

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101024\
 Data File : VY019846.D
 Acq On : 10 Oct 2024 10:36
 Operator : SY/MD
 Sample : VY1010SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 11 01:37:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 10 05:30:07 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	363313	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	629960	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	538617	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	260625	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	227023	50.749	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.500%	
35) Dibromofluoromethane	7.640	113	215170	51.760	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.520%	
50) Toluene-d8	10.109	98	790467	51.492	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.980%	
62) 4-Bromofluorobenzene	12.402	95	282510	50.931	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 101.860%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.867	85	67158	19.857	ug/l	98
3) Chloromethane	2.074	50	87639	19.909	ug/l	99
4) Vinyl Chloride	2.208	62	94793	19.569	ug/l	99
5) Bromomethane	2.598	94	59875	19.528	ug/l	99
6) Chloroethane	2.739	64	63038	19.371	ug/l	98
7) Trichlorofluoromethane	3.062	101	138889	19.269	ug/l	100
8) Diethyl Ether	3.464	74	42587	19.441	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.818	101	85230	20.329	ug/l	99
10) Methyl Iodide	4.013	142	77390	18.251	ug/l	98
11) Tert butyl alcohol	4.866	59	41115	103.133	ug/l #	88
12) 1,1-Dichloroethene	3.793	96	74213	19.041	ug/l	94
13) Acrolein	3.659	56	38346	116.656	ug/l	99
14) Allyl chloride	4.391	41	137188	19.508	ug/l	99
15) Acrylonitrile	5.067	53	99702	99.505	ug/l	99
16) Acetone	3.873	43	116010	99.621	ug/l	99
17) Carbon Disulfide	4.110	76	188917	18.083	ug/l	98
18) Methyl Acetate	4.397	43	46595	18.574	ug/l	100
19) Methyl tert-butyl Ether	5.122	73	218547	19.517	ug/l	100
20) Methylene Chloride	4.616	84	89632	19.072	ug/l	96
21) trans-1,2-Dichloroethene	5.122	96	81264	19.157	ug/l	97
22) Diisopropyl ether	6.025	45	304547	19.882	ug/l	98
23) Vinyl Acetate	5.964	43	866243	98.643	ug/l	99
24) 1,1-Dichloroethane	5.915	63	168973	19.844	ug/l	98
25) 2-Butanone	6.896	43	156467	100.381	ug/l	99
26) 2,2-Dichloropropane	6.890	77	150367	19.829	ug/l	98
27) cis-1,2-Dichloroethene	6.896	96	103830	19.806	ug/l	98
28) Bromochloromethane	7.250	49	75654	20.186	ug/l	99
29) Tetrahydrofuran	7.268	42	87165	97.938	ug/l	100
30) Chloroform	7.427	83	174337	20.085	ug/l	97
31) Cyclohexane	7.701	56	143229	19.162	ug/l	95
32) 1,1,1-Trichloroethane	7.616	97	150260	19.753	ug/l	100
36) 1,1-Dichloropropene	7.835	75	119414	19.939	ug/l	99
37) Ethyl Acetate	6.988	43	62852	20.126	ug/l	98
38) Carbon Tetrachloride	7.823	117	128058	19.946	ug/l	98
39) Methylcyclohexane	9.109	83	146462	19.409	ug/l	99
40) Benzene	8.085	78	358260	19.766	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	29218	17.287	ug/l #	80
42) 1,2-Dichloroethane	8.164	62	104110	19.994	ug/l	100
43) Isopropyl Acetate	8.201	43	125679	19.734	ug/l #	88
44) Trichloroethene	8.866	130	85620	19.504	ug/l	99
45) 1,2-Dichloropropane	9.146	63	89746	19.783	ug/l	99
46) Dibromomethane	9.237	93	48124	19.416	ug/l	98
47) Bromodichloromethane	9.426	83	131416	19.975	ug/l	94
48) Methyl methacrylate	9.219	41	56268	20.085	ug/l	98
49) 1,4-Dioxane	9.225	88	9932	358.022	ug/l	88
51) 4-Methyl-2-Pentanone	10.000	43	327123	100.700	ug/l	99
52) Toluene	10.170	92	224799	19.869	ug/l	100
53) t-1,3-Dichloropropene	10.390	75	112628	19.027	ug/l	97
54) cis-1,3-Dichloropropene	9.859	75	134988	19.326	ug/l	96
55) 1,1,2-Trichloroethane	10.573	97	65799	20.149	ug/l	96
56) Ethyl methacrylate	10.438	69	91815	19.594	ug/l	99
57) 1,3-Dichloropropane	10.719	76	113355	19.766	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	204402	93.703	ug/l	98
59) 2-Hexanone	10.762	43	236588	101.970	ug/l	99
60) Dibromochloromethane	10.908	129	79887	19.060	ug/l	98
61) 1,2-Dibromoethane	11.012	107	56456	19.131	ug/l	95
64) Tetrachloroethene	10.646	164	74108	19.344	ug/l	96
65) Chlorobenzene	11.438	112	244648	19.859	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.511	131	81598	19.577	ug/l	100
67) Ethyl Benzene	11.518	91	447089	19.978	ug/l	98
68) m/p-Xylenes	11.627	106	326082	39.453	ug/l	99
69) o-Xylene	11.950	106	155111	19.533	ug/l	99
70) Styrene	11.969	104	268239	20.021	ug/l	100
71) Bromoform	12.127	173	42143	18.887	ug/l #	100
73) Isopropylbenzene	12.255	105	428335	19.539	ug/l	99
74) N-amyl acetate	12.066	43	112099	19.307	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	79193	20.330	ug/l	97
76) 1,2,3-Trichloropropane	12.554	75	97090	35.776	ug/l #	100
77) Bromobenzene	12.530	156	87521	18.814	ug/l	97
78) n-propylbenzene	12.591	91	528746	19.961	ug/l	99
79) 2-Chlorotoluene	12.676	91	300264	19.773	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	349690	19.752	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	23515	18.590	ug/l	98
82) 4-Chlorotoluene	12.773	91	305309	19.662	ug/l	100
83) tert-Butylbenzene	12.993	119	309074	19.488	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	343862	19.590	ug/l	100
85) sec-Butylbenzene	13.176	105	472558	19.942	ug/l	100
86) p-Isopropyltoluene	13.292	119	383338	19.922	ug/l	99
87) 1,3-Dichlorobenzene	13.286	146	181758	19.347	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	182405	19.764	ug/l	99
89) n-Butylbenzene	13.615	91	379207	20.183	ug/l	100
90) Hexachloroethane	13.877	117	72935	19.466	ug/l	97
91) 1,2-Dichlorobenzene	13.657	146	160795	19.480	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	12631	20.318	ug/l	88
93) 1,2,4-Trichlorobenzene	14.919	180	91833	19.841	ug/l	100
94) Hexachlorobutadiene	15.023	225	52796	20.517	ug/l	96
95) Naphthalene	15.139	128	171174	19.608	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	78183	19.982	ug/l	100

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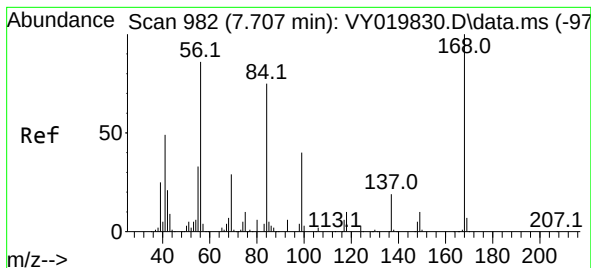
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.713 min Scan# 9

Delta R.T. 0.006 min

Lab File: VY019846.D

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Instrument :

MSVOA_Y

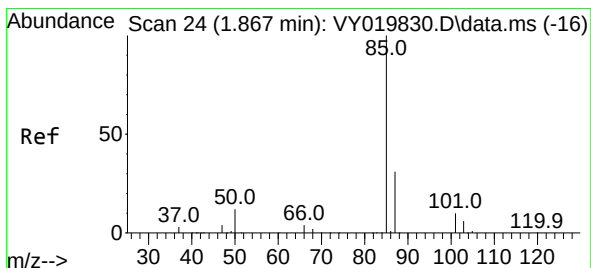
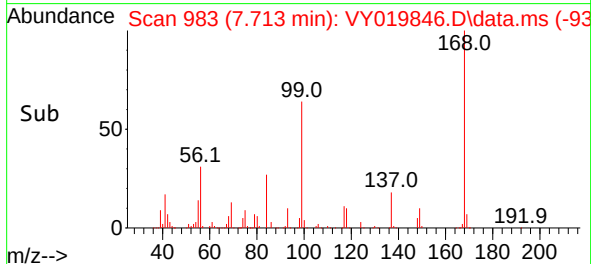
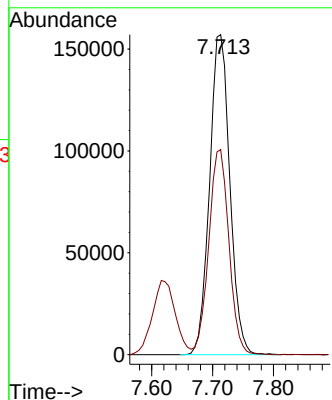
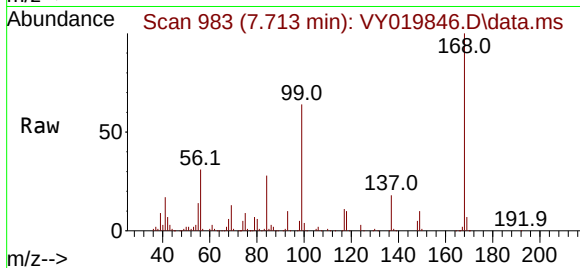
ClientSampleId :

Tgt Ion:168 Resp: 363313

Ion Ratio Lower Upper

168 100

99 64.1 52.6 78.8



#2

Dichlorodifluoromethane

Concen: 19.857 ug/l

RT: 1.867 min Scan# 24

Delta R.T. 0.000 min

Lab File: VY019846.D

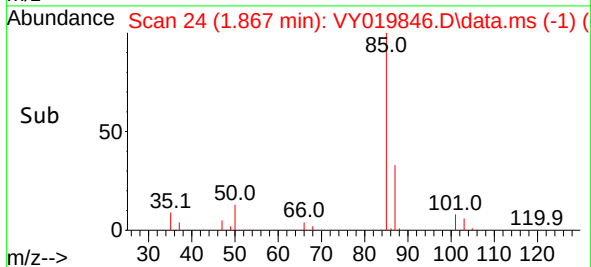
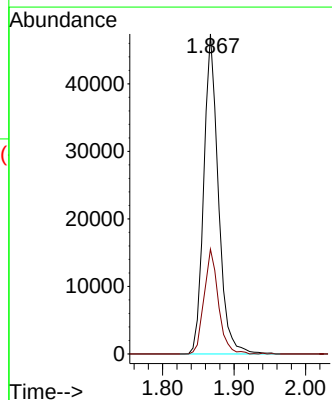
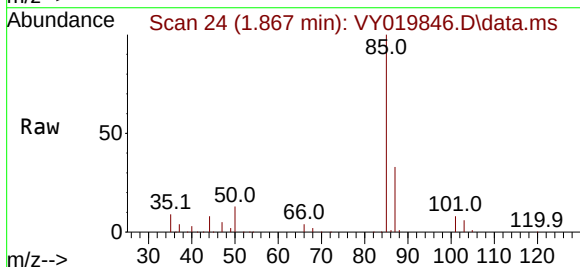
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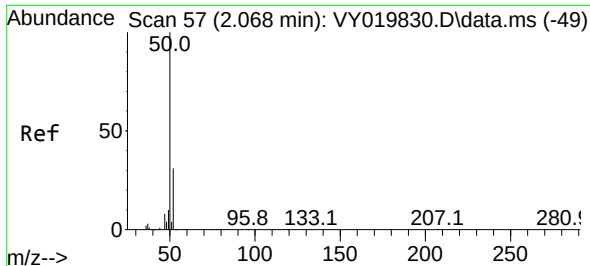
Tgt Ion: 85 Resp: 67158

Ion Ratio Lower Upper

85 100

87 32.7 15.7 47.1

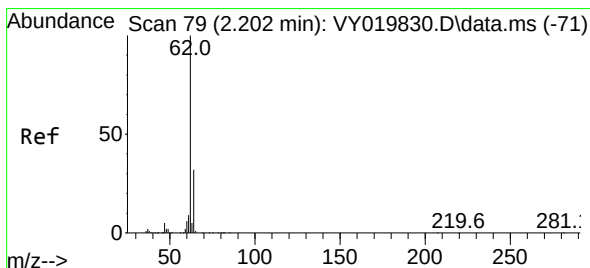
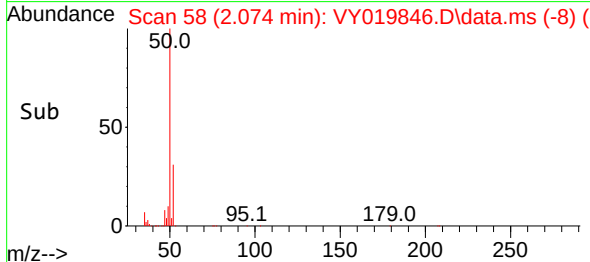
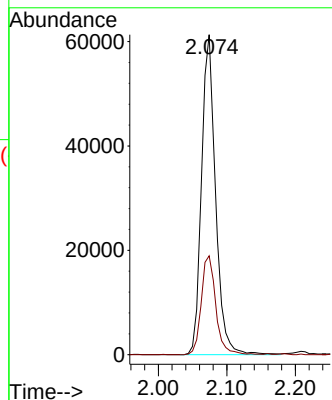
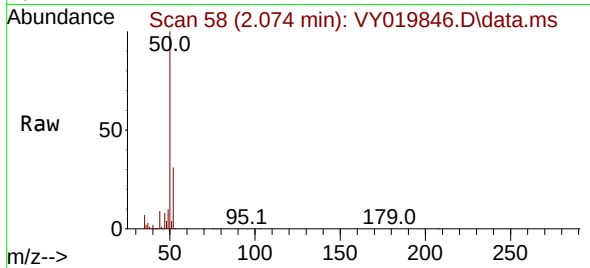




#3
Chloromethane
Concen: 19.909 ug/l
RT: 2.074 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY019846.D
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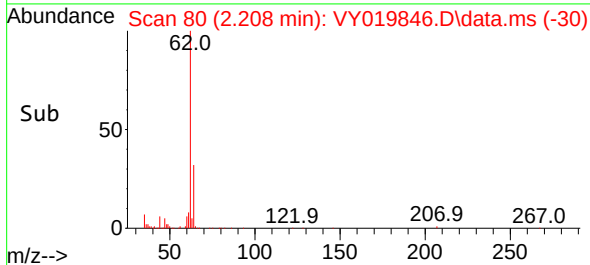
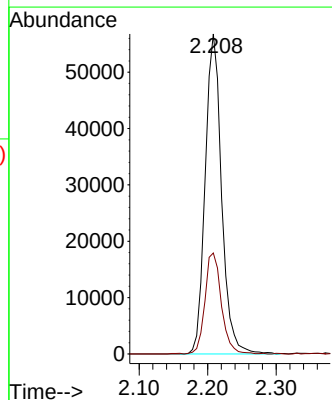
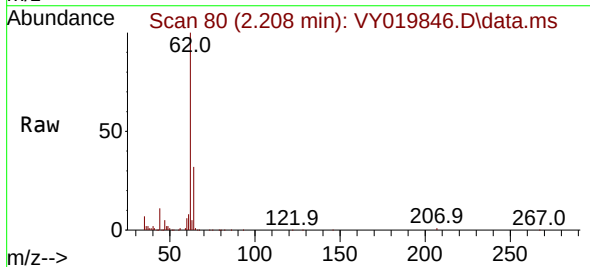
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MSVOA_Y
ClientSampleId :

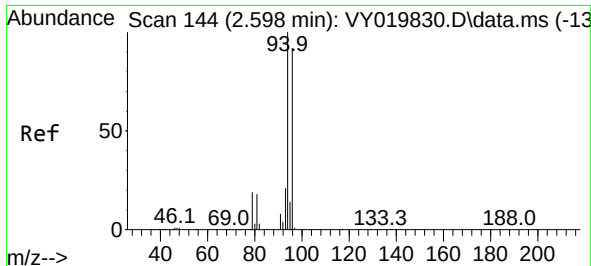
Tgt Ion: 50 Resp: 87639
Ion Ratio Lower Upper
50 100
52 30.9 25.1 37.7



#4
Vinyl Chloride
Concen: 19.569 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY019846.D
Acq: 10 Oct 2024 10:36

Tgt Ion: 62 Resp: 94793
Ion Ratio Lower Upper
62 100
64 31.4 25.6 38.4

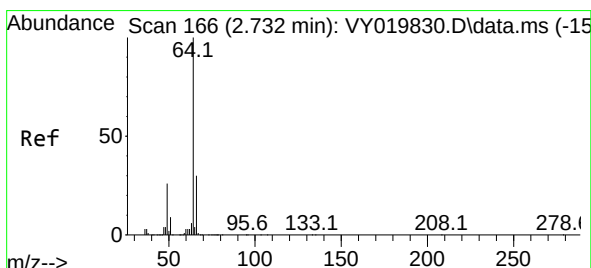
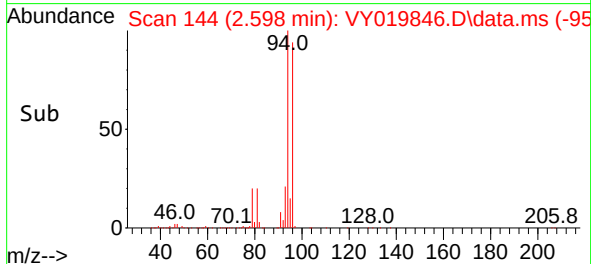
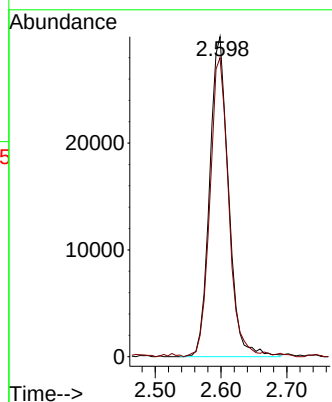
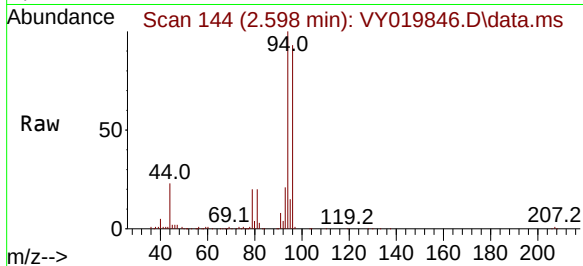




#5
Bromomethane
Concen: 19.528 ug/l
RT: 2.598 min Scan# 144
Delta R.T. 0.000 min
Lab File: VY019846.D
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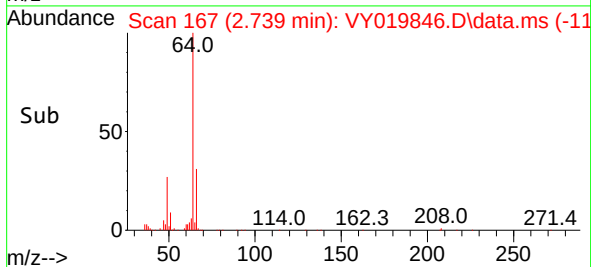
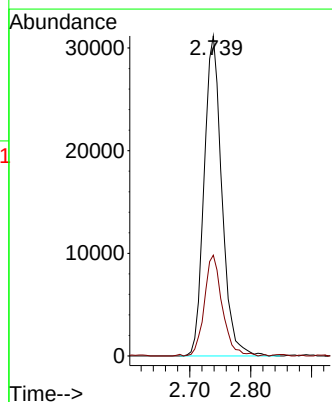
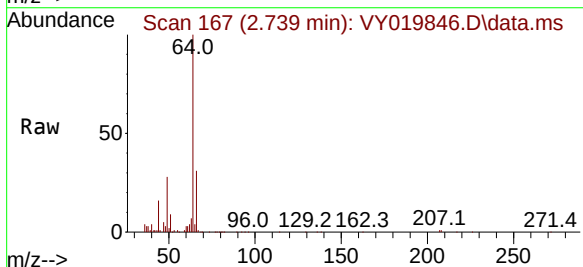
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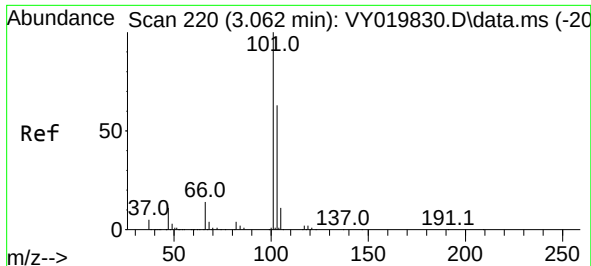
Tgt Ion: 94 Resp: 59875
Ion Ratio Lower Upper
94 100
96 93.0 73.6 110.4



#6
Chloroethane
Concen: 19.371 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.006 min
Lab File: VY019846.D
Acq: 10 Oct 2024 10:36

Tgt Ion: 64 Resp: 63038
Ion Ratio Lower Upper
64 100
66 31.0 24.2 36.2

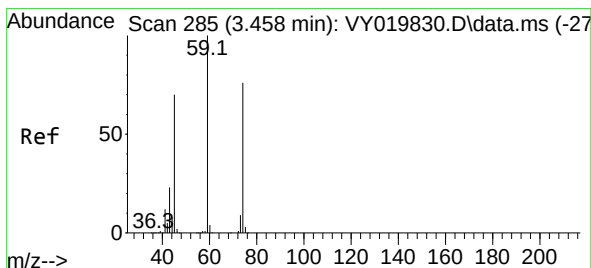
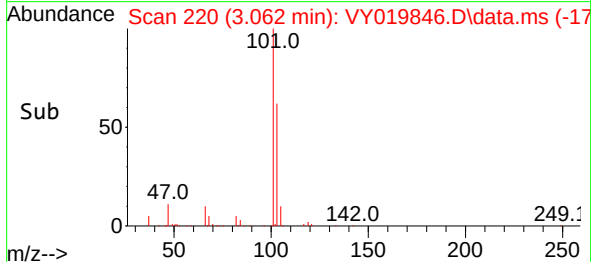
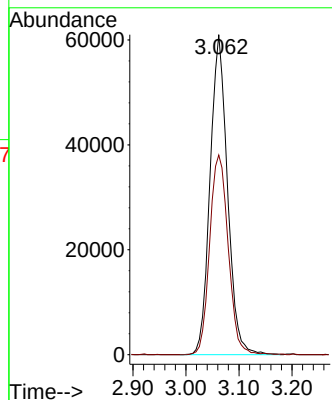
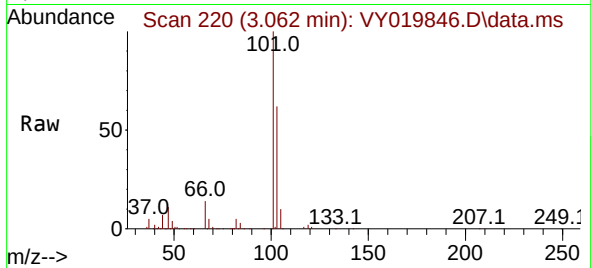




#7
 Trichlorofluoromethane
 Concen: 19.269 ug/l
 RT: 3.062 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VY019846.D
 Acq: 10 Oct 2024 10:36

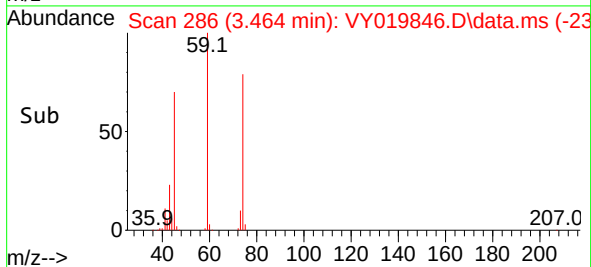
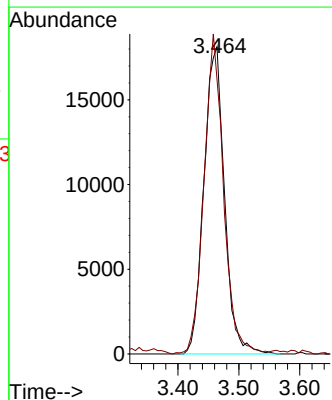
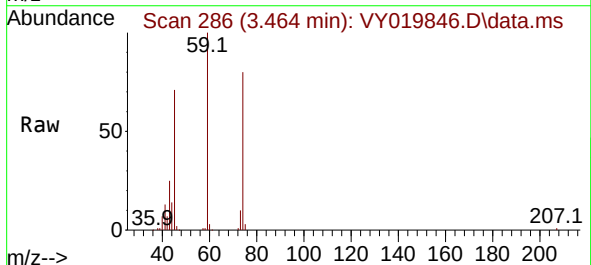
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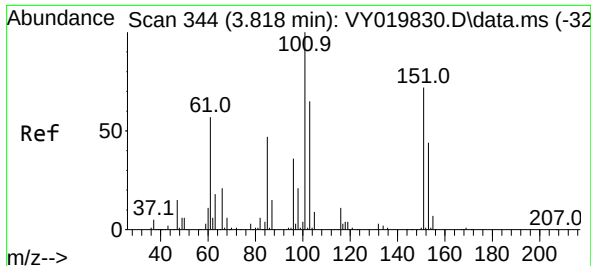
Tgt Ion:101 Resp: 138889
 Ion Ratio Lower Upper
 101 100
 103 62.4 50.1 75.1



#8
 Diethyl Ether
 Concen: 19.441 ug/l
 RT: 3.464 min Scan# 286
 Delta R.T. 0.006 min
 Lab File: VY019846.D
 Acq: 10 Oct 2024 10:36

Tgt Ion: 74 Resp: 42587
 Ion Ratio Lower Upper
 74 100
 45 99.0 49.9 149.6

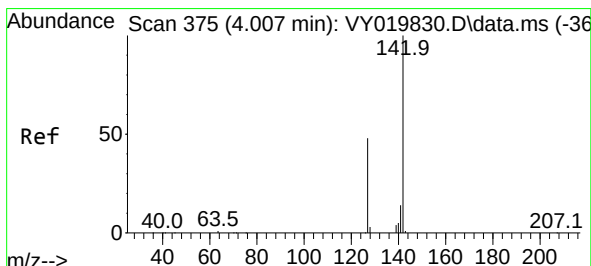
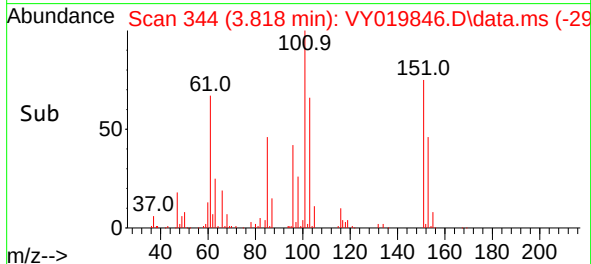
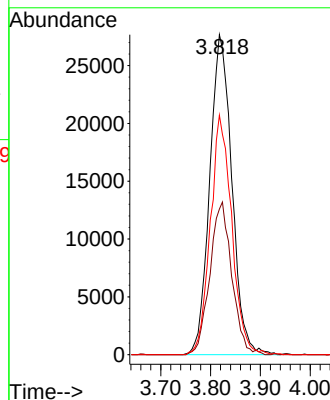
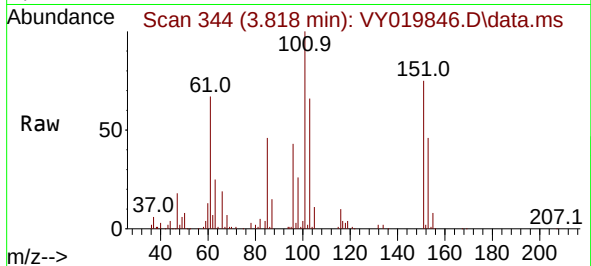




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.329 ug/l
RT: 3.818 min Scan# 344
Delta R.T. 0.000 min
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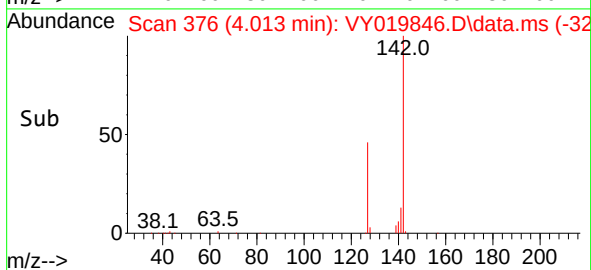
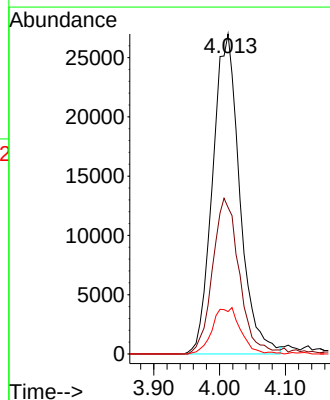
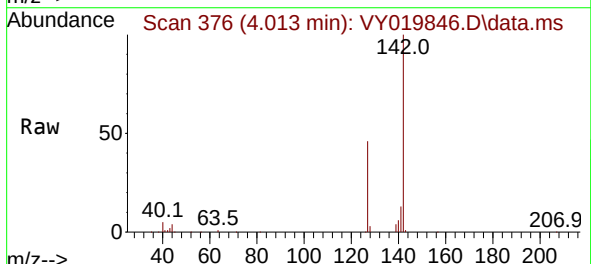
Instrument :
MSVOA_Y
ClientSampleId :

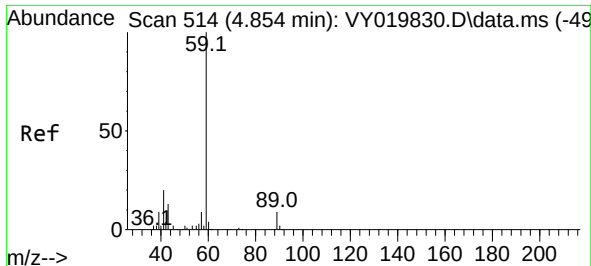
Tgt Ion	Ratio	Lower	Upper
101	100		
85	47.3	37.9	56.9
151	72.7	57.0	85.6



#10
Methyl Iodide
Concen: 18.251 ug/l
RT: 4.013 min Scan# 376
Delta R.T. 0.006 min
Lab File: VY019846.D
Acq: 10 Oct 2024 10:36

Tgt Ion	Ratio	Lower	Upper
142	100		
127	47.9	39.4	59.2
141	15.1	11.7	17.5

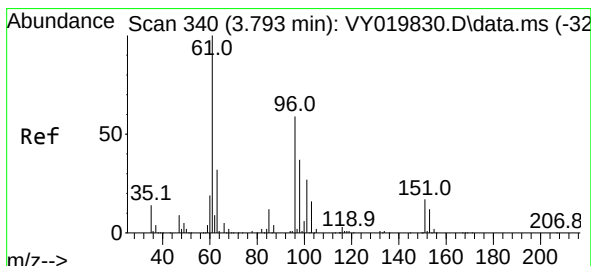
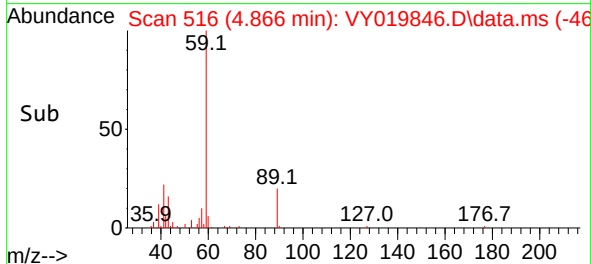
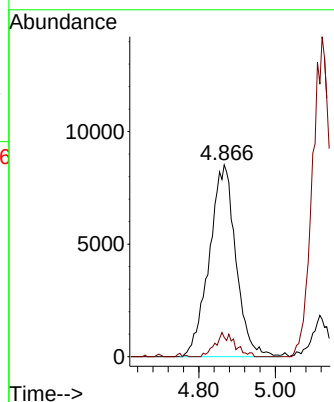
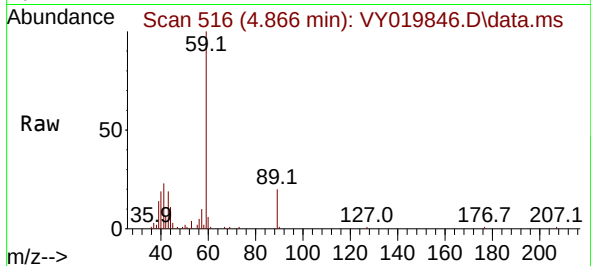




#11
Tert butyl alcohol
Concen: 103.133 ug/l
RT: 4.866 min Scan# 514
Delta R.T. 0.012 min
Lab File: VY019846.D
Acq: 10 Oct 2024 10:36

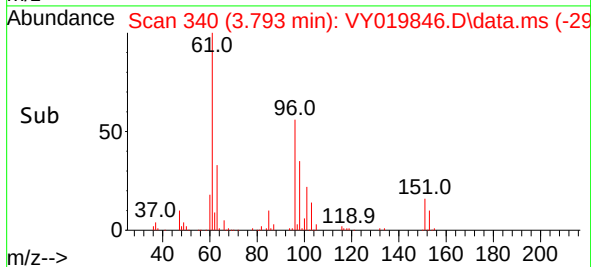
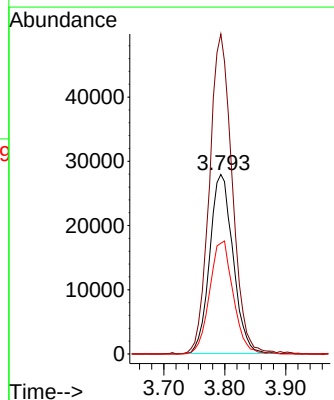
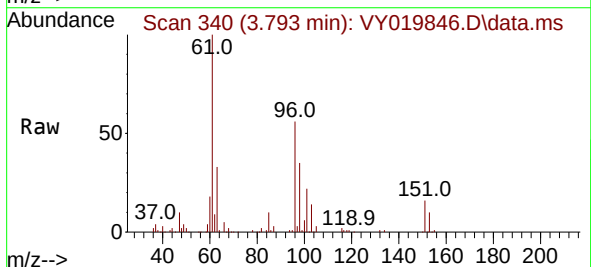
Instrument :
MSVOA_Y
ClientSampleId :

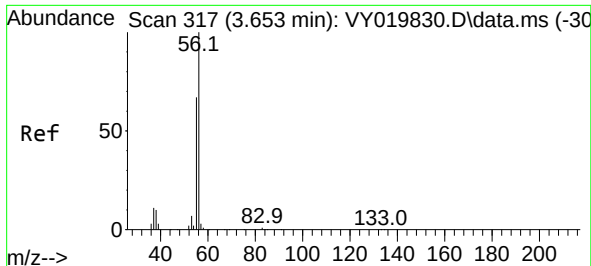
Tgt Ion: 59 Resp: 41115
Ion Ratio Lower Upper
59 100
57 5.2 7.7 11.5#



#12
1,1-Dichloroethene
Concen: 19.041 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.000 min
Lab File: VY019846.D
Acq: 10 Oct 2024 10:36

Tgt Ion: 96 Resp: 74213
Ion Ratio Lower Upper
96 100
61 178.7 134.9 202.3
98 61.8 50.2 75.4





#13

Acrolein

Concen: 116.656 ug/l

RT: 3.659 min Scan# 317

Delta R.T. 0.006 min

Lab File: VY019846.D

Acq: 10 Oct 2024 10:36

Instrument :

MSVOA_Y

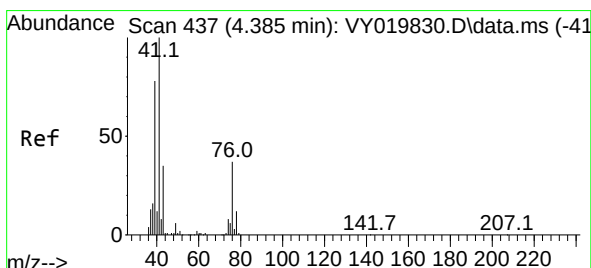
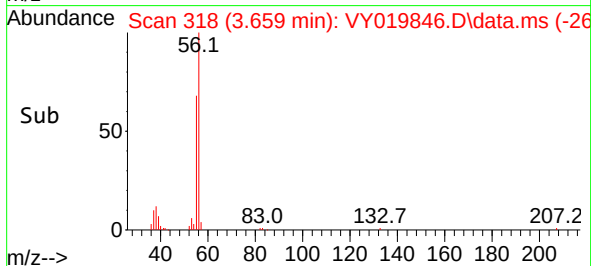
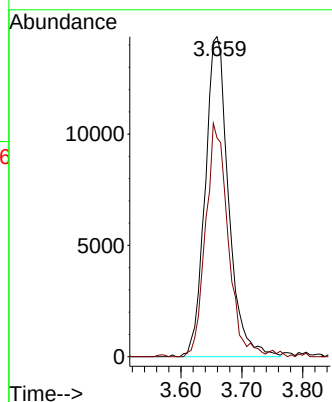
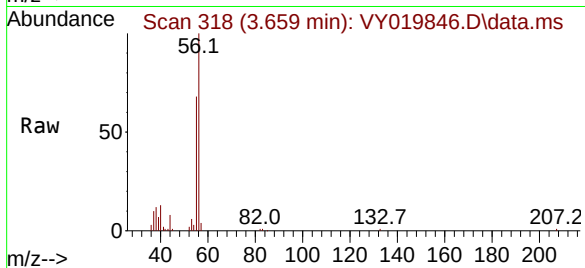
ClientSampleId :

Tgt Ion: 56 Resp: 38346

Ion Ratio Lower Upper

56 100

55 69.9 56.9 85.3



#14

Allyl chloride

Concen: 19.508 ug/l

RT: 4.391 min Scan# 438

Delta R.T. 0.006 min

Lab File: VY019846.D

Acq: 10 Oct 2024 10:36

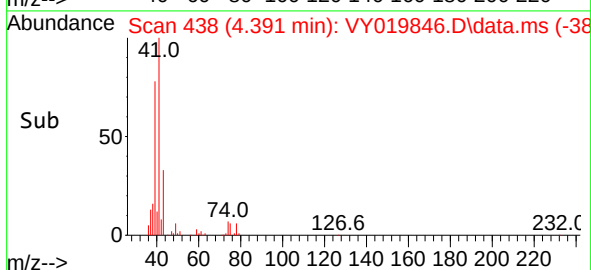
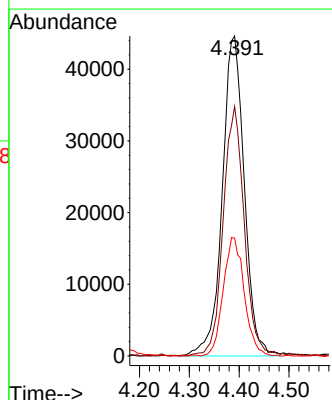
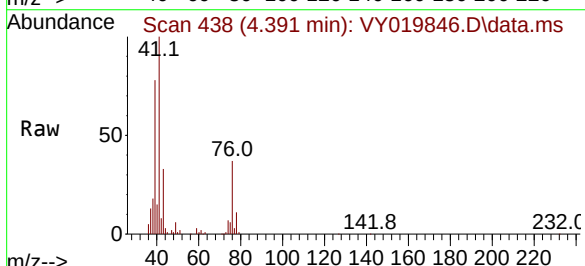
Tgt Ion: 41 Resp: 137188

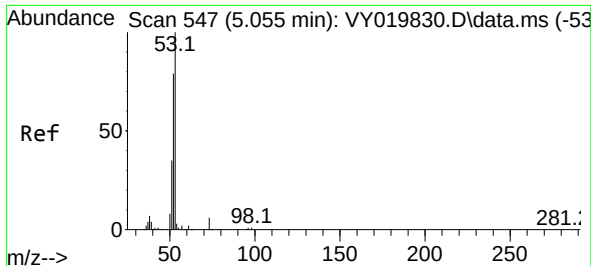
Ion Ratio Lower Upper

41 100

39 74.6 59.1 88.7

76 35.3 28.6 42.8

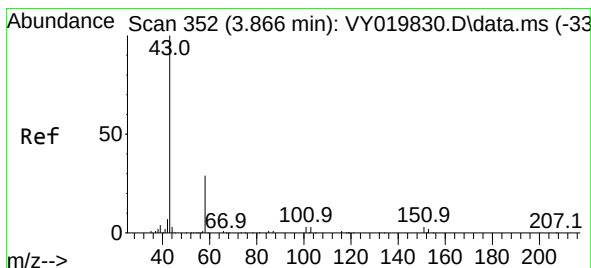
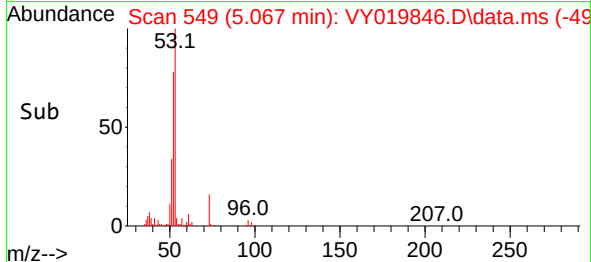
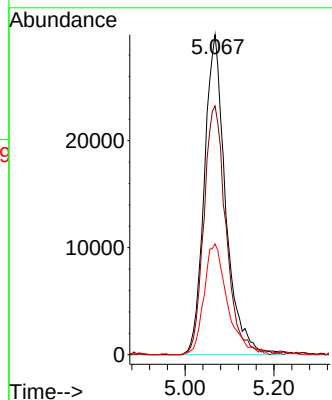
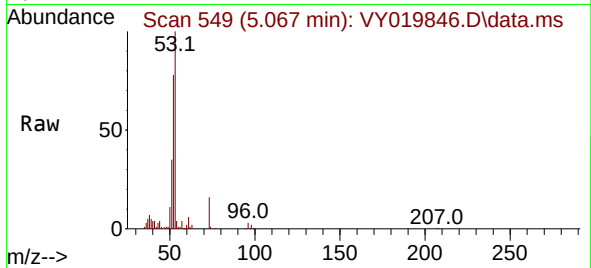




#15
Acrylonitrile
Concen: 99.505 ug/l
RT: 5.067 min Scan# 54
Delta R.T. 0.012 min
Lab File: VY019846.D
Acq: 10 Oct 2024 10:36

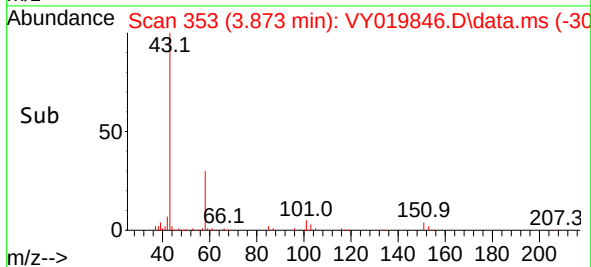
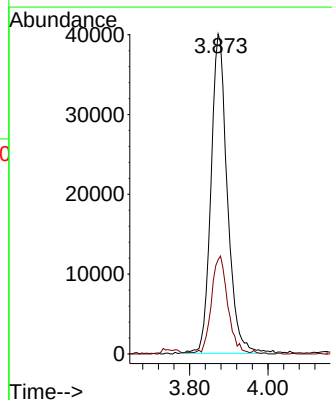
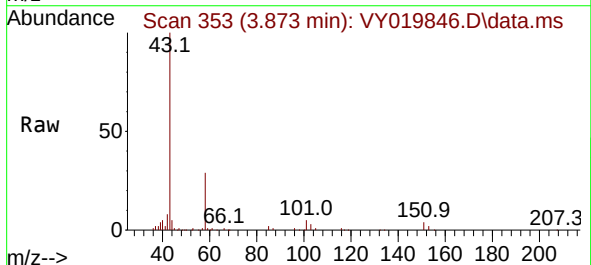
Instrument :
MSVOA_Y
ClientSampleId :

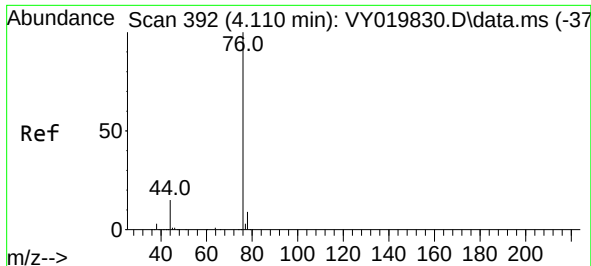
Tgt Ion: 53 Resp: 99702
Ion Ratio Lower Upper
53 100
52 80.4 65.0 97.6
51 38.1 29.9 44.9



#16
Acetone
Concen: 99.621 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.006 min
Lab File: VY019846.D
Acq: 10 Oct 2024 10:36

Tgt Ion: 43 Resp: 116010
Ion Ratio Lower Upper
43 100
58 29.3 23.8 35.6

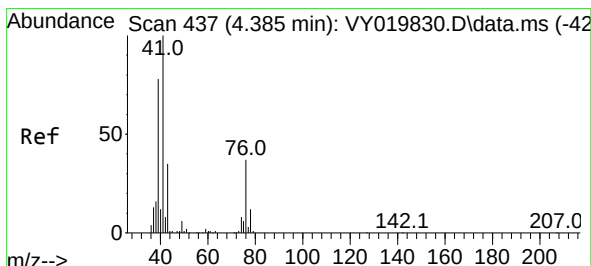
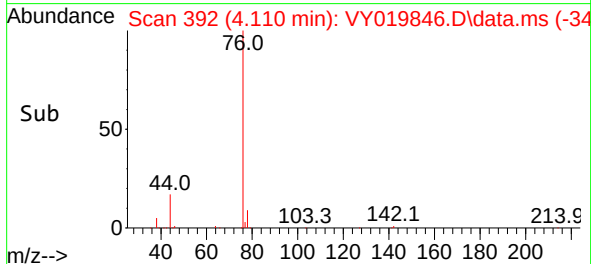
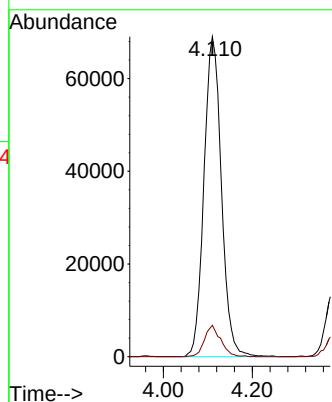
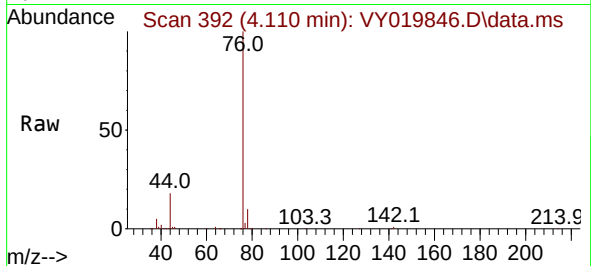




#17
Carbon Disulfide
Concen: 18.083 ug/l
RT: 4.110 min Scan# 392
Delta R.T. 0.000 min
Lab File: VY019846.D
Acq: 10 Oct 2024 10:36

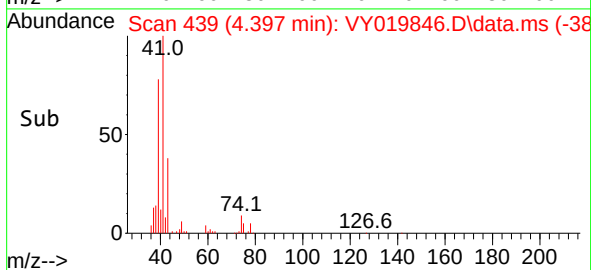
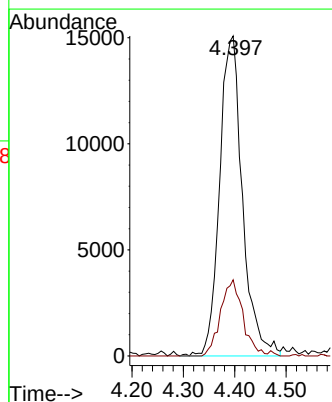
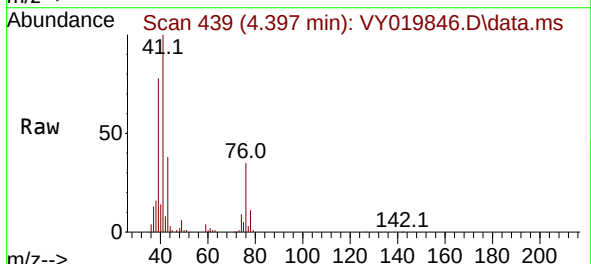
Instrument :
MSVOA_Y
ClientSampleId :

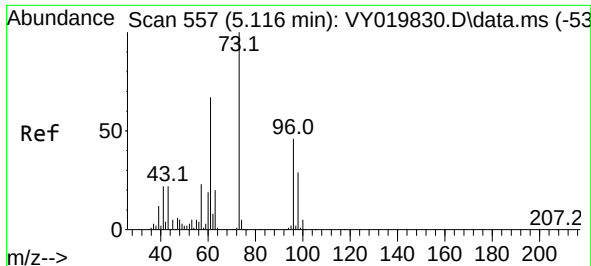
Tgt Ion: 76 Resp: 188917
Ion Ratio Lower Upper
76 100
78 9.8 7.3 10.9



#18
Methyl Acetate
Concen: 18.574 ug/l
RT: 4.397 min Scan# 439
Delta R.T. 0.012 min
Lab File: VY019846.D
Acq: 10 Oct 2024 10:36

Tgt Ion: 43 Resp: 46595
Ion Ratio Lower Upper
43 100
74 23.3 18.6 28.0





#19

Methyl tert-butyl Ether

Concen: 19.517 ug/l

RT: 5.122 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY019846.D

Acq: 10 Oct 2024 10:36

Instrument :

MSVOA_Y

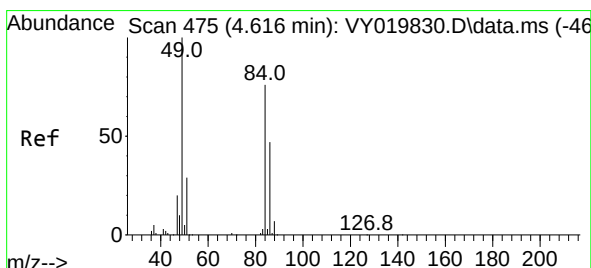
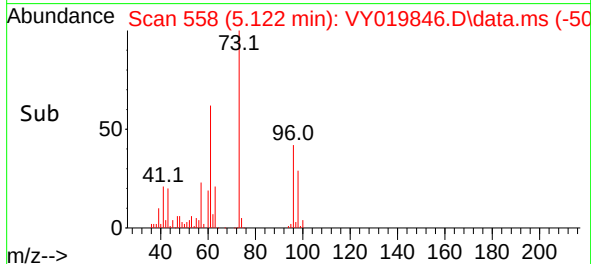
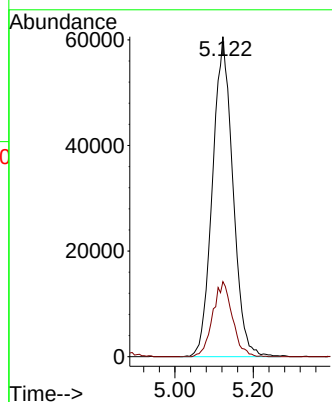
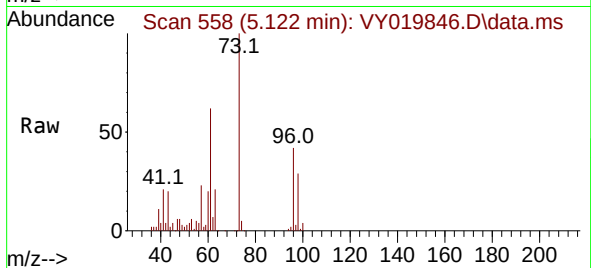
ClientSampleId :

Tgt Ion: 73 Resp: 218547

Ion Ratio Lower Upper

73 100

57 23.5 18.6 28.0



#20

Methylene Chloride

Concen: 19.072 ug/l

RT: 4.616 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY019846.D

Acq: 10 Oct 2024 10:36

Tgt Ion: 84 Resp: 89632

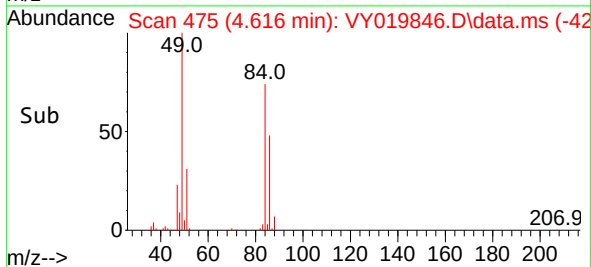
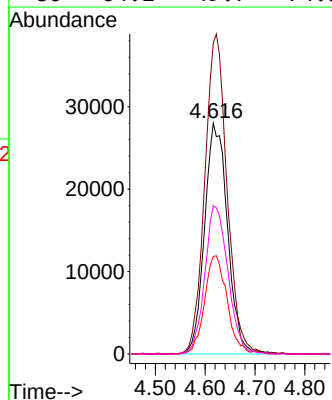
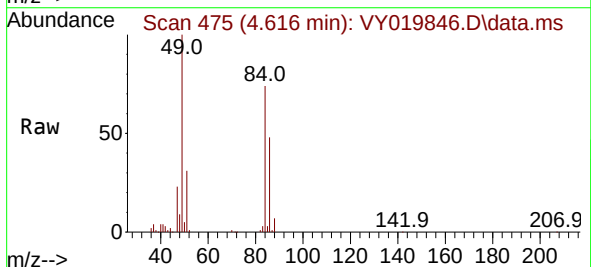
Ion Ratio Lower Upper

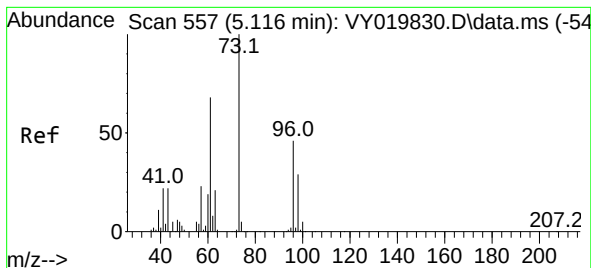
84 100

49 134.6 104.8 157.2

51 41.9 30.4 45.6

86 64.2 49.7 74.5





#21

trans-1,2-Dichloroethene

Concen: 19.157 ug/l

RT: 5.122 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY019846.D

Acq: 10 Oct 2024 10:36

Instrument :

MSVOA_Y

ClientSampleId :

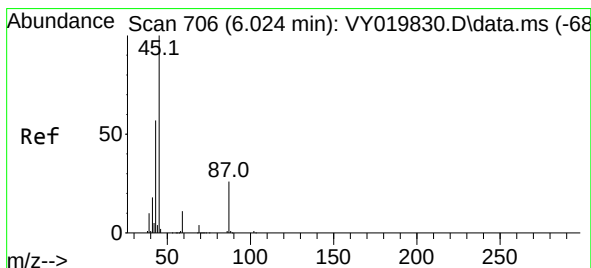
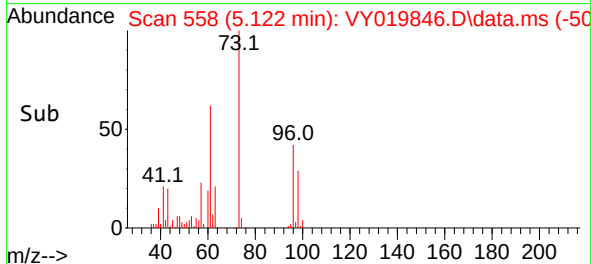
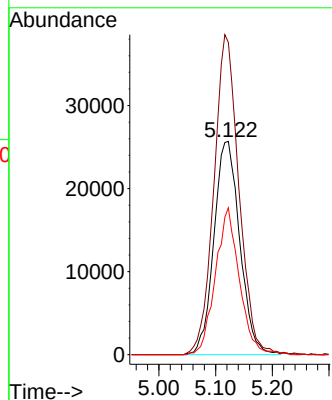
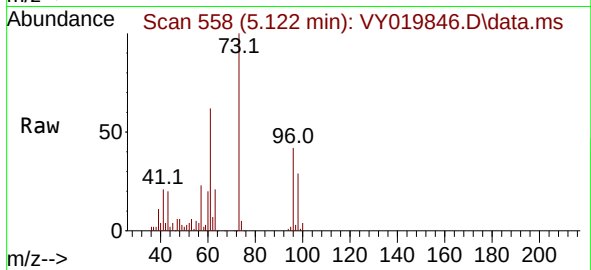
Tgt Ion: 96 Resp: 81264

Ion Ratio Lower Upper

96 100

61 146.4 117.9 176.9

98 68.8 51.0 76.4



#22

Diisopropyl ether

Concen: 19.882 ug/l

RT: 6.025 min Scan# 706

Delta R.T. 0.000 min

Lab File: VY019846.D

Acq: 10 Oct 2024 10:36

Tgt Ion: 45 Resp: 304547

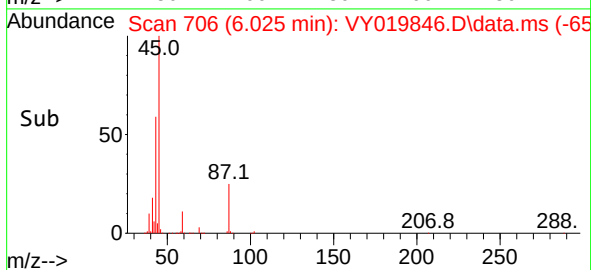
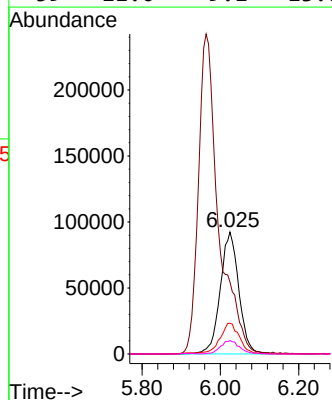
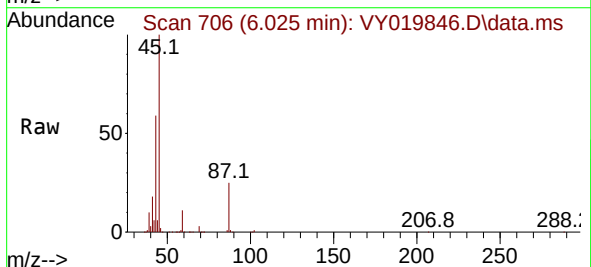
Ion Ratio Lower Upper

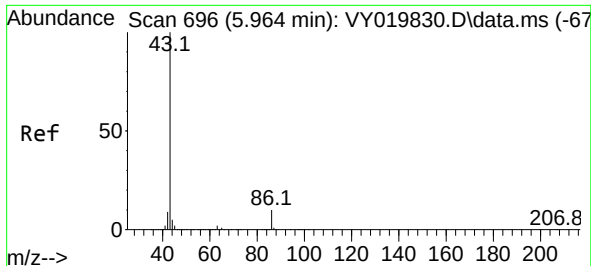
45 100

43 58.8 45.4 68.0

87 25.2 21.1 31.7

59 11.0 9.1 13.7



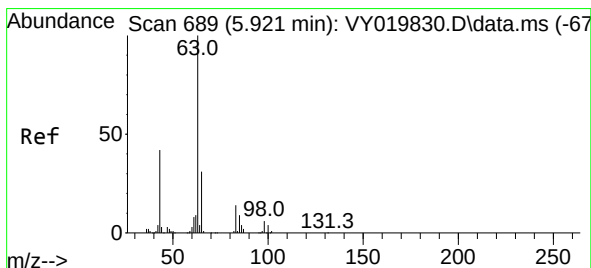
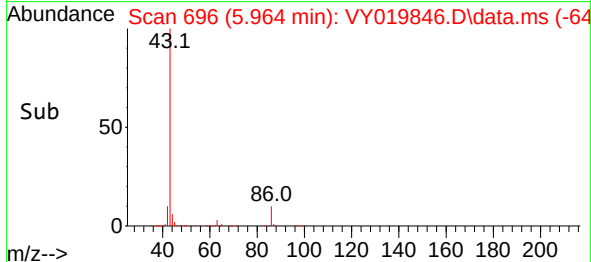
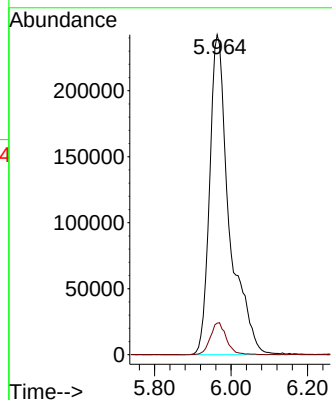
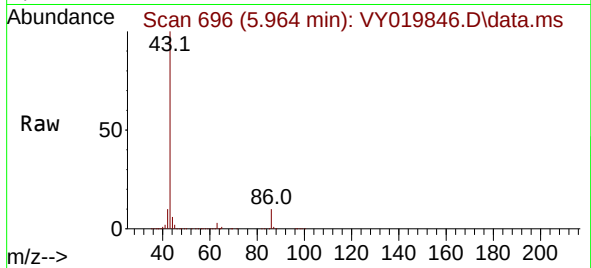


#23
 Vinyl Acetate
 Concen: 98.643 ug/l
 RT: 5.964 min Scan# 696
 Delta R.T. 0.000 min
 Lab File: VY019846.D
 Acq: 10 Oct 2024 10:36

Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion: 43 Resp: 866243

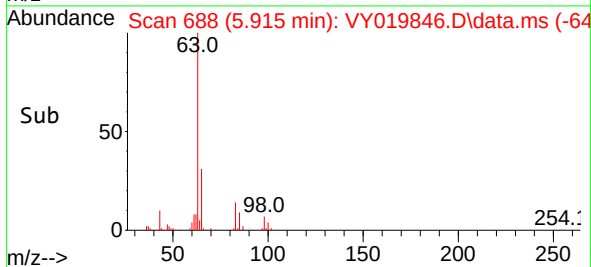
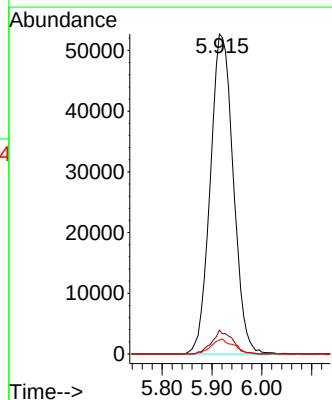
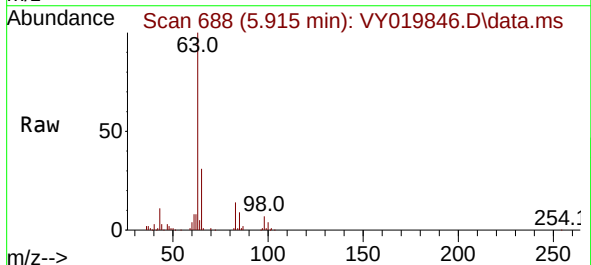
Ion	Ratio	Lower	Upper
43	100		
86	9.9	8.2	12.2

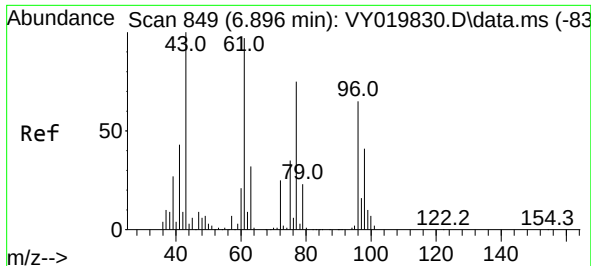


#24
 1,1-Dichloroethane
 Concen: 19.844 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. -0.006 min
 Lab File: VY019846.D
 Acq: 10 Oct 2024 10:36

Tgt Ion: 63 Resp: 168973

Ion	Ratio	Lower	Upper
63	100		
98	7.4	3.2	9.6
100	4.3	2.2	6.6





#25

2-Butanone

Concen: 100.381 ug/l

RT: 6.896 min Scan# 849

Delta R.T. 0.000 min

Lab File: VY019846.D

Acq: 10 Oct 2024 10:36

Instrument :

MSVOA_Y

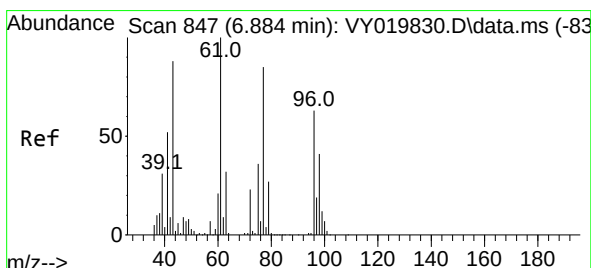
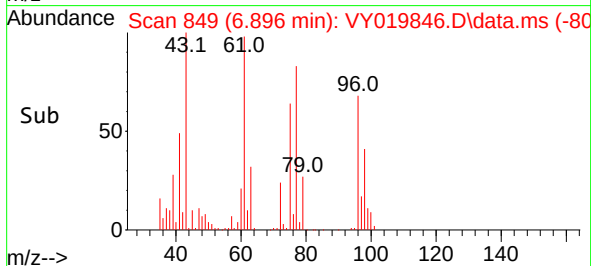
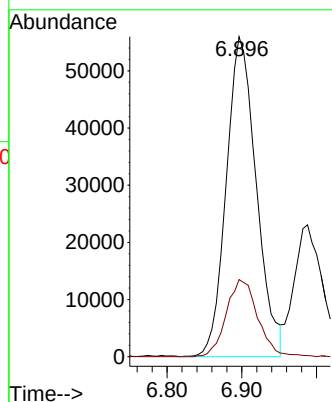
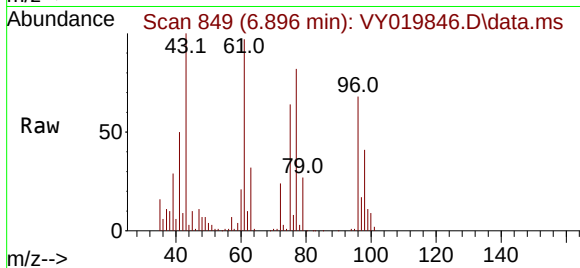
ClientSampleId :

Tgt Ion: 43 Resp: 156467

Ion Ratio Lower Upper

43 100

72 24.1 19.8 29.6



#26

2,2-Dichloropropane

Concen: 19.829 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.006 min

Lab File: VY019846.D

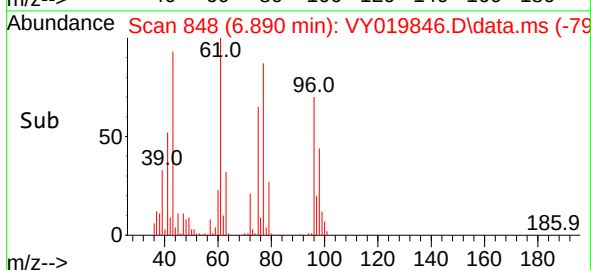
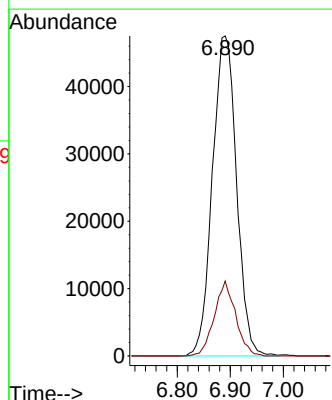
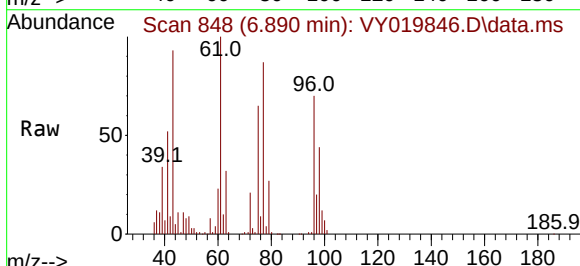
Acq: 10 Oct 2024 10:36

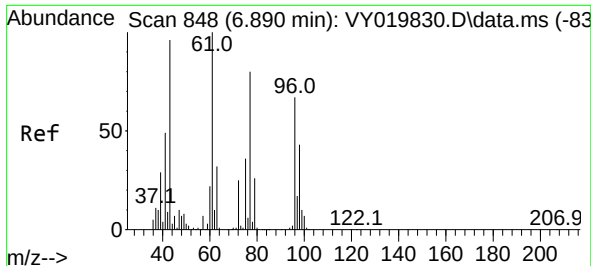
Tgt Ion: 77 Resp: 150367

Ion Ratio Lower Upper

77 100

97 20.7 10.9 32.6





#27

cis-1,2-Dichloroethene

Concen: 19.806 ug/l

RT: 6.896 min Scan# 84

Delta R.T. 0.006 min

Lab File: VY019846.D

Acq: 10 Oct 2024 10:36

Instrument :

MSVOA_Y

ClientSampleId :

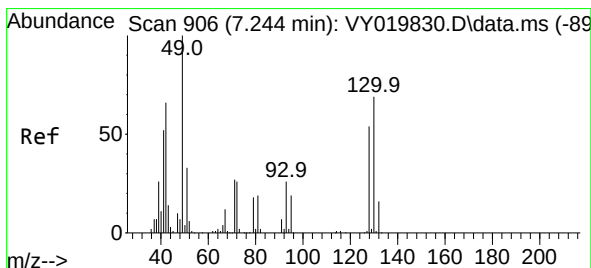
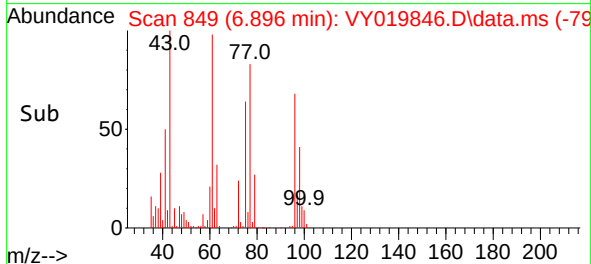
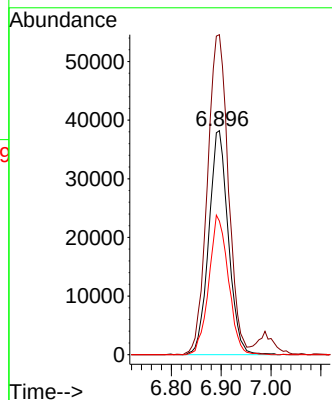
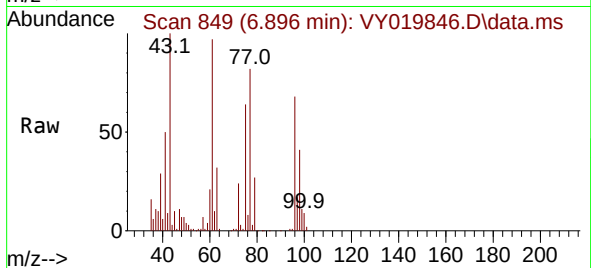
Tgt Ion: 96 Resp: 103830

Ion Ratio Lower Upper

96 100

61 153.5 0.0 311.4

98 62.2 0.0 129.2



#28

Bromochloromethane

Concen: 20.186 ug/l

RT: 7.250 min Scan# 907

Delta R.T. 0.006 min

Lab File: VY019846.D

Acq: 10 Oct 2024 10:36

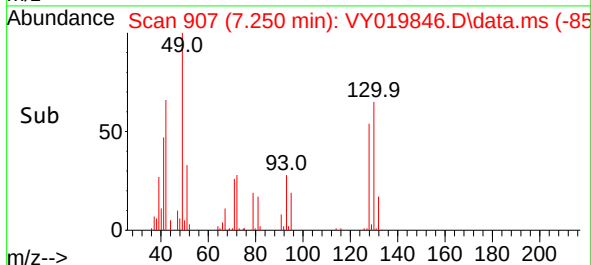
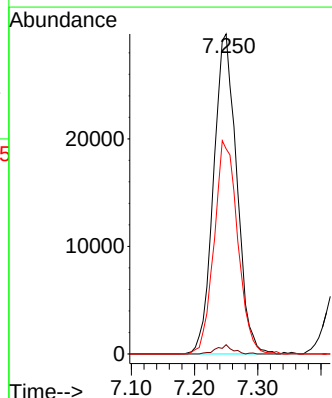
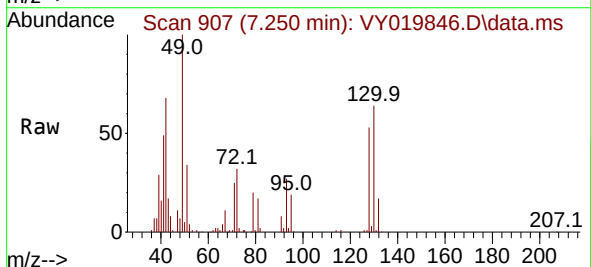
Tgt Ion: 49 Resp: 75654

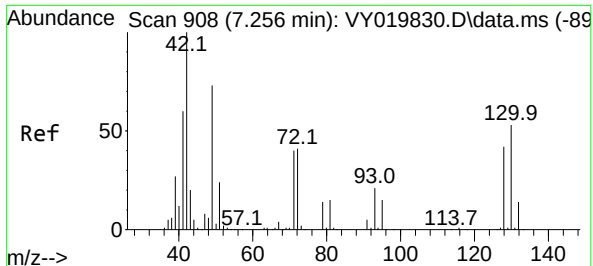
Ion Ratio Lower Upper

49 100

129 1.9 0.0 4.0

130 67.7 55.0 82.4





#29

Tetrahydrofuran

Concen: 97.938 ug/l

RT: 7.268 min Scan# 910

Delta R.T. 0.012 min

Lab File: VY019846.D

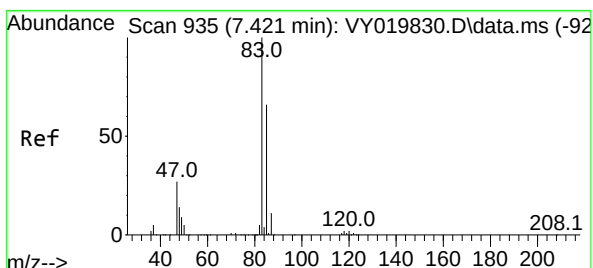
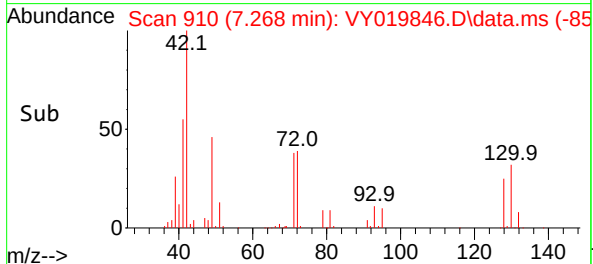
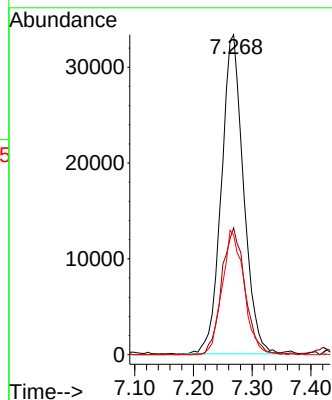
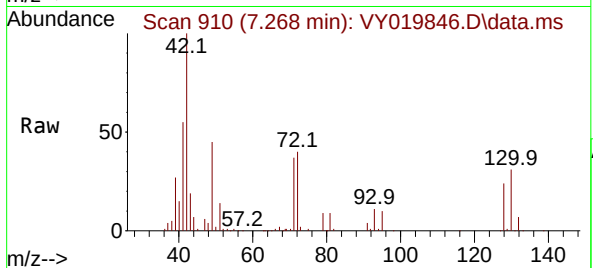
Acq: 10 Oct 2024 10:36

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	42	Resp:	87165
Ion	Ratio	Lower	Upper
42	100		
72	41.8	33.4	50.0
71	39.0	31.6	47.4



#30

Chloroform

Concen: 20.085 ug/l

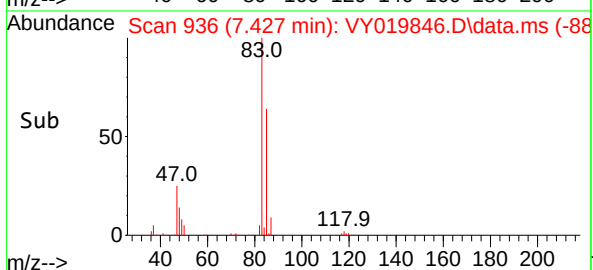
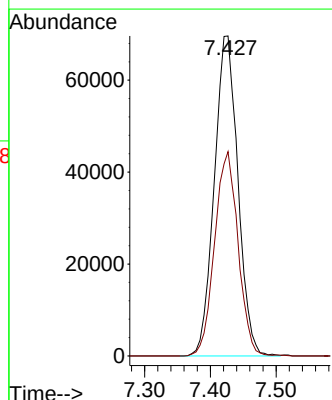
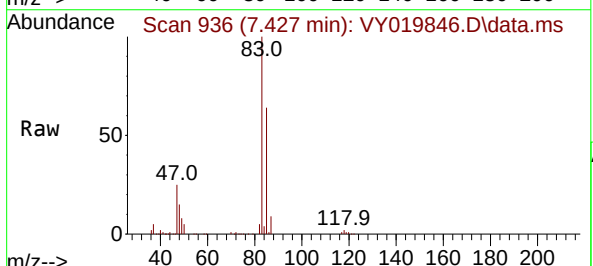
RT: 7.427 min Scan# 936

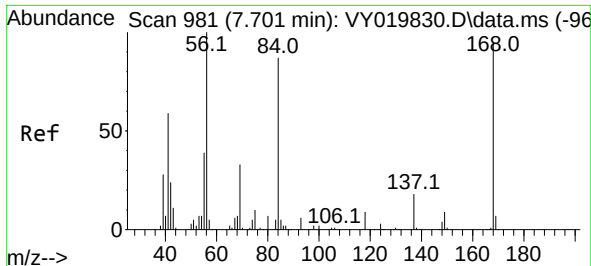
Delta R.T. 0.006 min

Lab File: VY019846.D

Acq: 10 Oct 2024 10:36

Tgt Ion:	83	Resp:	174337
Ion	Ratio	Lower	Upper
83	100		
85	63.8	52.7	79.1

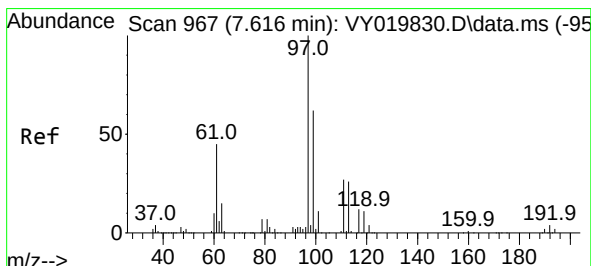
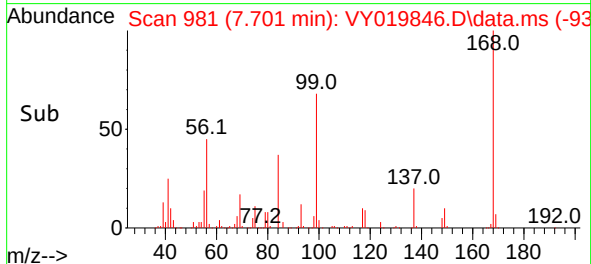
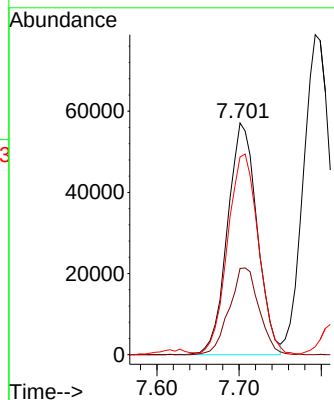
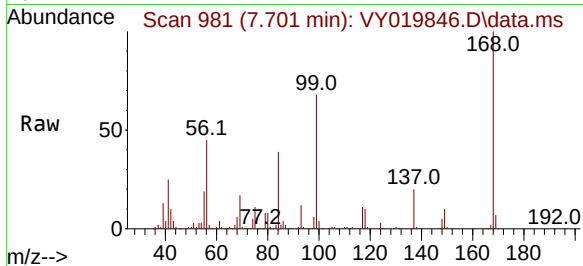




#31
Cyclohexane
Concen: 19.162 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY019846.D
Acq: 10 Oct 2024 10:36

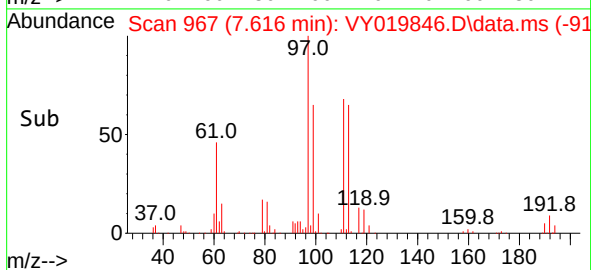
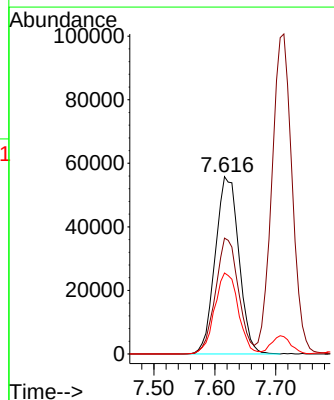
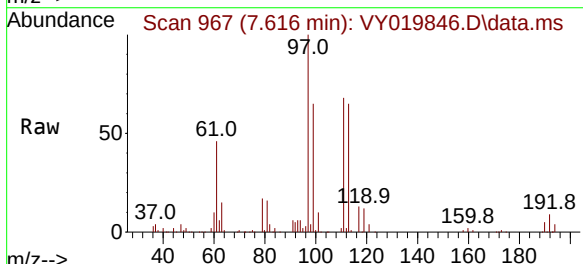
Instrument :
MSVOA_Y
ClientSampleId :

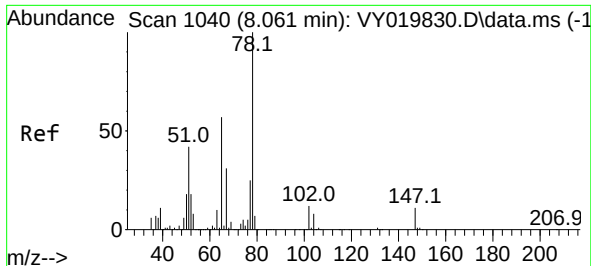
Tgt Ion: 56 Resp: 143229
Ion Ratio Lower Upper
56 100
69 37.1 26.6 39.8
84 82.9 69.6 104.4



#32
1,1,1-Trichloroethane
Concen: 19.753 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY019846.D
Acq: 10 Oct 2024 10:36

Tgt Ion: 97 Resp: 150260
Ion Ratio Lower Upper
97 100
99 63.5 51.0 76.4
61 45.7 36.5 54.7





#33

1,2-Dichloroethane-d4

Concen: 50.749 ug/l

RT: 8.061 min Scan# 11040

Delta R.T. 0.000 min

Lab File: VY019846.D

Acq: 10 Oct 2024 10:36

Instrument :

MSVOA_Y

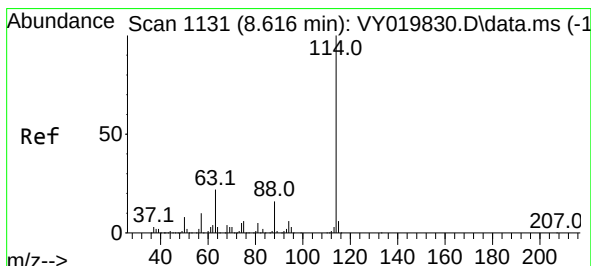
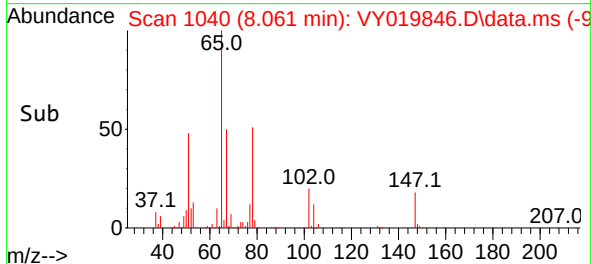
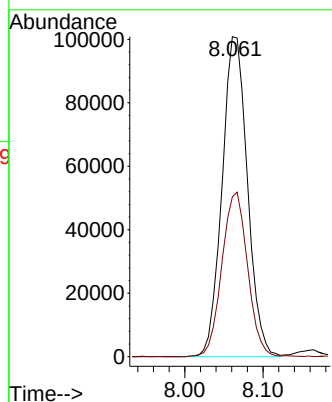
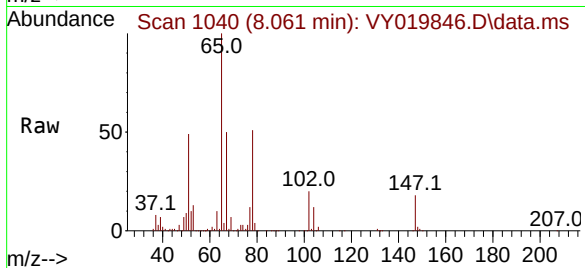
ClientSampleId :

Tgt Ion: 65 Resp: 227023

Ion Ratio Lower Upper

65 100

67 52.1 0.0 105.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY019846.D

Acq: 10 Oct 2024 10:36

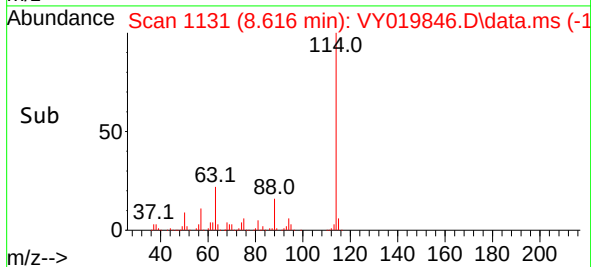
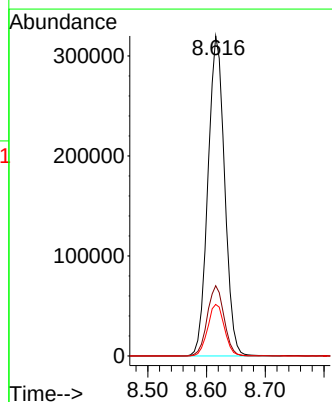
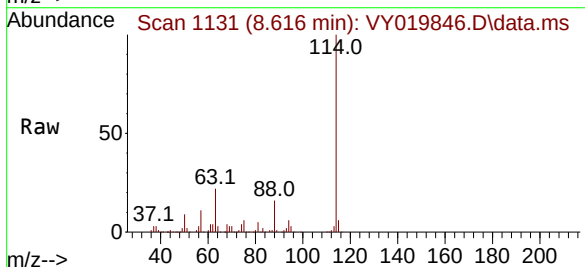
Tgt Ion: 114 Resp: 629960

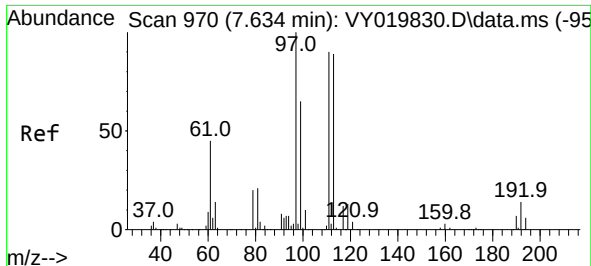
Ion Ratio Lower Upper

114 100

63 21.9 0.0 43.8

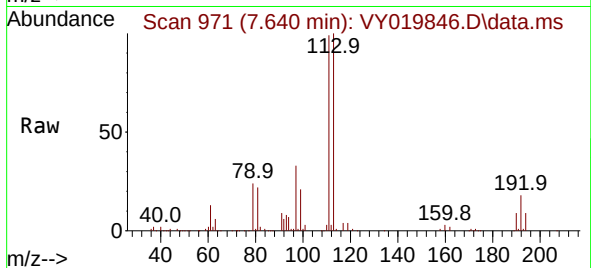
88 16.1 0.0 32.0



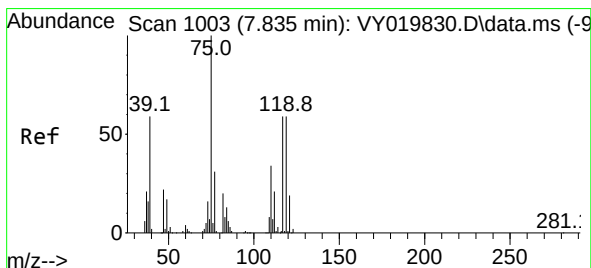
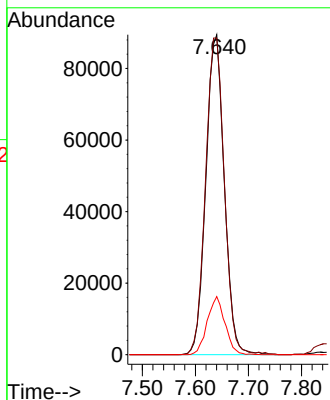
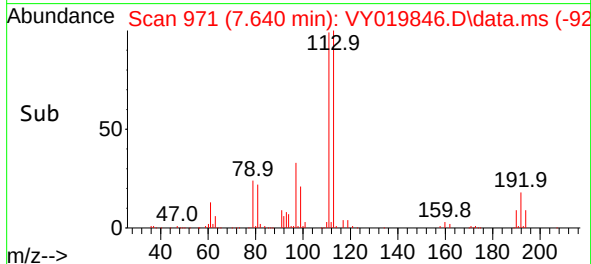


#35
Dibromofluoromethane
Concen: 51.760 ug/l
RT: 7.640 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019846.D
Acq: 10 Oct 2024 10:36

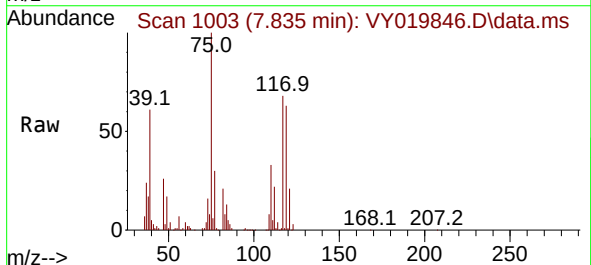
Instrument :
MSVOA_Y
ClientSampleId :



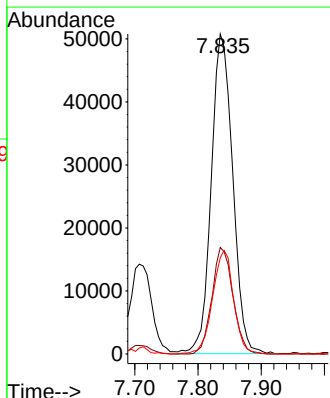
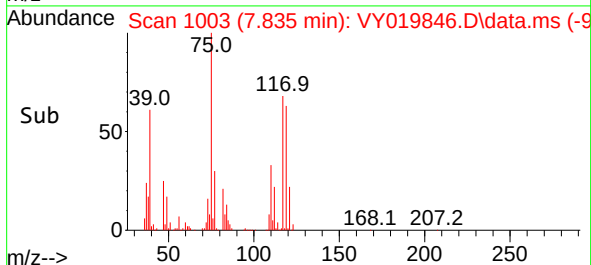
Tgt Ion:113 Resp: 215170
Ion Ratio Lower Upper
113 100
111 101.2 82.9 124.3
192 17.6 13.6 20.4

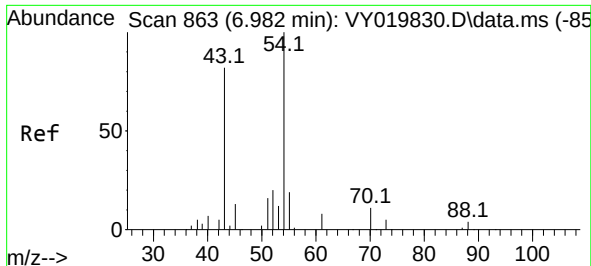


#36
1,1-Dichloropropene
Concen: 19.939 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY019846.D
Acq: 10 Oct 2024 10:36



Tgt Ion: 75 Resp: 119414
Ion Ratio Lower Upper
75 100
110 32.5 16.6 49.8
77 31.7 24.6 36.8





#37

Ethyl Acetate

Concen: 20.126 ug/l

RT: 6.988 min Scan# 80

Delta R.T. 0.006 min

Lab File: VY019846.D

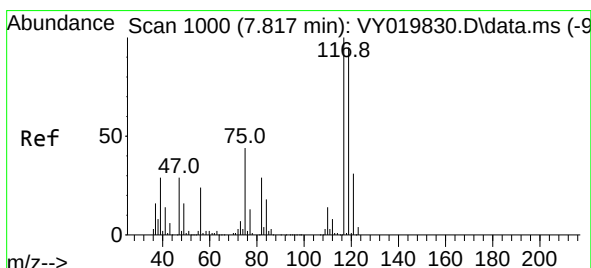
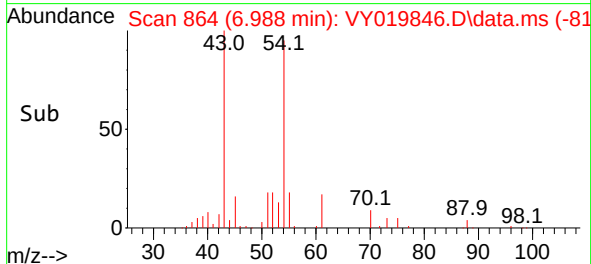
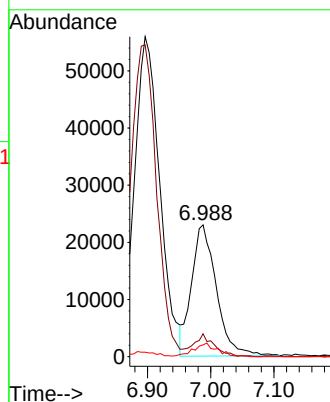
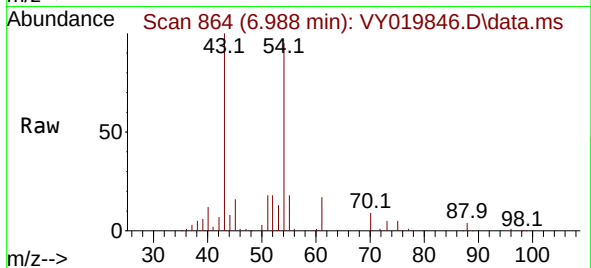
Acq: 10 Oct 2024 10:36

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 43	Resp: 62852
Ion Ratio	Lower Upper
43	100
61	14.3 10.9 16.3
70	9.0 7.6 11.4



#38

Carbon Tetrachloride

Concen: 19.946 ug/l

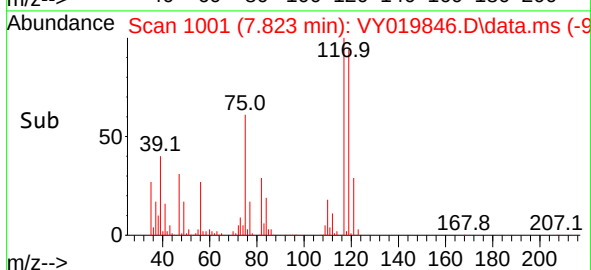
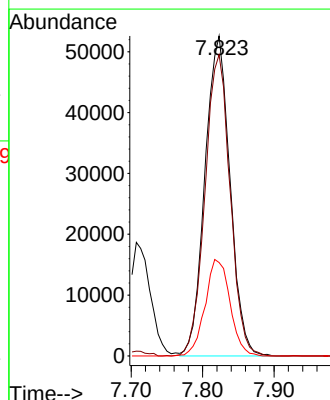
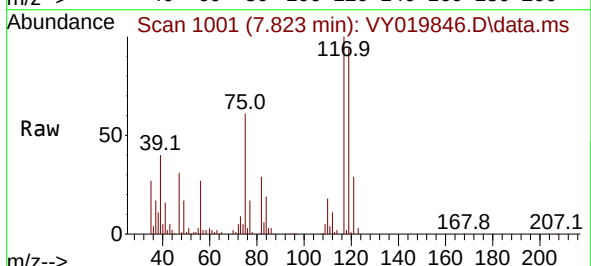
RT: 7.823 min Scan# 1001

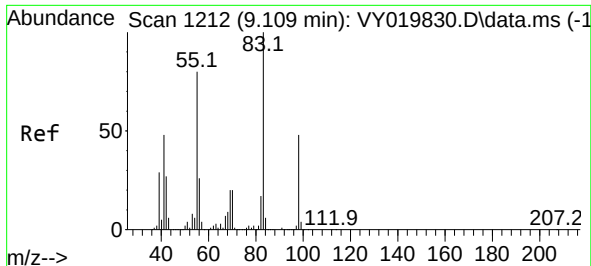
Delta R.T. 0.006 min

Lab File: VY019846.D

Acq: 10 Oct 2024 10:36

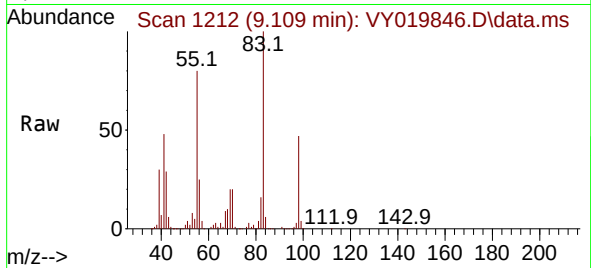
Tgt Ion: 117	Resp: 128058
Ion Ratio	Lower Upper
117	100
119	94.1 76.2 114.4
121	29.2 25.0 37.4



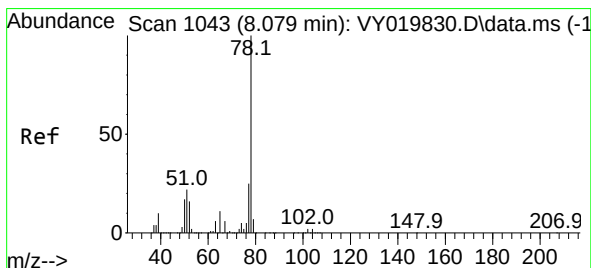
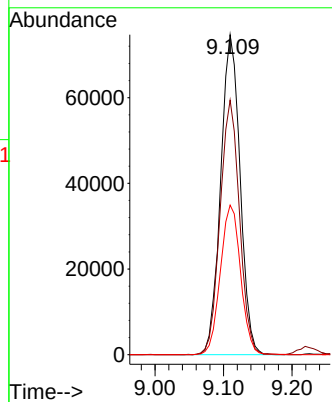
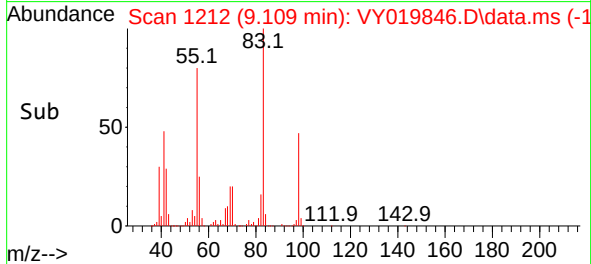


#39
Methylcyclohexane
Concen: 19.409 ug/l
RT: 9.109 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019846.D
Acq: 10 Oct 2024 10:36

Instrument :
MSVOA_Y
ClientSampleId :

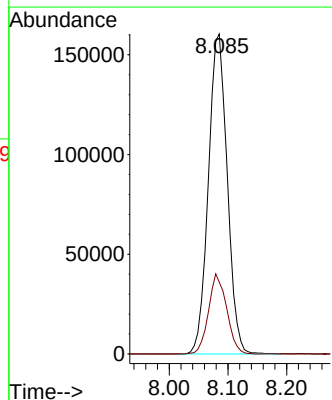
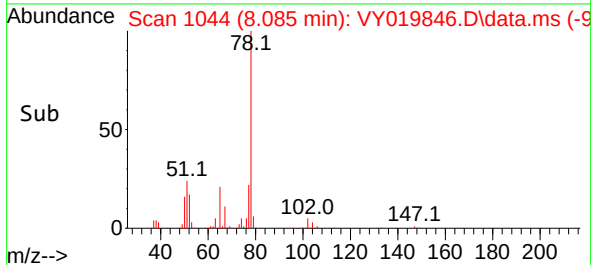
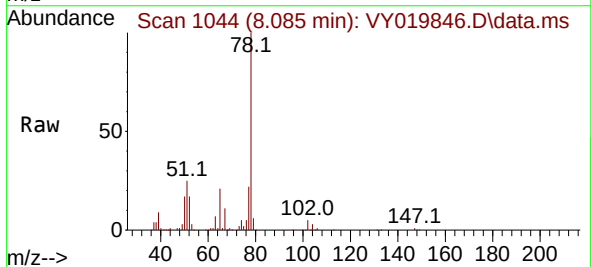


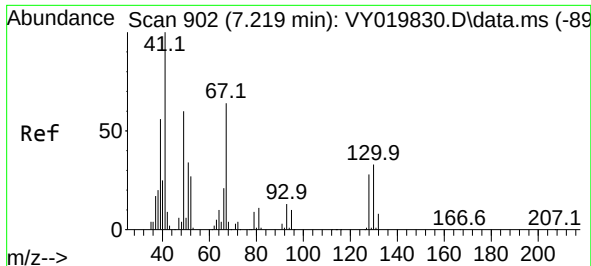
Tgt Ion: 83 Resp: 146462
Ion Ratio Lower Upper
83 100
55 79.5 63.7 95.5
98 46.7 38.3 57.5



#40
Benzene
Concen: 19.766 ug/l
RT: 8.085 min Scan# 1044
Delta R.T. 0.006 min
Lab File: VY019846.D
Acq: 10 Oct 2024 10:36

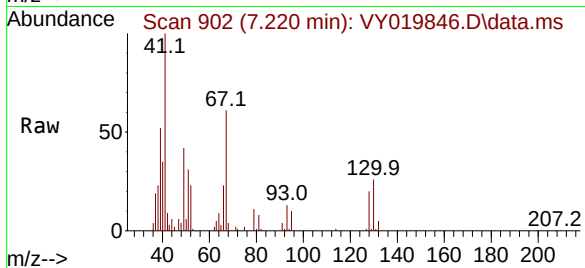
Tgt Ion: 78 Resp: 358260
Ion Ratio Lower Upper
78 100
77 22.5 19.6 29.4



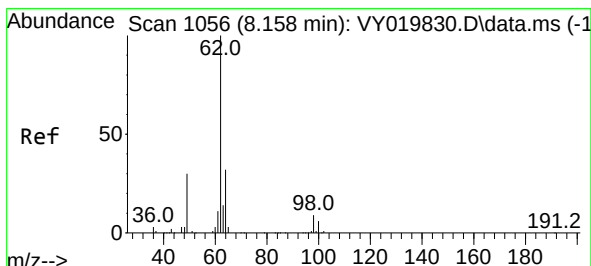
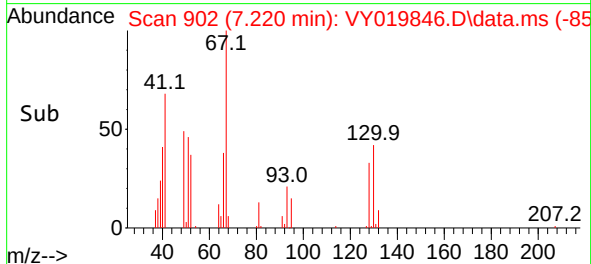
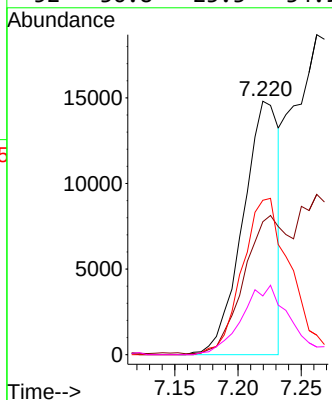


#41
Methacrylonitrile
Concen: 17.287 ug/l
RT: 7.220 min Scan# 902
Delta R.T. 0.000 min
Lab File: VY019846.D
Acq: 10 Oct 2024 10:36

Instrument :
MSVOA_Y
ClientSampleId :

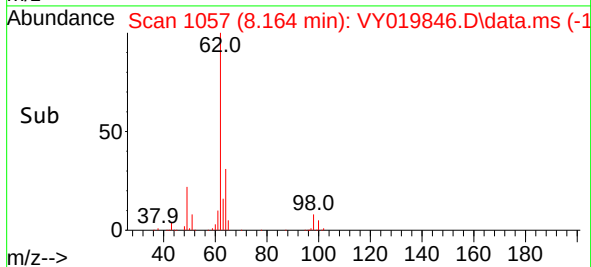
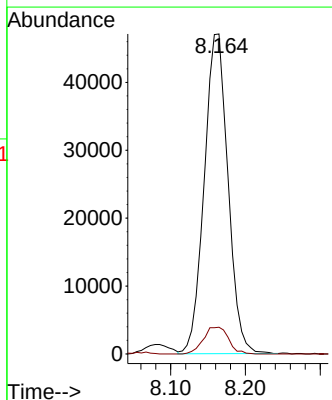
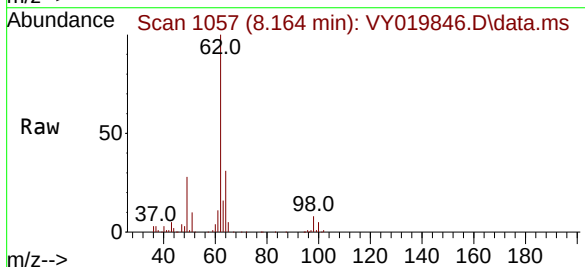


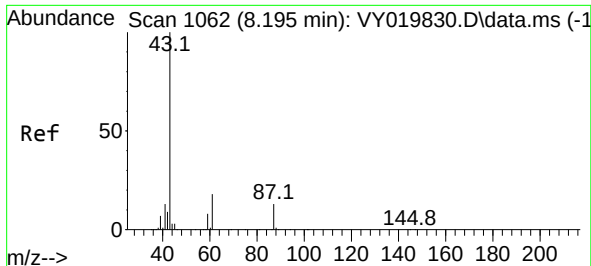
Tgt Ion: 41 Resp: 29218
Ion Ratio Lower Upper
41 100
39 70.7 43.9 65.9#
67 82.9 53.2 79.8#
52 36.8 23.3 34.9#



#42
1,2-Dichloroethane
Concen: 19.994 ug/l
RT: 8.164 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VY019846.D
Acq: 10 Oct 2024 10:36

Tgt Ion: 62 Resp: 104110
Ion Ratio Lower Upper
62 100
98 8.9 0.0 17.8





#43

Isopropyl Acetate

Concen: 19.734 ug/l

RT: 8.201 min Scan# 11063

Delta R.T. 0.006 min

Lab File: VY019846.D

Acq: 10 Oct 2024 10:36

Instrument :

MSVOA_Y

ClientSampleId :

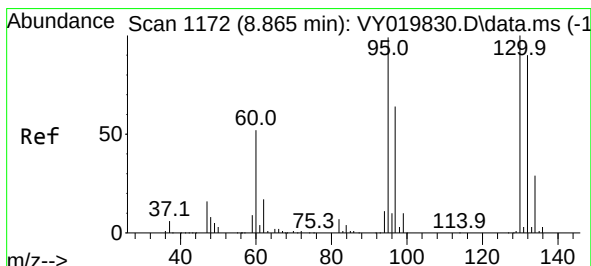
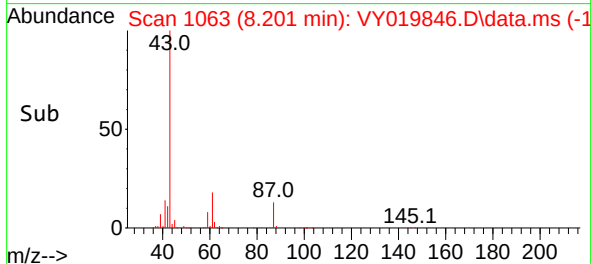
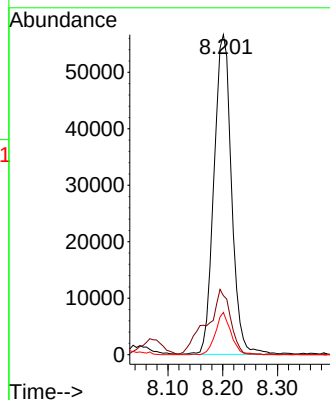
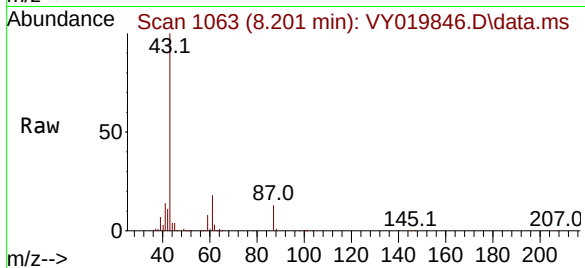
Tgt Ion: 43 Resp: 125679

Ion Ratio Lower Upper

43 100

61 27.7 15.5 23.3#

87 11.5 9.9 14.9



#44

Trichloroethene

Concen: 19.504 ug/l

RT: 8.866 min Scan# 1172

Delta R.T. 0.000 min

Lab File: VY019846.D

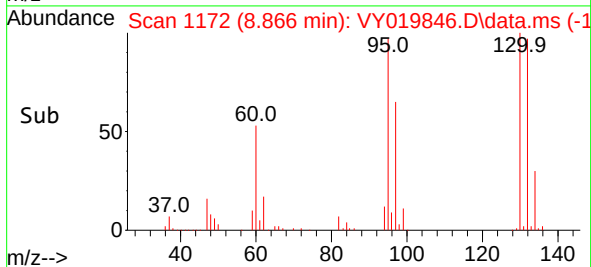
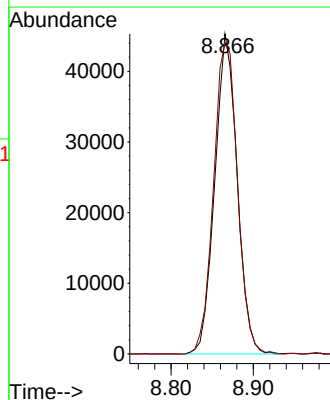
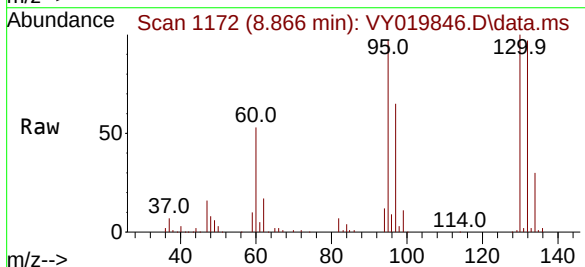
Acq: 10 Oct 2024 10:36

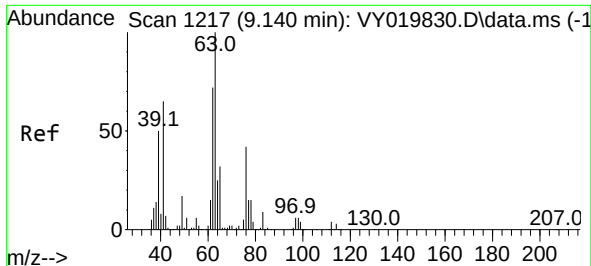
Tgt Ion:130 Resp: 85620

Ion Ratio Lower Upper

130 100

95 97.3 0.0 197.2





#45

1,2-Dichloropropane

Concen: 19.783 ug/l

RT: 9.146 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VY019846.D

Acq: 10 Oct 2024 10:36

Instrument :

MSVOA_Y

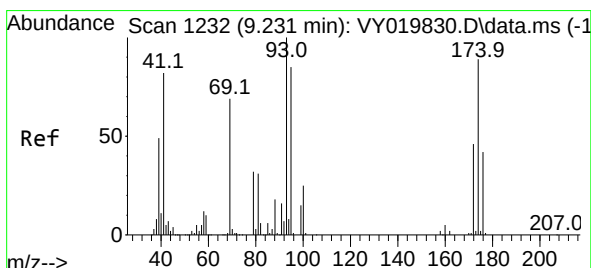
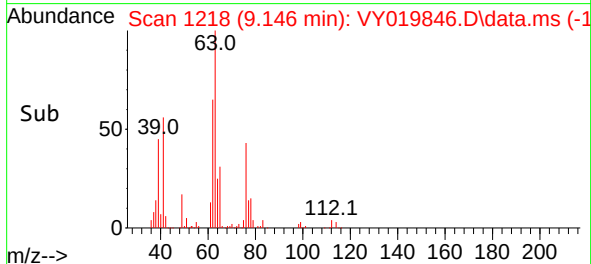
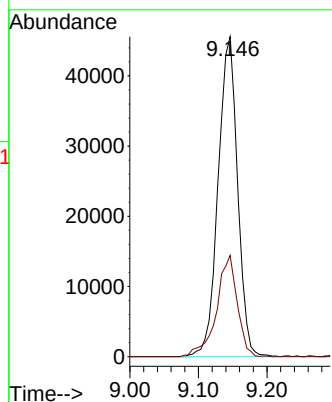
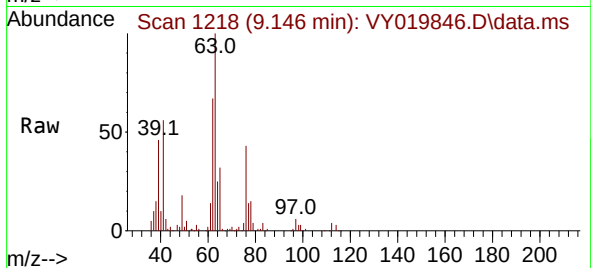
ClientSampleId :

Tgt Ion: 63 Resp: 89746

Ion Ratio Lower Upper

63 100

65 31.6 25.6 38.4



#46

Dibromomethane

Concen: 19.416 ug/l

RT: 9.237 min Scan# 1233

Delta R.T. 0.006 min

Lab File: VY019846.D

Acq: 10 Oct 2024 10:36

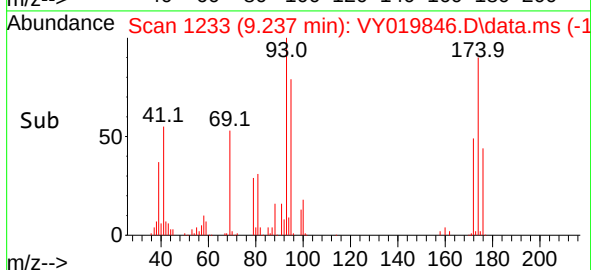
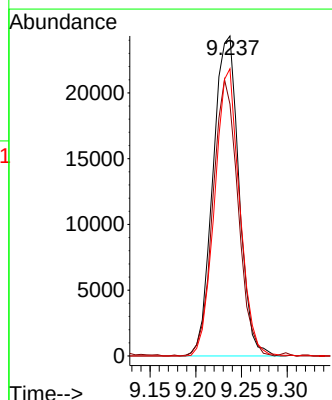
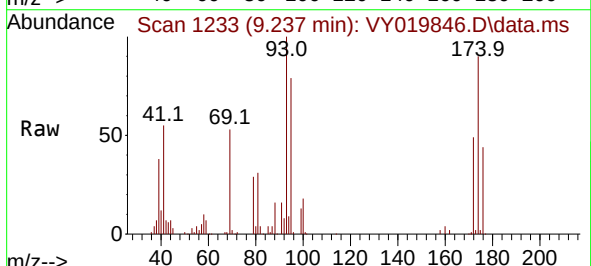
Tgt Ion: 93 Resp: 48124

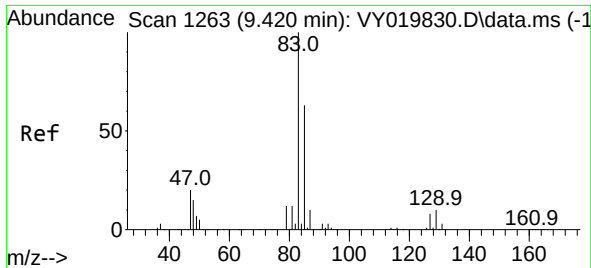
Ion Ratio Lower Upper

93 100

95 83.4 65.4 98.2

174 86.2 70.4 105.6

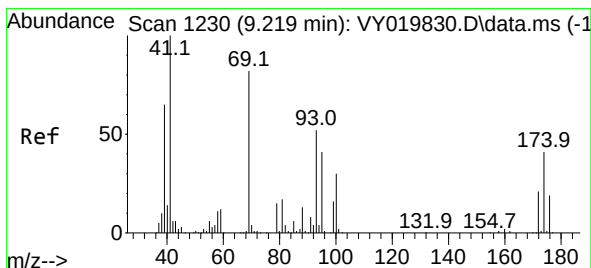
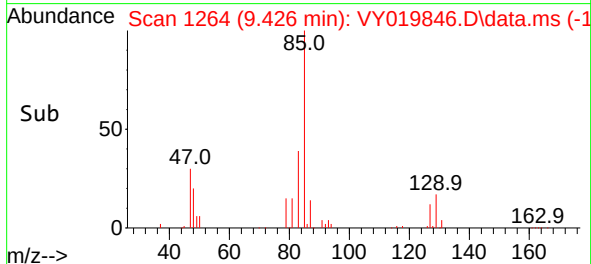
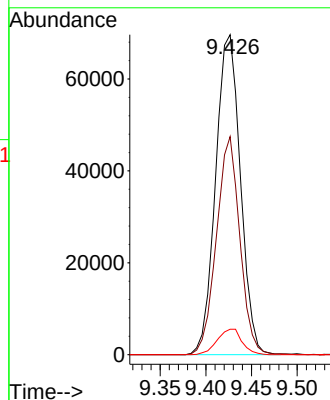
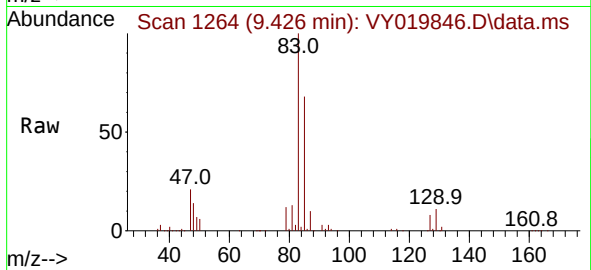




#47
Bromodichloromethane
Concen: 19.975 ug/l
RT: 9.426 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY019846.D
Acq: 10 Oct 2024 10:36

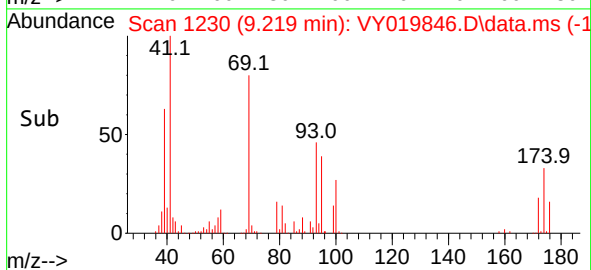
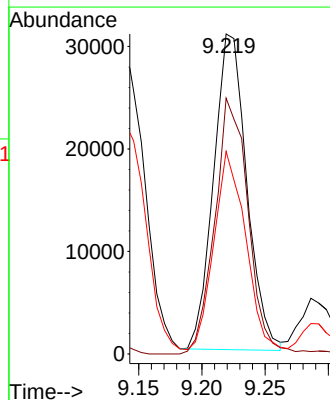
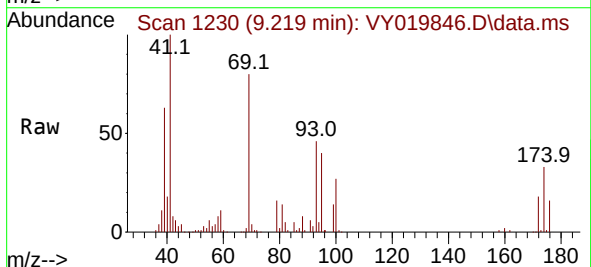
Instrument :
MSVOA_Y
ClientSampleId :

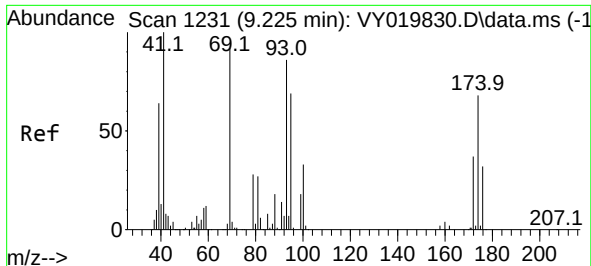
Tgt Ion: 83 Resp: 131416
Ion Ratio Lower Upper
83 100
85 68.2 50.2 75.2
127 8.0 6.3 9.5



#48
Methyl methacrylate
Concen: 20.085 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY019846.D
Acq: 10 Oct 2024 10:36

Tgt Ion: 41 Resp: 56268
Ion Ratio Lower Upper
41 100
69 81.9 66.3 99.5
39 59.9 50.2 75.4





#49

1,4-Dioxane

Concen: 358.022 ug/l

RT: 9.225 min Scan# 11

Delta R.T. 0.000 min

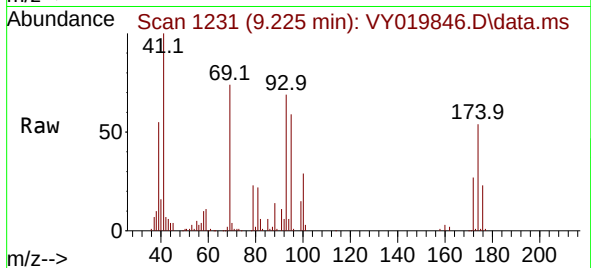
Lab File: VY019846.D

Acq: 10 Oct 2024 10:36

Instrument :

MSVOA_Y

ClientSampleId :



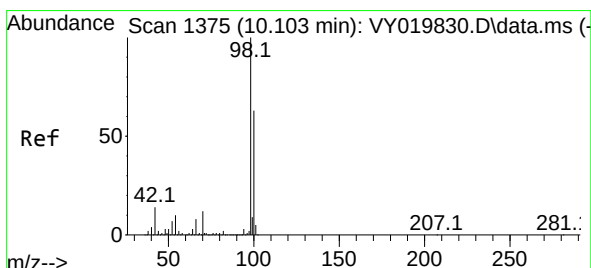
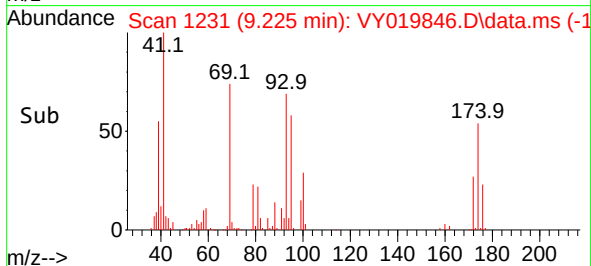
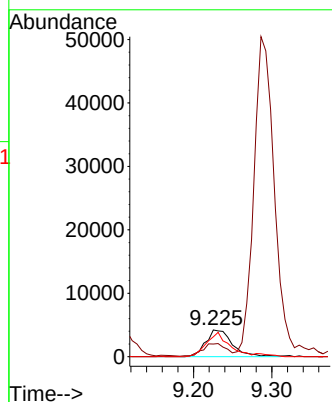
Tgt Ion: 88 Resp: 9932

Ion Ratio Lower Upper

88 100

43 40.4 28.5 42.7

58 77.4 52.6 78.8



#50

Toluene-d8

Concen: 51.492 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.006 min

Lab File: VY019846.D

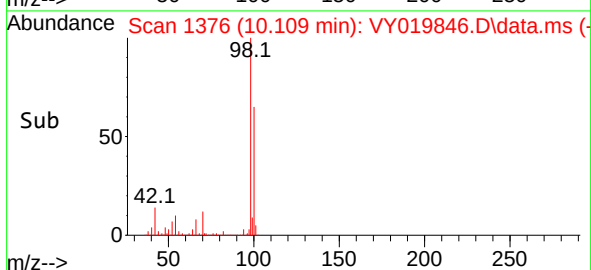
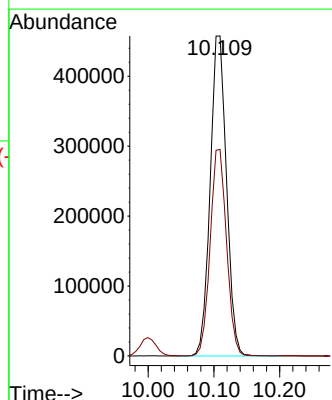
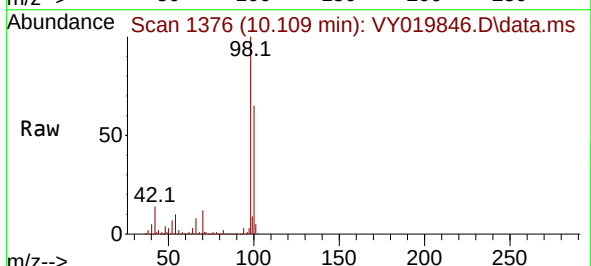
Acq: 10 Oct 2024 10:36

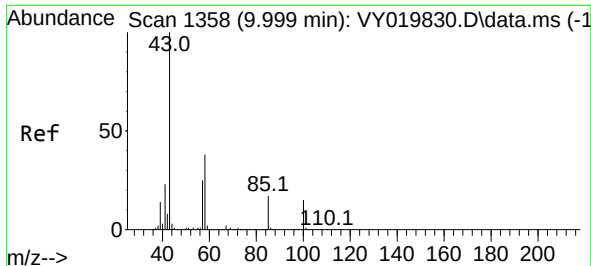
Tgt Ion: 98 Resp: 790467

Ion Ratio Lower Upper

98 100

100 64.8 51.1 76.7





#51

4-Methyl-2-Pentanone

Concen: 100.700 ug/l

RT: 10.000 min Scan# 1358

Delta R.T. 0.000 min

Lab File: VY019846.D

Acq: 10 Oct 2024 10:36

Instrument :

MSVOA_Y

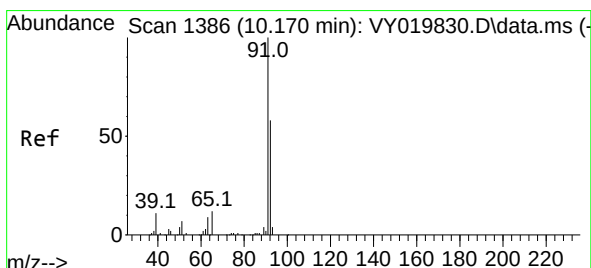
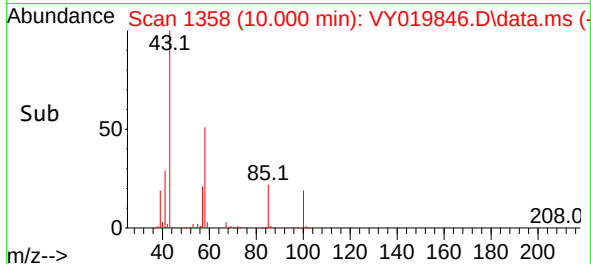
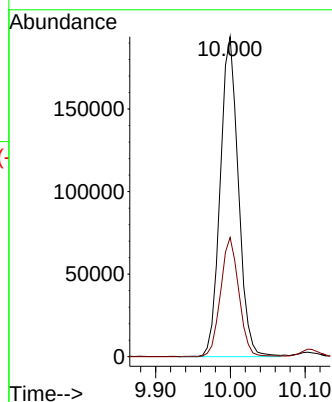
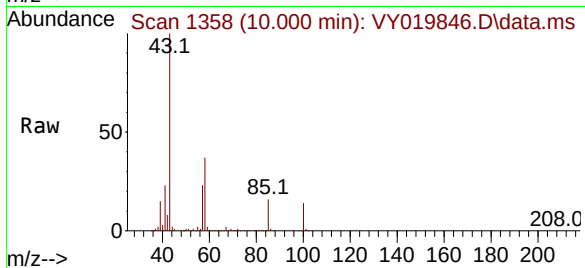
ClientSampleId :

Tgt Ion: 43 Resp: 327123

Ion Ratio Lower Upper

43 100

58 37.5 30.4 45.6



#52

Toluene

Concen: 19.869 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VY019846.D

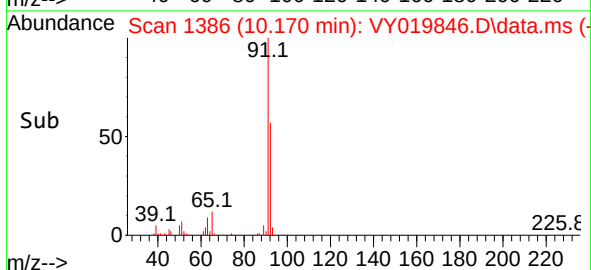
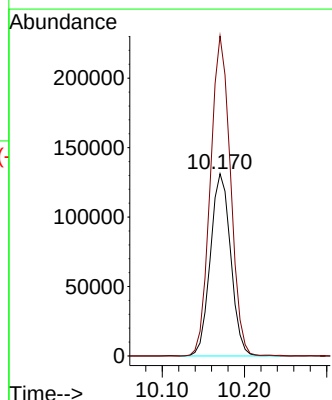
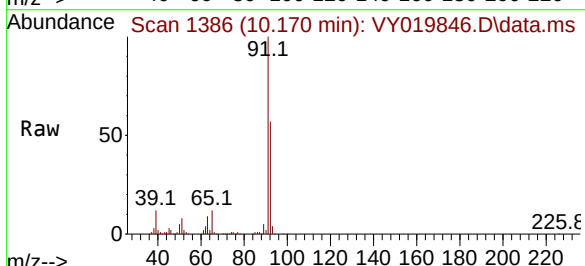
Acq: 10 Oct 2024 10:36

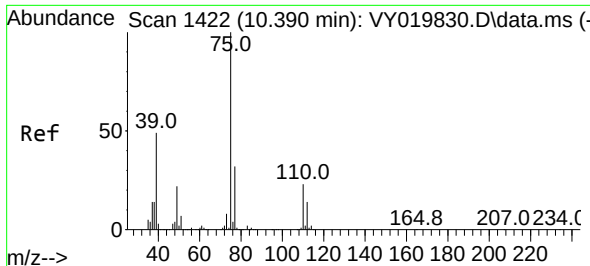
Tgt Ion: 92 Resp: 224799

Ion Ratio Lower Upper

92 100

91 174.4 139.2 208.8

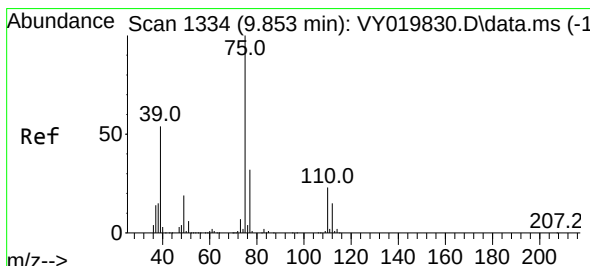
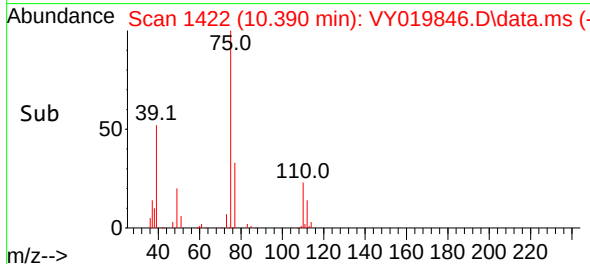
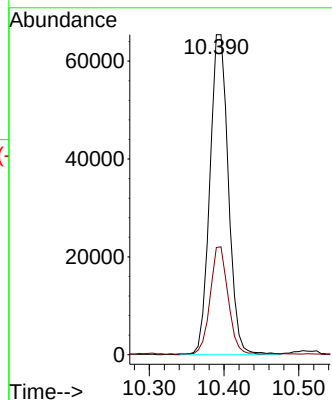
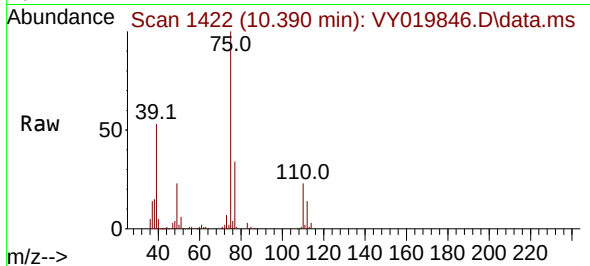




#53
t-1,3-Dichloropropene
Concen: 19.027 ug/l
RT: 10.390 min Scan# 1422
Delta R.T. 0.000 min
Lab File: VY019846.D
Acq: 10 Oct 2024 10:36

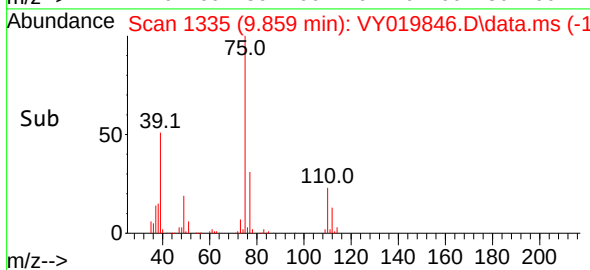
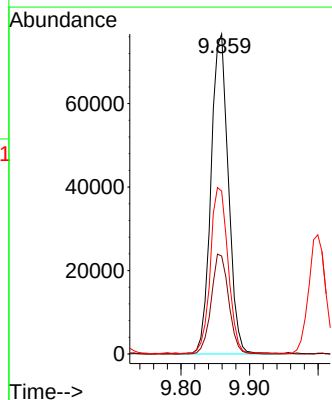
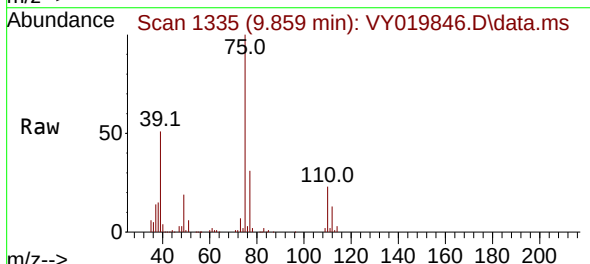
Instrument :
MSVOA_Y
ClientSampleId :

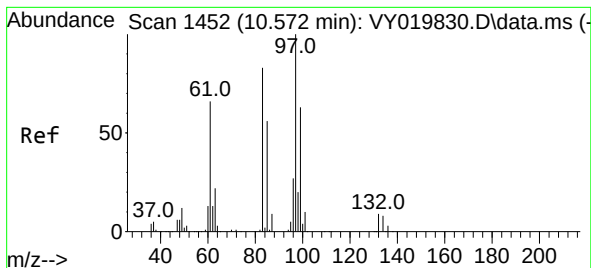
Tgt Ion: 75 Resp: 112628
Ion Ratio Lower Upper
75 100
77 33.3 25.2 37.8



#54
cis-1,3-Dichloropropene
Concen: 19.326 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.006 min
Lab File: VY019846.D
Acq: 10 Oct 2024 10:36

Tgt Ion: 75 Resp: 134988
Ion Ratio Lower Upper
75 100
77 30.6 25.4 38.2
39 50.7 43.1 64.7





#55

1,1,2-Trichloroethane

Concen: 20.149 ug/l

RT: 10.573 min Scan# 1452

Delta R.T. 0.000 min

Lab File: VY019846.D

Acq: 10 Oct 2024 10:36

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 65799

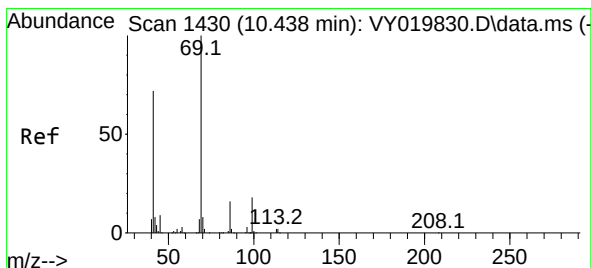
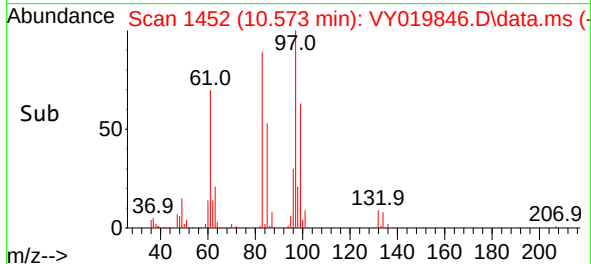
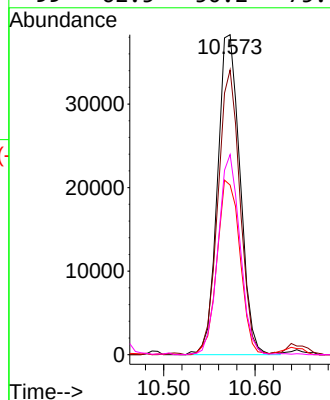
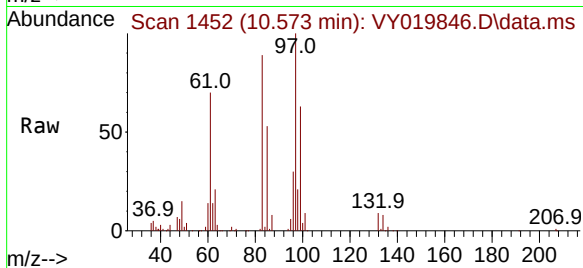
Ion Ratio Lower Upper

97 100

83 88.6 66.7 100.1

85 53.0 45.0 67.4

99 62.5 50.2 75.4



#56

Ethyl methacrylate

Concen: 19.594 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VY019846.D

Acq: 10 Oct 2024 10:36

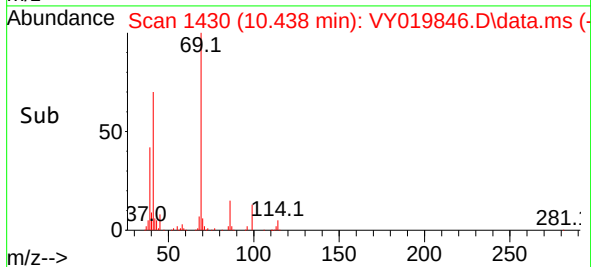
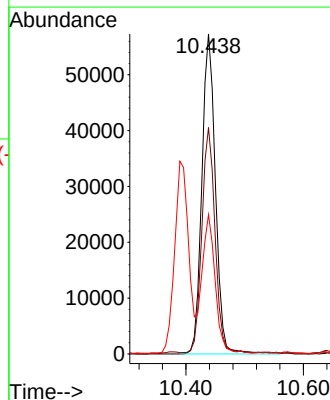
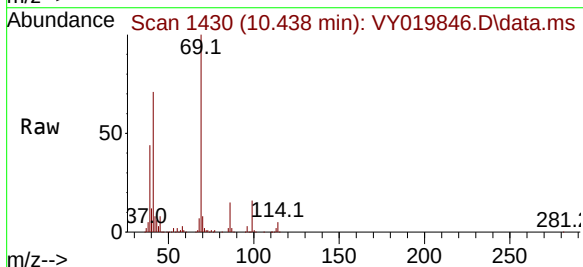
Tgt Ion: 69 Resp: 91815

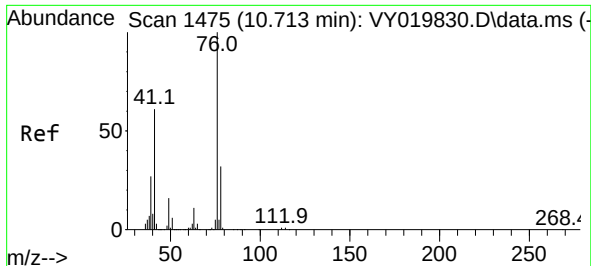
Ion Ratio Lower Upper

69 100

41 68.4 55.2 82.8

39 42.8 33.0 49.4





#57

1,3-Dichloropropane

Concen: 19.766 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VY019846.D

Acq: 10 Oct 2024 10:36

Instrument :

MSVOA_Y

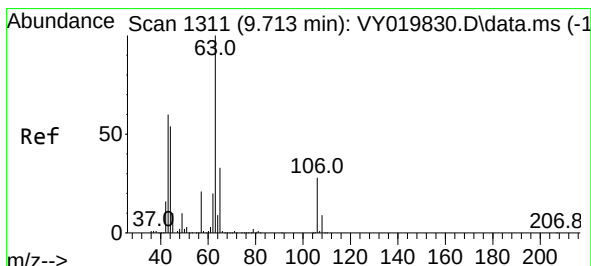
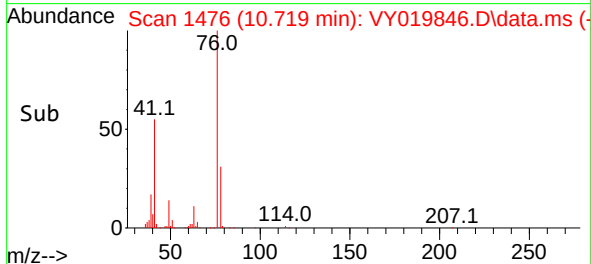
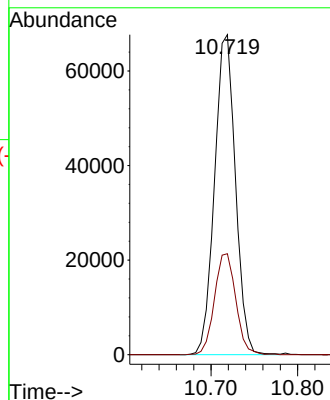
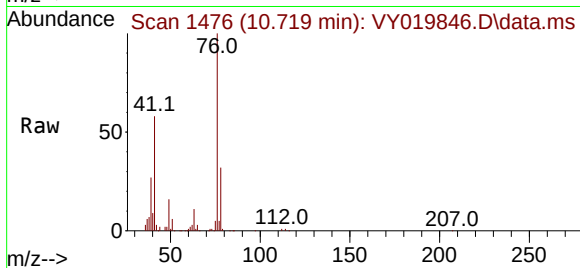
ClientSampleId :

Tgt Ion: 76 Resp: 113355

Ion Ratio Lower Upper

76 100

78 32.3 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 93.703 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY019846.D

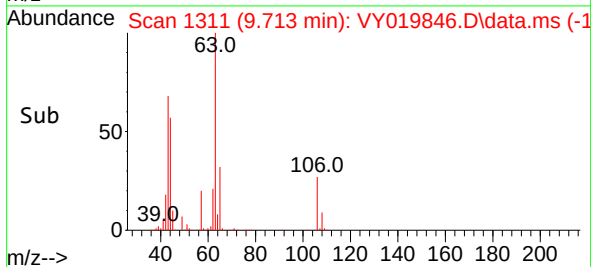
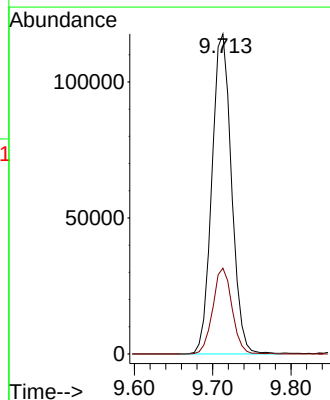
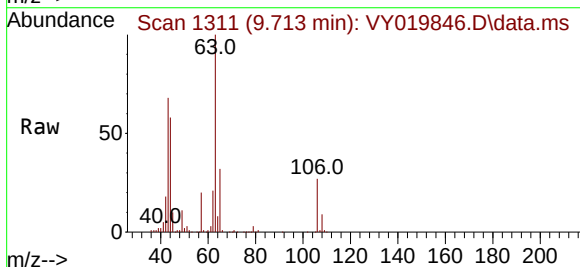
Acq: 10 Oct 2024 10:36

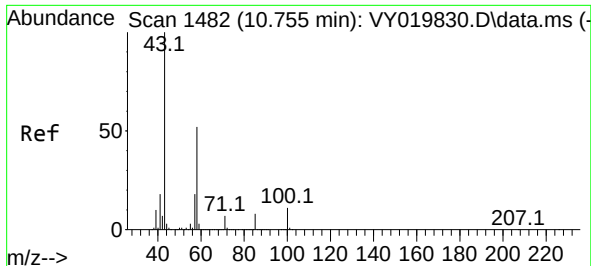
Tgt Ion: 63 Resp: 204402

Ion Ratio Lower Upper

63 100

106 26.3 21.7 32.5





#59

2-Hexanone

Concen: 101.970 ug/l

RT: 10.762 min Scan# 1482

Delta R.T. 0.006 min

Lab File: VY019846.D

Acq: 10 Oct 2024 10:36

Instrument :

MSVOA_Y

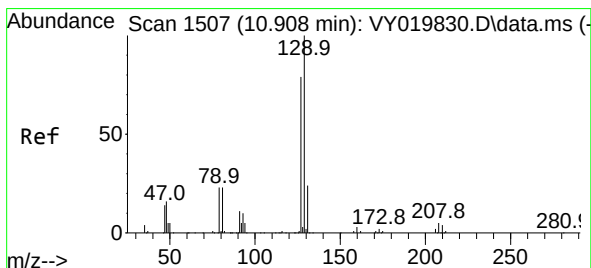
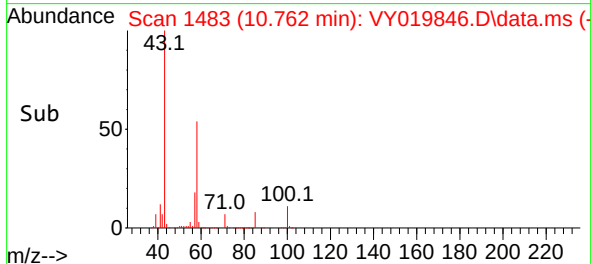
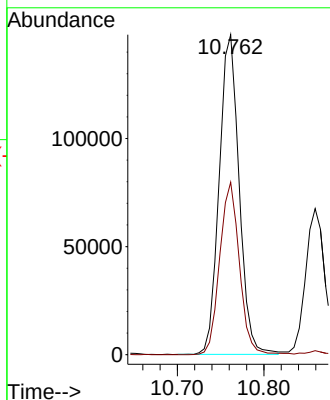
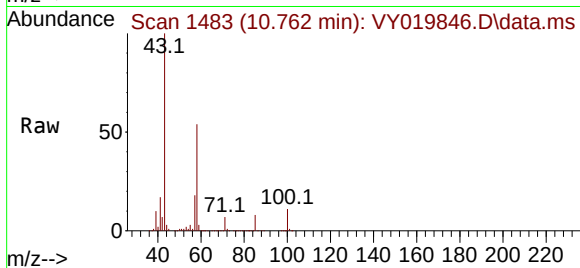
ClientSampleId :

Tgt Ion: 43 Resp: 236588

Ion Ratio Lower Upper

43 100

58 53.4 26.4 79.2



#60

Dibromochloromethane

Concen: 19.060 ug/l

RT: 10.908 min Scan# 1507

Delta R.T. 0.000 min

Lab File: VY019846.D

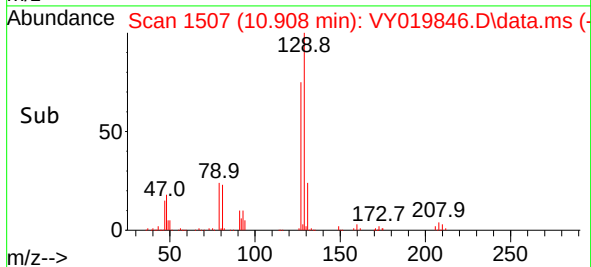
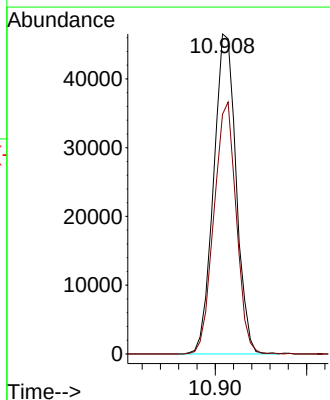
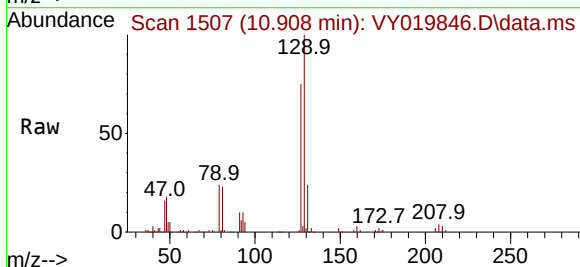
Acq: 10 Oct 2024 10:36

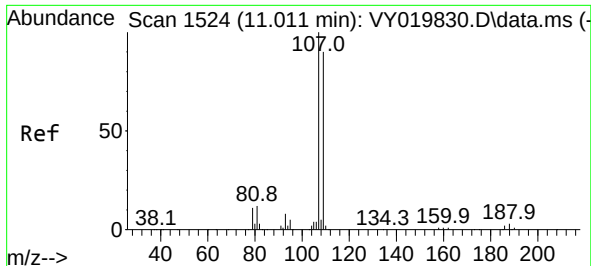
Tgt Ion: 129 Resp: 79887

Ion Ratio Lower Upper

129 100

127 77.7 39.5 118.5

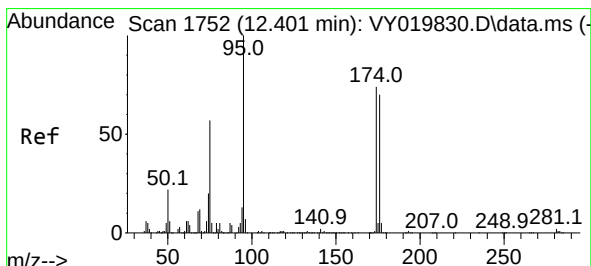
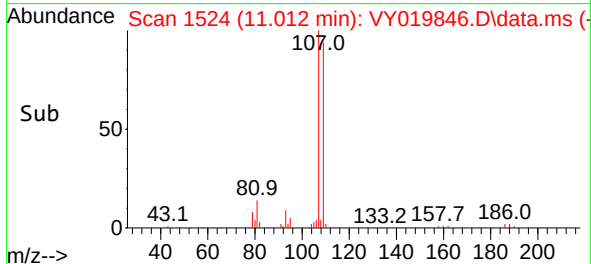
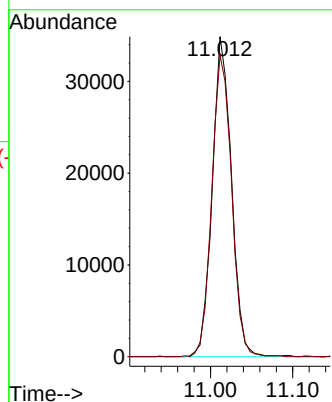
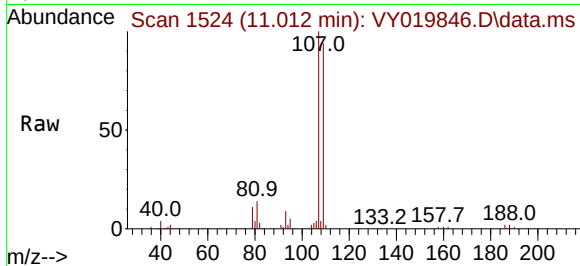




#61
1,2-Dibromoethane
Concen: 19.131 ug/l
RT: 11.012 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY019846.D
Acq: 10 Oct 2024 10:36

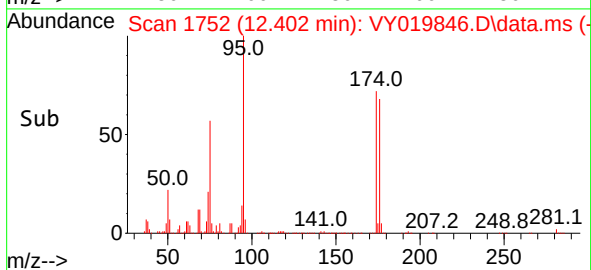
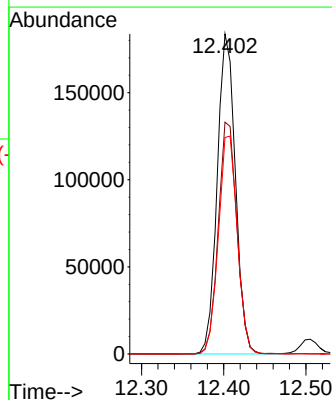
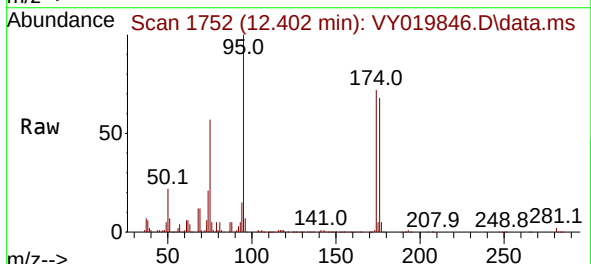
Instrument :
MSVOA_Y
ClientSampleId :

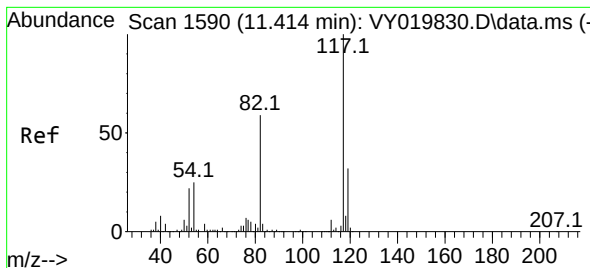
Tgt Ion:107 Resp: 56456
Ion Ratio Lower Upper
107 100
109 97.4 74.4 111.6



#62
4-Bromofluorobenzene
Concen: 50.931 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY019846.D
Acq: 10 Oct 2024 10:36

Tgt Ion: 95 Resp: 282510
Ion Ratio Lower Upper
95 100
174 73.9 0.0 148.0
176 70.8 0.0 142.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019846.D

Acq: 10 Oct 2024 10:36

Instrument :

MSVOA_Y

ClientSampleId :

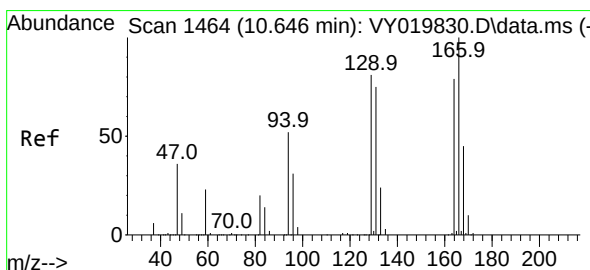
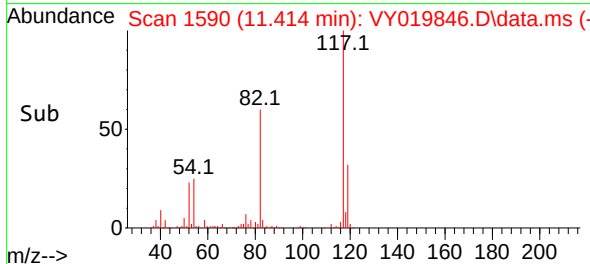
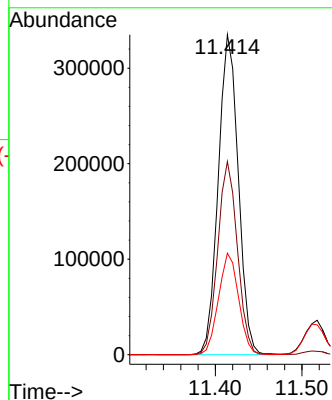
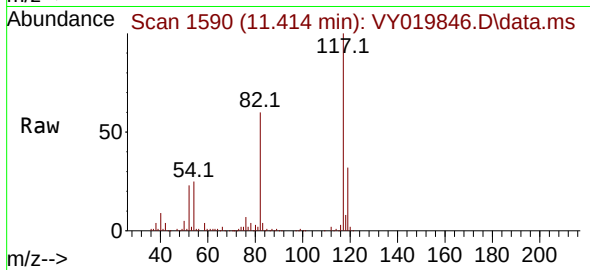
Tgt Ion:117 Resp: 538617

Ion Ratio Lower Upper

117 100

82 60.4 46.9 70.3

119 31.7 25.4 38.2



#64

Tetrachloroethene

Concen: 19.344 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VY019846.D

Acq: 10 Oct 2024 10:36

Tgt Ion:164 Resp: 74108

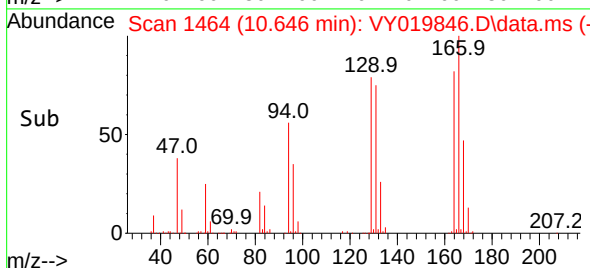
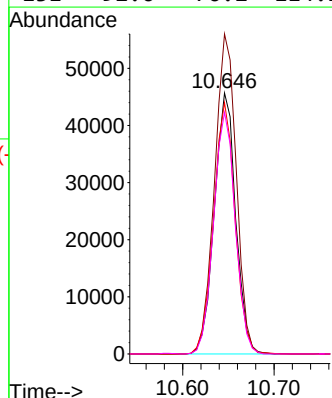
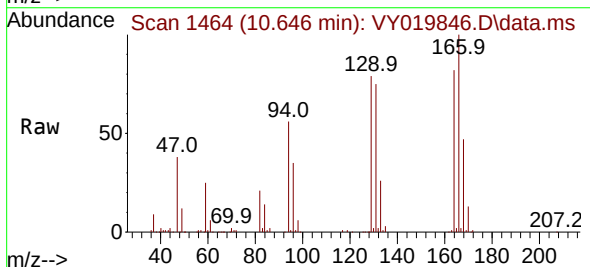
Ion Ratio Lower Upper

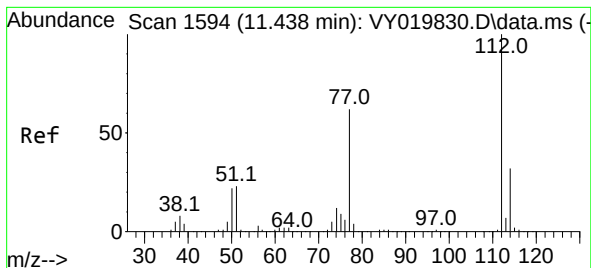
164 100

166 122.6 101.0 151.6

129 96.3 81.4 122.2

131 92.6 76.2 114.2

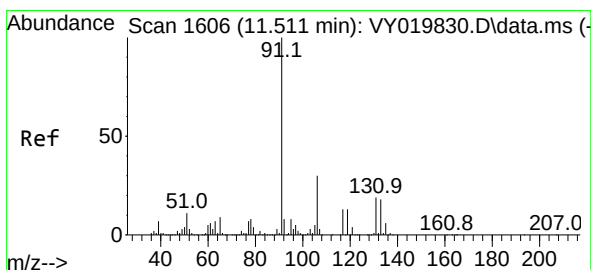
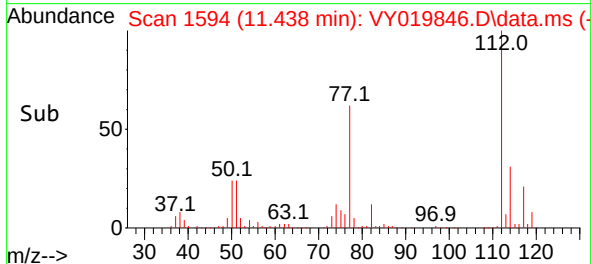
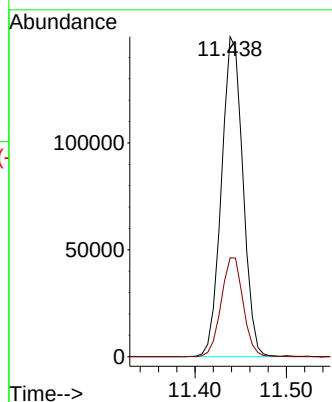
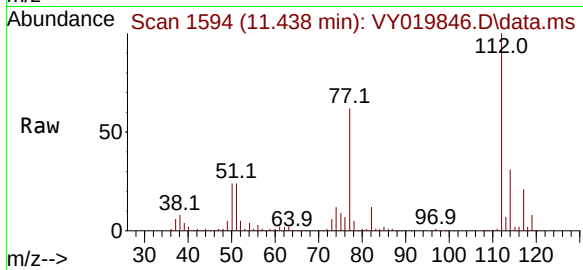




#65
Chlorobenzene
Concen: 19.859 ug/l
RT: 11.438 min Scan# 111
Delta R.T. 0.000 min
Lab File: VY019846.D
Acq: 10 Oct 2024 10:36

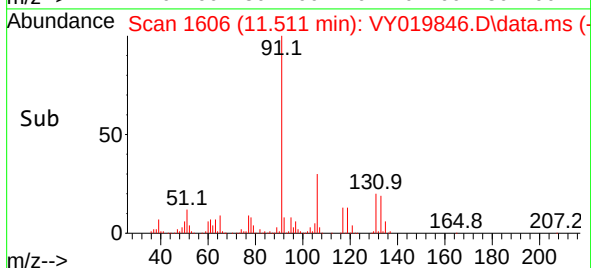
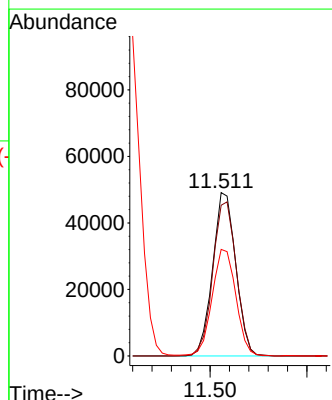
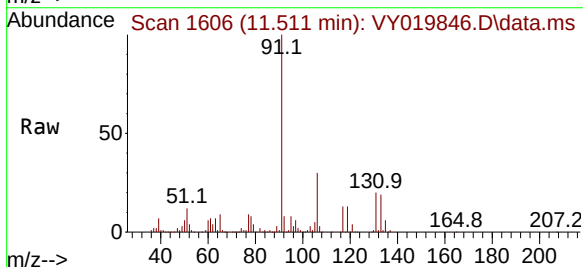
Instrument :
MSVOA_Y
ClientSampleId :

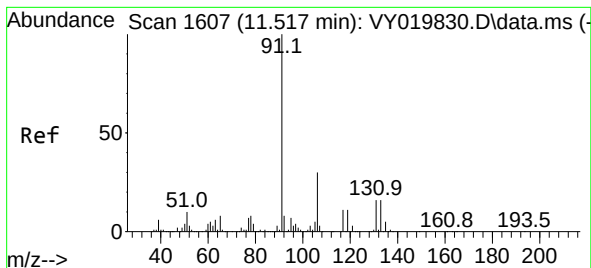
Tgt Ion:112 Resp: 244648
Ion Ratio Lower Upper
112 100
114 30.9 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 19.577 ug/l
RT: 11.511 min Scan# 1606
Delta R.T. 0.000 min
Lab File: VY019846.D
Acq: 10 Oct 2024 10:36

Tgt Ion:131 Resp: 81598
Ion Ratio Lower Upper
131 100
133 96.1 48.0 144.0
119 67.1 33.4 100.1





#67

Ethyl Benzene

Concen: 19.978 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY019846.D

Acq: 10 Oct 2024 10:36

Instrument :

MSVOA_Y

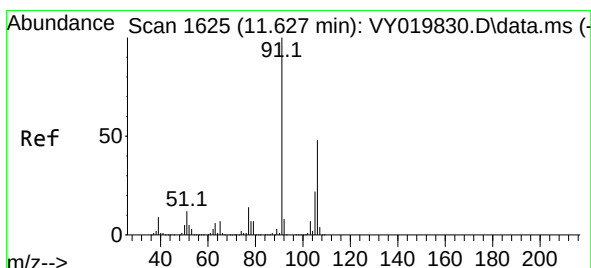
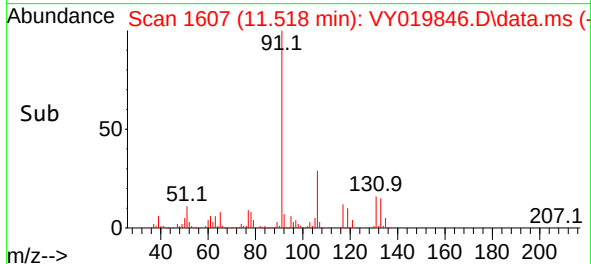
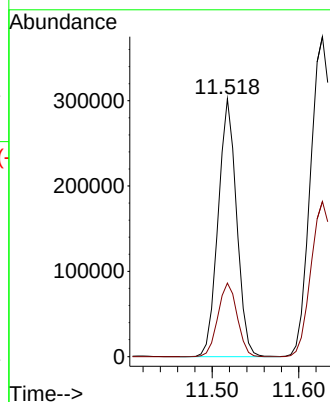
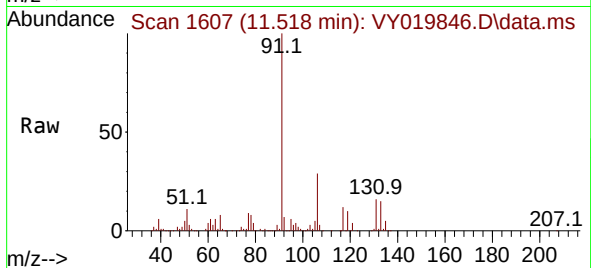
ClientSampleId :

Tgt Ion: 91 Resp: 447089

Ion Ratio Lower Upper

91 100

106 28.5 23.7 35.5



#68

m/p-Xylenes

Concen: 39.453 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.000 min

Lab File: VY019846.D

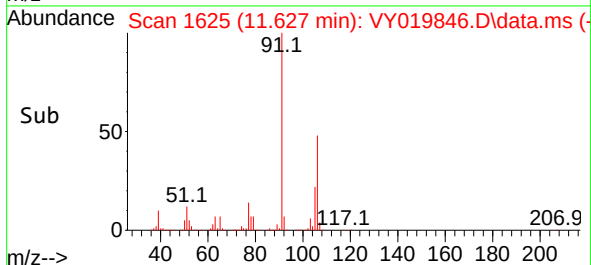
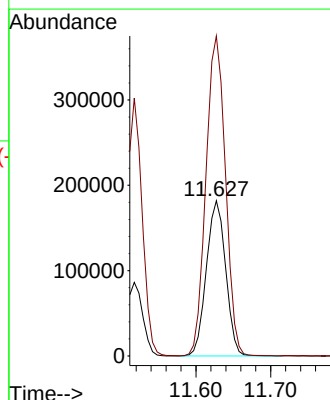
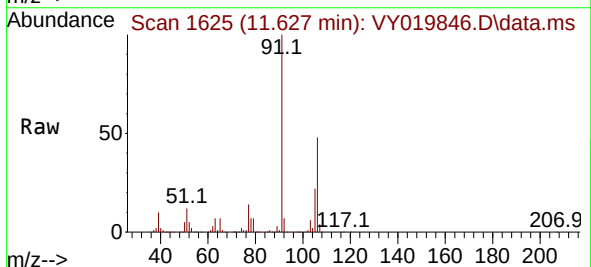
Acq: 10 Oct 2024 10:36

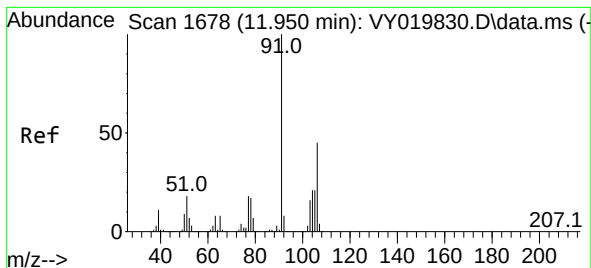
Tgt Ion: 106 Resp: 326082

Ion Ratio Lower Upper

106 100

91 208.3 165.7 248.5





#69

o-Xylene

Concen: 19.533 ug/l

RT: 11.950 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019846.D

Acq: 10 Oct 2024 10:36

Instrument :

MSVOA_Y

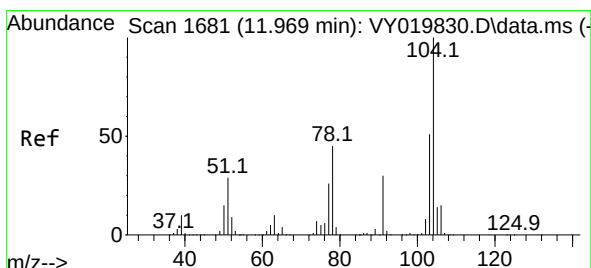
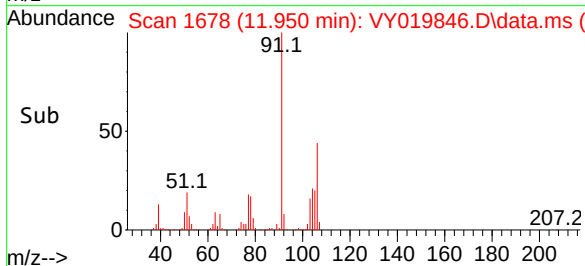
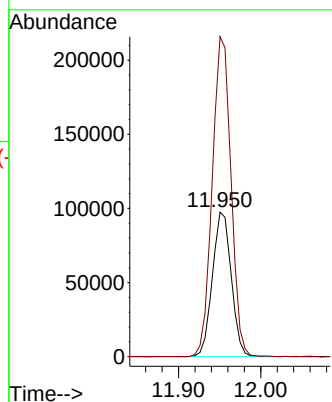
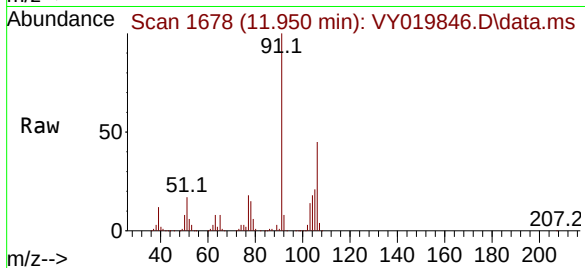
ClientSampleId :

Tgt Ion:106 Resp: 155111

Ion Ratio Lower Upper

106 100

91 220.3 109.5 328.4



#70

Styrene

Concen: 20.021 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. 0.000 min

Lab File: VY019846.D

Acq: 10 Oct 2024 10:36

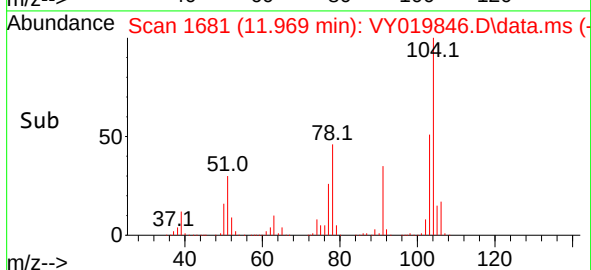
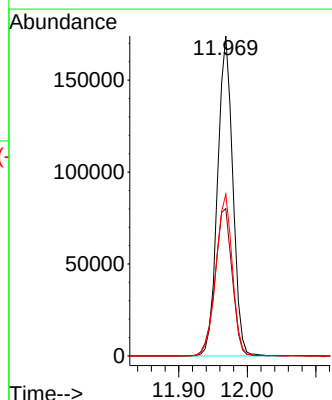
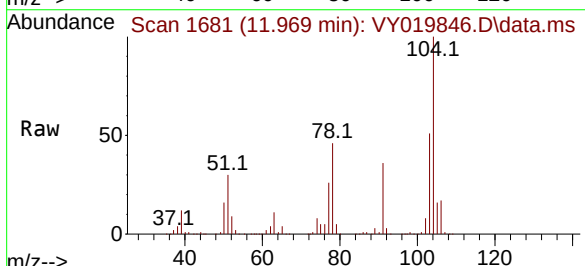
Tgt Ion:104 Resp: 268239

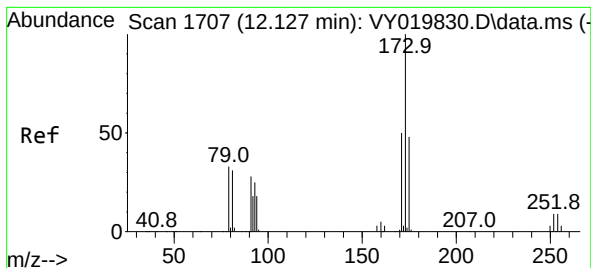
Ion Ratio Lower Upper

104 100

78 51.9 41.9 62.9

103 54.4 43.7 65.5





#71

Bromoform

Concen: 18.887 ug/l

RT: 12.127 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019846.D

Acq: 10 Oct 2024 10:36

Instrument :

MSVOA_Y

ClientSampleId :

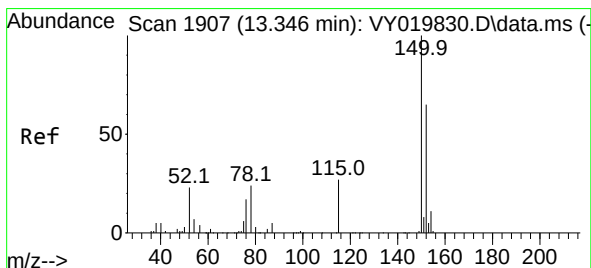
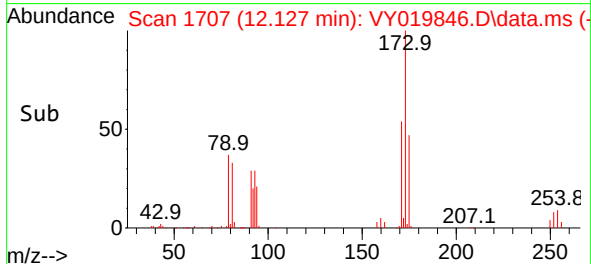
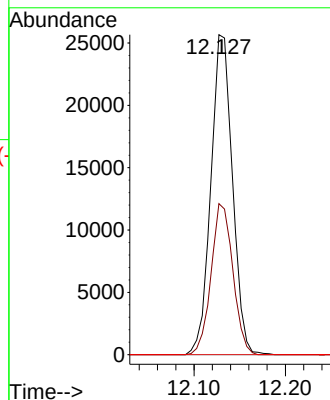
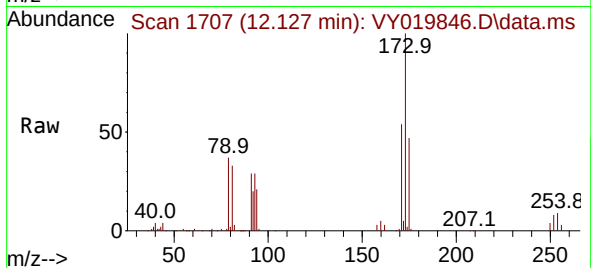
Tgt Ion:173 Resp: 42143

Ion Ratio Lower Upper

173 100

175 47.6 23.6 71.0

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY019846.D

Acq: 10 Oct 2024 10:36

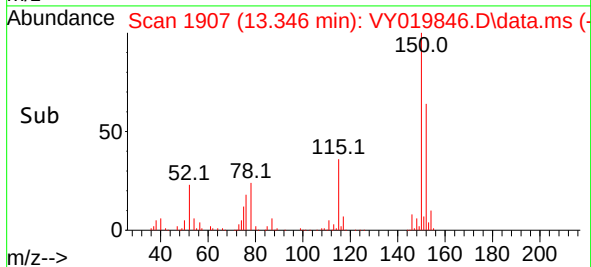
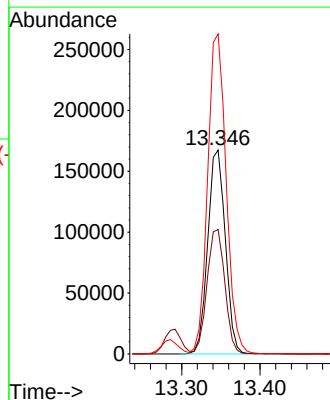
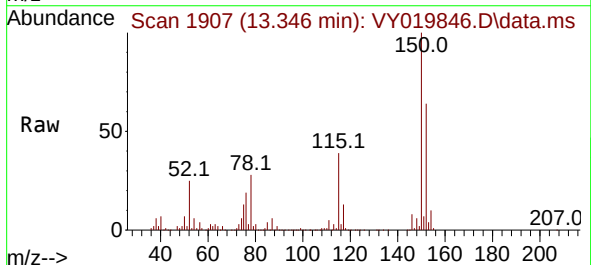
Tgt Ion:152 Resp: 260625

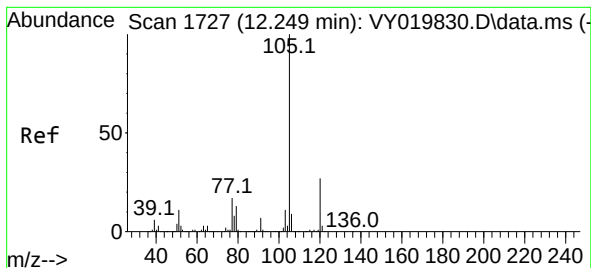
Ion Ratio Lower Upper

152 100

115 61.8 30.8 92.3

150 165.2 0.0 352.8





#73

Isopropylbenzene

Concen: 19.539 ug/l

RT: 12.255 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY019846.D

Acq: 10 Oct 2024 10:36

Instrument :

MSVOA_Y

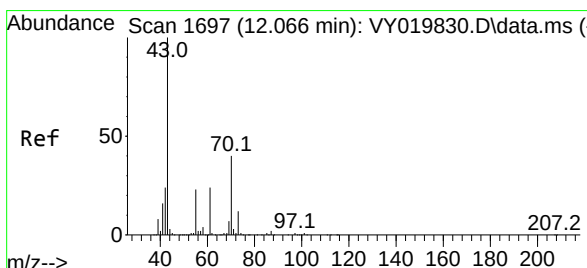
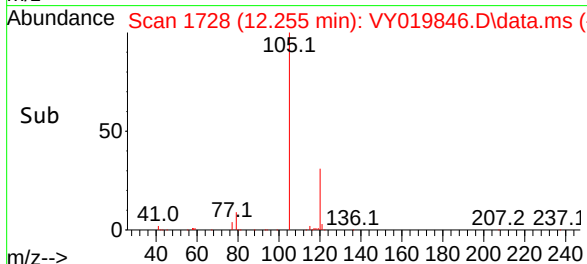
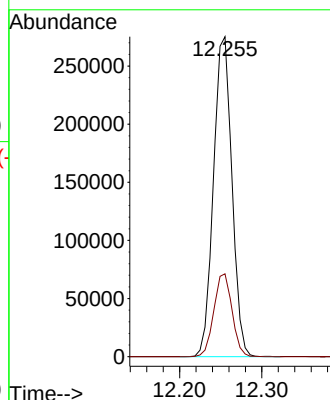
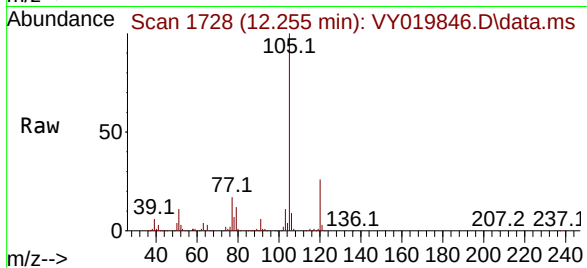
ClientSampleId :

Tgt Ion:105 Resp: 428335

Ion Ratio Lower Upper

105 100

120 25.6 13.0 38.9



#74

N-ethyl acetate

Concen: 19.307 ug/l

RT: 12.066 min Scan# 1697

Delta R.T. 0.000 min

Lab File: VY019846.D

Acq: 10 Oct 2024 10:36

Tgt Ion: 43 Resp: 112099

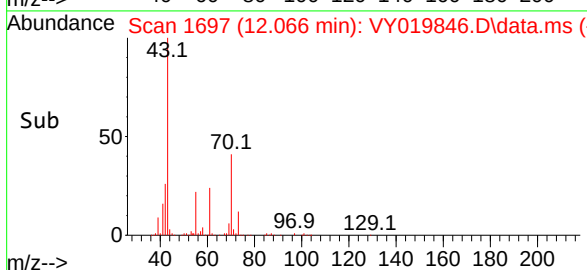
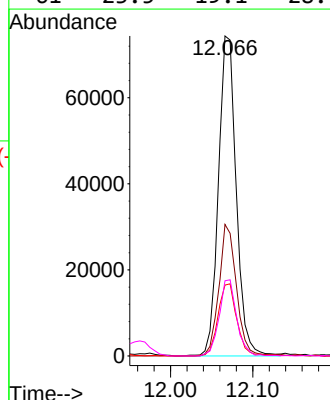
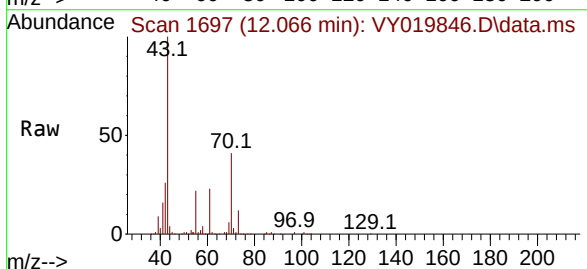
Ion Ratio Lower Upper

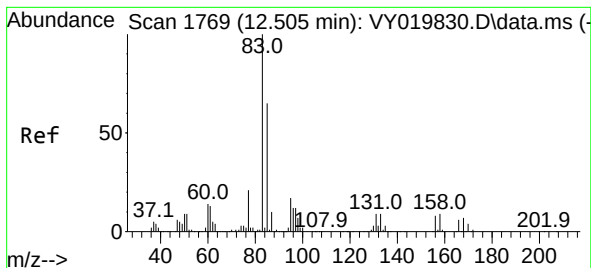
43 100

70 40.3 32.8 49.2

55 23.8 19.3 28.9

61 23.5 19.1 28.7





#75

1,1,2,2-Tetrachloroethane

Concen: 20.330 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY019846.D

Acq: 10 Oct 2024 10:36

Instrument :

MSVOA_Y

ClientSampleId :

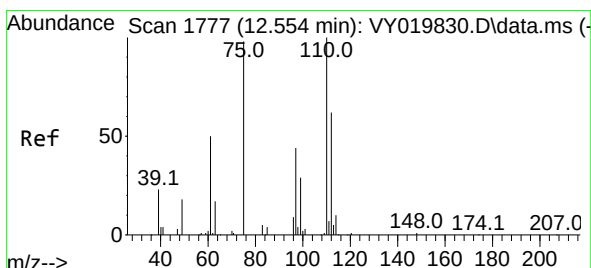
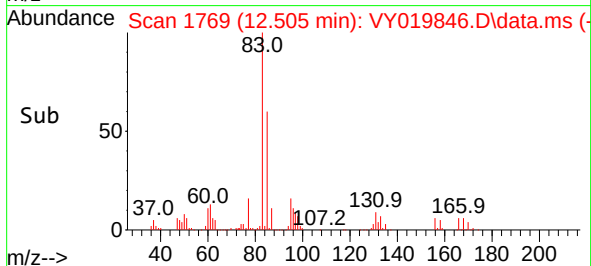
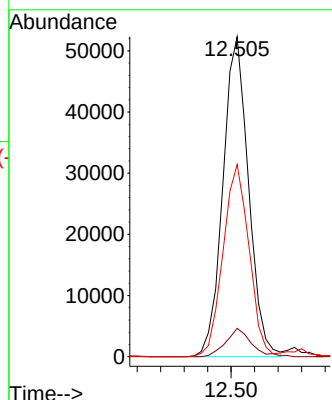
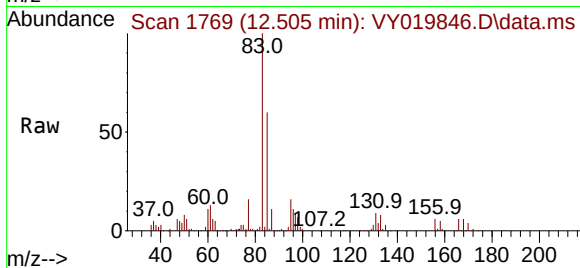
Tgt Ion: 83 Resp: 79193

Ion Ratio Lower Upper

83 100

131 8.8 4.9 14.6

85 61.0 31.7 95.1



#76

1,2,3-Trichloropropane

Concen: 35.776 ug/l

RT: 12.554 min Scan# 1777

Delta R.T. 0.000 min

Lab File: VY019846.D

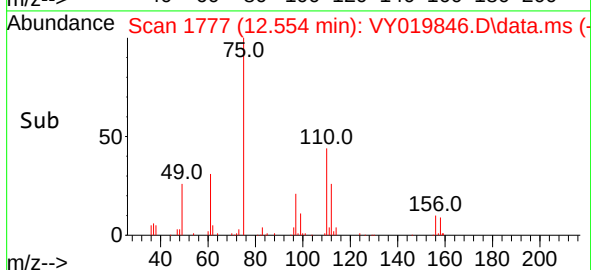
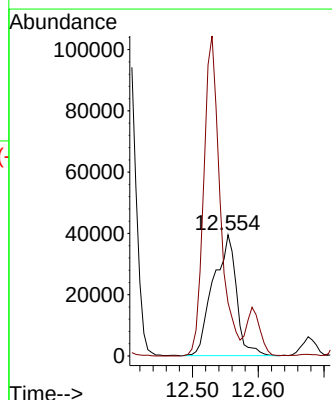
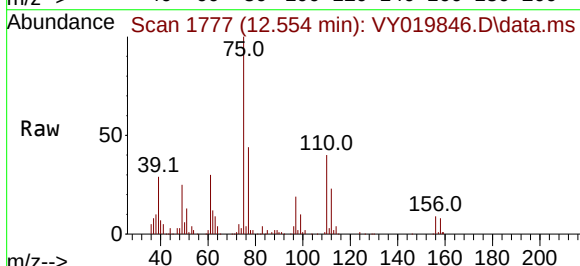
Acq: 10 Oct 2024 10:36

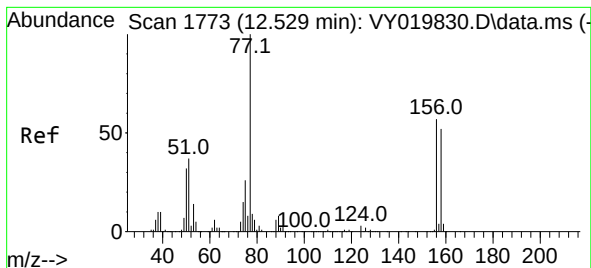
Tgt Ion: 75 Resp: 97090

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 18.814 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY019846.D

Acq: 10 Oct 2024 10:36

Instrument :

MSVOA_Y

ClientSampleId :

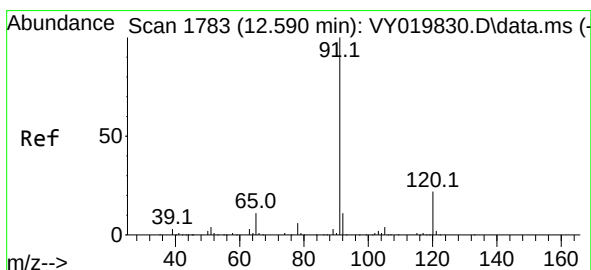
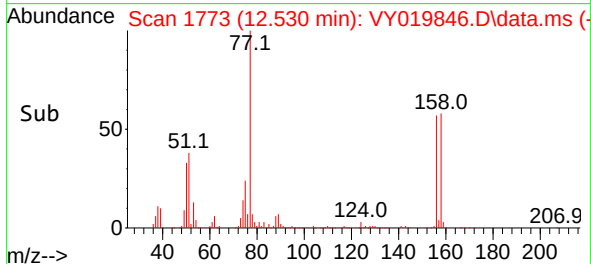
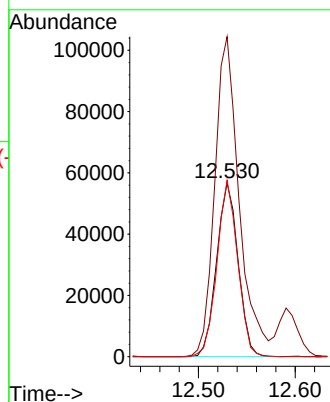
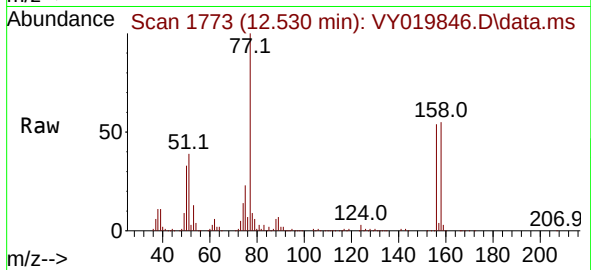
Tgt Ion:156 Resp: 87521

Ion Ratio Lower Upper

156 100

77 208.8 101.3 303.9

158 97.6 47.9 143.6



#78

n-propylbenzene

Concen: 19.961 ug/l

RT: 12.591 min Scan# 1783

Delta R.T. 0.000 min

Lab File: VY019846.D

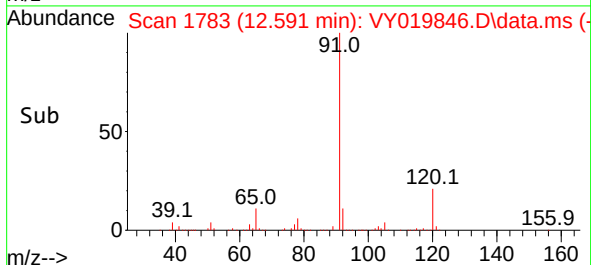
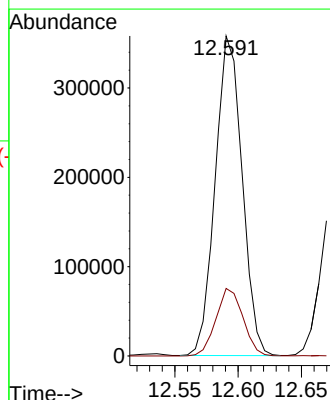
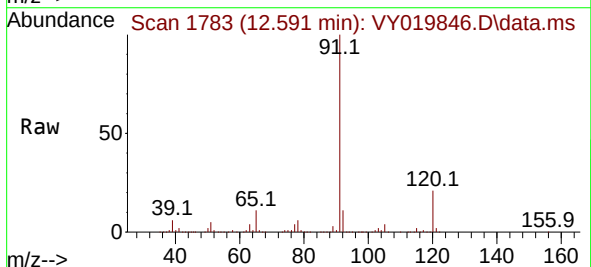
Acq: 10 Oct 2024 10:36

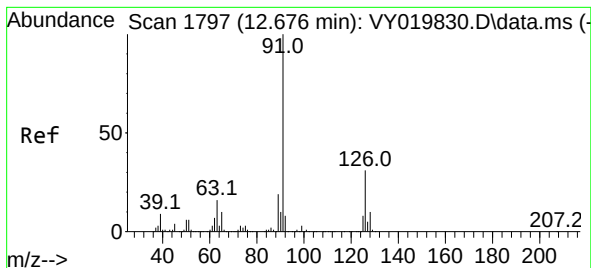
Tgt Ion: 91 Resp: 528746

Ion Ratio Lower Upper

91 100

120 21.3 10.8 32.4

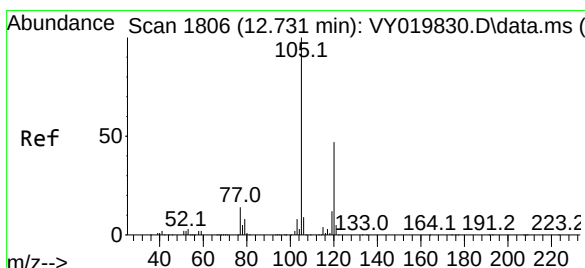
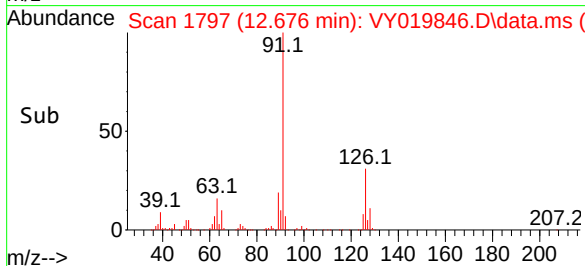
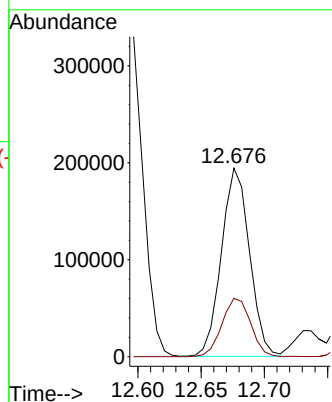
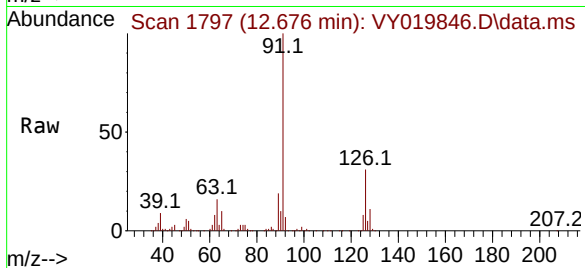




#79
2-Chlorotoluene
Concen: 19.773 ug/l
RT: 12.676 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019846.D
Acq: 10 Oct 2024 10:36

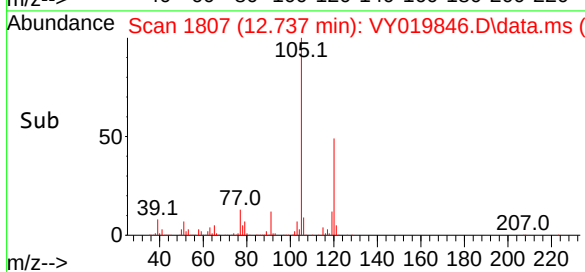
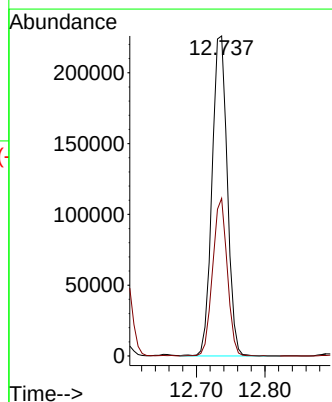
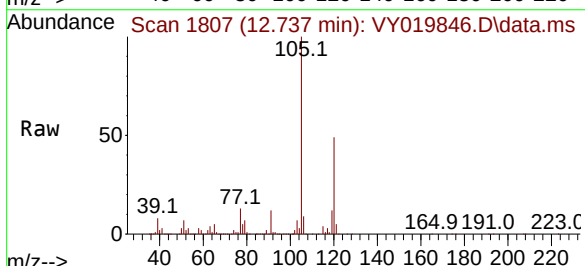
Instrument :
MSVOA_Y
ClientSampleId :

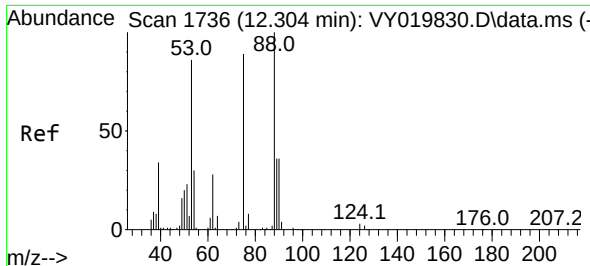
Tgt Ion: 91 Resp: 300264
Ion Ratio Lower Upper
91 100
126 31.7 16.1 48.2



#80
1,3,5-Trimethylbenzene
Concen: 19.752 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VY019846.D
Acq: 10 Oct 2024 10:36

Tgt Ion:105 Resp: 349690
Ion Ratio Lower Upper
105 100
120 47.3 23.8 71.5

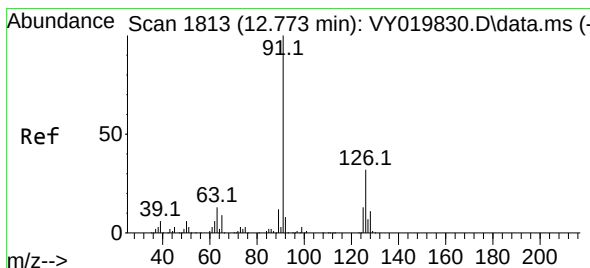
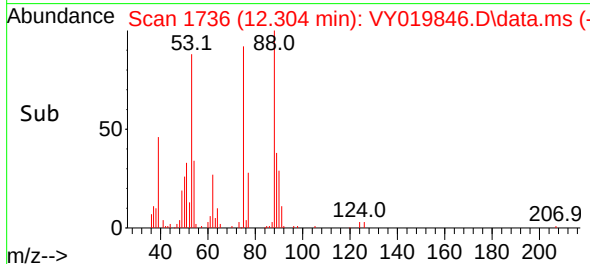
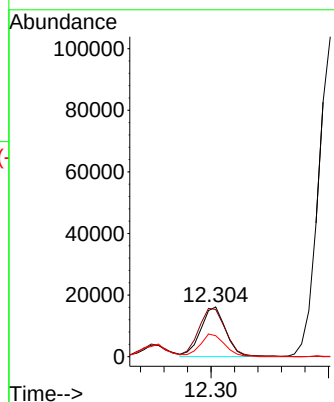
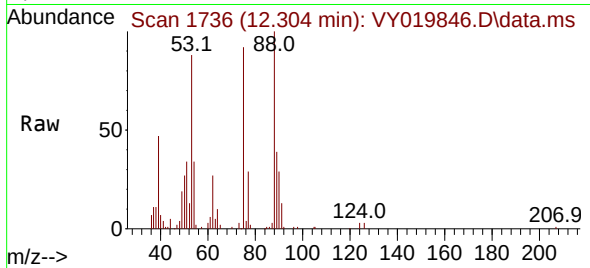




#81
trans-1,4-Dichloro-2-butene
Concen: 18.590 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY019846.D
Acq: 10 Oct 2024 10:36

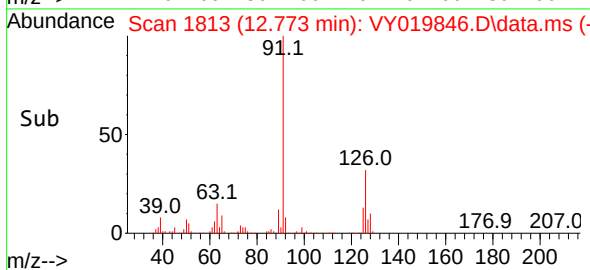
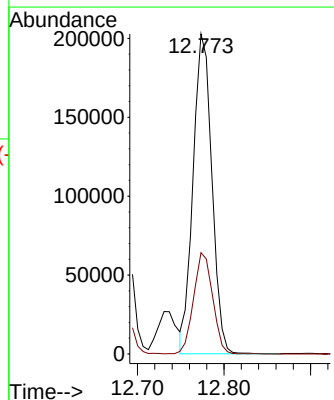
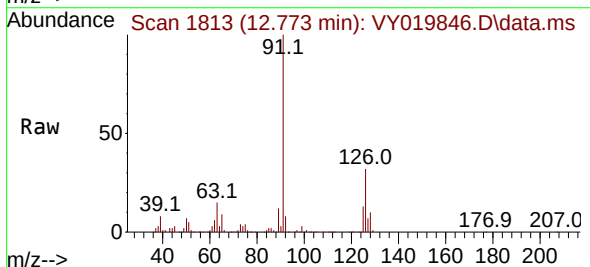
Instrument :
MSVOA_Y
ClientSampleId :

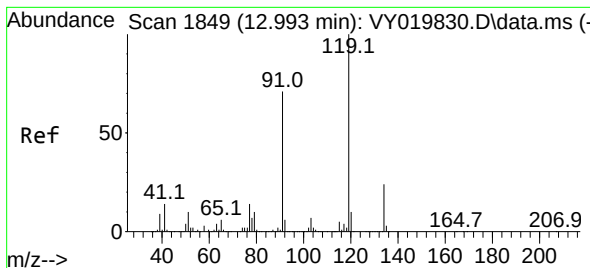
Tgt Ion	Ratio	Lower	Upper
75	100		
53	108.1	84.7	127.1
89	44.4	35.4	53.2



#82
4-Chlorotoluene
Concen: 19.662 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VY019846.D
Acq: 10 Oct 2024 10:36

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.2	16.1	48.3





#83

tert-Butylbenzene

Concen: 19.488 ug/l

RT: 12.993 min Scan# 1849

Delta R.T. 0.000 min

Lab File: VY019846.D

Acq: 10 Oct 2024 10:36

Instrument :

MSVOA_Y

ClientSampleId :

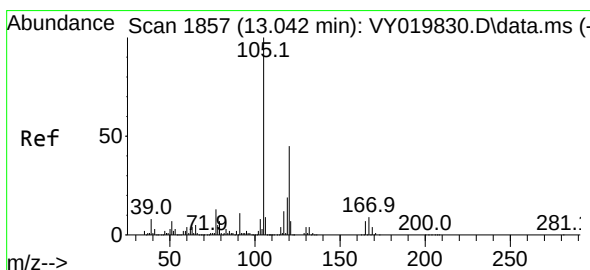
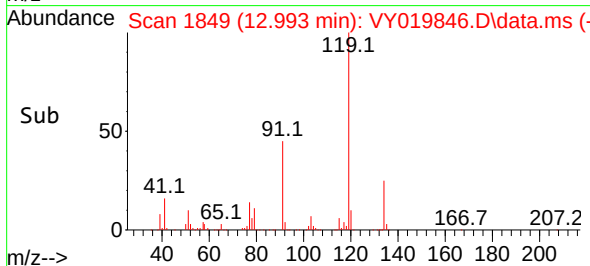
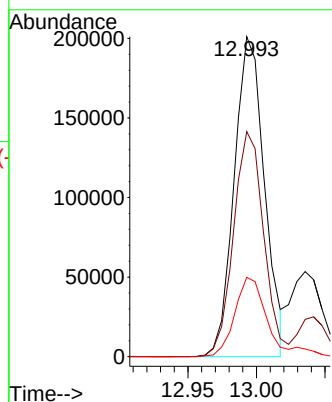
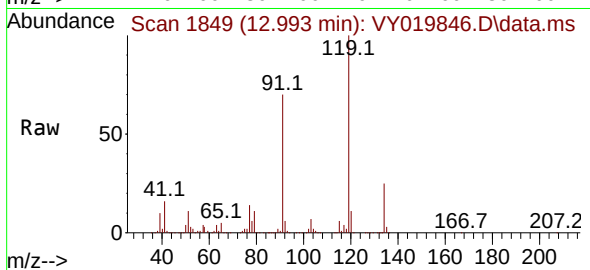
Tgt Ion:119 Resp: 309074

Ion Ratio Lower Upper

119 100

91 70.5 34.6 103.8

134 27.0 13.2 39.6



#84

1,2,4-Trimethylbenzene

Concen: 19.590 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. 0.000 min

Lab File: VY019846.D

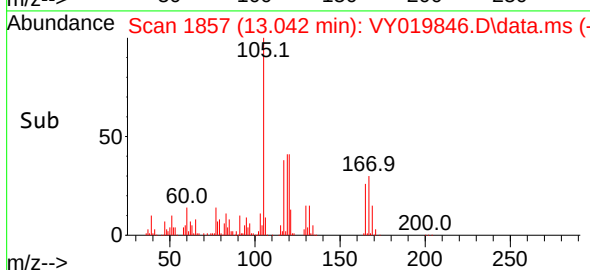
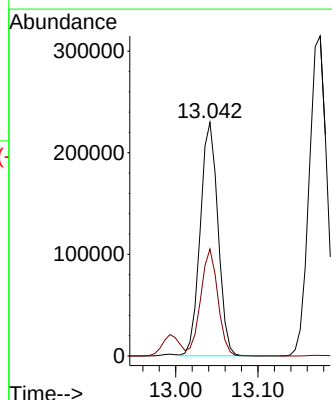
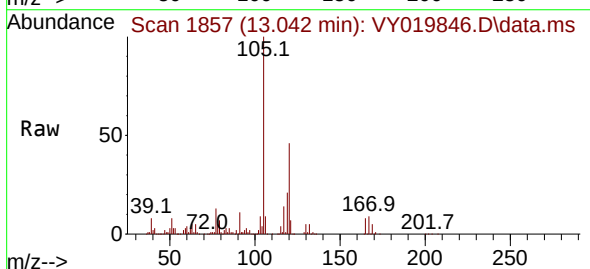
Acq: 10 Oct 2024 10:36

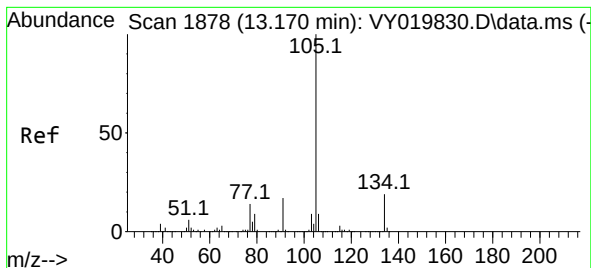
Tgt Ion:105 Resp: 343862

Ion Ratio Lower Upper

105 100

120 44.5 22.1 66.3





#85

sec-Butylbenzene

Concen: 19.942 ug/l

RT: 13.176 min Scan# 1878

Delta R.T. 0.006 min

Lab File: VY019846.D

Acq: 10 Oct 2024 10:36

Instrument :

MSVOA_Y

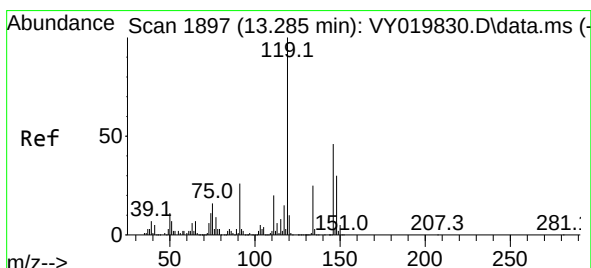
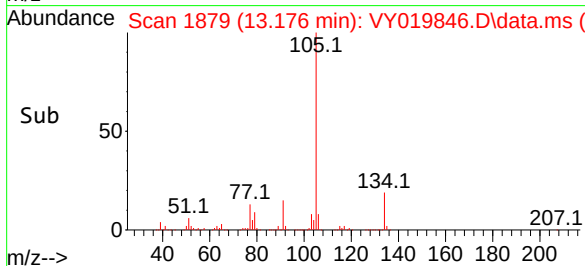
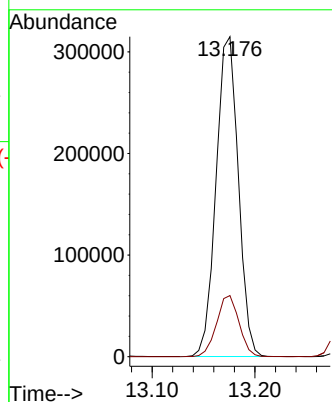
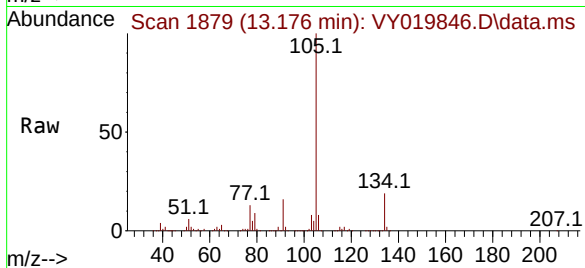
ClientSampleId :

Tgt Ion:105 Resp: 472558

Ion Ratio Lower Upper

105 100

134 19.4 9.8 29.3



#86

p-Isopropyltoluene

Concen: 19.922 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.006 min

Lab File: VY019846.D

Acq: 10 Oct 2024 10:36

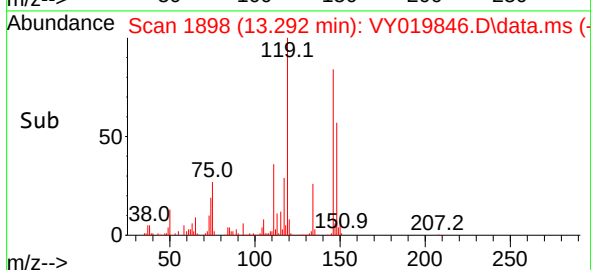
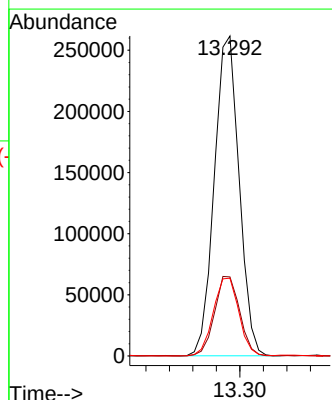
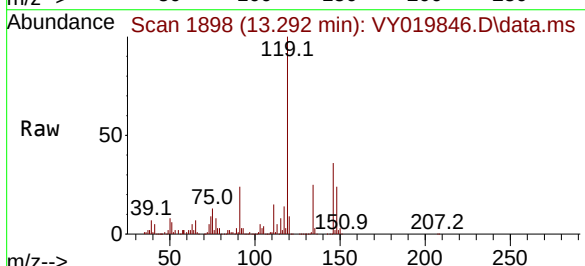
Tgt Ion:119 Resp: 383338

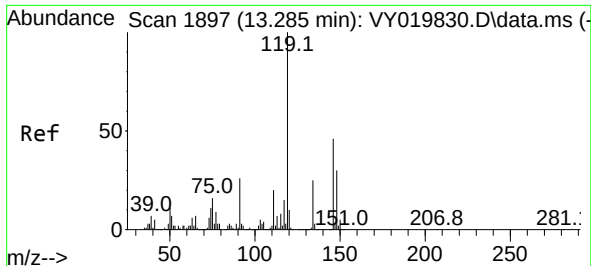
Ion Ratio Lower Upper

119 100

134 25.2 12.8 38.3

91 25.1 12.7 38.0





#87

1,3-Dichlorobenzene

Concen: 19.347 ug/l

RT: 13.286 min Scan# 1897

Delta R.T. 0.000 min

Lab File: VY019846.D

Acq: 10 Oct 2024 10:36

Instrument :

MSVOA_Y

ClientSampleId :

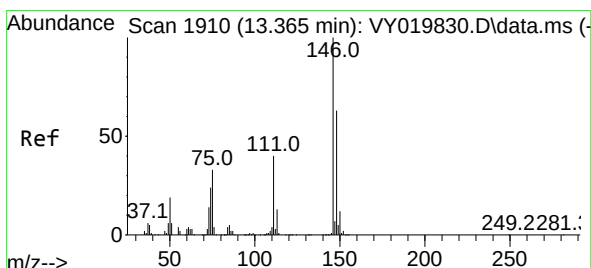
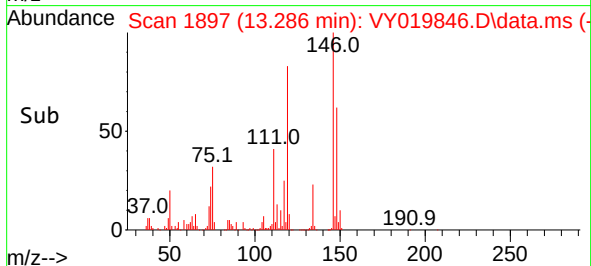
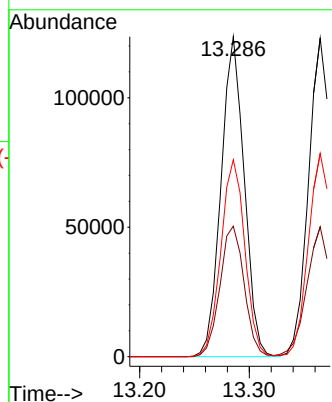
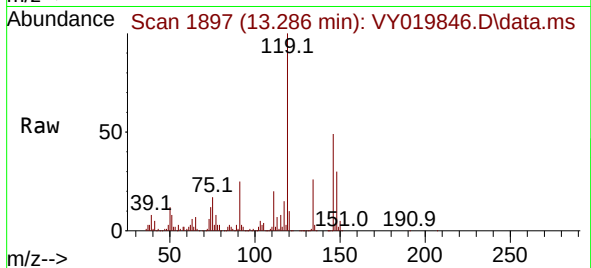
Tgt Ion:146 Resp: 181758

Ion Ratio Lower Upper

146 100

111 42.7 21.1 63.1

148 63.6 32.0 96.2



#88

1,4-Dichlorobenzene

Concen: 19.764 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. 0.000 min

Lab File: VY019846.D

Acq: 10 Oct 2024 10:36

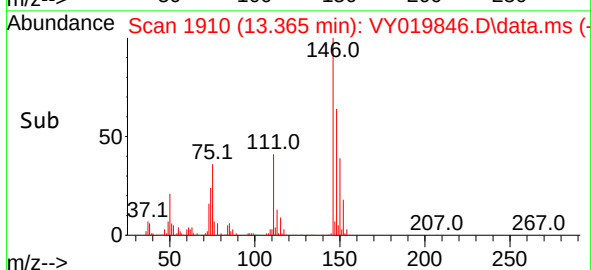
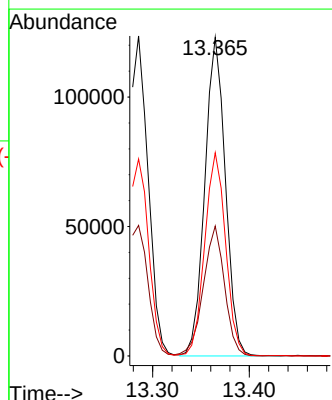
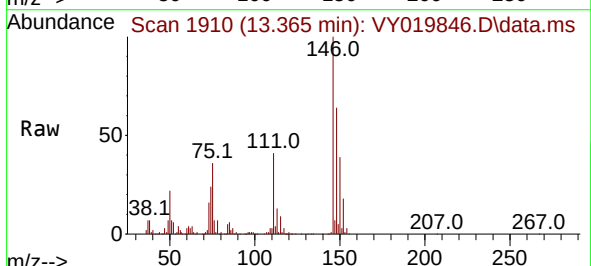
Tgt Ion:146 Resp: 182405

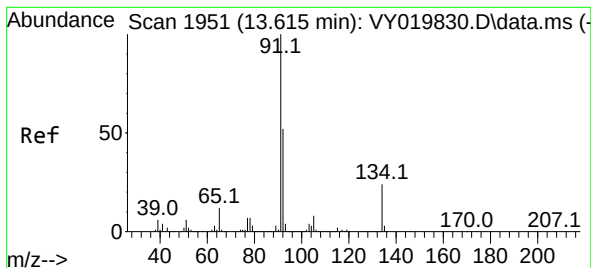
Ion Ratio Lower Upper

146 100

111 42.0 20.3 61.0

148 64.7 32.0 96.0





#89

n-Butylbenzene

Concen: 20.183 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. 0.000 min

Lab File: VY019846.D

Acq: 10 Oct 2024 10:36

Instrument :

MSVOA_Y

ClientSampleId :

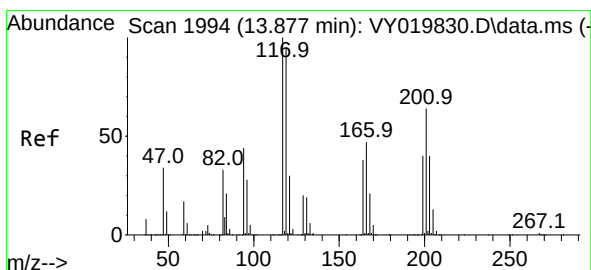
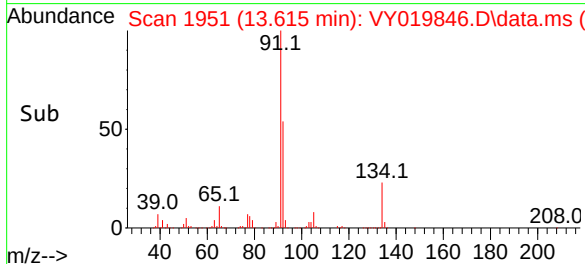
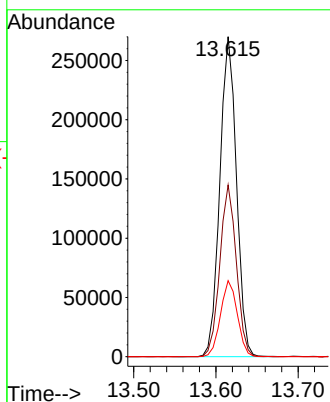
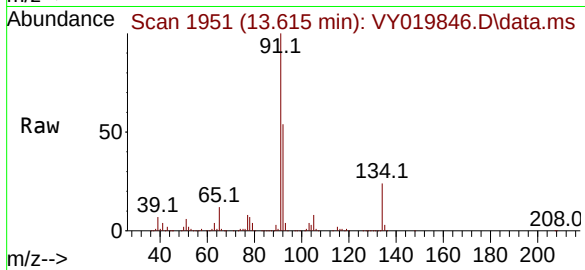
Tgt Ion: 91 Resp: 379207

Ion Ratio Lower Upper

91 100

92 53.3 26.5 79.4

134 24.0 12.0 36.1



#90

Hexachloroethane

Concen: 19.466 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. 0.000 min

Lab File: VY019846.D

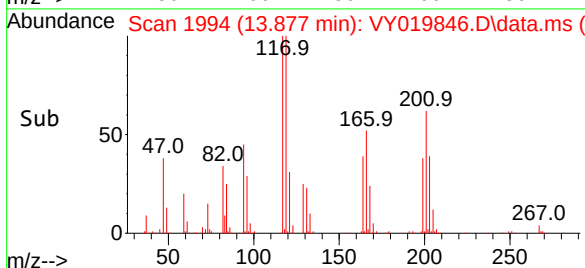
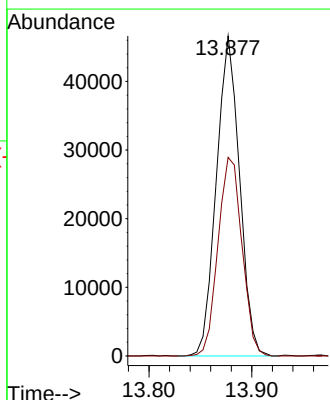
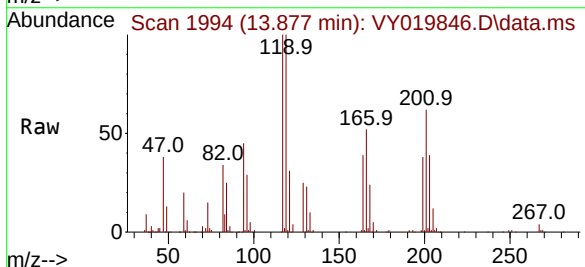
Acq: 10 Oct 2024 10:36

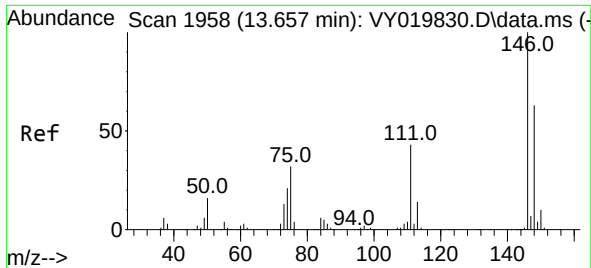
Tgt Ion: 117 Resp: 72935

Ion Ratio Lower Upper

117 100

201 64.2 33.1 99.5





#91

1,2-Dichlorobenzene

Concen: 19.480 ug/l

RT: 13.657 min Scan# 1958

Delta R.T. 0.000 min

Lab File: VY019846.D

Acq: 10 Oct 2024 10:36

Instrument :

MSVOA_Y

ClientSampleId :

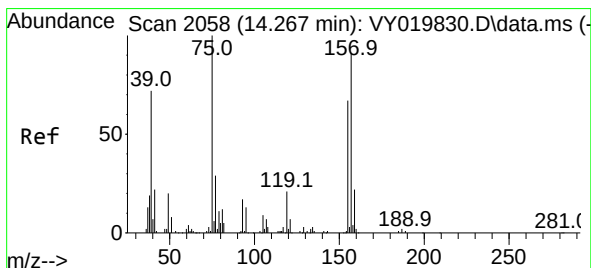
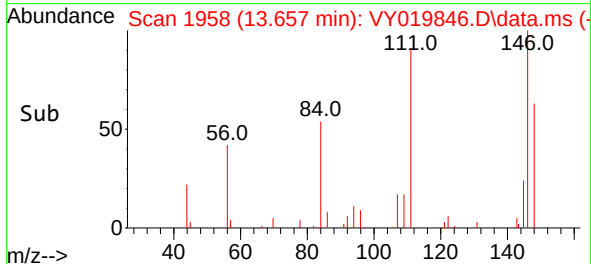
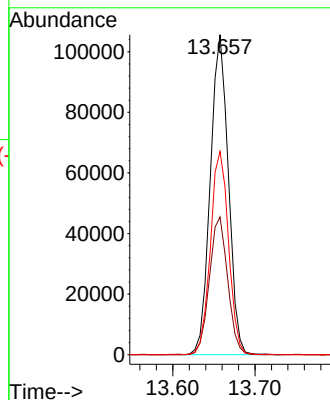
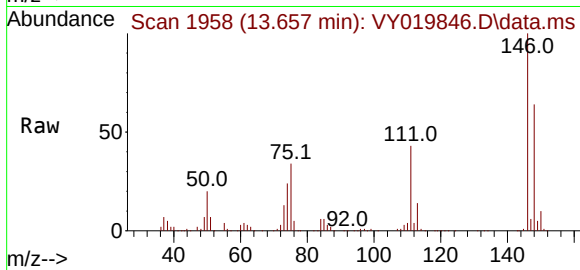
Tgt Ion:146 Resp: 160795

Ion Ratio Lower Upper

146 100

111 43.8 21.8 65.3

148 63.8 32.0 96.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.318 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. 0.006 min

Lab File: VY019846.D

Acq: 10 Oct 2024 10:36

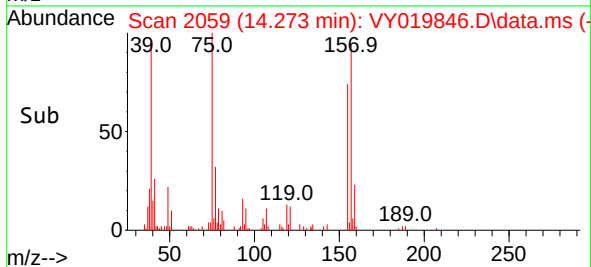
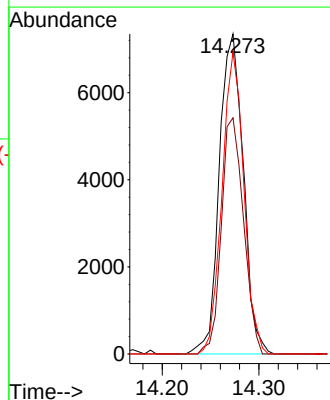
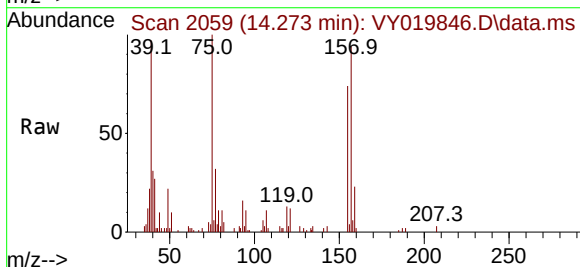
Tgt Ion: 75 Resp: 12631

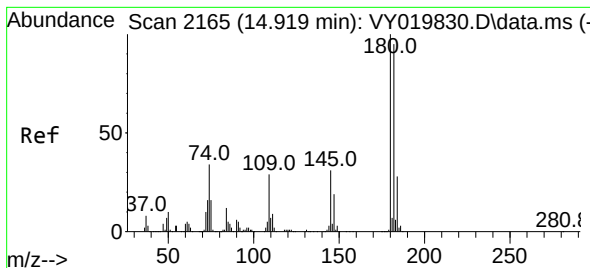
Ion Ratio Lower Upper

75 100

155 68.2 38.5 115.5

157 85.6 49.9 149.7





#93

1,2,4-Trichlorobenzene

Concen: 19.841 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY019846.D

Acq: 10 Oct 2024 10:36

Instrument :

MSVOA_Y

ClientSampleId :

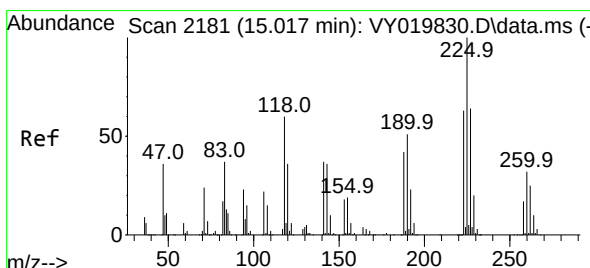
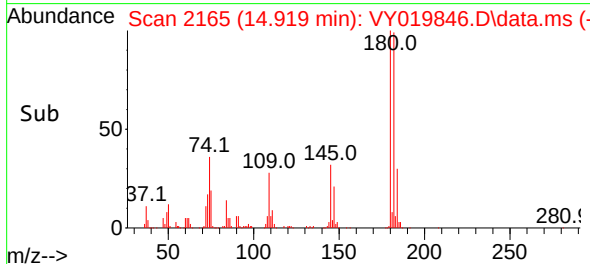
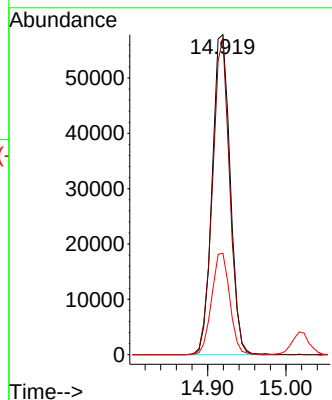
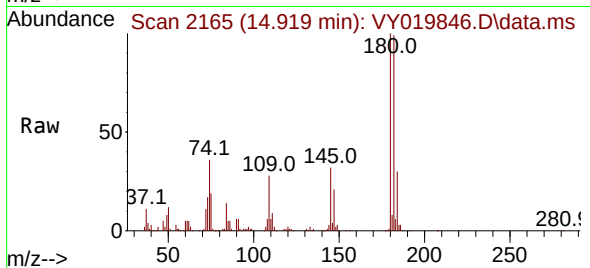
Tgt Ion:180 Resp: 91833

Ion Ratio Lower Upper

180 100

182 94.9 47.4 142.3

145 32.0 16.1 48.2



#94

Hexachlorobutadiene

Concen: 20.517 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.006 min

Lab File: VY019846.D

Acq: 10 Oct 2024 10:36

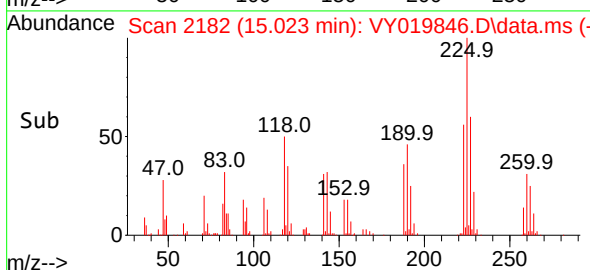
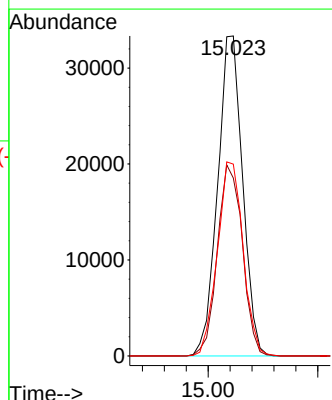
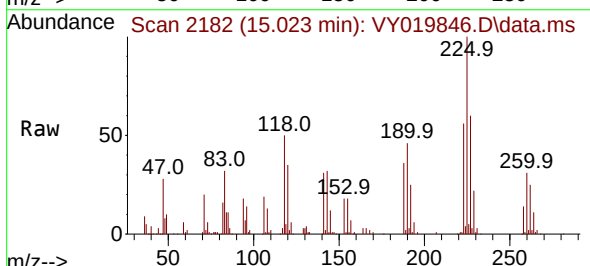
Tgt Ion:225 Resp: 52796

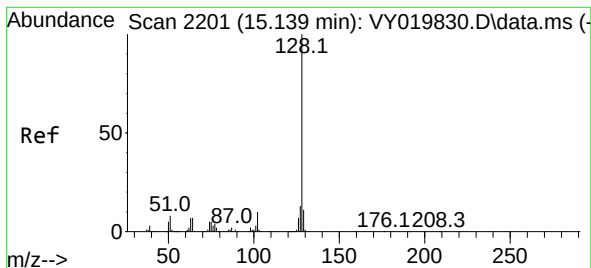
Ion Ratio Lower Upper

225 100

223 59.8 31.6 94.8

227 62.3 32.3 96.8





#95

Naphthalene

Concen: 19.608 ug/l

RT: 15.139 min Scan# 2201

Delta R.T. 0.000 min

Lab File: VY019846.D

Acq: 10 Oct 2024 10:36

Instrument :

MSVOA_Y

ClientSampleId :

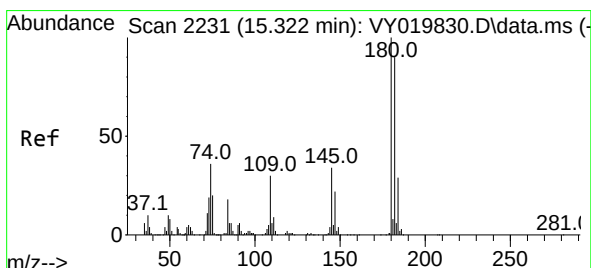
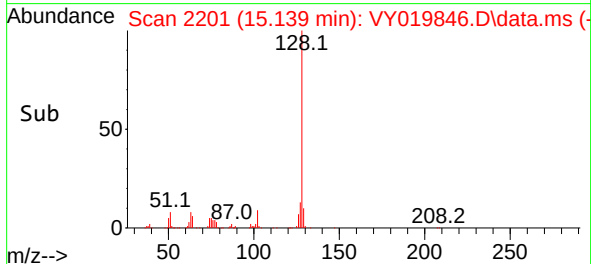
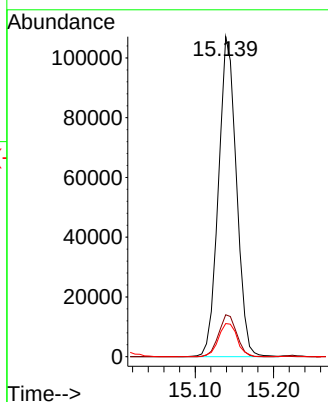
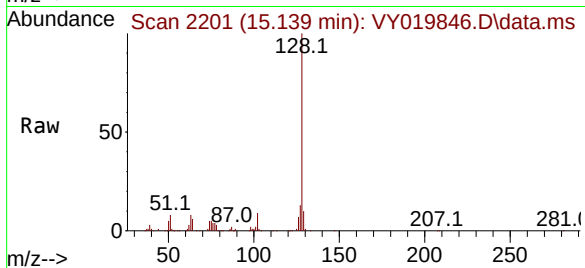
Tgt Ion:128 Resp: 171174

Ion Ratio Lower Upper

128 100

127 13.1 10.4 15.6

129 10.8 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 19.982 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY019846.D

Acq: 10 Oct 2024 10:36

Tgt Ion:180 Resp: 78183

Ion Ratio Lower Upper

180 100

182 93.3 46.8 140.4

145 33.9 16.9 50.6

