

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100924\
 Data File : VY019842.D
 Acq On : 09 Oct 2024 19:00
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 10 05:42:07 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	370943	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	661006	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.413	117	575209	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	278078	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.060	65	235026	51.457	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.920%	
35) Dibromofluoromethane	7.640	113	221850	50.861	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.720%	
50) Toluene-d8	10.109	98	815056	50.600	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.200%	
62) 4-Bromofluorobenzene	12.401	95	294415	50.584	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 101.160%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.866	85	138632	40.146	ug/l	98
3) Chloromethane	2.068	50	197766	44.003	ug/l	100
4) Vinyl Chloride	2.208	62	214272	43.324	ug/l	98
5) Bromomethane	2.598	94	144013	46.004	ug/l	100
6) Chloroethane	2.738	64	142959	43.027	ug/l	100
7) Trichlorofluoromethane	3.061	101	303938	41.300	ug/l	98
8) Diethyl Ether	3.458	74	97227	43.470	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.817	101	180306	42.121	ug/l	98
10) Methyl Iodide	4.006	142	189798	43.840	ug/l	100
11) Tert butyl alcohol	4.860	59	78722	209.929	ug/l	98
12) 1,1-Dichloroethene	3.793	96	169743	42.655	ug/l	96
13) Acrolein	3.653	56	92732	276.307	ug/l	99
14) Allyl chloride	4.390	41	312320	43.498	ug/l	99
15) Acrylonitrile	5.061	53	226334	221.241	ug/l	99
16) Acetone	3.872	43	218411	183.698	ug/l	100
17) Carbon Disulfide	4.110	76	480489	45.047	ug/l	100
18) Methyl Acetate	4.390	43	118637	46.320	ug/l	99
19) Methyl tert-butyl Ether	5.116	73	500308	43.761	ug/l	97
20) Methylene Chloride	4.622	84	198307	41.327	ug/l	98
21) trans-1,2-Dichloroethene	5.116	96	190261	43.928	ug/l	99
22) Diisopropyl ether	6.018	45	698287	44.648	ug/l	97
23) Vinyl Acetate	5.963	43	1957451	218.320	ug/l	98
24) 1,1-Dichloroethane	5.921	63	383859	44.153	ug/l	99
25) 2-Butanone	6.896	43	322799	202.831	ug/l	99
26) 2,2-Dichloropropane	6.890	77	312654	40.382	ug/l	100
27) cis-1,2-Dichloroethene	6.896	96	236169	44.124	ug/l	99
28) Bromochloromethane	7.250	49	179150	46.818	ug/l	100
29) Tetrahydrofuran	7.262	42	197111	216.917	ug/l	100
30) Chloroform	7.420	83	391464	44.172	ug/l	98
31) Cyclohexane	7.701	56	309517	40.557	ug/l	96
32) 1,1,1-Trichloroethane	7.615	97	333677	42.963	ug/l	99
36) 1,1-Dichloropropene	7.835	75	266655	42.433	ug/l	100
37) Ethyl Acetate	6.981	43	136412	41.630	ug/l	98
38) Carbon Tetrachloride	7.823	117	282655	41.957	ug/l	99
39) Methylcyclohexane	9.109	83	325422	41.099	ug/l	98
40) Benzene	8.079	78	820335	43.134	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	68786	38.786	ug/l #	88
42) 1,2-Dichloroethane	8.158	62	236256	43.240	ug/l	100
43) Isopropyl Acetate	8.201	43	286271	42.838	ug/l	98
44) Trichloroethene	8.865	130	193160	41.934	ug/l	93
45) 1,2-Dichloropropane	9.139	63	202260	42.490	ug/l	99
46) Dibromomethane	9.231	93	111406	42.836	ug/l	98
47) Bromodichloromethane	9.420	83	299358	43.365	ug/l	97
48) Methyl methacrylate	9.219	41	131220	44.639	ug/l	97
49) 1,4-Dioxane	9.231	88	24224	832.198	ug/l	93
51) 4-Methyl-2-Pentanone	9.999	43	729030	213.880	ug/l	99
52) Toluene	10.170	92	513166	43.227	ug/l	100
53) t-1,3-Dichloropropene	10.395	75	261164	42.047	ug/l	97
54) cis-1,3-Dichloropropene	9.853	75	310020	42.300	ug/l	99
55) 1,1,2-Trichloroethane	10.572	97	143787	41.963	ug/l	96
56) Ethyl methacrylate	10.438	69	216299	43.993	ug/l	99
57) 1,3-Dichloropropane	10.712	76	258543	42.966	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	591450	258.401	ug/l	98
59) 2-Hexanone	10.755	43	505511	207.643	ug/l	99
60) Dibromochloromethane	10.907	129	188069	42.762	ug/l	98
61) 1,2-Dibromoethane	11.011	107	131560	42.488	ug/l	98
64) Tetrachloroethene	10.645	164	170401	41.649	ug/l	98
65) Chlorobenzene	11.438	112	556875	42.327	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.511	131	187851	42.202	ug/l	99
67) Ethyl Benzene	11.517	91	1004614	42.036	ug/l	98
68) m/p-Xylenes	11.627	106	735229	83.298	ug/l	99
69) o-Xylene	11.950	106	356049	41.984	ug/l	99
70) Styrene	11.968	104	613677	42.891	ug/l	99
71) Bromoform	12.127	173	98397	41.293	ug/l #	97
73) Isopropylbenzene	12.249	105	954388	40.803	ug/l	100
74) N-amyl acetate	12.066	43	259315	41.859	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	172604	41.530	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	220432	76.127	ug/l #	100
77) Bromobenzene	12.529	156	201350	40.566	ug/l	97
78) n-propylbenzene	12.590	91	1153387	40.810	ug/l	100
79) 2-Chlorotoluene	12.675	91	666087	41.109	ug/l	100
80) 1,3,5-Trimethylbenzene	12.730	105	766018	40.552	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.297	75	54531	40.405	ug/l	97
82) 4-Chlorotoluene	12.773	91	674367	40.705	ug/l	100
83) tert-Butylbenzene	12.992	119	685881	40.532	ug/l	99
84) 1,2,4-Trimethylbenzene	13.041	105	768896	41.056	ug/l	99
85) sec-Butylbenzene	13.169	105	1023580	40.485	ug/l	100
86) p-Isopropyltoluene	13.285	119	816887	39.789	ug/l	100
87) 1,3-Dichlorobenzene	13.285	146	401021	40.008	ug/l	99
88) 1,4-Dichlorobenzene	13.364	146	398972	40.516	ug/l	99
89) n-Butylbenzene	13.614	91	800401	39.926	ug/l	100
90) Hexachloroethane	13.876	117	161284	40.344	ug/l	97
91) 1,2-Dichlorobenzene	13.657	146	357740	40.619	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.267	75	26045	39.266	ug/l	98
93) 1,2,4-Trichlorobenzene	14.919	180	196243	39.737	ug/l	99
94) Hexachlorobutadiene	15.023	225	104711	38.137	ug/l	100
95) Naphthalene	15.138	128	391697	42.053	ug/l	99
96) 1,2,3-Trichlorobenzene	15.321	180	169091	40.504	ug/l	100

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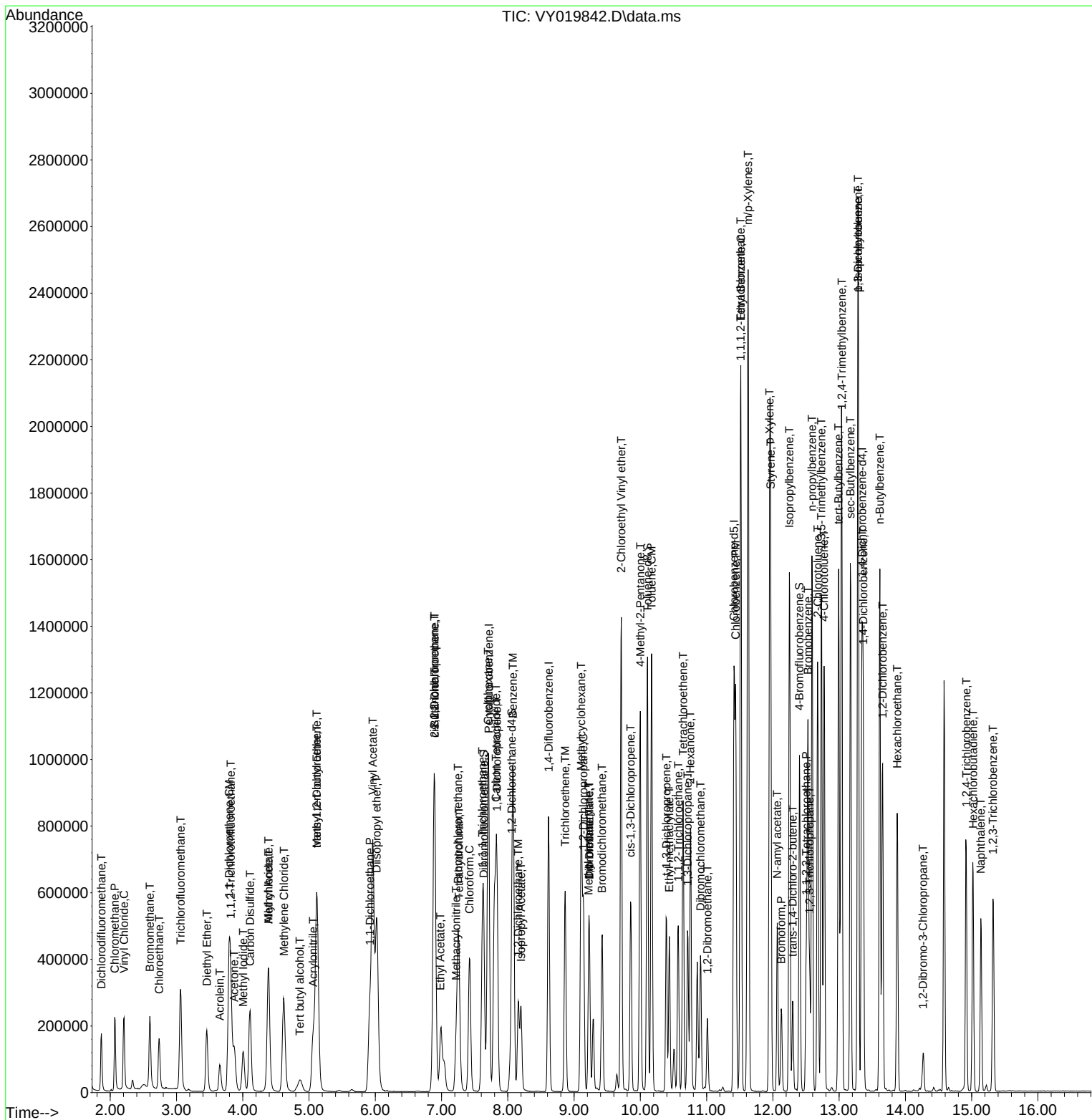
Instrument :
MSVOA_Y
ClientSampleId :

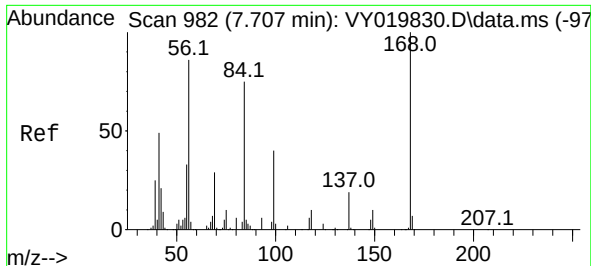
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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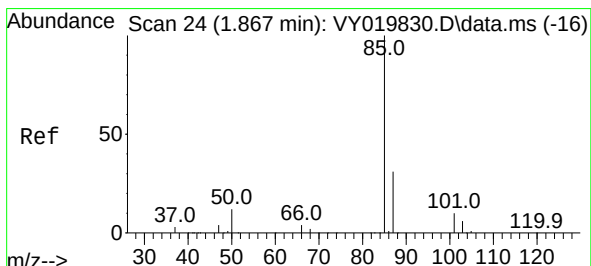
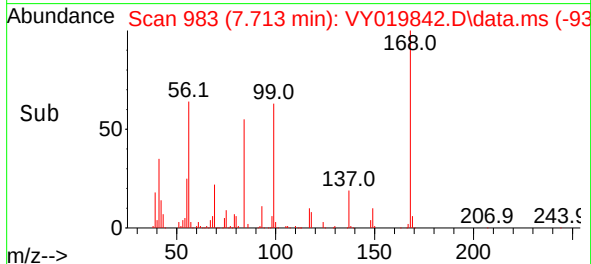
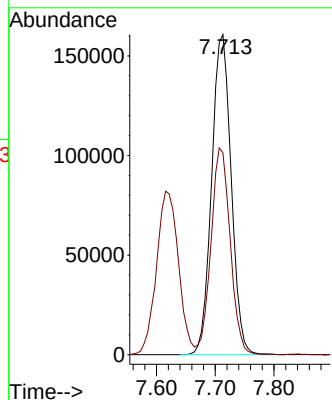
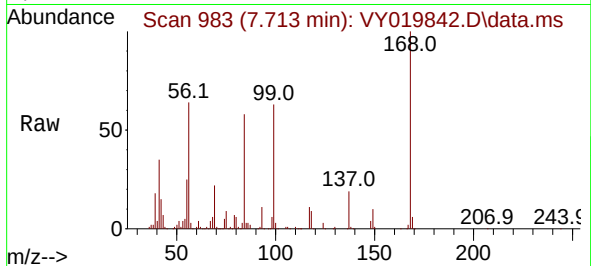




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019842.D
Acq: 09 Oct 2024 19:00

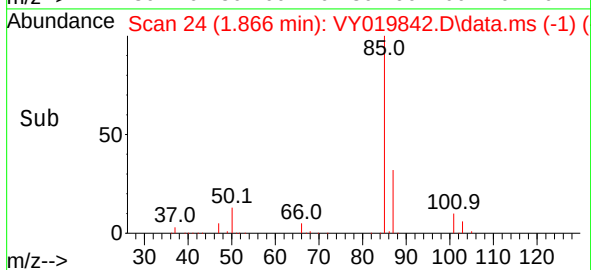
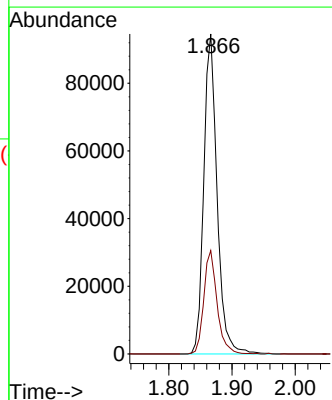
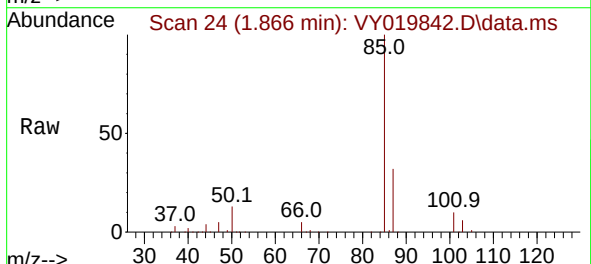
Instrument :
MSVOA_Y
ClientSampleId :

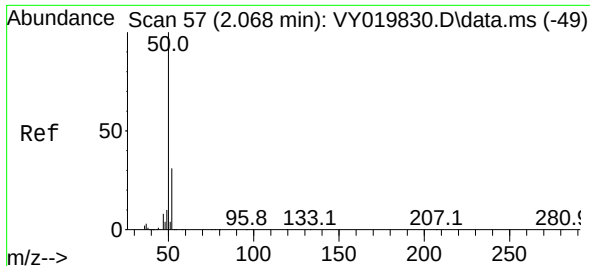
Tgt Ion:168 Resp: 370943
Ion Ratio Lower Upper
168 100
99 63.1 52.6 78.8



#2
Dichlorodifluoromethane
Concen: 40.146 ug/l
RT: 1.866 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY019842.D
Acq: 09 Oct 2024 19:00

Tgt Ion: 85 Resp: 138632
Ion Ratio Lower Upper
85 100
87 32.3 15.7 47.1

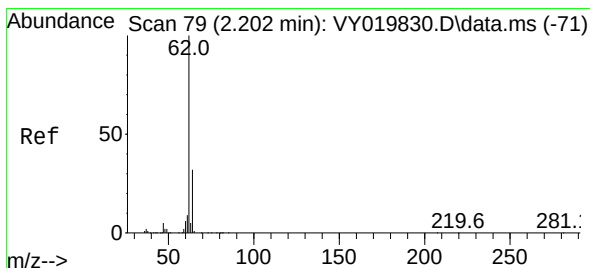
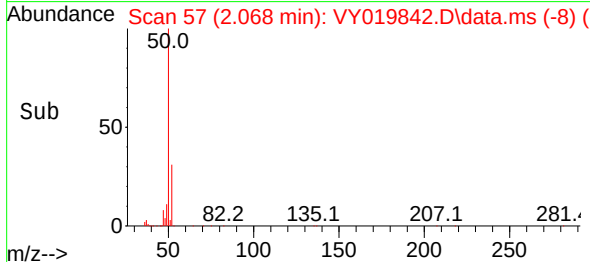
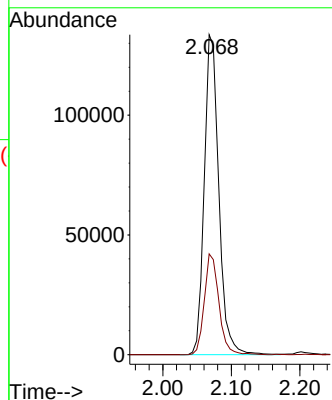
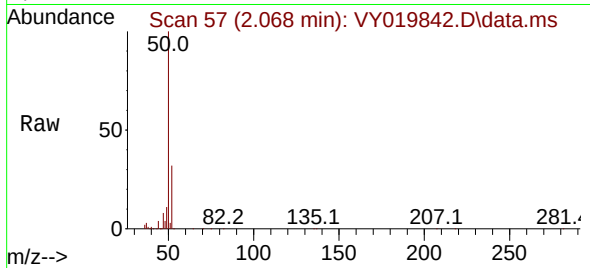




#3
Chloromethane
Concen: 44.003 ug/l
RT: 2.068 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY019842.D
Acq: 09 Oct 2024 19:00

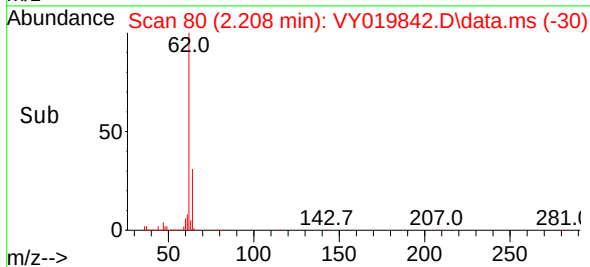
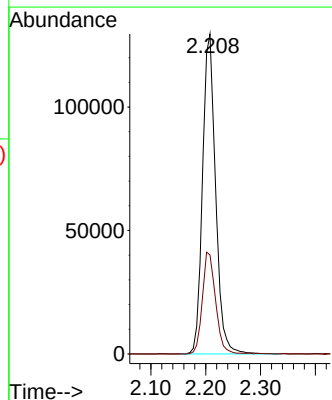
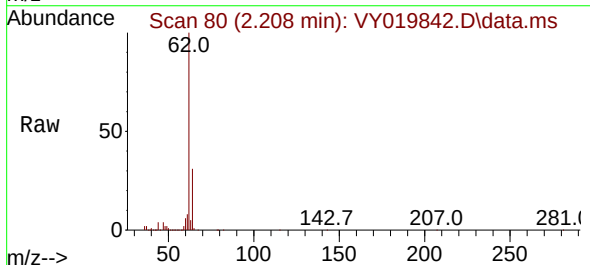
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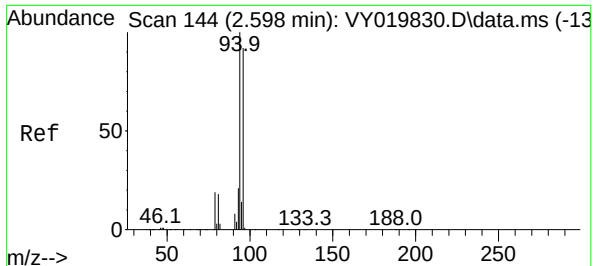
Tgt Ion: 50 Resp: 197766
Ion Ratio Lower Upper
50 100
52 31.5 25.1 37.7



#4
Vinyl Chloride
Concen: 43.324 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY019842.D
Acq: 09 Oct 2024 19:00

Tgt Ion: 62 Resp: 214272
Ion Ratio Lower Upper
62 100
64 30.9 25.6 38.4





#5

Bromomethane

Concen: 46.004 ug/l

RT: 2.598 min Scan# 144

Delta R.T. -0.000 min

Lab File: VY019842.D

Acq: 09 Oct 2024 19:00

Instrument :

MSVOA_Y

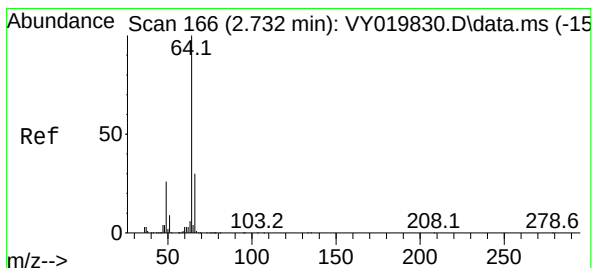
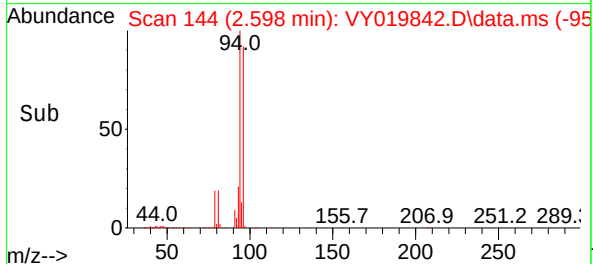
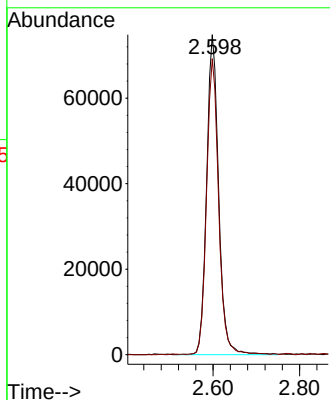
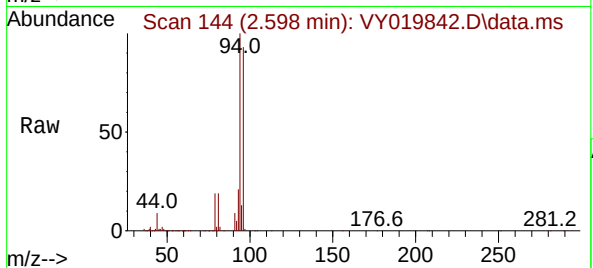
ClientSampleId :

Tgt Ion: 94 Resp: 144013

Ion Ratio Lower Upper

94 100

96 92.4 73.6 110.4



#6

Chloroethane

Concen: 43.027 ug/l

RT: 2.738 min Scan# 167

Delta R.T. 0.006 min

Lab File: VY019842.D

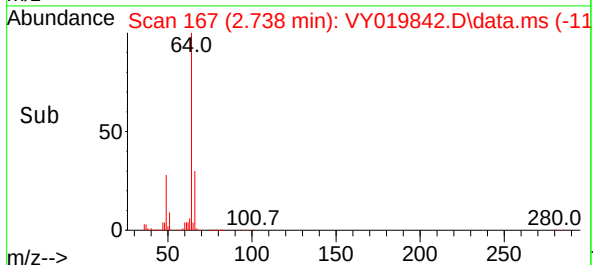
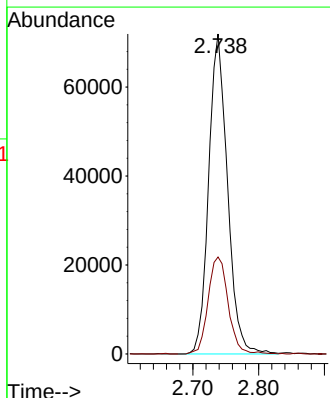
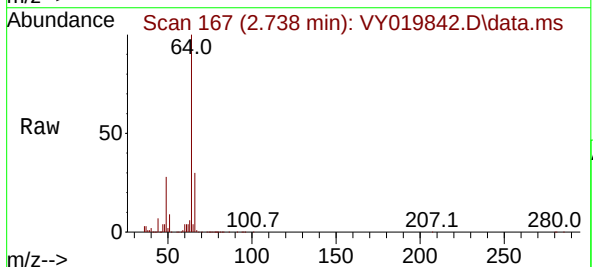
Acq: 09 Oct 2024 19:00

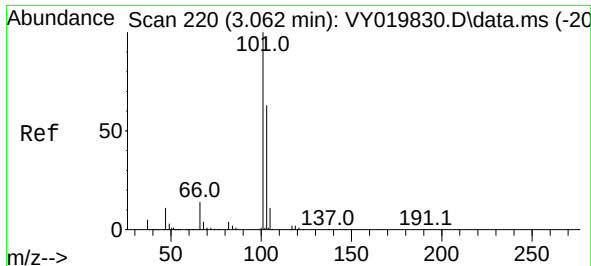
Tgt Ion: 64 Resp: 142959

Ion Ratio Lower Upper

64 100

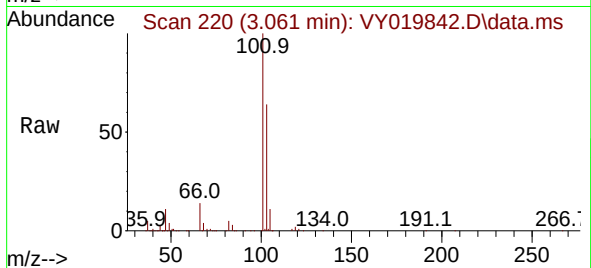
66 30.3 24.2 36.2



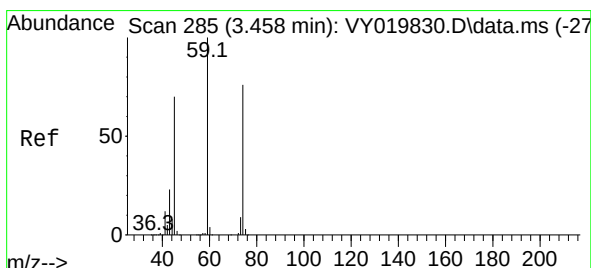
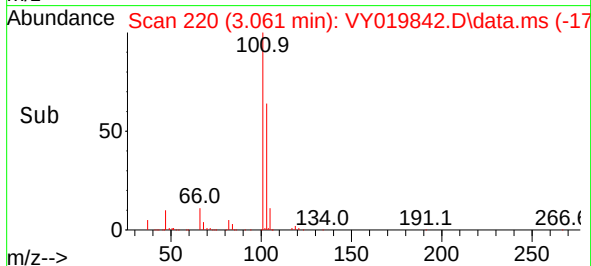
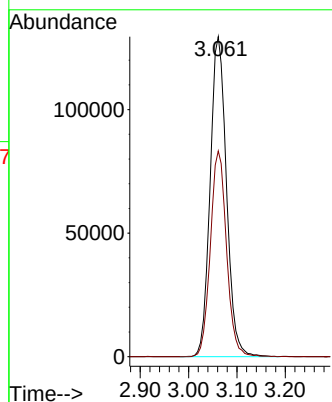


#7
 Trichlorofluoromethane
 Concen: 41.300 ug/l
 RT: 3.061 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VY019842.D
 Acq: 09 Oct 2024 19:00

Instrument :
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 ClientSampleId :

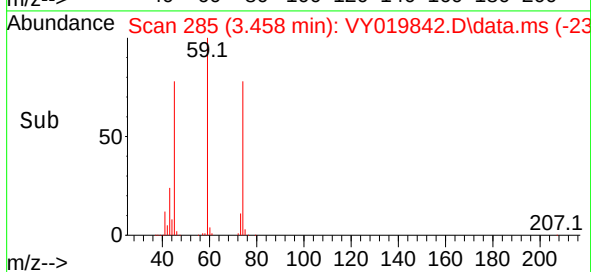
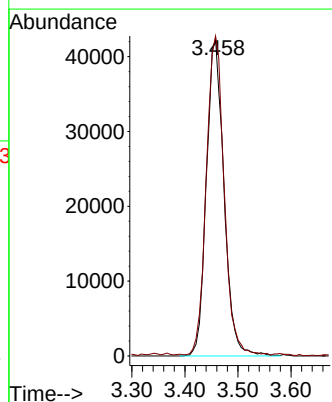
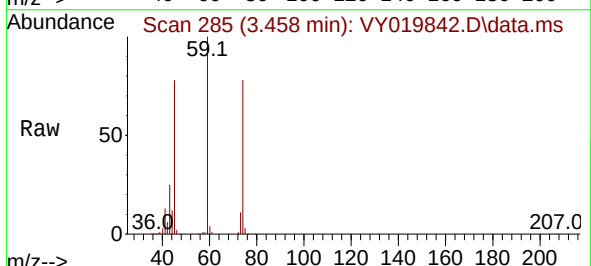


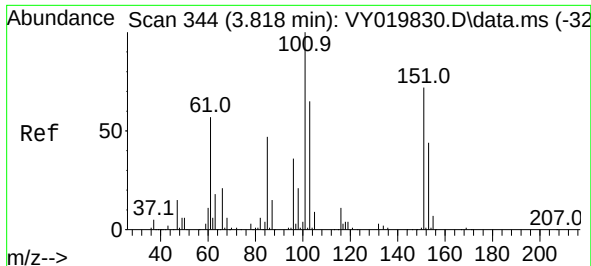
Tgt Ion:101 Resp: 303938
 Ion Ratio Lower Upper
 101 100
 103 64.3 50.1 75.1



#8
 Diethyl Ether
 Concen: 43.470 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. -0.000 min
 Lab File: VY019842.D
 Acq: 09 Oct 2024 19:00

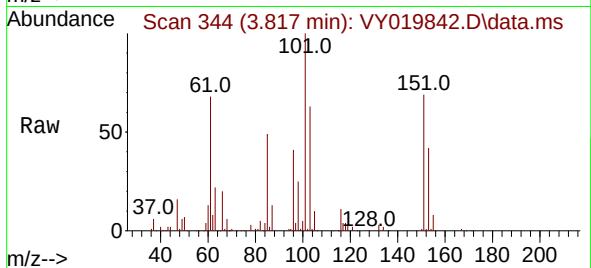
Tgt Ion: 74 Resp: 97227
 Ion Ratio Lower Upper
 74 100
 45 102.7 49.9 149.6



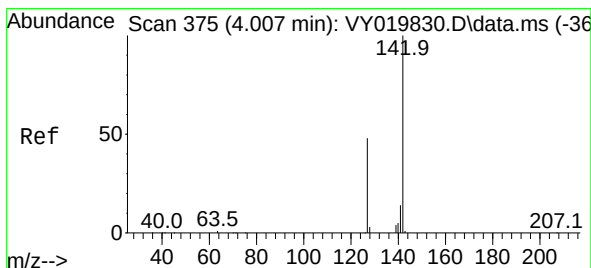
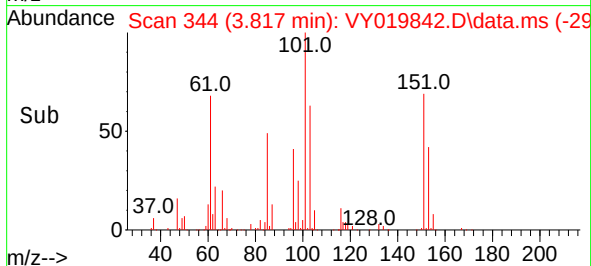
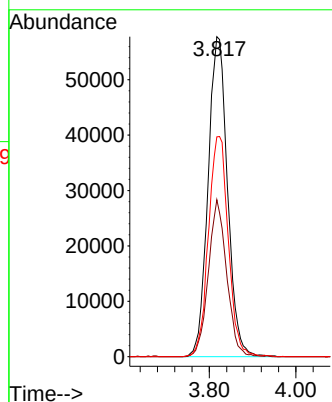


#9
1,1,2-Trichlorotrifluoroethane
Concen: 42.121 ug/l
RT: 3.817 min Scan# 344
Delta R.T. -0.000 min
Lab File: VY019842.D
Acq: 09 Oct 2024 19:00

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MSVOA_Y
ClientSampleId :

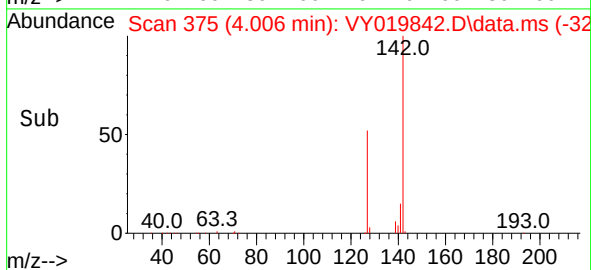
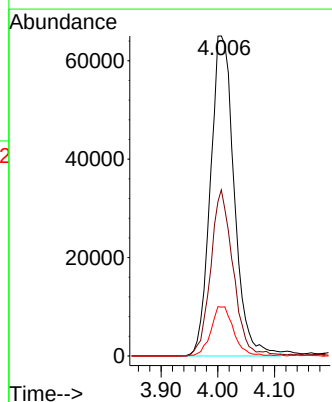
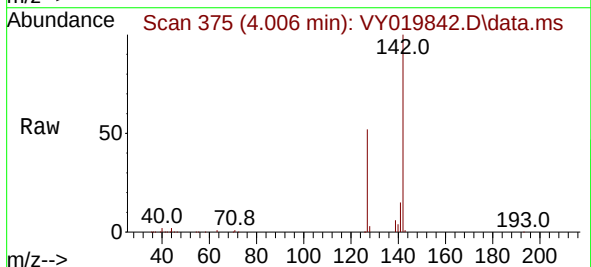


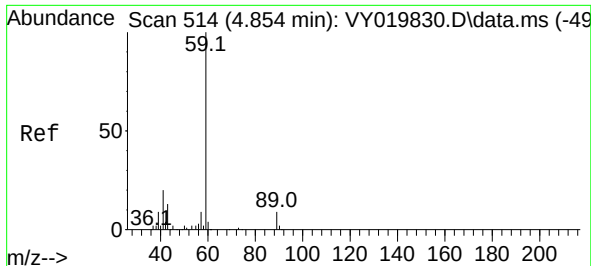
Tgt Ion:101 Resp: 180306
Ion Ratio Lower Upper
101 100
85 46.2 37.9 56.9
151 70.1 57.0 85.6



#10
Methyl Iodide
Concen: 43.840 ug/l
RT: 4.006 min Scan# 375
Delta R.T. -0.000 min
Lab File: VY019842.D
Acq: 09 Oct 2024 19:00

Tgt Ion:142 Resp: 189798
Ion Ratio Lower Upper
142 100
127 49.0 39.4 59.2
141 14.7 11.7 17.5





#11

Tert butyl alcohol

Concen: 209.929 ug/l

RT: 4.860 min Scan# 514

Delta R.T. 0.006 min

Lab File: VY019842.D

Acq: 09 Oct 2024 19:00

Instrument :

MSVOA_Y

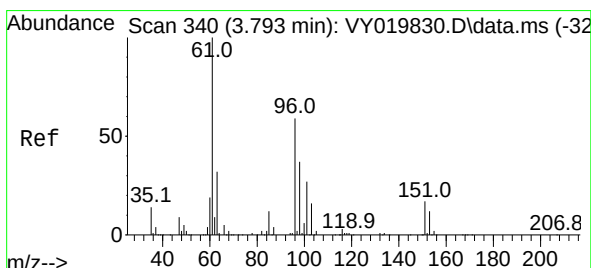
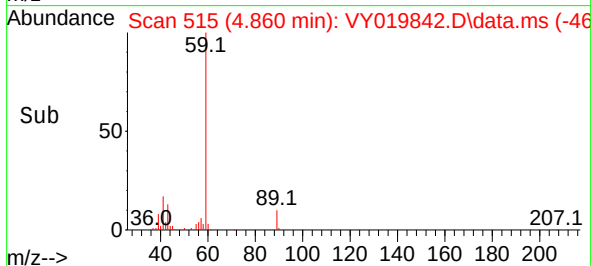
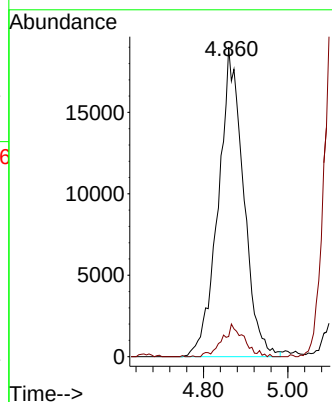
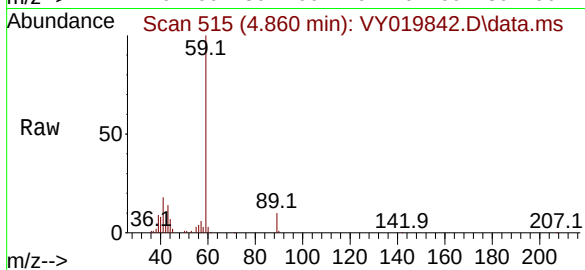
ClientSampleId :

Tgt Ion: 59 Resp: 78722

Ion Ratio Lower Upper

59 100

57 8.7 7.7 11.5



#12

1,1-Dichloroethene

Concen: 42.655 ug/l

RT: 3.793 min Scan# 340

Delta R.T. -0.000 min

Lab File: VY019842.D

Acq: 09 Oct 2024 19:00

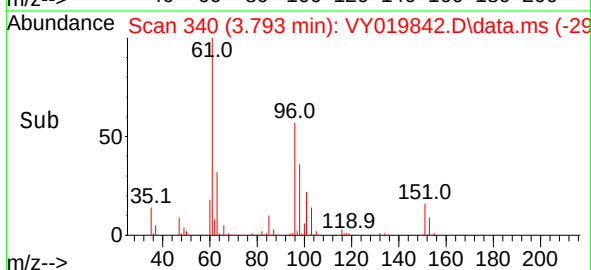
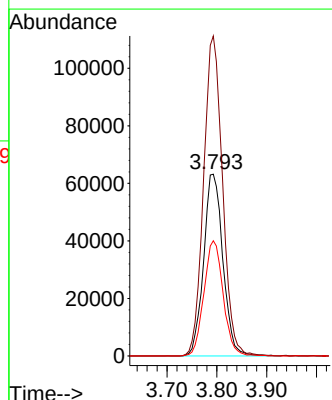
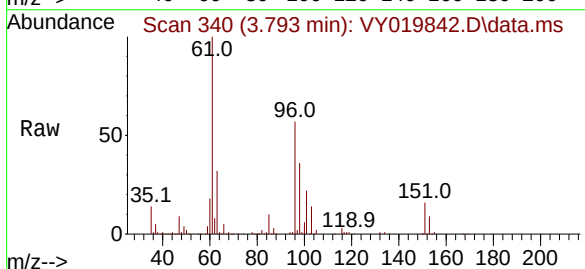
Tgt Ion: 96 Resp: 169743

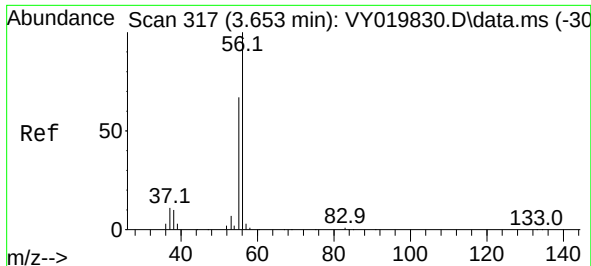
Ion Ratio Lower Upper

96 100

61 176.0 134.9 202.3

98 63.4 50.2 75.4

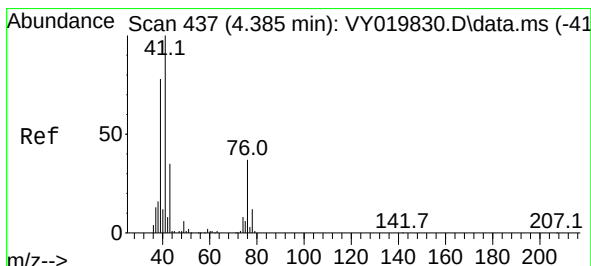
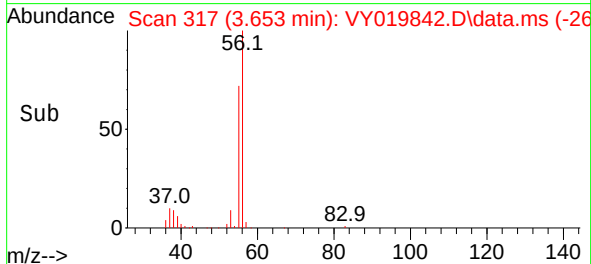
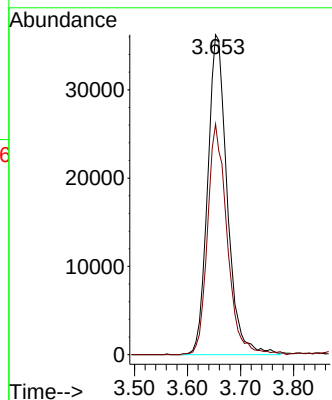
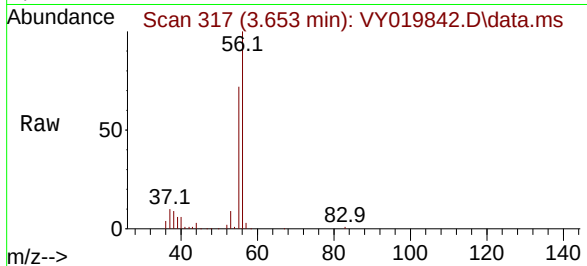




#13
Acrolein
Concen: 276.307 ug/l
RT: 3.653 min Scan# 317
Delta R.T. -0.000 min
Lab File: VY019842.D
Acq: 09 Oct 2024 19:00

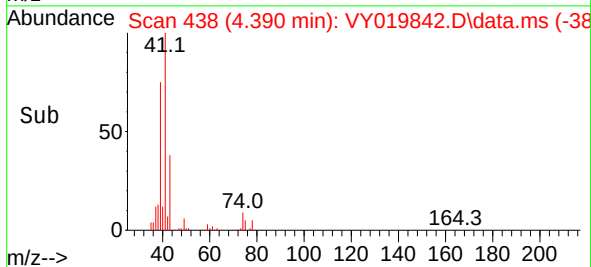
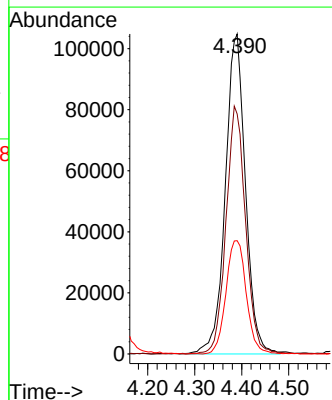
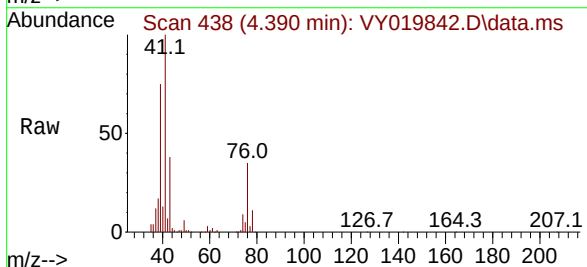
Instrument :
MSVOA_Y
ClientSampleId :

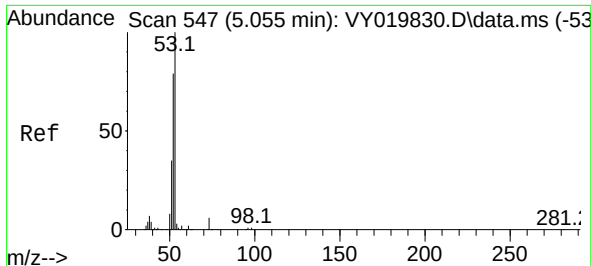
Tgt Ion: 56 Resp: 92732
Ion Ratio Lower Upper
56 100
55 72.2 56.9 85.3



#14
Allyl chloride
Concen: 43.498 ug/l
RT: 4.390 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY019842.D
Acq: 09 Oct 2024 19:00

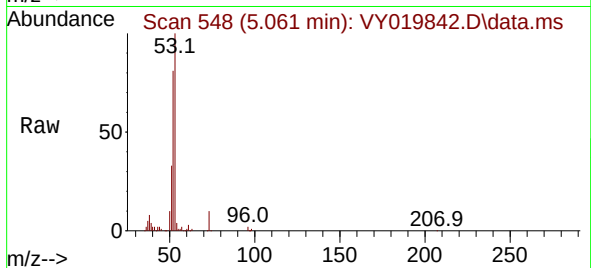
Tgt Ion: 41 Resp: 312320
Ion Ratio Lower Upper
41 100
39 75.2 59.1 88.7
76 35.8 28.6 42.8



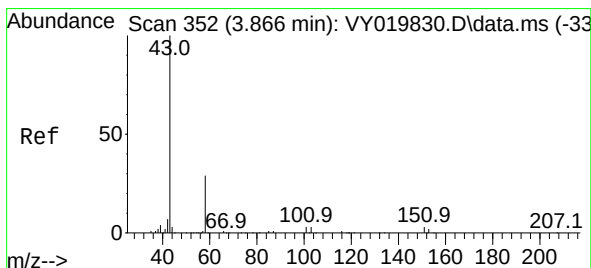
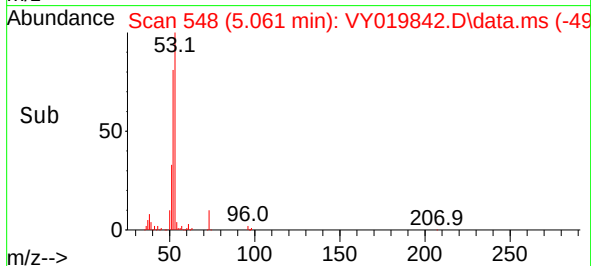
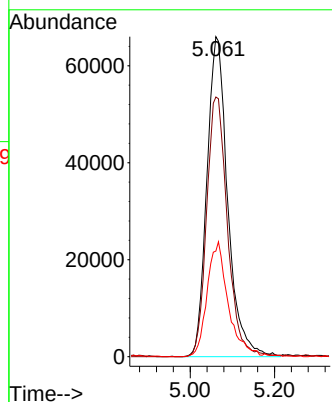


#15
Acrylonitrile
Concen: 221.241 ug/l
RT: 5.061 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY019842.D
Acq: 09 Oct 2024 19:00

Instrument :
MSVOA_Y
ClientSampleId :

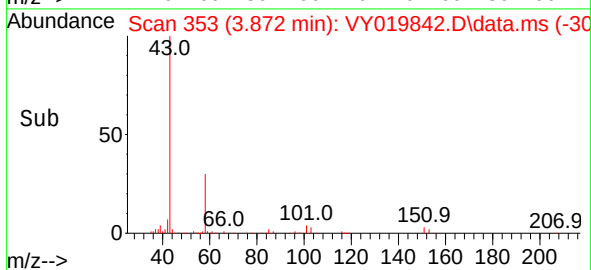
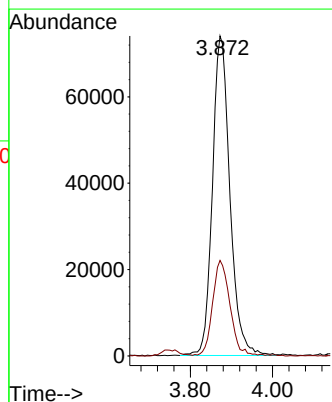
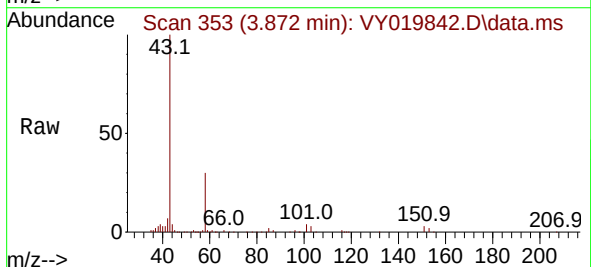


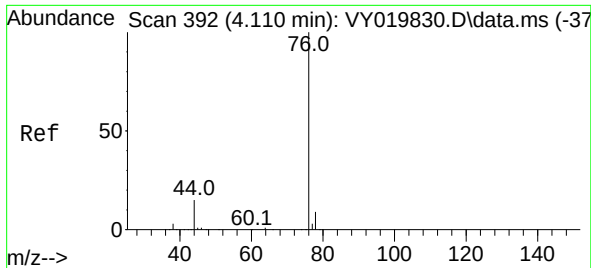
Tgt Ion: 53 Resp: 226334
Ion Ratio Lower Upper
53 100
52 81.4 65.0 97.6
51 36.4 29.9 44.9



#16
Acetone
Concen: 183.698 ug/l
RT: 3.872 min Scan# 353
Delta R.T. 0.006 min
Lab File: VY019842.D
Acq: 09 Oct 2024 19:00

Tgt Ion: 43 Resp: 218411
Ion Ratio Lower Upper
43 100
58 29.8 23.8 35.6

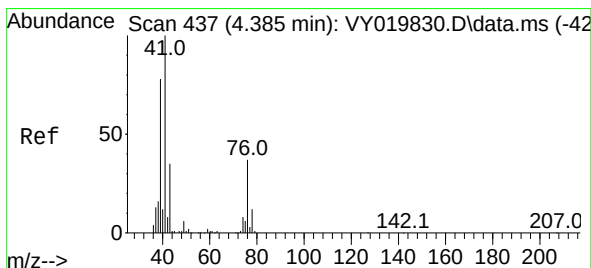
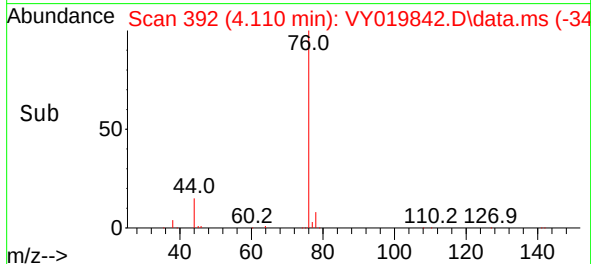
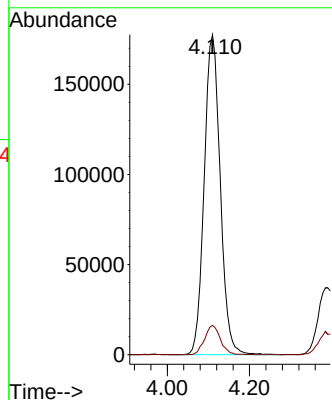
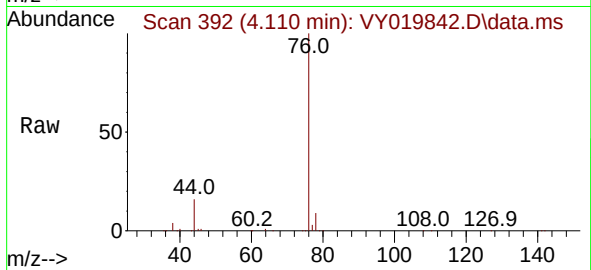




#17
Carbon Disulfide
Concen: 45.047 ug/l
RT: 4.110 min Scan# 392
Delta R.T. -0.000 min
Lab File: VY019842.D
Acq: 09 Oct 2024 19:00

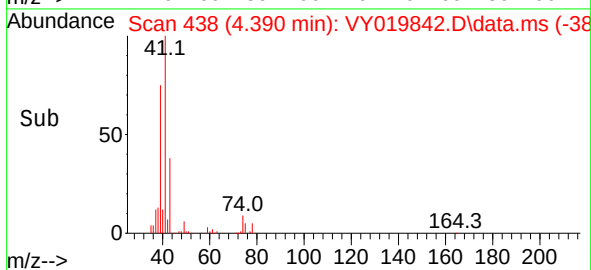
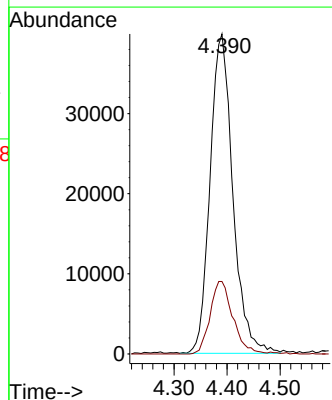
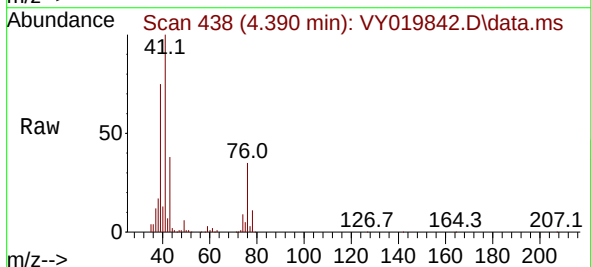
Instrument :
MSVOA_Y
ClientSampleId :

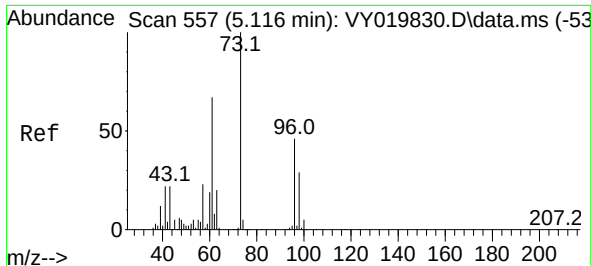
Tgt Ion: 76 Resp: 480489
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9



#18
Methyl Acetate
Concen: 46.320 ug/l
RT: 4.390 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY019842.D
Acq: 09 Oct 2024 19:00

Tgt Ion: 43 Resp: 118637
Ion Ratio Lower Upper
43 100
74 22.7 18.6 28.0

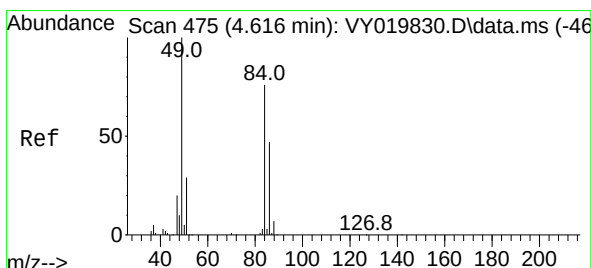
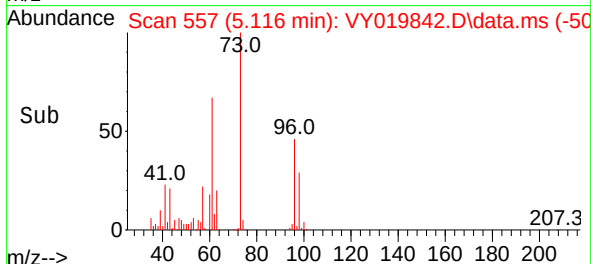
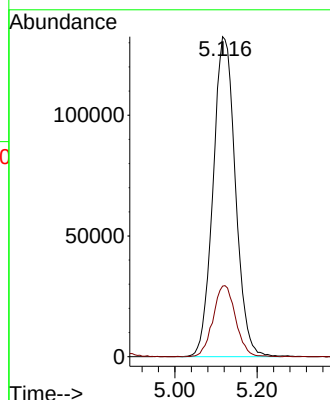
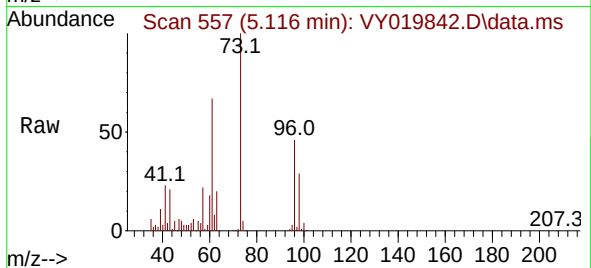




#19
Methyl tert-butyl Ether
Concen: 43.761 ug/l
RT: 5.116 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY019842.D
Acq: 09 Oct 2024 19:00

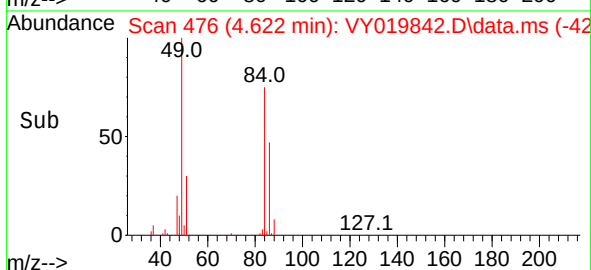
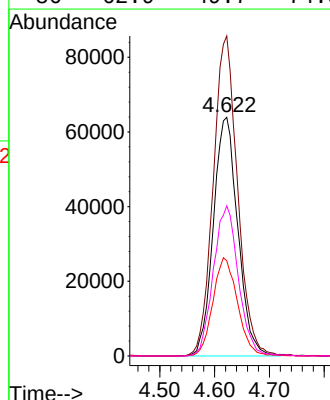
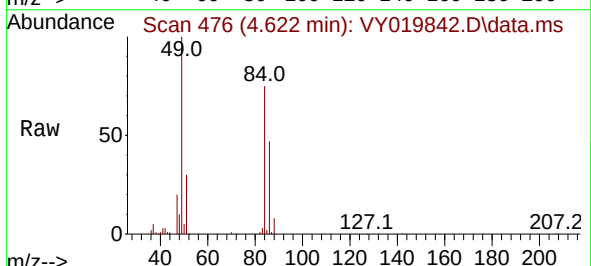
Instrument :
MSVOA_Y
ClientSampleId :

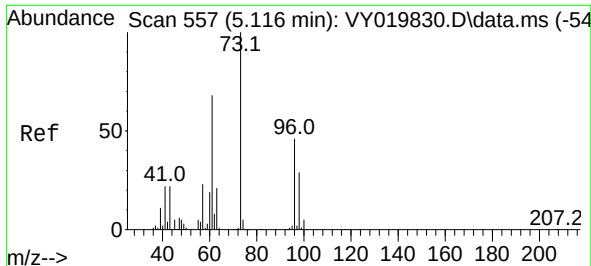
Tgt Ion: 73 Resp: 500308
Ion Ratio Lower Upper
73 100
57 22.0 18.6 28.0



#20
Methylene Chloride
Concen: 41.327 ug/l
RT: 4.622 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY019842.D
Acq: 09 Oct 2024 19:00

Tgt Ion: 84 Resp: 198307
Ion Ratio Lower Upper
84 100
49 133.9 104.8 157.2
51 39.9 30.4 45.6
86 62.9 49.7 74.5

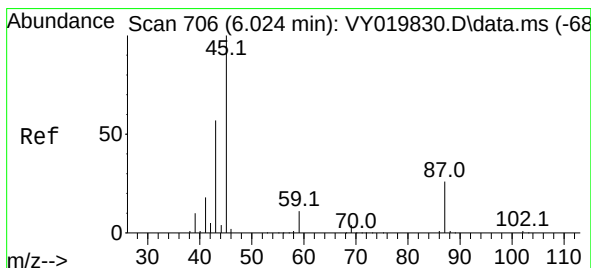
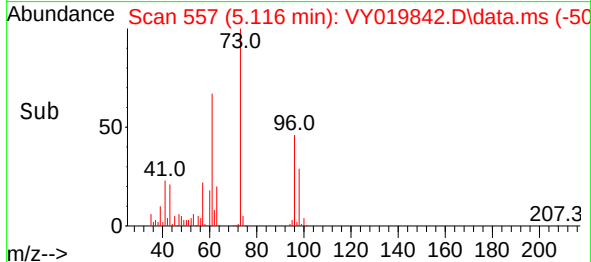
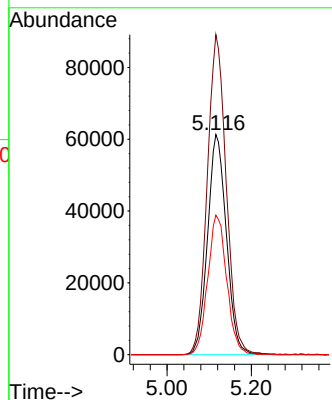
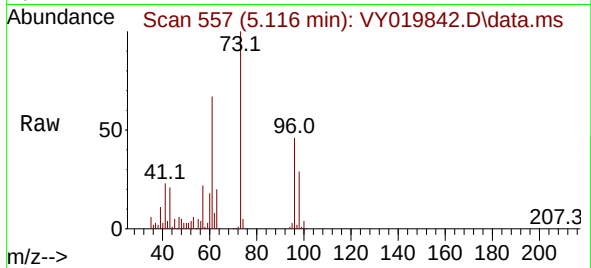




#21
trans-1,2-Dichloroethene
Concen: 43.928 ug/l
RT: 5.116 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY019842.D
Acq: 09 Oct 2024 19:00

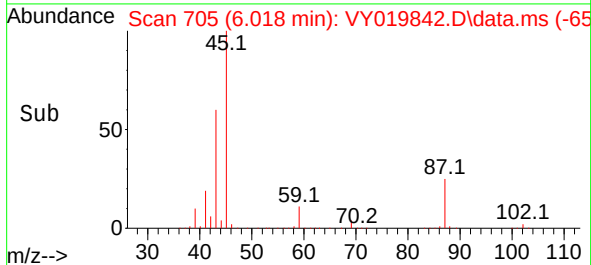
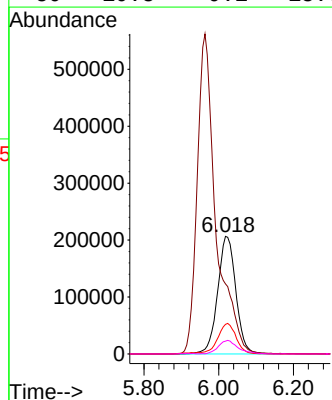
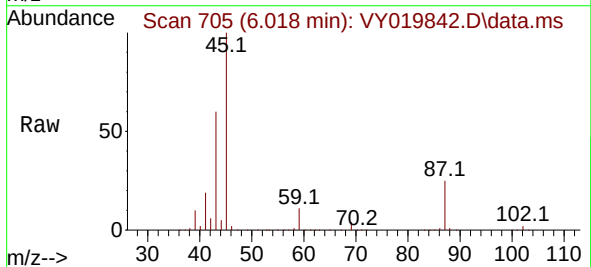
Instrument :
MSVOA_Y
ClientSampleId :

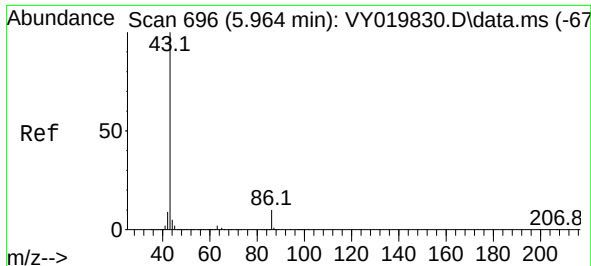
Tgt Ion: 96 Resp: 190261
Ion Ratio Lower Upper
96 100
61 145.4 117.9 176.9
98 63.4 51.0 76.4



#22
Diisopropyl ether
Concen: 44.648 ug/l
RT: 6.018 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY019842.D
Acq: 09 Oct 2024 19:00

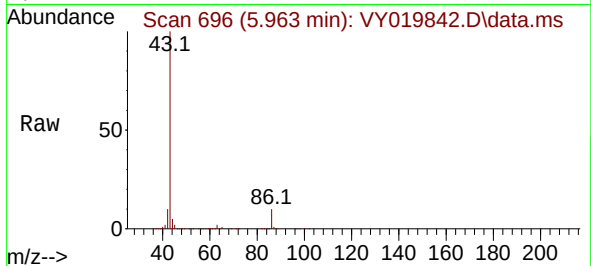
Tgt Ion: 45 Resp: 698287
Ion Ratio Lower Upper
45 100
43 59.3 45.4 68.0
87 25.2 21.1 31.7
59 10.8 9.1 13.7



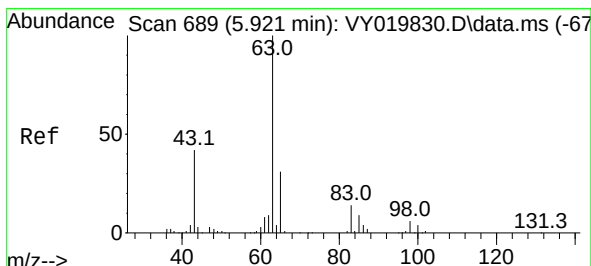
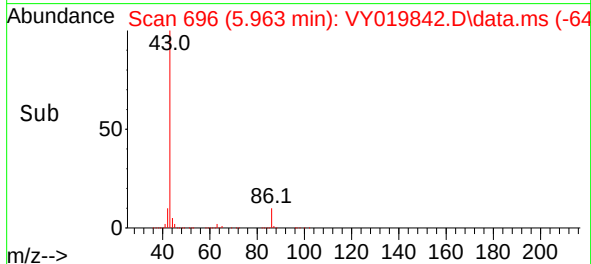
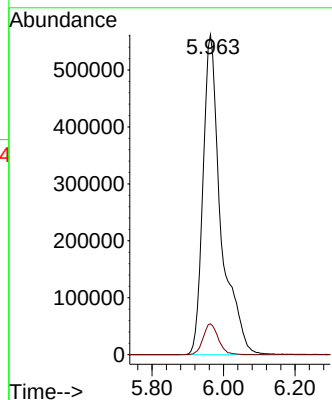


#23
 Vinyl Acetate
 Concen: 218.320 ug/l
 RT: 5.963 min Scan# 696
 Delta R.T. -0.000 min
 Lab File: VY019842.D
 Acq: 09 Oct 2024 19:00

Instrument :
 MSVOA_Y
 ClientSampleId :

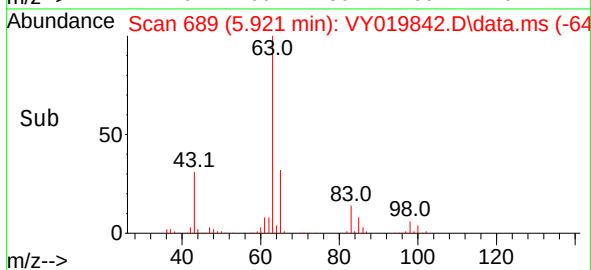
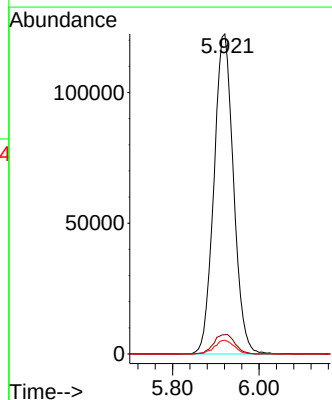
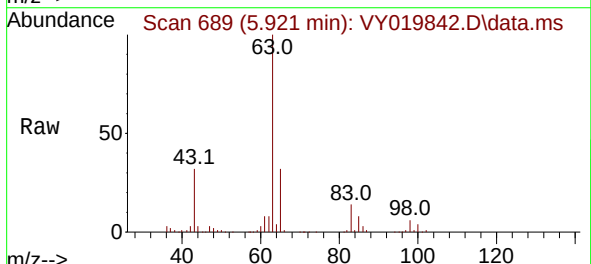


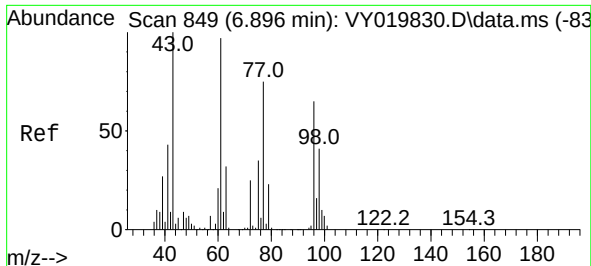
Tgt Ion: 43 Resp: 1957451
 Ion Ratio Lower Upper
 43 100
 86 9.6 8.2 12.2



#24
 1,1-Dichloroethane
 Concen: 44.153 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. -0.000 min
 Lab File: VY019842.D
 Acq: 09 Oct 2024 19:00

Tgt Ion: 63 Resp: 383859
 Ion Ratio Lower Upper
 63 100
 98 6.0 3.2 9.6
 100 4.3 2.2 6.6

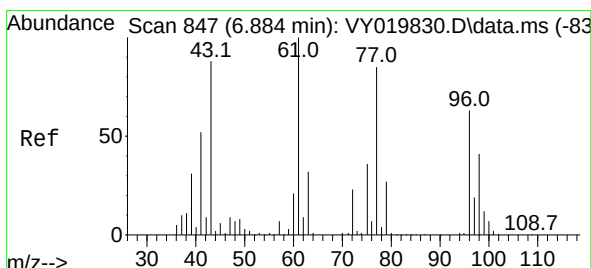
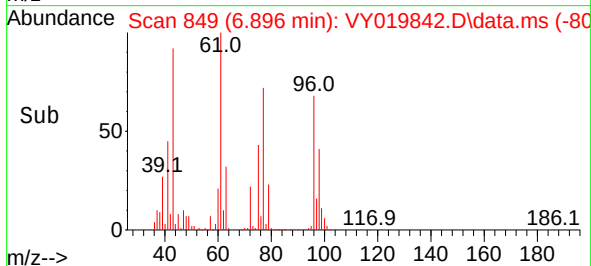
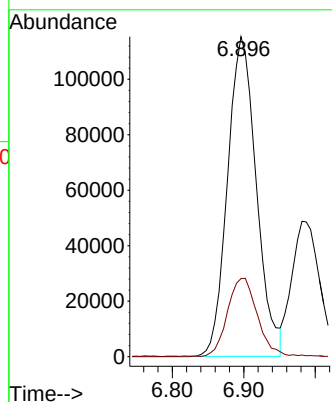
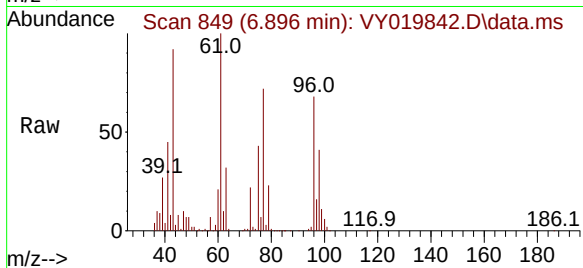




#25
2-Butanone
Concen: 202.831 ug/l
RT: 6.896 min Scan# 849
Delta R.T. -0.000 min
Lab File: VY019842.D
Acq: 09 Oct 2024 19:00

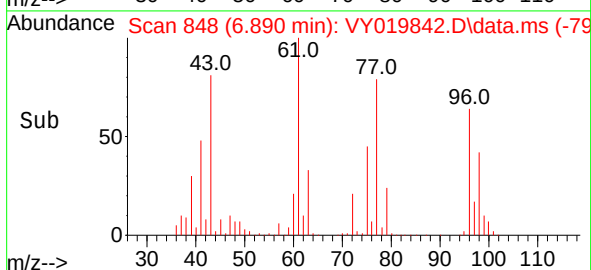
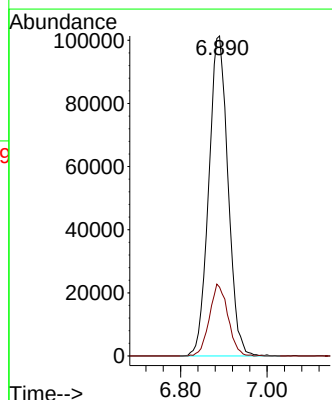
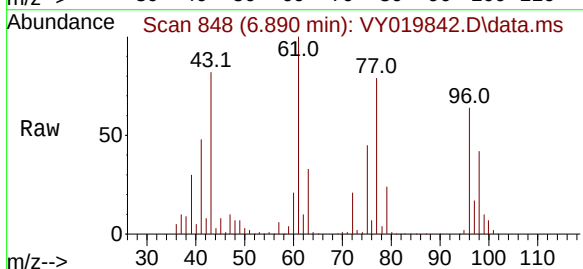
Instrument :
MSVOA_Y
ClientSampleId :

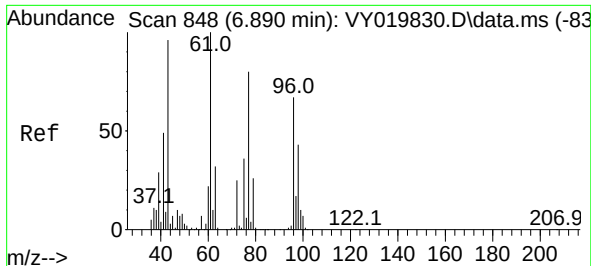
Tgt Ion: 43 Resp: 322799
Ion Ratio Lower Upper
43 100
72 24.4 19.8 29.6



#26
2,2-Dichloropropane
Concen: 40.382 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY019842.D
Acq: 09 Oct 2024 19:00

Tgt Ion: 77 Resp: 312654
Ion Ratio Lower Upper
77 100
97 21.7 10.9 32.6





#27

cis-1,2-Dichloroethene

Concen: 44.124 ug/l

RT: 6.896 min Scan# 84

Delta R.T. 0.006 min

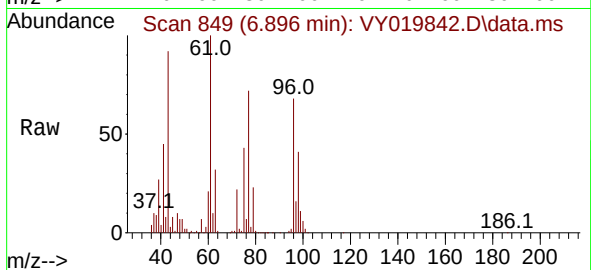
Lab File: VY019842.D

Acq: 09 Oct 2024 19:00

Instrument :

MSVOA_Y

ClientSampleId :



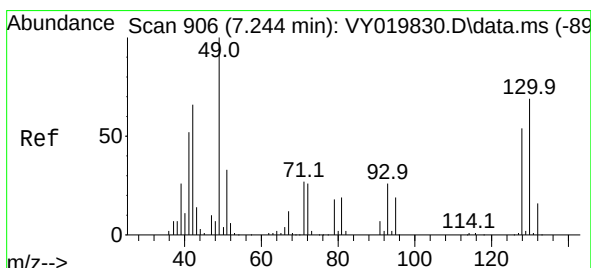
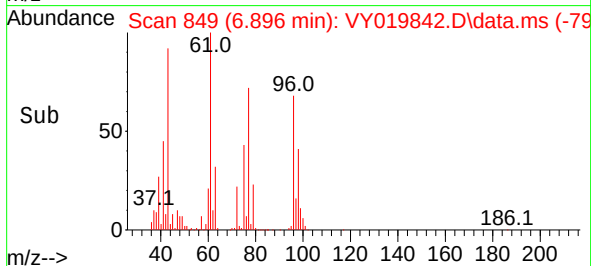
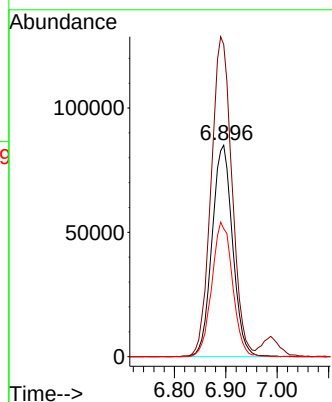
Tgt Ion: 96 Resp: 236169

Ion Ratio Lower Upper

96 100

61 153.7 0.0 311.4

98 64.1 0.0 129.2



#28

Bromochloromethane

Concen: 46.818 ug/l

RT: 7.250 min Scan# 907

Delta R.T. 0.006 min

Lab File: VY019842.D

Acq: 09 Oct 2024 19:00

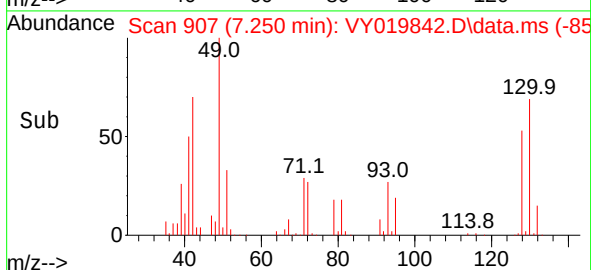
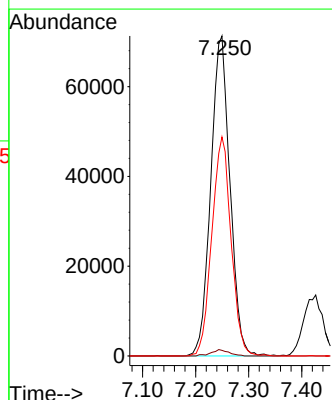
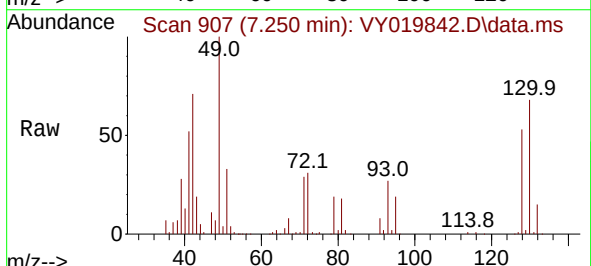
Tgt Ion: 49 Resp: 179150

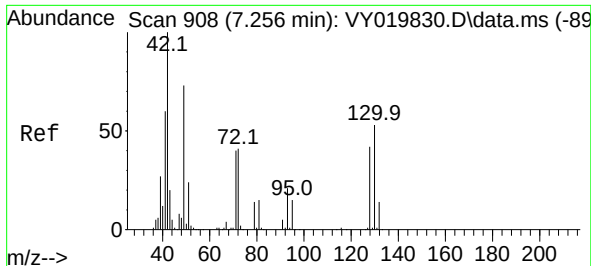
Ion Ratio Lower Upper

49 100

129 1.8 0.0 4.0

130 68.7 55.0 82.4





#29

Tetrahydrofuran

Concen: 216.917 ug/l

RT: 7.262 min Scan# 908

Delta R.T. 0.006 min

Lab File: VY019842.D

Acq: 09 Oct 2024 19:00

Instrument :

MSVOA_Y

ClientSampleId :

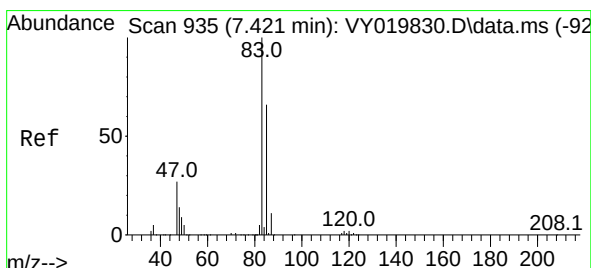
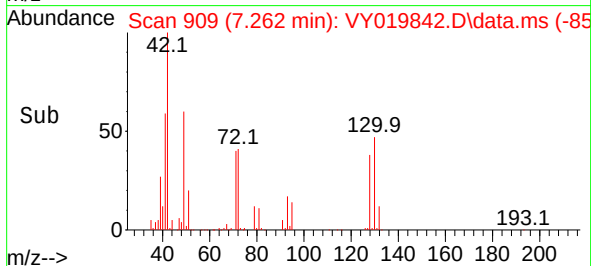
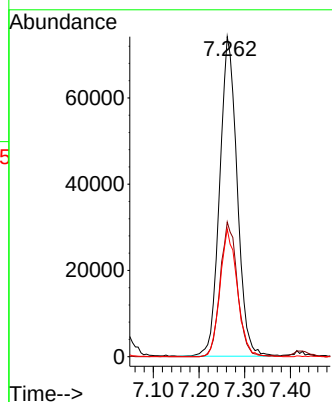
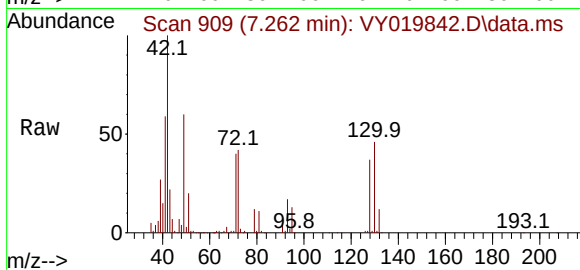
Tgt Ion: 42 Resp: 197111

Ion Ratio Lower Upper

42 100

72 41.5 33.4 50.0

71 39.4 31.6 47.4



#30

Chloroform

Concen: 44.172 ug/l

RT: 7.420 min Scan# 935

Delta R.T. -0.000 min

Lab File: VY019842.D

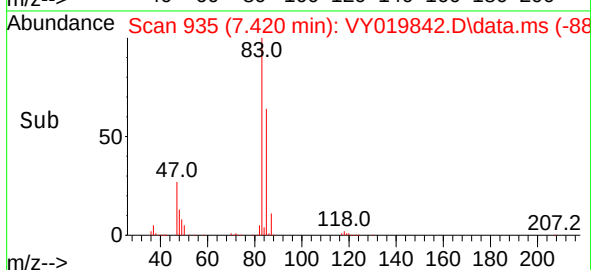
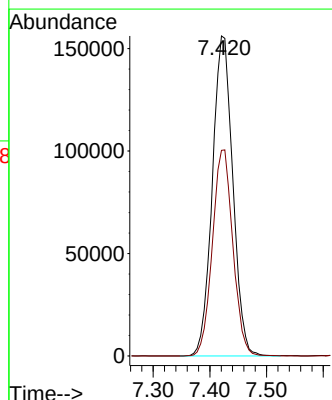
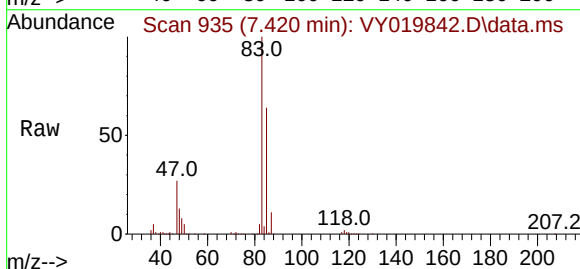
Acq: 09 Oct 2024 19:00

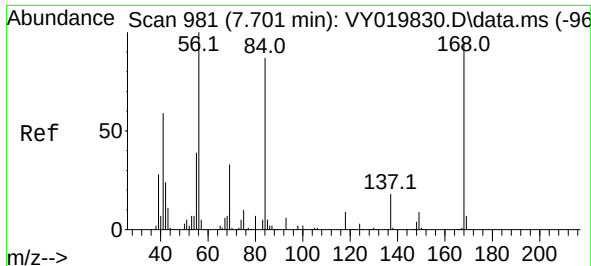
Tgt Ion: 83 Resp: 391464

Ion Ratio Lower Upper

83 100

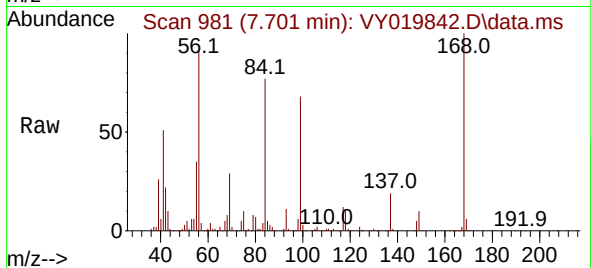
85 64.2 52.7 79.1



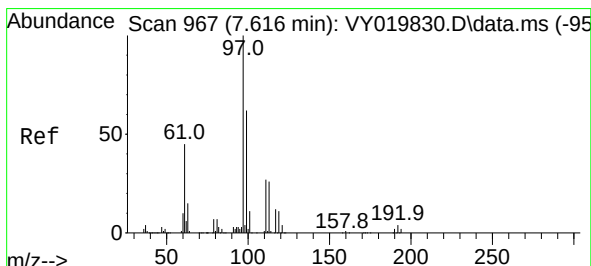
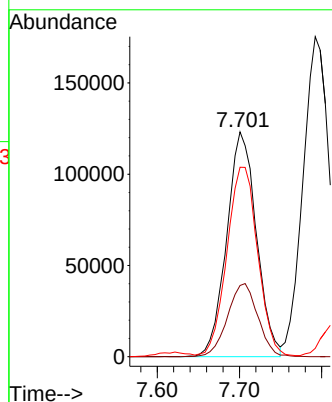
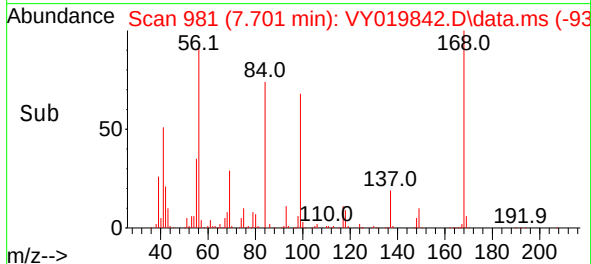


#31
Cyclohexane
Concen: 40.557 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY019842.D
Acq: 09 Oct 2024 19:00

Instrument :
MSVOA_Y
ClientSampleId :

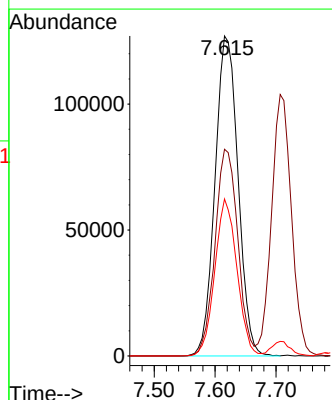
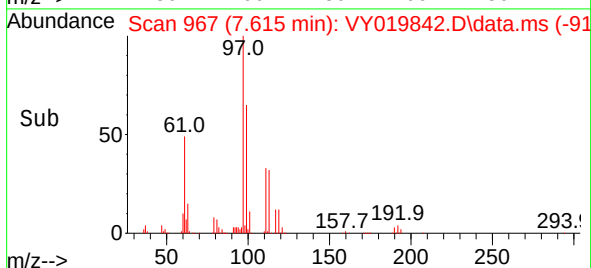
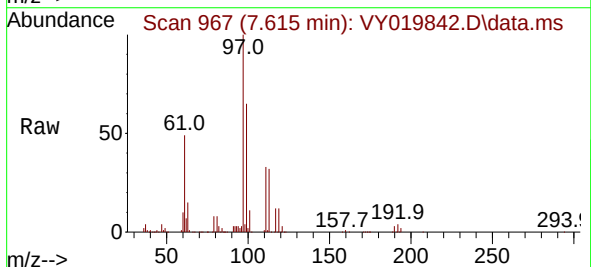


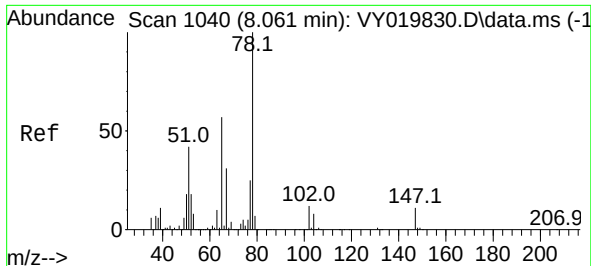
Tgt Ion: 56 Resp: 309517
Ion Ratio Lower Upper
56 100
69 31.7 26.6 39.8
84 82.6 69.6 104.4



#32
1,1,1-Trichloroethane
Concen: 42.963 ug/l
RT: 7.615 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY019842.D
Acq: 09 Oct 2024 19:00

Tgt Ion: 97 Resp: 333677
Ion Ratio Lower Upper
97 100
99 63.9 51.0 76.4
61 47.2 36.5 54.7





#33

1,2-Dichloroethane-d4

Concen: 51.457 ug/l

RT: 8.060 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY019842.D

Acq: 09 Oct 2024 19:00

Instrument :

MSVOA_Y

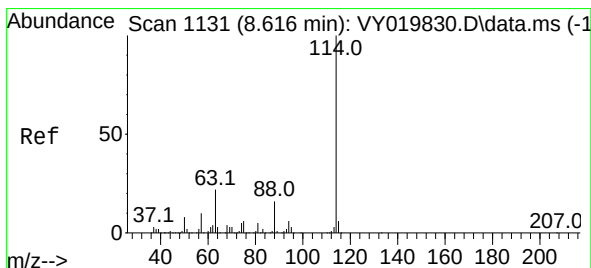
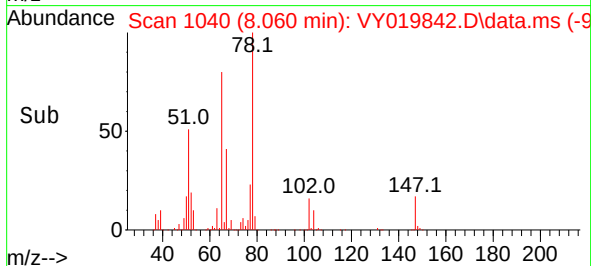
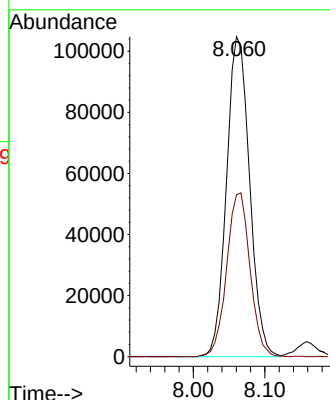
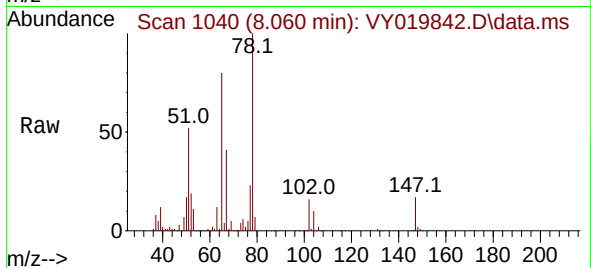
ClientSampleId :

Tgt Ion: 65 Resp: 235026

Ion Ratio Lower Upper

65 100

67 51.7 0.0 105.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY019842.D

Acq: 09 Oct 2024 19:00

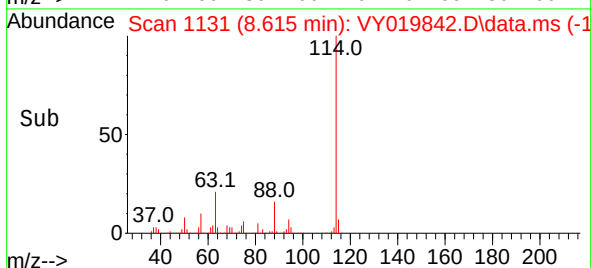
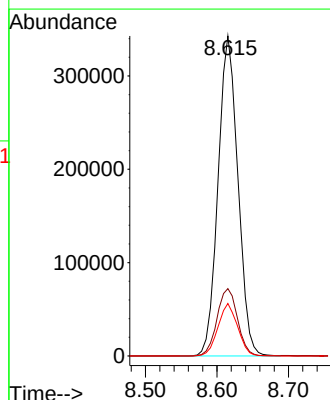
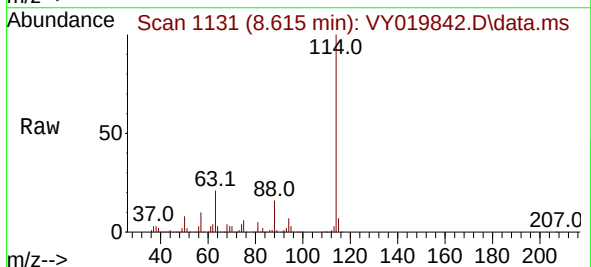
Tgt Ion: 114 Resp: 661006

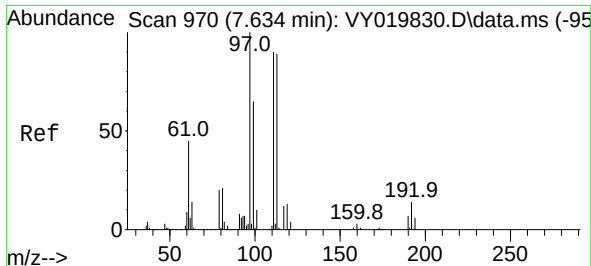
Ion Ratio Lower Upper

114 100

63 21.0 0.0 43.8

88 16.4 0.0 32.0





#35

Dibromofluoromethane

Concen: 50.861 ug/l

RT: 7.640 min Scan# 91

Delta R.T. 0.006 min

Lab File: VY019842.D

Acq: 09 Oct 2024 19:00

Instrument :

MSVOA_Y

ClientSampleId :

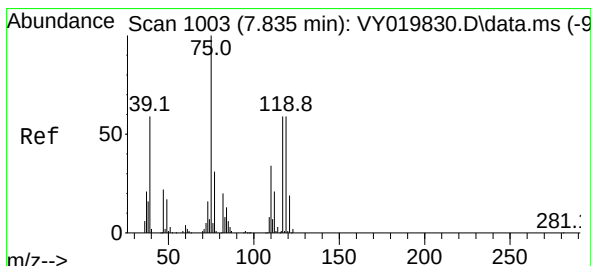
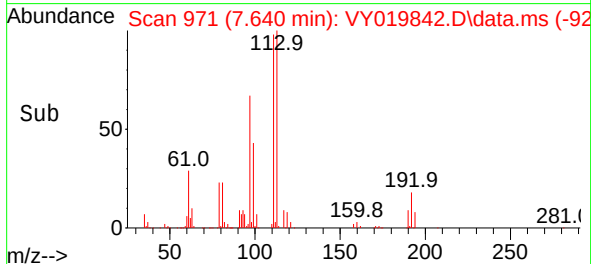
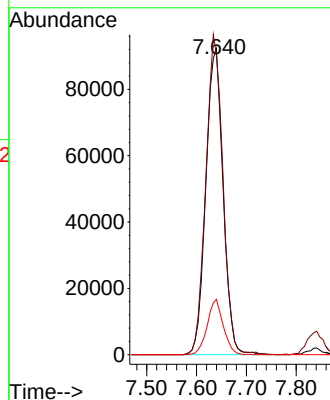
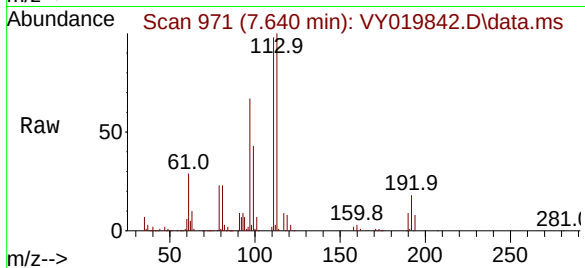
Tgt Ion:113 Resp: 221850

Ion Ratio Lower Upper

113 100

111 103.8 82.9 124.3

192 16.8 13.6 20.4



#36

1,1-Dichloropropene

Concen: 42.433 ug/l

RT: 7.835 min Scan# 1003

Delta R.T. -0.000 min

Lab File: VY019842.D

Acq: 09 Oct 2024 19:00

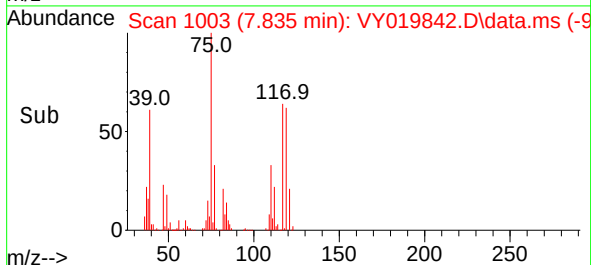
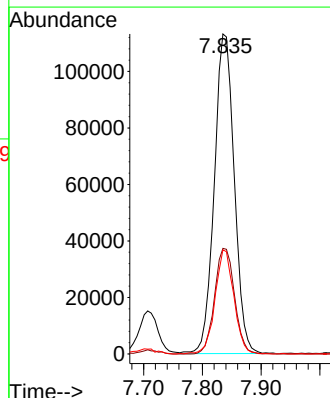
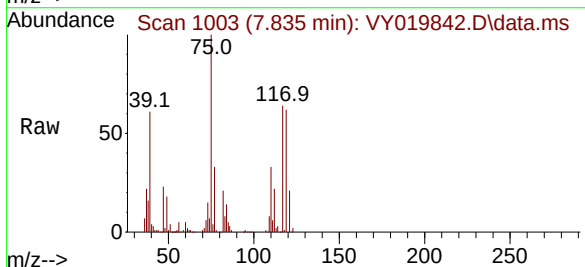
Tgt Ion: 75 Resp: 266655

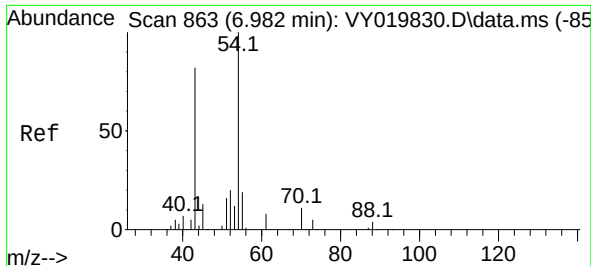
Ion Ratio Lower Upper

75 100

110 33.1 16.6 49.8

77 30.8 24.6 36.8





#37

Ethyl Acetate

Concen: 41.630 ug/l

RT: 6.981 min Scan# 80

Delta R.T. -0.000 min

Lab File: VY019842.D

Acq: 09 Oct 2024 19:00

Instrument :

MSVOA_Y

ClientSampleId :

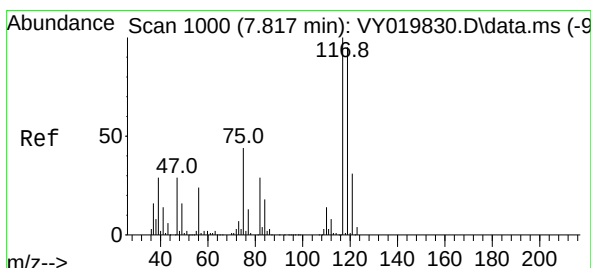
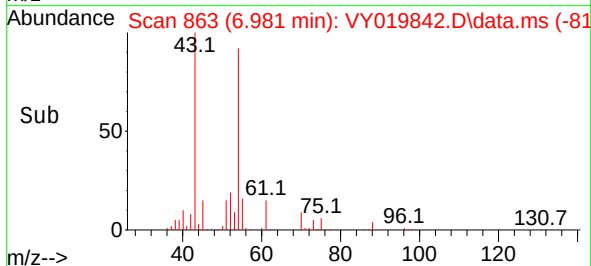
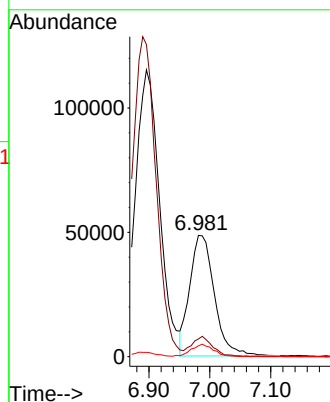
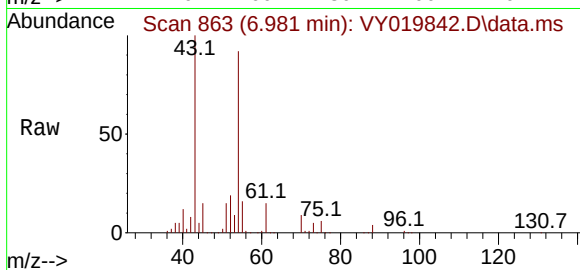
Tgt Ion: 43 Resp: 136412

Ion Ratio Lower Upper

43 100

61 14.3 10.9 16.3

70 9.0 7.6 11.4



#38

Carbon Tetrachloride

Concen: 41.957 ug/l

RT: 7.823 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VY019842.D

Acq: 09 Oct 2024 19:00

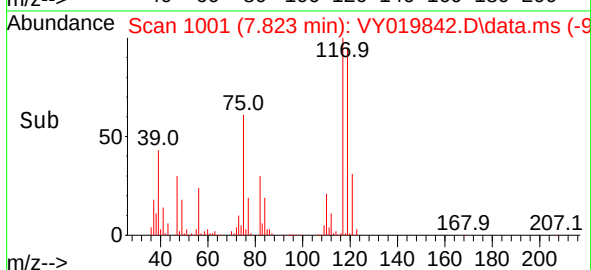
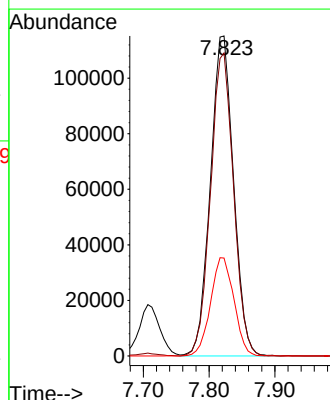
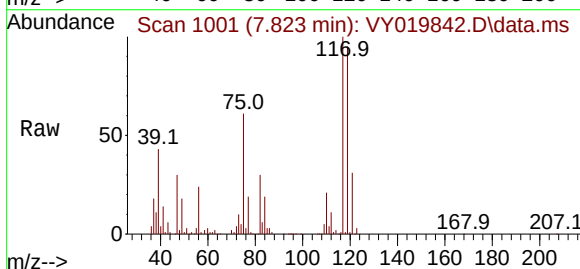
Tgt Ion:117 Resp: 282655

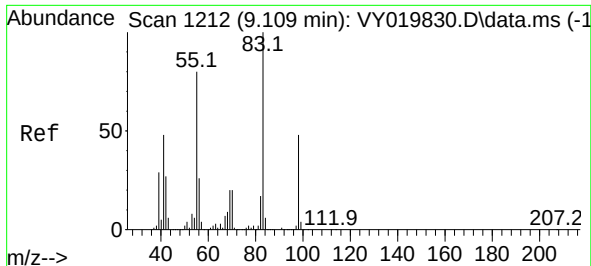
Ion Ratio Lower Upper

117 100

119 94.7 76.2 114.4

121 30.6 25.0 37.4





#39

Methylcyclohexane

Concen: 41.099 ug/l

RT: 9.109 min Scan# 11

Delta R.T. -0.000 min MSVOA_Y

Lab File: VY019842.D

Acq: 09 Oct 2024 19:00

Instrument :

MSVOA_Y

ClientSampleId :

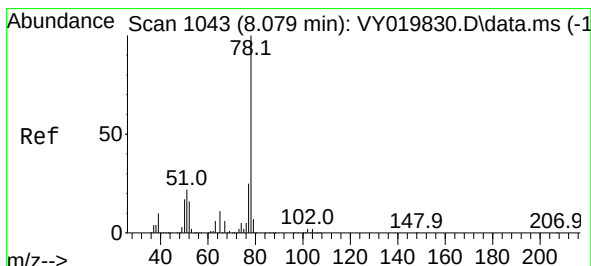
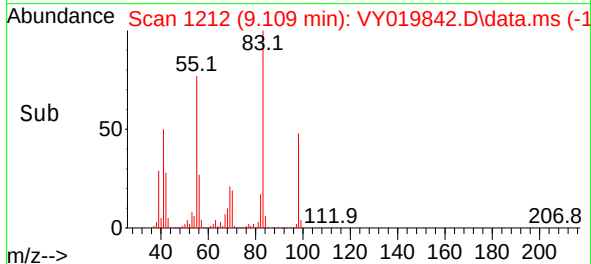
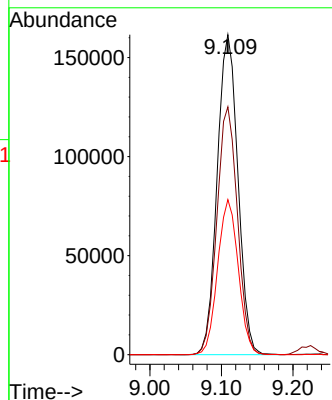
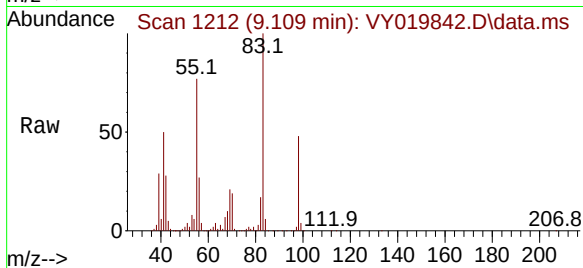
Tgt Ion: 83 Resp: 325422

Ion Ratio Lower Upper

83 100

55 77.5 63.7 95.5

98 48.5 38.3 57.5



#40

Benzene

Concen: 43.134 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. -0.000 min

Lab File: VY019842.D

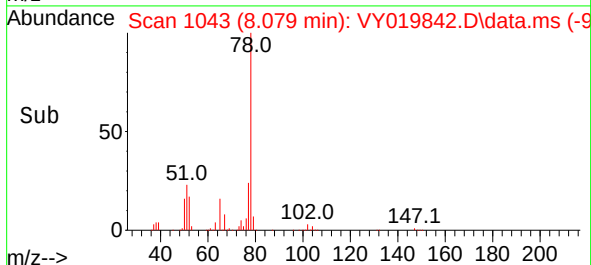
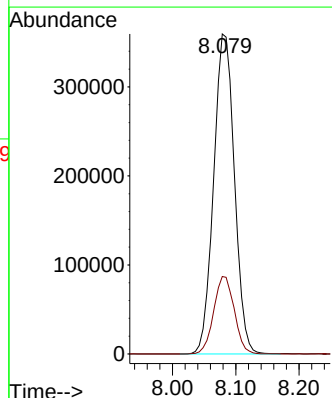
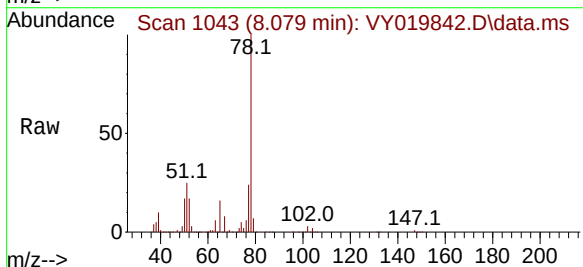
Acq: 09 Oct 2024 19:00

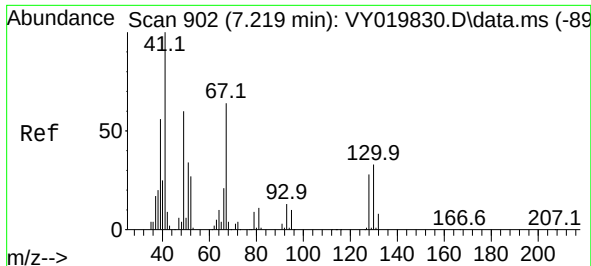
Tgt Ion: 78 Resp: 820335

Ion Ratio Lower Upper

78 100

77 24.2 19.6 29.4

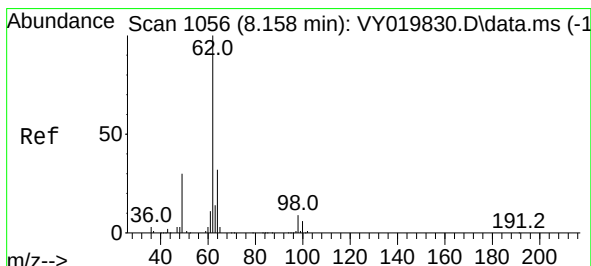
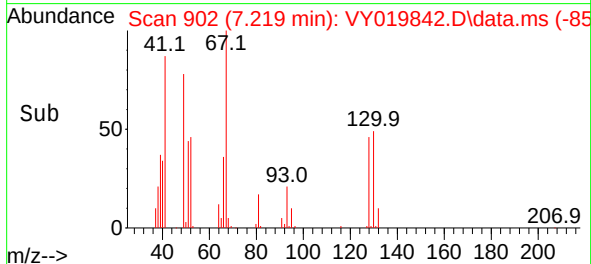
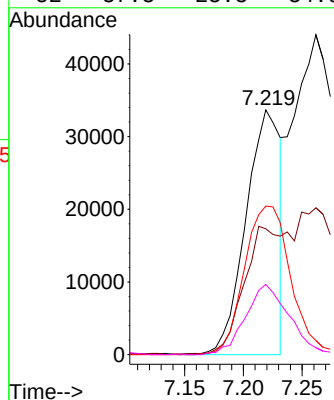
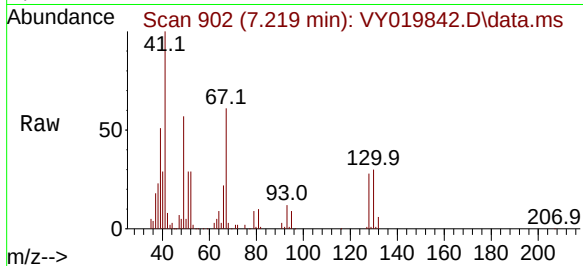




#41
Methacrylonitrile
Concen: 38.786 ug/l
RT: 7.219 min Scan# 902
Delta R.T. -0.000 min
Lab File: VY019842.D
Acq: 09 Oct 2024 19:00

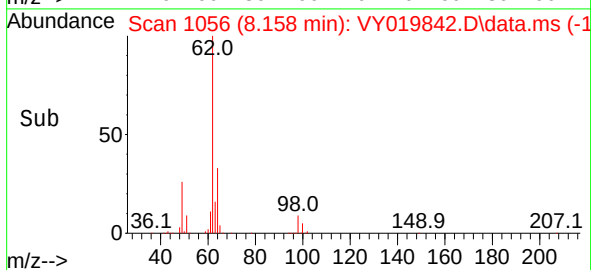
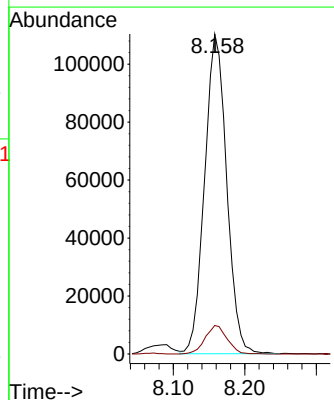
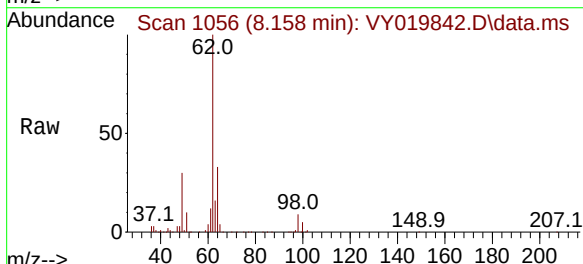
Instrument :
MSVOA_Y
ClientSampleId :

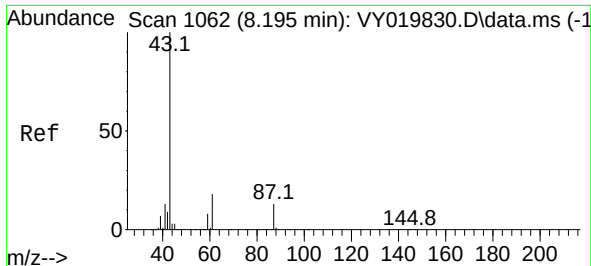
Tgt Ion: 41 Resp: 68786
Ion Ratio Lower Upper
41 100
39 55.0 43.9 65.9
67 82.3 53.2 79.8#
52 37.3 23.3 34.9#



#42
1,2-Dichloroethane
Concen: 43.240 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VY019842.D
Acq: 09 Oct 2024 19:00

Tgt Ion: 62 Resp: 236256
Ion Ratio Lower Upper
62 100
98 8.9 0.0 17.8





#43

Isopropyl Acetate

Concen: 42.838 ug/l

RT: 8.201 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY019842.D

Acq: 09 Oct 2024 19:00

Instrument :

MSVOA_Y

ClientSampleId :

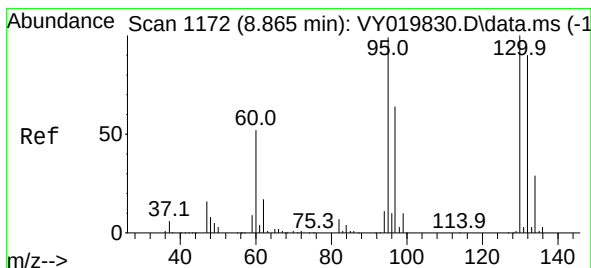
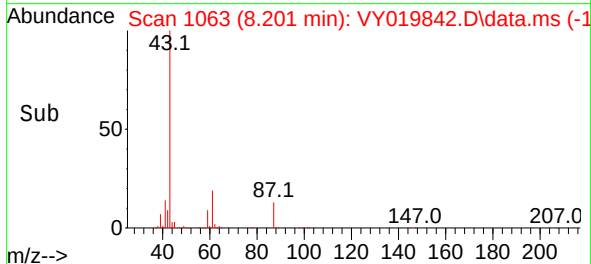
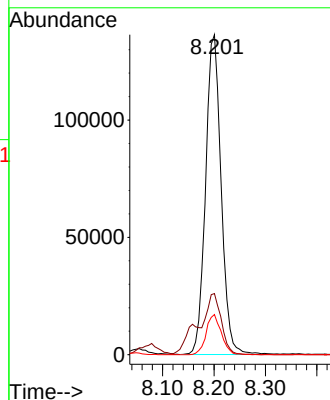
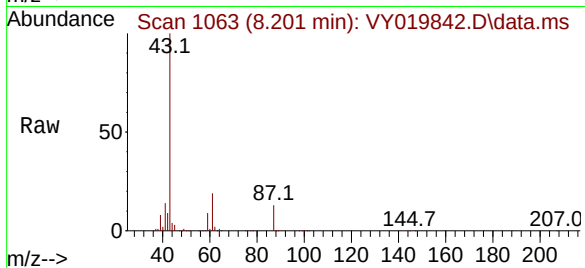
Tgt Ion: 43 Resp: 286271

Ion Ratio Lower Upper

43 100

61 18.3 15.5 23.3

87 12.3 9.9 14.9



#44

Trichloroethene

Concen: 41.934 ug/l

RT: 8.865 min Scan# 1172

Delta R.T. -0.000 min

Lab File: VY019842.D

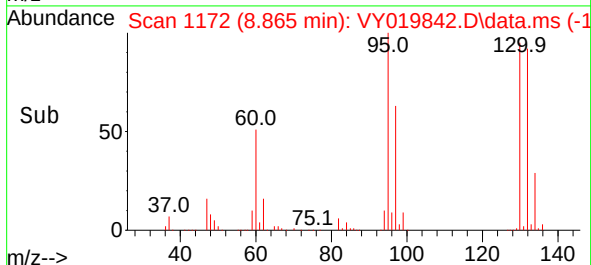
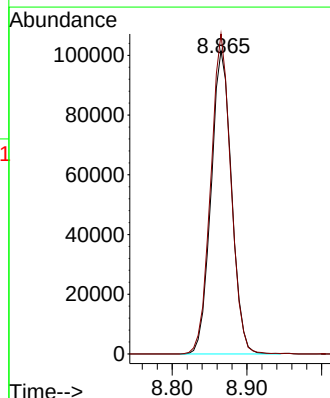
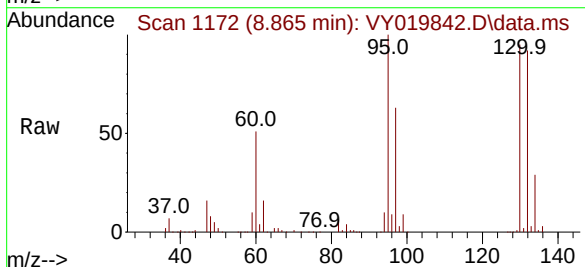
Acq: 09 Oct 2024 19:00

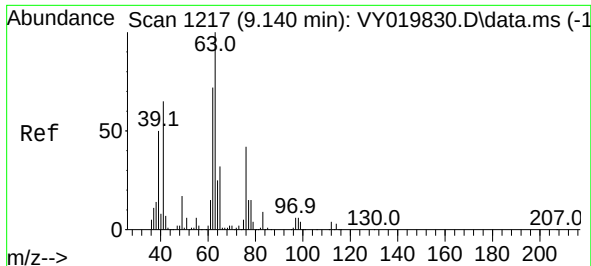
Tgt Ion:130 Resp: 193160

Ion Ratio Lower Upper

130 100

95 105.5 0.0 197.2

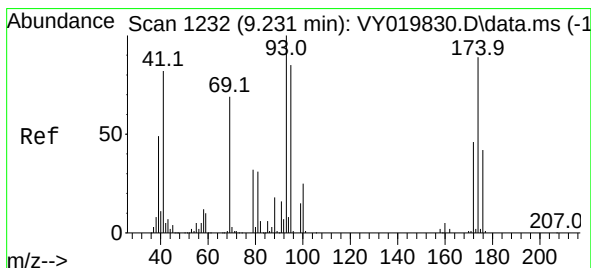
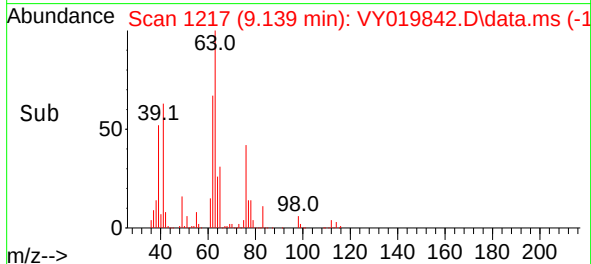
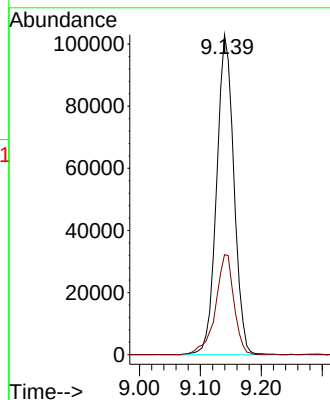
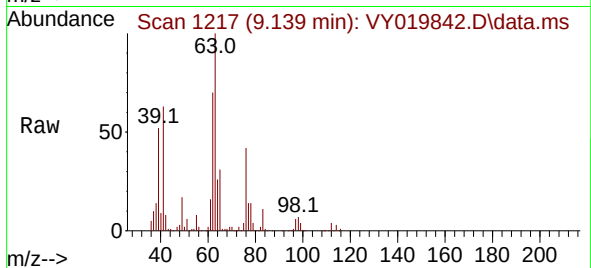




#45
1,2-Dichloropropane
Concen: 42.490 ug/l
RT: 9.139 min Scan# 1217
Delta R.T. -0.000 min
Lab File: VY019842.D
Acq: 09 Oct 2024 19:00

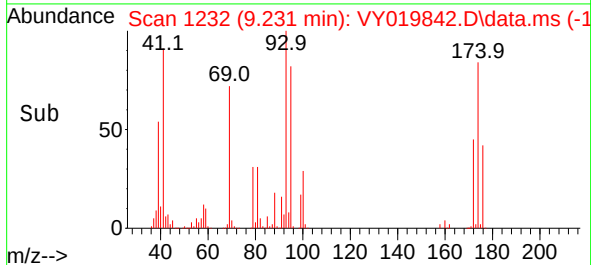
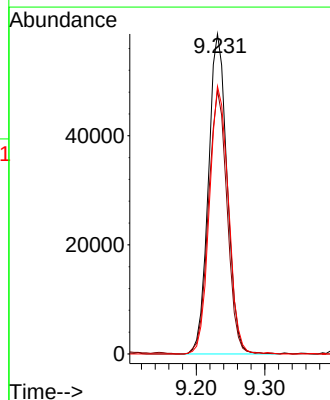
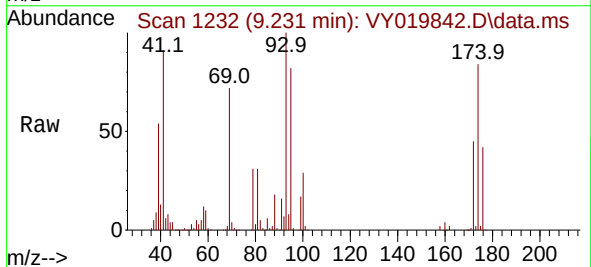
Instrument :
MSVOA_Y
ClientSampleId :

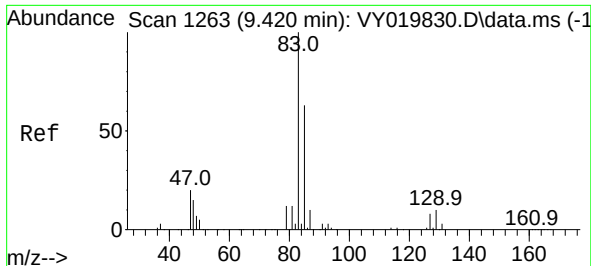
Tgt Ion: 63 Resp: 202260
Ion Ratio Lower Upper
63 100
65 31.2 25.6 38.4



#46
Dibromomethane
Concen: 42.836 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. -0.000 min
Lab File: VY019842.D
Acq: 09 Oct 2024 19:00

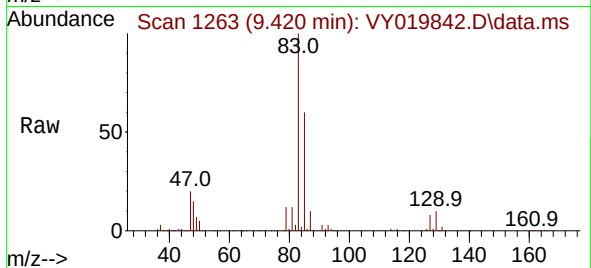
Tgt Ion: 93 Resp: 111406
Ion Ratio Lower Upper
93 100
95 82.3 65.4 98.2
174 85.1 70.4 105.6



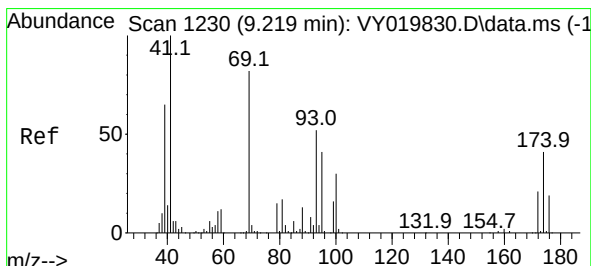
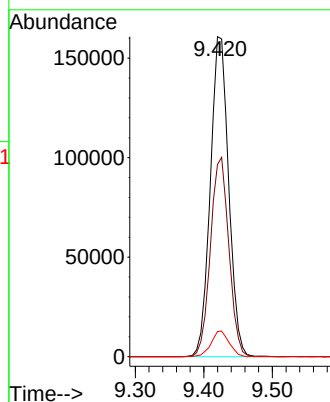
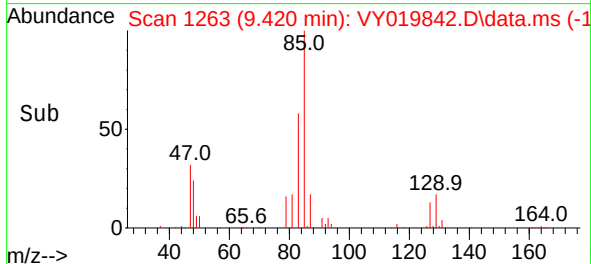


#47
Bromodichloromethane
Concen: 43.365 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. -0.000 min
Lab File: VY019842.D
Acq: 09 Oct 2024 19:00

Instrument :
MSVOA_Y
ClientSampleId :

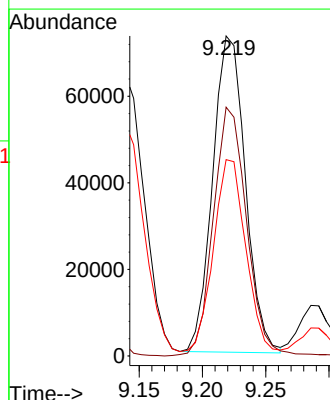
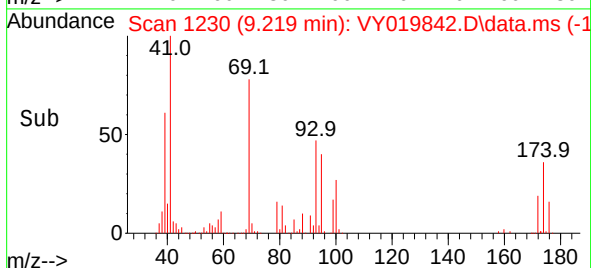
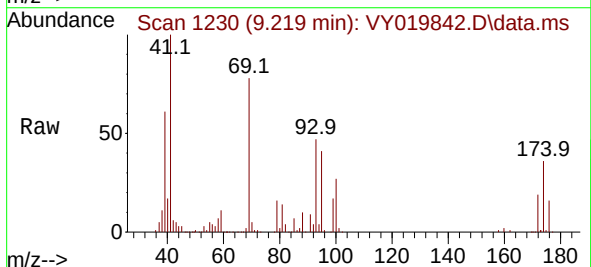


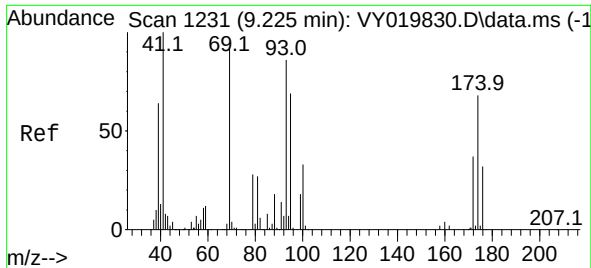
Tgt Ion: 83 Resp: 299358
Ion Ratio Lower Upper
83 100
85 60.1 50.2 75.2
127 7.9 6.3 9.5



#48
Methyl methacrylate
Concen: 44.639 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.000 min
Lab File: VY019842.D
Acq: 09 Oct 2024 19:00

Tgt Ion: 41 Resp: 131220
Ion Ratio Lower Upper
41 100
69 80.8 66.3 99.5
39 60.2 50.2 75.4





#49

1,4-Dioxane

Concen: 832.198 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.006 min

Lab File: VY019842.D

Acq: 09 Oct 2024 19:00

Instrument :

MSVOA_Y

ClientSampleId :

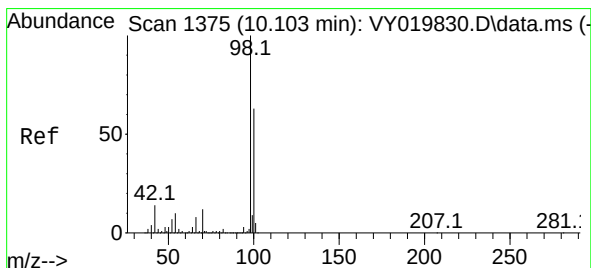
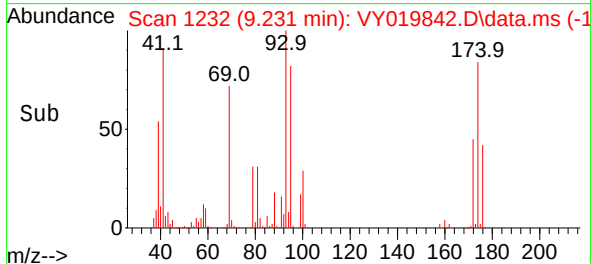
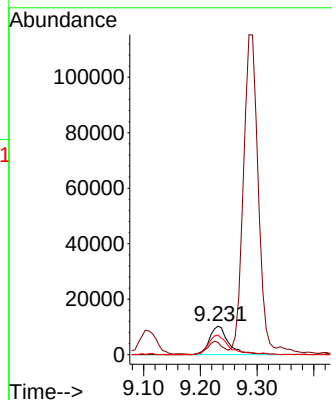
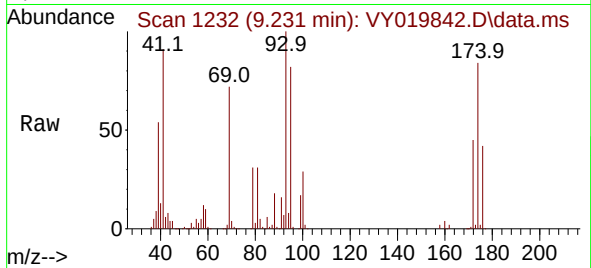
Tgt Ion: 88 Resp: 24224

Ion Ratio Lower Upper

88 100

43 36.4 28.5 42.7

58 73.4 52.6 78.8



#50

Toluene-d8

Concen: 50.600 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.006 min

Lab File: VY019842.D

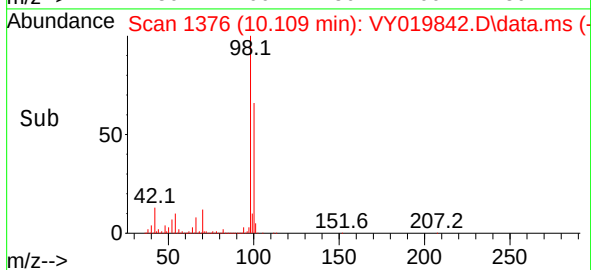
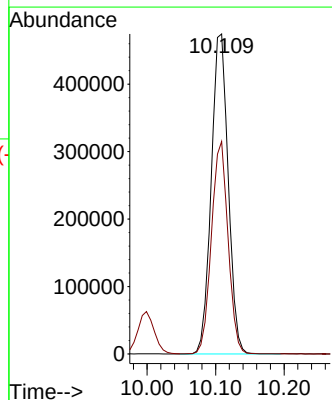
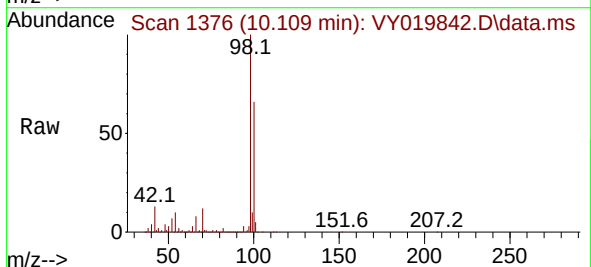
Acq: 09 Oct 2024 19:00

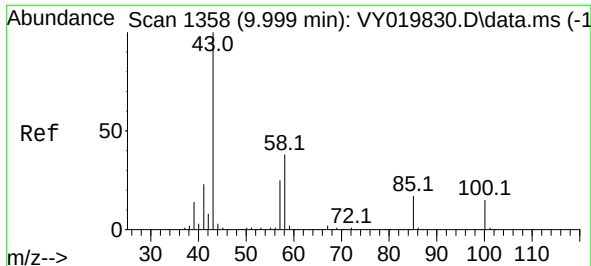
Tgt Ion: 98 Resp: 815056

Ion Ratio Lower Upper

98 100

100 64.9 51.1 76.7

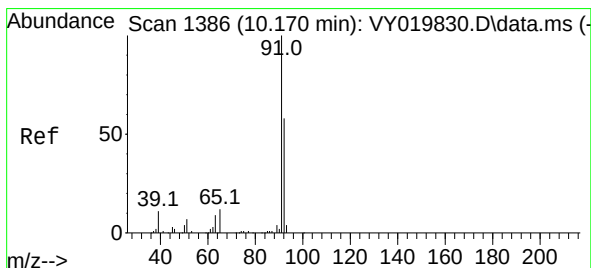
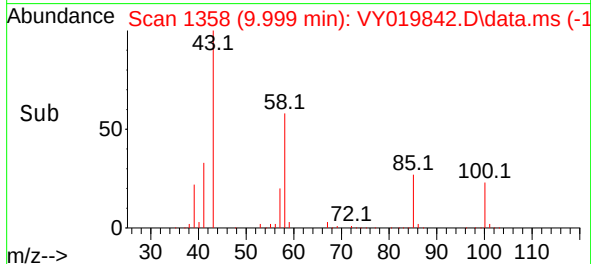
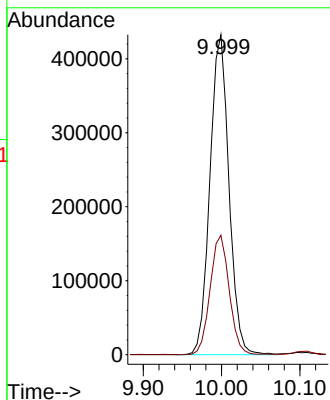
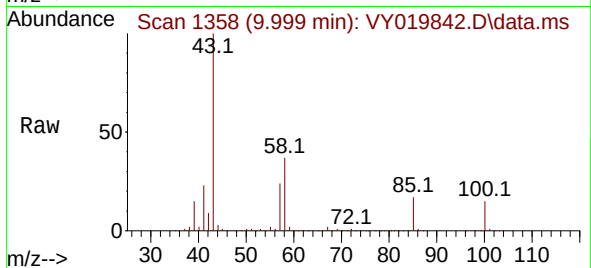




#51
4-Methyl-2-Pentanone
Concen: 213.880 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. -0.000 min
Lab File: VY019842.D
Acq: 09 Oct 2024 19:00

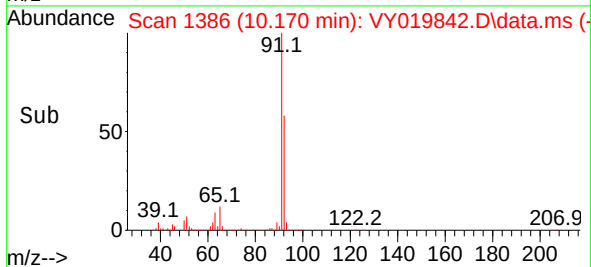
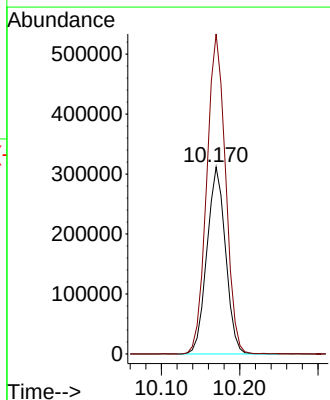
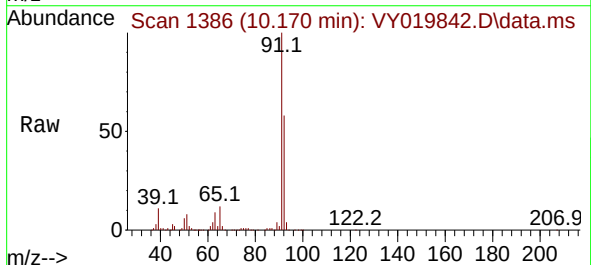
Instrument :
MSVOA_Y
ClientSampleId :

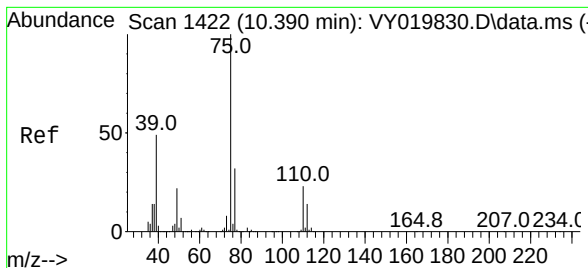
Tgt Ion: 43 Resp: 729030
Ion Ratio Lower Upper
43 100
58 37.6 30.4 45.6



#52
Toluene
Concen: 43.227 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.000 min
Lab File: VY019842.D
Acq: 09 Oct 2024 19:00

Tgt Ion: 92 Resp: 513166
Ion Ratio Lower Upper
92 100
91 173.3 139.2 208.8

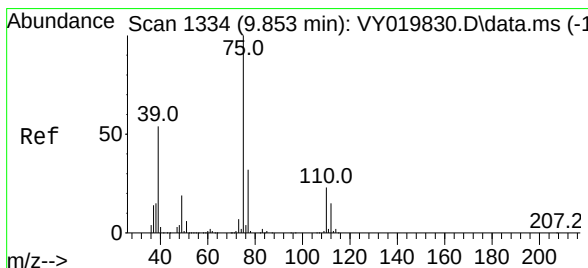
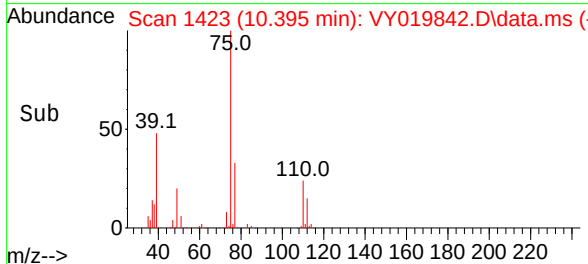
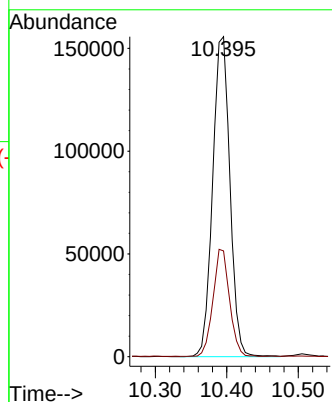
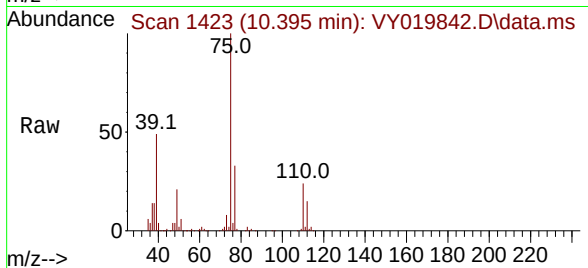




#53
t-1,3-Dichloropropene
Concen: 42.047 ug/l
RT: 10.395 min Scan# 1422
Delta R.T. 0.006 min
Lab File: VY019842.D
Acq: 09 Oct 2024 19:00

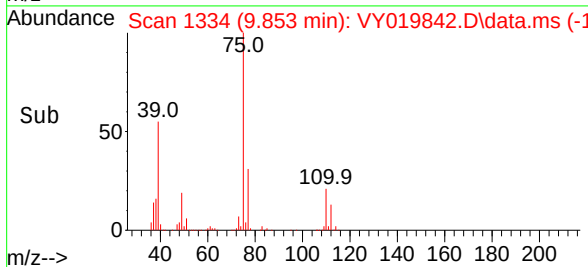
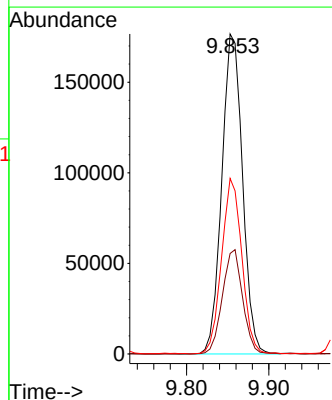
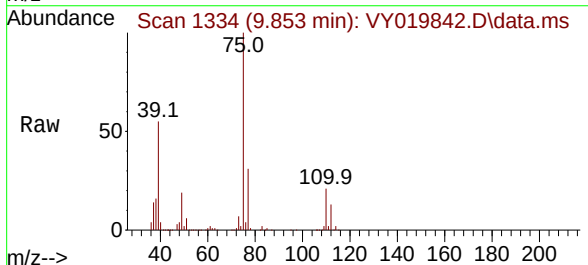
Instrument :
MSVOA_Y
ClientSampleId :

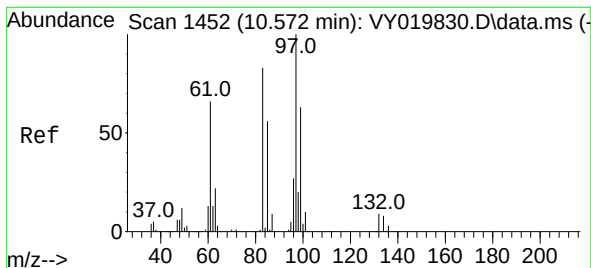
Tgt Ion: 75 Resp: 261164
Ion Ratio Lower Upper
75 100
77 33.0 25.2 37.8



#54
cis-1,3-Dichloropropene
Concen: 42.300 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. -0.000 min
Lab File: VY019842.D
Acq: 09 Oct 2024 19:00

Tgt Ion: 75 Resp: 310020
Ion Ratio Lower Upper
75 100
77 31.4 25.4 38.2
39 54.8 43.1 64.7

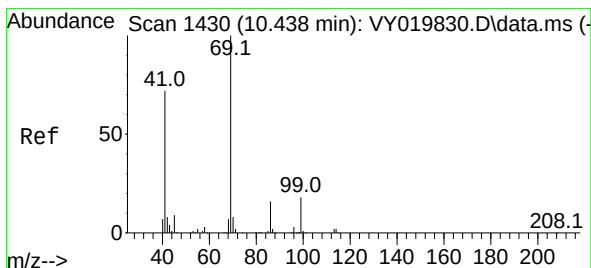
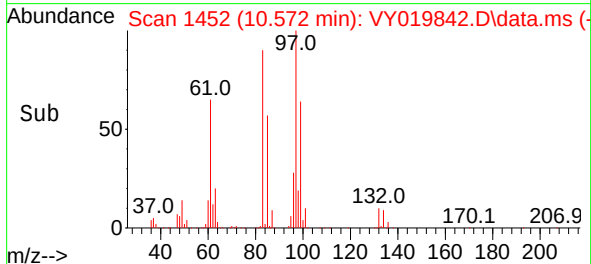
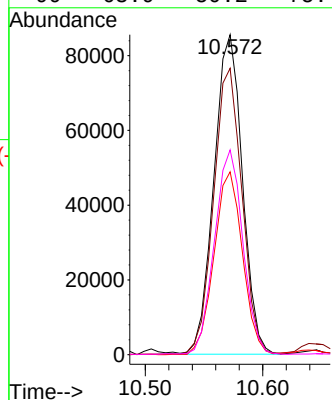
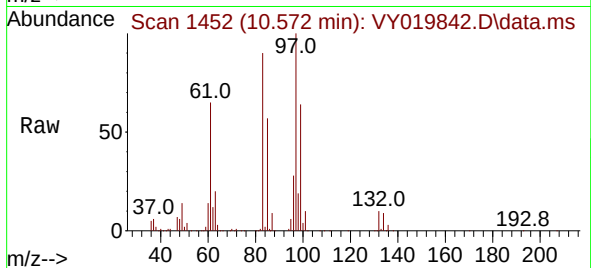




#55
1,1,2-Trichloroethane
Concen: 41.963 ug/l
RT: 10.572 min Scan# 1452
Delta R.T. -0.000 min
Lab File: VY019842.D
Acq: 09 Oct 2024 19:00

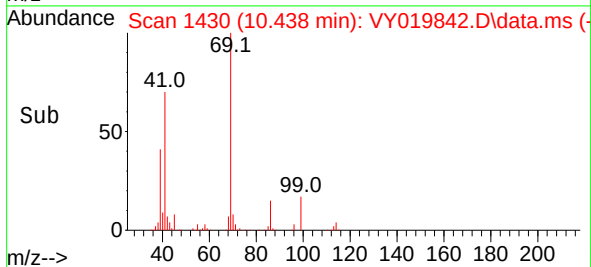
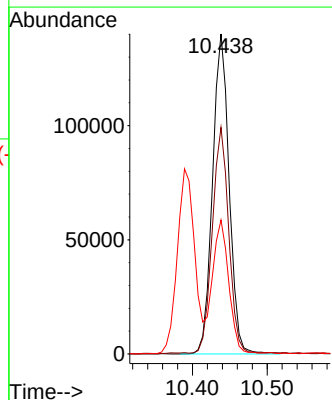
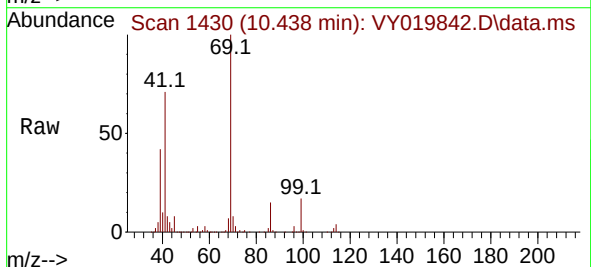
Instrument :
MSVOA_Y
ClientSampleId :

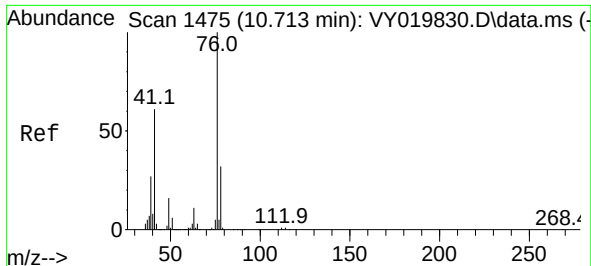
Tgt Ion:	97	Resp:	143787
Ion	Ratio	Lower	Upper
97	100		
83	89.6	66.7	100.1
85	57.2	45.0	67.4
99	63.9	50.2	75.4



#56
Ethyl methacrylate
Concen: 43.993 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VY019842.D
Acq: 09 Oct 2024 19:00

Tgt Ion:	69	Resp:	216299
Ion	Ratio	Lower	Upper
69	100		
41	70.7	55.2	82.8
39	41.3	33.0	49.4





#57

1,3-Dichloropropane

Concen: 42.966 ug/l

RT: 10.712 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VY019842.D

Acq: 09 Oct 2024 19:00

Instrument :

MSVOA_Y

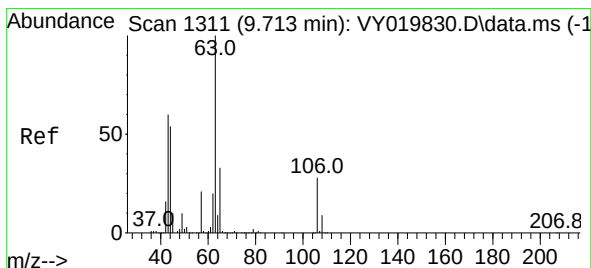
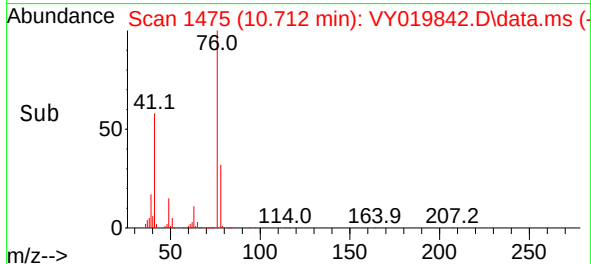
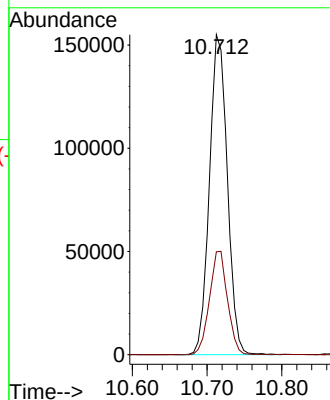
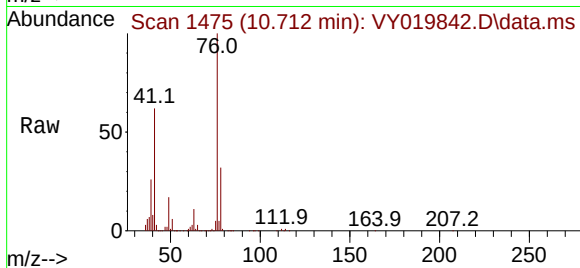
ClientSampleId :

Tgt Ion: 76 Resp: 258543

Ion Ratio Lower Upper

76 100

78 32.5 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 258.401 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. -0.000 min

Lab File: VY019842.D

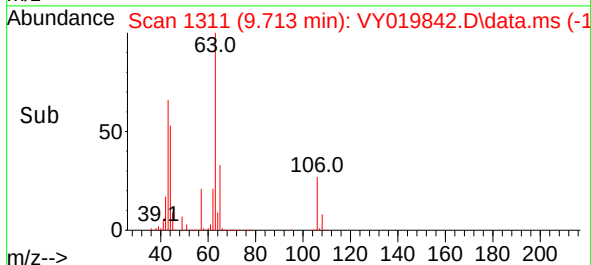
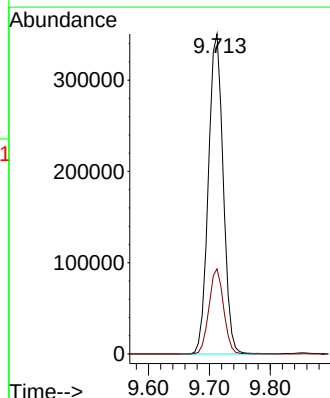
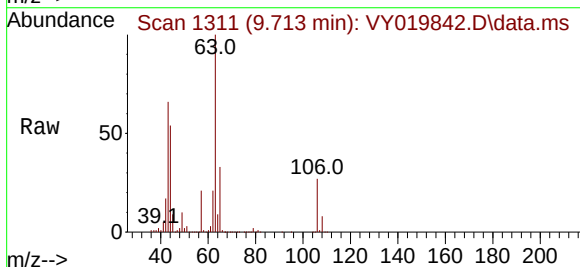
Acq: 09 Oct 2024 19:00

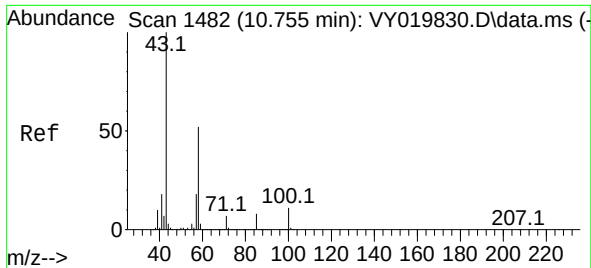
Tgt Ion: 63 Resp: 591450

Ion Ratio Lower Upper

63 100

106 26.2 21.7 32.5





#59

2-Hexanone

Concen: 207.643 ug/l

RT: 10.755 min Scan# 1482

Delta R.T. -0.000 min

Lab File: VY019842.D

Acq: 09 Oct 2024 19:00

Instrument :

MSVOA_Y

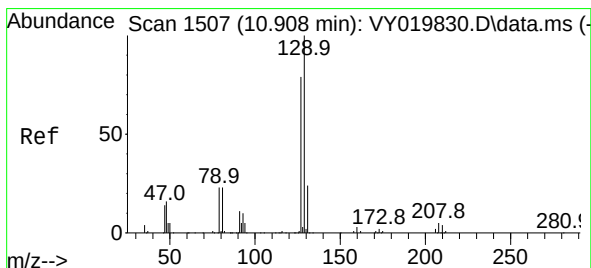
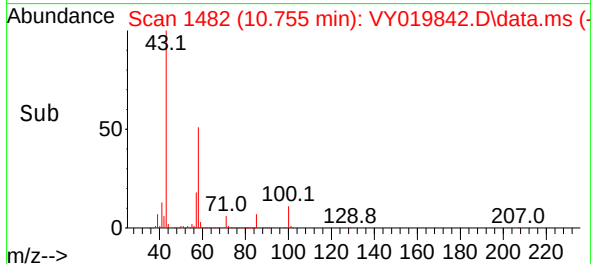
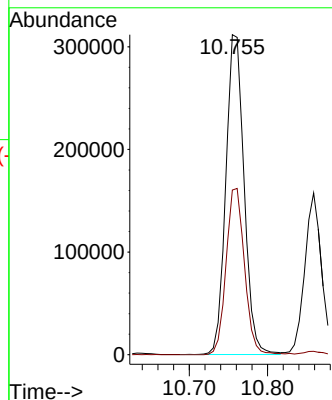
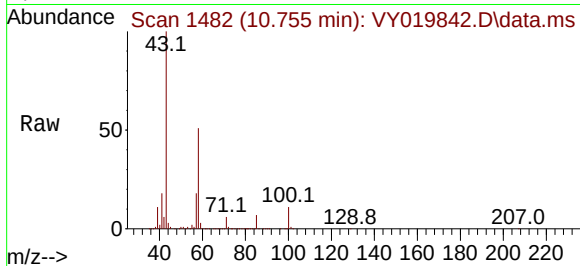
ClientSampleId :

Tgt Ion: 43 Resp: 505511

Ion Ratio Lower Upper

43 100

58 52.3 26.4 79.2



#60

Dibromochloromethane

Concen: 42.762 ug/l

RT: 10.907 min Scan# 1507

Delta R.T. -0.000 min

Lab File: VY019842.D

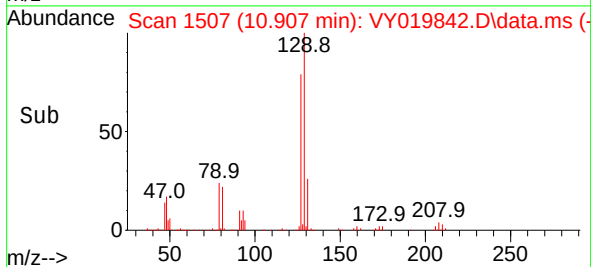
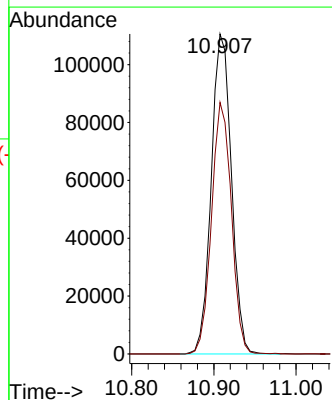
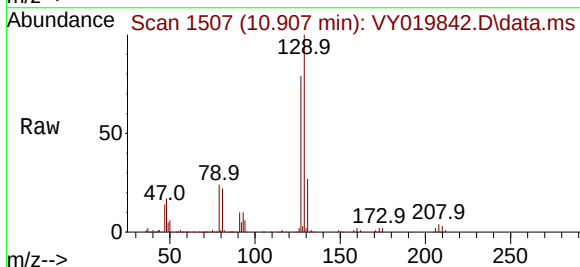
Acq: 09 Oct 2024 19:00

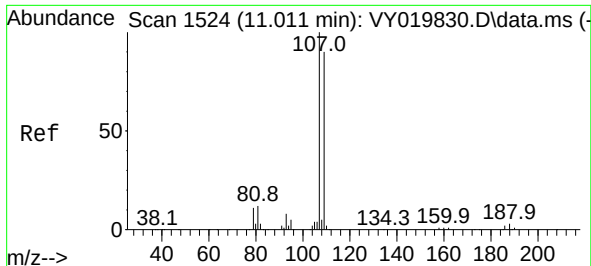
Tgt Ion: 129 Resp: 188069

Ion Ratio Lower Upper

129 100

127 77.6 39.5 118.5





#61

1,2-Dibromoethane

Concen: 42.488 ug/l

RT: 11.011 min Scan# 1524

Delta R.T. -0.000 min

Lab File: VY019842.D

Acq: 09 Oct 2024 19:00

Instrument :

MSVOA_Y

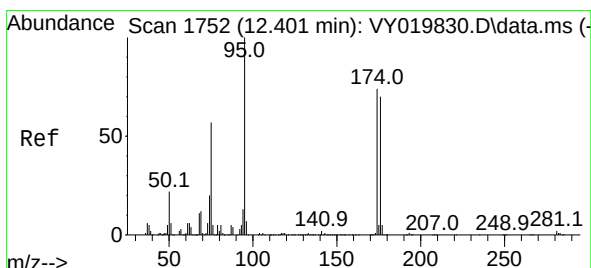
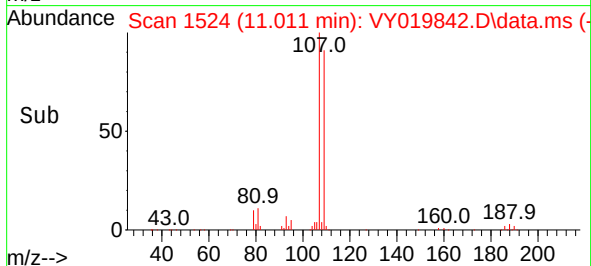
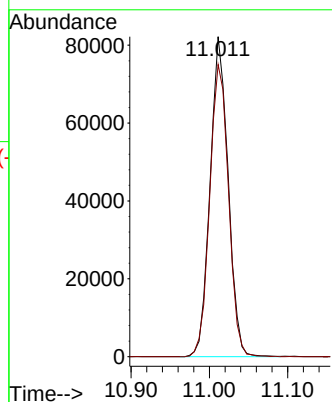
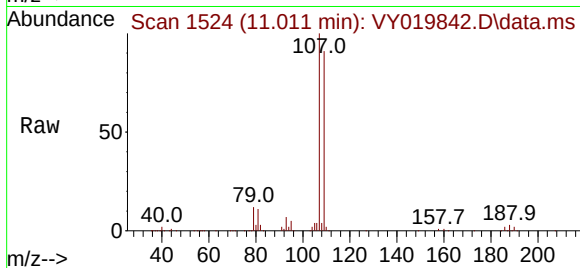
ClientSampleId :

Tgt Ion:107 Resp: 131560

Ion Ratio Lower Upper

107 100

109 95.0 74.4 111.6



#62

4-Bromofluorobenzene

Concen: 50.584 ug/l

RT: 12.401 min Scan# 1752

Delta R.T. -0.000 min

Lab File: VY019842.D

Acq: 09 Oct 2024 19:00

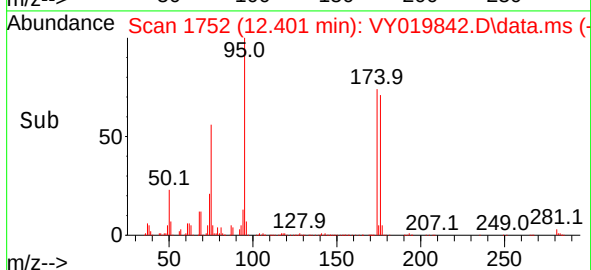
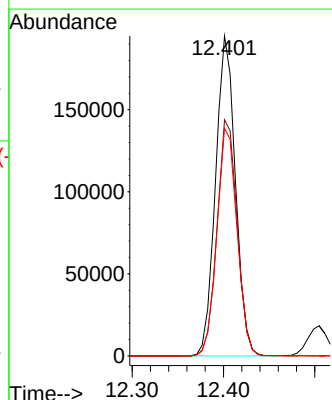
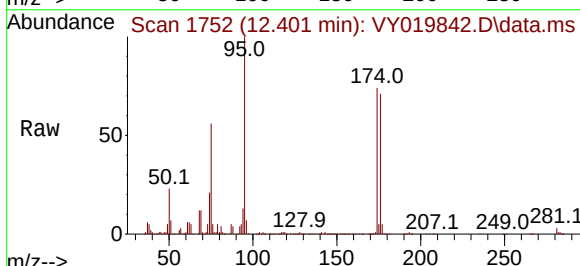
Tgt Ion: 95 Resp: 294415

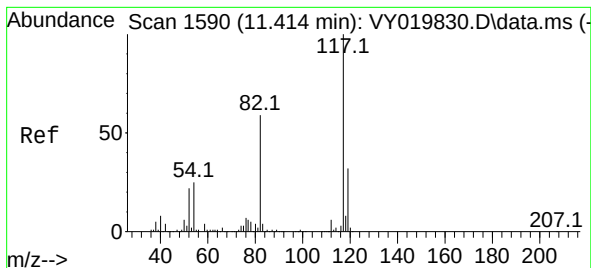
Ion Ratio Lower Upper

95 100

174 75.0 0.0 148.0

176 72.3 0.0 142.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.413 min Scan# 1590

Delta R.T. -0.000 min

Lab File: VY019842.D

Acq: 09 Oct 2024 19:00

Instrument :

MSVOA_Y

ClientSampleId :

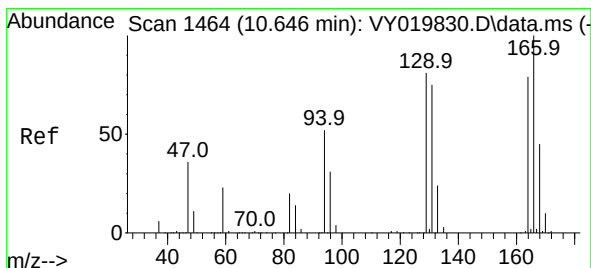
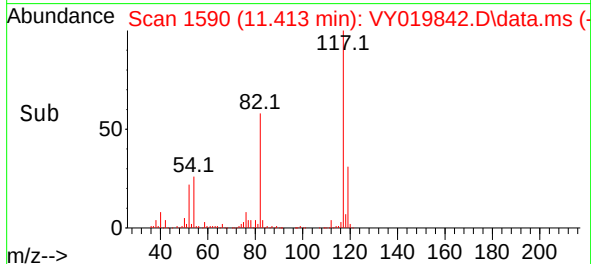
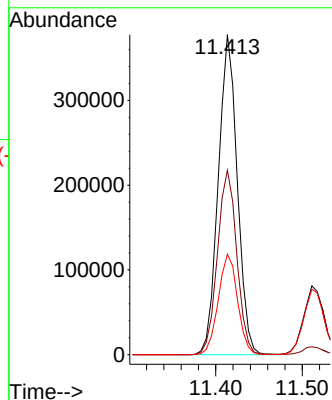
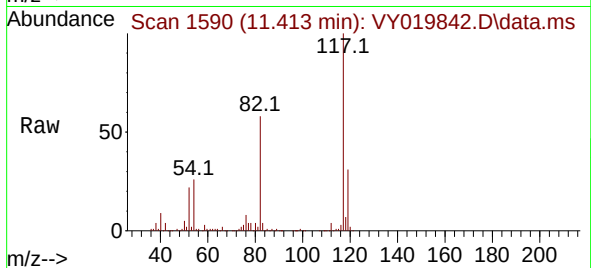
Tgt Ion:117 Resp: 575209

Ion Ratio Lower Upper

117 100

82 57.7 46.9 70.3

119 31.4 25.4 38.2



#64

Tetrachloroethene

Concen: 41.649 ug/l

RT: 10.645 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VY019842.D

Acq: 09 Oct 2024 19:00

Tgt Ion:164 Resp: 170401

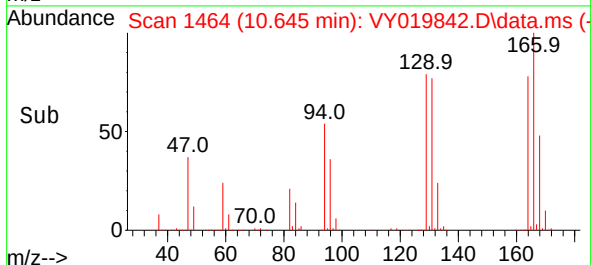
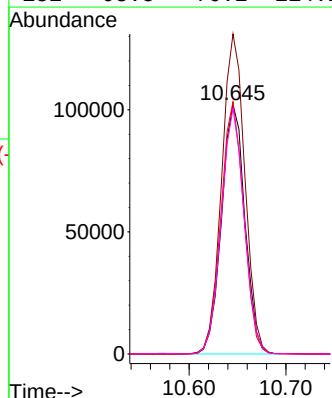
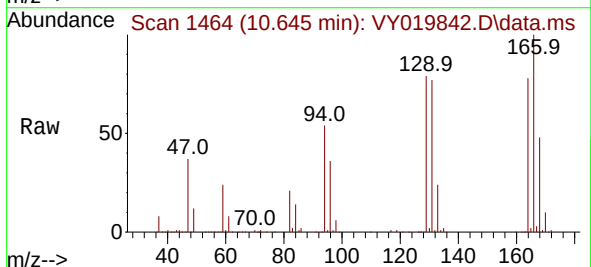
Ion Ratio Lower Upper

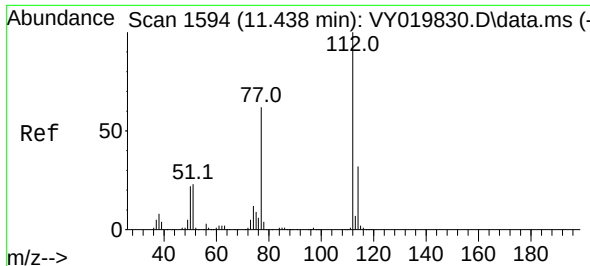
164 100

166 128.3 101.0 151.6

129 101.1 81.4 122.2

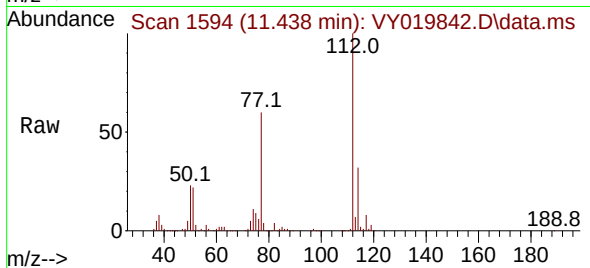
131 98.5 76.2 114.2



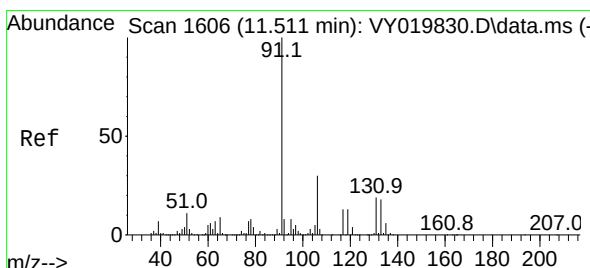
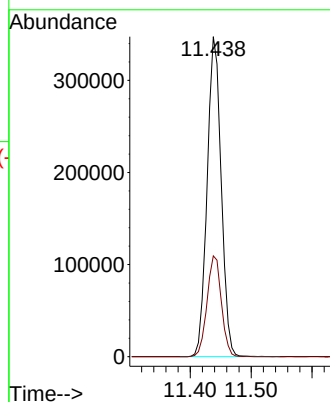
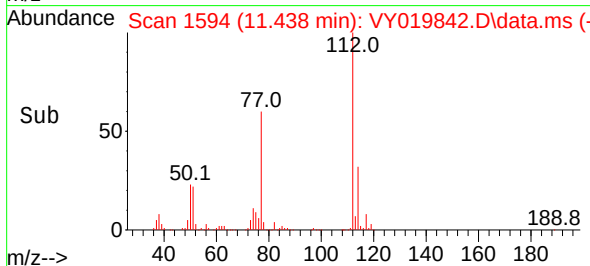


#65
Chlorobenzene
Concen: 42.327 ug/l
RT: 11.438 min Scan# 1594
Delta R.T. -0.000 min
Lab File: VY019842.D
Acq: 09 Oct 2024 19:00

Instrument :
MSVOA_Y
ClientSampleId :

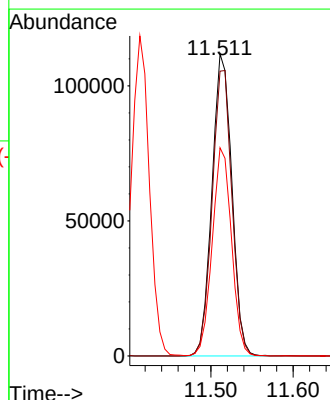
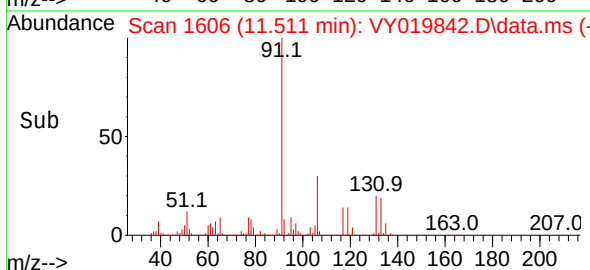
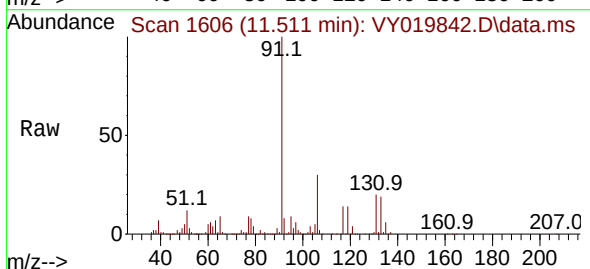


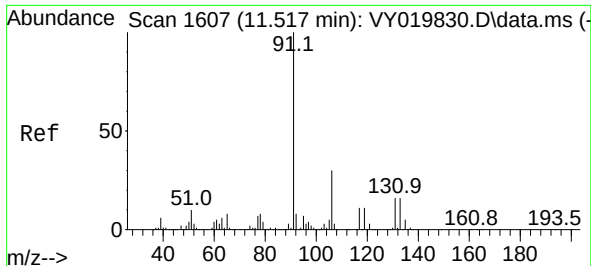
Tgt Ion:112 Resp: 556875
Ion Ratio Lower Upper
112 100
114 31.5 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 42.202 ug/l
RT: 11.511 min Scan# 1606
Delta R.T. -0.000 min
Lab File: VY019842.D
Acq: 09 Oct 2024 19:00

Tgt Ion:131 Resp: 187851
Ion Ratio Lower Upper
131 100
133 94.4 48.0 144.0
119 66.9 33.4 100.1





#67

Ethyl Benzene

Concen: 42.036 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. -0.000 min

Lab File: VY019842.D

Acq: 09 Oct 2024 19:00

Instrument :

MSVOA_Y

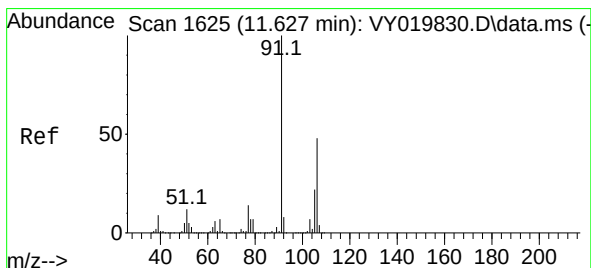
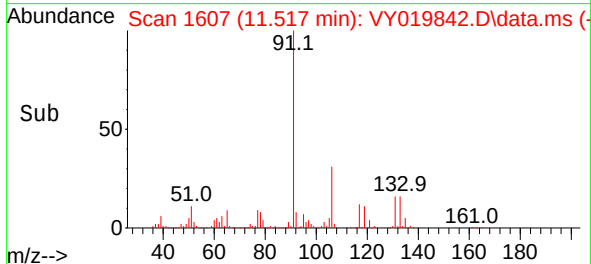
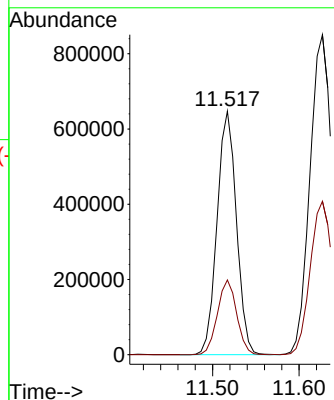
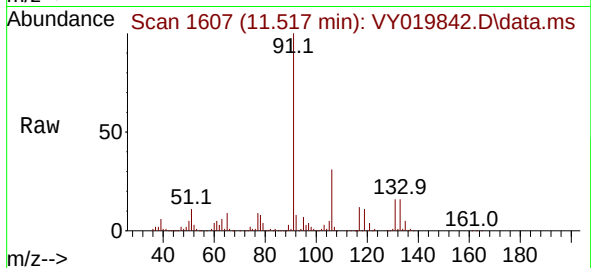
ClientSampleId :

Tgt Ion: 91 Resp: 1004614

Ion Ratio Lower Upper

91 100

106 30.7 23.7 35.5



#68

m/p-Xylenes

Concen: 83.298 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.000 min

Lab File: VY019842.D

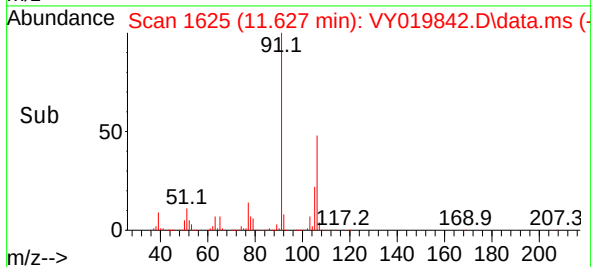
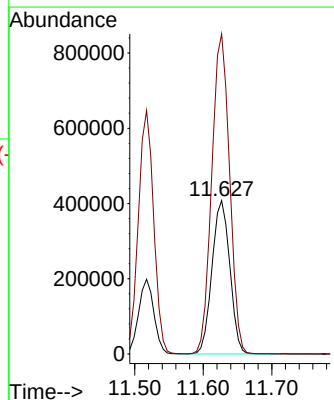
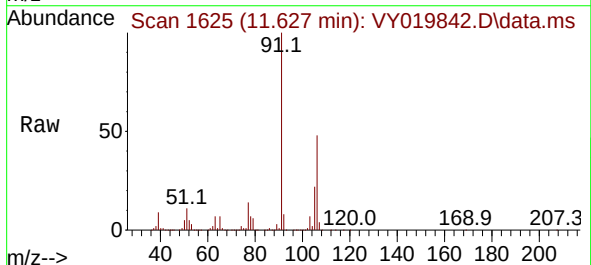
Acq: 09 Oct 2024 19:00

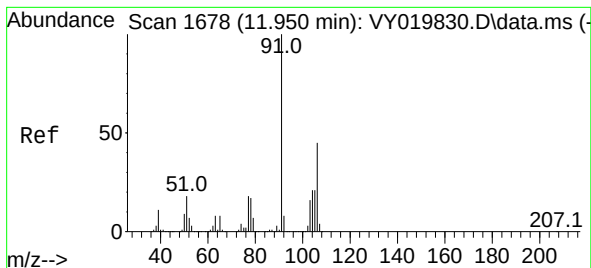
Tgt Ion:106 Resp: 735229

Ion Ratio Lower Upper

106 100

91 208.5 165.7 248.5





#69

o-Xylene

Concen: 41.984 ug/l

RT: 11.950 min Scan# 1678

Delta R.T. -0.000 min

Lab File: VY019842.D

Acq: 09 Oct 2024 19:00

Instrument :

MSVOA_Y

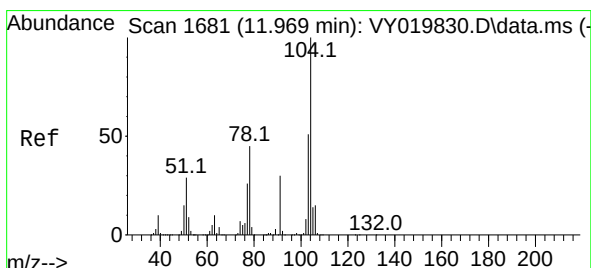
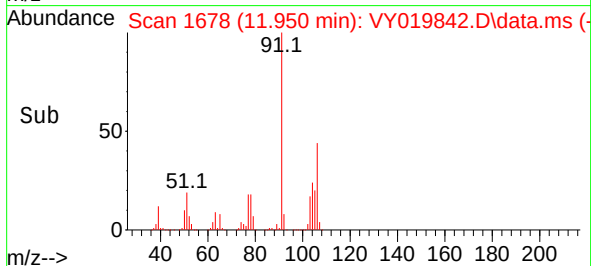
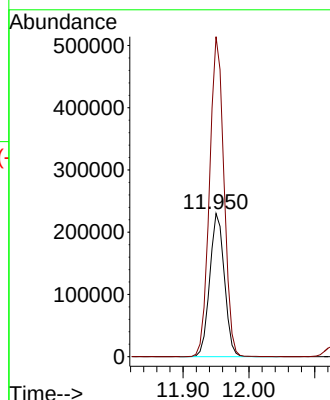
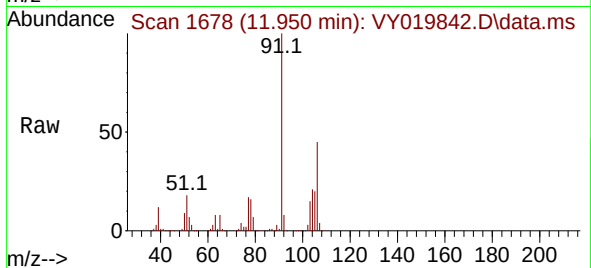
ClientSampleId :

Tgt Ion:106 Resp: 356049

Ion Ratio Lower Upper

106 100

91 220.3 109.5 328.4



#70

Styrene

Concen: 42.891 ug/l

RT: 11.968 min Scan# 1681

Delta R.T. -0.000 min

Lab File: VY019842.D

Acq: 09 Oct 2024 19:00

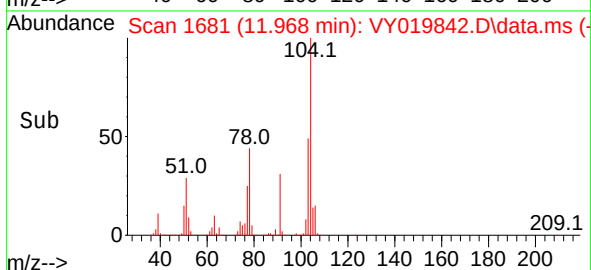
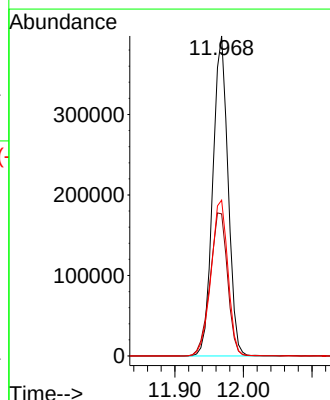
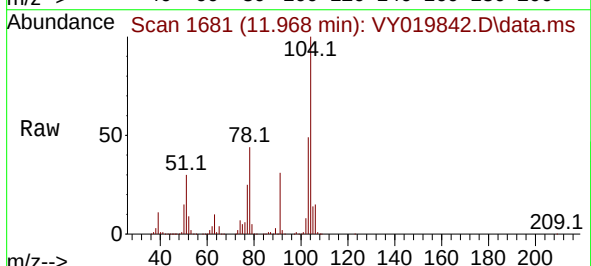
Tgt Ion:104 Resp: 613677

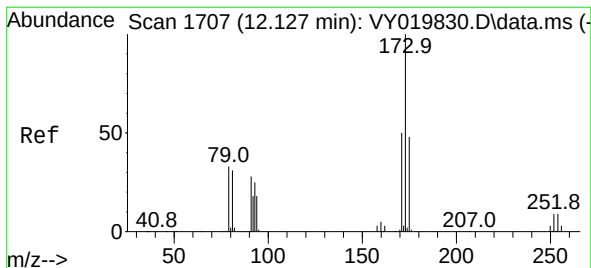
Ion Ratio Lower Upper

104 100

78 51.2 41.9 62.9

103 54.0 43.7 65.5





#71

Bromoform

Concen: 41.293 ug/l

RT: 12.127 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY019842.D

Acq: 09 Oct 2024 19:00

Instrument :

MSVOA_Y

ClientSampleId :

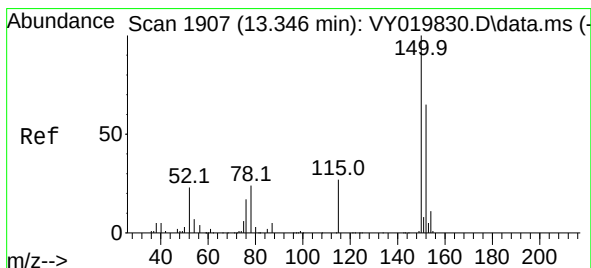
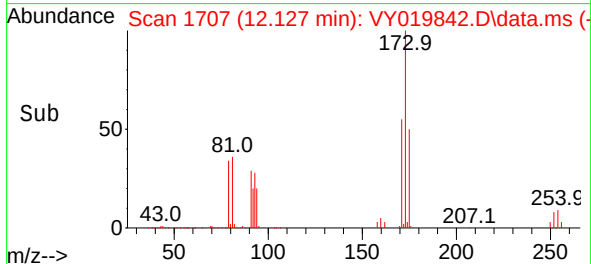
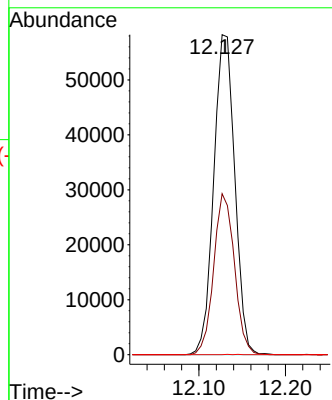
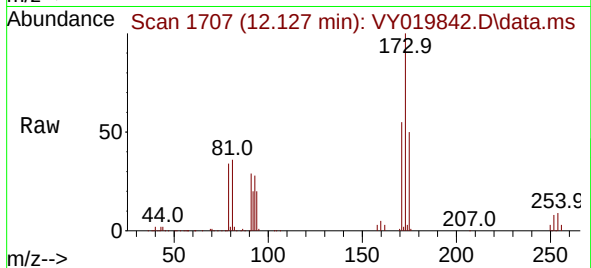
Tgt Ion:173 Resp: 98397

Ion Ratio Lower Upper

173 100

175 49.4 23.6 71.0

254 0.1 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: VY019842.D

Acq: 09 Oct 2024 19:00

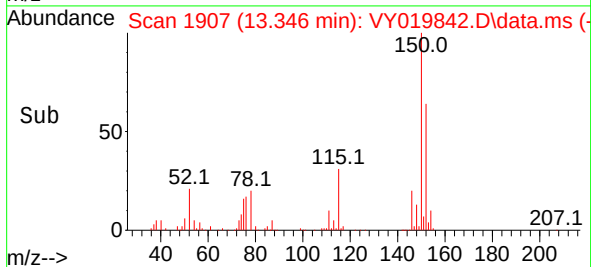
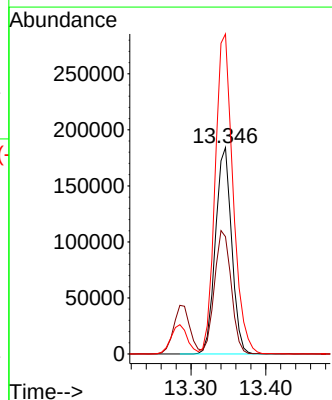
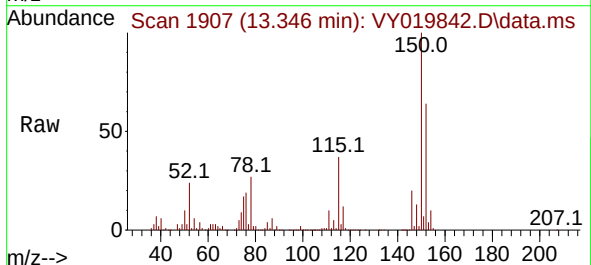
Tgt Ion:152 Resp: 278078

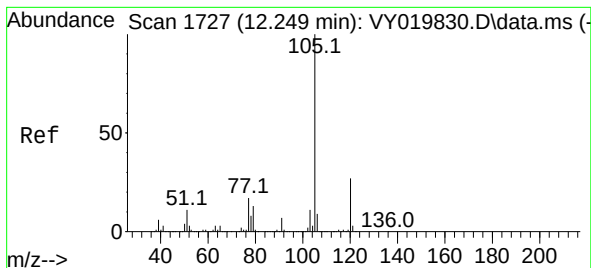
Ion Ratio Lower Upper

152 100

115 61.3 30.8 92.3

150 171.0 0.0 352.8





#73

Isopropylbenzene

Concen: 40.803 ug/l

RT: 12.249 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY019842.D

Acq: 09 Oct 2024 19:00

Instrument :

MSVOA_Y

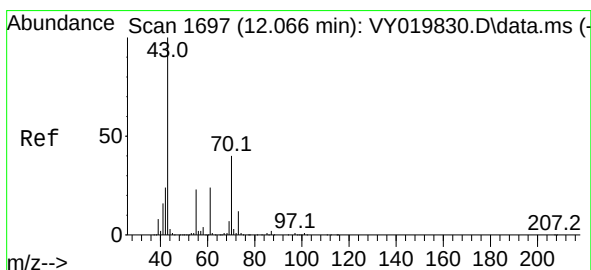
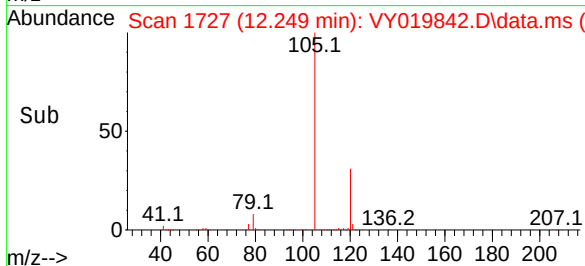
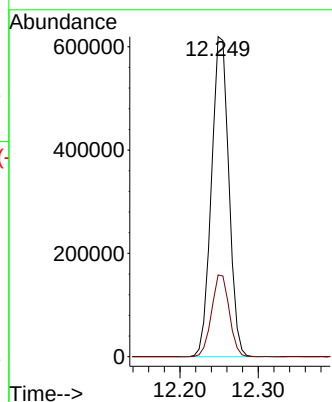
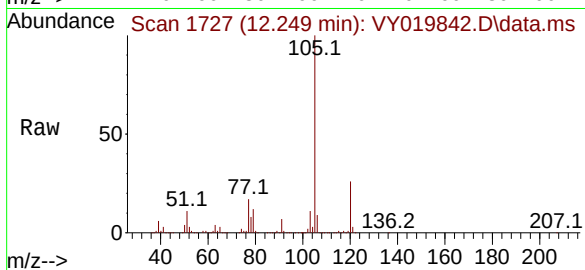
ClientSampleId :

Tgt Ion:105 Resp: 954388

Ion Ratio Lower Upper

105 100

120 25.9 13.0 38.9



#74

N-ethyl acetate

Concen: 41.859 ug/l

RT: 12.066 min Scan# 1697

Delta R.T. -0.000 min

Lab File: VY019842.D

Acq: 09 Oct 2024 19:00

Tgt Ion: 43 Resp: 259315

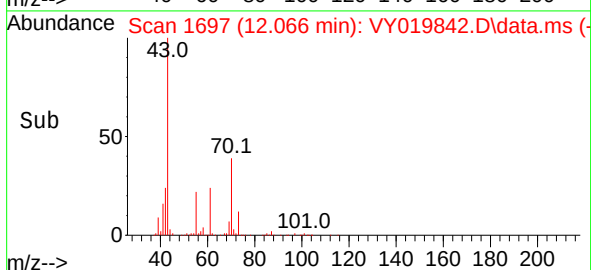
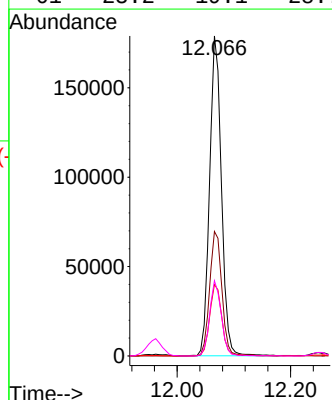
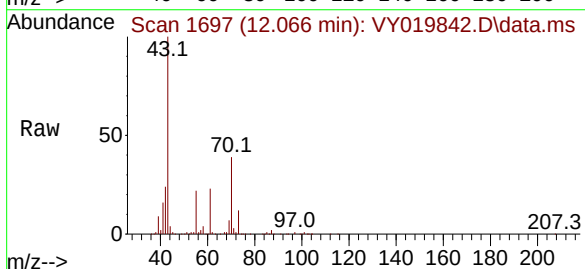
Ion Ratio Lower Upper

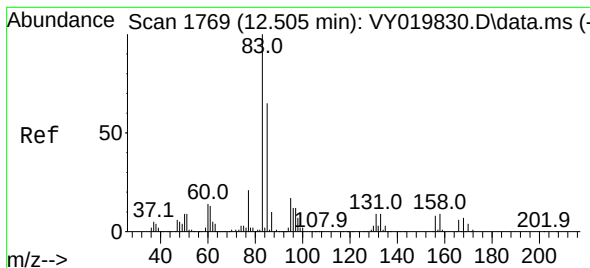
43 100

70 40.0 32.8 49.2

55 23.1 19.3 28.9

61 23.2 19.1 28.7





#75

1,1,2,2-Tetrachloroethane

Concen: 41.530 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. -0.000 min

Lab File: VY019842.D

Acq: 09 Oct 2024 19:00

Instrument :

MSVOA_Y

ClientSampleId :

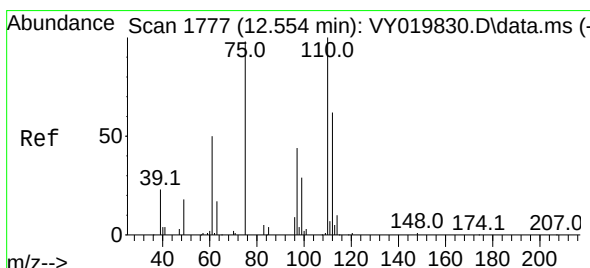
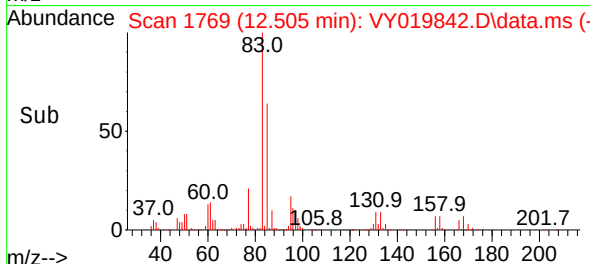
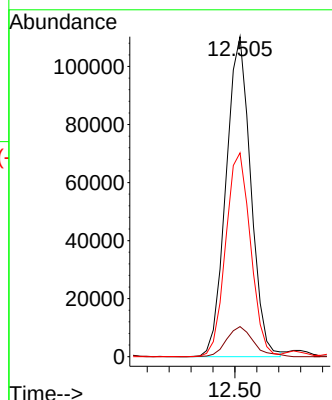
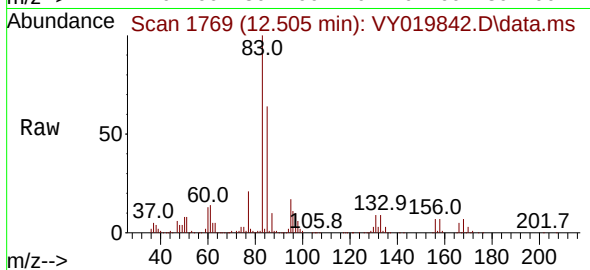
Tgt Ion: 83 Resp: 172604

Ion Ratio Lower Upper

83 100

131 10.3 4.9 14.6

85 64.2 31.7 95.1



#76

1,2,3-Trichloropropane

Concen: 76.127 ug/l

RT: 12.554 min Scan# 1777

Delta R.T. -0.000 min

Lab File: VY019842.D

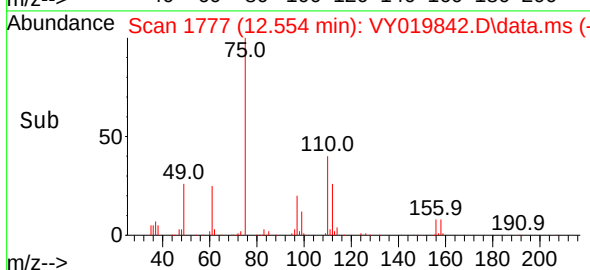
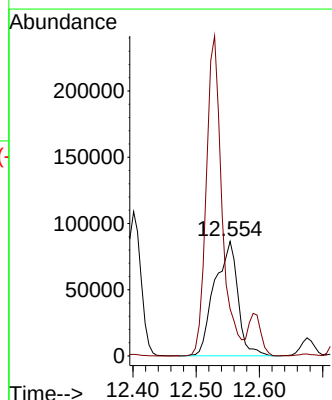
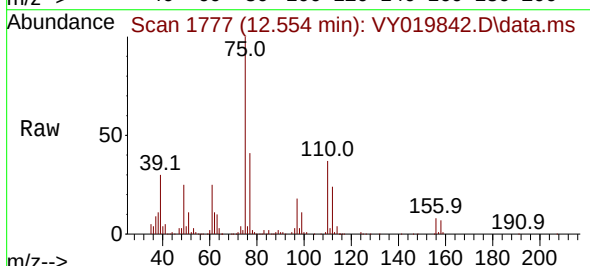
Acq: 09 Oct 2024 19:00

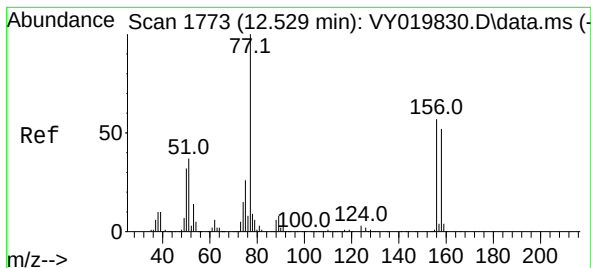
Tgt Ion: 75 Resp: 220432

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 40.566 ug/l

RT: 12.529 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VY019842.D

Acq: 09 Oct 2024 19:00

Instrument :

MSVOA_Y

ClientSampleId :

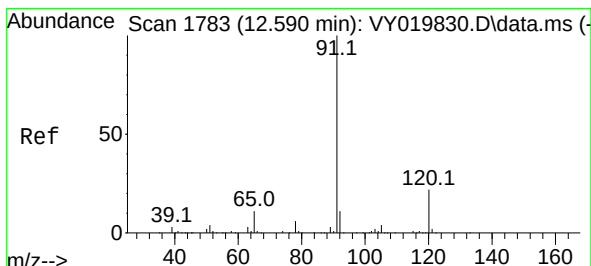
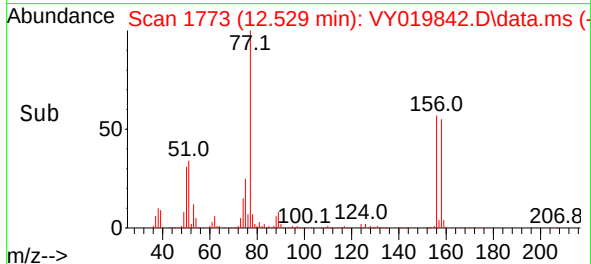
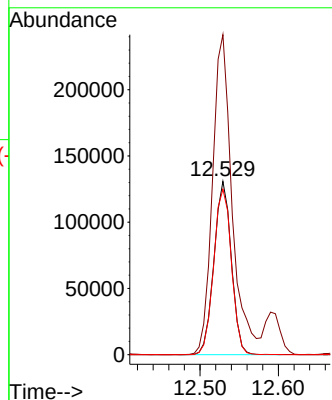
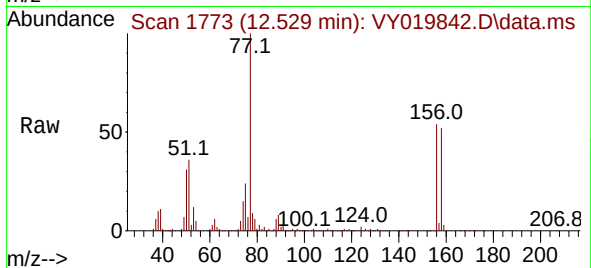
Tgt Ion:156 Resp: 201350

Ion Ratio Lower Upper

156 100

77 207.1 101.3 303.9

158 98.0 47.9 143.6



#78

n-propylbenzene

Concen: 40.810 ug/l

RT: 12.590 min Scan# 1783

Delta R.T. -0.000 min

Lab File: VY019842.D

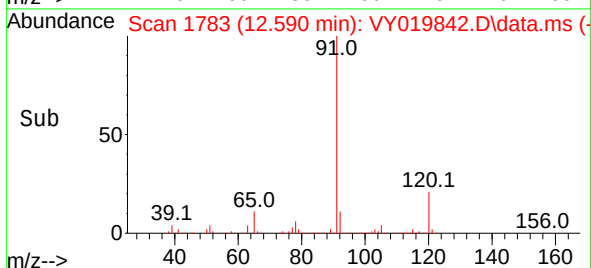
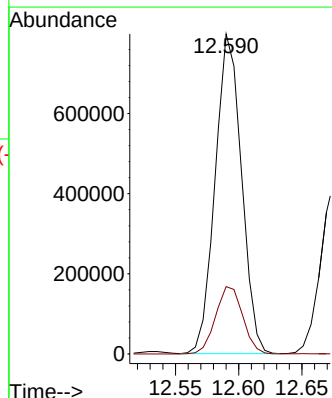
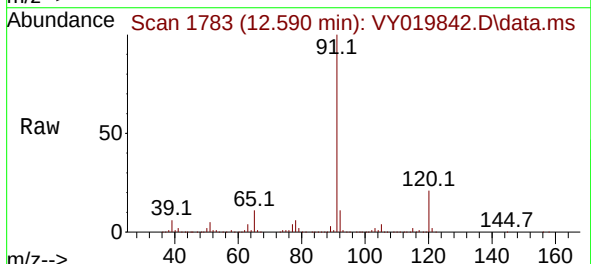
Acq: 09 Oct 2024 19:00

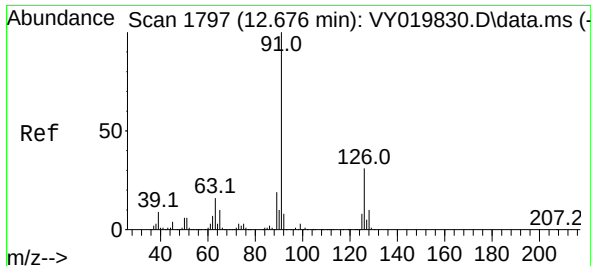
Tgt Ion: 91 Resp: 1153387

Ion Ratio Lower Upper

91 100

120 21.7 10.8 32.4





#79

2-Chlorotoluene

Concen: 41.109 ug/l

RT: 12.675 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VY019842.D

Acq: 09 Oct 2024 19:00

Instrument :

MSVOA_Y

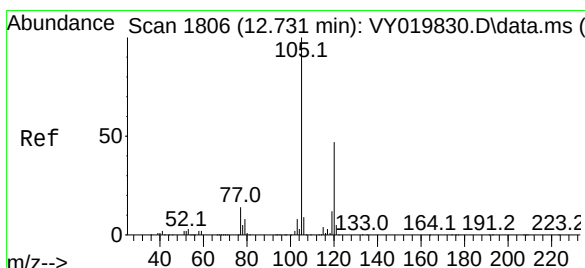
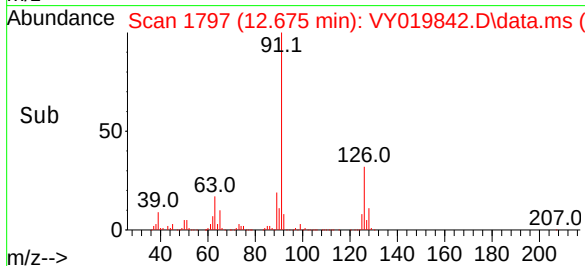
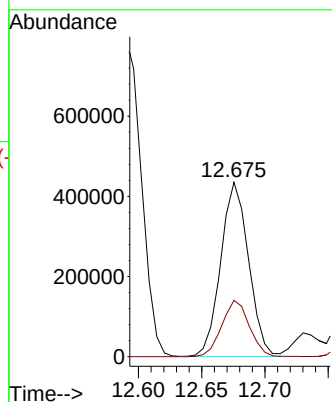
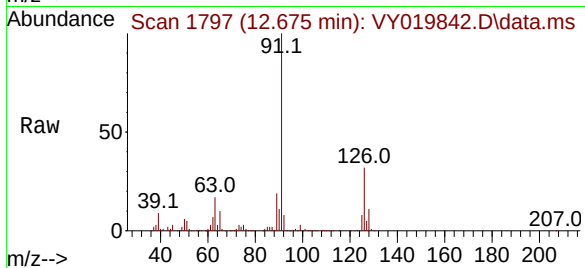
ClientSampleId :

Tgt Ion: 91 Resp: 666087

Ion Ratio Lower Upper

91 100

126 32.1 16.1 48.2



#80

1,3,5-Trimethylbenzene

Concen: 40.552 ug/l

RT: 12.730 min Scan# 1806

Delta R.T. -0.000 min

Lab File: VY019842.D

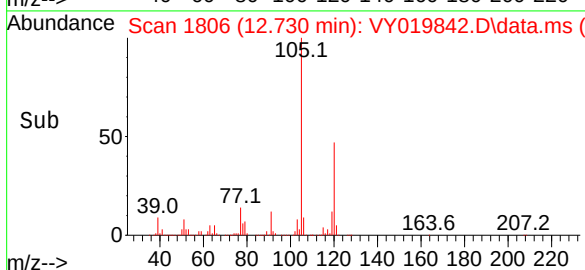
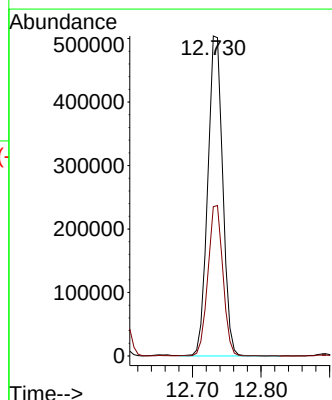
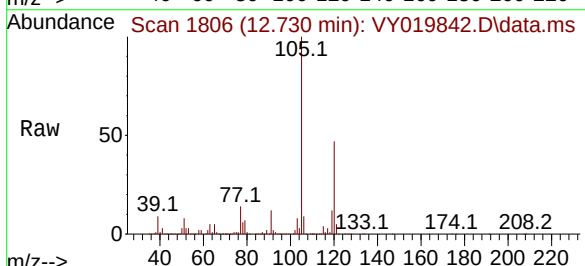
Acq: 09 Oct 2024 19:00

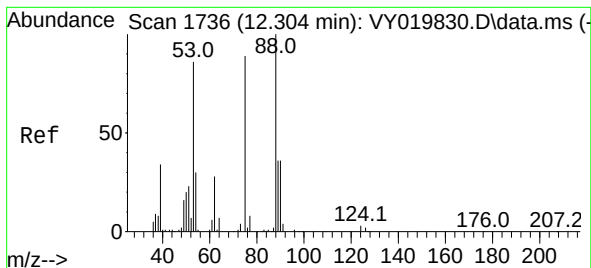
Tgt Ion:105 Resp: 766018

Ion Ratio Lower Upper

105 100

120 47.2 23.8 71.5

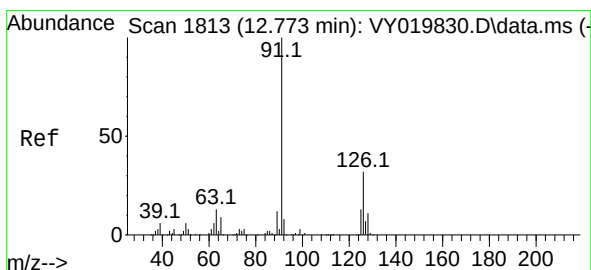
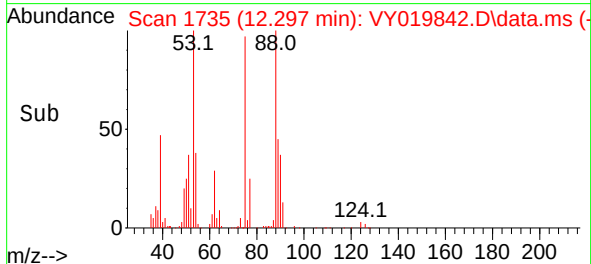
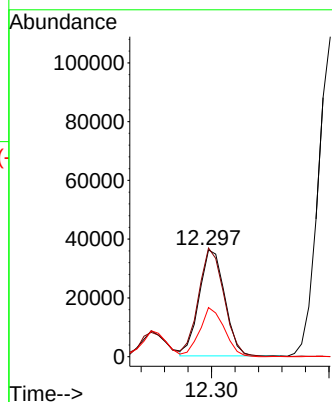
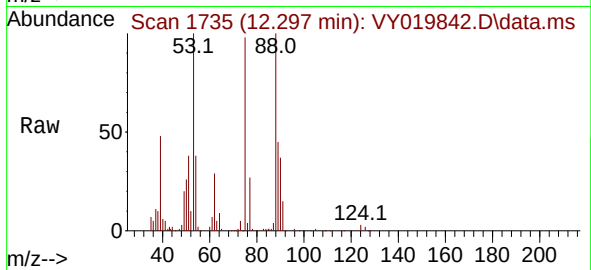




#81
trans-1,4-Dichloro-2-butene
Concen: 40.405 ug/l
RT: 12.297 min Scan# 1735
Delta R.T. -0.006 min
Lab File: VY019842.D
Acq: 09 Oct 2024 19:00

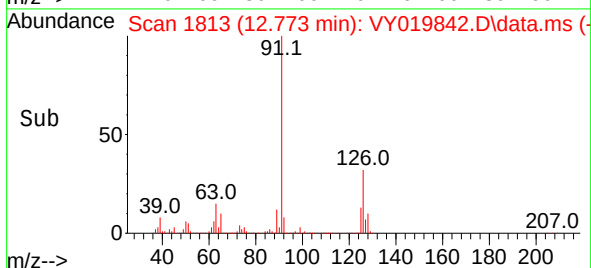
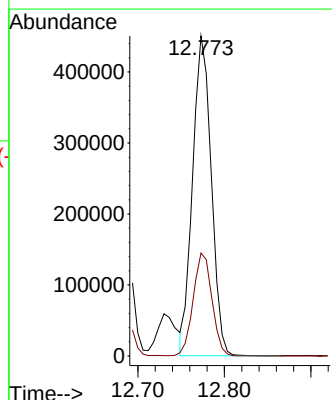
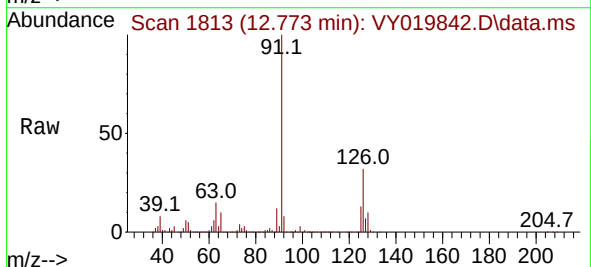
Instrument :
MSVOA_Y
ClientSampleId :

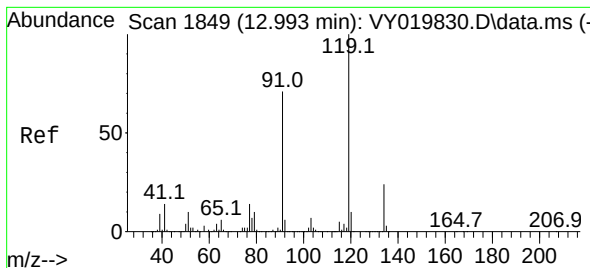
Tgt Ion: 75 Resp: 54531
Ion Ratio Lower Upper
75 100
53 102.4 84.7 127.1
89 44.8 35.4 53.2



#82
4-Chlorotoluene
Concen: 40.705 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VY019842.D
Acq: 09 Oct 2024 19:00

Tgt Ion: 91 Resp: 674367
Ion Ratio Lower Upper
91 100
126 32.4 16.1 48.3





#83

tert-Butylbenzene

Concen: 40.532 ug/l

RT: 12.992 min Scan# 1849

Delta R.T. -0.000 min

Lab File: VY019842.D

Acq: 09 Oct 2024 19:00

Instrument :

MSVOA_Y

ClientSampleId :

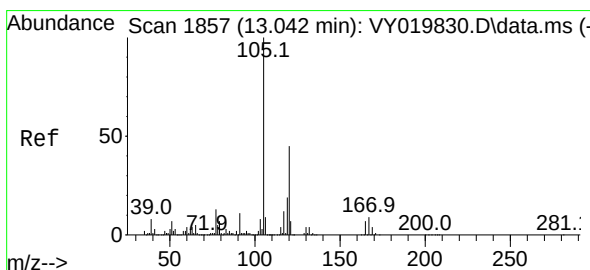
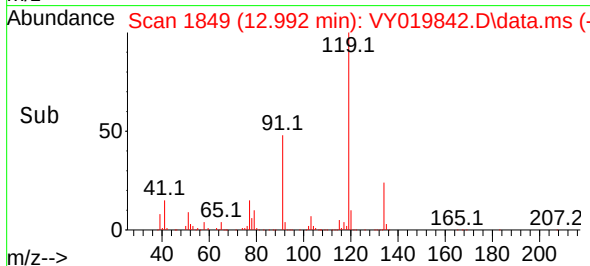
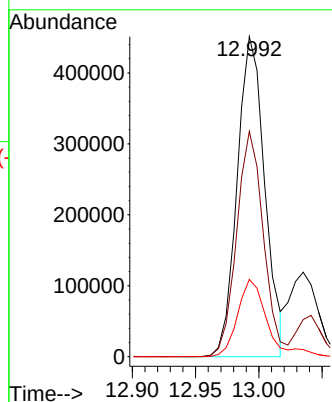
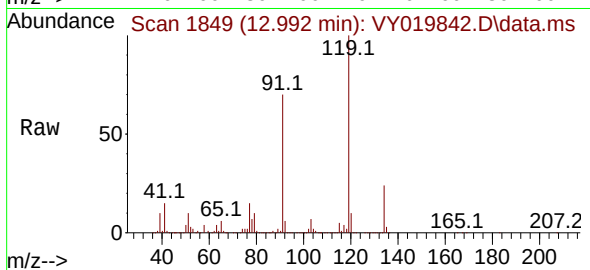
Tgt Ion:119 Resp: 685881

Ion Ratio Lower Upper

119 100

91 68.5 34.6 103.8

134 25.8 13.2 39.6



#84

1,2,4-Trimethylbenzene

Concen: 41.056 ug/l

RT: 13.041 min Scan# 1857

Delta R.T. -0.000 min

Lab File: VY019842.D

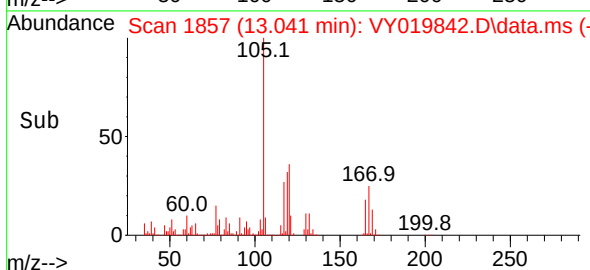
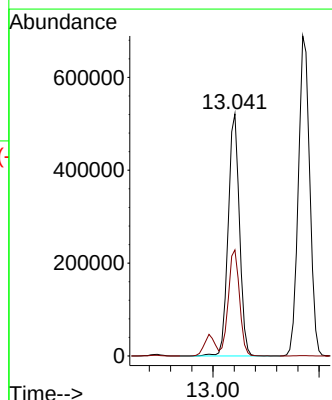
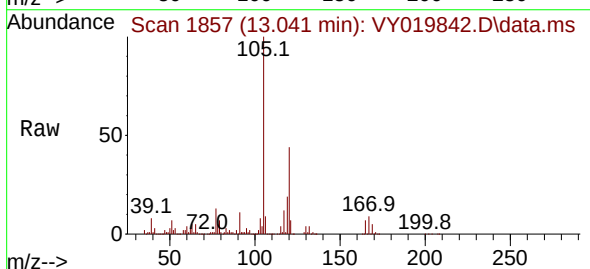
Acq: 09 Oct 2024 19:00

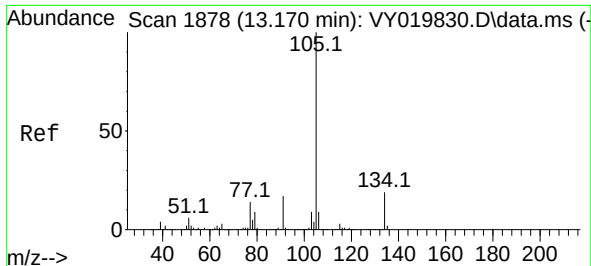
Tgt Ion:105 Resp: 768896

Ion Ratio Lower Upper

105 100

120 43.7 22.1 66.3





#85

sec-Butylbenzene

Concen: 40.485 ug/l

RT: 13.169 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VY019842.D

Acq: 09 Oct 2024 19:00

Instrument :

MSVOA_Y

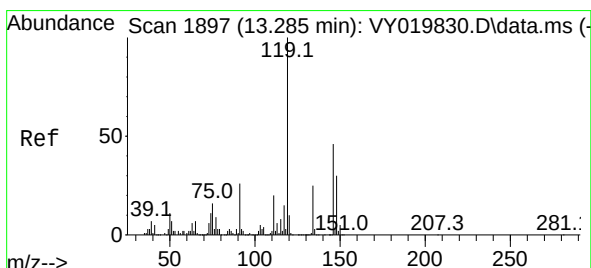
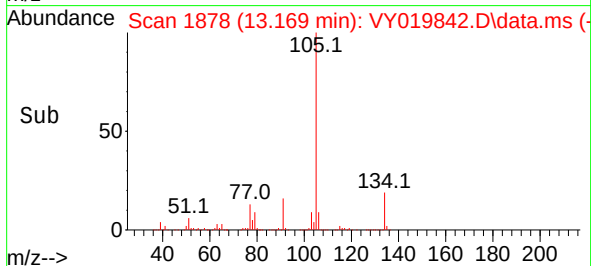
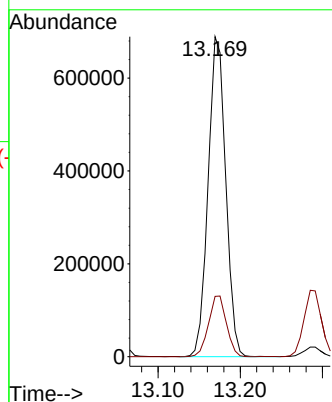
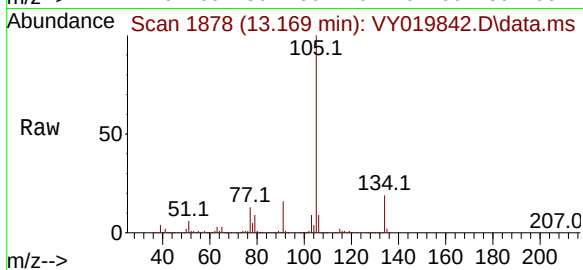
ClientSampleId :

Tgt Ion:105 Resp: 1023580

Ion Ratio Lower Upper

105 100

134 19.3 9.8 29.3



#86

p-Isopropyltoluene

Concen: 39.789 ug/l

RT: 13.285 min Scan# 1897

Delta R.T. -0.000 min

Lab File: VY019842.D

Acq: 09 Oct 2024 19:00

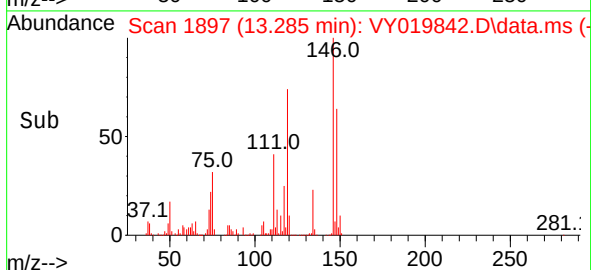
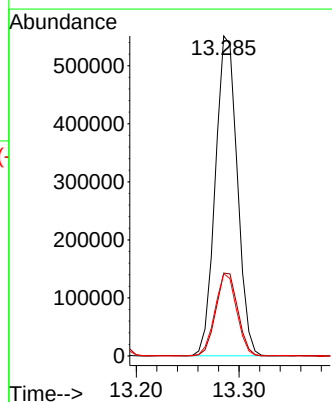
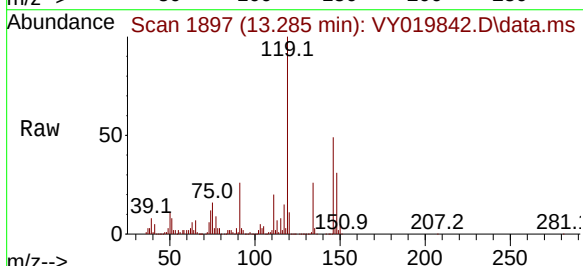
Tgt Ion:119 Resp: 816887

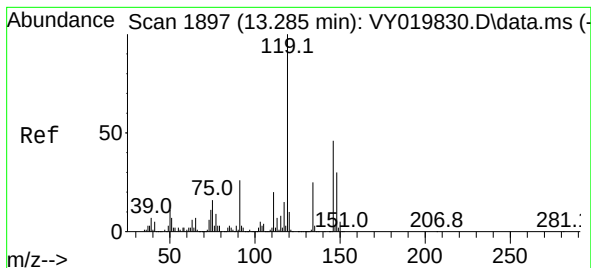
Ion Ratio Lower Upper

119 100

134 25.9 12.8 38.3

91 25.2 12.7 38.0





#87

1,3-Dichlorobenzene

Concen: 40.008 ug/l

RT: 13.285 min Scan# 1897

Delta R.T. -0.000 min

Lab File: VY019842.D

Acq: 09 Oct 2024 19:00

Instrument :

MSVOA_Y

ClientSampleId :

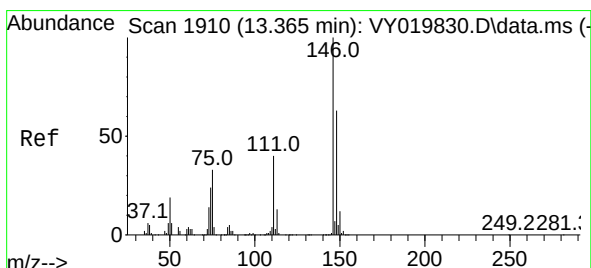
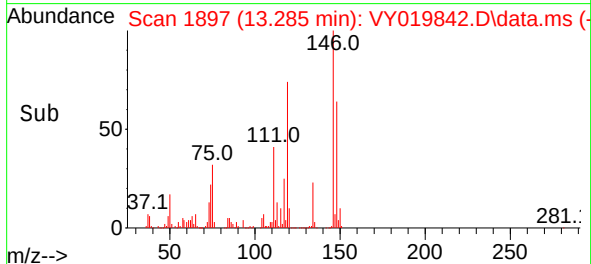
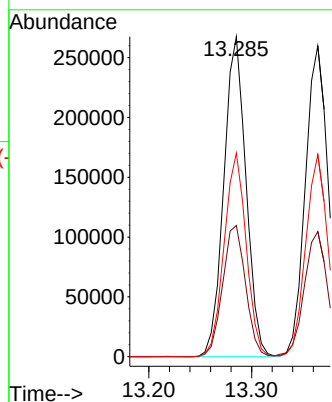
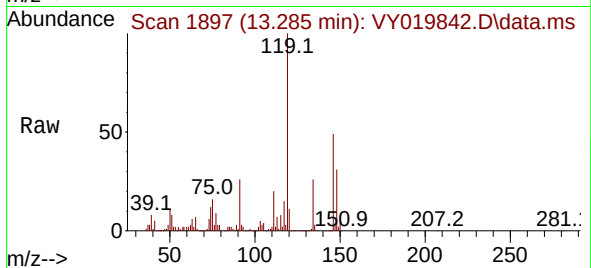
Tgt Ion:146 Resp: 401021

Ion Ratio Lower Upper

146 100

111 42.4 21.1 63.1

148 63.2 32.0 96.2



#88

1,4-Dichlorobenzene

Concen: 40.516 ug/l

RT: 13.364 min Scan# 1910

Delta R.T. -0.000 min

Lab File: VY019842.D

Acq: 09 Oct 2024 19:00

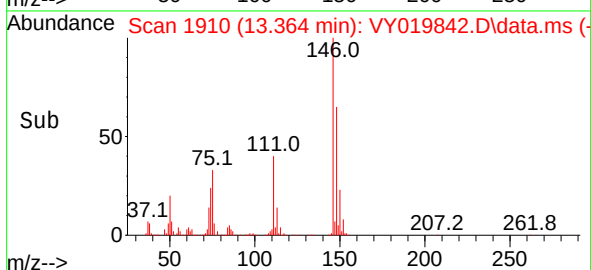
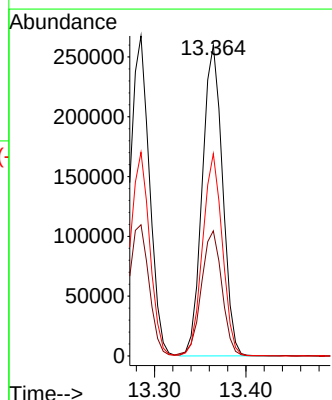
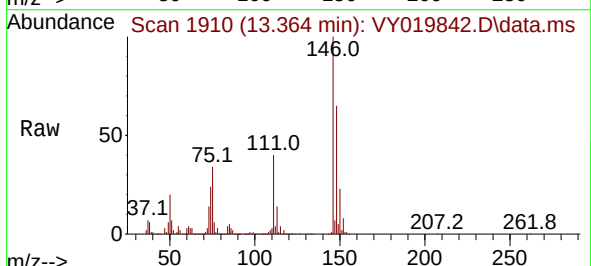
Tgt Ion:146 Resp: 398972

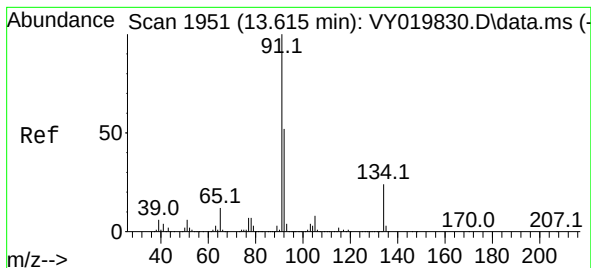
Ion Ratio Lower Upper

146 100

111 40.9 20.3 61.0

148 63.5 32.0 96.0





#89

n-Butylbenzene

Concen: 39.926 ug/l

RT: 13.614 min Scan# 1951

Delta R.T. -0.000 min

Lab File: VY019842.D

Acq: 09 Oct 2024 19:00

Instrument :

MSVOA_Y

ClientSampleId :

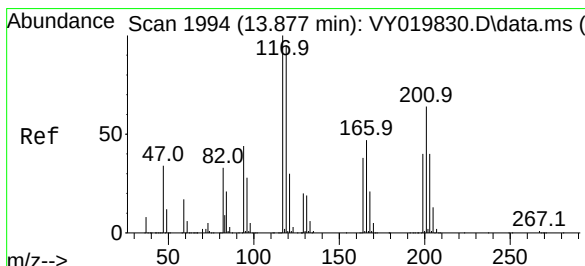
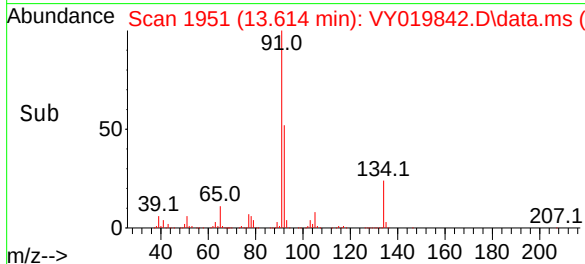
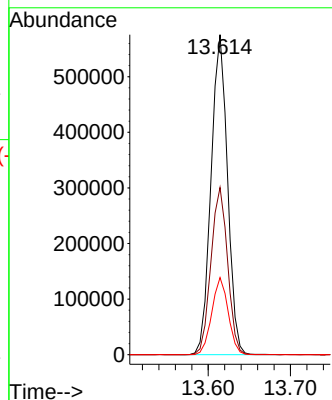
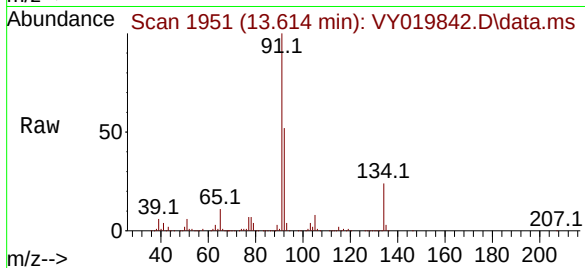
Tgt Ion: 91 Resp: 800401

Ion Ratio Lower Upper

91 100

92 52.9 26.5 79.4

134 24.0 12.0 36.1



#90

Hexachloroethane

Concen: 40.344 ug/l

RT: 13.876 min Scan# 1994

Delta R.T. -0.000 min

Lab File: VY019842.D

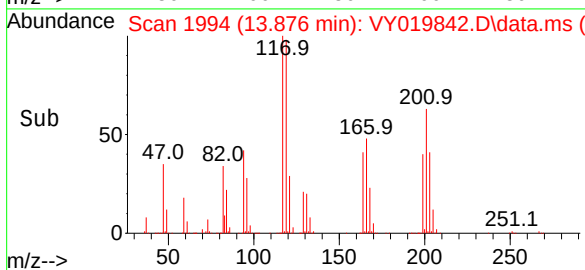
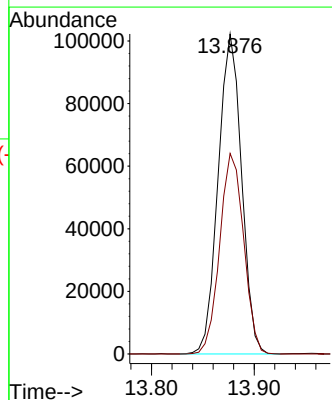
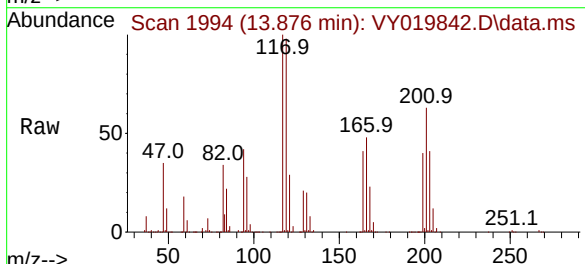
Acq: 09 Oct 2024 19:00

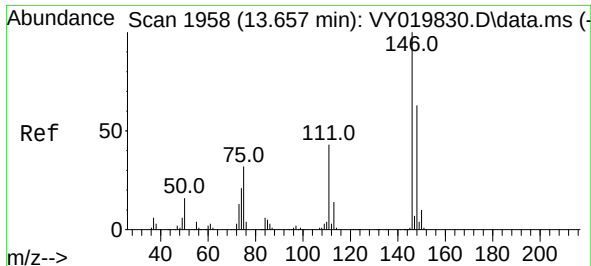
Tgt Ion: 117 Resp: 161284

Ion Ratio Lower Upper

117 100

201 64.2 33.1 99.5





#91

1,2-Dichlorobenzene

Concen: 40.619 ug/l

RT: 13.657 min Scan# 1958

Delta R.T. -0.000 min

Lab File: VY019842.D

Acq: 09 Oct 2024 19:00

Instrument :

MSVOA_Y

ClientSampleId :

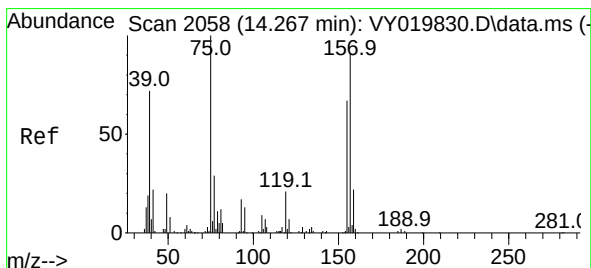
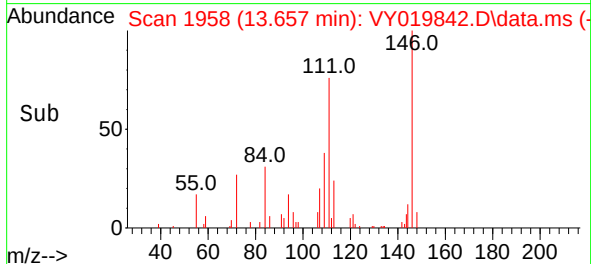
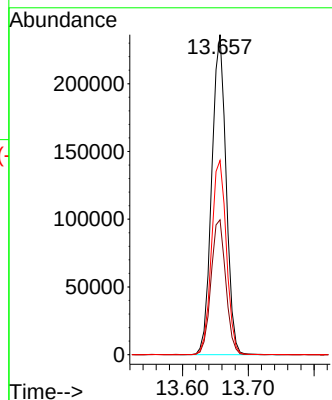
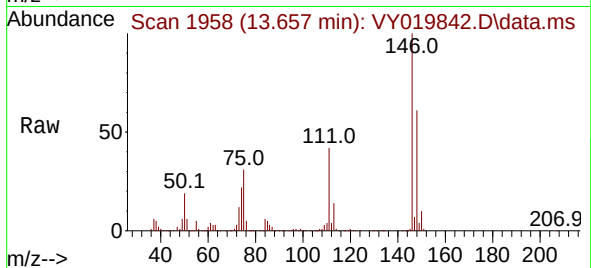
Tgt Ion:146 Resp: 357740

Ion Ratio Lower Upper

146 100

111 43.5 21.8 65.3

148 63.1 32.0 96.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 39.266 ug/l

RT: 14.267 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VY019842.D

Acq: 09 Oct 2024 19:00

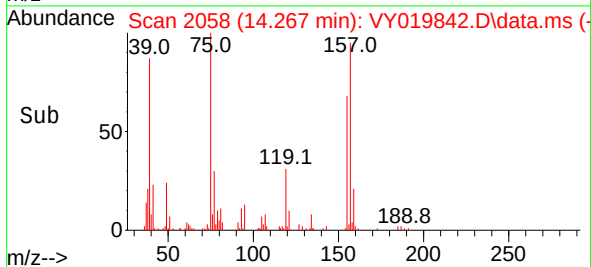
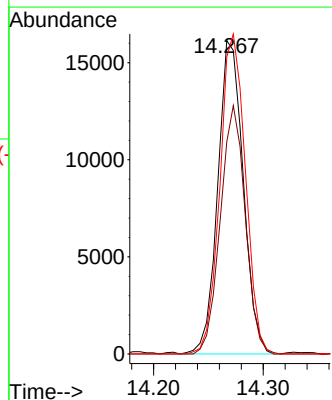
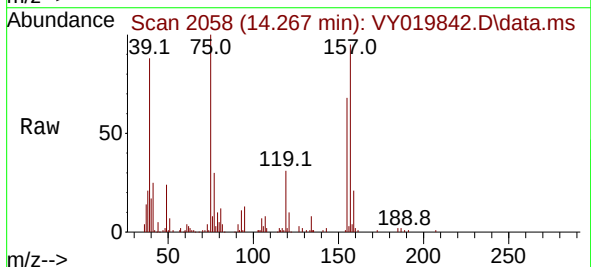
Tgt Ion: 75 Resp: 26045

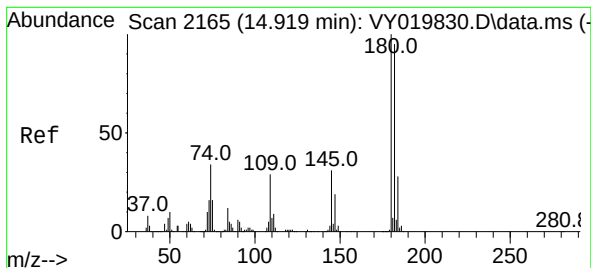
Ion Ratio Lower Upper

75 100

155 77.4 38.5 115.5

157 102.2 49.9 149.7





#93

1,2,4-Trichlorobenzene

Concen: 39.737 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.000 min

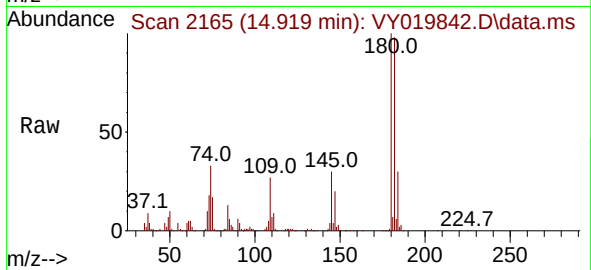
Lab File: VY019842.D

Acq: 09 Oct 2024 19:00

Instrument :

MSVOA_Y

ClientSampleId :



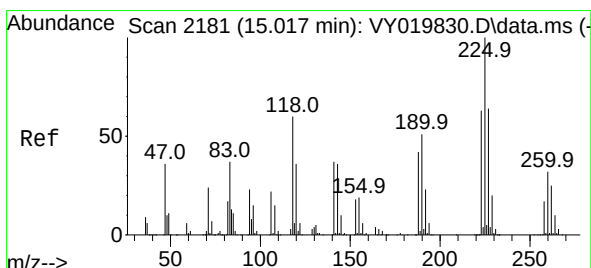
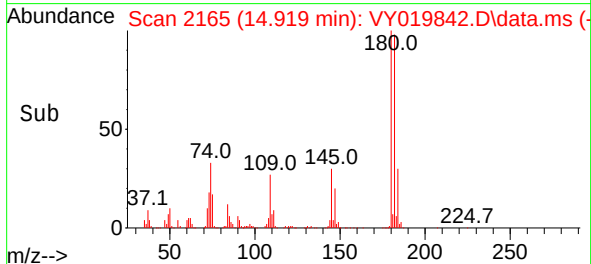
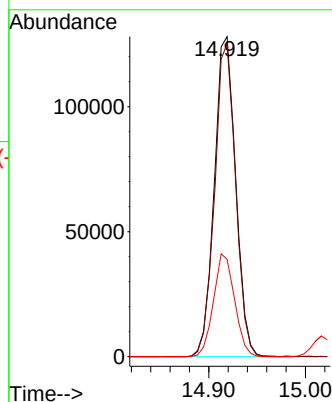
Tgt Ion:180 Resp: 196243

Ion Ratio Lower Upper

180 100

182 95.7 47.4 142.3

145 31.7 16.1 48.2



#94

Hexachlorobutadiene

Concen: 38.137 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.006 min

Lab File: VY019842.D

Acq: 09 Oct 2024 19:00

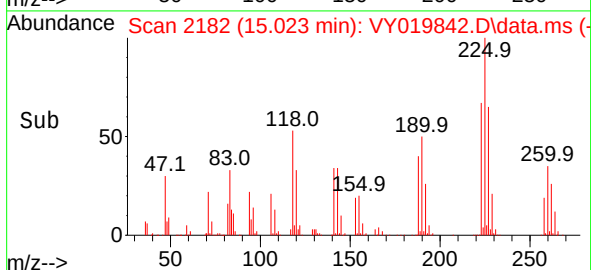
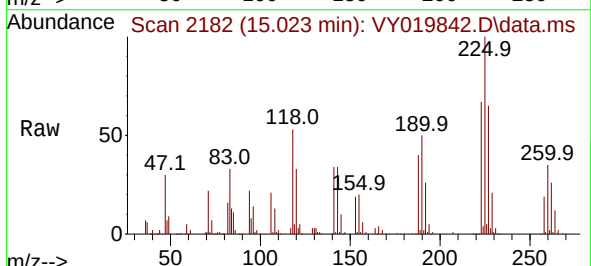
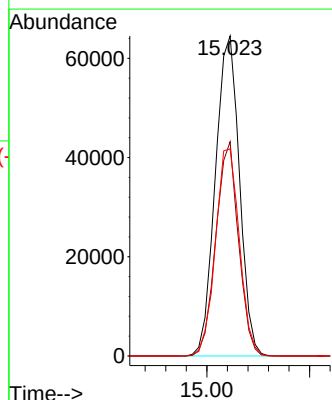
Tgt Ion:225 Resp: 104711

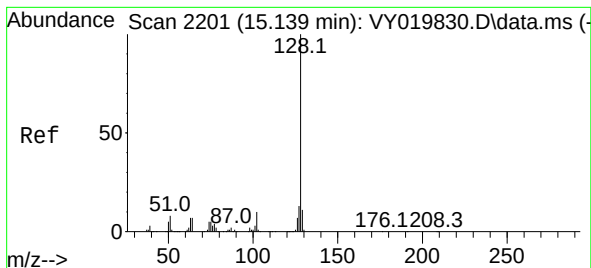
Ion Ratio Lower Upper

225 100

223 62.9 31.6 94.8

227 64.4 32.3 96.8





#95

Naphthalene

Concen: 42.053 ug/l

RT: 15.138 min Scan# 2201

Delta R.T. -0.000 min

Lab File: VY019842.D

Acq: 09 Oct 2024 19:00

Instrument :

MSVOA_Y

ClientSampleId :

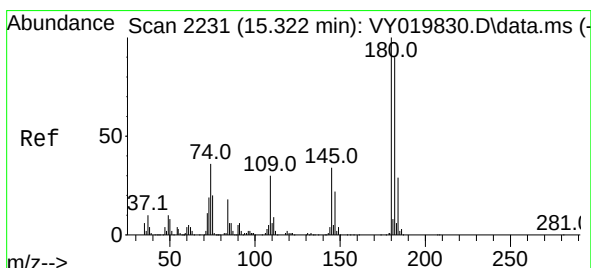
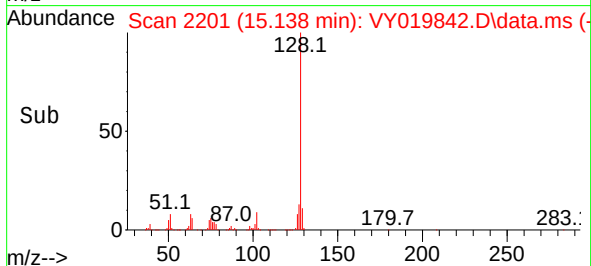
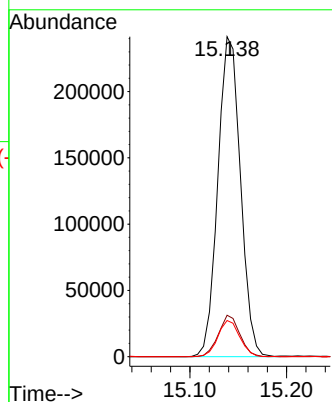
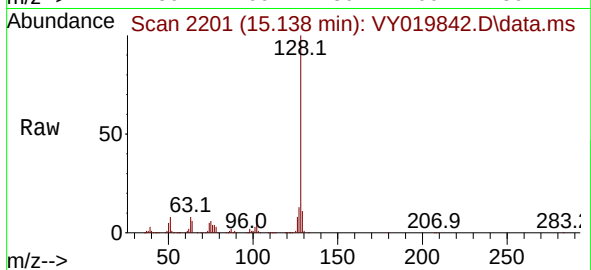
Tgt Ion:128 Resp: 391697

Ion Ratio Lower Upper

128 100

127 12.3 10.4 15.6

129 11.0 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 40.504 ug/l

RT: 15.321 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY019842.D

Acq: 09 Oct 2024 19:00

Tgt Ion:180 Resp: 169091

Ion Ratio Lower Upper

180 100

182 93.4 46.8 140.4

145 34.2 16.9 50.6

