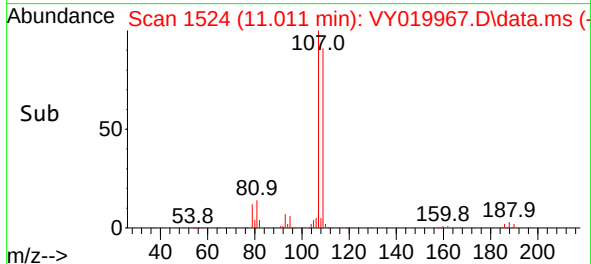
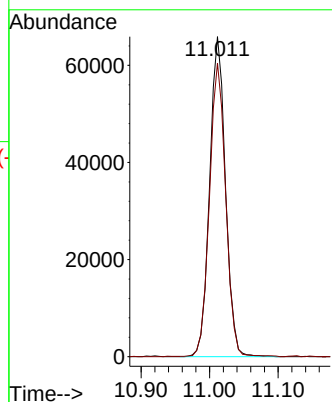
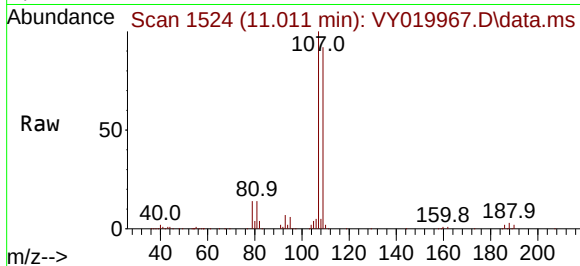




#61
1,2-Dibromoethane
Concen: 58.905 ug/l
RT: 11.011 min Scan# 1524
Delta R.T. -0.006 min
Lab File: VY019967.D
Acq: 21 Oct 2024 16:54

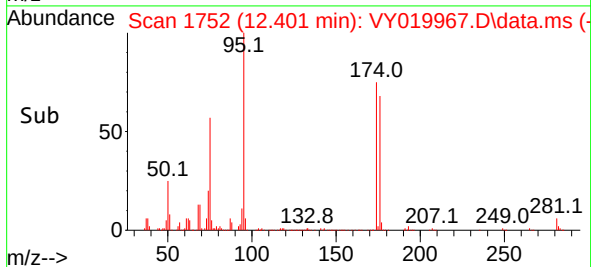
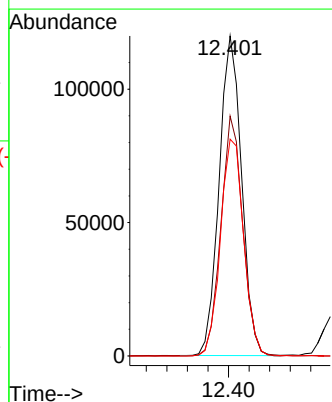
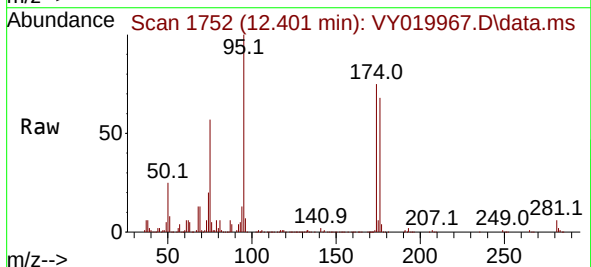
Instrument :
MSVOA_Y
ClientSampleId :

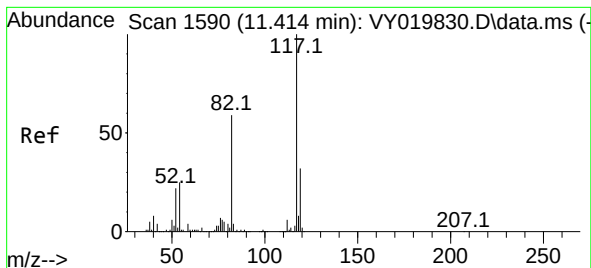
Tgt Ion:107 Resp: 105881
Ion Ratio Lower Upper
107 100
109 94.0 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 53.628 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY019967.D
Acq: 21 Oct 2024 16:54

Tgt Ion: 95 Resp: 181194
Ion Ratio Lower Upper
95 100
174 72.9 0.0 175.6
176 70.2 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY019967.D

Acq: 21 Oct 2024 16:54

Instrument :

MSVOA_Y

ClientSampleId :

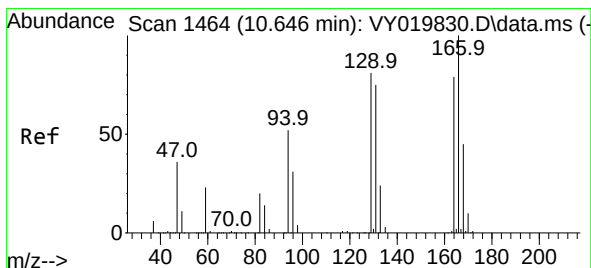
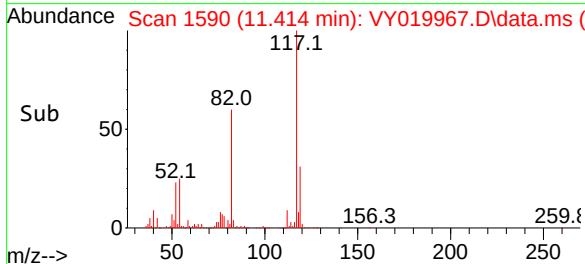
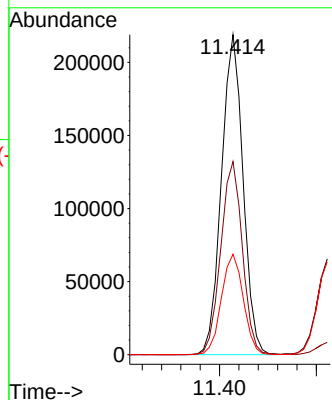
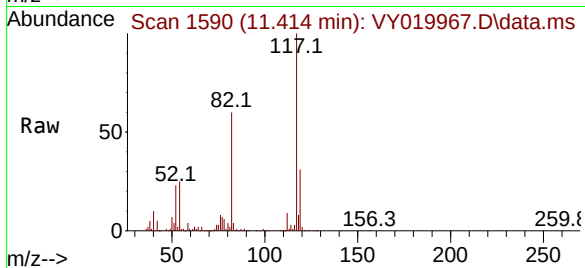
Tgt Ion:117 Resp: 338750

Ion Ratio Lower Upper

117 100

82 60.3 42.4 63.6

119 31.4 25.9 38.9



#64

Tetrachloroethene

Concen: 54.039 ug/l

RT: 10.640 min Scan# 1463

Delta R.T. -0.012 min

Lab File: VY019967.D

Acq: 21 Oct 2024 16:54

Tgt Ion:164 Resp: 130206

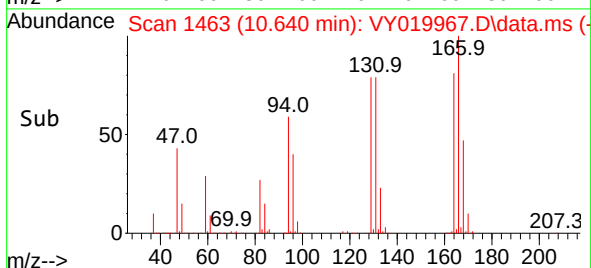
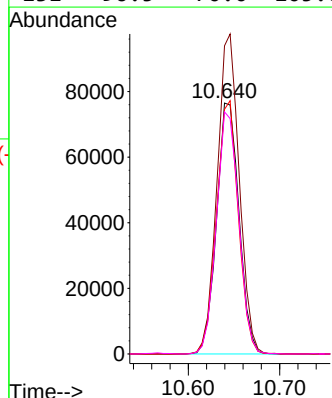
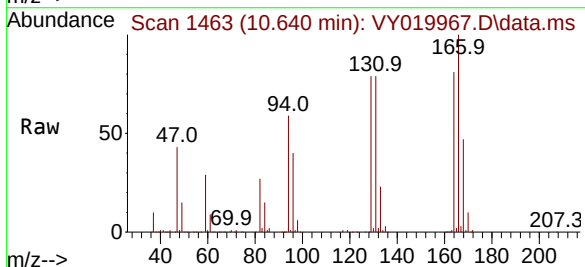
Ion Ratio Lower Upper

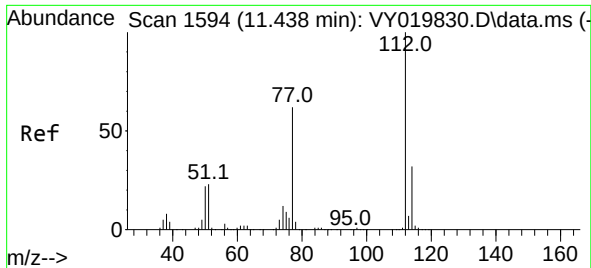
164 100

166 122.8 102.6 154.0

129 97.5 72.0 108.0

131 96.5 70.0 105.0

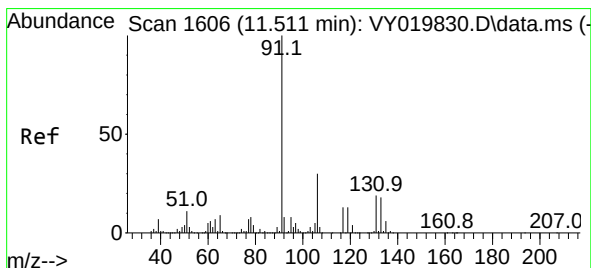
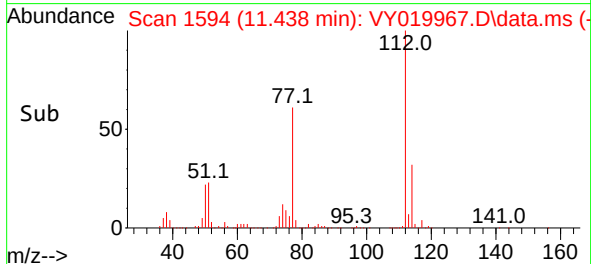
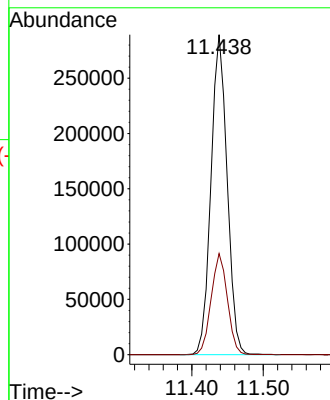
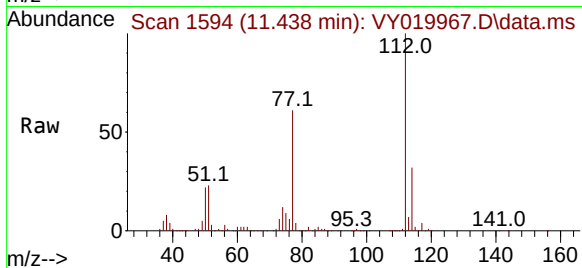




#65
Chlorobenzene
Concen: 58.536 ug/l
RT: 11.438 min Scan# 1112
Delta R.T. -0.006 min
Lab File: VY019967.D
Acq: 21 Oct 2024 16:54

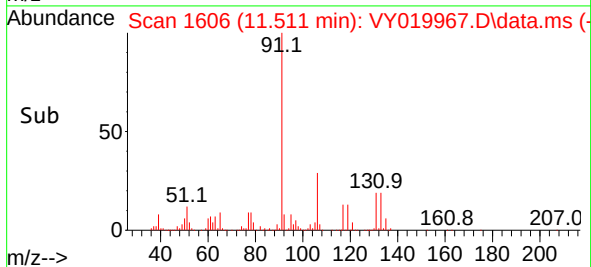
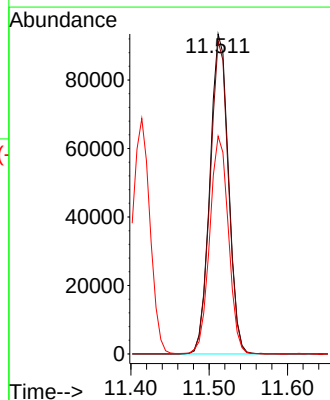
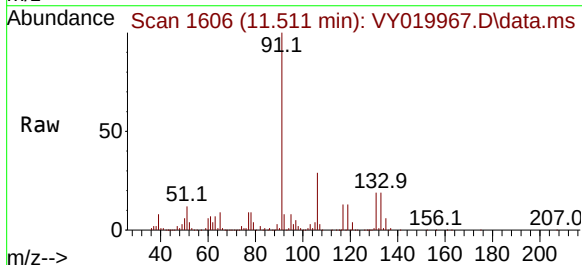
Instrument :
MSVOA_Y
ClientSampleId :

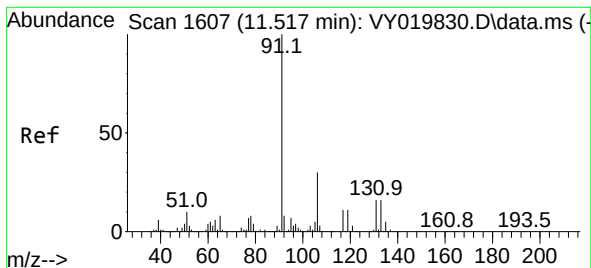
Tgt Ion:112 Resp: 453540
Ion Ratio Lower Upper
112 100
114 31.6 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 58.672 ug/l
RT: 11.511 min Scan# 1606
Delta R.T. -0.006 min
Lab File: VY019967.D
Acq: 21 Oct 2024 16:54

Tgt Ion:131 Resp: 153803
Ion Ratio Lower Upper
131 100
133 96.4 47.8 143.3
119 68.4 34.1 102.2





#67

Ethyl Benzene

Concen: 58.660 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. -0.006 min

Lab File: VY019967.D

Acq: 21 Oct 2024 16:54

Instrument :

MSVOA_Y

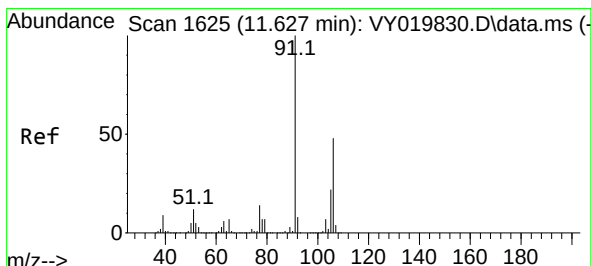
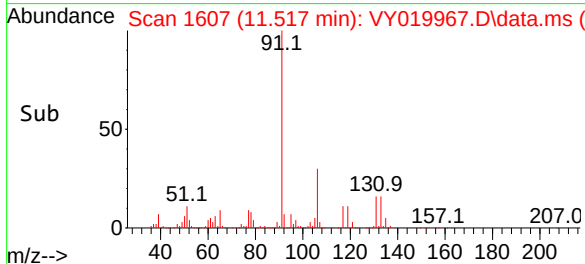
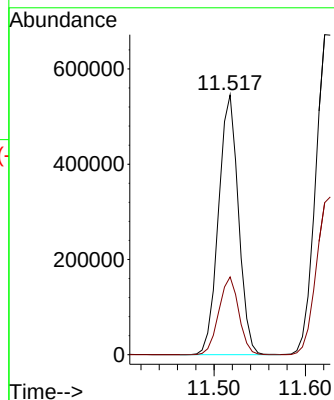
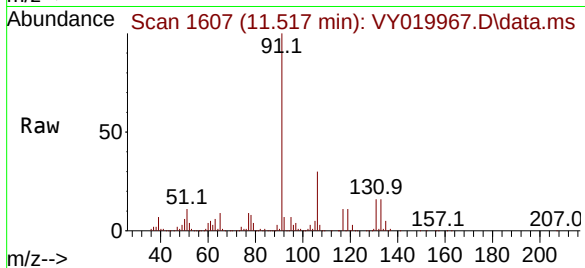
ClientSampleId :

Tgt Ion: 91 Resp: 825611

Ion Ratio Lower Upper

91 100

106 29.9 24.5 36.7



#68

m/p-Xylenes

Concen: 115.429 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY019967.D

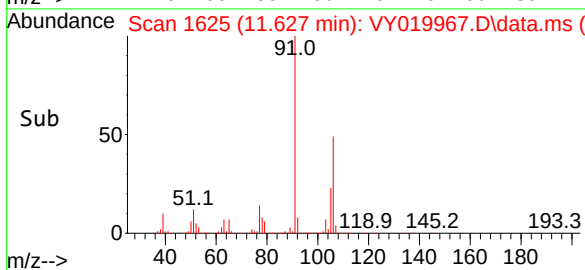
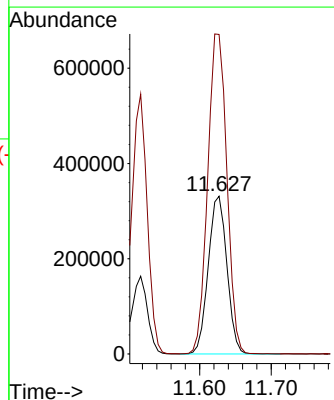
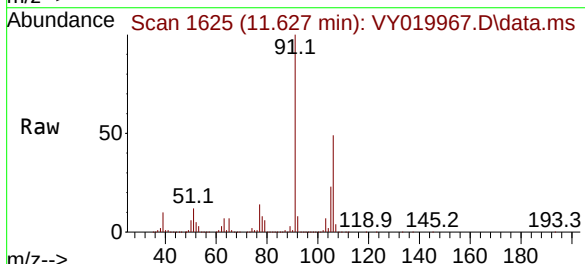
Acq: 21 Oct 2024 16:54

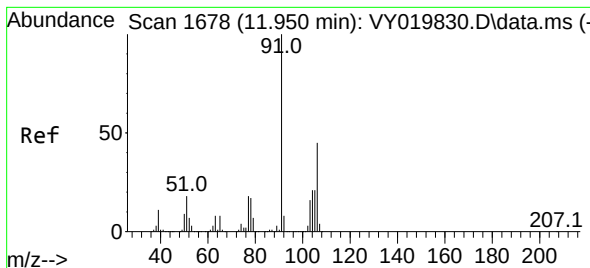
Tgt Ion:106 Resp: 600006

Ion Ratio Lower Upper

106 100

91 208.3 156.0 234.0





#69

o-Xylene

Concen: 59.711 ug/l

RT: 11.950 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY019967.D

Acq: 21 Oct 2024 16:54

Instrument :

MSVOA_Y

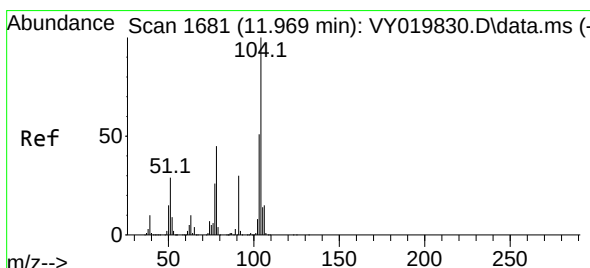
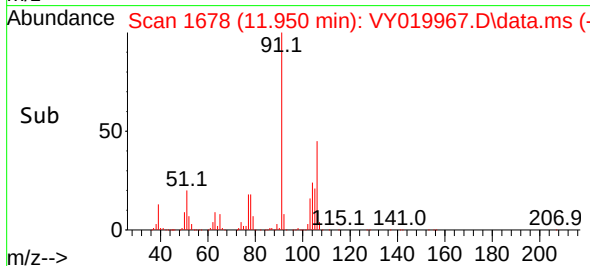
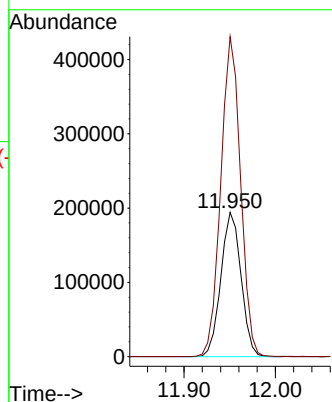
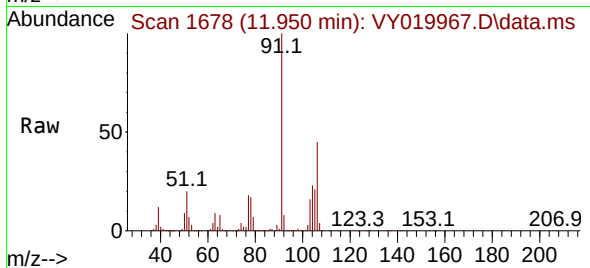
ClientSampleId :

Tgt Ion:106 Resp: 298214

Ion Ratio Lower Upper

106 100

91 217.5 103.6 310.8



#70

Styrene

Concen: 60.527 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. 0.000 min

Lab File: VY019967.D

Acq: 21 Oct 2024 16:54

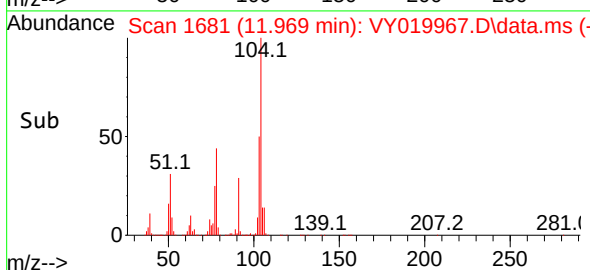
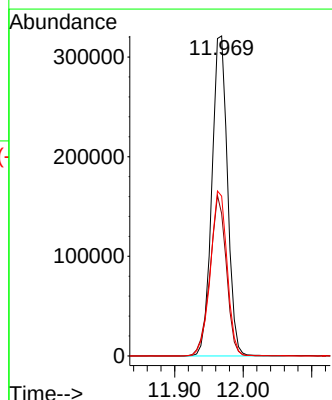
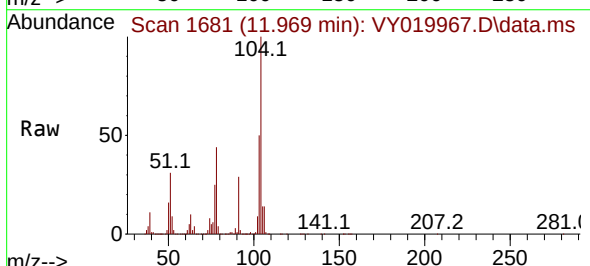
Tgt Ion:104 Resp: 510012

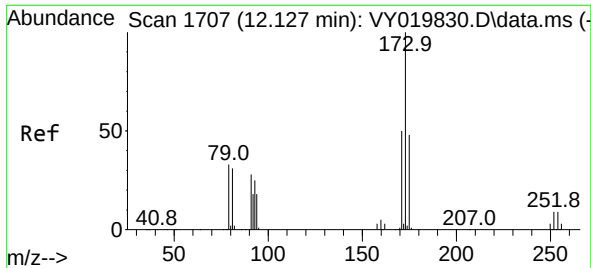
Ion Ratio Lower Upper

104 100

78 52.3 37.0 55.4

103 55.1 44.2 66.2

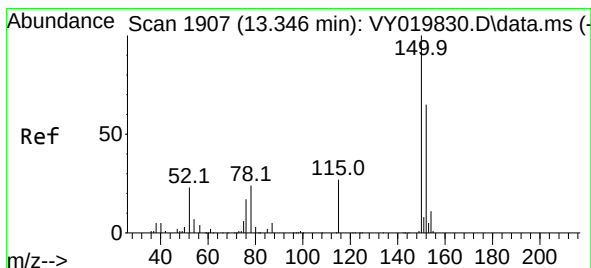
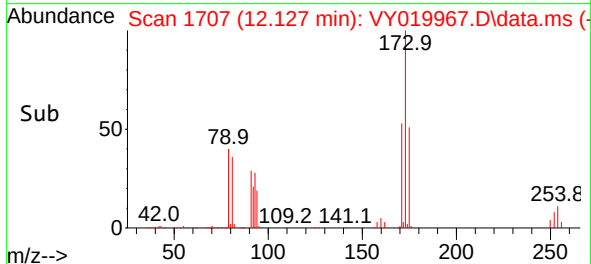
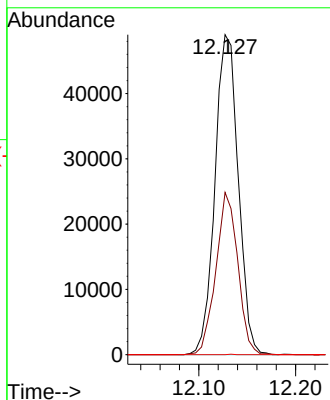
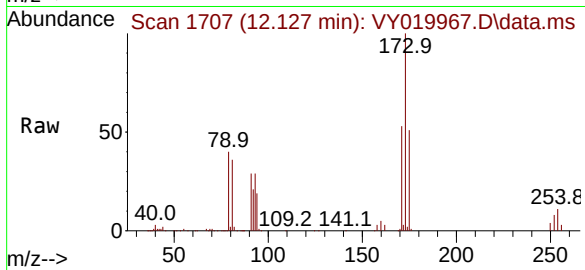




#71
Bromoform
Concen: 58.323 ug/l
RT: 12.127 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019967.D
Acq: 21 Oct 2024 16:54

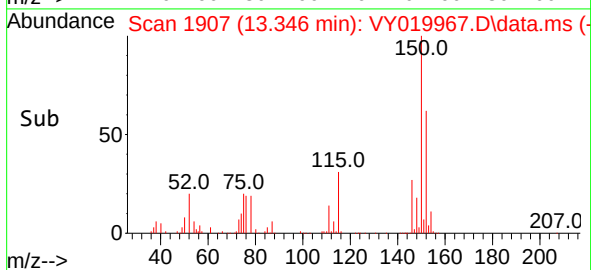
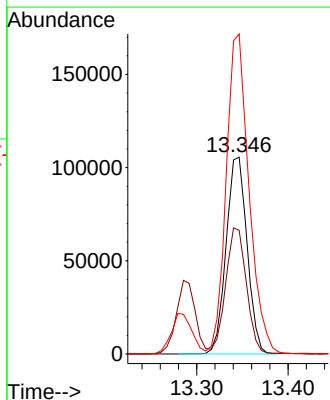
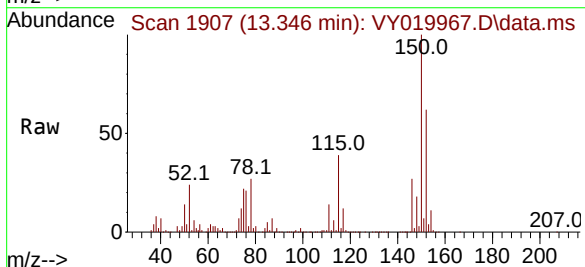
Instrument :
MSVOA_Y
ClientSampleId :

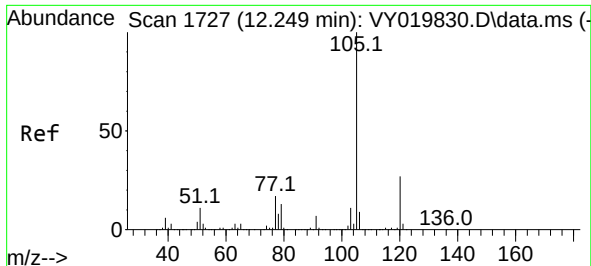
Tgt Ion:173 Resp: 81846
Ion Ratio Lower Upper
173 100
175 47.7 25.1 75.3
254 0.0 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY019967.D
Acq: 21 Oct 2024 16:54

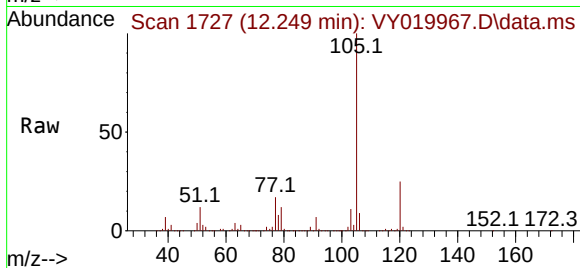
Tgt Ion:152 Resp: 168205
Ion Ratio Lower Upper
152 100
115 62.9 28.2 84.7
150 177.0 0.0 345.6



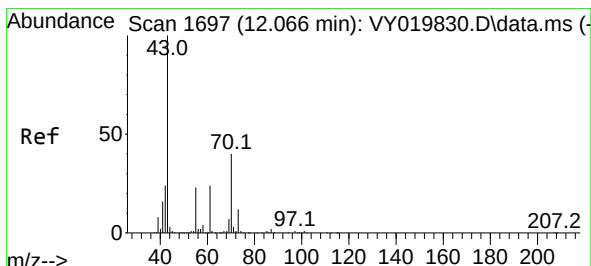
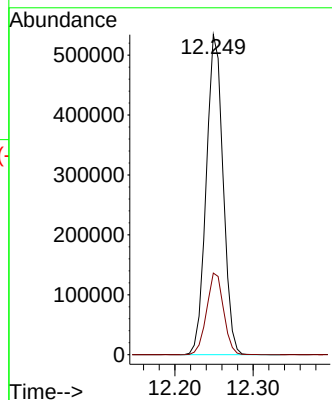
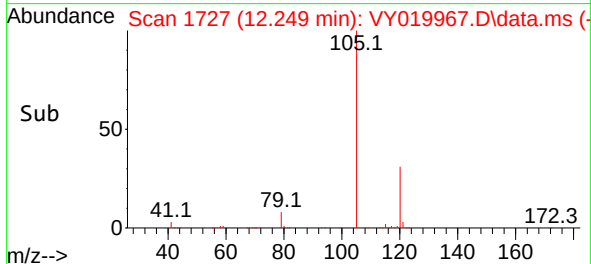


#73
Isopropylbenzene
Concen: 56.173 ug/l
RT: 12.249 min Scan# 1727
Delta R.T. -0.006 min
Lab File: VY019967.D
Acq: 21 Oct 2024 16:54

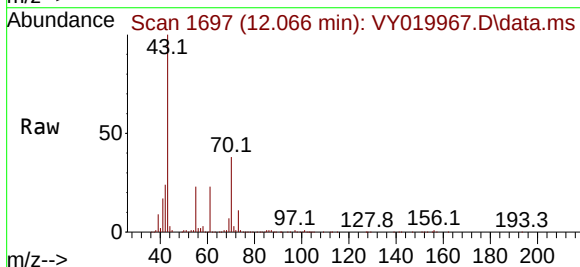
Instrument :
MSVOA_Y
ClientSampleId :



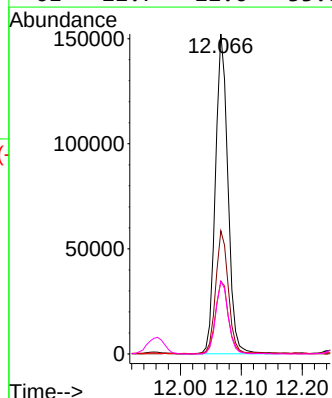
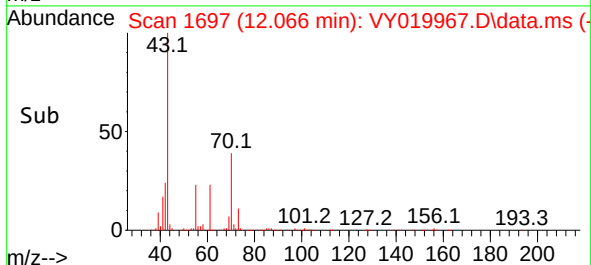
Tgt Ion:105 Resp: 794744
Ion Ratio Lower Upper
105 100
120 25.7 13.4 40.1

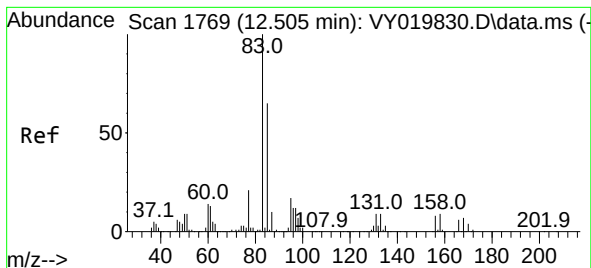


#74
N-ethyl acetate
Concen: 57.841 ug/l
RT: 12.066 min Scan# 1697
Delta R.T. -0.006 min
Lab File: VY019967.D
Acq: 21 Oct 2024 16:54



Tgt Ion: 43 Resp: 216745
Ion Ratio Lower Upper
43 100
70 39.0 41.4 62.2#
55 23.8 23.3 34.9
61 22.7 22.6 33.8

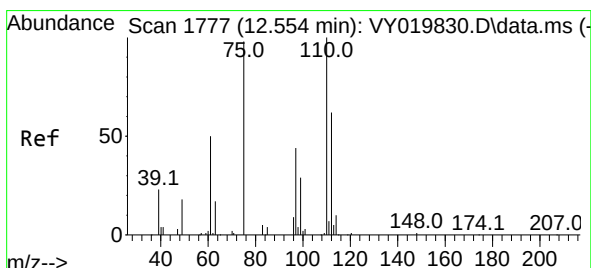
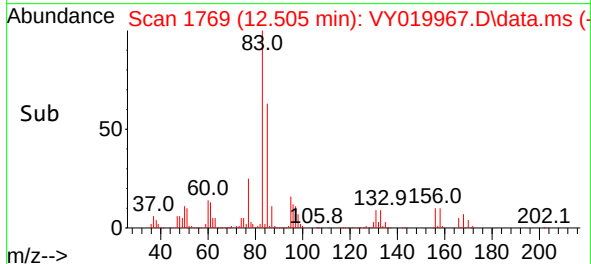
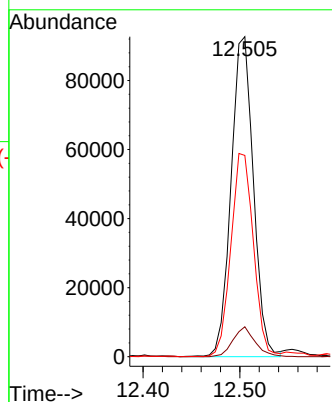
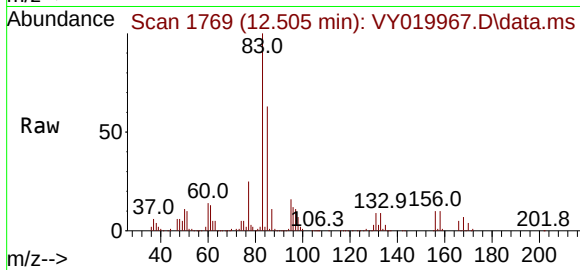




#75
 1,1,2-Tetrachloroethane
 Concen: 59.265 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. -0.006 min
 Lab File: VY019967.D
 Acq: 21 Oct 2024 16:54

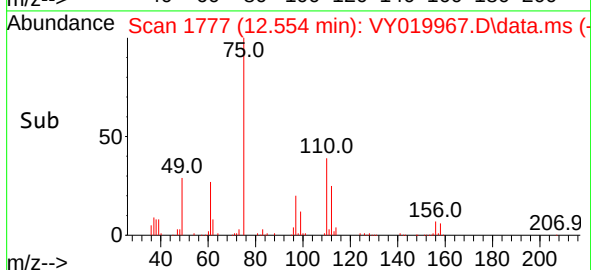
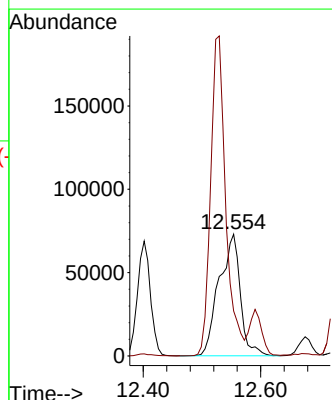
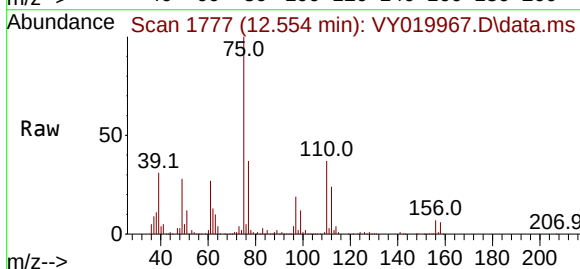
Instrument :
 MSVOA_Y
 ClientSampleId :

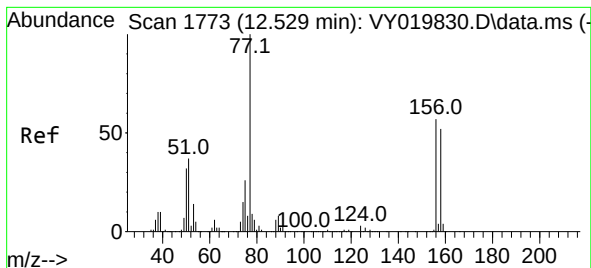
Tgt Ion: 83 Resp: 148992
 Ion Ratio Lower Upper
 83 100
 131 9.2 5.0 14.9
 85 64.1 32.0 96.0



#76
 1,2,3-Trichloropropane
 Concen: 55.688 ug/l
 RT: 12.554 min Scan# 1777
 Delta R.T. -0.006 min
 Lab File: VY019967.D
 Acq: 21 Oct 2024 16:54

Tgt Ion: 75 Resp: 183497
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 55.278 ug/l

RT: 12.529 min Scan# 1773

Delta R.T. -0.006 min

Lab File: VY019967.D

Acq: 21 Oct 2024 16:54

Instrument :

MSVOA_Y

ClientSampleId :

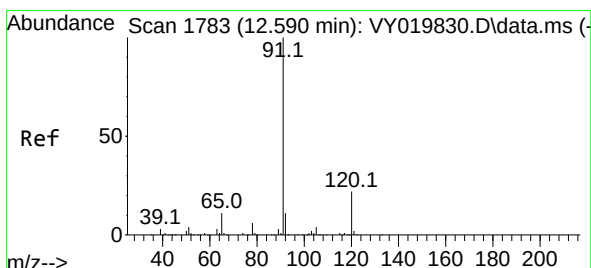
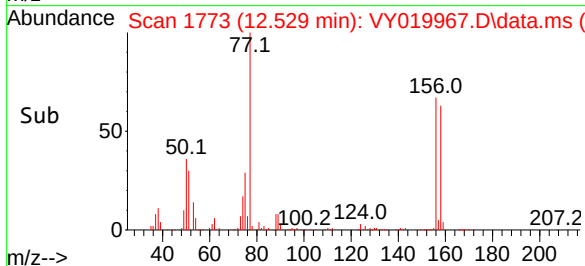
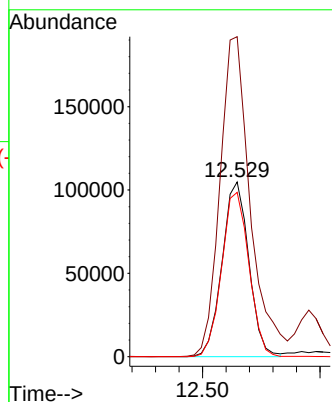
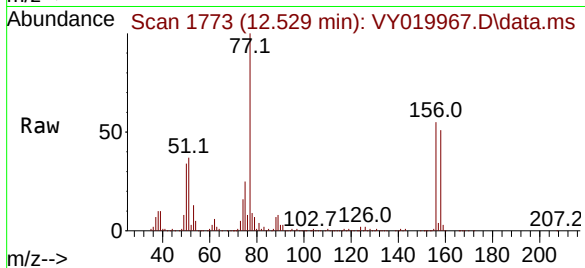
Tgt Ion:156 Resp: 165962

Ion Ratio Lower Upper

156 100

77 207.6 87.1 261.3

158 96.0 48.6 145.9



#78

n-propylbenzene

Concen: 56.660 ug/l

RT: 12.590 min Scan# 1783

Delta R.T. -0.006 min

Lab File: VY019967.D

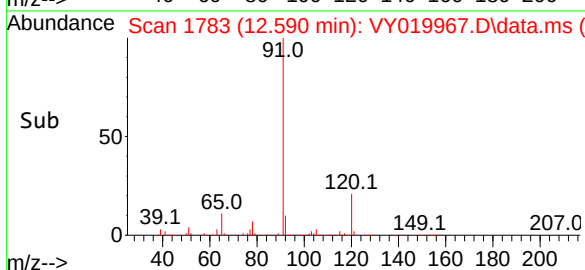
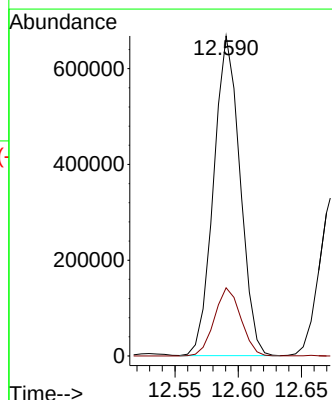
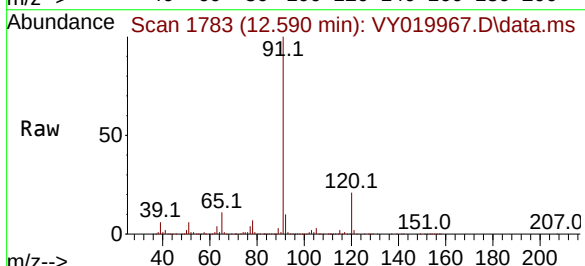
Acq: 21 Oct 2024 16:54

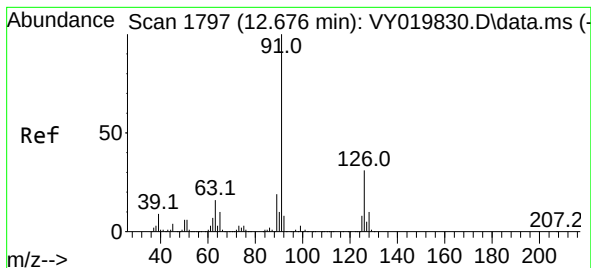
Tgt Ion: 91 Resp: 968630

Ion Ratio Lower Upper

91 100

120 21.4 11.5 34.4

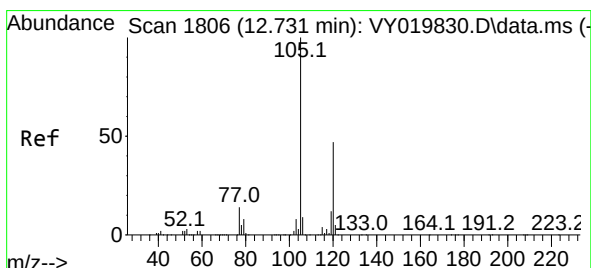
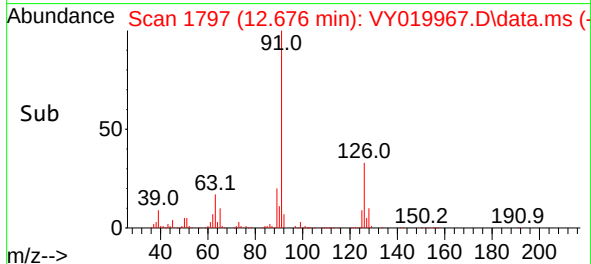
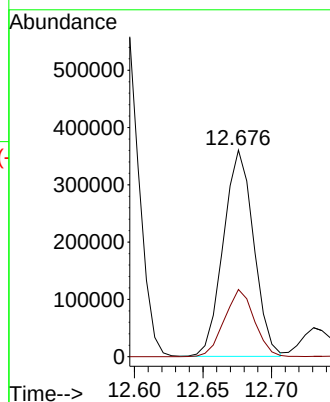
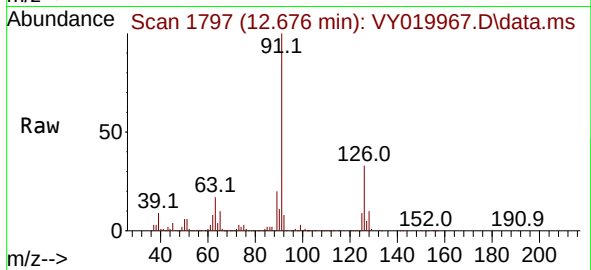




#79
2-Chlorotoluene
Concen: 56.657 ug/l
RT: 12.676 min Scan# 1797
Delta R.T. -0.006 min
Lab File: VY019967.D
Acq: 21 Oct 2024 16:54

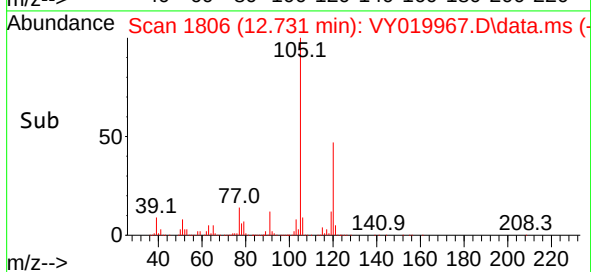
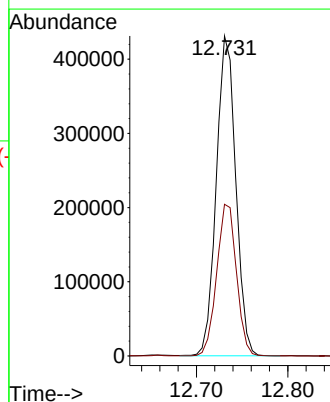
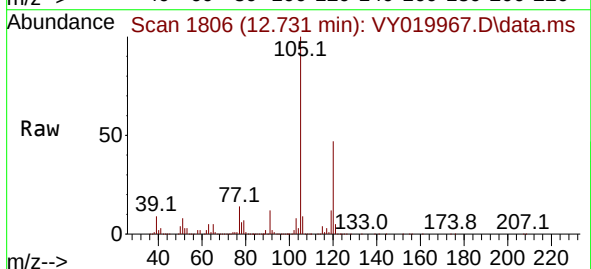
Instrument :
MSVOA_Y
ClientSampleId :

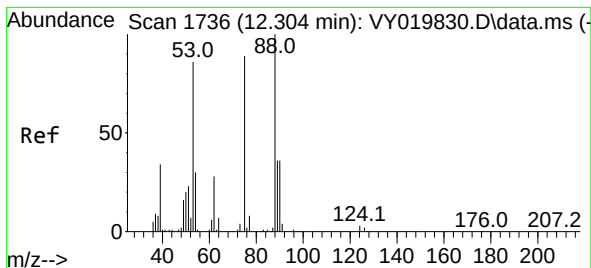
Tgt Ion: 91 Resp: 555287
Ion Ratio Lower Upper
91 100
126 32.2 17.8 53.5



#80
1,3,5-Trimethylbenzene
Concen: 55.828 ug/l
RT: 12.731 min Scan# 1806
Delta R.T. -0.006 min
Lab File: VY019967.D
Acq: 21 Oct 2024 16:54

Tgt Ion: 105 Resp: 637886
Ion Ratio Lower Upper
105 100
120 48.3 25.1 75.2

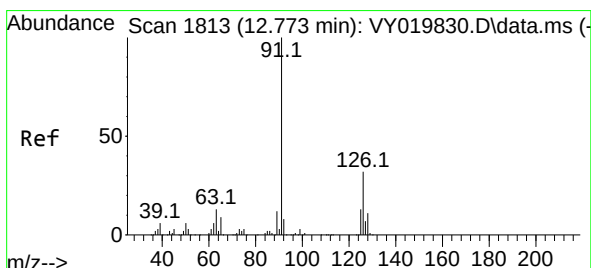
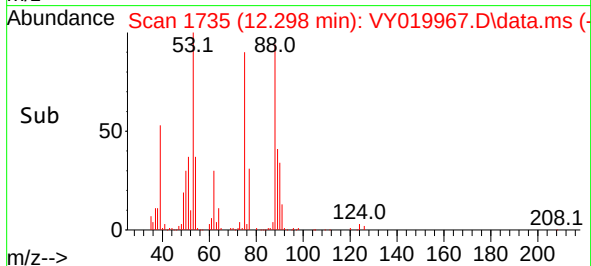
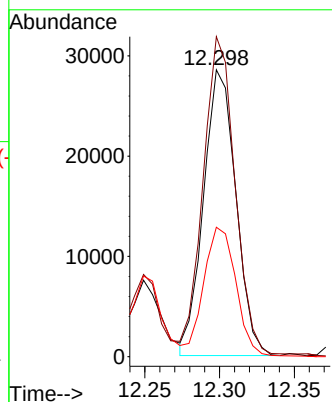
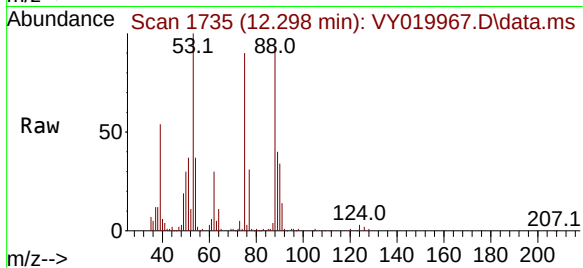




#81
trans-1,4-Dichloro-2-butene
Concen: 52.484 ug/l
RT: 12.298 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019967.D
Acq: 21 Oct 2024 16:54

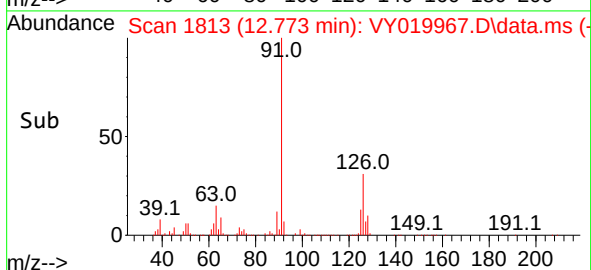
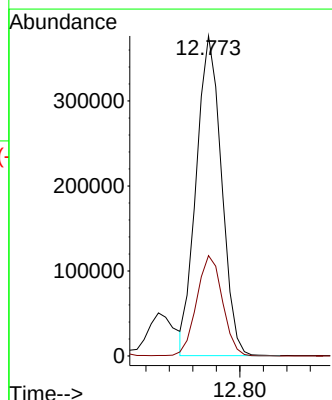
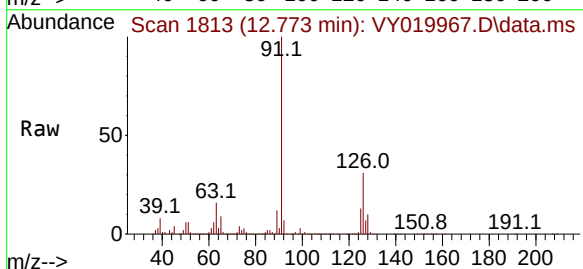
Instrument :
MSVOA_Y
ClientSampleId :

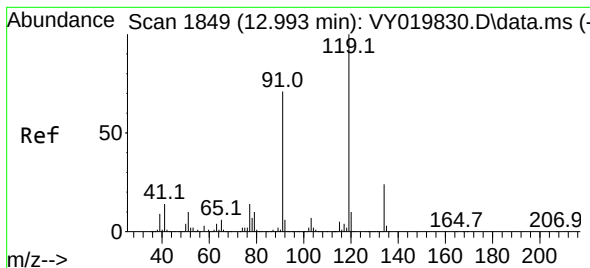
Tgt Ion: 75 Resp: 42846
Ion Ratio Lower Upper
75 100
53 111.6 66.8 100.2#
89 45.6 35.8 53.6



#82
4-Chlorotoluene
Concen: 55.881 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. -0.006 min
Lab File: VY019967.D
Acq: 21 Oct 2024 16:54

Tgt Ion: 91 Resp: 560002
Ion Ratio Lower Upper
91 100
126 32.2 17.6 52.9





#83

tert-Butylbenzene

Concen: 56.156 ug/l

RT: 12.993 min Scan# 1849

Delta R.T. -0.006 min

Lab File: VY019967.D

Acq: 21 Oct 2024 16:54

Instrument :

MSVOA_Y

ClientSampleId :

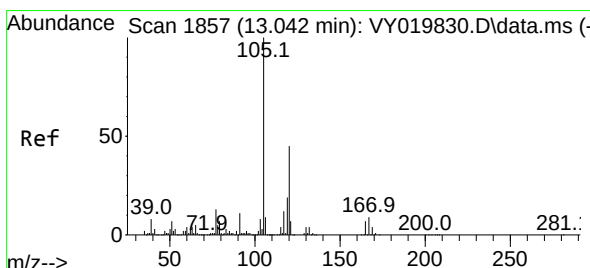
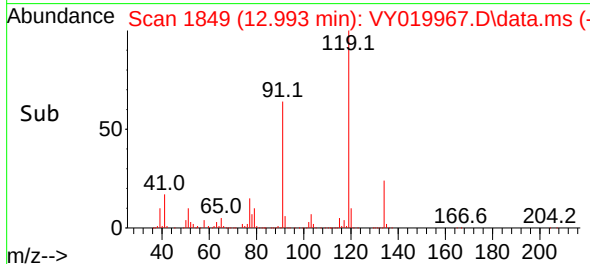
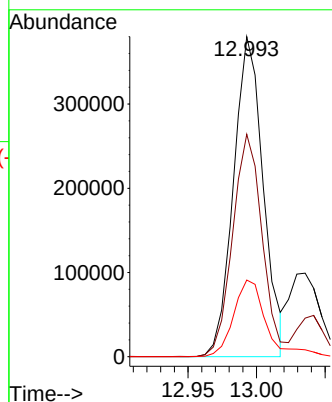
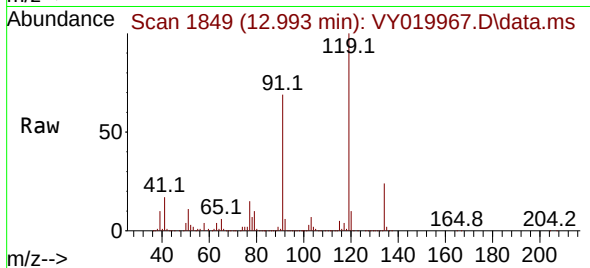
Tgt Ion:119 Resp: 574813

Ion Ratio Lower Upper

119 100

91 69.4 31.3 93.8

134 26.3 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 56.805 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. -0.006 min

Lab File: VY019967.D

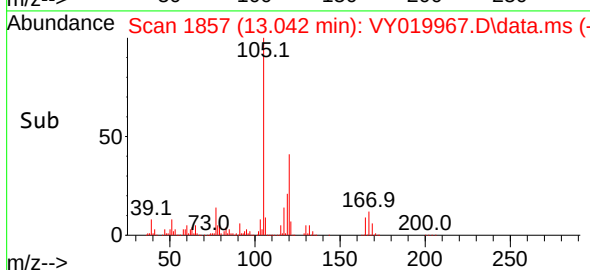
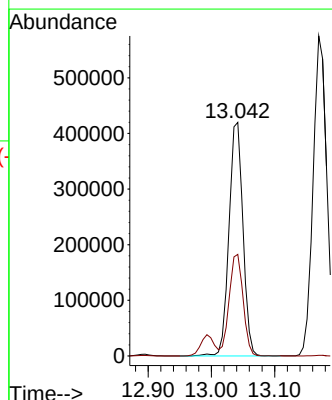
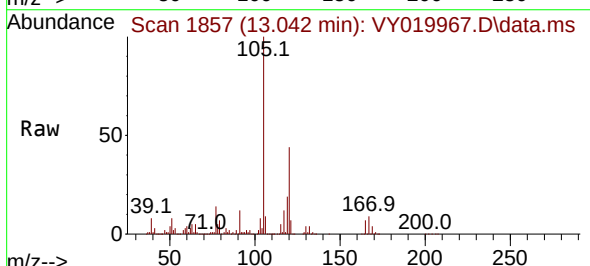
Acq: 21 Oct 2024 16:54

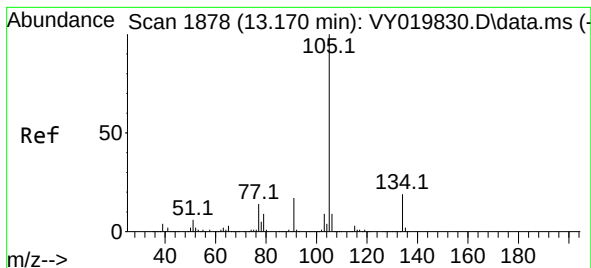
Tgt Ion:105 Resp: 643506

Ion Ratio Lower Upper

105 100

120 43.4 23.2 69.6





#85

sec-Butylbenzene

Concen: 56.385 ug/l

RT: 13.170 min Scan# 1878

Delta R.T. -0.006 min

Lab File: VY019967.D

Acq: 21 Oct 2024 16:54

Instrument :

MSVOA_Y

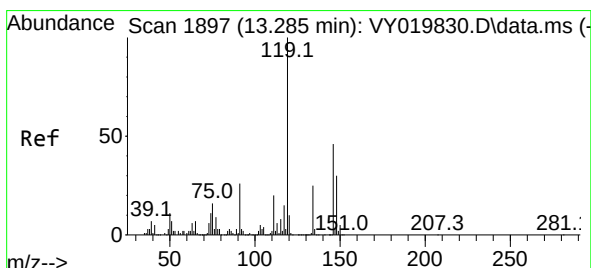
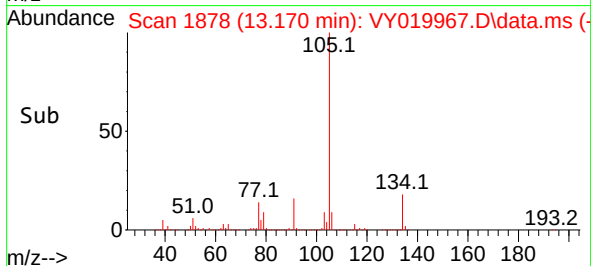
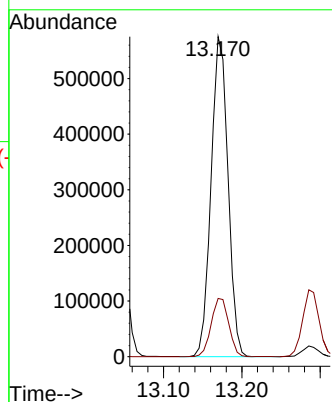
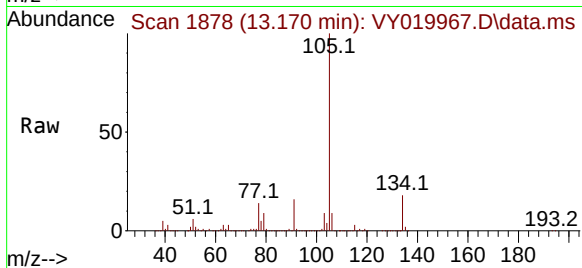
ClientSampleId :

Tgt Ion:105 Resp: 862309

Ion Ratio Lower Upper

105 100

134 18.9 10.1 30.1



#86

p-Isopropyltoluene

Concen: 55.441 ug/l

RT: 13.285 min Scan# 1897

Delta R.T. -0.006 min

Lab File: VY019967.D

Acq: 21 Oct 2024 16:54

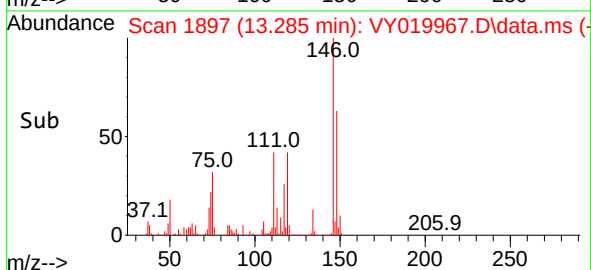
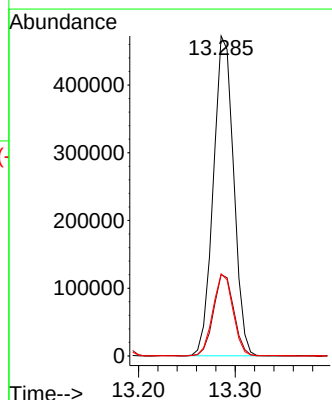
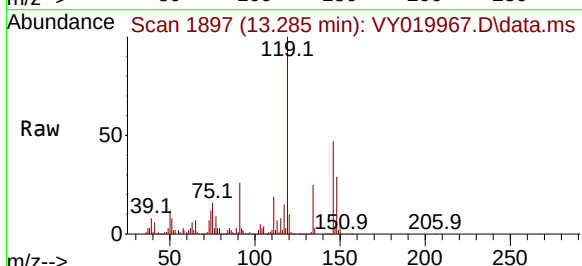
Tgt Ion:119 Resp: 688490

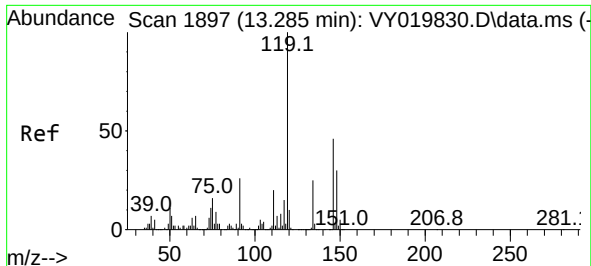
Ion Ratio Lower Upper

119 100

134 25.5 13.1 39.3

91 25.3 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 55.090 ug/l

RT: 13.285 min Scan# 1897

Delta R.T. -0.006 min

Lab File: VY019967.D

Acq: 21 Oct 2024 16:54

Instrument :

MSVOA_Y

ClientSampleId :

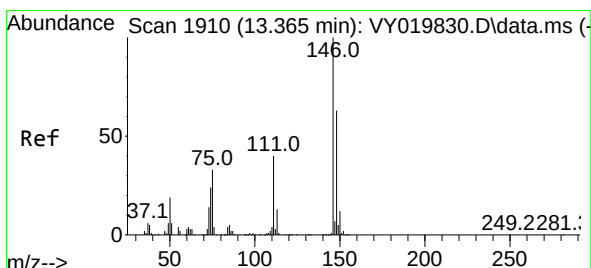
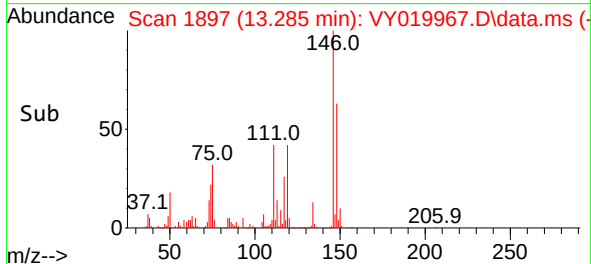
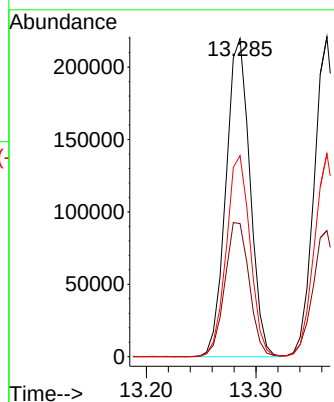
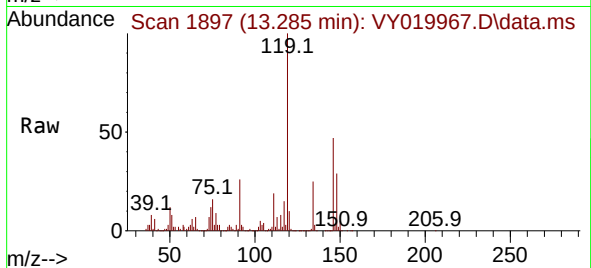
Tgt Ion:146 Resp: 334014

Ion Ratio Lower Upper

146 100

111 43.0 19.0 57.0

148 62.9 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 54.878 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.006 min

Lab File: VY019967.D

Acq: 21 Oct 2024 16:54

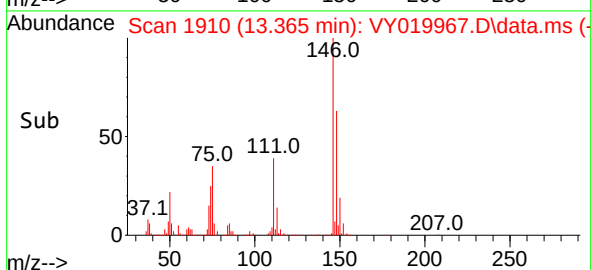
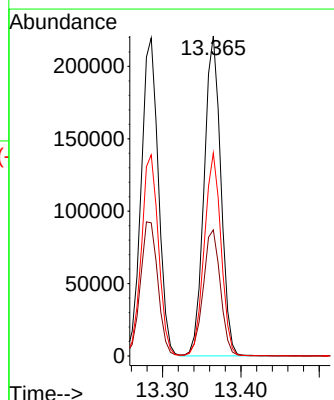
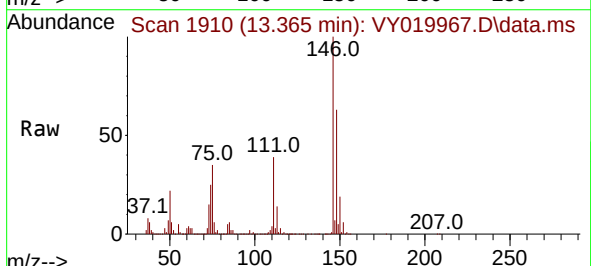
Tgt Ion:146 Resp: 326876

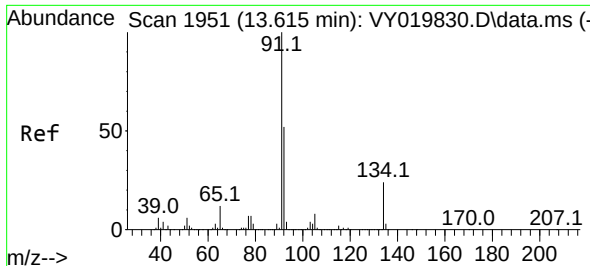
Ion Ratio Lower Upper

146 100

111 40.6 18.4 55.4

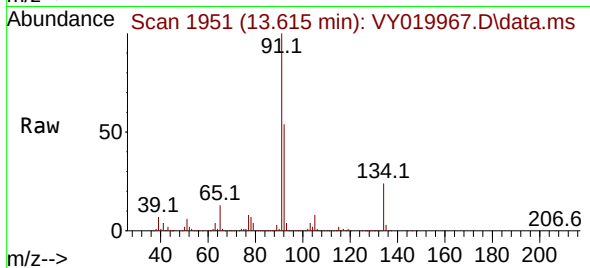
148 63.5 32.4 97.2



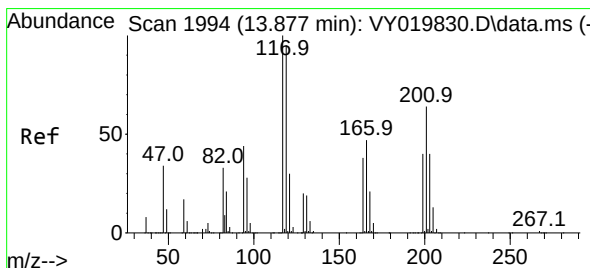
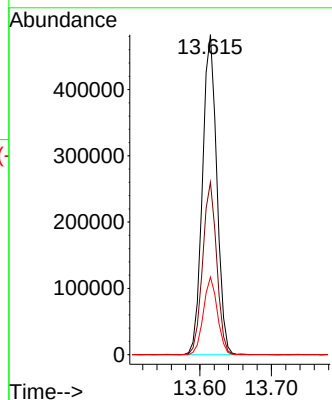
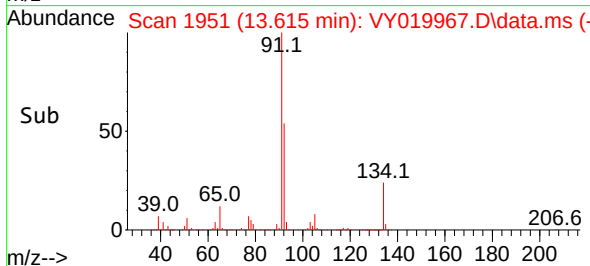


#89
n-Butylbenzene
Concen: 55.475 ug/l
RT: 13.615 min Scan# 1951
Delta R.T. -0.006 min
Lab File: VY019967.D
Acq: 21 Oct 2024 16:54

Instrument :
MSVOA_Y
ClientSampleId :

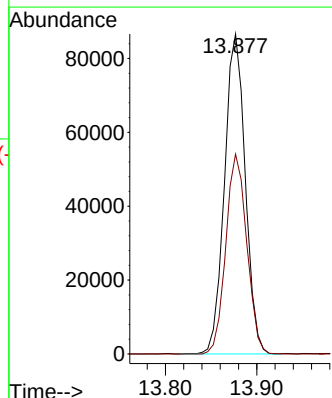
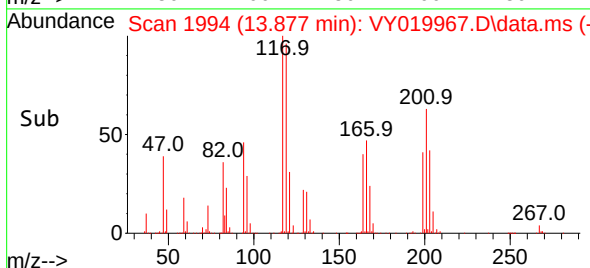
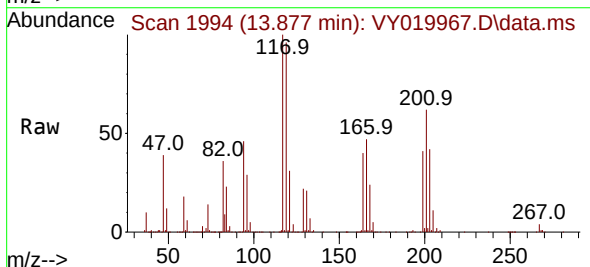


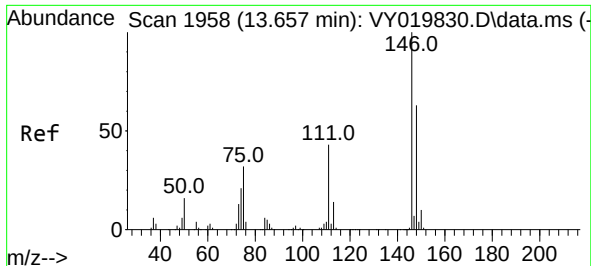
Tgt Ion: 91 Resp: 672687
Ion Ratio Lower Upper
91 100
92 52.8 26.6 79.7
134 23.6 12.9 38.7



#90
Hexachloroethane
Concen: 56.599 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. -0.006 min
Lab File: VY019967.D
Acq: 21 Oct 2024 16:54

Tgt Ion: 117 Resp: 136865
Ion Ratio Lower Upper
117 100
201 63.0 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 55.863 ug/l

RT: 13.657 min Scan# 1958

Delta R.T. 0.000 min

Lab File: VY019967.D

Acq: 21 Oct 2024 16:54

Instrument :

MSVOA_Y

ClientSampleId :

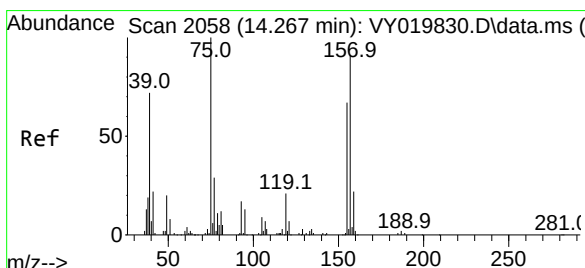
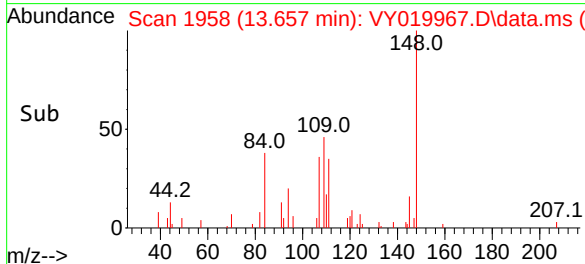
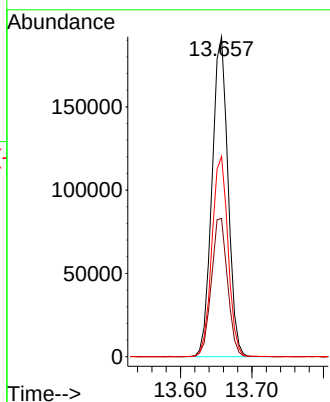
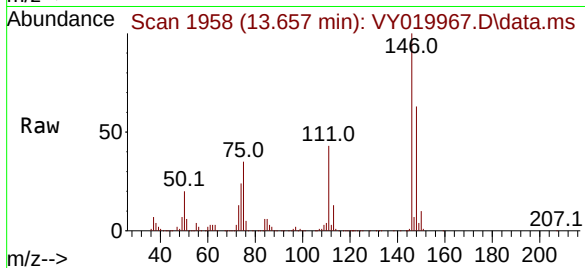
Tgt Ion:146 Resp: 297605

Ion Ratio Lower Upper

146 100

111 43.9 19.9 59.7

148 63.2 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 55.145 ug/l

RT: 14.267 min Scan# 2058

Delta R.T. -0.006 min

Lab File: VY019967.D

Acq: 21 Oct 2024 16:54

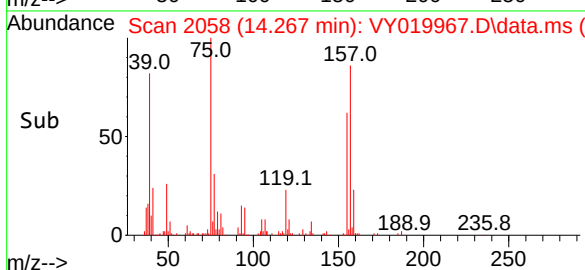
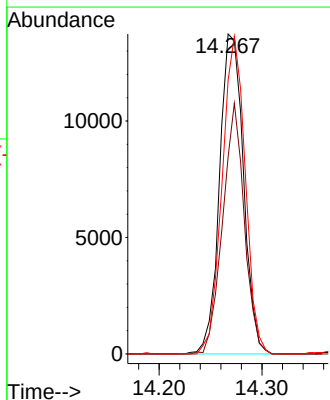
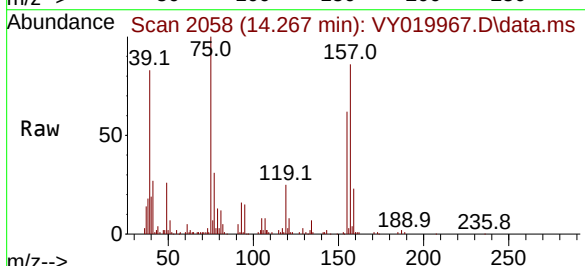
Tgt Ion: 75 Resp: 22125

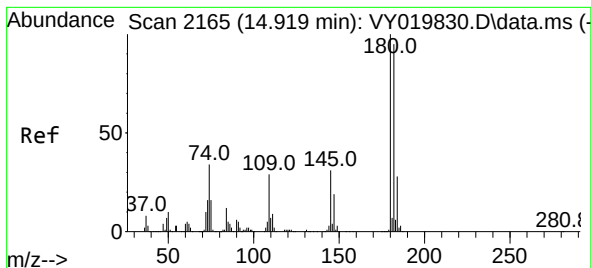
Ion Ratio Lower Upper

75 100

155 71.0 48.6 145.8

157 96.2 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 50.584 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY019967.D

Acq: 21 Oct 2024 16:54

Instrument :

MSVOA_Y

ClientSampleId :

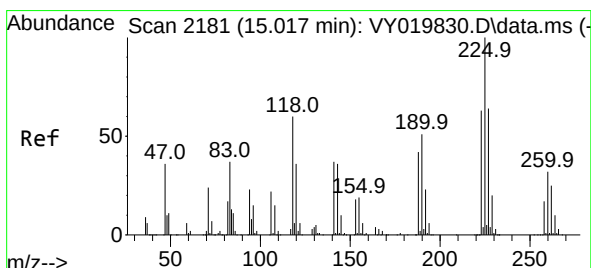
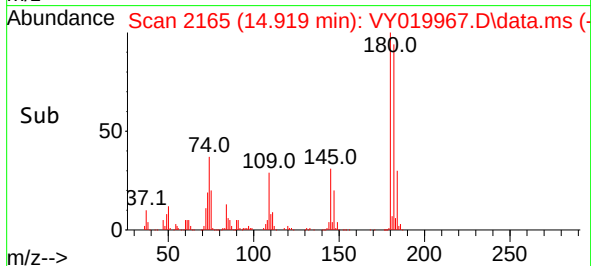
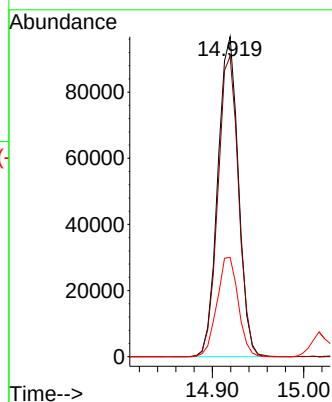
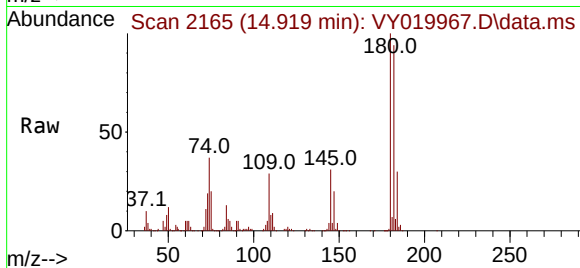
Tgt Ion:180 Resp: 151105

Ion Ratio Lower Upper

180 100

182 94.6 47.9 143.8

145 32.1 14.2 42.6



#94

Hexachlorobutadiene

Concen: 49.079 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY019967.D

Acq: 21 Oct 2024 16:54

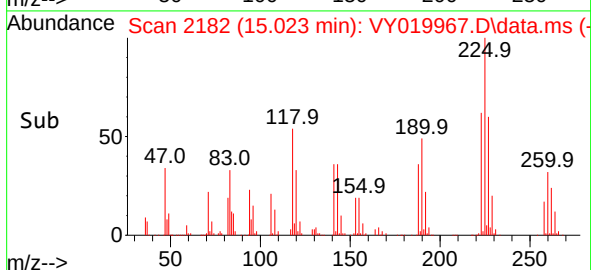
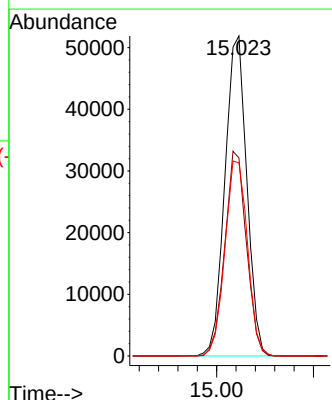
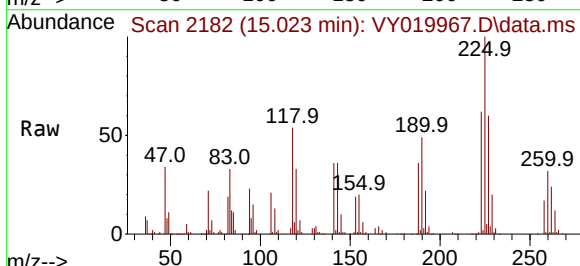
Tgt Ion:225 Resp: 81510

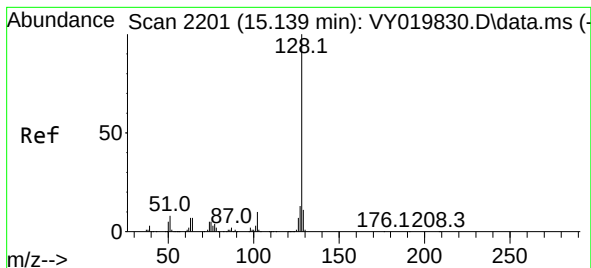
Ion Ratio Lower Upper

225 100

223 63.2 30.4 91.2

227 63.0 31.9 95.9





#95

Naphthalene

Concen: 54.808 ug/l

RT: 15.139 min Scan# 2201

Delta R.T. -0.006 min

Lab File: VY019967.D

Acq: 21 Oct 2024 16:54

Instrument :

MSVOA_Y

ClientSampleId :

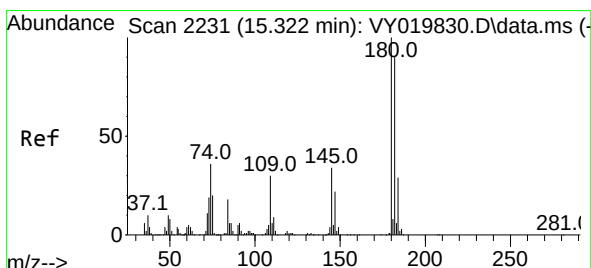
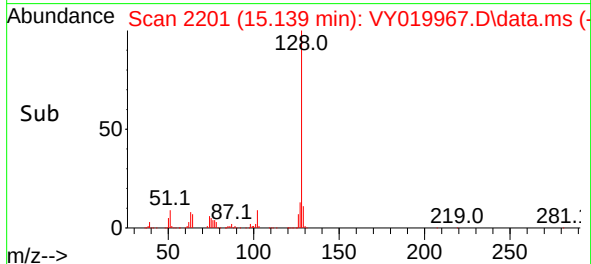
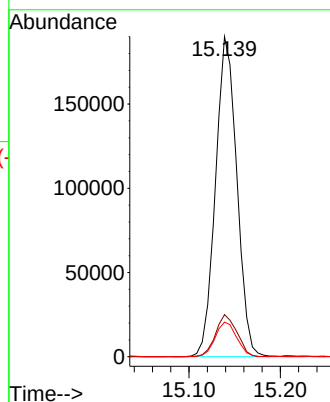
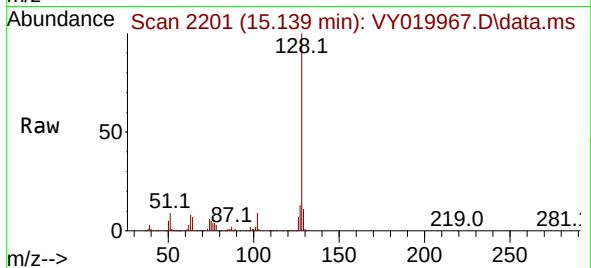
Tgt Ion:128 Resp: 308794

Ion Ratio Lower Upper

128 100

127 13.2 10.6 16.0

129 11.0 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 51.186 ug/l

RT: 15.322 min Scan# 2231

Delta R.T. -0.006 min

Lab File: VY019967.D

Acq: 21 Oct 2024 16:54

Tgt Ion:180 Resp: 129255

Ion Ratio Lower Upper

180 100

182 94.0 47.6 142.9

145 34.9 15.4 46.1

