

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052424\
 Data File : VY018366.D
 Acq On : 24 May 2024 15:09
 Operator : SY/MD
 Sample : VY0524SBSD01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 25 03:24:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052224S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 23 01:40:36 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.777	168	131352	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.679	114	239861	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	207027	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	92965	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	62758	50.430	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.860%	
35) Dibromofluoromethane	7.704	113	67564	48.303	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 96.600%	
50) Toluene-d8	10.173	98	272643	49.995	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.980%	
62) 4-Bromofluorobenzene	12.477	95	84963	50.421	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 100.840%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.894	85	21468	19.149	ug/l	99
3) Chloromethane	2.107	50	33770	18.535	ug/l	99
4) Vinyl Chloride	2.241	62	41962	20.588	ug/l	96
5) Bromomethane	2.631	94	29605	20.316	ug/l	99
6) Chloroethane	2.784	64	27515	20.796	ug/l	93
7) Trichlorofluoromethane	3.107	101	46284	20.235	ug/l	90
8) Diethyl Ether	3.515	74	14202	19.445	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.887	101	27946	19.804	ug/l	95
10) Methyl Iodide	4.070	142	25533	17.992	ug/l	97
11) Tert butyl alcohol	4.936	59	17122	128.102	ug/l	# 91
12) 1,1-Dichloroethene	3.851	96	25512	18.356	ug/l	93
13) Acrolein	3.716	56	12001	108.201	ug/l	98
14) Allyl chloride	4.466	41	38948	20.065	ug/l	95
15) Acrylonitrile	5.149	53	31022	98.201	ug/l	99
16) Acetone	3.930	43	25850	100.995	ug/l	87
17) Carbon Disulfide	4.180	76	65617	16.907	ug/l	100
18) Methyl Acetate	4.460	43	14056	20.719	ug/l	95
19) Methyl tert-butyl Ether	5.198	73	66032	19.814	ug/l	100
20) Methylene Chloride	4.692	84	37912	23.123	ug/l	93
21) trans-1,2-Dichloroethene	5.198	96	28705	19.579	ug/l	95
22) Diisopropyl ether	6.100	45	87954	21.805	ug/l	# 93
23) Vinyl Acetate	6.045	43	264516	102.413	ug/l	94
24) 1,1-Dichloroethane	5.997	63	51309	20.742	ug/l	97
25) 2-Butanone	6.972	43	41721	102.860	ug/l	93
26) 2,2-Dichloropropane	6.966	77	43842	20.502	ug/l	98
27) cis-1,2-Dichloroethene	6.972	96	34904	20.259	ug/l	96
28) Bromochloromethane	7.319	49	18684	22.238	ug/l	82
29) Tetrahydrofuran	7.338	42	27114	101.561	ug/l	87
30) Chloroform	7.496	83	52003	20.625	ug/l	91
31) Cyclohexane	7.777	56	46919	19.899	ug/l	91
32) 1,1,1-Trichloroethane	7.691	97	43775	19.780	ug/l	96
36) 1,1-Dichloropropene	7.911	75	38826	19.140	ug/l	96
37) Ethyl Acetate	7.057	43	18552	19.118	ug/l	# 97
38) Carbon Tetrachloride	7.893	117	36936	17.778	ug/l	98
39) Methylcyclohexane	9.179	83	51158	18.079	ug/l	96
40) Benzene	8.149	78	120167	19.433	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	25210	52.046	ug/l #	23
42) 1,2-Dichloroethane	8.228	62	28468	19.139	ug/l	99
43) Isopropyl Acetate	8.264	43	36127	19.081	ug/l	94
44) Trichloroethene	8.935	130	28966	18.274	ug/l	94
45) 1,2-Dichloropropane	9.209	63	27772	19.968	ug/l	98
46) Dibromomethane	9.301	93	15033	18.420	ug/l	90
47) Bromodichloromethane	9.490	83	37593	18.981	ug/l	97
48) Methyl methacrylate	9.282	41	16550	19.324	ug/l	92
49) 1,4-Dioxane	9.289	88	3941	372.195	ug/l #	86
51) 4-Methyl-2-Pentanone	10.063	43	91714	95.981	ug/l	94
52) Toluene	10.240	92	73746	19.024	ug/l	99
53) t-1,3-Dichloropropene	10.459	75	34947	19.300	ug/l	96
54) cis-1,3-Dichloropropene	9.923	75	42325	19.076	ug/l #	89
55) 1,1,2-Trichloroethane	10.642	97	20871	19.304	ug/l	95
56) Ethyl methacrylate	10.508	69	28218	19.027	ug/l #	84
57) 1,3-Dichloropropane	10.782	76	35838	19.556	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.776	63	68724	102.556	ug/l	96
59) 2-Hexanone	10.825	43	63899	97.185	ug/l	91
60) Dibromochloromethane	10.977	129	24274	18.588	ug/l	99
61) 1,2-Dibromoethane	11.081	107	18992	19.037	ug/l	98
64) Tetrachloroethene	10.715	164	25667	17.477	ug/l	95
65) Chlorobenzene	11.514	112	79199	18.519	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	25510	18.855	ug/l	96
67) Ethyl Benzene	11.587	91	143631	19.124	ug/l	97
68) m/p-Xylenes	11.697	106	109343	37.838	ug/l	97
69) o-Xylene	12.026	106	52871	19.387	ug/l	97
70) Styrene	12.038	104	87572	19.426	ug/l	98
71) Bromoform	12.203	173	12737	17.799	ug/l #	100
73) Isopropylbenzene	12.325	105	137915	18.875	ug/l	99
74) N-amyl acetate	12.142	43	31788	18.647	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	12.581	83	22763	18.283	ug/l	98
76) 1,2,3-Trichloropropane	12.629	75	30281	36.241	ug/l #	100
77) Bromobenzene	12.605	156	28458	17.782	ug/l	90
78) n-propylbenzene	12.666	91	172087	19.669	ug/l	99
79) 2-Chlorotoluene	12.751	91	93989	19.843	ug/l	95
80) 1,3,5-Trimethylbenzene	12.806	105	110238	19.199	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.373	75	7393	18.205	ug/l	91
82) 4-Chlorotoluene	12.849	91	93994	19.572	ug/l	98
83) tert-Butylbenzene	13.075	119	102076	19.232	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	108766	19.261	ug/l	98
85) sec-Butylbenzene	13.251	105	152742	19.458	ug/l	98
86) p-Isopropyltoluene	13.367	119	124608	19.407	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	58597	18.594	ug/l	97
88) 1,4-Dichlorobenzene	13.446	146	58830	18.757	ug/l	98
89) n-Butylbenzene	13.696	91	118495	19.638	ug/l	99
90) Hexachloroethane	13.958	117	22055	18.601	ug/l	84
91) 1,2-Dichlorobenzene	13.739	146	51304	18.762	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.349	75	3045	17.831	ug/l	89
93) 1,2,4-Trichlorobenzene	15.007	180	26791	17.200	ug/l	97
94) Hexachlorobutadiene	15.111	225	14165	17.771	ug/l	98
95) Naphthalene	15.233	128	51746	16.895	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	23021	17.385	ug/l	98

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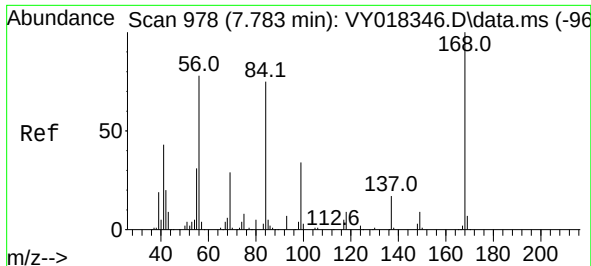
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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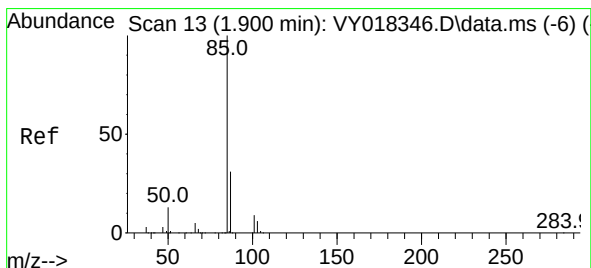
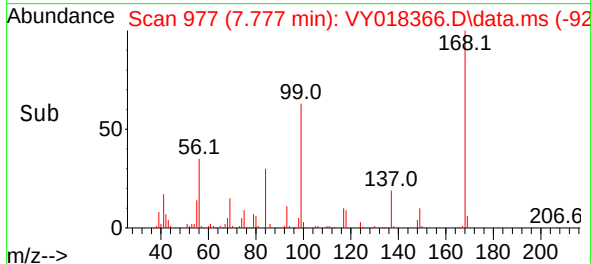
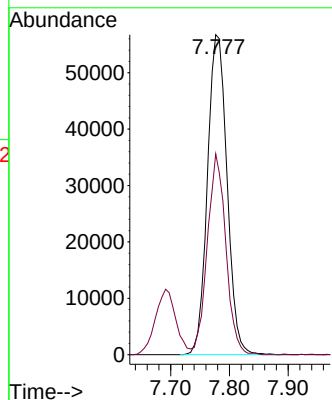
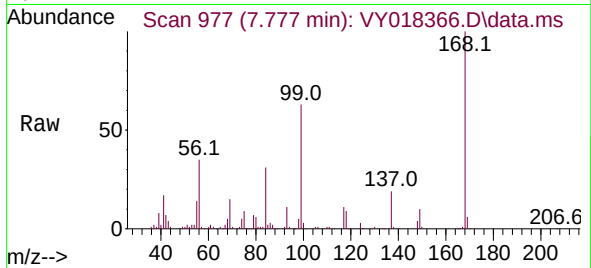




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018366.D
Acq: 24 May 2024 15:09

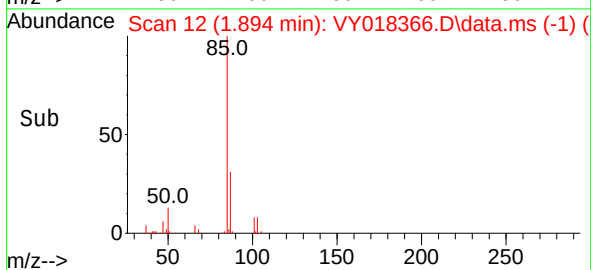
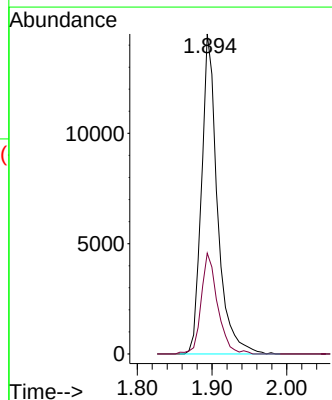
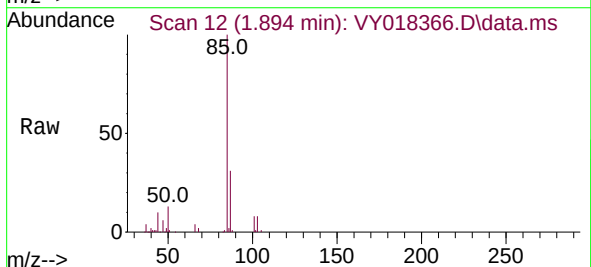
Instrument :
MSVOA_Y
ClientSampleId :

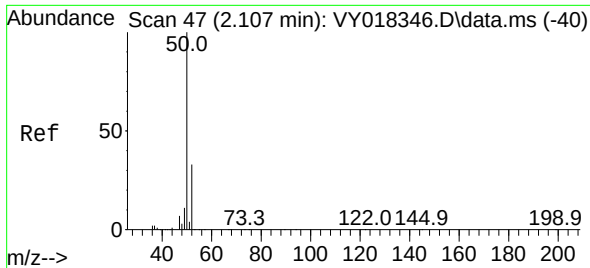
Tgt Ion:168 Resp: 131352
Ion Ratio Lower Upper
168 100
99 62.7 39.1 58.7#



#2
Dichlorodifluoromethane
Concen: 19.149 ug/l
RT: 1.894 min Scan# 12
Delta R.T. -0.006 min
Lab File: VY018366.D
Acq: 24 May 2024 15:09

Tgt Ion: 85 Resp: 21468
Ion Ratio Lower Upper
85 100
87 31.5 16.0 48.0

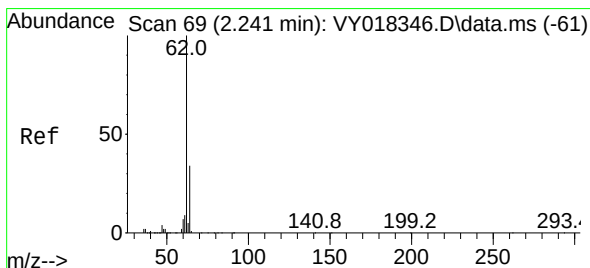
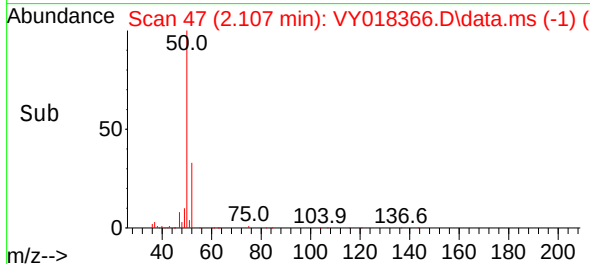
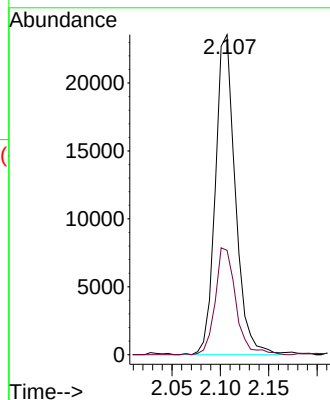
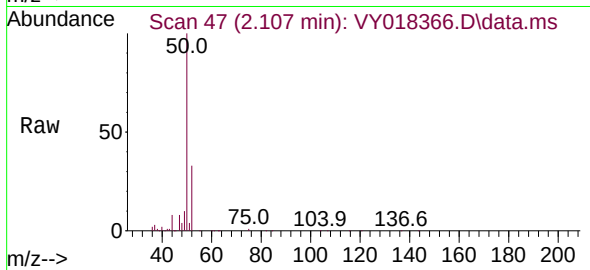




#3
Chloromethane
Concen: 18.535 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY018366.D
Acq: 24 May 2024 15:09

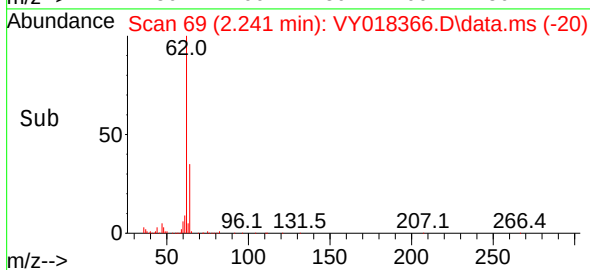
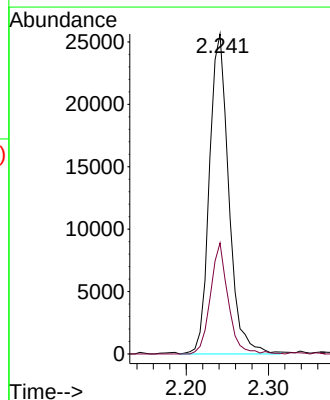
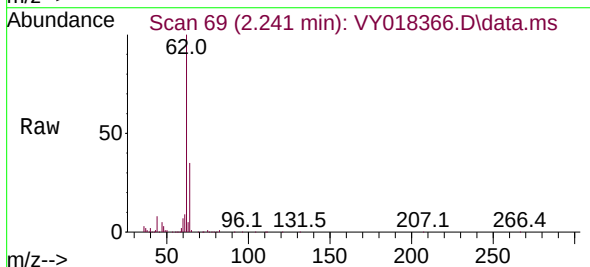
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MSVOA_Y
ClientSampleId :

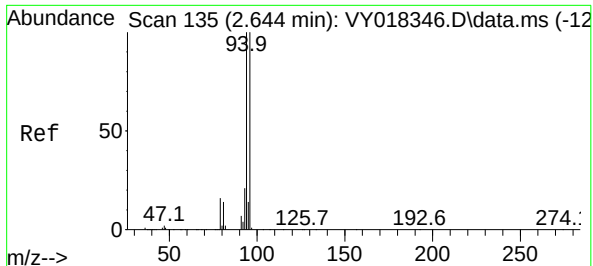
Tgt Ion: 50 Resp: 33770
Ion Ratio Lower Upper
50 100
52 32.6 25.6 38.4



#4
Vinyl Chloride
Concen: 20.588 ug/l
RT: 2.241 min Scan# 69
Delta R.T. -0.000 min
Lab File: VY018366.D
Acq: 24 May 2024 15:09

Tgt Ion: 62 Resp: 41962
Ion Ratio Lower Upper
62 100
64 34.7 26.1 39.1

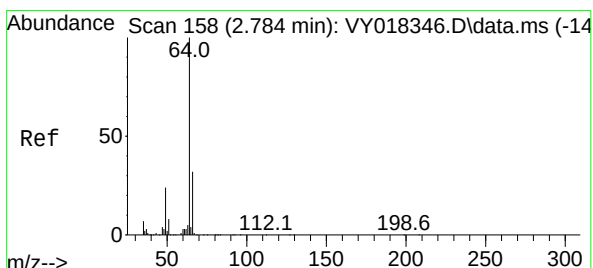
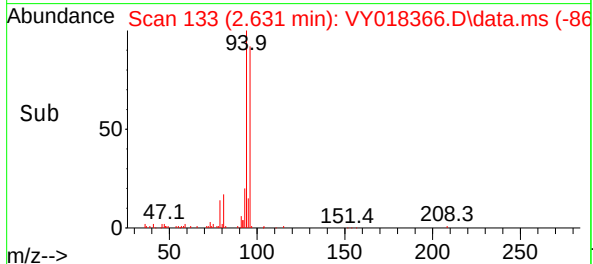
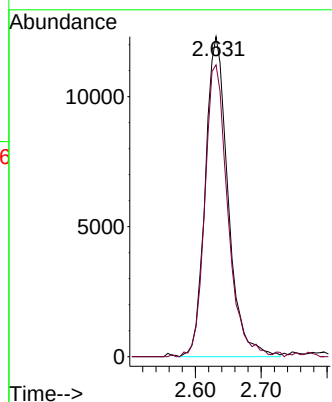
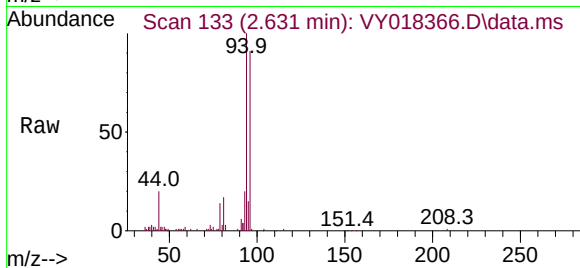




#5
Bromomethane
Concen: 20.316 ug/l
RT: 2.631 min Scan# 14
Delta R.T. -0.012 min
Lab File: VY018366.D
Acq: 24 May 2024 15:09

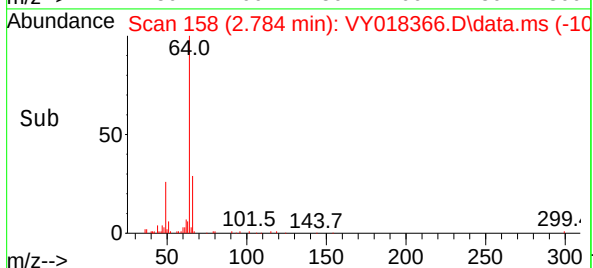
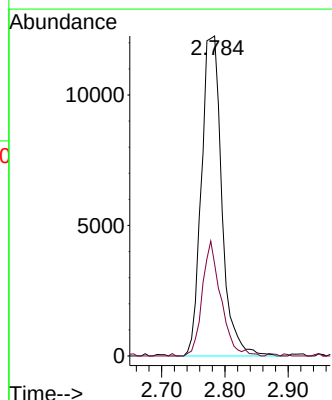
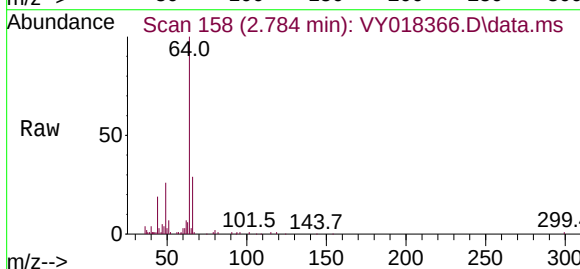
Instrument :
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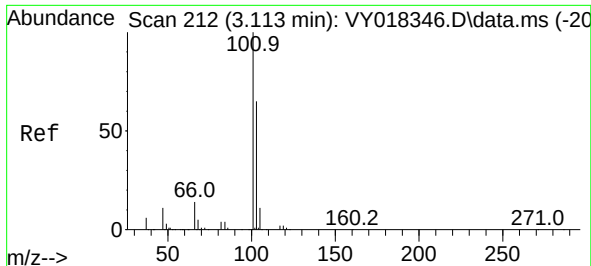
Tgt Ion: 94 Resp: 29605
Ion Ratio Lower Upper
94 100
96 91.2 74.1 111.1



#6
Chloroethane
Concen: 20.796 ug/l
RT: 2.784 min Scan# 158
Delta R.T. -0.000 min
Lab File: VY018366.D
Acq: 24 May 2024 15:09

Tgt Ion: 64 Resp: 27515
Ion Ratio Lower Upper
64 100
66 28.8 26.1 39.1

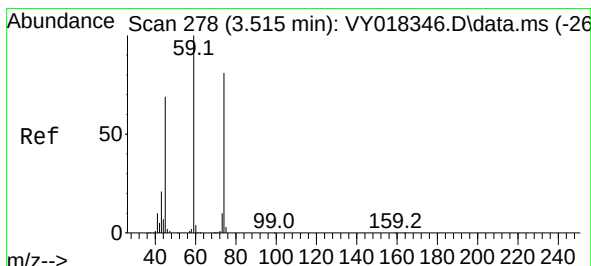
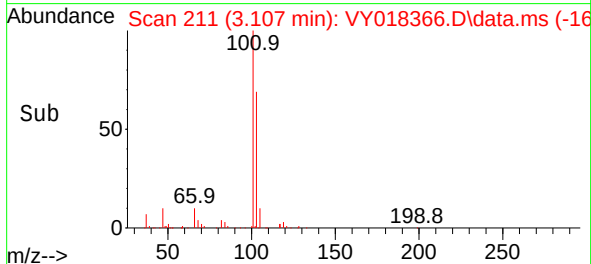
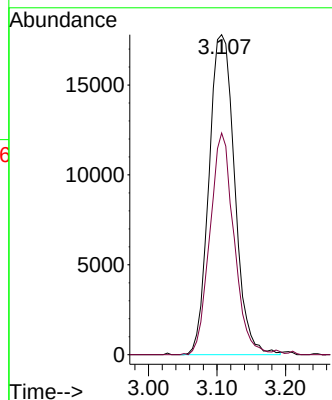
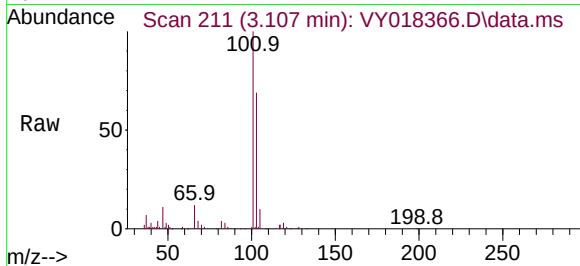




#7
Trichlorofluoromethane
Concen: 20.235 ug/l
RT: 3.107 min Scan# 212
Delta R.T. -0.006 min
Lab File: VY018366.D
Acq: 24 May 2024 15:09

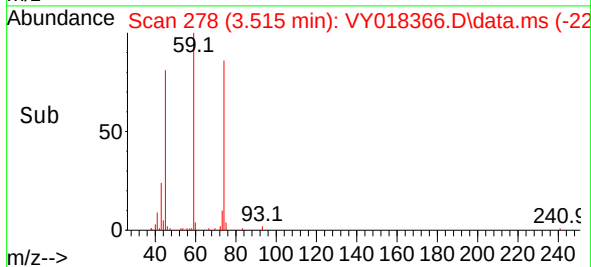
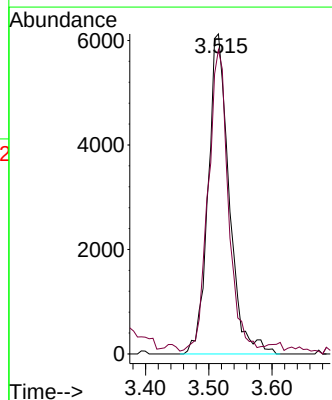
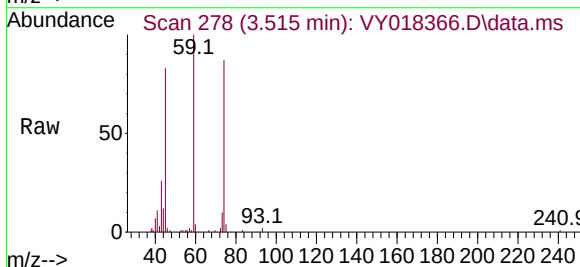
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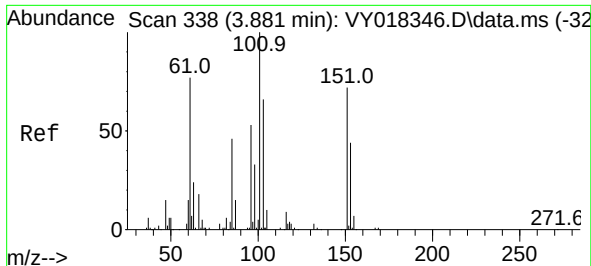
Tgt Ion:101 Resp: 46284
Ion Ratio Lower Upper
101 100
103 69.2 49.3 73.9



#8
Diethyl Ether
Concen: 19.445 ug/l
RT: 3.515 min Scan# 278
Delta R.T. -0.000 min
Lab File: VY018366.D
Acq: 24 May 2024 15:09

Tgt Ion: 74 Resp: 14202
Ion Ratio Lower Upper
74 100
45 90.1 41.3 124.1

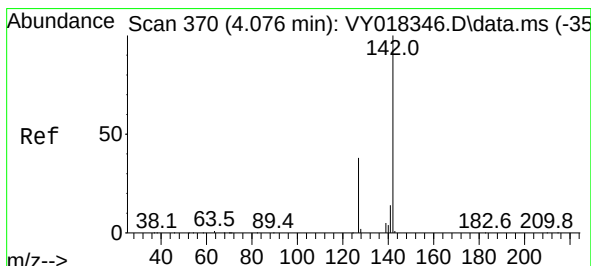
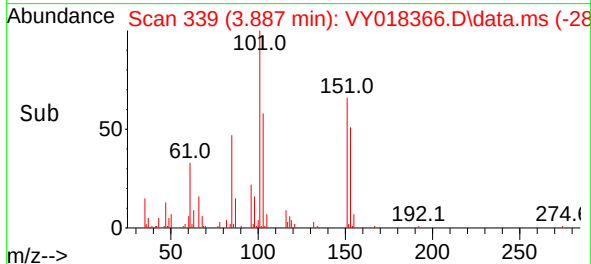
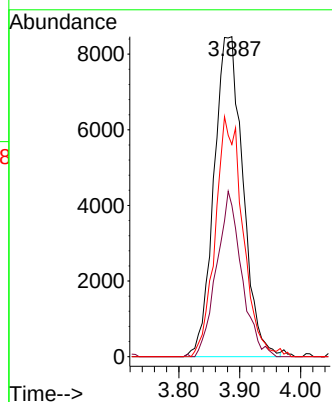
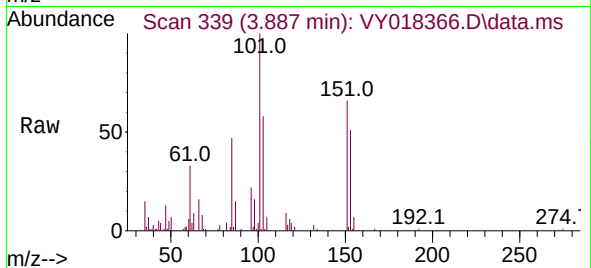




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.804 ug/l
RT: 3.887 min Scan# 338
Delta R.T. 0.006 min
Lab File: VY018366.D
Acq: 24 May 2024 15:09

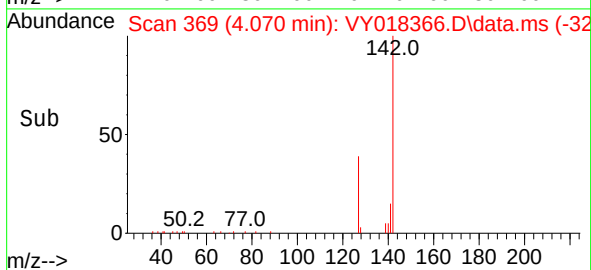
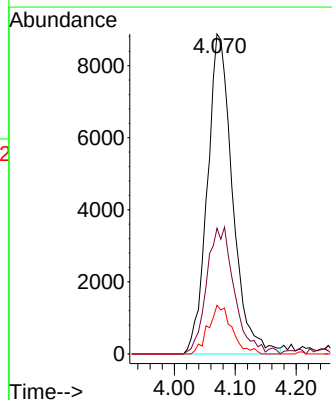
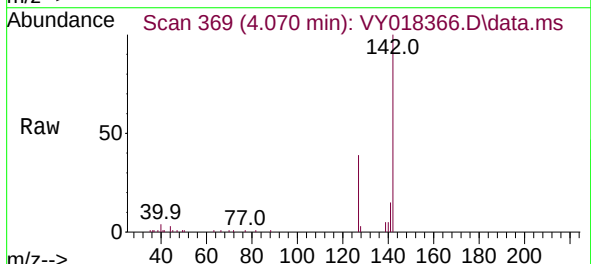
Instrument :
MSVOA_Y
ClientSampleId :

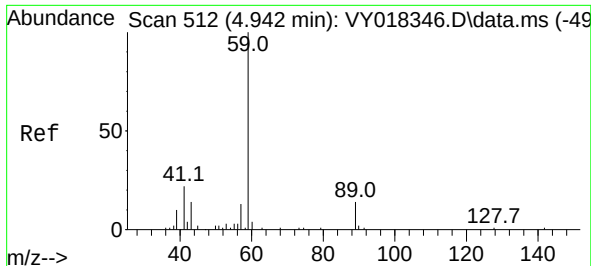
Tgt Ion:101 Resp: 27946
Ion Ratio Lower Upper
101 100
85 44.8 34.5 51.7
151 71.7 61.7 92.5



#10
Methyl Iodide
Concen: 17.992 ug/l
RT: 4.070 min Scan# 369
Delta R.T. -0.006 min
Lab File: VY018366.D
Acq: 24 May 2024 15:09

Tgt Ion:142 Resp: 25533
Ion Ratio Lower Upper
142 100
127 43.3 32.8 49.2
141 14.2 11.4 17.2

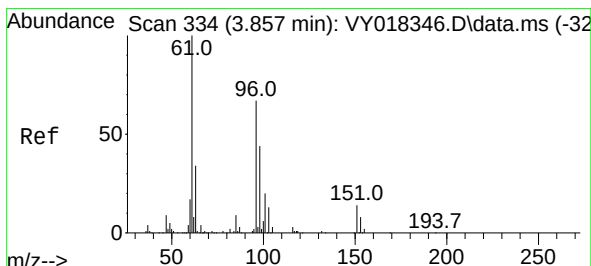
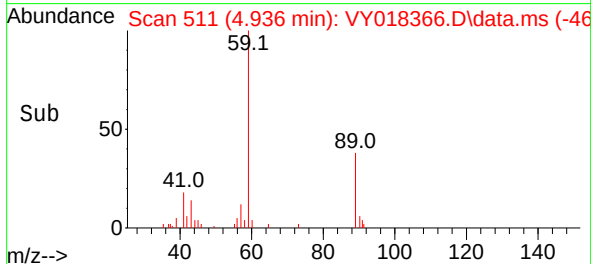
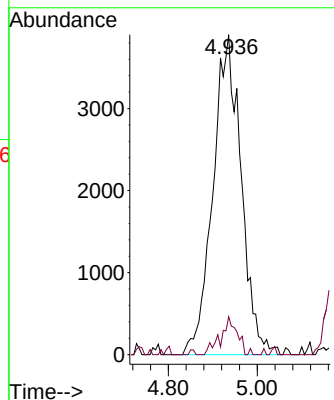
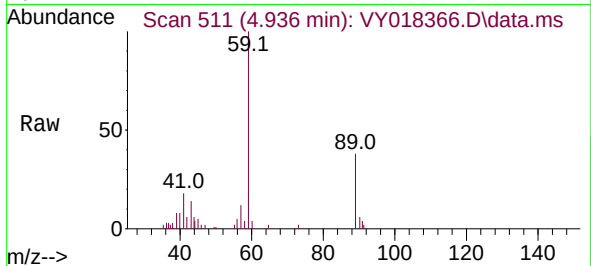




#11
Tert butyl alcohol
Concen: 128.102 ug/l
RT: 4.936 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY018366.D
Acq: 24 May 2024 15:09

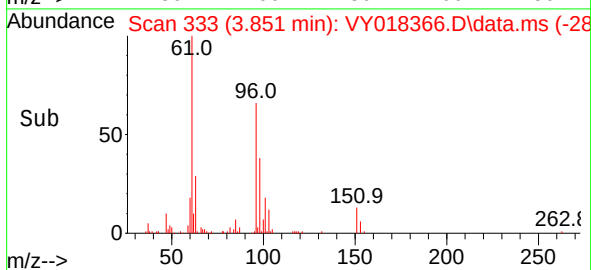
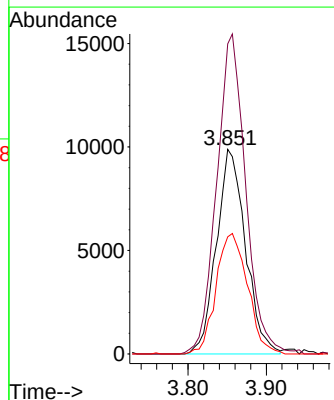
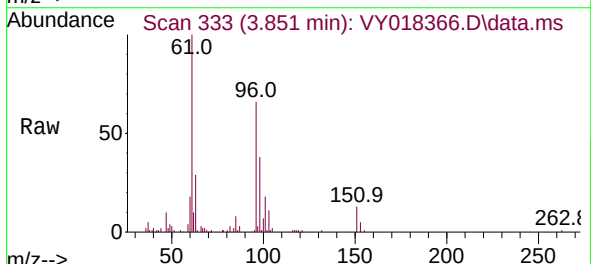
Instrument :
MSVOA_Y
ClientSampleId :

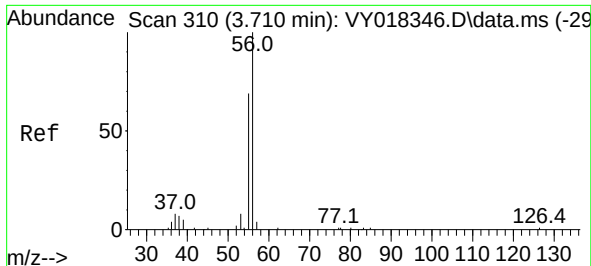
Tgt Ion: 59 Resp: 17122
Ion Ratio Lower Upper
59 100
57 6.8 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 18.356 ug/l
RT: 3.851 min Scan# 333
Delta R.T. -0.006 min
Lab File: VY018366.D
Acq: 24 May 2024 15:09

Tgt Ion: 96 Resp: 25512
Ion Ratio Lower Upper
96 100
61 151.6 114.6 171.8
98 57.3 50.8 76.2

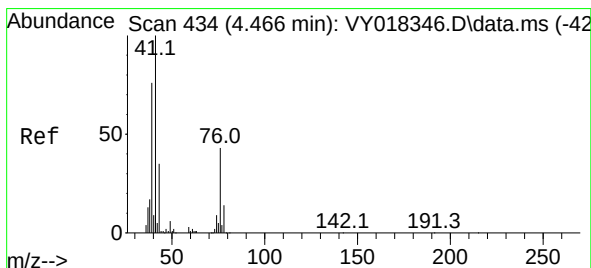
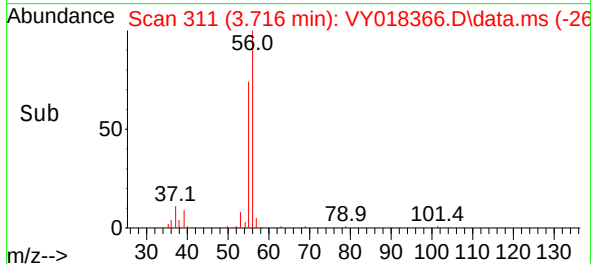
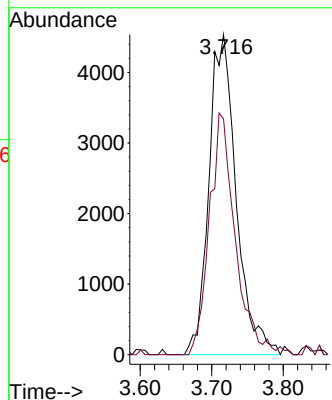
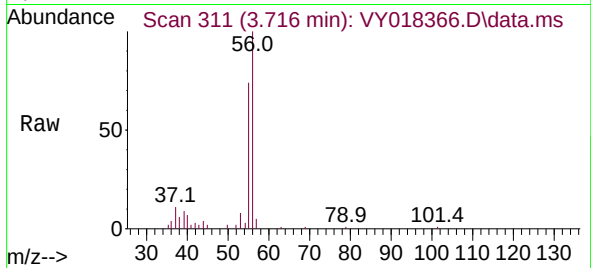




#13
Acrolein
Concen: 108.201 ug/l
RT: 3.716 min Scan# 311
Delta R.T. 0.006 min
Lab File: VY018366.D
Acq: 24 May 2024 15:09

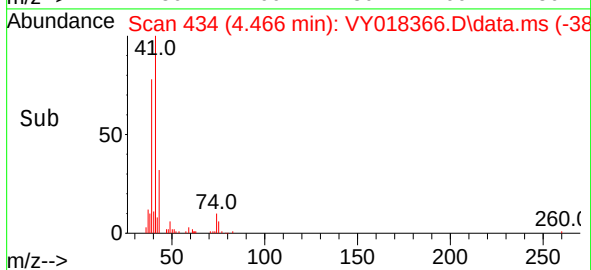
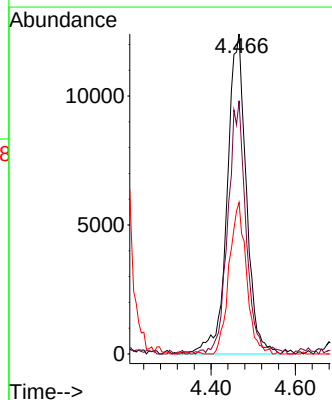
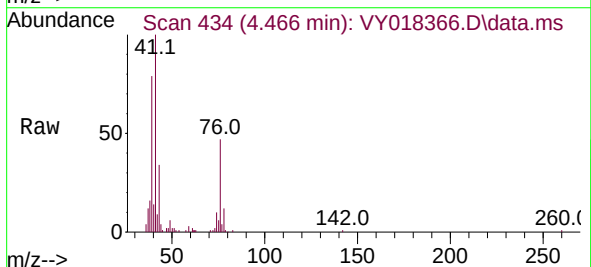
Instrument :
MSVOA_Y
ClientSampleId :

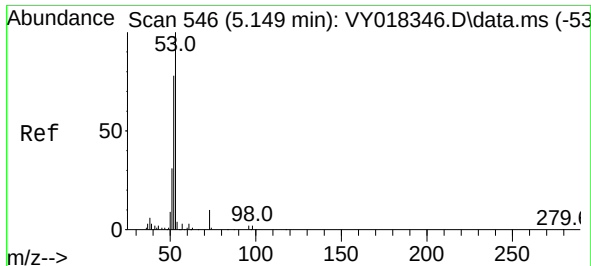
Tgt Ion: 56 Resp: 12001
Ion Ratio Lower Upper
56 100
55 71.3 55.7 83.5



#14
Allyl chloride
Concen: 20.065 ug/l
RT: 4.466 min Scan# 434
Delta R.T. 0.000 min
Lab File: VY018366.D
Acq: 24 May 2024 15:09

Tgt Ion: 41 Resp: 38948
Ion Ratio Lower Upper
41 100
39 74.8 58.3 87.5
76 43.0 39.0 58.6





#15

Acrylonitrile

Concen: 98.201 ug/l

RT: 5.149 min Scan# 546

Delta R.T. -0.000 min

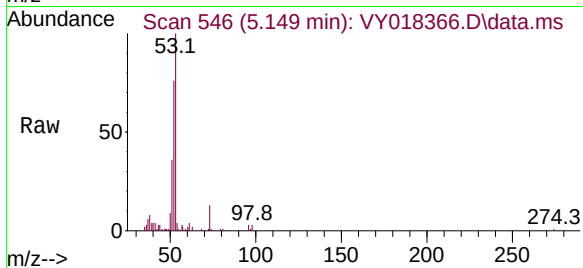
Lab File: VY018366.D

Acq: 24 May 2024 15:09

Instrument :

MSVOA_Y

ClientSampleId :



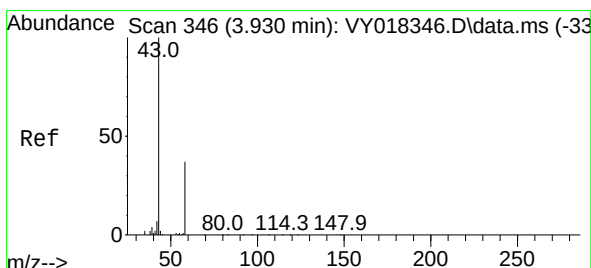
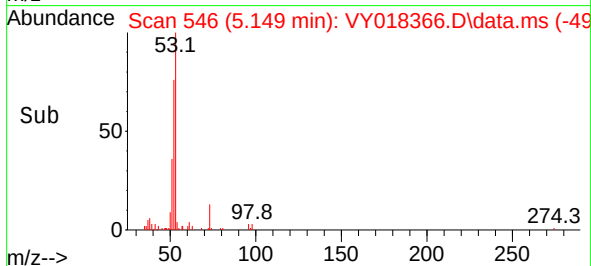
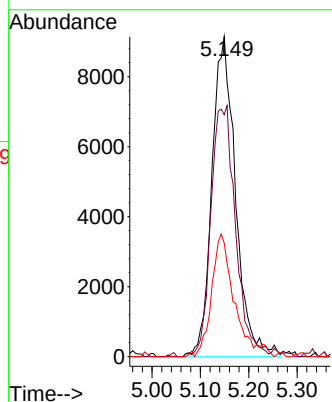
Tgt Ion: 53 Resp: 31022

Ion Ratio Lower Upper

53 100

52 81.4 64.7 97.1

51 35.8 28.4 42.6



#16

Acetone

Concen: 100.995 ug/l

RT: 3.930 min Scan# 346

Delta R.T. -0.000 min

Lab File: VY018366.D

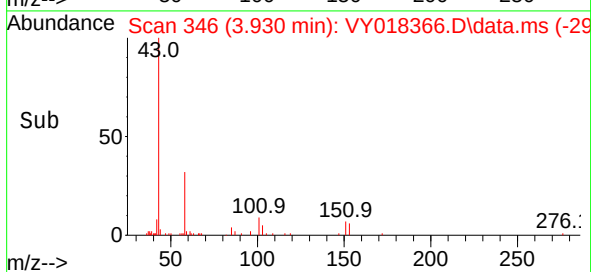
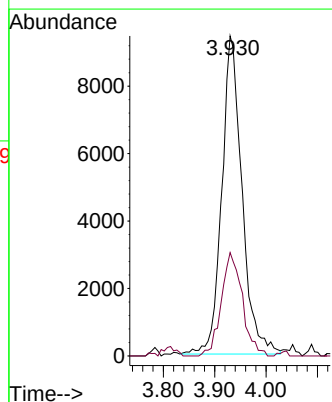
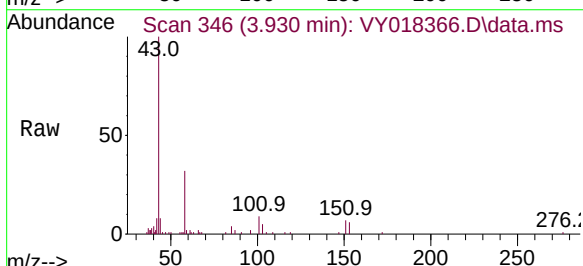
Acq: 24 May 2024 15:09

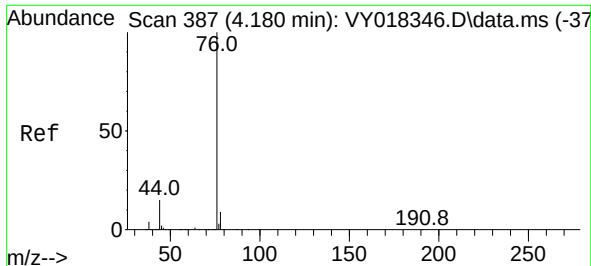
Tgt Ion: 43 Resp: 25850

Ion Ratio Lower Upper

43 100

58 31.7 31.7 47.5

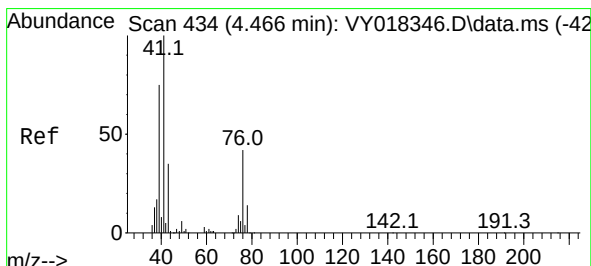
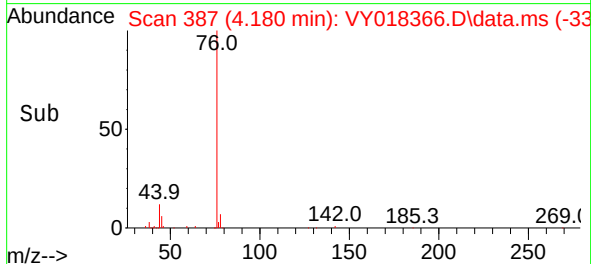
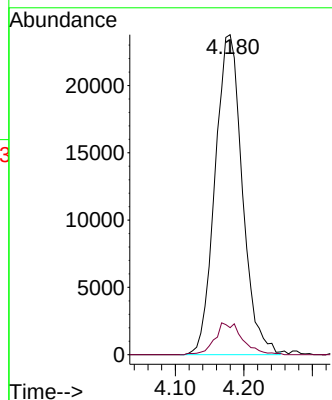
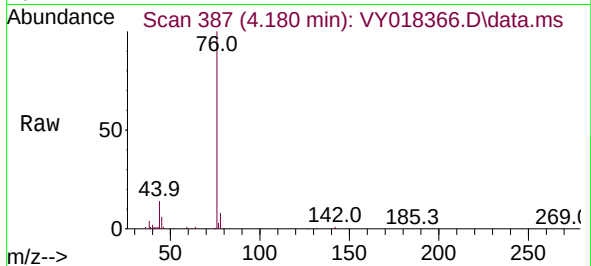




#17
Carbon Disulfide
Concen: 16.907 ug/l
RT: 4.180 min Scan# 387
Delta R.T. -0.000 min
Lab File: VY018366.D
Acq: 24 May 2024 15:09

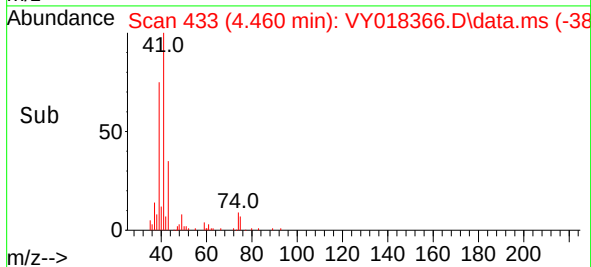
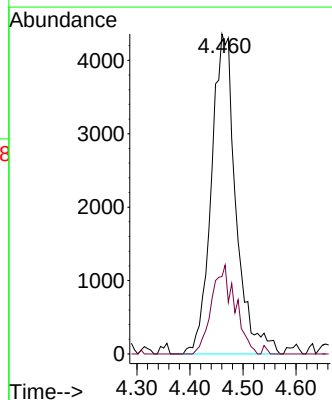
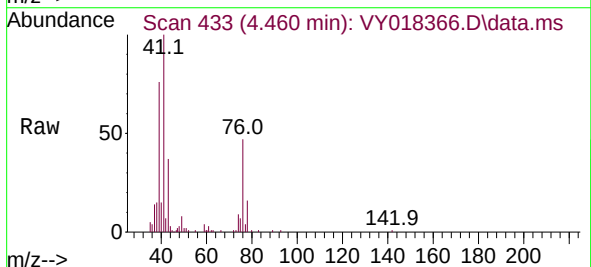
Instrument :
MSVOA_Y
ClientSampleId :

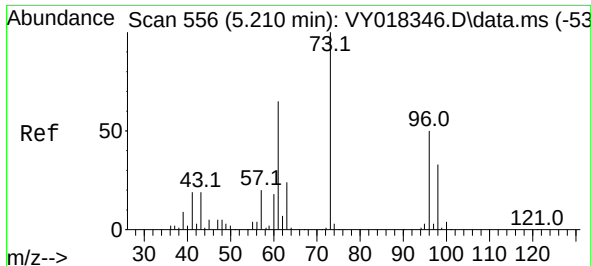
Tgt Ion: 76 Resp: 65617
Ion Ratio Lower Upper
76 100
78 8.4 6.8 10.2



#18
Methyl Acetate
Concen: 20.719 ug/l
RT: 4.460 min Scan# 433
Delta R.T. -0.006 min
Lab File: VY018366.D
Acq: 24 May 2024 15:09

Tgt Ion: 43 Resp: 14056
Ion Ratio Lower Upper
43 100
74 26.5 23.3 34.9





#19

Methyl tert-butyl Ether

Concen: 19.814 ug/l

RT: 5.198 min Scan# 51

Delta R.T. -0.012 min

Lab File: VY018366.D

Acq: 24 May 2024 15:09

Instrument :

MSVOA_Y

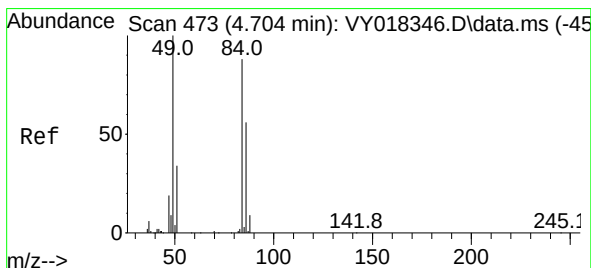
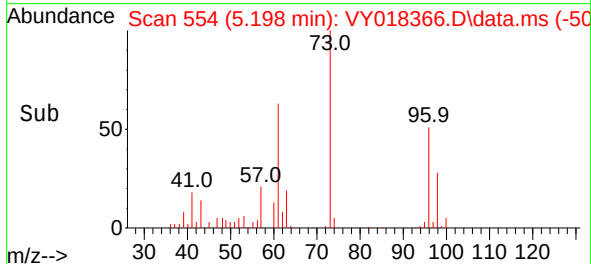
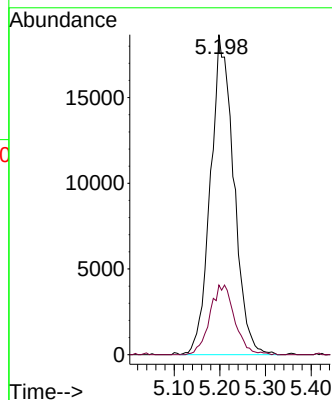
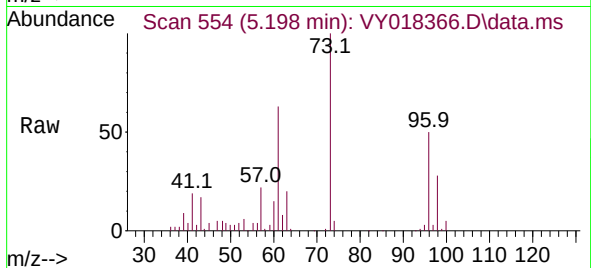
ClientSampleId :

Tgt Ion: 73 Resp: 66032

Ion Ratio Lower Upper

73 100

57 21.8 17.3 25.9



#20

Methylene Chloride

Concen: 23.123 ug/l

RT: 4.692 min Scan# 471

Delta R.T. -0.012 min

Lab File: VY018366.D

Acq: 24 May 2024 15:09

Tgt Ion: 84 Resp: 37912

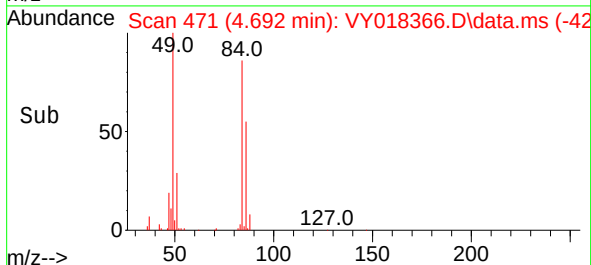
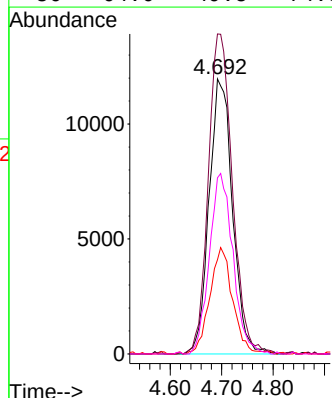
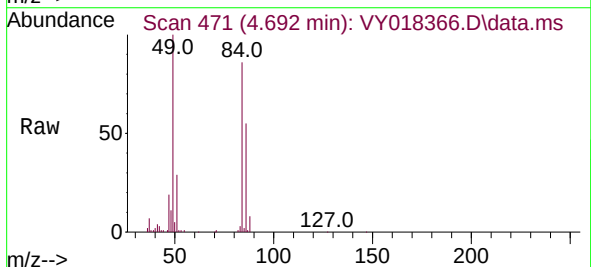
Ion Ratio Lower Upper

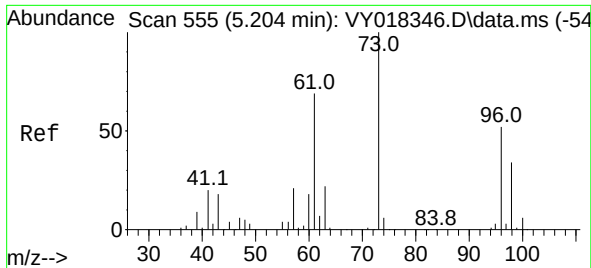
84 100

49 115.9 84.4 126.6

51 33.8 26.0 39.0

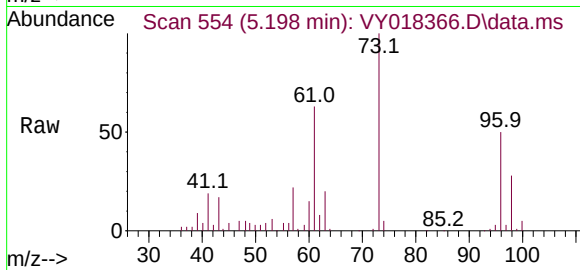
86 64.0 49.5 74.3



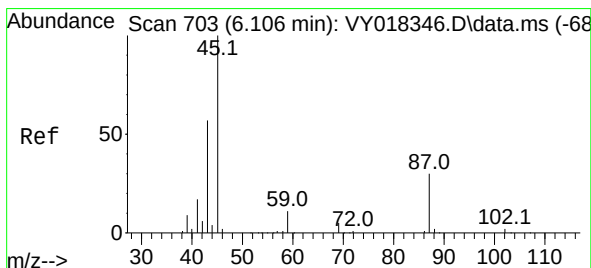
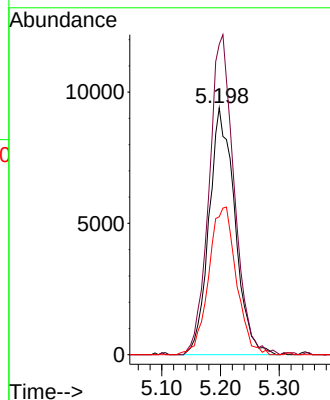
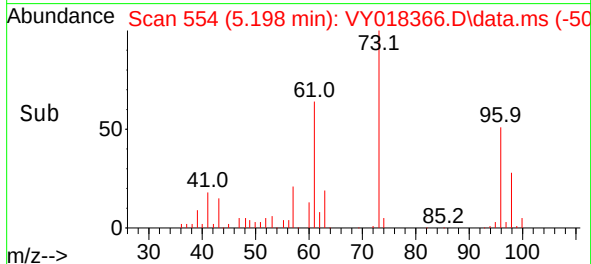


#21
trans-1,2-Dichloroethene
Concen: 19.579 ug/l
RT: 5.198 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY018366.D
Acq: 24 May 2024 15:09

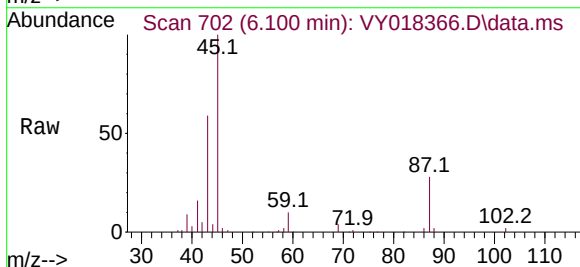
Instrument :
MSVOA_Y
ClientSampleId :



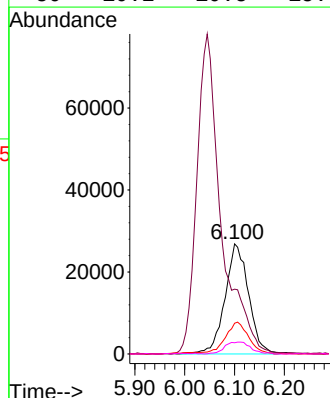
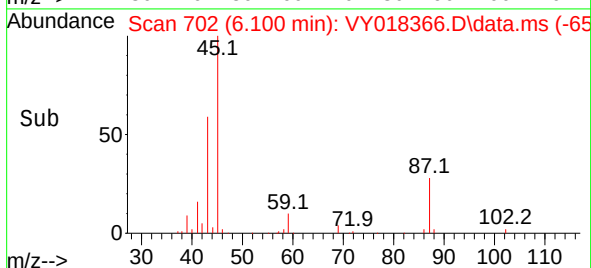
Tgt Ion: 96 Resp: 28705
Ion Ratio Lower Upper
96 100
61 125.7 97.5 146.3
98 55.9 50.5 75.7

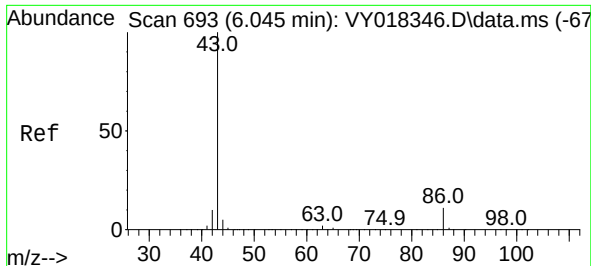


#22
Diisopropyl ether
Concen: 21.805 ug/l
RT: 6.100 min Scan# 702
Delta R.T. -0.006 min
Lab File: VY018366.D
Acq: 24 May 2024 15:09



Tgt Ion: 45 Resp: 87954
Ion Ratio Lower Upper
45 100
43 57.7 42.2 63.2
87 27.5 25.0 37.6
59 10.2 10.5 15.7#

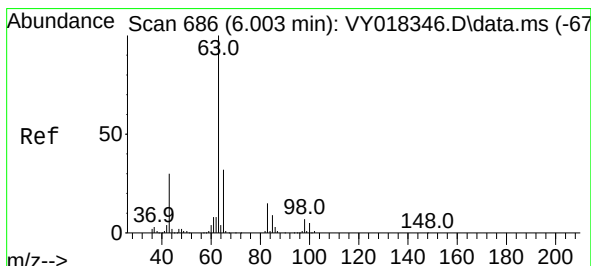
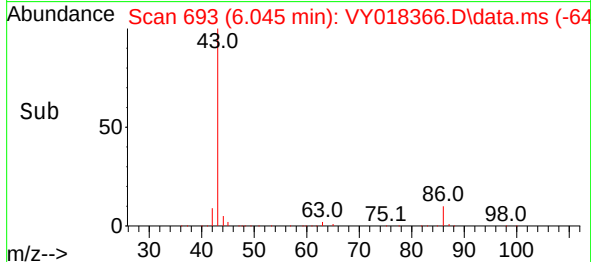
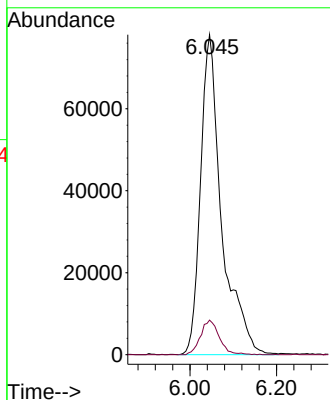
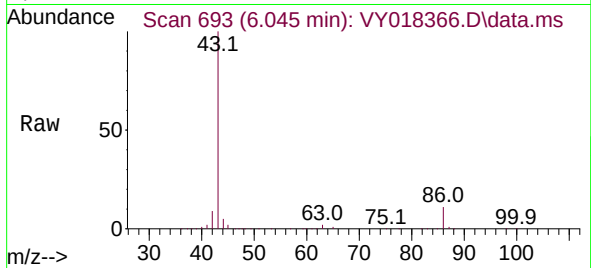




#23
 Vinyl Acetate
 Concen: 102.413 ug/l
 RT: 6.045 min Scan# 693
 Delta R.T. -0.000 min
 Lab File: VY018366.D
 Acq: 24 May 2024 15:09

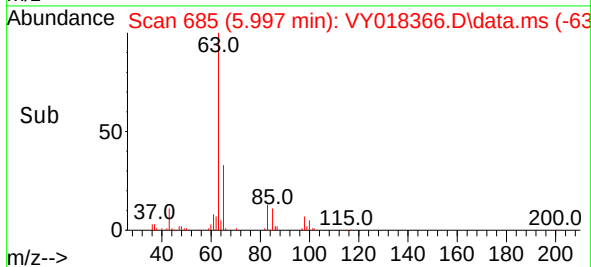
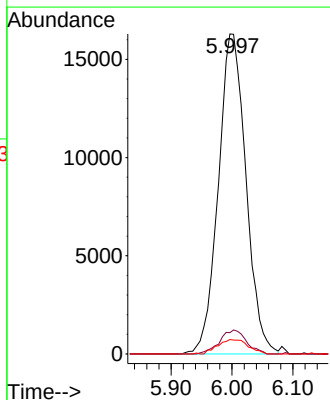
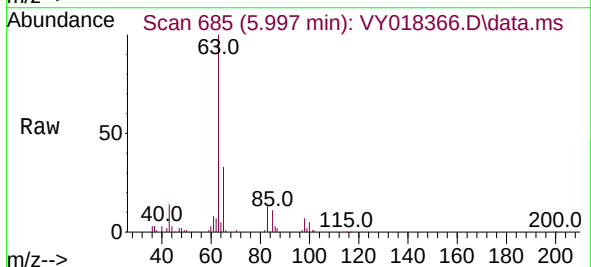
Instrument :
 MSVOA_Y
 ClientSampleId :

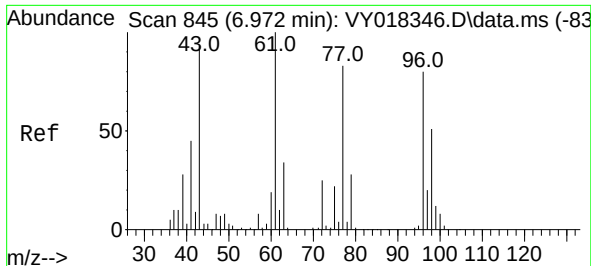
Tgt Ion: 43 Resp: 264516
 Ion Ratio Lower Upper
 43 100
 86 10.8 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 20.742 ug/l
 RT: 5.997 min Scan# 685
 Delta R.T. -0.006 min
 Lab File: VY018366.D
 Acq: 24 May 2024 15:09

Tgt Ion: 63 Resp: 51309
 Ion Ratio Lower Upper
 63 100
 98 6.6 4.0 12.2
 100 4.5 2.6 8.0





#25

2-Butanone

Concen: 102.860 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.000 min

Lab File: VY018366.D

Acq: 24 May 2024 15:09

Instrument :

MSVOA_Y

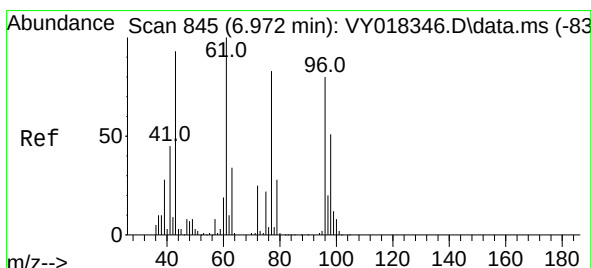
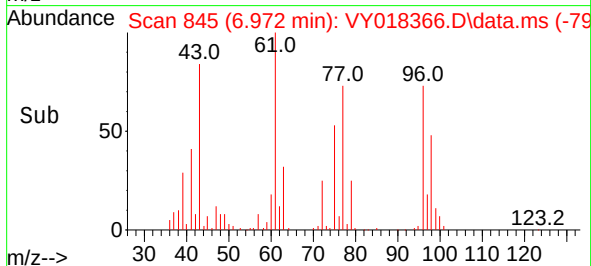
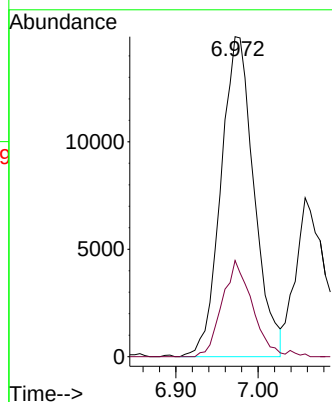
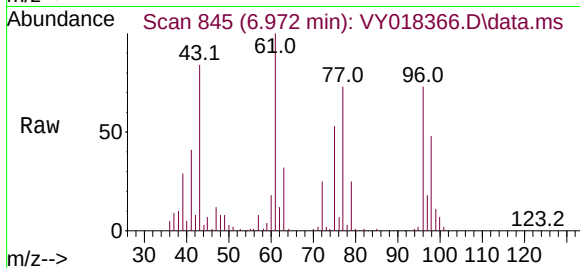
ClientSampleId :

Tgt Ion: 43 Resp: 41721

Ion Ratio Lower Upper

43 100

72 30.0 27.3 40.9



#26

2,2-Dichloropropane

Concen: 20.502 ug/l

RT: 6.966 min Scan# 844

Delta R.T. -0.006 min

Lab File: VY018366.D

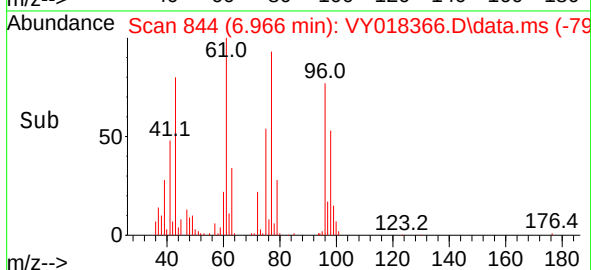
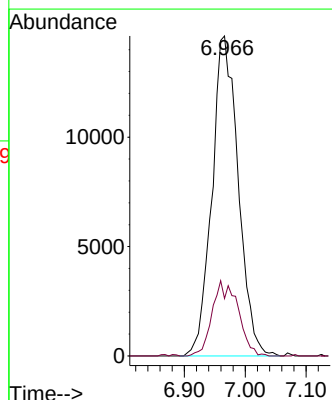
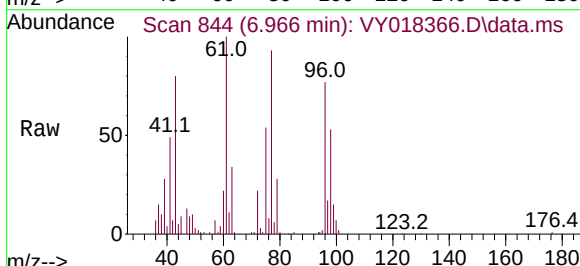
Acq: 24 May 2024 15:09

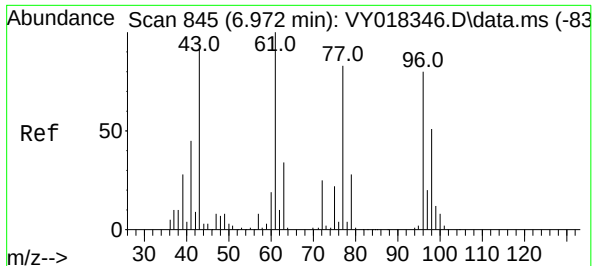
Tgt Ion: 77 Resp: 43842

Ion Ratio Lower Upper

77 100

97 23.1 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 20.259 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.000 min

Lab File: VY018366.D

Acq: 24 May 2024 15:09

Instrument :

MSVOA_Y

ClientSampleId :

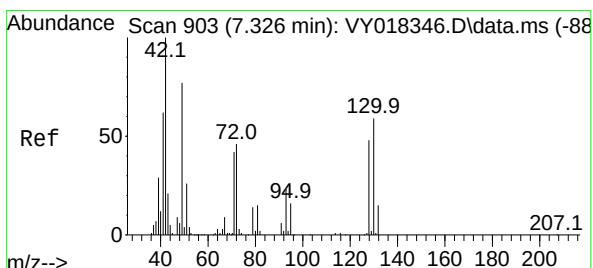
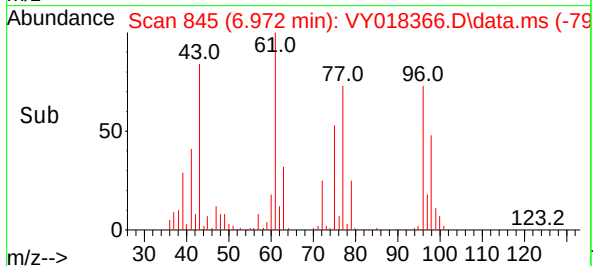
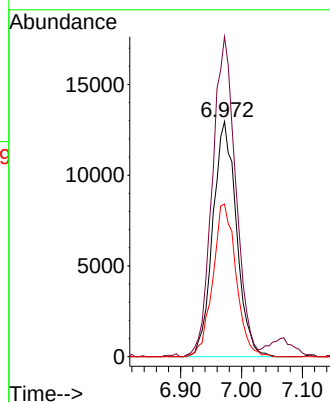
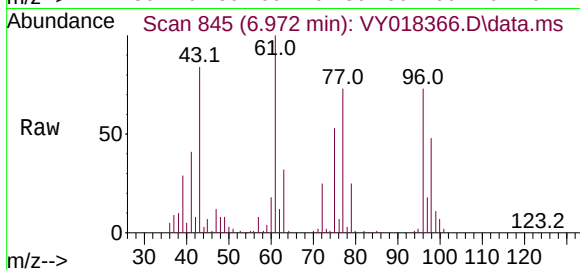
Tgt Ion: 96 Resp: 34904

Ion Ratio Lower Upper

96 100

61 134.5 0.0 256.2

98 63.8 0.0 130.0



#28

Bromochloromethane

Concen: 22.238 ug/l

RT: 7.319 min Scan# 902

Delta R.T. -0.006 min

Lab File: VY018366.D

Acq: 24 May 2024 15:09

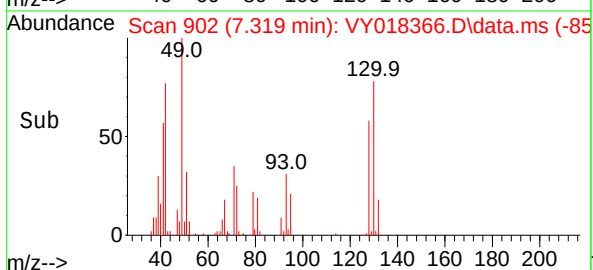
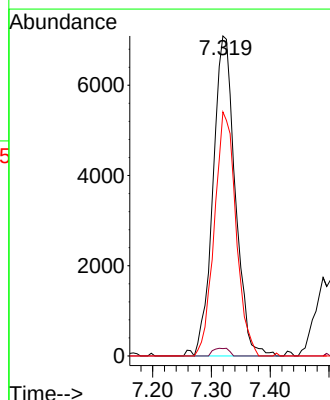
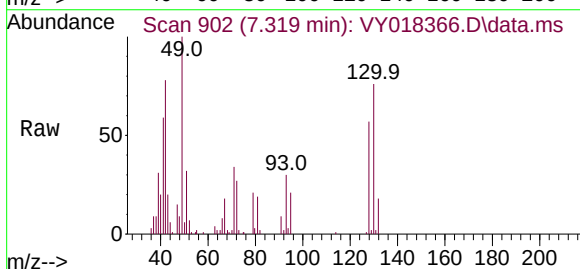
Tgt Ion: 49 Resp: 18684

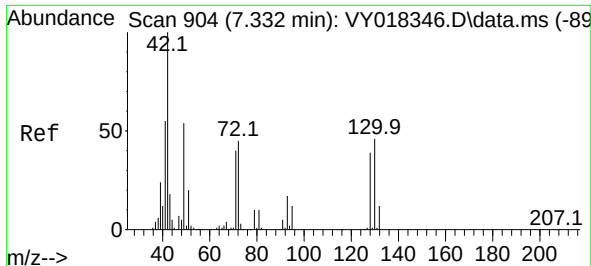
Ion Ratio Lower Upper

49 100

129 1.7 0.0 4.6

130 73.9 72.7 109.1

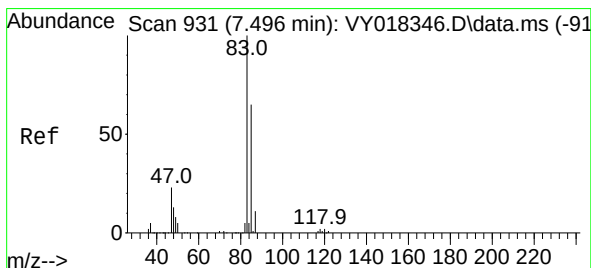
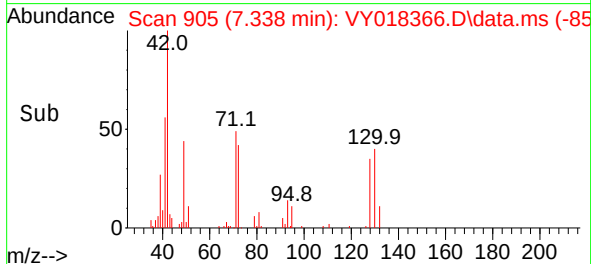
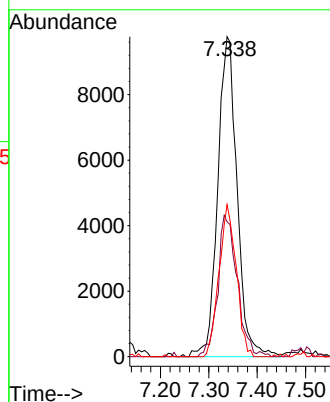
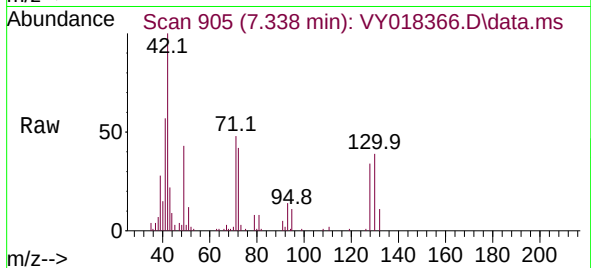




#29
Tetrahydrofuran
Concen: 101.561 ug/l
RT: 7.338 min Scan# 904
Delta R.T. 0.006 min
Lab File: VY018366.D
Acq: 24 May 2024 15:09

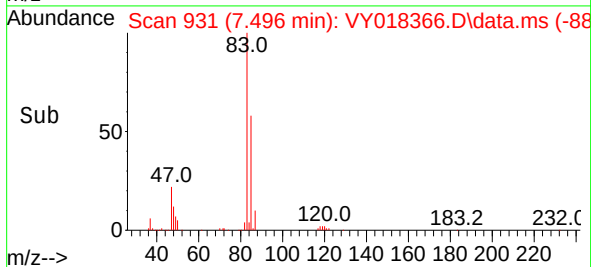
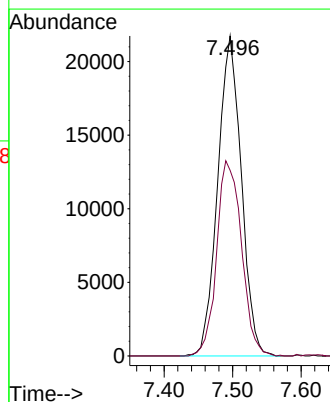
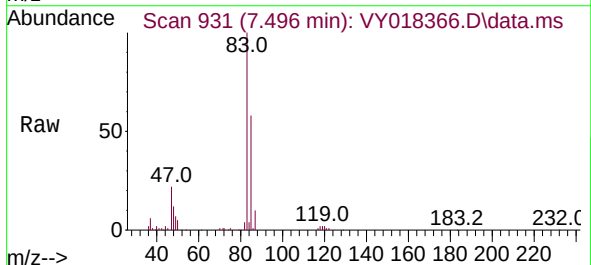
Instrument :
MSVOA_Y
ClientSampleId :

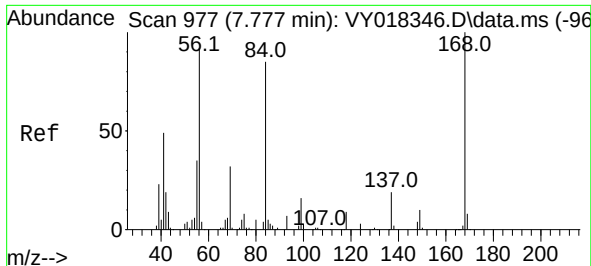
Tgt Ion: 42 Resp: 27114
Ion Ratio Lower Upper
42 100
72 43.9 43.0 64.4
71 42.4 40.8 61.2



#30
Chloroform
Concen: 20.625 ug/l
RT: 7.496 min Scan# 931
Delta R.T. -0.000 min
Lab File: VY018366.D
Acq: 24 May 2024 15:09

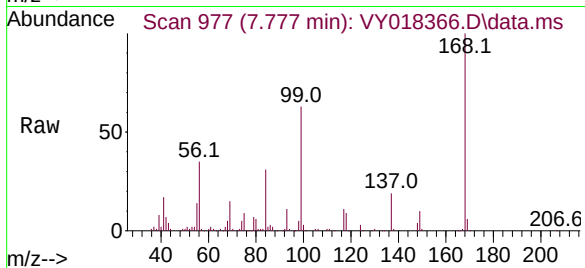
Tgt Ion: 83 Resp: 52003
Ion Ratio Lower Upper
83 100
85 58.0 52.2 78.4



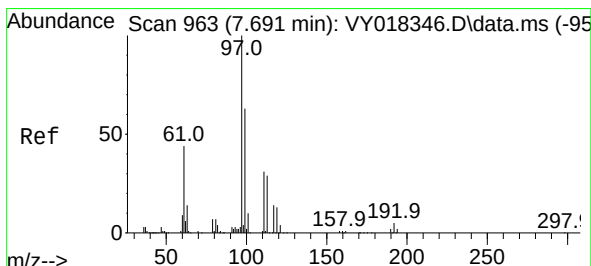
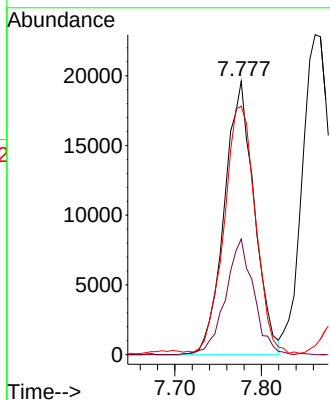
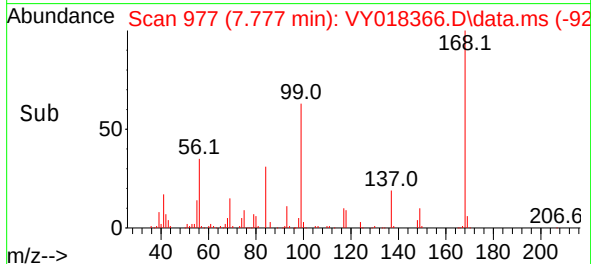


#31
Cyclohexane
Concen: 19.899 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018366.D
Acq: 24 May 2024 15:09

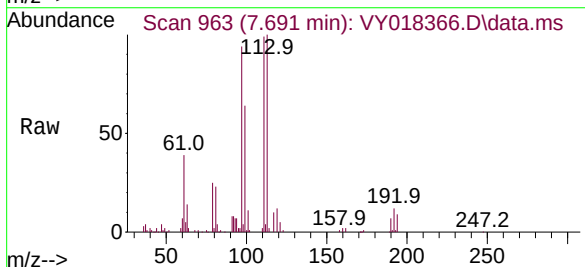
Instrument :
MSVOA_Y
ClientSampleId :



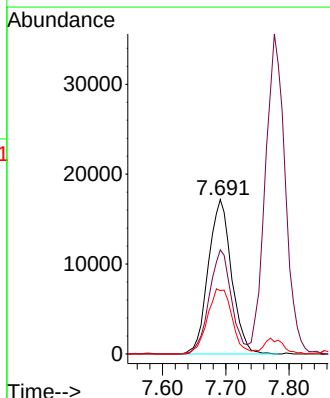
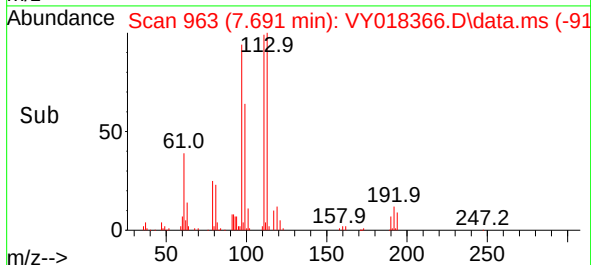
Tgt Ion: 56 Resp: 46919
Ion Ratio Lower Upper
56 100
69 42.3 28.7 43.1
84 89.6 77.7 116.5

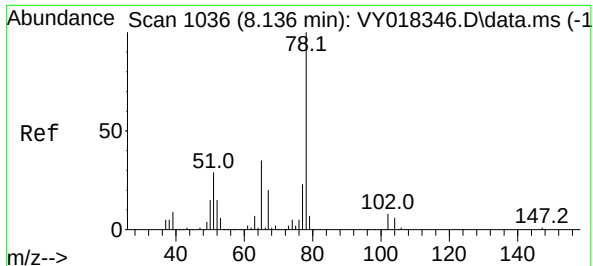


#32
1,1,1-Trichloroethane
Concen: 19.780 ug/l
RT: 7.691 min Scan# 963
Delta R.T. -0.000 min
Lab File: VY018366.D
Acq: 24 May 2024 15:09



Tgt Ion: 97 Resp: 43775
Ion Ratio Lower Upper
97 100
99 64.5 50.3 75.5
61 44.7 32.6 48.8

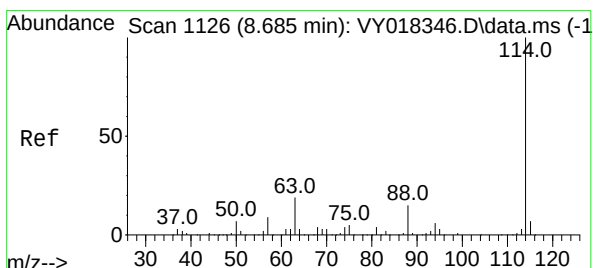
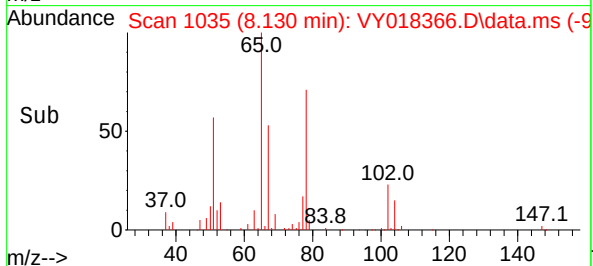
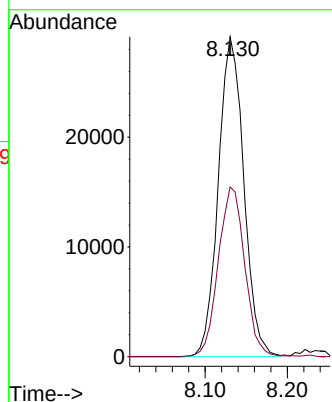
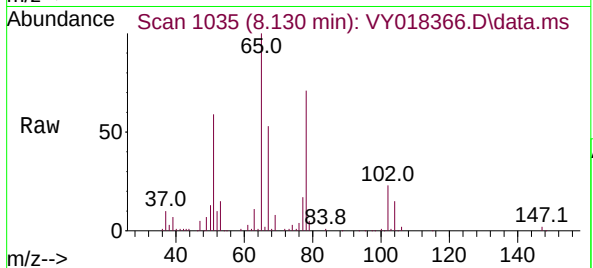




#33
1,2-Dichloroethane-d4
Concen: 50.430 ug/l
RT: 8.130 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY018366.D
Acq: 24 May 2024 15:09

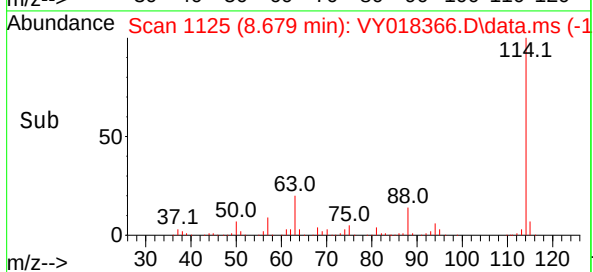
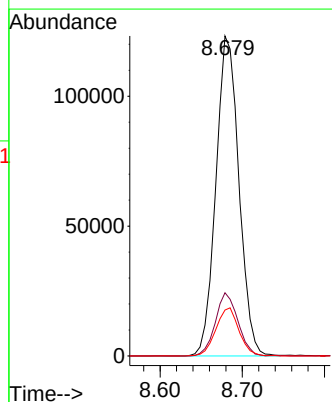
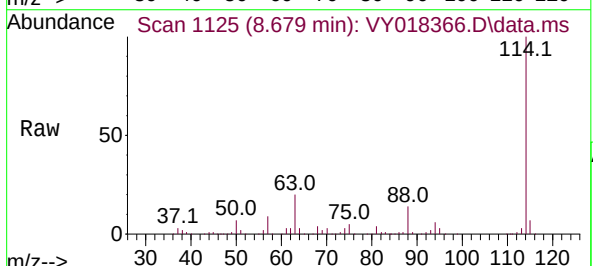
Instrument :
MSVOA_Y
ClientSampleId :

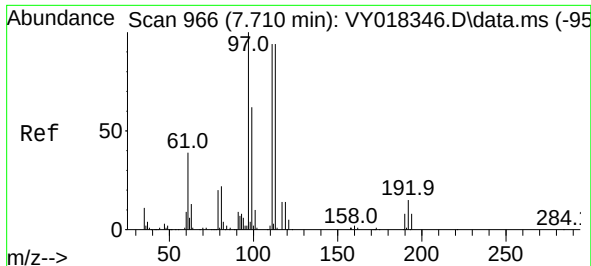
Tgt Ion: 65 Resp: 62758
Ion Ratio Lower Upper
65 100
67 55.0 0.0 109.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.679 min Scan# 1125
Delta R.T. -0.006 min
Lab File: VY018366.D
Acq: 24 May 2024 15:09

Tgt Ion:114 Resp: 239861
Ion Ratio Lower Upper
114 100
63 19.8 0.0 35.0
88 14.3 0.0 27.2





#35

Dibromofluoromethane

Concen: 48.303 ug/l

RT: 7.704 min Scan# 9

Delta R.T. -0.006 min

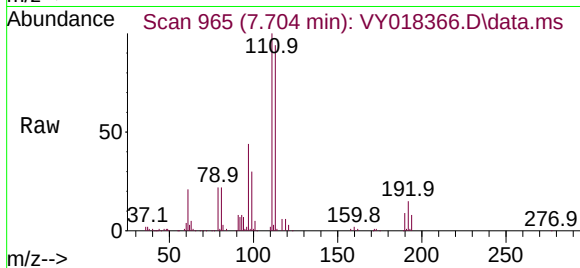
Lab File: VY018366.D

Acq: 24 May 2024 15:09

Instrument :

MSVOA_Y

ClientSampleId :



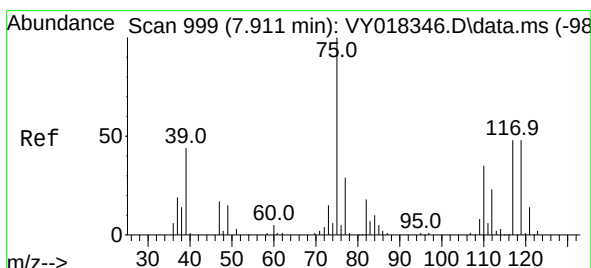
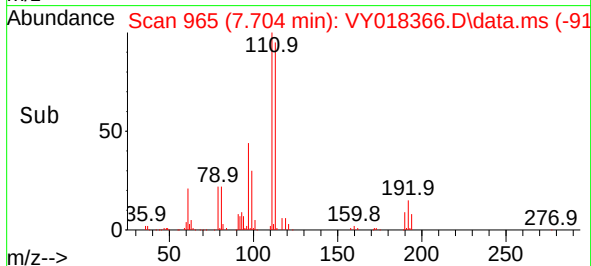
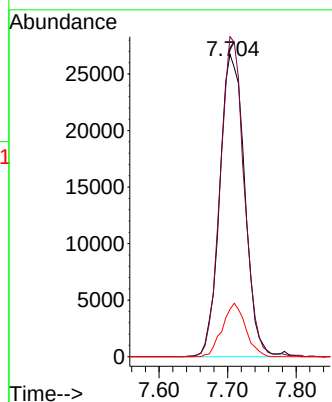
Tgt Ion:113 Resp: 67564

Ion Ratio Lower Upper

113 100

111 101.8 82.2 123.4

192 16.4 15.9 23.9



#36

1,1-Dichloropropene

Concen: 19.140 ug/l

RT: 7.911 min Scan# 999

Delta R.T. -0.000 min

Lab File: VY018366.D

Acq: 24 May 2024 15:09

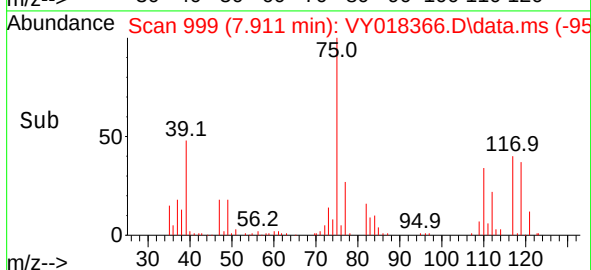
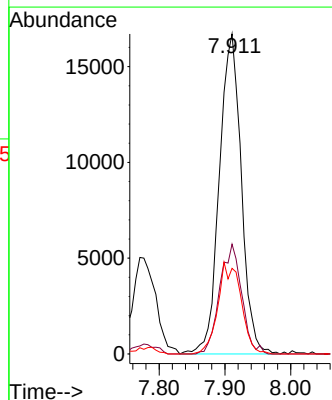
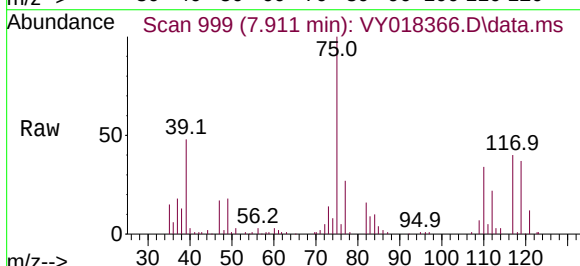
Tgt Ion: 75 Resp: 38826

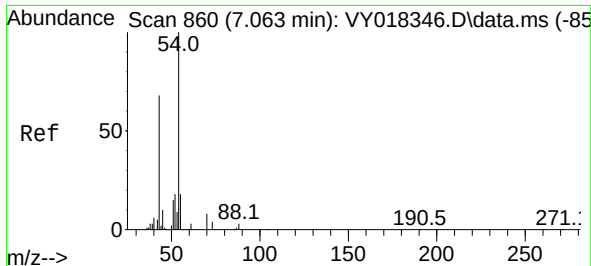
Ion Ratio Lower Upper

75 100

110 34.4 19.0 57.0

77 30.2 25.3 37.9





#37

Ethyl Acetate

Concen: 19.118 ug/l

RT: 7.057 min Scan# 860

Delta R.T. -0.006 min

Lab File: VY018366.D

Acq: 24 May 2024 15:09

Instrument :

MSVOA_Y

ClientSampleId :

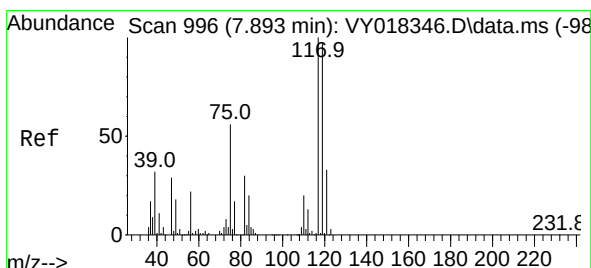
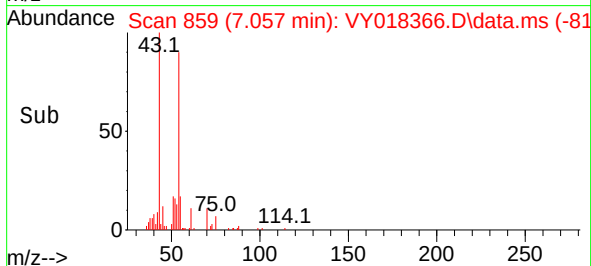
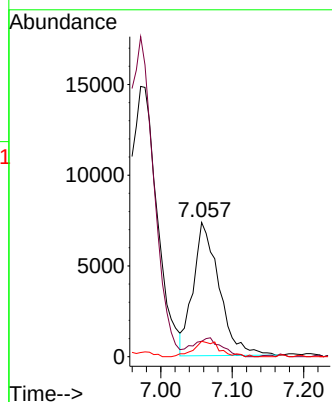
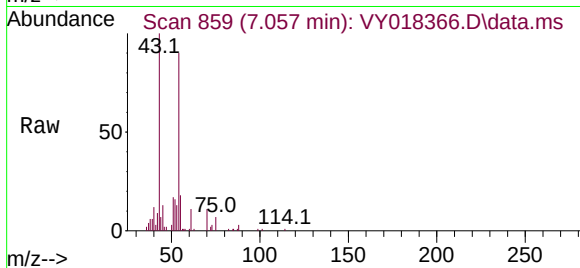
Tgt Ion: 43 Resp: 18552

Ion Ratio Lower Upper

43 100

61 14.9 12.6 19.0

70 11.8 7.8 11.8#



#38

Carbon Tetrachloride

Concen: 17.778 ug/l

RT: 7.893 min Scan# 996

Delta R.T. -0.000 min

Lab File: VY018366.D

Acq: 24 May 2024 15:09

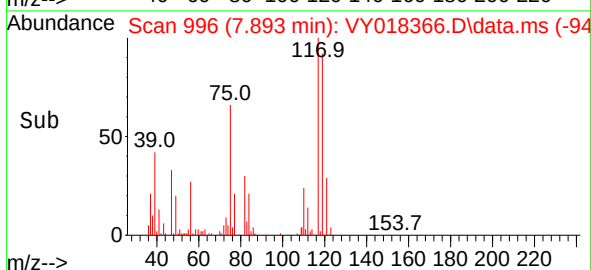
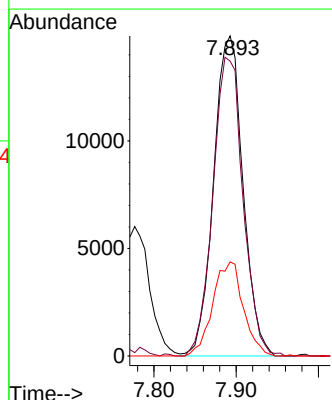
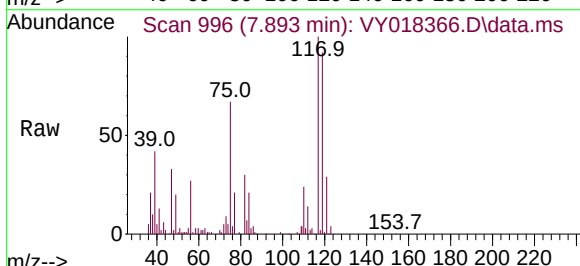
Tgt Ion: 117 Resp: 36936

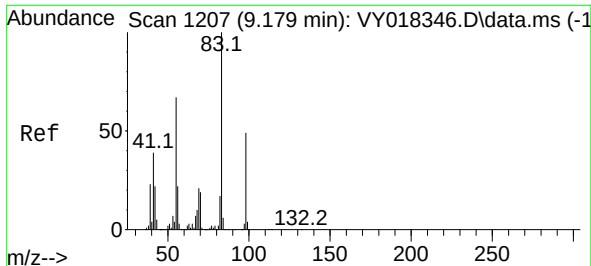
Ion Ratio Lower Upper

117 100

119 92.2 75.8 113.6

121 29.4 24.0 36.0





#39

Methylcyclohexane

Concen: 18.079 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY018366.D

Acq: 24 May 2024 15:09

Instrument :

MSVOA_Y

ClientSampleId :

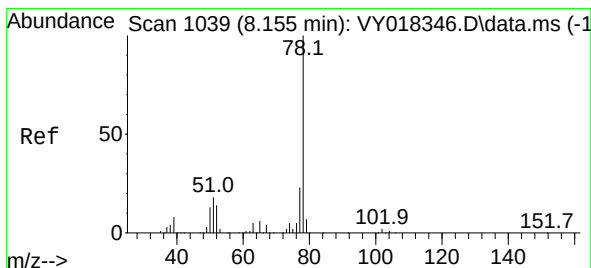
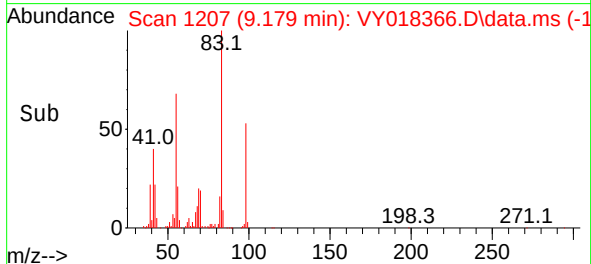
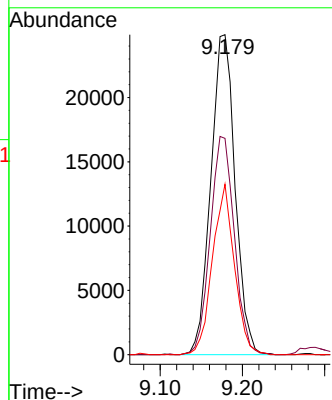
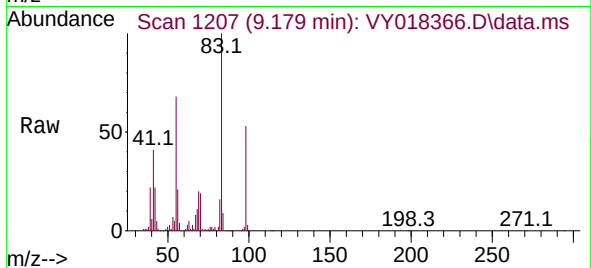
Tgt Ion: 83 Resp: 51158

Ion Ratio Lower Upper

83 100

55 67.6 51.5 77.3

98 53.2 40.5 60.7



#40

Benzene

Concen: 19.433 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. -0.006 min

Lab File: VY018366.D

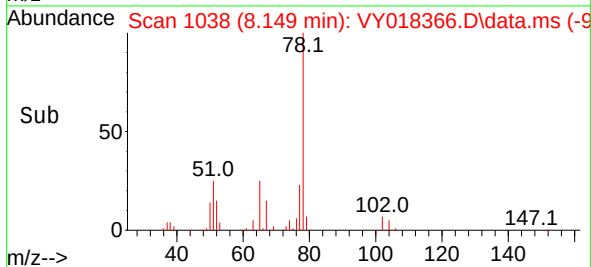
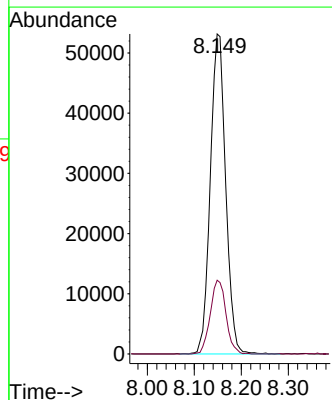
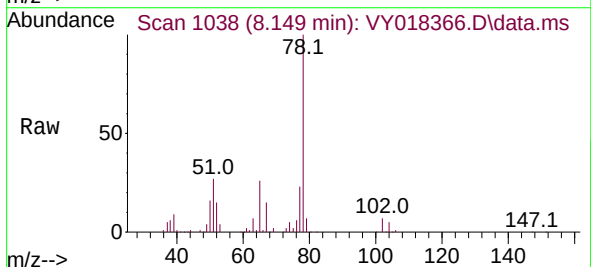
Acq: 24 May 2024 15:09

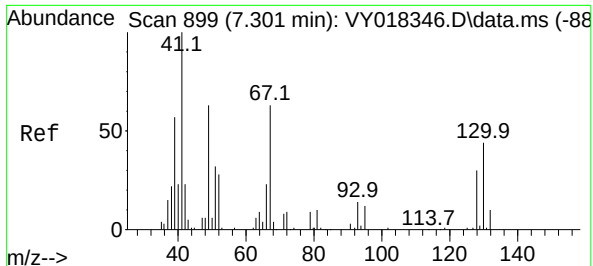
Tgt Ion: 78 Resp: 120167

Ion Ratio Lower Upper

78 100

77 23.0 19.5 29.3





#41

Methacrylonitrile

Concen: 52.046 ug/l

RT: 7.332 min Scan# 904

Delta R.T. 0.030 min

Lab File: VY018366.D

Acq: 24 May 2024 15:09

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 41 Resp: 25210

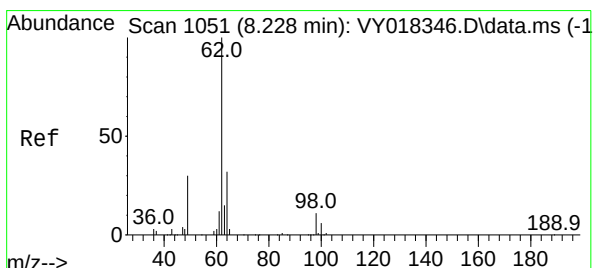
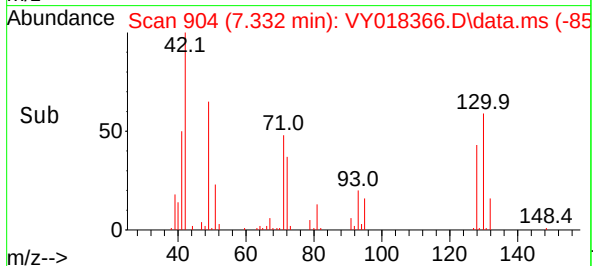
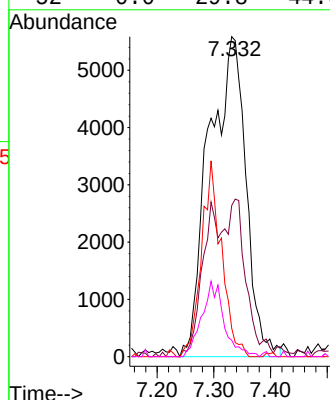
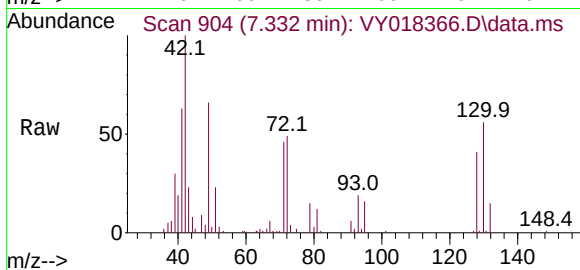
Ion Ratio Lower Upper

41 100

39 20.0 48.0 72.0#

67 0.0 75.1 112.7#

52 0.0 29.8 44.6#



#42

1,2-Dichloroethane

Concen: 19.139 ug/l

RT: 8.228 min Scan# 1051

Delta R.T. -0.000 min

Lab File: VY018366.D

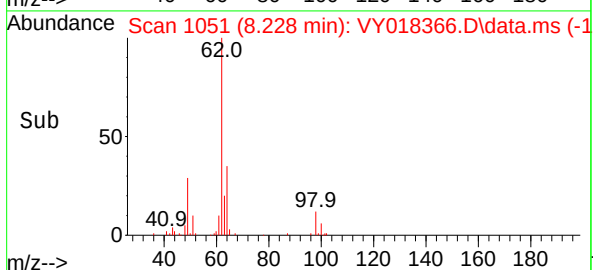
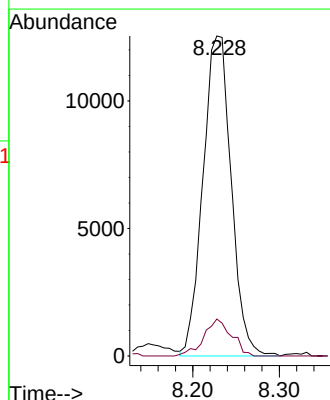
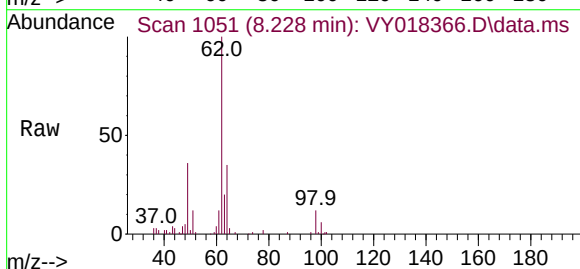
Acq: 24 May 2024 15:09

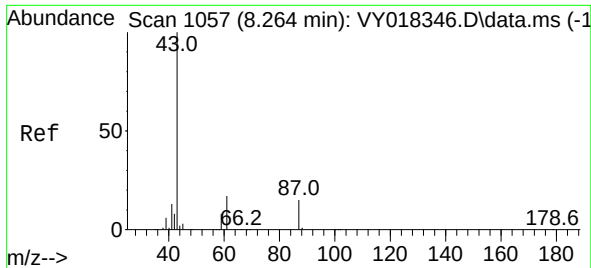
Tgt Ion: 62 Resp: 28468

Ion Ratio Lower Upper

62 100

98 11.3 0.0 22.0

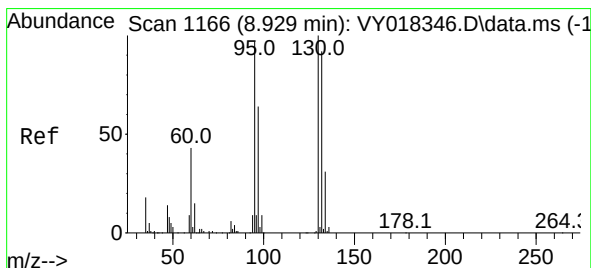
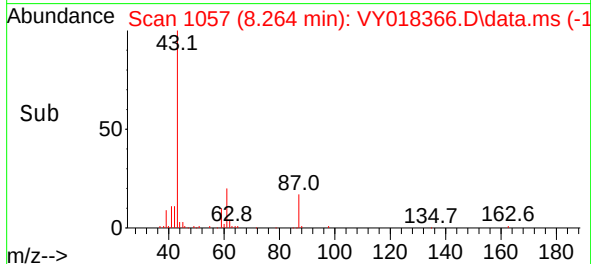
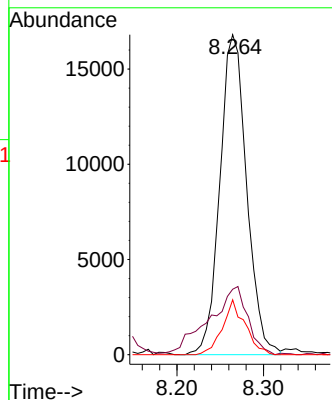
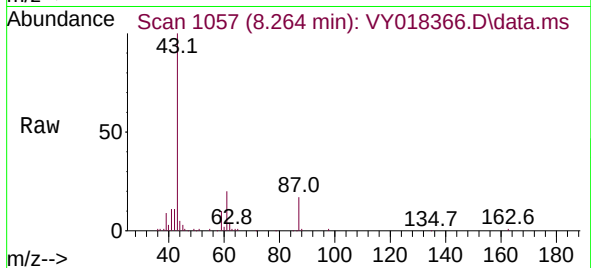




#43
Isopropyl Acetate
Concen: 19.081 ug/l
RT: 8.264 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VY018366.D
Acq: 24 May 2024 15:09

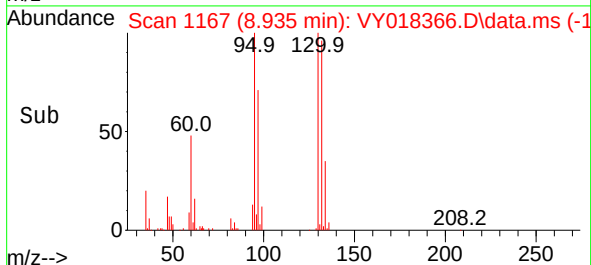
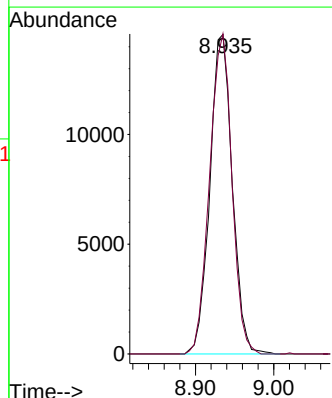
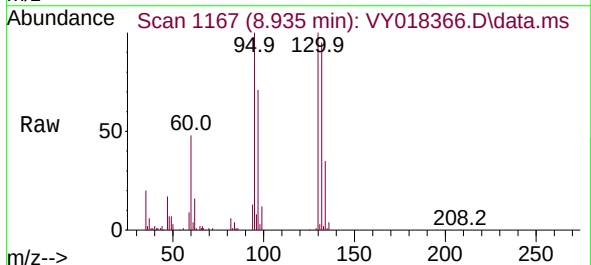
Instrument :
MSVOA_Y
ClientSampleId :

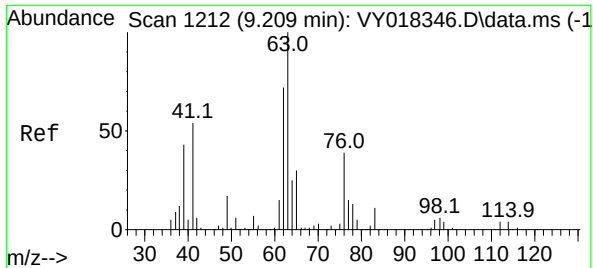
Tgt Ion: 43 Resp: 36127
Ion Ratio Lower Upper
43 100
61 31.0 27.9 41.9
87 14.5 13.1 19.7



#44
Trichloroethene
Concen: 18.274 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.006 min
Lab File: VY018366.D
Acq: 24 May 2024 15:09

Tgt Ion:130 Resp: 28966
Ion Ratio Lower Upper
130 100
95 100.2 0.0 188.0

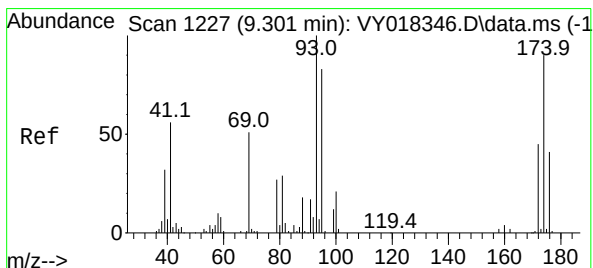
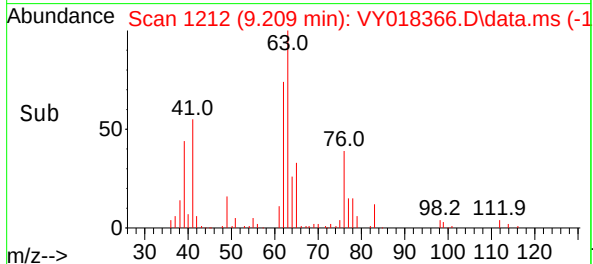
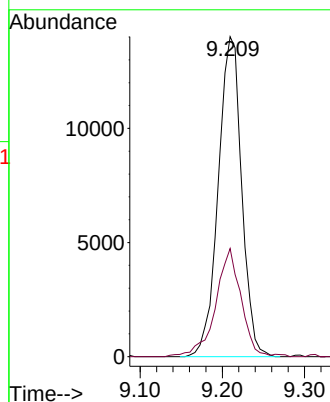
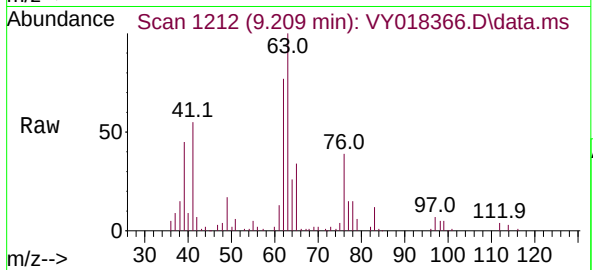




#45
1,2-Dichloropropane
Concen: 19.968 ug/l
RT: 9.209 min Scan# 1212
Delta R.T. -0.000 min
Lab File: VY018366.D
Acq: 24 May 2024 15:09

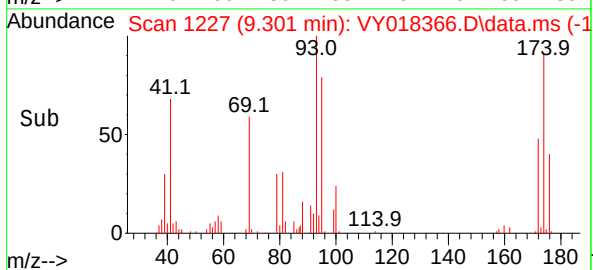
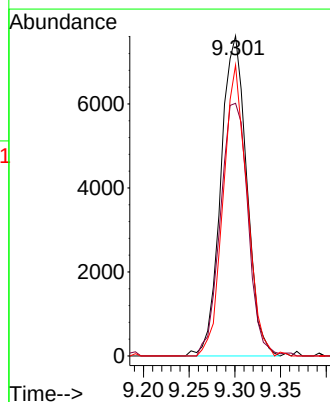
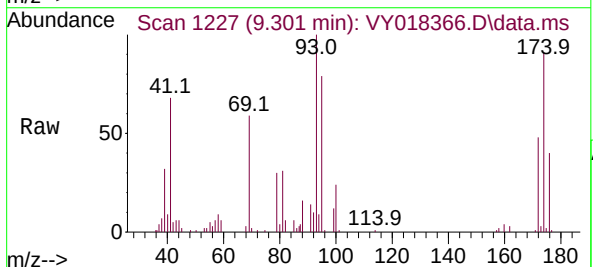
Instrument :
MSVOA_Y
ClientSampleId :

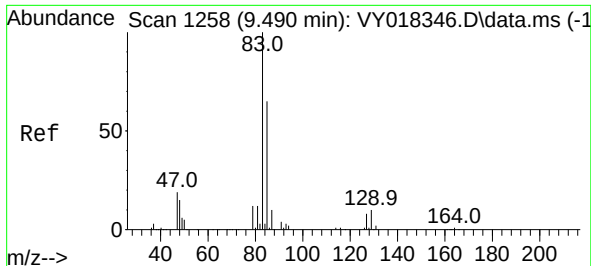
Tgt Ion: 63 Resp: 27772
Ion Ratio Lower Upper
63 100
65 33.1 25.4 38.2



#46
Dibromomethane
Concen: 18.420 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. -0.000 min
Lab File: VY018366.D
Acq: 24 May 2024 15:09

Tgt Ion: 93 Resp: 15033
Ion Ratio Lower Upper
93 100
95 84.1 66.2 99.4
174 84.0 80.9 121.3





#47

Bromodichloromethane

Concen: 18.981 ug/l

RT: 9.490 min Scan# 1258

Delta R.T. -0.000 min

Lab File: VY018366.D

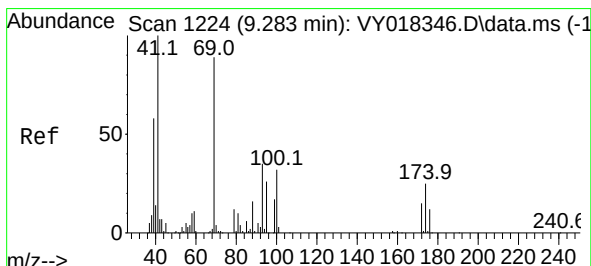
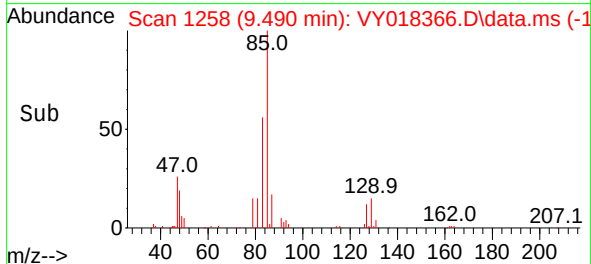
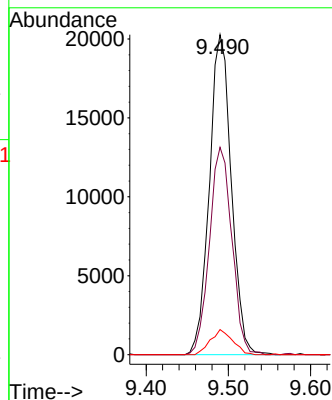
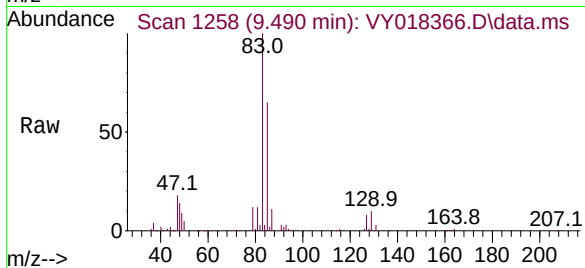
Acq: 24 May 2024 15:09

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 83	Resp: 37593
Ion Ratio	Lower Upper
83 100	
85 64.8	50.1 75.1
127 7.9	7.4 11.0



#48

Methyl methacrylate

Concen: 19.324 ug/l

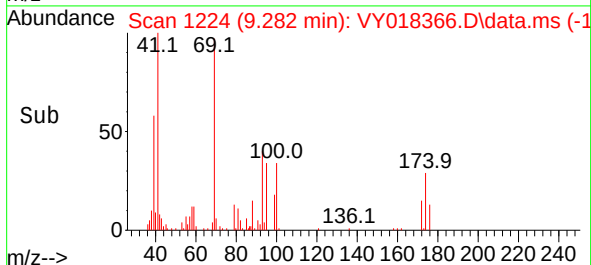
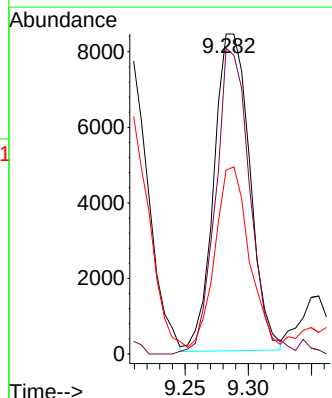
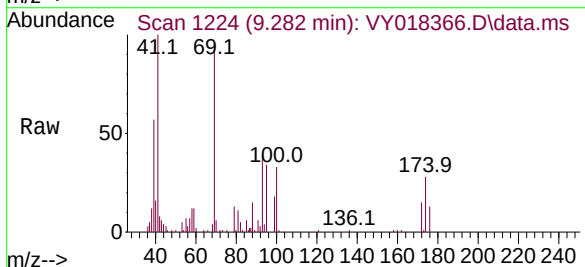
RT: 9.282 min Scan# 1224

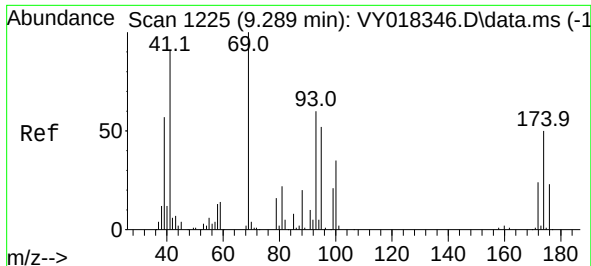
Delta R.T. -0.000 min

Lab File: VY018366.D

Acq: 24 May 2024 15:09

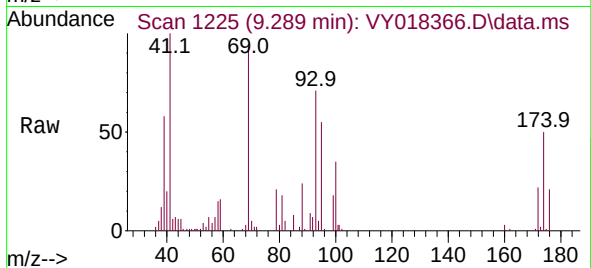
Tgt Ion: 41	Resp: 16550
Ion Ratio	Lower Upper
41 100	
69 91.9	84.1 126.1
39 54.5	43.6 65.4



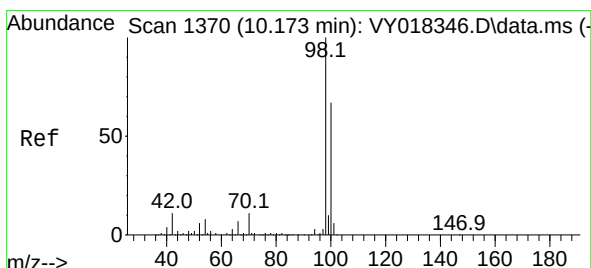
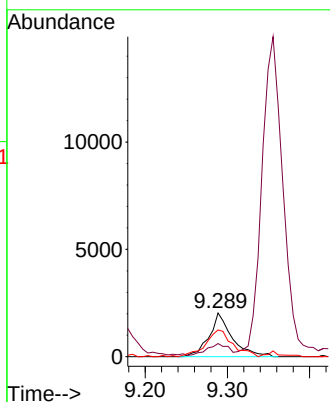
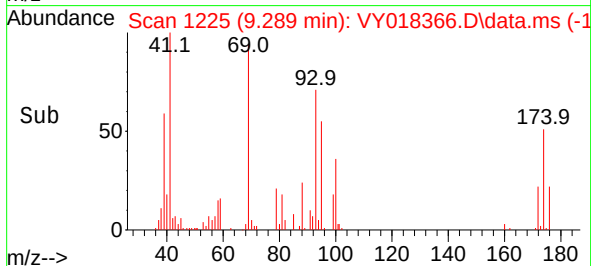


#49
1,4-Dioxane
Concen: 372.195 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY018366.D
Acq: 24 May 2024 15:09

Instrument :
MSVOA_Y
ClientSampleId :

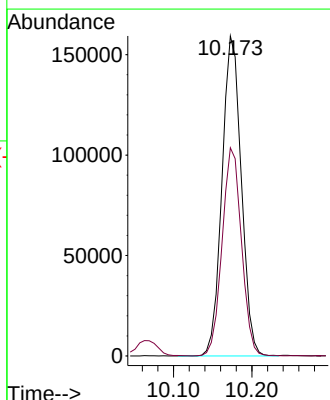
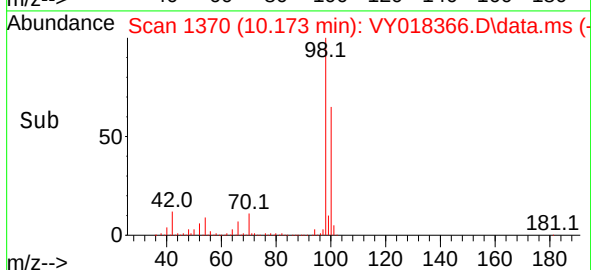
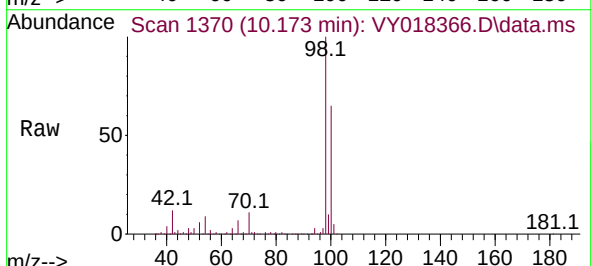


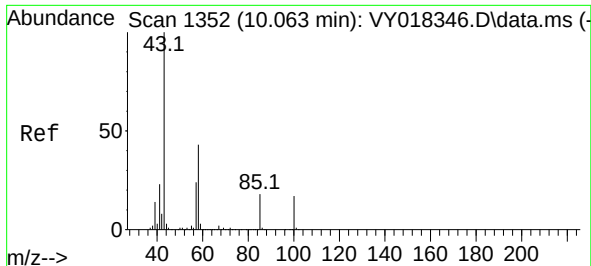
Tgt Ion: 88 Resp: 3941
Ion Ratio Lower Upper
88 100
43 24.1 0.0 0.0#
58 72.0 49.3 73.9



#50
Toluene-d8
Concen: 49.995 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.000 min
Lab File: VY018366.D
Acq: 24 May 2024 15:09

Tgt Ion: 98 Resp: 272643
Ion Ratio Lower Upper
98 100
100 65.2 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 95.981 ug/l

RT: 10.063 min Scan# 1352

Delta R.T. -0.000 min

Lab File: VY018366.D

Acq: 24 May 2024 15:09

Instrument :

MSVOA_Y

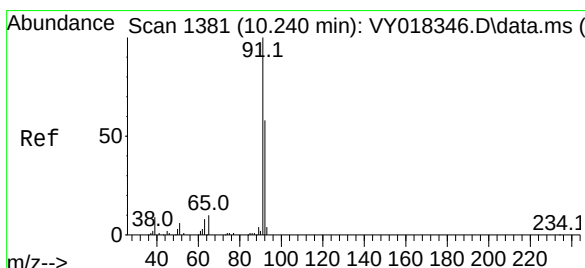
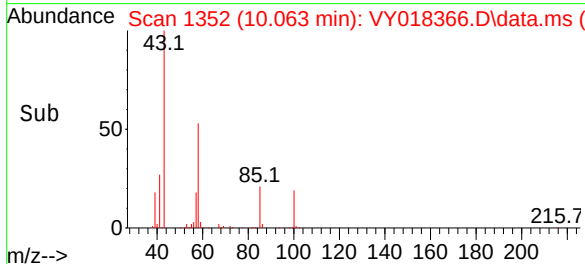
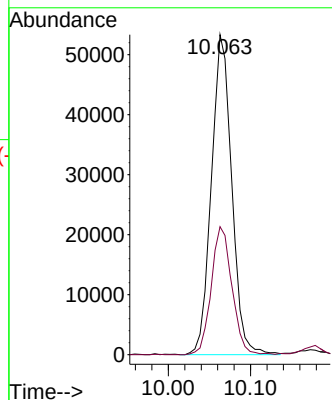
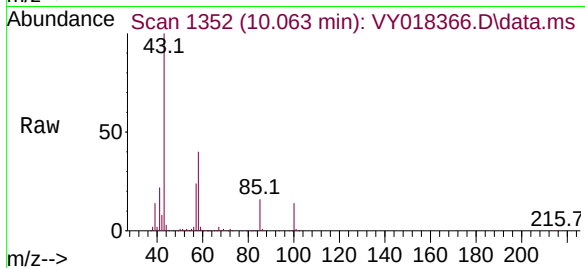
ClientSampleId :

Tgt Ion: 43 Resp: 91714

Ion Ratio Lower Upper

43 100

58 40.6 35.7 53.5



#52

Toluene

Concen: 19.024 ug/l

RT: 10.240 min Scan# 1381

Delta R.T. -0.000 min

Lab File: VY018366.D

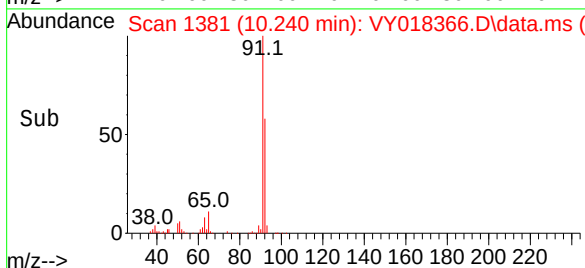
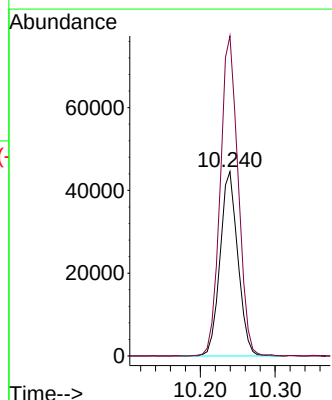
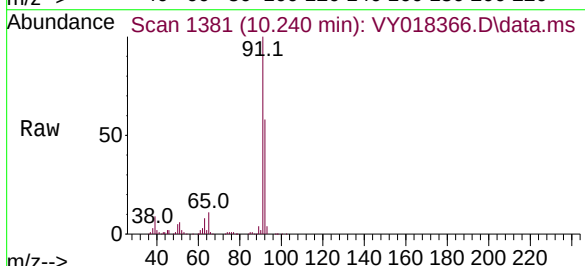
Acq: 24 May 2024 15:09

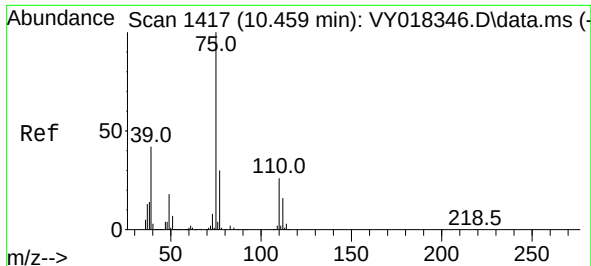
Tgt Ion: 92 Resp: 73746

Ion Ratio Lower Upper

92 100

91 174.9 139.0 208.6





#53

t-1,3-Dichloropropene

Concen: 19.300 ug/l

RT: 10.459 min Scan# 1417

Delta R.T. -0.000 min

Lab File: VY018366.D

Acq: 24 May 2024 15:09

Instrument :

MSVOA_Y

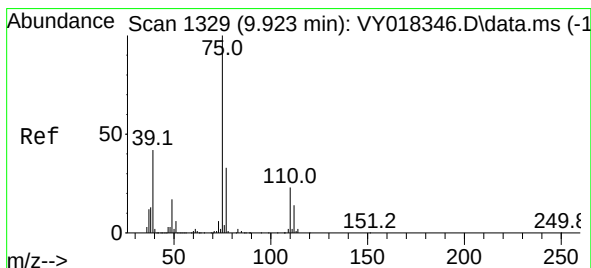
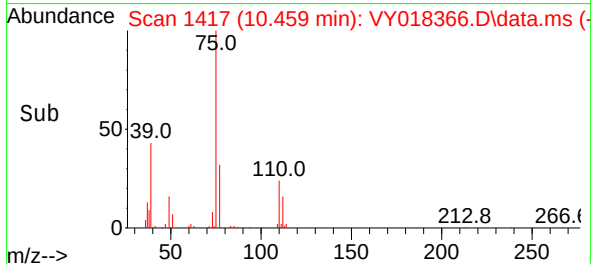
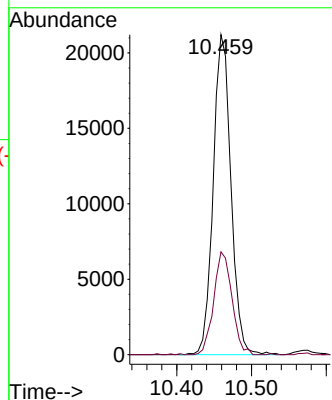
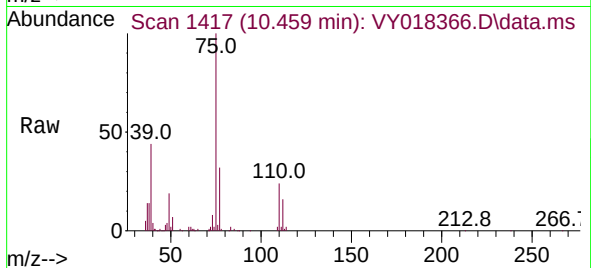
ClientSampleId :

Tgt Ion: 75 Resp: 34947

Ion Ratio Lower Upper

75 100

77 32.1 24.1 36.1



#54

cis-1,3-Dichloropropene

Concen: 19.076 ug/l

RT: 9.923 min Scan# 1329

Delta R.T. -0.000 min

Lab File: VY018366.D

Acq: 24 May 2024 15:09

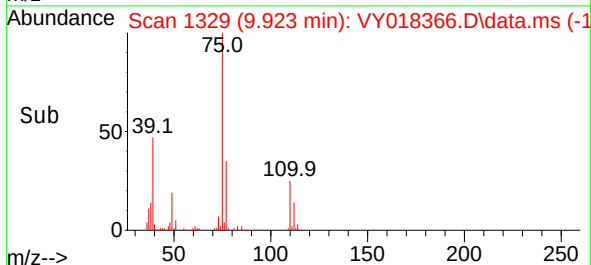
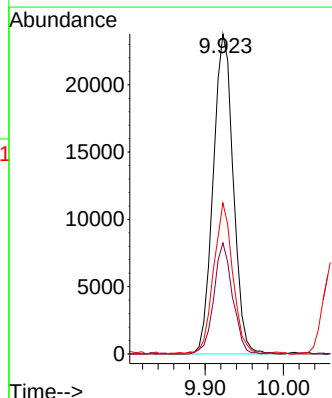
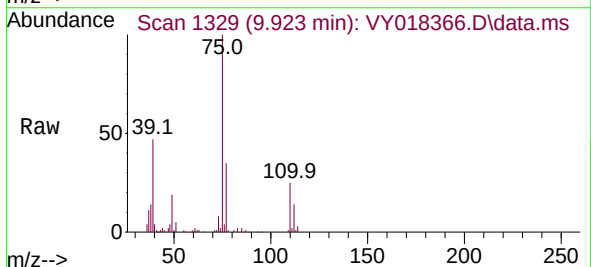
Tgt Ion: 75 Resp: 42325

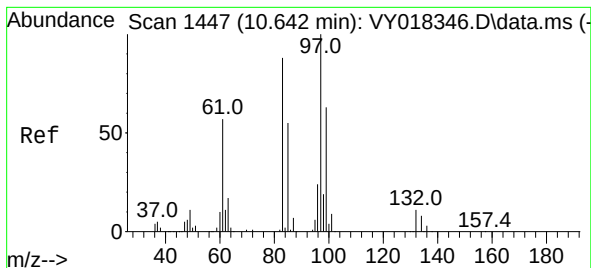
Ion Ratio Lower Upper

75 100

77 34.7 25.4 38.0

39 46.7 29.8 44.6#





#55

1,1,2-Trichloroethane

Concen: 19.304 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. -0.000 min

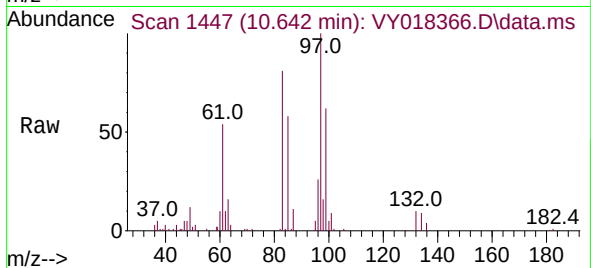
Lab File: VY018366.D

Acq: 24 May 2024 15:09

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 97 Resp: 20871

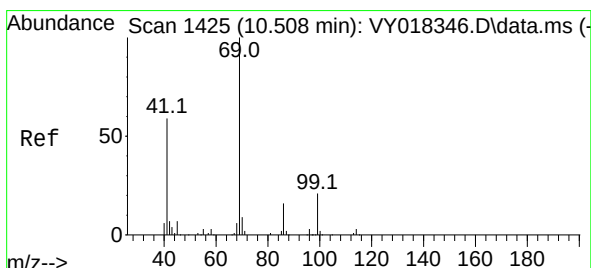
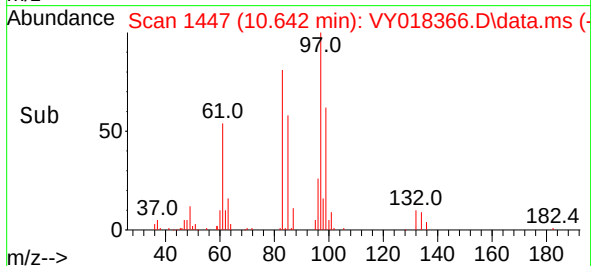
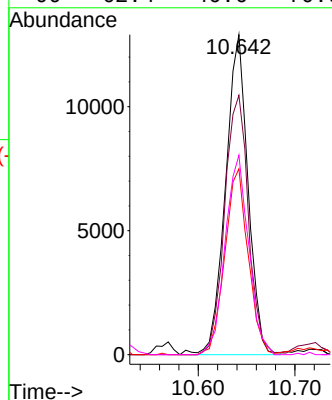
Ion	Ratio	Lower	Upper
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97	100		
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83	81.0	67.5	101.3
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85	58.1	42.9	64.3
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99	62.4	46.6	70.0
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#56

Ethyl methacrylate

Concen: 19.027 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. -0.000 min

Lab File: VY018366.D

Acq: 24 May 2024 15:09

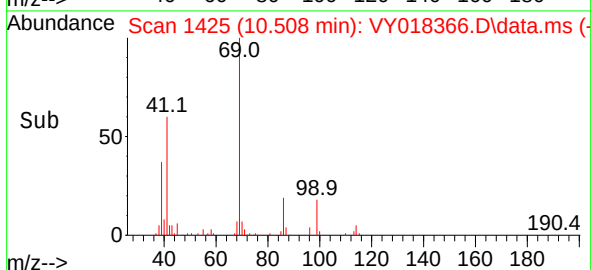
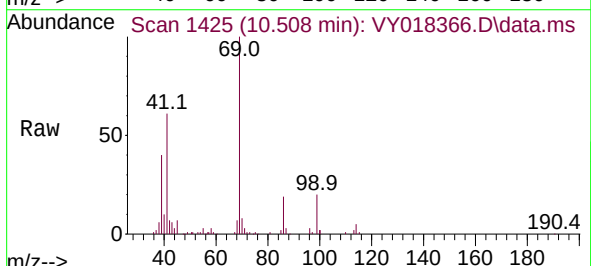
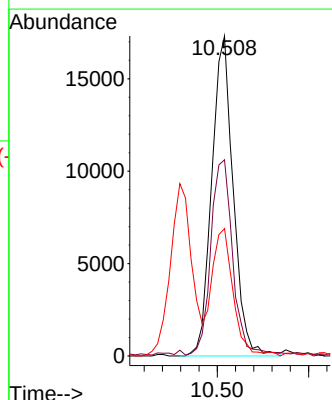
Tgt Ion: 69 Resp: 28218

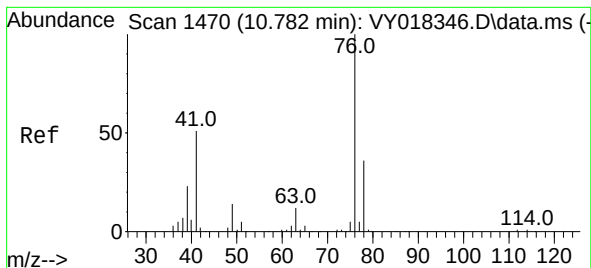
Ion	Ratio	Lower	Upper
-----	-------	-------	-------

69	100		
----	-----	--	--

41	62.1	42.3	63.5
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39	39.7	22.9	34.3
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#57

1,3-Dichloropropane

Concen: 19.556 ug/l

RT: 10.782 min Scan# 1470

Delta R.T. -0.000 min

Lab File: VY018366.D

Acq: 24 May 2024 15:09

Instrument :

MSVOA_Y

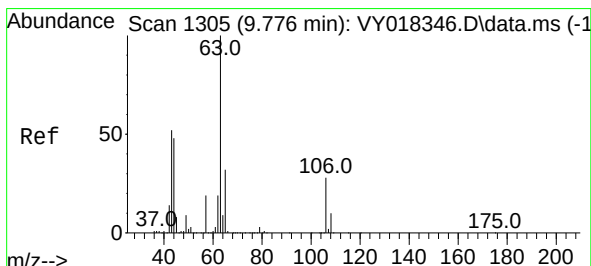
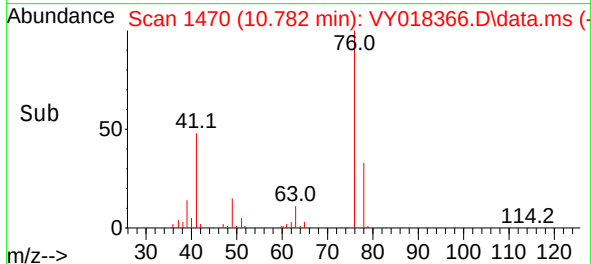
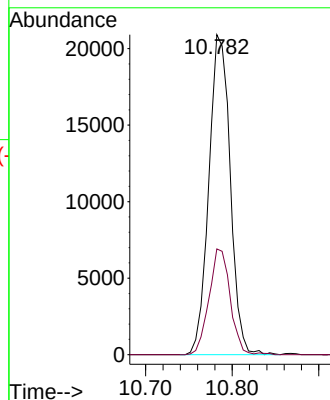
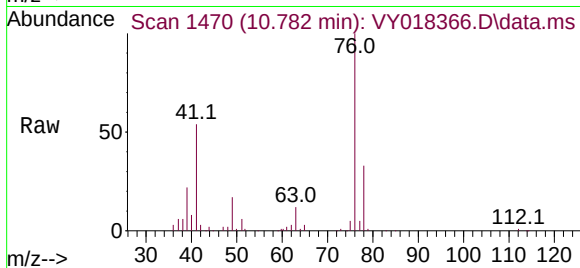
ClientSampleId :

Tgt Ion: 76 Resp: 35838

Ion Ratio Lower Upper

76 100

78 32.6 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 102.556 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. -0.000 min

Lab File: VY018366.D

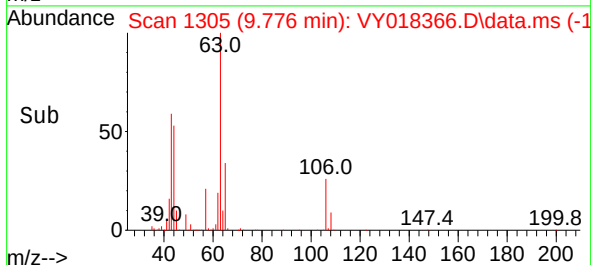
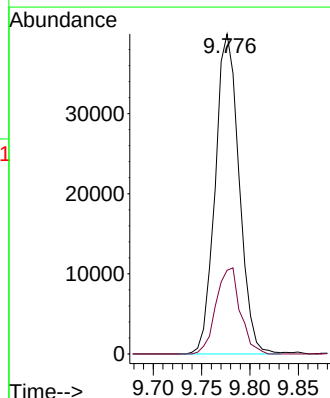
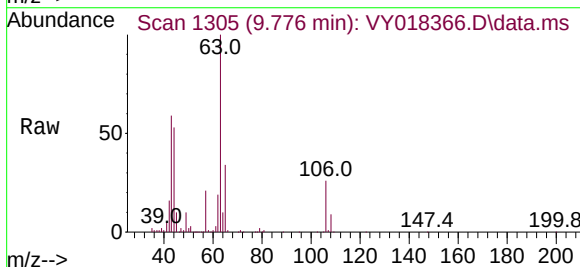
Acq: 24 May 2024 15:09

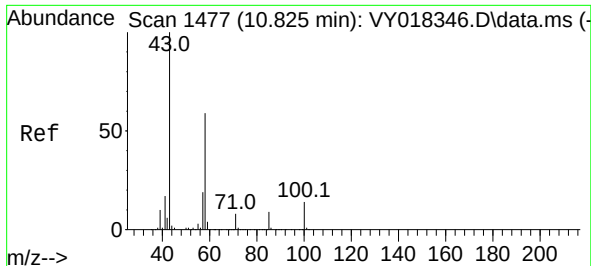
Tgt Ion: 63 Resp: 68724

Ion Ratio Lower Upper

63 100

106 27.3 23.7 35.5





#59

2-Hexanone

Concen: 97.185 ug/l

RT: 10.825 min Scan# 1477

Delta R.T. -0.000 min

Lab File: VY018366.D

Acq: 24 May 2024 15:09

Instrument :

MSVOA_Y

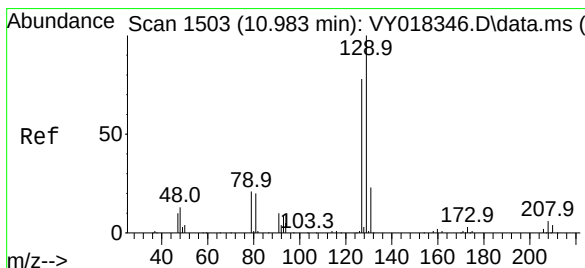
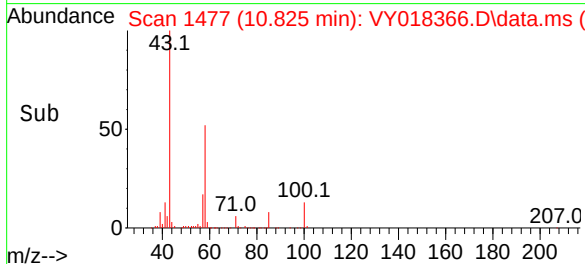
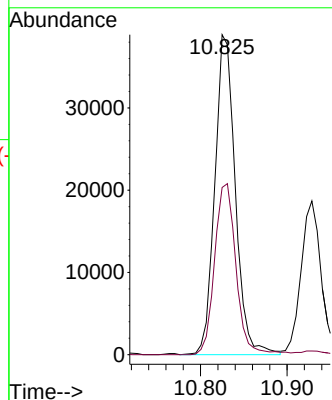
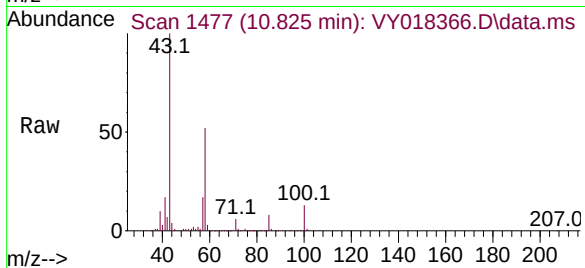
ClientSampleId :

Tgt Ion: 43 Resp: 63899

Ion Ratio Lower Upper

43 100

58 56.0 31.4 94.0



#60

Dibromochloromethane

Concen: 18.588 ug/l

RT: 10.977 min Scan# 1502

Delta R.T. -0.006 min

Lab File: VY018366.D

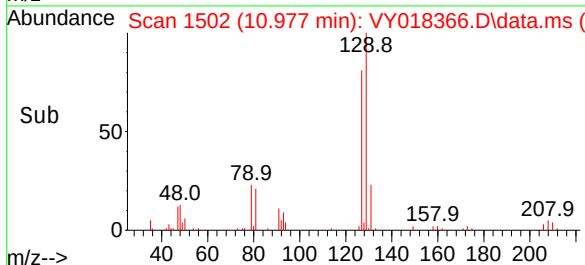
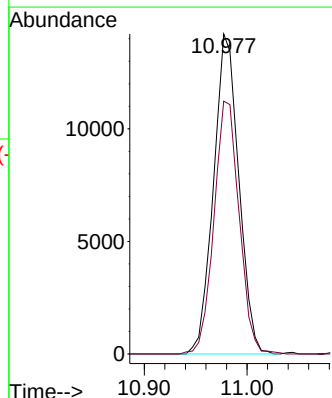
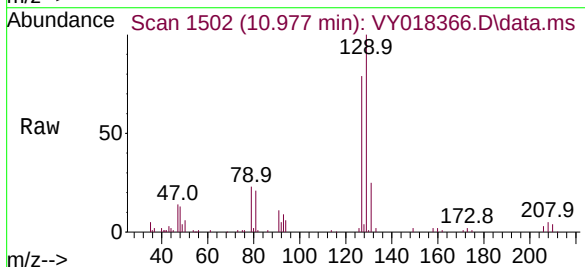
Acq: 24 May 2024 15:09

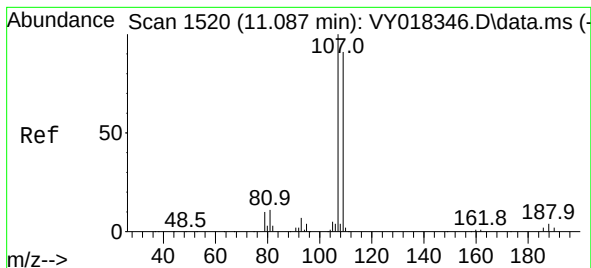
Tgt Ion: 129 Resp: 24274

Ion Ratio Lower Upper

129 100

127 78.7 39.0 117.0





#61

1,2-Dibromoethane

Concen: 19.037 ug/l

RT: 11.081 min Scan# 1519

Delta R.T. -0.006 min

Lab File: VY018366.D

Acq: 24 May 2024 15:09

Instrument :

MSVOA_Y

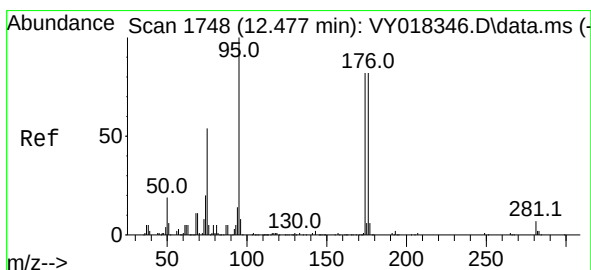
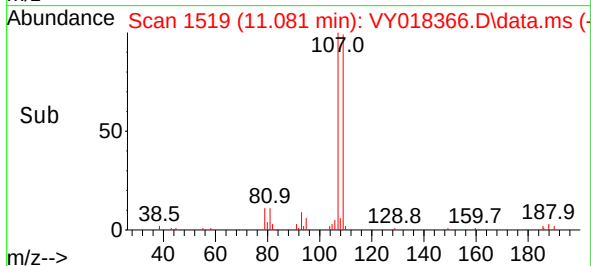
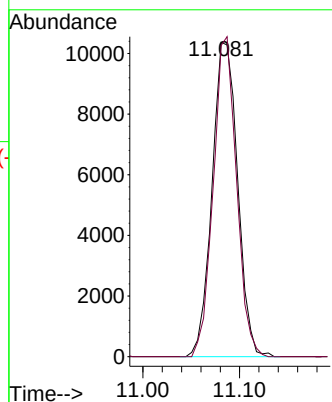
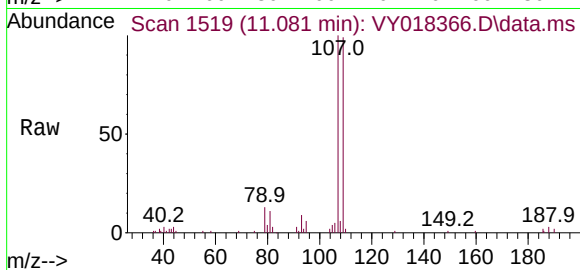
ClientSampleId :

Tgt Ion:107 Resp: 18992

Ion Ratio Lower Upper

107 100

109 92.8 75.9 113.9



#62

4-Bromofluorobenzene

Concen: 50.421 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.000 min

Lab File: VY018366.D

Acq: 24 May 2024 15:09

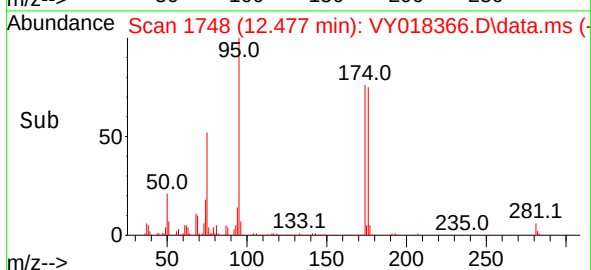
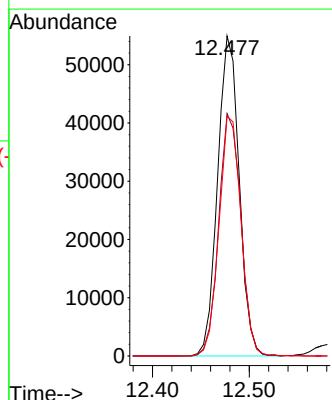
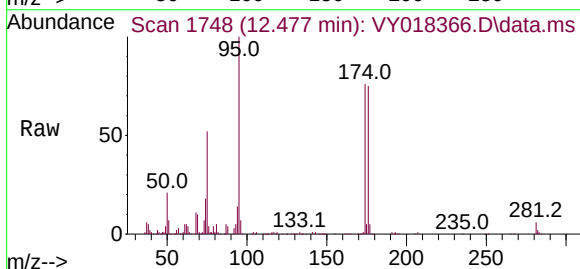
Tgt Ion: 95 Resp: 84963

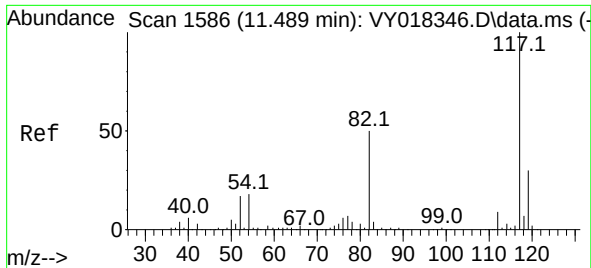
Ion Ratio Lower Upper

95 100

174 77.4 0.0 175.6

176 76.5 0.0 171.4

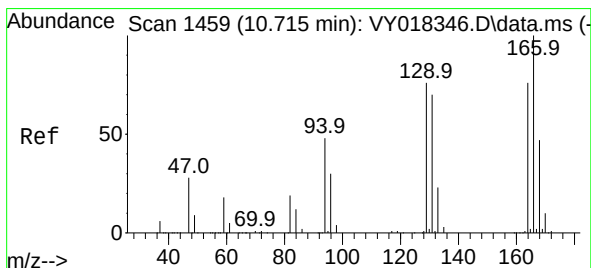
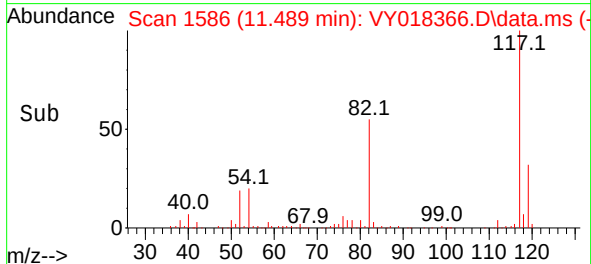
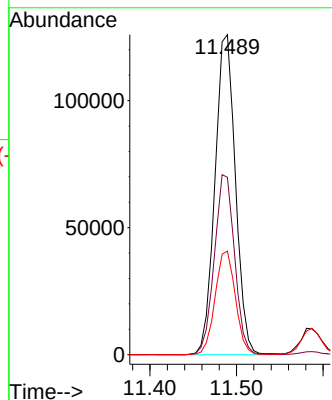
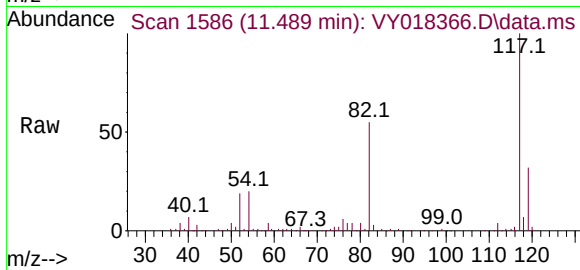




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018366.D
Acq: 24 May 2024 15:09

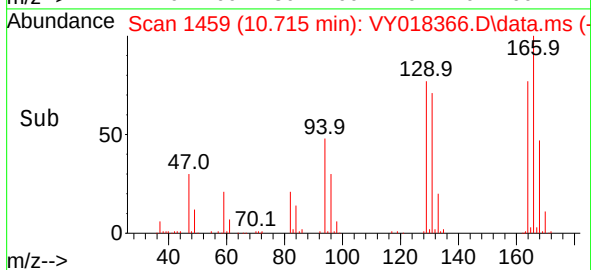
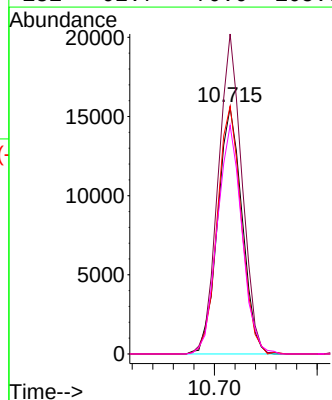
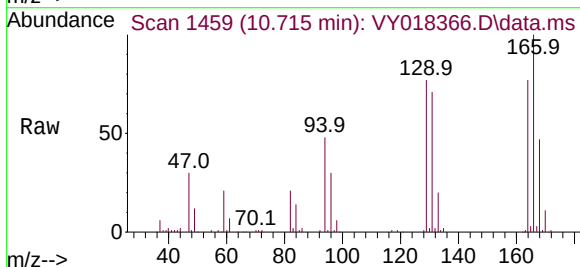
Instrument :
MSVOA_Y
ClientSampleId :

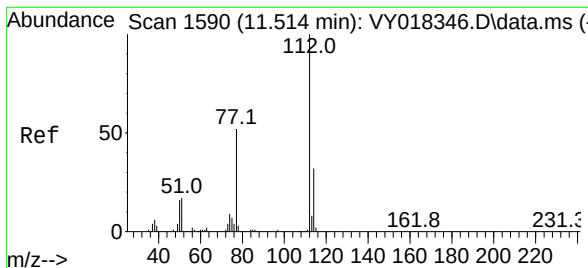
Tgt Ion:117 Resp: 207027
Ion Ratio Lower Upper
117 100
82 55.4 42.4 63.6
119 32.4 25.9 38.9



#64
Tetrachloroethene
Concen: 17.477 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VY018366.D
Acq: 24 May 2024 15:09

Tgt Ion:164 Resp: 25667
Ion Ratio Lower Upper
164 100
166 129.8 102.6 154.0
129 100.5 72.0 108.0
131 92.7 70.0 105.0

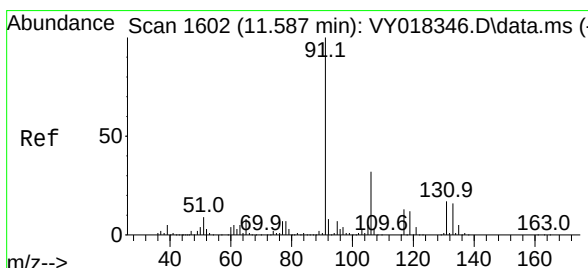
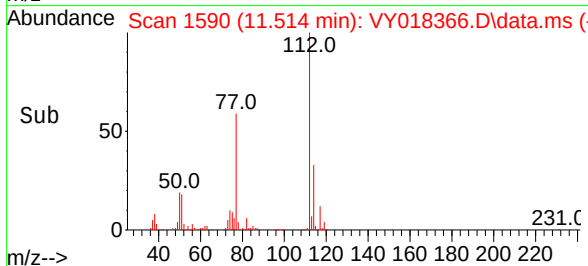
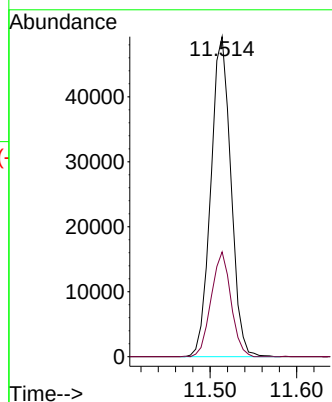
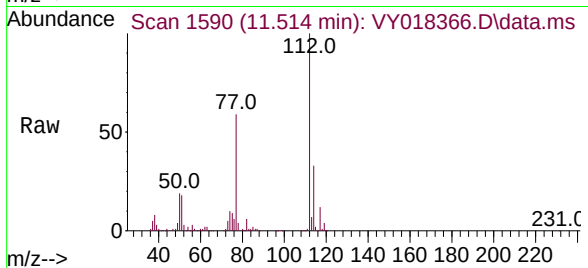




#65
Chlorobenzene
Concen: 18.519 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VY018366.D
Acq: 24 May 2024 15:09

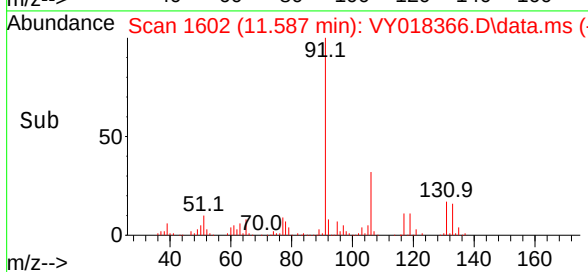
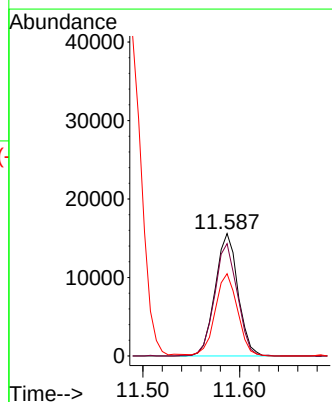
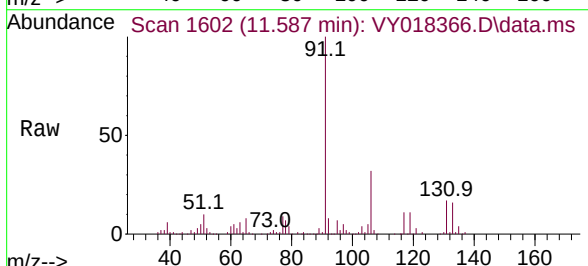
Instrument :
MSVOA_Y
ClientSampleId :

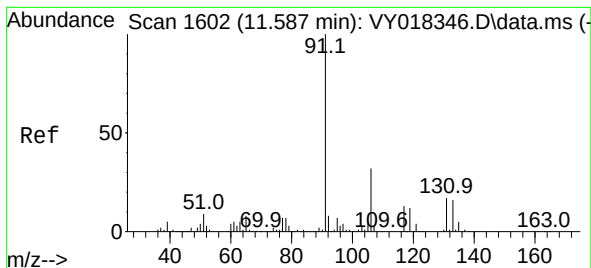
Tgt Ion:112 Resp: 79199
Ion Ratio Lower Upper
112 100
114 32.7 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 18.855 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VY018366.D
Acq: 24 May 2024 15:09

Tgt Ion:131 Resp: 25510
Ion Ratio Lower Upper
131 100
133 91.5 47.8 143.3
119 66.0 34.1 102.2





#67

Ethyl Benzene

Concen: 19.124 ug/l

RT: 11.587 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY018366.D

Acq: 24 May 2024 15:09

Instrument :

MSVOA_Y

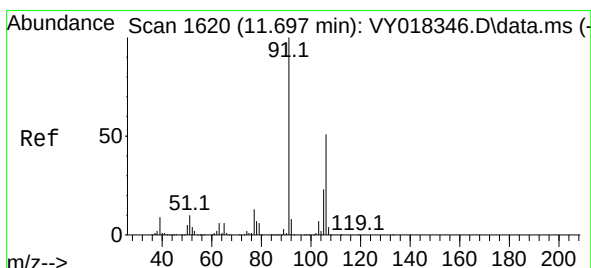
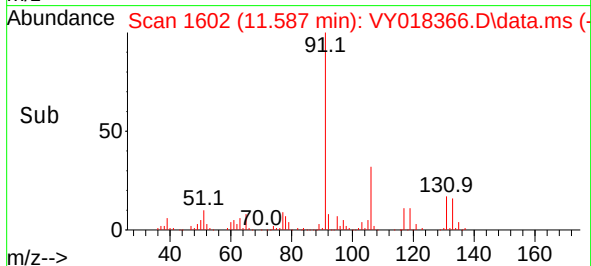
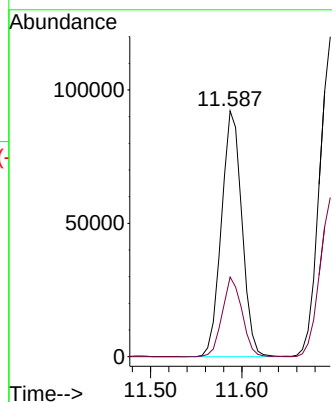
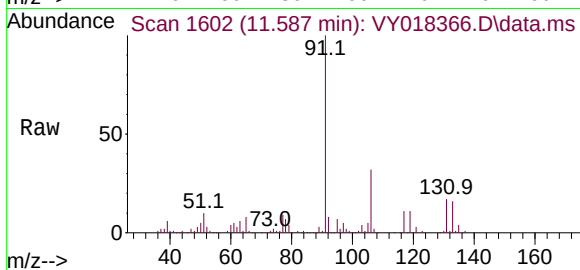
ClientSampleId :

Tgt Ion: 91 Resp: 143631

Ion Ratio Lower Upper

91 100

106 32.4 24.5 36.7



#68

m/p-Xylenes

Concen: 37.838 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. -0.000 min

Lab File: VY018366.D

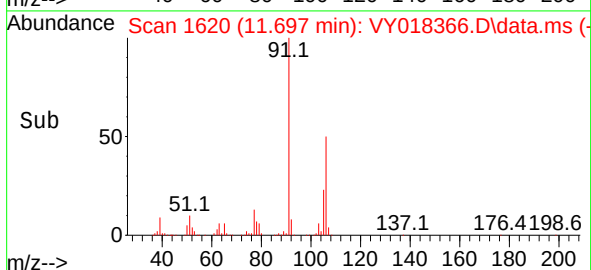
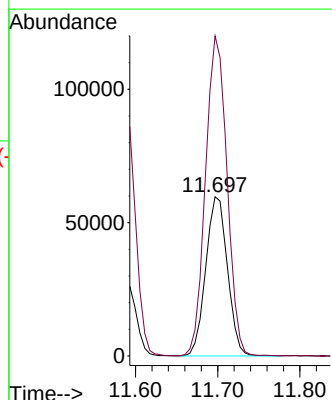
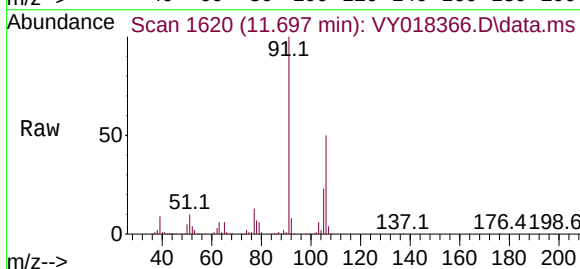
Acq: 24 May 2024 15:09

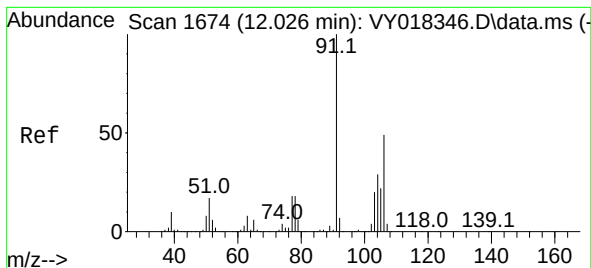
Tgt Ion:106 Resp: 109343

Ion Ratio Lower Upper

106 100

91 199.5 156.0 234.0





#69

o-Xylene

Concen: 19.387 ug/l

RT: 12.026 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY018366.D

Acq: 24 May 2024 15:09

Instrument :

MSVOA_Y

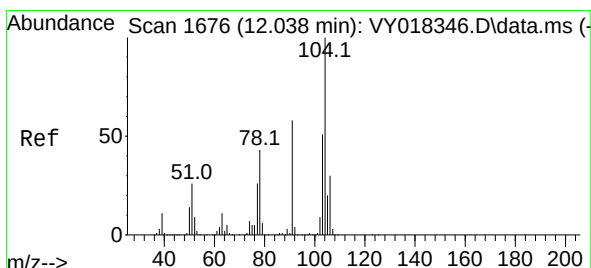
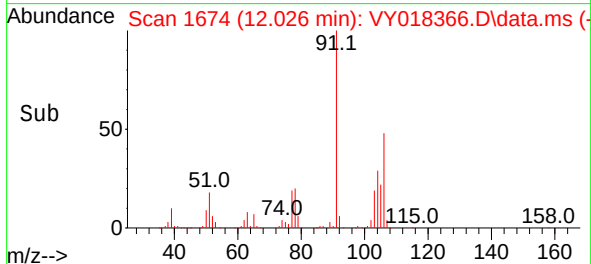
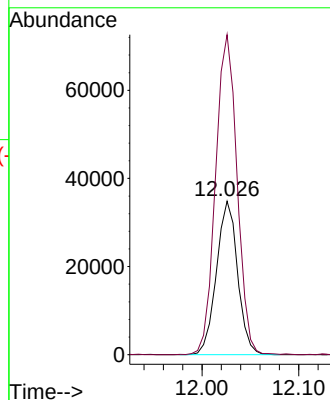
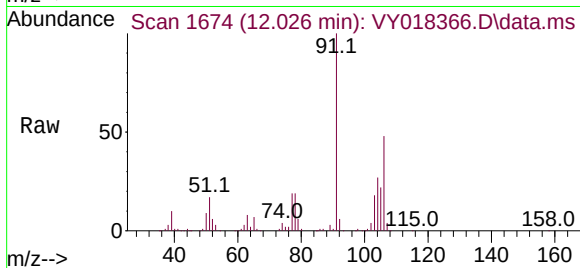
ClientSampleId :

Tgt Ion:106 Resp: 52871

Ion Ratio Lower Upper

106 100

91 212.5 103.6 310.8



#70

Styrene

Concen: 19.426 ug/l

RT: 12.038 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VY018366.D

Acq: 24 May 2024 15:09

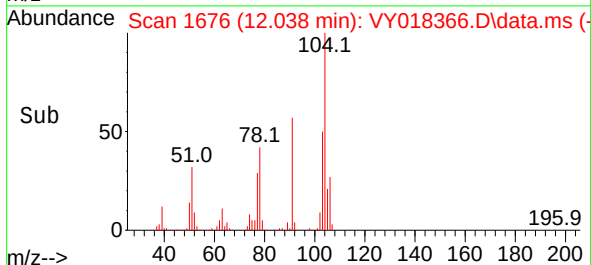
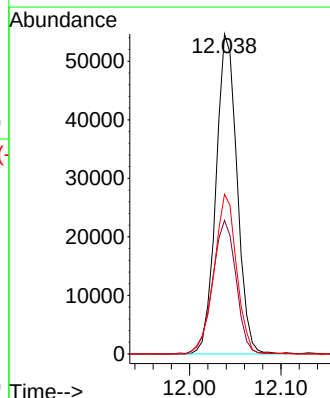
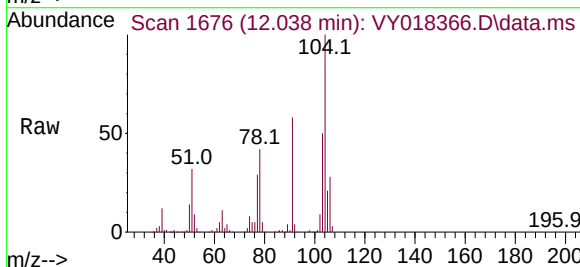
Tgt Ion:104 Resp: 87572

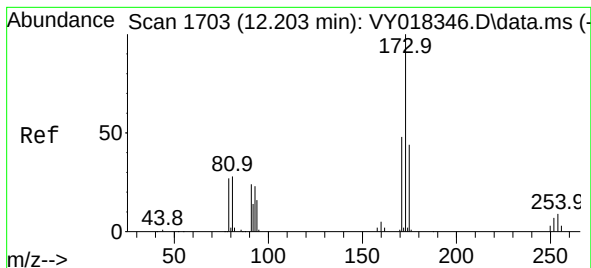
Ion Ratio Lower Upper

104 100

78 46.8 37.0 55.4

103 53.3 44.2 66.2





#71

Bromoform

Concen: 17.799 ug/l

RT: 12.203 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY018366.D

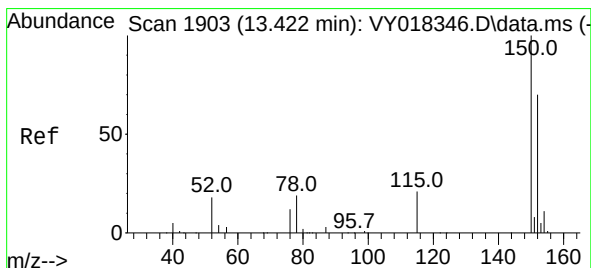
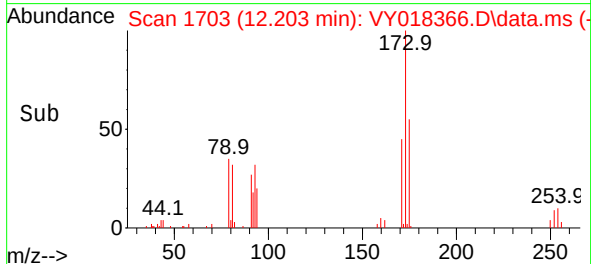
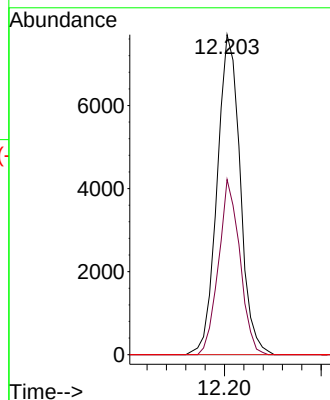
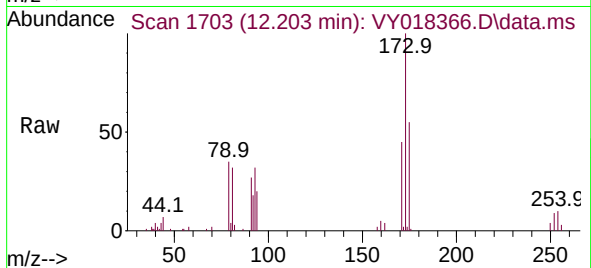
Acq: 24 May 2024 15:09

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:173	Resp:	12737
Ion Ratio	Lower	Upper
173	100	
175	50.5	25.1 75.3
254	0.0	0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

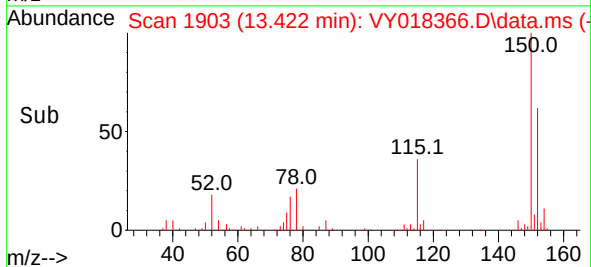
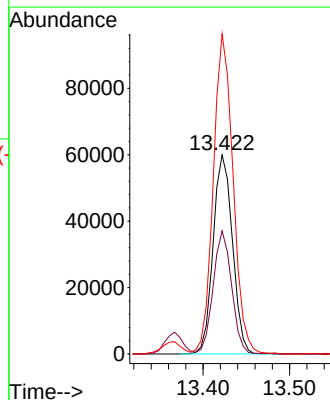
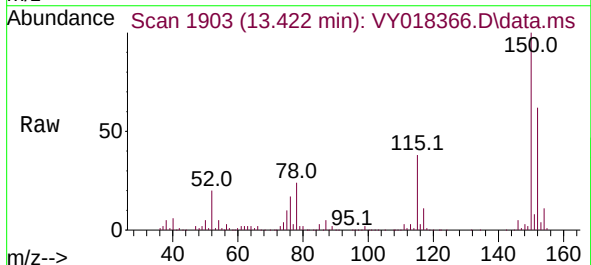
RT: 13.422 min Scan# 1903

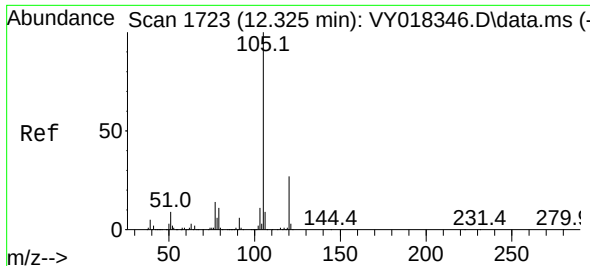
Delta R.T. -0.000 min

Lab File: VY018366.D

Acq: 24 May 2024 15:09

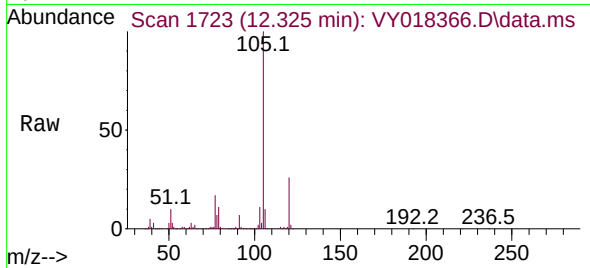
Tgt Ion:152	Resp:	92965
Ion Ratio	Lower	Upper
152	100	
115	59.1	28.2 84.7
150	164.6	0.0 345.6



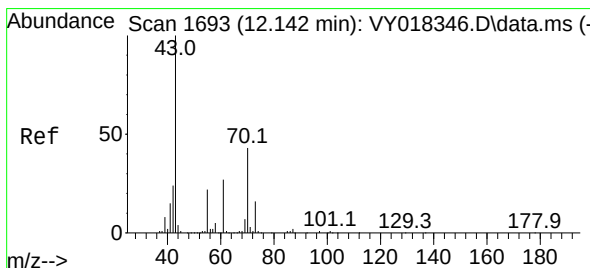
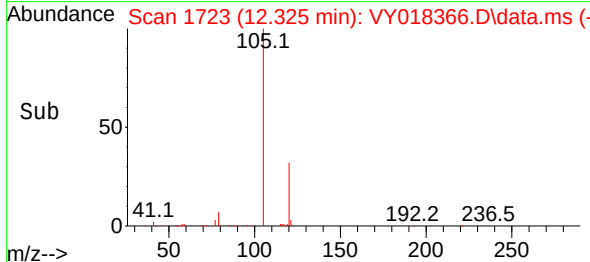
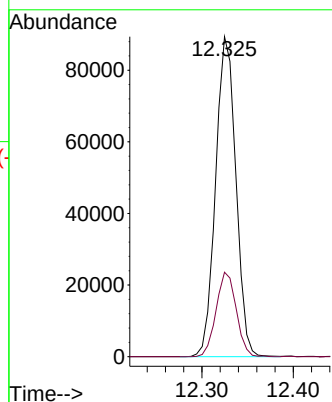


#73
Isopropylbenzene
Concen: 18.875 ug/l
RT: 12.325 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018366.D
Acq: 24 May 2024 15:09

Instrument :
MSVOA_Y
ClientSampleId :

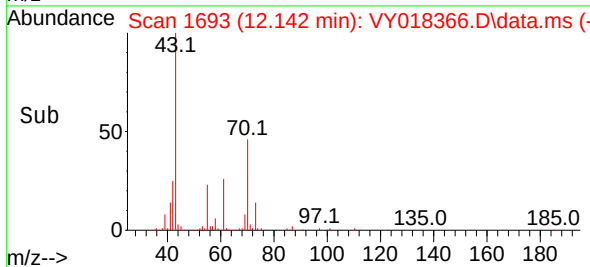
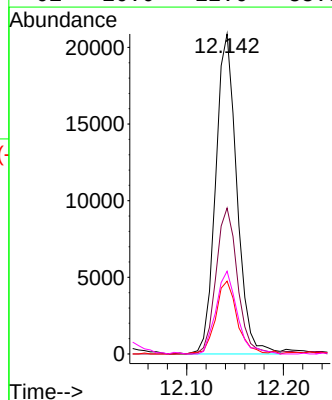
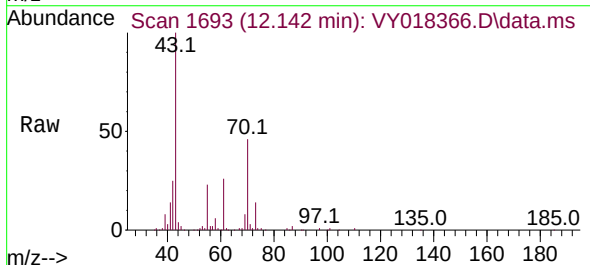


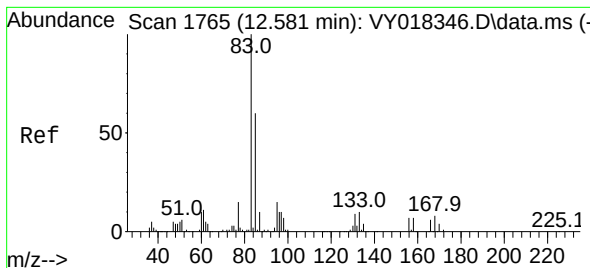
Tgt Ion:105 Resp: 137915
Ion Ratio Lower Upper
105 100
120 26.2 13.4 40.1



#74
N-ethyl acetate
Concen: 18.647 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY018366.D
Acq: 24 May 2024 15:09

Tgt Ion: 43 Resp: 31788
Ion Ratio Lower Upper
43 100
70 46.1 41.4 62.2
55 22.9 23.3 34.9#
61 26.0 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 18.283 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY018366.D

Acq: 24 May 2024 15:09

Instrument :

MSVOA_Y

ClientSampleId :

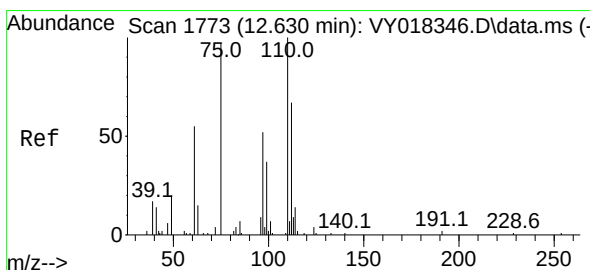
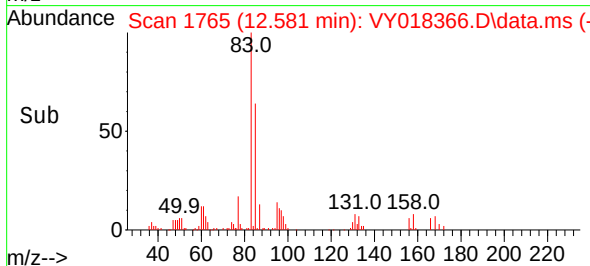
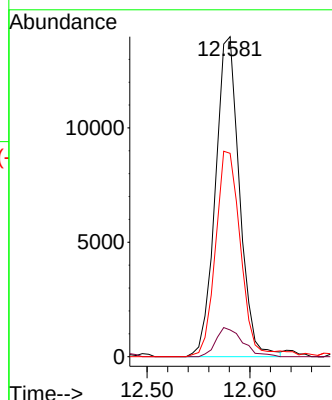
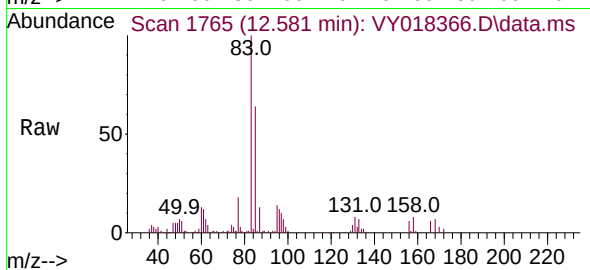
Tgt Ion: 83 Resp: 22763

Ion Ratio Lower Upper

83 100

131 10.1 5.0 14.9

85 66.0 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 36.241 ug/l

RT: 12.629 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VY018366.D

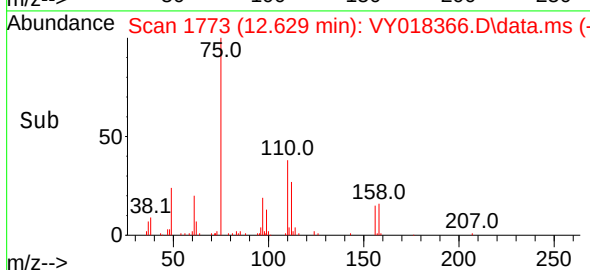
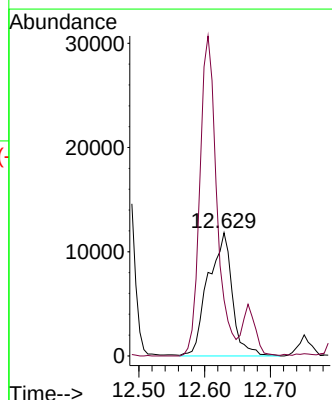
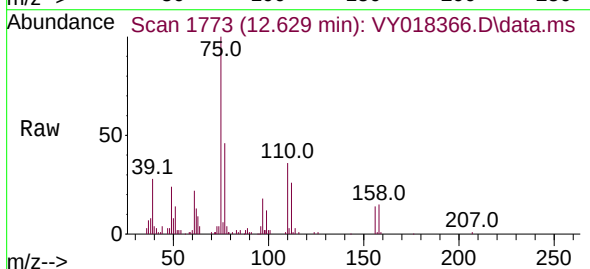
Acq: 24 May 2024 15:09

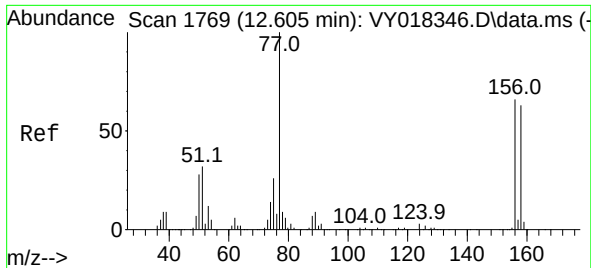
Tgt Ion: 75 Resp: 30281

Ion Ratio Lower Upper

75 100

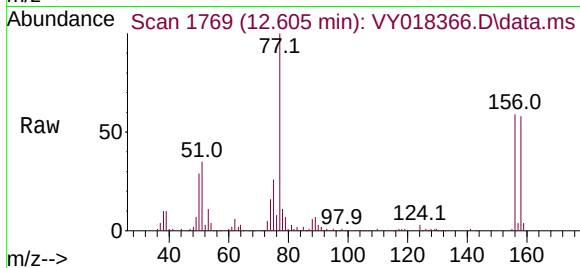
77 0.0 0.0 0.0



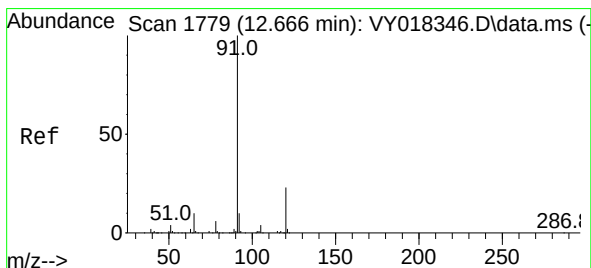
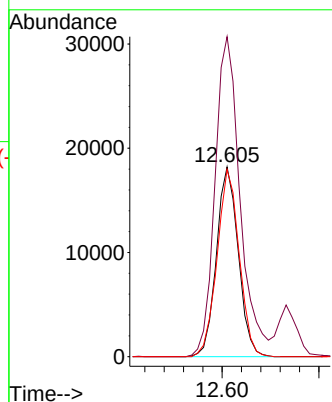
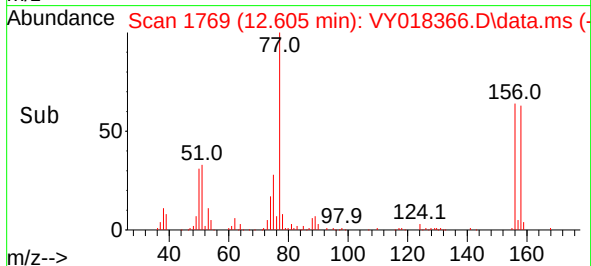


#77
Bromobenzene
Concen: 17.782 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. -0.000 min
Lab File: VY018366.D
Acq: 24 May 2024 15:09

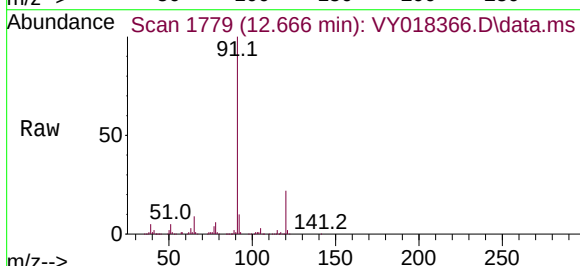
Instrument :
MSVOA_Y
ClientSampleId :



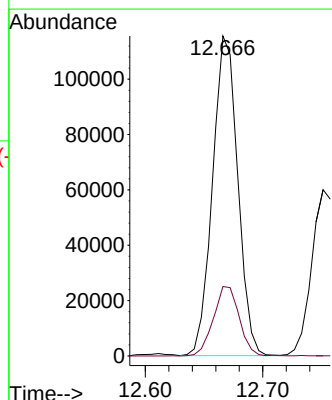
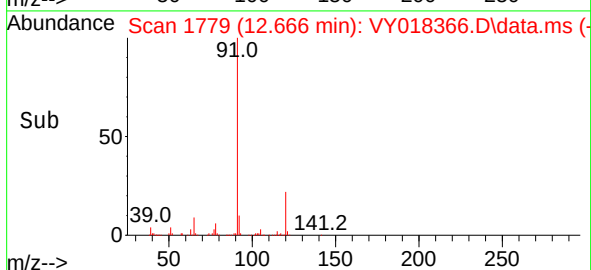
Tgt Ion:156 Resp: 28458
Ion Ratio Lower Upper
156 100
77 193.5 87.1 261.3
158 100.1 48.6 145.9

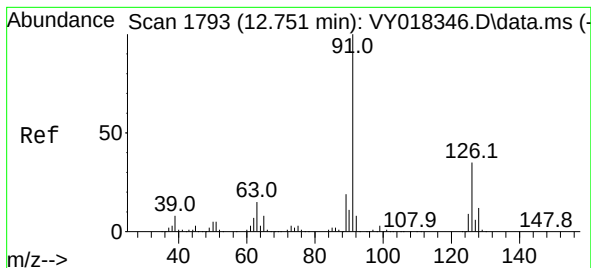


#78
n-propylbenzene
Concen: 19.669 ug/l
RT: 12.666 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VY018366.D
Acq: 24 May 2024 15:09



Tgt Ion: 91 Resp: 172087
Ion Ratio Lower Upper
91 100
120 22.3 11.5 34.4





#79

2-Chlorotoluene

Concen: 19.843 ug/l

RT: 12.751 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VY018366.D

Acq: 24 May 2024 15:09

Instrument :

MSVOA_Y

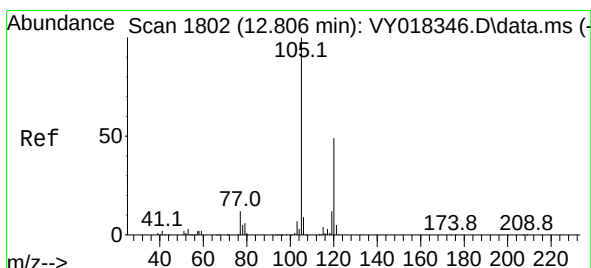
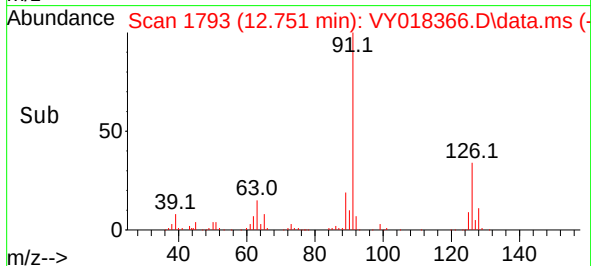
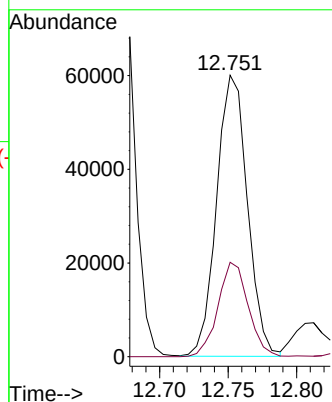
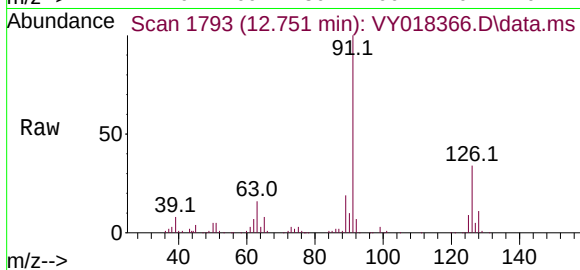
ClientSampleId :

Tgt Ion: 91 Resp: 93989

Ion Ratio Lower Upper

91 100

126 32.9 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 19.199 ug/l

RT: 12.806 min Scan# 1802

Delta R.T. -0.000 min

Lab File: VY018366.D

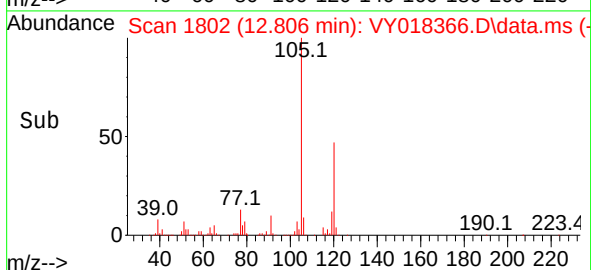
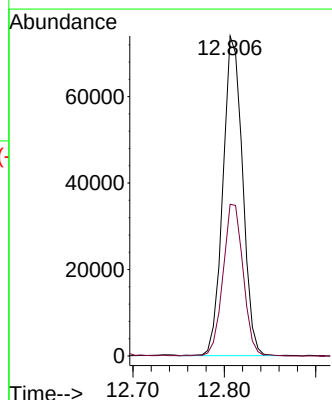
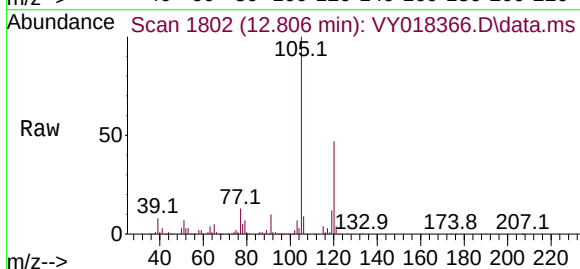
Acq: 24 May 2024 15:09

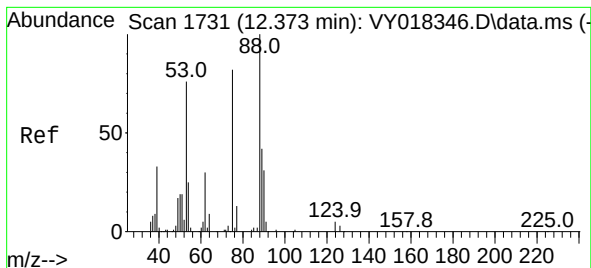
Tgt Ion:105 Resp: 110238

Ion Ratio Lower Upper

105 100

120 48.9 25.1 75.2

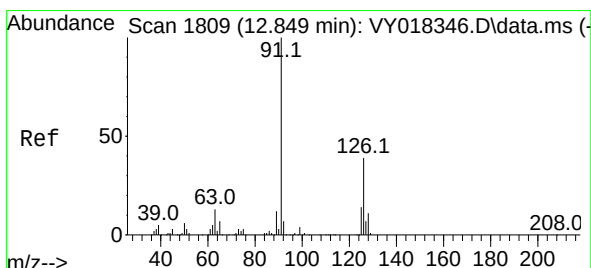
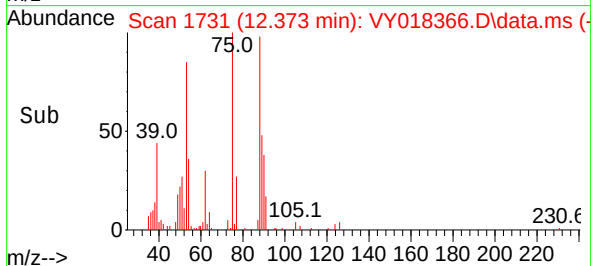
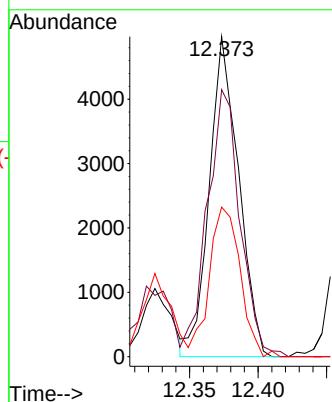
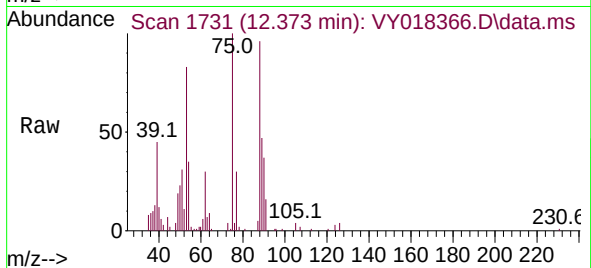




#81
trans-1,4-Dichloro-2-butene
Concen: 18.205 ug/l
RT: 12.373 min Scan# 1731
Delta R.T. -0.000 min
Lab File: VY018366.D
Acq: 24 May 2024 15:09

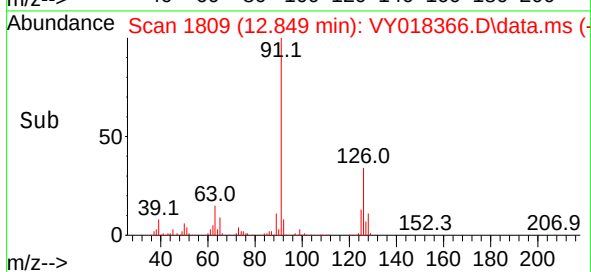
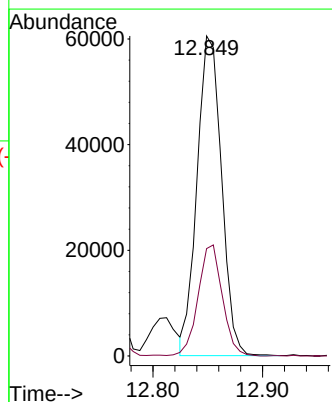
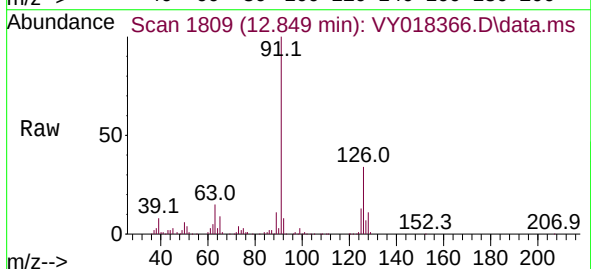
Instrument :
MSVOA_Y
ClientSampleId :

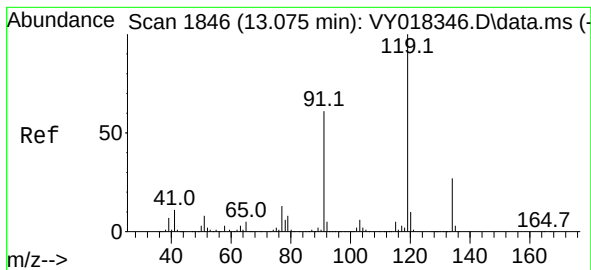
Tgt Ion: 75 Resp: 7393
Ion Ratio Lower Upper
75 100
53 92.9 66.8 100.2
89 49.0 35.8 53.6



#82
4-Chlorotoluene
Concen: 19.572 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. -0.000 min
Lab File: VY018366.D
Acq: 24 May 2024 15:09

Tgt Ion: 91 Resp: 93994
Ion Ratio Lower Upper
91 100
126 34.4 17.6 52.9





#83

tert-Butylbenzene

Concen: 19.232 ug/l

RT: 13.075 min Scan# 119

Delta R.T. -0.000 min

Lab File: VY018366.D

Acq: 24 May 2024 15:09

Instrument :

MSVOA_Y

ClientSampleId :

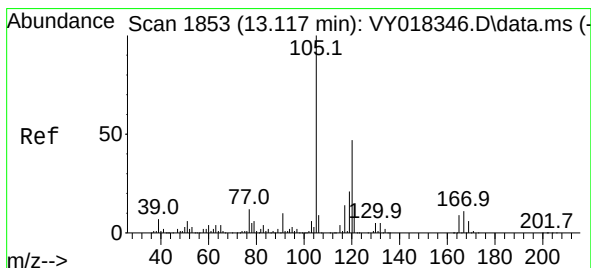
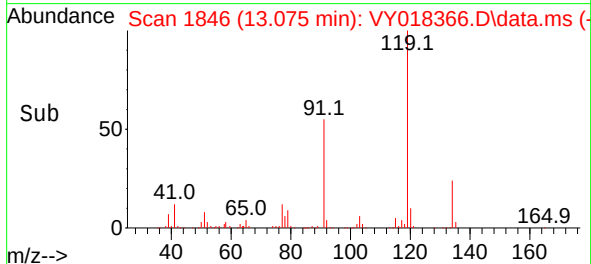
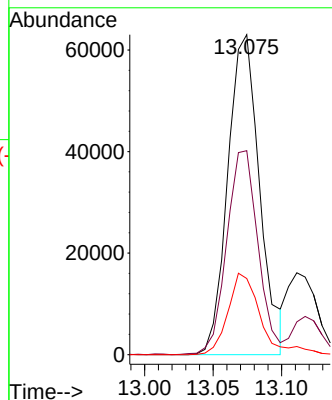
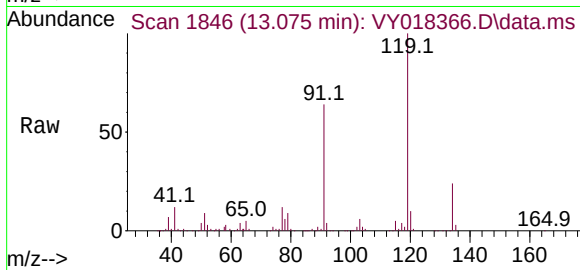
Tgt Ion:119 Resp: 102076

Ion Ratio Lower Upper

119 100

91 62.7 31.3 93.8

134 26.1 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 19.261 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. -0.000 min

Lab File: VY018366.D

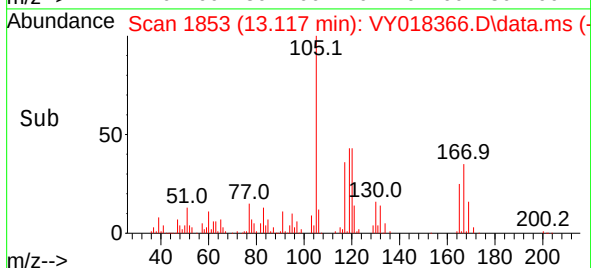
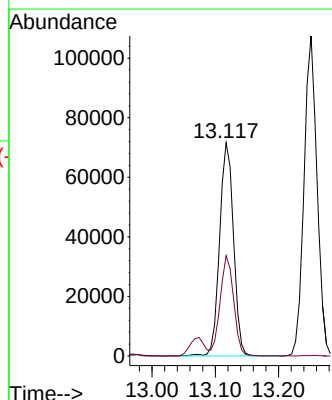
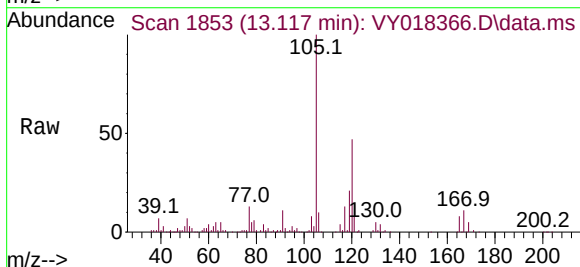
Acq: 24 May 2024 15:09

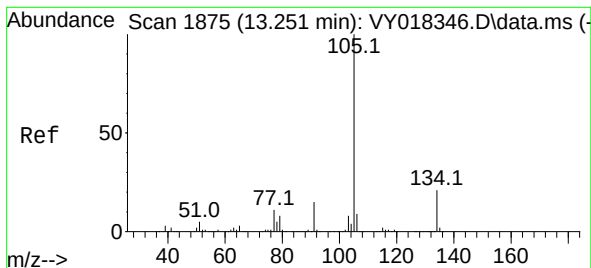
Tgt Ion:105 Resp: 108766

Ion Ratio Lower Upper

105 100

120 45.2 23.2 69.6





#85

sec-Butylbenzene

Concen: 19.458 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VY018366.D

Acq: 24 May 2024 15:09

Instrument :

MSVOA_Y

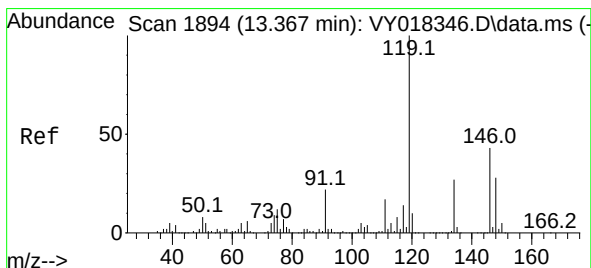
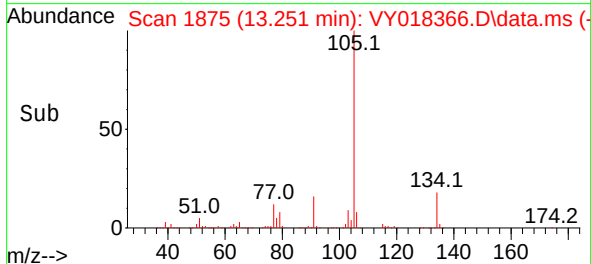
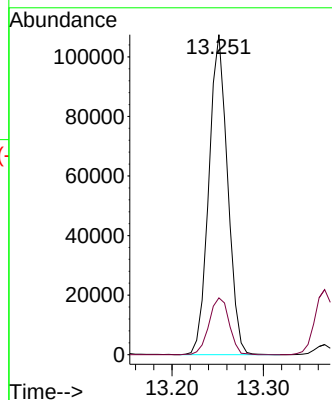
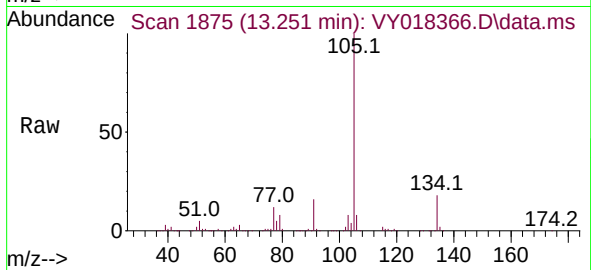
ClientSampleId :

Tgt Ion:105 Resp: 152742

Ion Ratio Lower Upper

105 100

134 19.1 10.1 30.1



#86

p-Isopropyltoluene

Concen: 19.407 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY018366.D

Acq: 24 May 2024 15:09

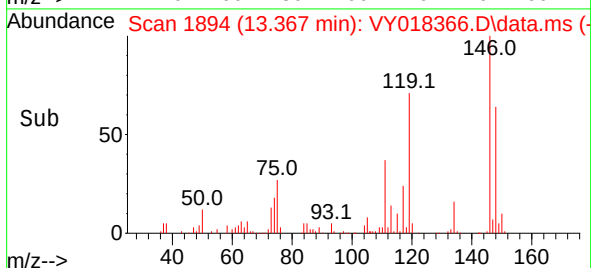
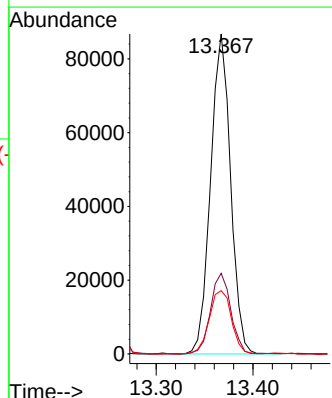
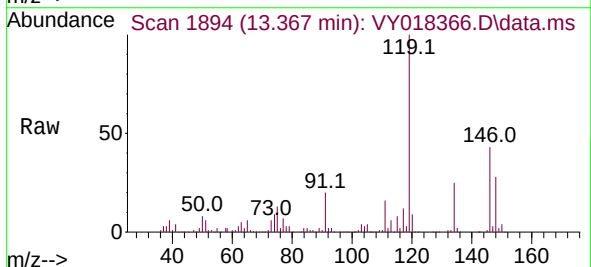
Tgt Ion:119 Resp: 124608

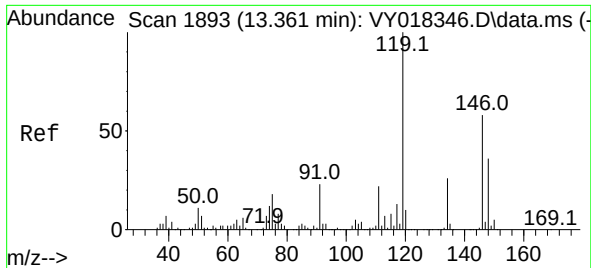
Ion Ratio Lower Upper

119 100

134 25.6 13.1 39.3

91 22.2 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 18.594 ug/l

RT: 13.367 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY018366.D

Acq: 24 May 2024 15:09

Instrument :

MSVOA_Y

ClientSampleId :

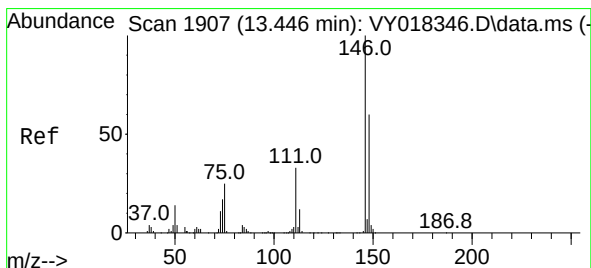
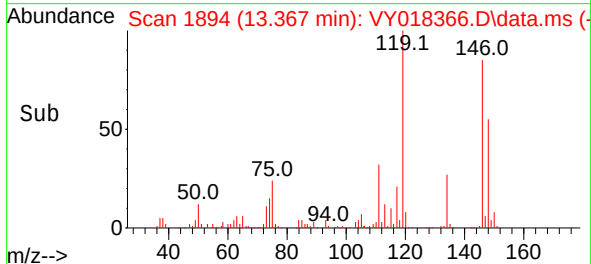
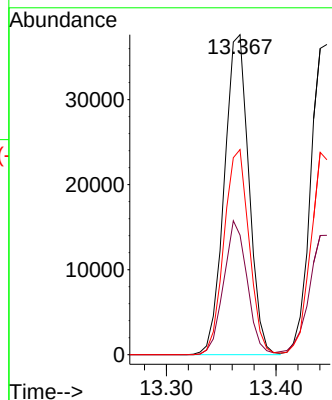
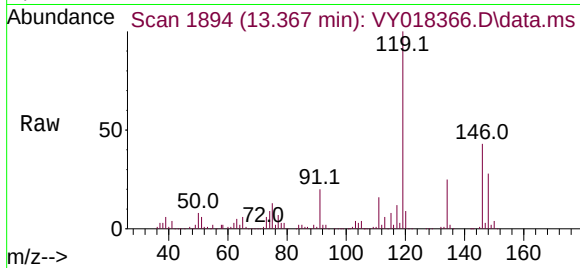
Tgt Ion:146 Resp: 58597

Ion Ratio Lower Upper

146 100

111 40.0 19.0 57.0

148 65.5 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 18.757 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY018366.D

Acq: 24 May 2024 15:09

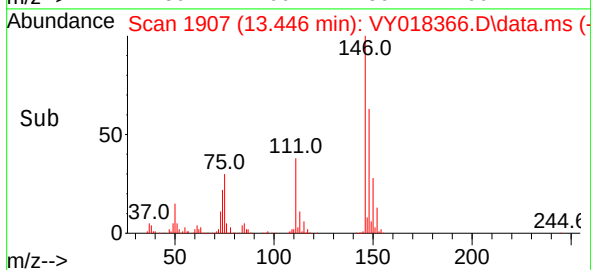
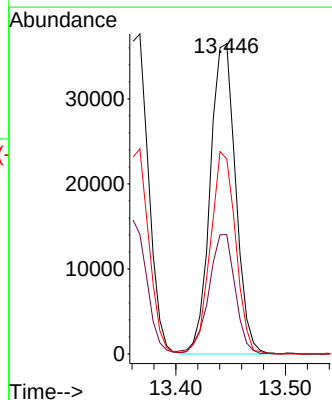
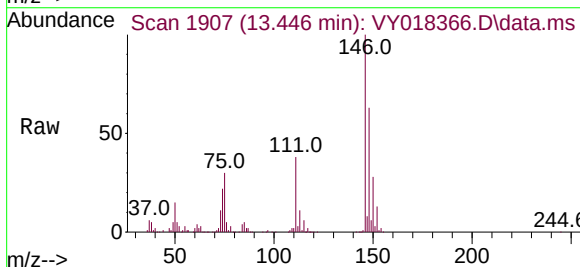
Tgt Ion:146 Resp: 58830

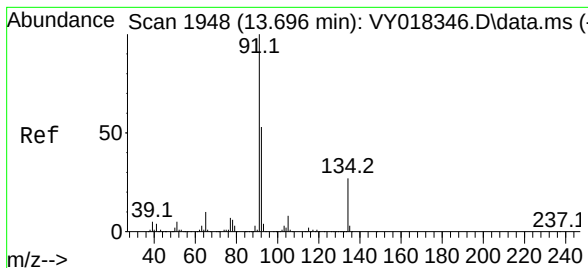
Ion Ratio Lower Upper

146 100

111 40.1 18.4 55.4

148 64.5 32.4 97.2





#89

n-Butylbenzene

Concen: 19.638 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.000 min

Lab File: VY018366.D

Acq: 24 May 2024 15:09

Instrument :

MSVOA_Y

ClientSampleId :

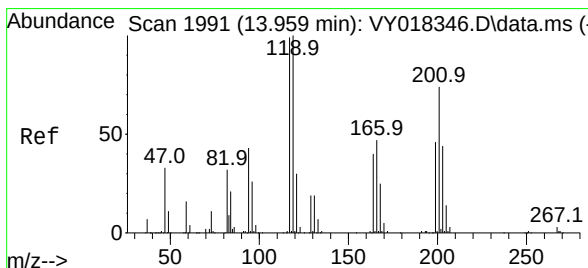
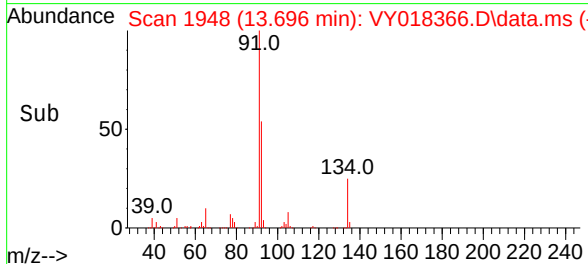
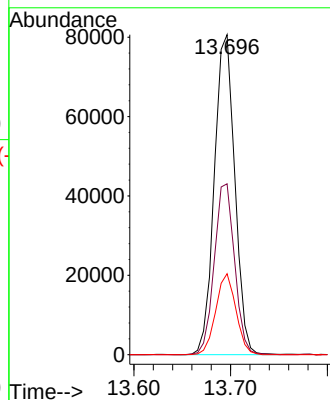
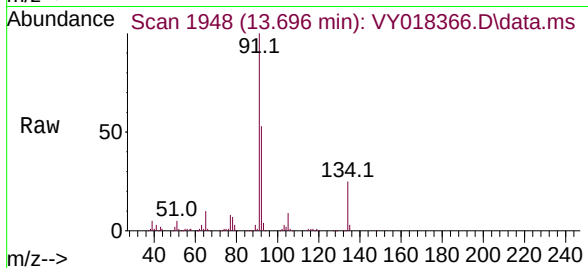
Tgt Ion: 91 Resp: 118495

Ion Ratio Lower Upper

91 100

92 53.1 26.6 79.7

134 25.0 12.9 38.7



#90

Hexachloroethane

Concen: 18.601 ug/l

RT: 13.958 min Scan# 1991

Delta R.T. -0.000 min

Lab File: VY018366.D

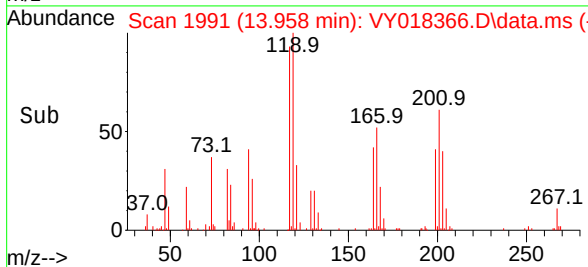
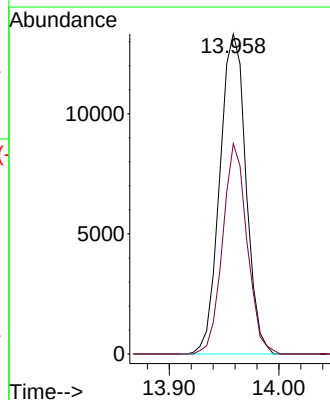
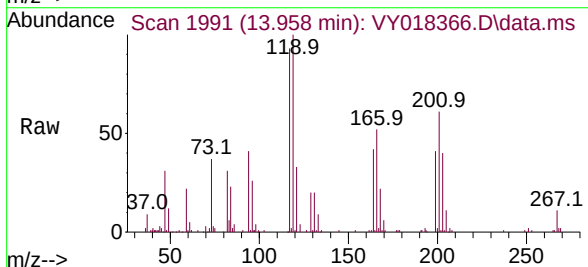
Acq: 24 May 2024 15:09

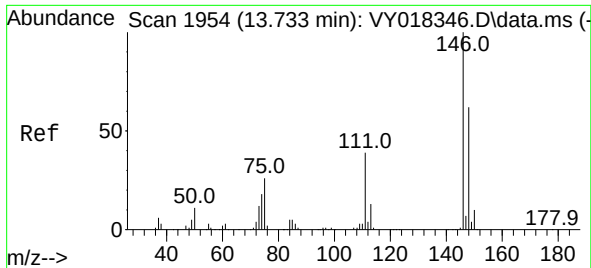
Tgt Ion: 117 Resp: 22055

Ion Ratio Lower Upper

117 100

201 61.5 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 18.762 ug/l

RT: 13.739 min Scan# 1954

Delta R.T. 0.006 min

Lab File: VY018366.D

Acq: 24 May 2024 15:09

Instrument :

MSVOA_Y

ClientSampleId :

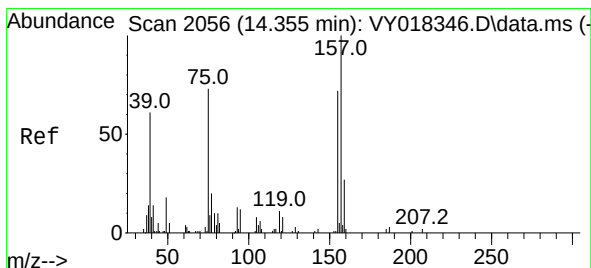
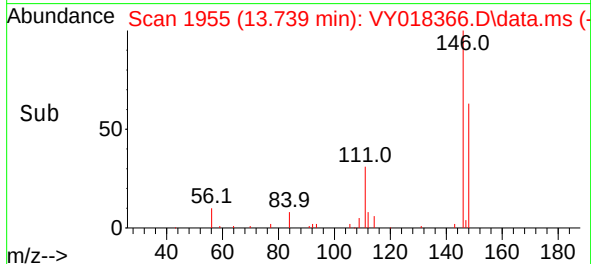
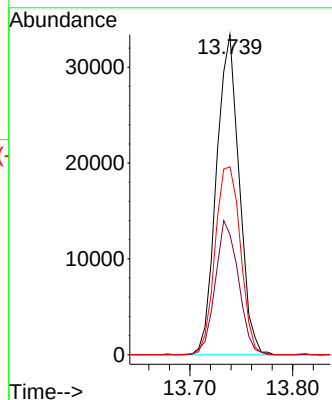
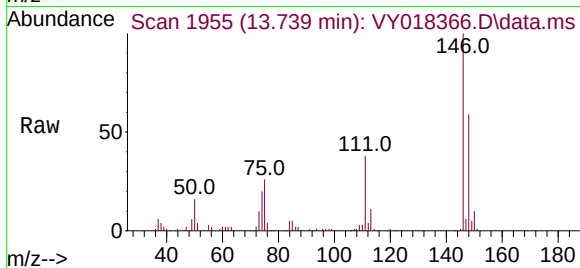
Tgt Ion:146 Resp: 51304

Ion Ratio Lower Upper

146 100

111 42.5 19.9 59.7

148 65.3 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.831 ug/l

RT: 14.349 min Scan# 2055

Delta R.T. -0.006 min

Lab File: VY018366.D

Acq: 24 May 2024 15:09

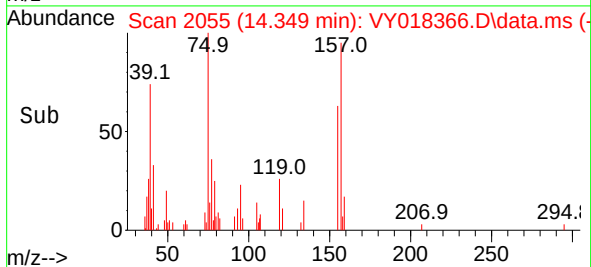
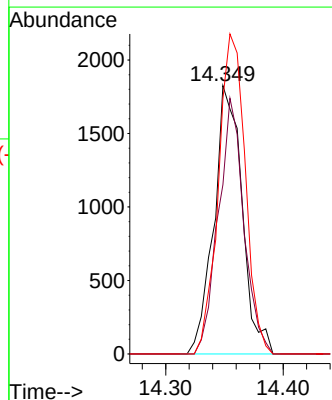
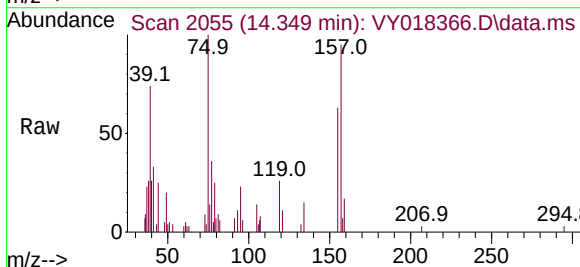
Tgt Ion: 75 Resp: 3045

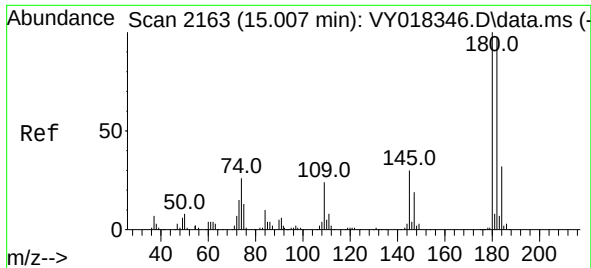
Ion Ratio Lower Upper

75 100

155 86.0 48.6 145.8

157 113.6 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 17.200 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.000 min

Lab File: VY018366.D

Acq: 24 May 2024 15:09

Instrument :

MSVOA_Y

ClientSampleId :

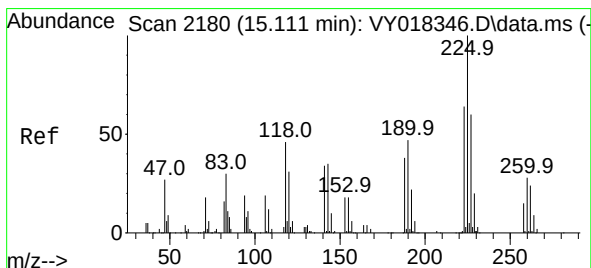
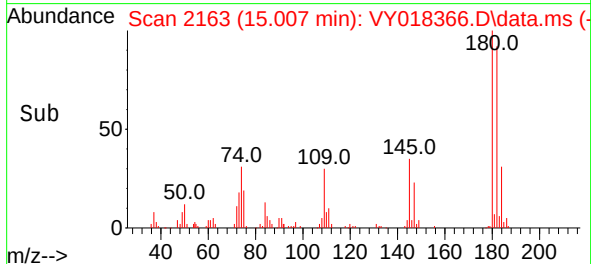
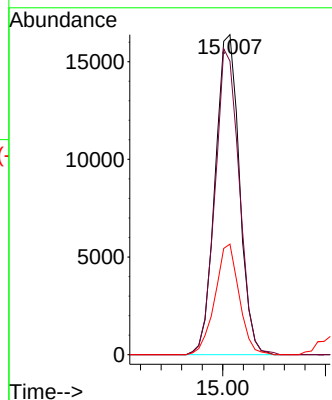
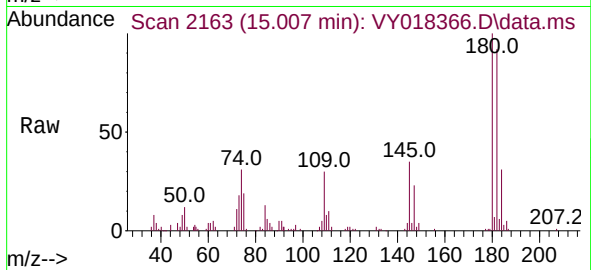
Tgt Ion:180 Resp: 26791

Ion Ratio Lower Upper

180 100

182 95.4 47.9 143.8

145 34.5 14.2 42.6



#94

Hexachlorobutadiene

Concen: 17.771 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY018366.D

Acq: 24 May 2024 15:09

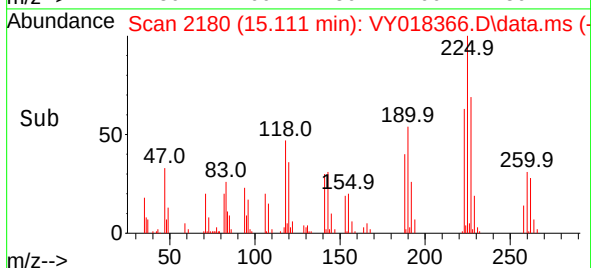
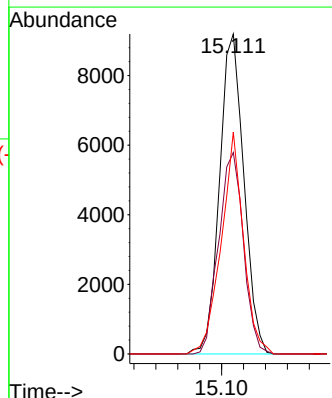
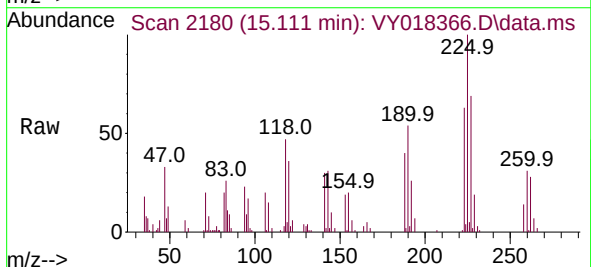
Tgt Ion:225 Resp: 14165

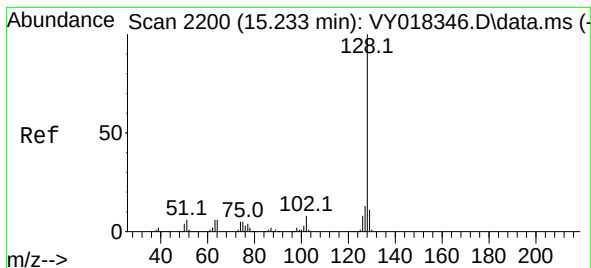
Ion Ratio Lower Upper

225 100

223 64.3 30.4 91.2

227 63.6 31.9 95.9





#95

Naphthalene

Concen: 16.895 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. -0.000 min

Lab File: VY018366.D

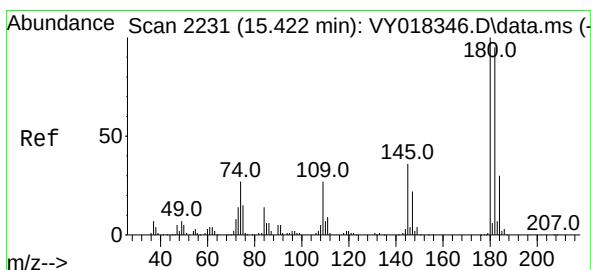
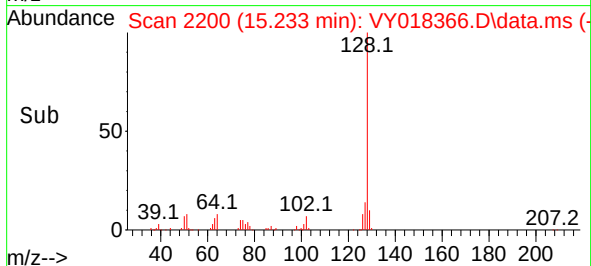
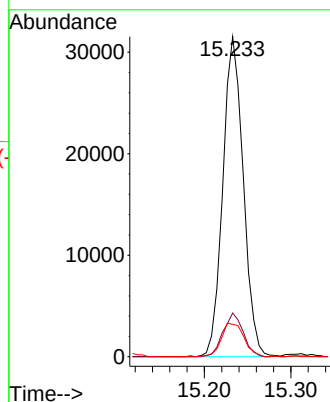
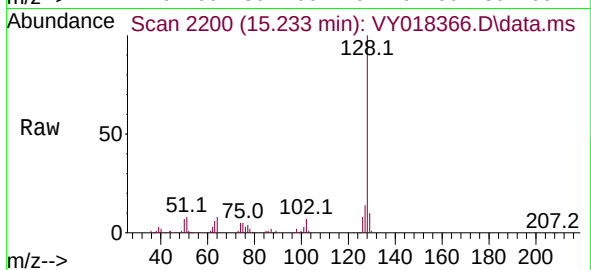
Acq: 24 May 2024 15:09

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:128	Resp:	51746
Ion Ratio	Lower	Upper
128	100	
127	13.5	10.6 16.0
129	11.5	8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 17.385 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY018366.D

Acq: 24 May 2024 15:09

Tgt Ion:180	Resp:	23021
Ion Ratio	Lower	Upper
180	100	
182	95.7	47.6 142.9
145	35.6	15.4 46.1

