

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051324\
 Data File : VY018237.D
 Acq On : 13 May 2024 12:34
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 14 02:22:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050724S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 08 01:40:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	223629	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	366697	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	314391	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	140352	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	94740	57.587	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 115.180%	
35) Dibromofluoromethane	7.710	113	108404	56.251	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.500%	
50) Toluene-d8	10.179	98	434429	57.205	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 114.420%	
62) 4-Bromofluorobenzene	12.477	95	135429	55.221	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 110.440%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	80363	45.314	ug/l	96
3) Chloromethane	2.107	50	113864	47.963	ug/l	98
4) Vinyl Chloride	2.247	62	140790	48.922	ug/l	98
5) Bromomethane	2.644	94	97725	48.896	ug/l	99
6) Chloroethane	2.790	64	89541	49.026	ug/l	100
7) Trichlorofluoromethane	3.119	101	155020	45.988	ug/l	95
8) Diethyl Ether	3.521	74	49049	44.201	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.893	101	95494	44.451	ug/l	97
10) Methyl Iodide	4.082	142	115948	46.219	ug/l	99
11) Tert butyl alcohol	4.936	59	38012	263.523	ug/l	98
12) 1,1-Dichloroethene	3.863	96	99457	45.988	ug/l	93
13) Acrolein	3.723	56	48272	301.190	ug/l	96
14) Allyl chloride	4.473	41	124239	45.157	ug/l	98
15) Acrylonitrile	5.149	53	103244	241.935	ug/l	99
16) Acetone	3.936	43	100381	305.751	ug/l	94
17) Carbon Disulfide	4.186	76	280186	47.589	ug/l	99
18) Methyl Acetate	4.460	43	40620	43.434	ug/l	98
19) Methyl tert-butyl Ether	5.210	73	221301	45.936	ug/l	100
20) Methylene Chloride	4.710	84	114710	49.432	ug/l	99
21) trans-1,2-Dichloroethene	5.210	96	104879	45.749	ug/l	97
22) Diisopropyl ether	6.112	45	268734	46.045	ug/l	94
23) Vinyl Acetate	6.051	43	864463	243.695	ug/l	99
24) 1,1-Dichloroethane	6.009	63	165528	46.048	ug/l	99
25) 2-Butanone	6.978	43	139639	266.080	ug/l	91
26) 2,2-Dichloropropane	6.972	77	149591	45.979	ug/l	98
27) cis-1,2-Dichloroethene	6.984	96	123954	45.752	ug/l	97
28) Bromochloromethane	7.326	49	70663	49.182	ug/l	97
29) Tetrahydrofuran	7.344	42	83911	242.226	ug/l	94
30) Chloroform	7.502	83	170813	45.517	ug/l	100
31) Cyclohexane	7.783	56	146454	45.569	ug/l	96
32) 1,1,1-Trichloroethane	7.698	97	153588	45.662	ug/l	99
36) 1,1-Dichloropropene	7.911	75	127237	46.055	ug/l	98
37) Ethyl Acetate	7.070	43	58667	50.453	ug/l #	96
38) Carbon Tetrachloride	7.893	117	139433	46.189	ug/l	99
39) Methylcyclohexane	9.179	83	181396	45.512	ug/l	97
40) Benzene	8.155	78	406775	45.774	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	24410	36.353	ug/l #	84
42) 1,2-Dichloroethane	8.234	62	92882	48.037	ug/l	98
43) Isopropyl Acetate	8.271	43	113757	47.728	ug/l	94
44) Trichloroethene	8.935	130	109875	45.419	ug/l	96
45) 1,2-Dichloropropane	9.209	63	87761	45.172	ug/l	97
46) Dibromomethane	9.307	93	51757	46.340	ug/l	99
47) Bromodichloromethane	9.496	83	126510	45.817	ug/l	98
48) Methyl methacrylate	9.289	41	52425	47.992	ug/l	90
49) 1,4-Dioxane	9.295	88	14067	948.838	ug/l #	99
51) 4-Methyl-2-Pentanone	10.069	43	289249	241.457	ug/l	96
52) Toluene	10.240	92	261996	45.795	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	119999	46.527	ug/l	96
54) cis-1,3-Dichloropropene	9.929	75	145488	46.148	ug/l	92
55) 1,1,2-Trichloroethane	10.642	97	71430	46.555	ug/l	98
56) Ethyl methacrylate	10.508	69	97347	46.716	ug/l #	88
57) 1,3-Dichloropropane	10.788	76	115690	46.329	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	227120	228.255	ug/l	95
59) 2-Hexanone	10.831	43	215951	257.820	ug/l	93
60) Dibromochloromethane	10.984	129	91346	45.888	ug/l	100
61) 1,2-Dibromoethane	11.087	107	66920	46.306	ug/l	98
64) Tetrachloroethene	10.721	164	94542	45.165	ug/l	99
65) Chlorobenzene	11.514	112	287968	44.973	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	93288	45.041	ug/l	99
67) Ethyl Benzene	11.593	91	490017	45.325	ug/l	95
68) m/p-Xylenes	11.703	106	388580	90.888	ug/l	97
69) o-Xylene	12.026	106	183934	44.830	ug/l	96
70) Styrene	12.044	104	309328	45.145	ug/l	97
71) Bromoform	12.209	173	52333	45.666	ug/l #	97
73) Isopropylbenzene	12.331	105	471684	44.824	ug/l	98
74) N-amyl acetate	12.142	43	104239	47.719	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.581	83	77476	46.154	ug/l	98
76) 1,2,3-Trichloropropane	12.630	75	96130	85.569	ug/l #	100
77) Bromobenzene	12.605	156	108220	44.766	ug/l	95
78) n-propylbenzene	12.672	91	557206	45.524	ug/l	97
79) 2-Chlorotoluene	12.758	91	302423	44.464	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	375811	45.291	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	27739	47.572	ug/l	98
82) 4-Chlorotoluene	12.855	91	310724	45.481	ug/l	97
83) tert-Butylbenzene	13.075	119	347790	45.441	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	368423	45.327	ug/l	98
85) sec-Butylbenzene	13.251	105	510408	45.464	ug/l	98
86) p-Isopropyltoluene	13.367	119	420549	45.535	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	210220	45.028	ug/l	100
88) 1,4-Dichlorobenzene	13.447	146	206222	45.311	ug/l	99
89) n-Butylbenzene	13.696	91	391012	46.781	ug/l	98
90) Hexachloroethane	13.959	117	81502	44.982	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	183690	45.776	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	10920	47.775	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	107359	47.590	ug/l	99
94) Hexachlorobutadiene	15.111	225	60083	48.272	ug/l	98
95) Naphthalene	15.233	128	201396	48.720	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	92592	50.014	ug/l	97

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QLast Update : Wed May 08 01:40:14 2024
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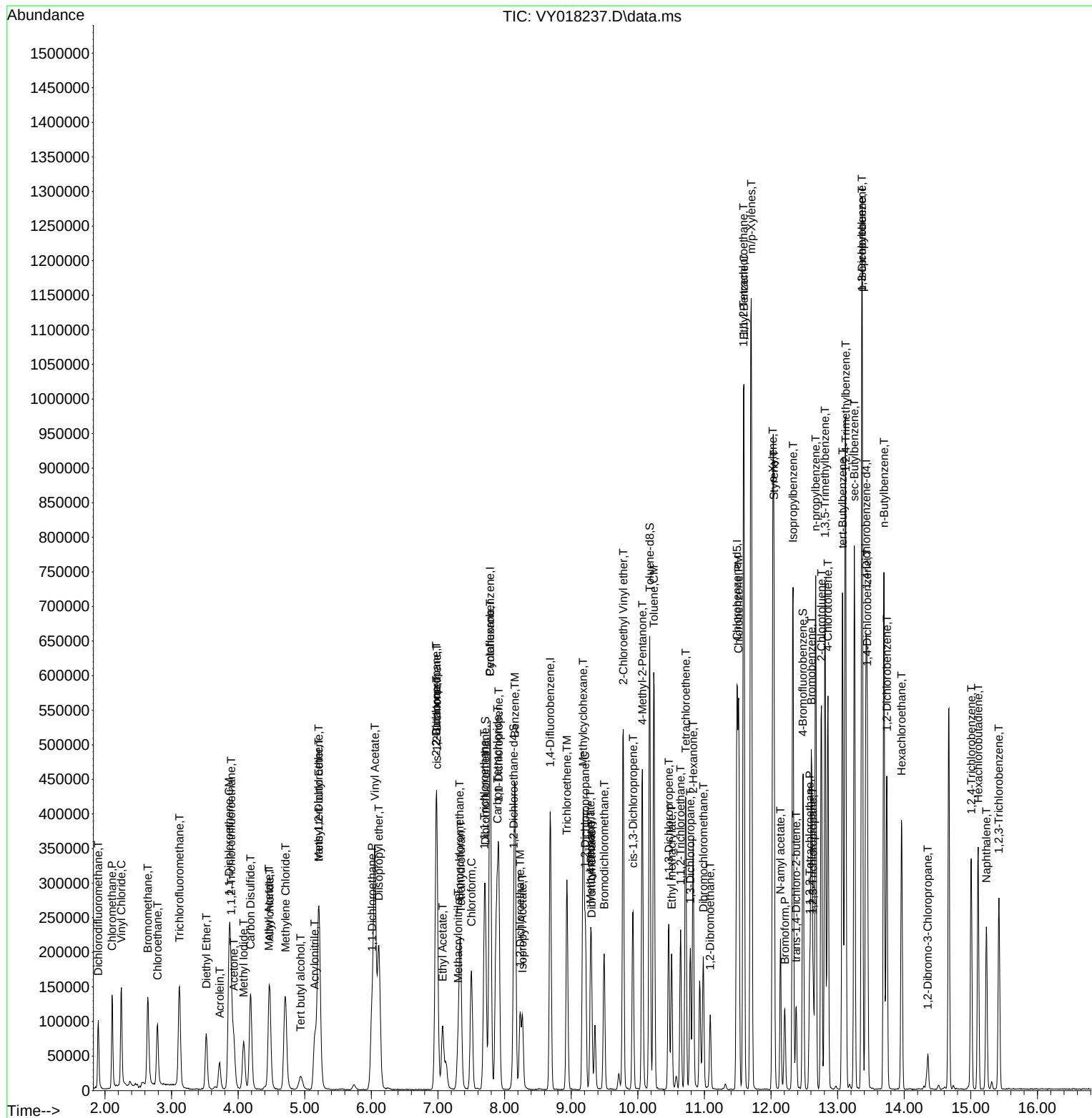
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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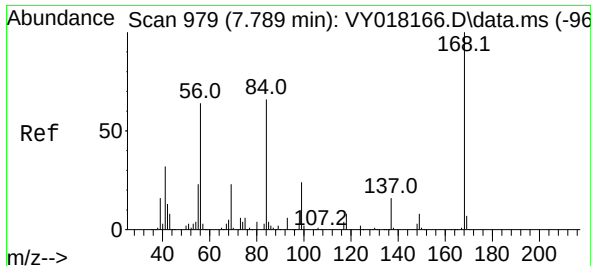
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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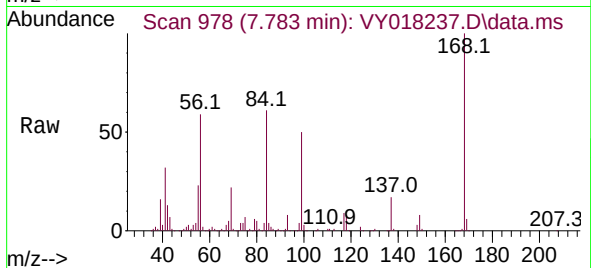
Quant Time: May 14 02:22:10 2024
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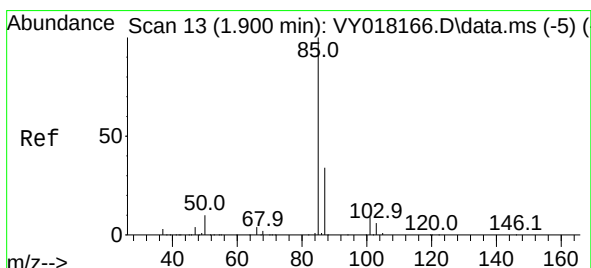
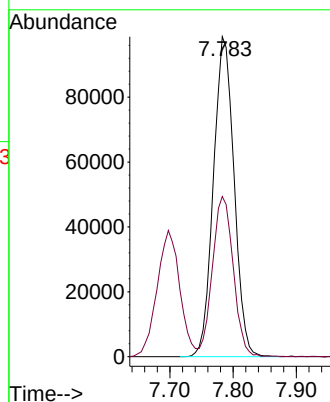
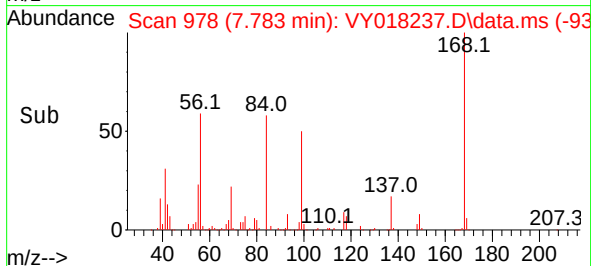


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018237.D
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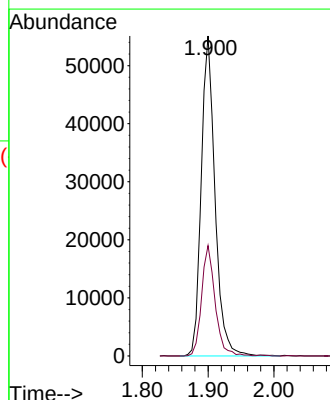
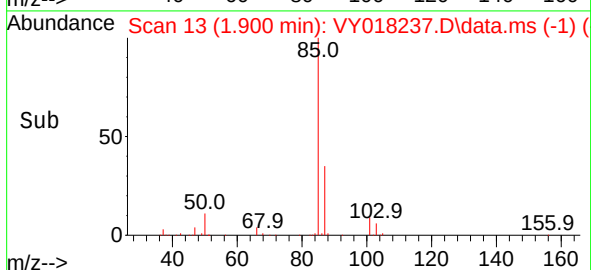
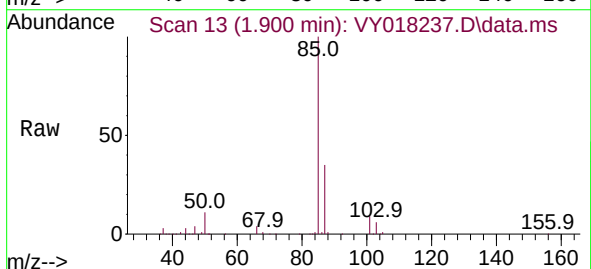


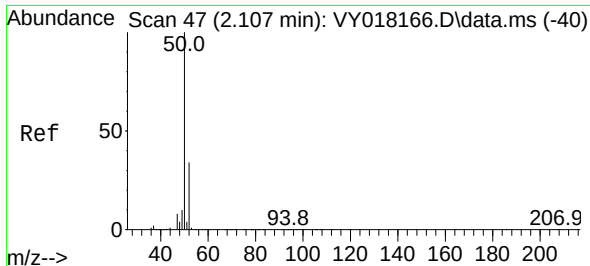
Tgt Ion:168 Resp: 223629
Ion Ratio Lower Upper
168 100
99 49.9 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 45.314 ug/l
RT: 1.900 min Scan# 13
Delta R.T. 0.000 min
Lab File: VY018237.D
Acq: 13 May 2024 12:34

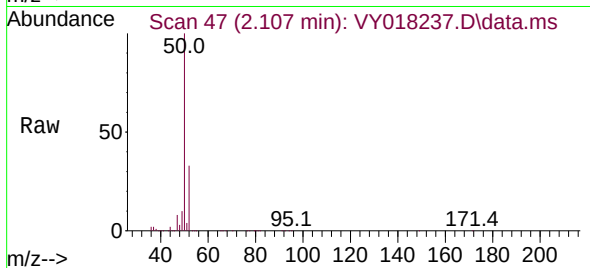
Tgt Ion: 85 Resp: 80363
Ion Ratio Lower Upper
85 100
87 34.5 16.0 48.0



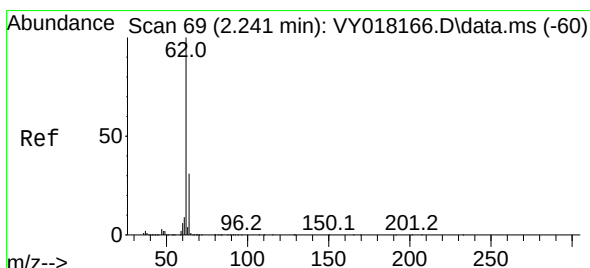
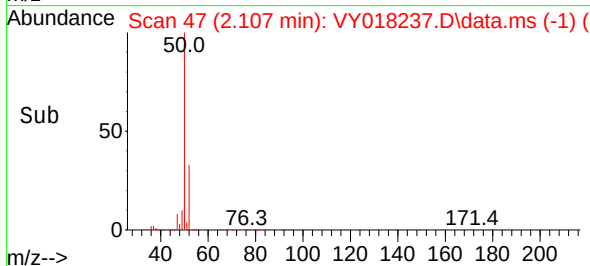
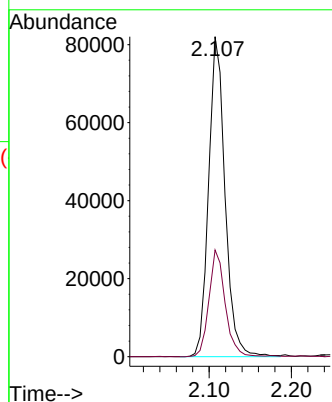


#3
Chloromethane
Concen: 47.963 ug/l
RT: 2.107 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY018237.D
Acq: 13 May 2024 12:34

Instrument :
MSVOA_Y
ClientSampleId :

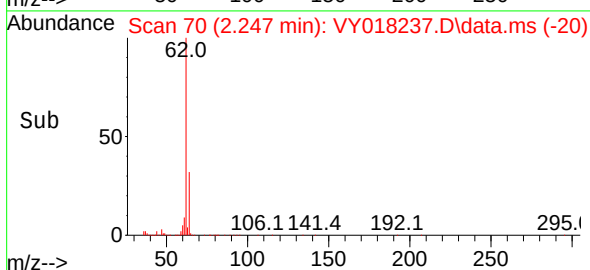
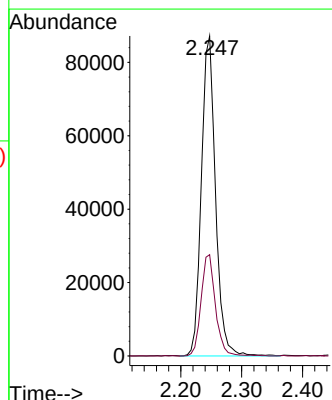
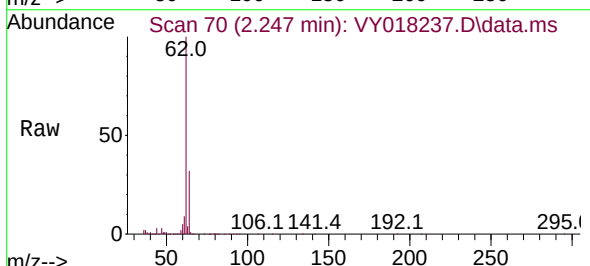


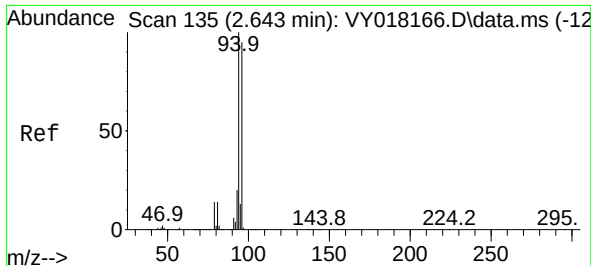
Tgt Ion: 50 Resp: 113864
Ion Ratio Lower Upper
50 100
52 33.4 25.6 38.4



#4
Vinyl Chloride
Concen: 48.922 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.006 min
Lab File: VY018237.D
Acq: 13 May 2024 12:34

Tgt Ion: 62 Resp: 140790
Ion Ratio Lower Upper
62 100
64 31.6 26.1 39.1





#5

Bromomethane

Concen: 48.896 ug/l

RT: 2.644 min Scan# 14

Delta R.T. 0.000 min

Lab File: VY018237.D

Acq: 13 May 2024 12:34

Instrument :

MSVOA_Y

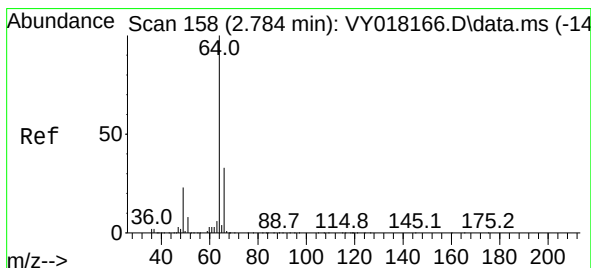
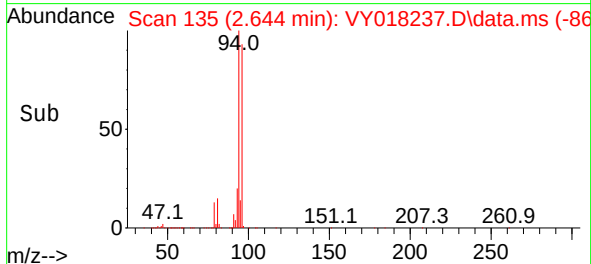
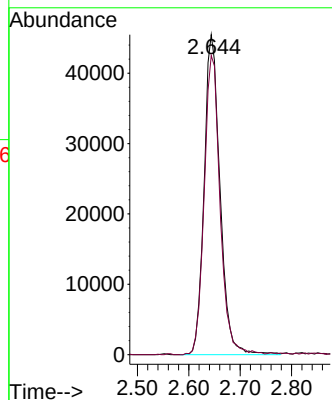
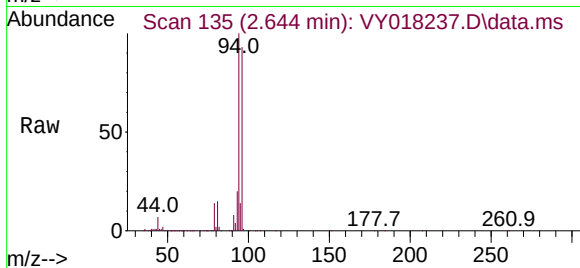
ClientSampleId :

Tgt Ion: 94 Resp: 97725

Ion Ratio Lower Upper

94 100

96 93.5 74.1 111.1



#6

Chloroethane

Concen: 49.026 ug/l

RT: 2.790 min Scan# 159

Delta R.T. 0.006 min

Lab File: VY018237.D

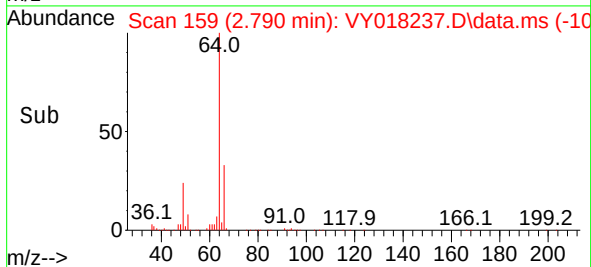
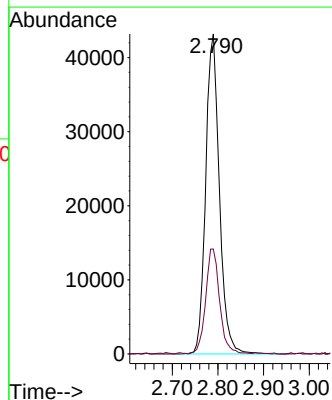
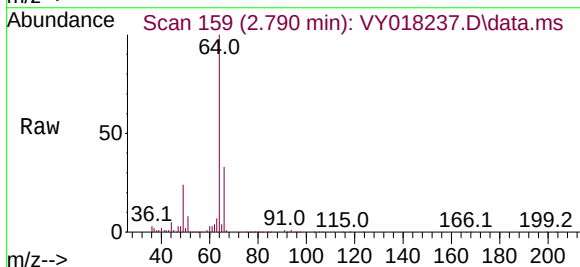
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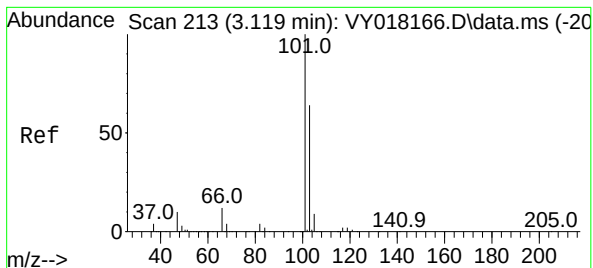
Tgt Ion: 64 Resp: 89541

Ion Ratio Lower Upper

64 100

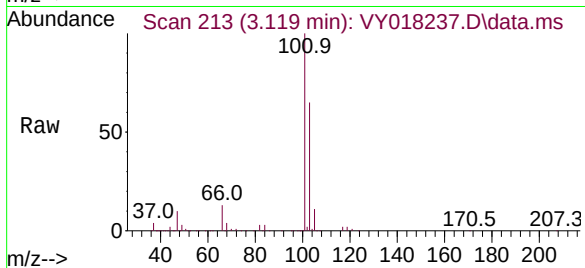
66 32.8 26.1 39.1



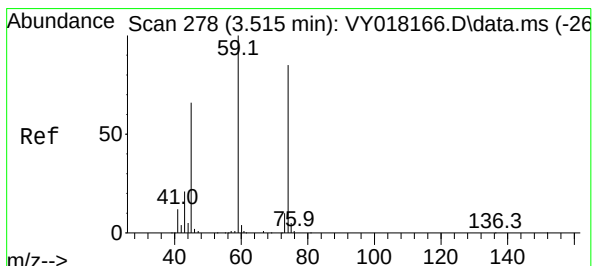
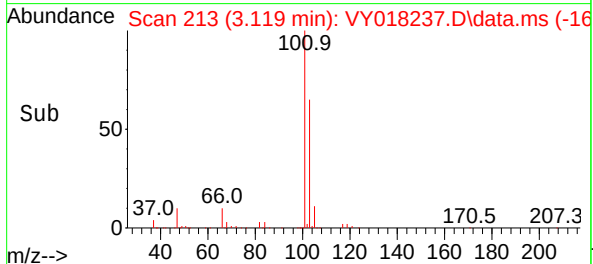
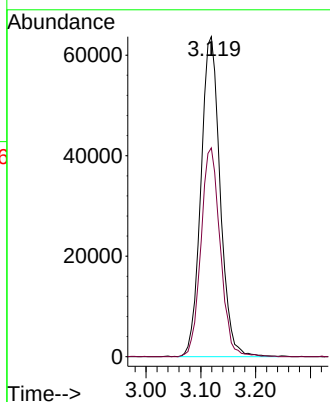


#7
 Trichlorofluoromethane
 Concen: 45.988 ug/l
 RT: 3.119 min Scan# 213
 Delta R.T. 0.000 min
 Lab File: VY018237.D
 Acq: 13 May 2024 12:34

Instrument :
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 ClientSampleId :

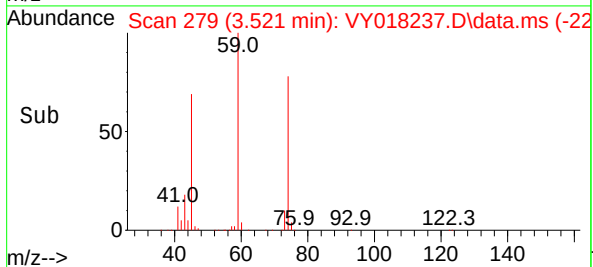
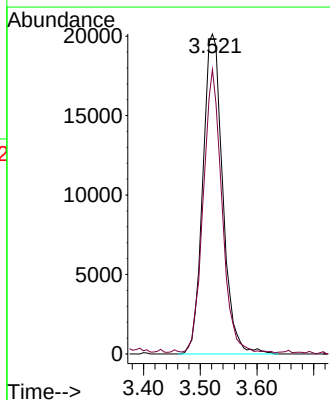
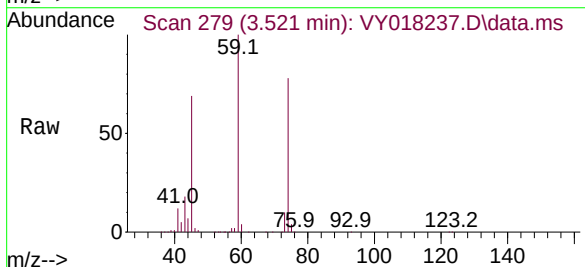


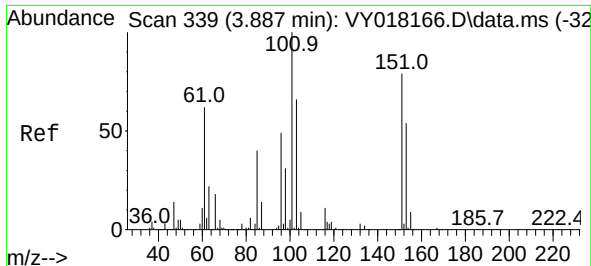
Tgt Ion: 101 Resp: 155020
 Ion Ratio Lower Upper
 101 100
 103 65.3 49.3 73.9



#8
 Diethyl Ether
 Concen: 44.201 ug/l
 RT: 3.521 min Scan# 279
 Delta R.T. 0.006 min
 Lab File: VY018237.D
 Acq: 13 May 2024 12:34

Tgt Ion: 74 Resp: 49049
 Ion Ratio Lower Upper
 74 100
 45 83.5 41.3 124.1

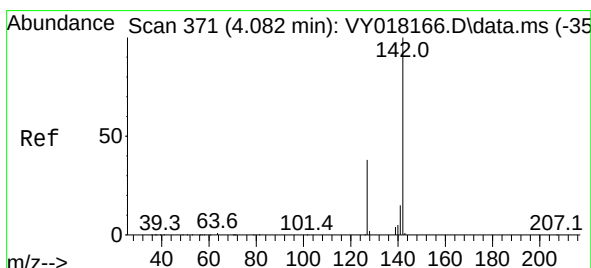
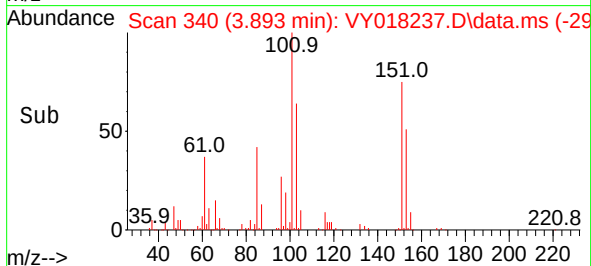
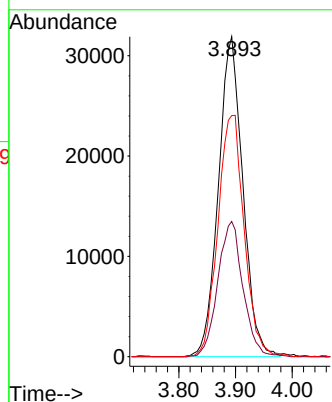
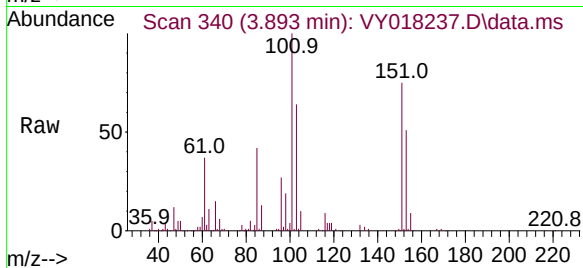




#9
1,1,2-Trichlorotrifluoroethane
Concen: 44.451 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY018237.D
Acq: 13 May 2024 12:34

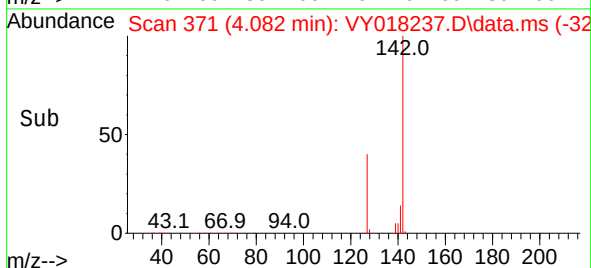
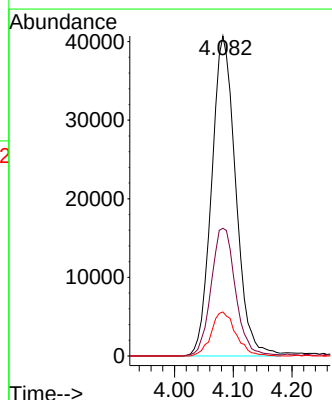
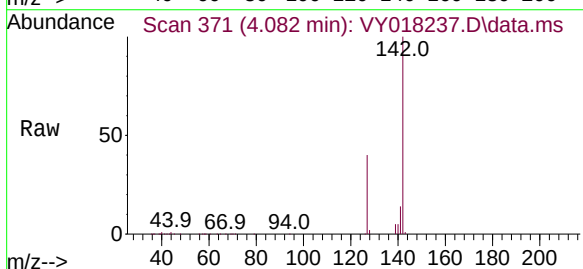
Instrument :
MSVOA_Y
ClientSampleId :

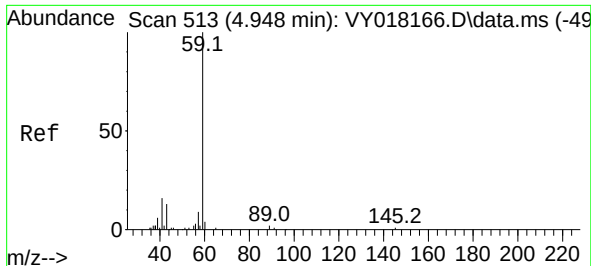
Tgt Ion:101 Resp: 95494
Ion Ratio Lower Upper
101 100
85 43.5 34.5 51.7
151 81.0 61.7 92.5



#10
Methyl Iodide
Concen: 46.219 ug/l
RT: 4.082 min Scan# 371
Delta R.T. 0.000 min
Lab File: VY018237.D
Acq: 13 May 2024 12:34

Tgt Ion:142 Resp: 115948
Ion Ratio Lower Upper
142 100
127 40.6 32.8 49.2
141 14.0 11.4 17.2





#11

Tert butyl alcohol

Concen: 263.523 ug/l

RT: 4.936 min Scan# 511

Delta R.T. -0.012 min

Lab File: VY018237.D

Acq: 13 May 2024 12:34

Instrument :

MSVOA_Y

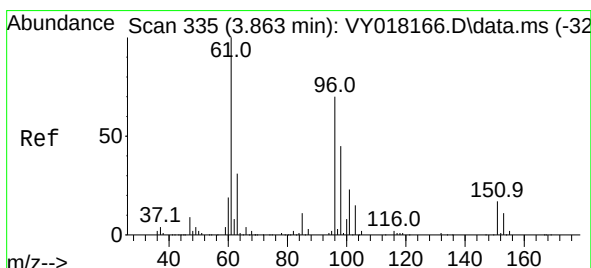
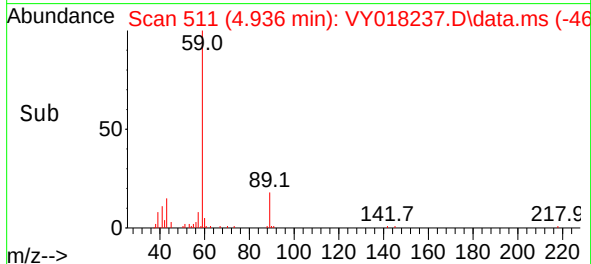
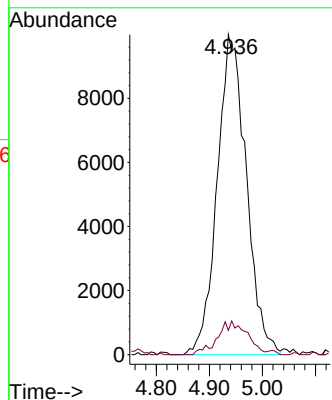
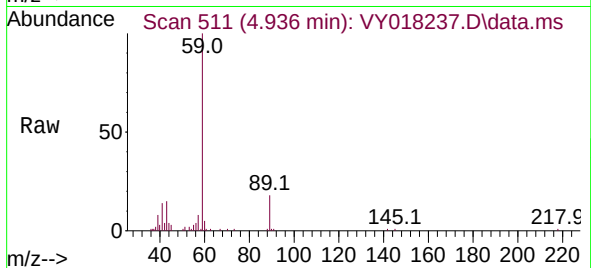
ClientSampleId :

Tgt Ion: 59 Resp: 38012

Ion Ratio Lower Upper

59 100

57 4.5 3.0 4.6



#12

1,1-Dichloroethene

Concen: 45.988 ug/l

RT: 3.863 min Scan# 335

Delta R.T. 0.000 min

Lab File: VY018237.D

Acq: 13 May 2024 12:34

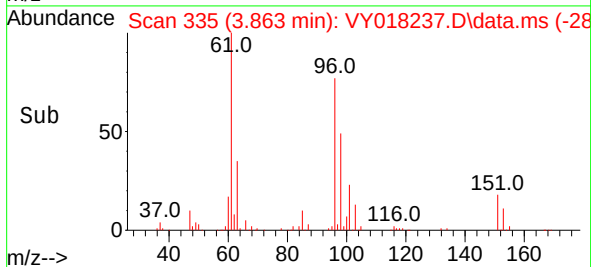
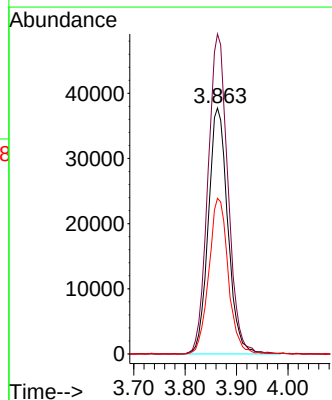
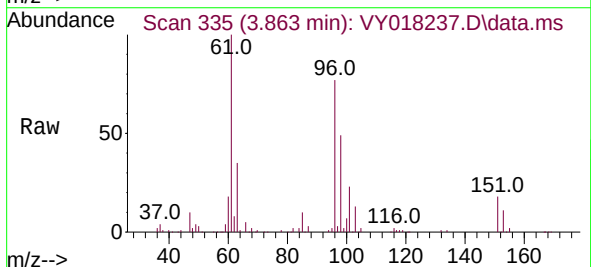
Tgt Ion: 96 Resp: 99457

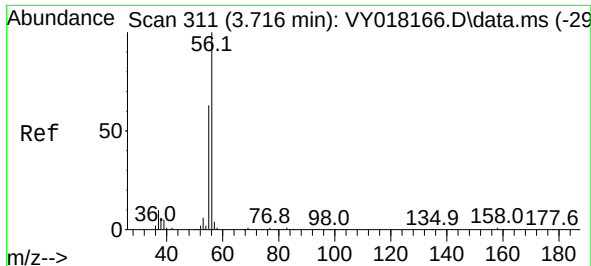
Ion Ratio Lower Upper

96 100

61 130.1 114.6 171.8

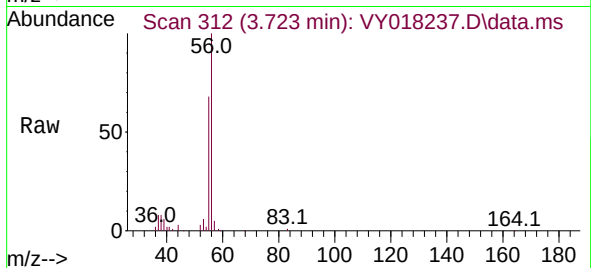
98 63.3 50.8 76.2



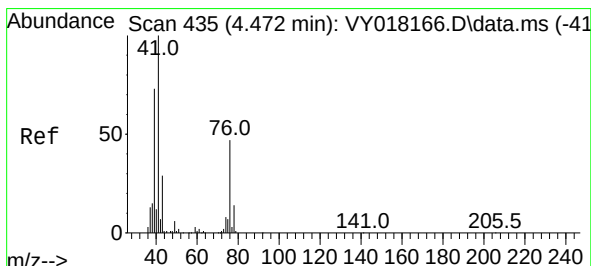
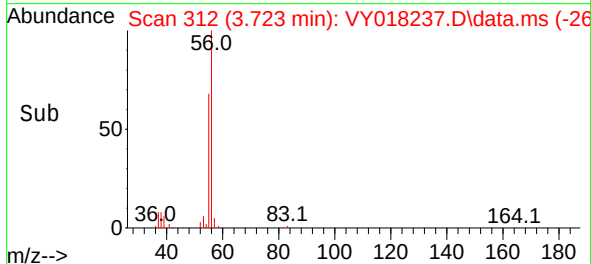
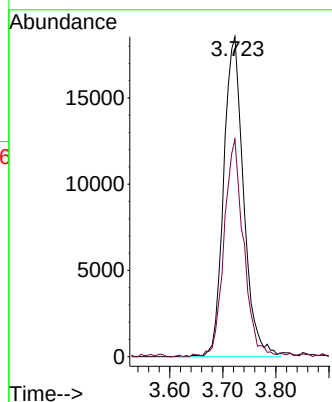


#13
Acrolein
Concen: 301.190 ug/l
RT: 3.723 min Scan# 311
Delta R.T. 0.007 min
Lab File: VY018237.D
Acq: 13 May 2024 12:34

Instrument :
MSVOA_Y
ClientSampleId :

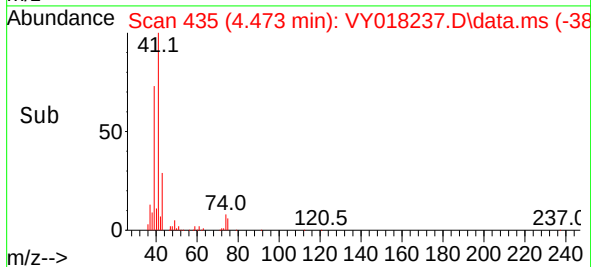
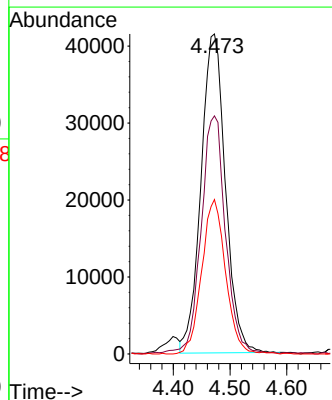
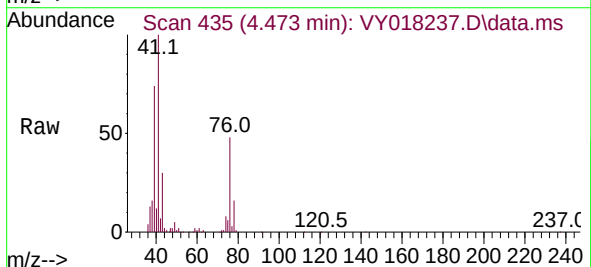


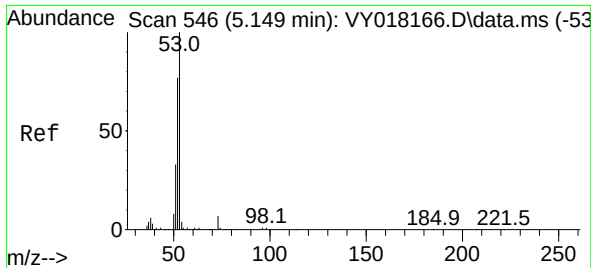
Tgt Ion: 56 Resp: 48272
Ion Ratio Lower Upper
56 100
55 66.7 55.7 83.5



#14
Allyl chloride
Concen: 45.157 ug/l
RT: 4.473 min Scan# 435
Delta R.T. 0.000 min
Lab File: VY018237.D
Acq: 13 May 2024 12:34

Tgt Ion: 41 Resp: 124239
Ion Ratio Lower Upper
41 100
39 74.9 58.3 87.5
76 47.1 39.0 58.6





#15

Acrylonitrile

Concen: 241.935 ug/l

RT: 5.149 min Scan# 546

Delta R.T. 0.000 min

Lab File: VY018237.D

Acq: 13 May 2024 12:34

Instrument :

MSVOA_Y

ClientSampleId :

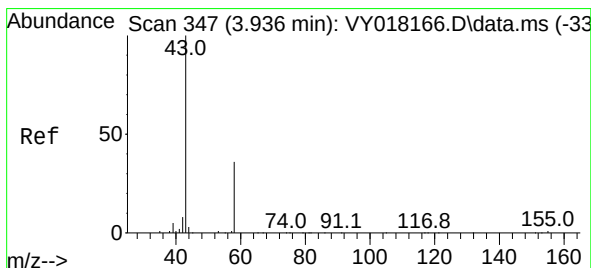
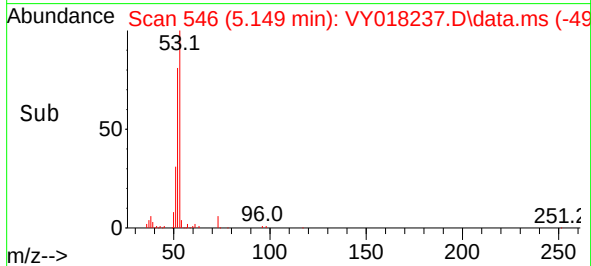
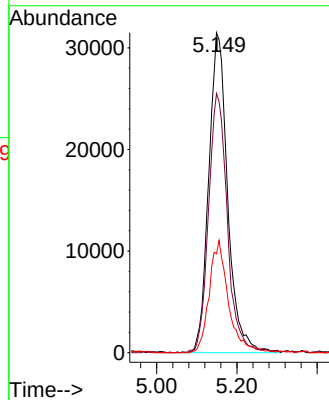
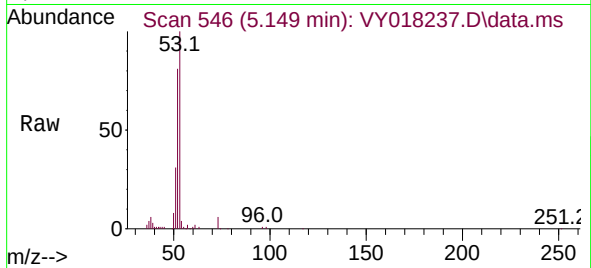
Tgt Ion: 53 Resp: 103244

Ion Ratio Lower Upper

53 100

52 80.1 64.7 97.1

51 35.6 28.4 42.6



#16

Acetone

Concen: 305.751 ug/l

RT: 3.936 min Scan# 347

Delta R.T. 0.000 min

Lab File: VY018237.D

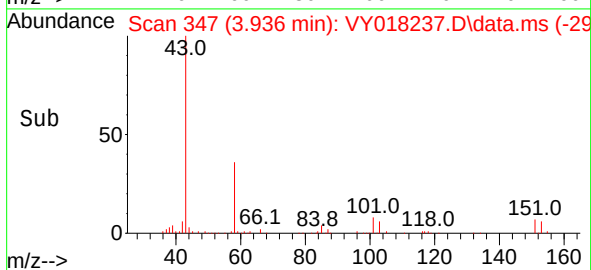
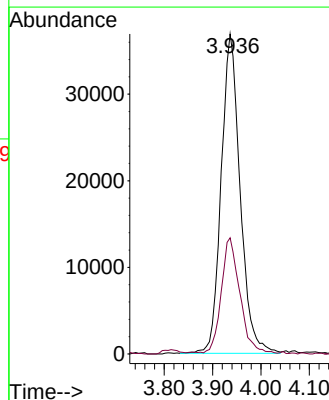
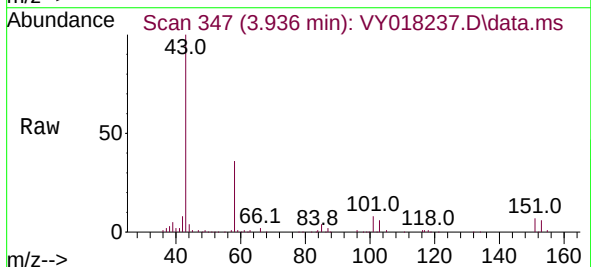
Acq: 13 May 2024 12:34

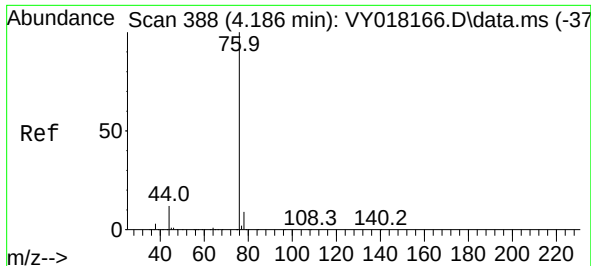
Tgt Ion: 43 Resp: 100381

Ion Ratio Lower Upper

43 100

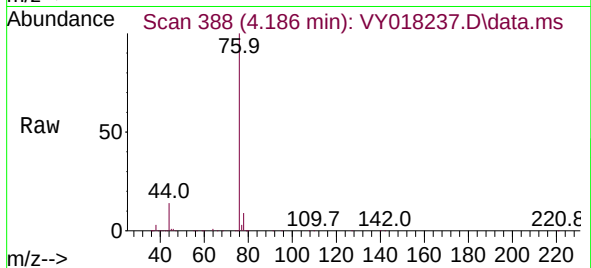
58 36.0 31.7 47.5



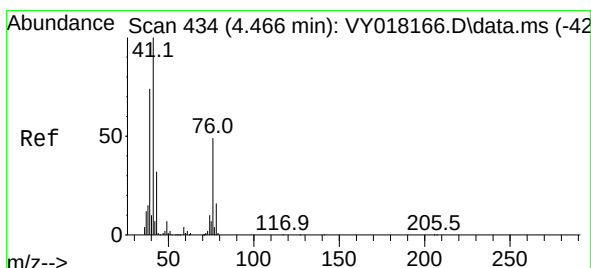
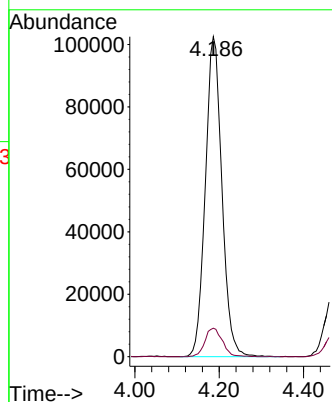
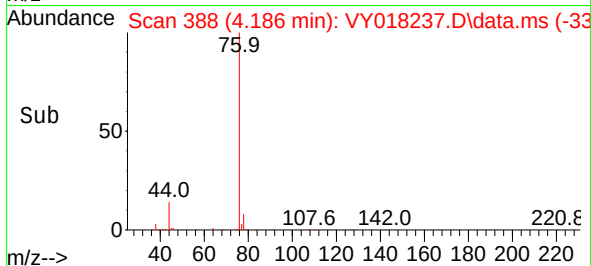


#17
Carbon Disulfide
Concen: 47.589 ug/l
RT: 4.186 min Scan# 388
Delta R.T. 0.000 min
Lab File: VY018237.D
Acq: 13 May 2024 12:34

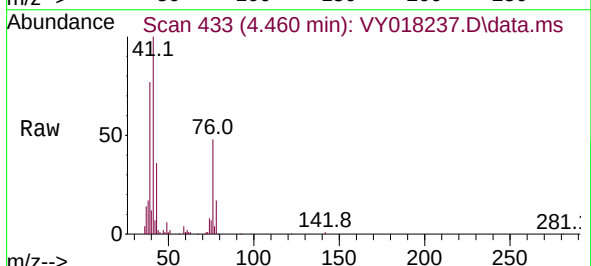
Instrument :
MSVOA_Y
ClientSampleId :



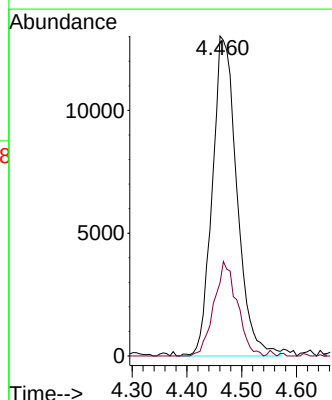
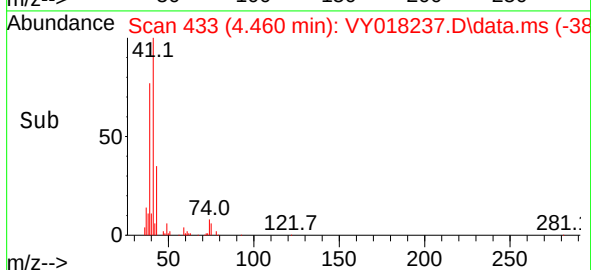
Tgt Ion: 76 Resp: 280186
Ion Ratio Lower Upper
76 100
78 8.9 6.8 10.2

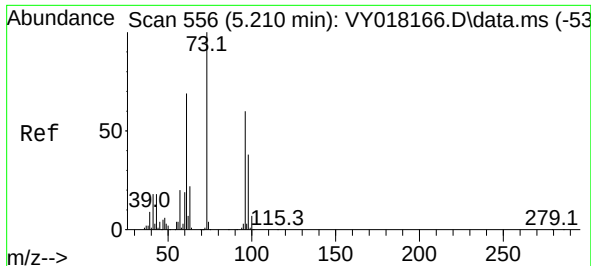


#18
Methyl Acetate
Concen: 43.434 ug/l
RT: 4.460 min Scan# 433
Delta R.T. -0.006 min
Lab File: VY018237.D
Acq: 13 May 2024 12:34



Tgt Ion: 43 Resp: 40620
Ion Ratio Lower Upper
43 100
74 27.8 23.3 34.9





#19

Methyl tert-butyl Ether

Concen: 45.936 ug/l

RT: 5.210 min Scan# 51

Delta R.T. 0.000 min

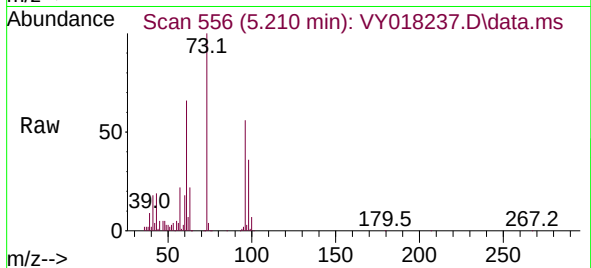
Lab File: VY018237.D

Acq: 13 May 2024 12:34

Instrument :

MSVOA_Y

ClientSampleId :

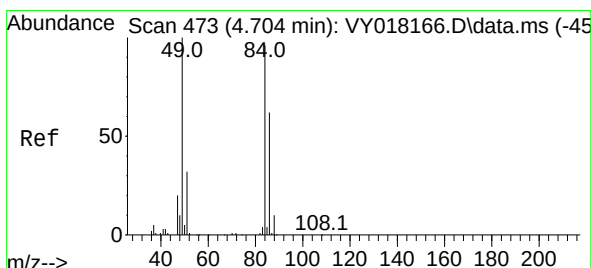
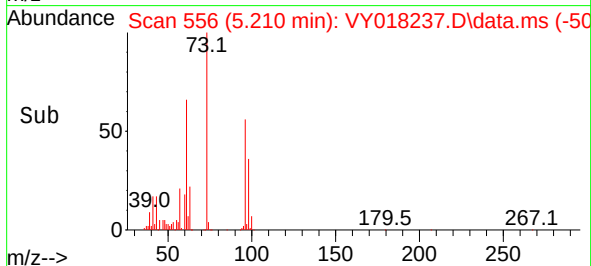
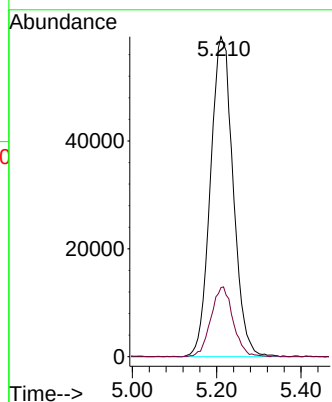


Tgt Ion: 73 Resp: 221301

Ion Ratio Lower Upper

73 100

57 21.6 17.3 25.9



#20

Methylene Chloride

Concen: 49.432 ug/l

RT: 4.710 min Scan# 474

Delta R.T. 0.006 min

Lab File: VY018237.D

Acq: 13 May 2024 12:34

Tgt Ion: 84 Resp: 114710

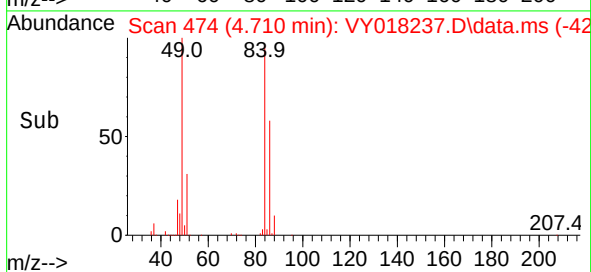
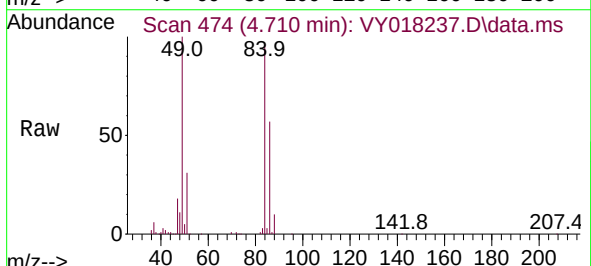
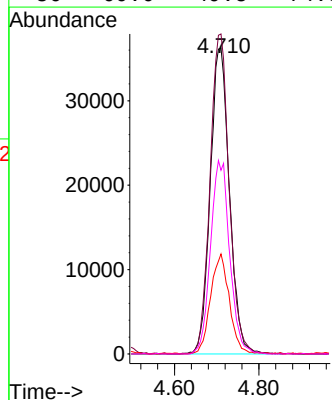
Ion Ratio Lower Upper

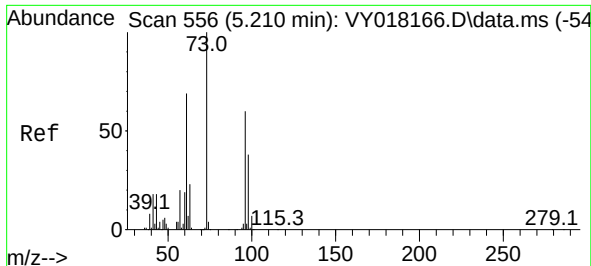
84 100

49 104.6 84.4 126.6

51 32.7 26.0 39.0

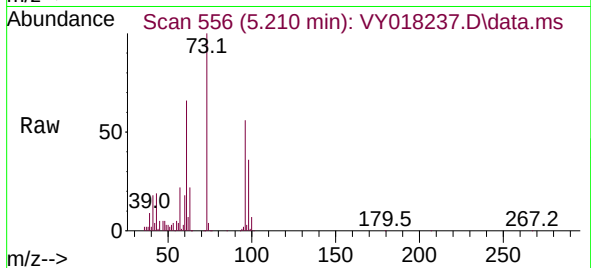
86 60.0 49.5 74.3



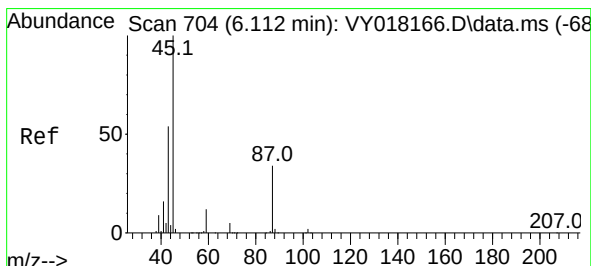
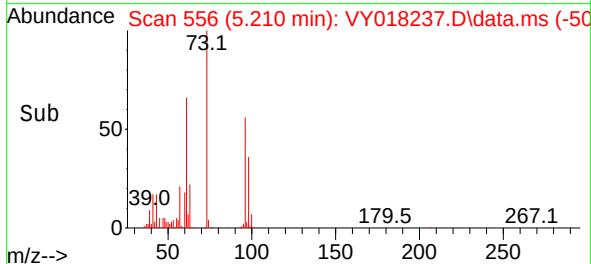
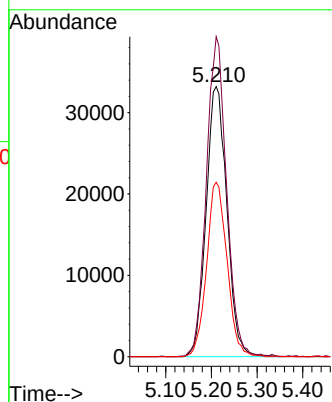


#21
trans-1,2-Dichloroethene
Concen: 45.749 ug/l
RT: 5.210 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY018237.D
Acq: 13 May 2024 12:34

Instrument :
MSVOA_Y
ClientSampleId :

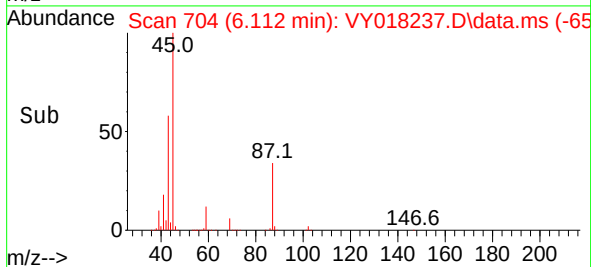
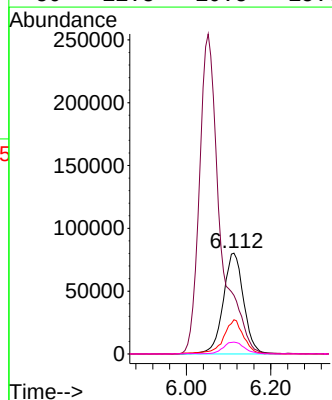
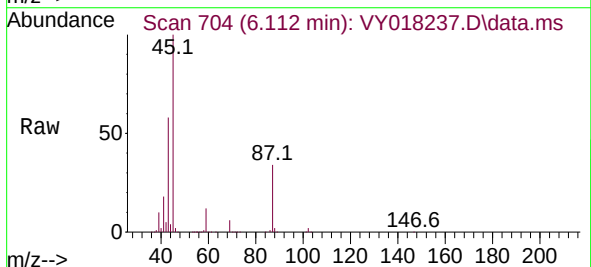


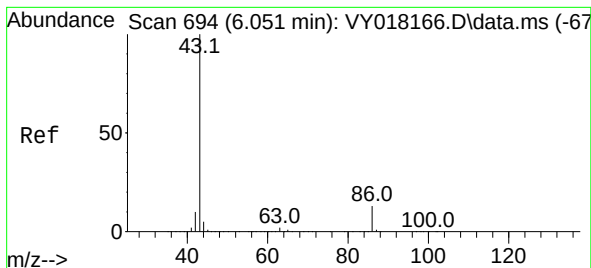
Tgt Ion: 96 Resp: 104879
Ion Ratio Lower Upper
96 100
61 118.4 97.5 146.3
98 64.5 50.5 75.7



#22
Diisopropyl ether
Concen: 46.045 ug/l
RT: 6.112 min Scan# 704
Delta R.T. 0.000 min
Lab File: VY018237.D
Acq: 13 May 2024 12:34

Tgt Ion: 45 Resp: 268734
Ion Ratio Lower Upper
45 100
43 57.9 42.2 63.2
87 33.9 25.0 37.6
59 11.8 10.5 15.7





#23

Vinyl Acetate

Concen: 243.695 ug/l

RT: 6.051 min Scan# 694

Delta R.T. 0.000 min

Lab File: VY018237.D

Acq: 13 May 2024 12:34

Instrument :

MSVOA_Y

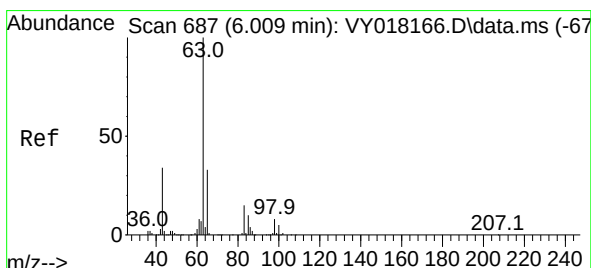
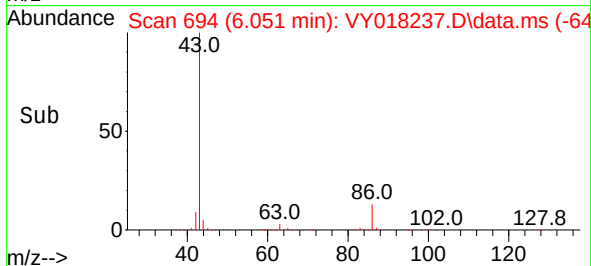
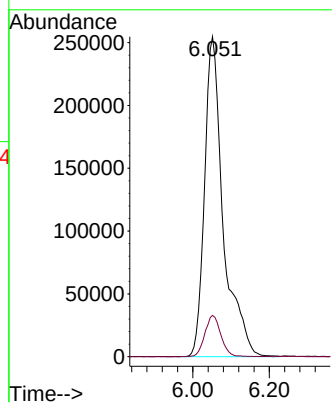
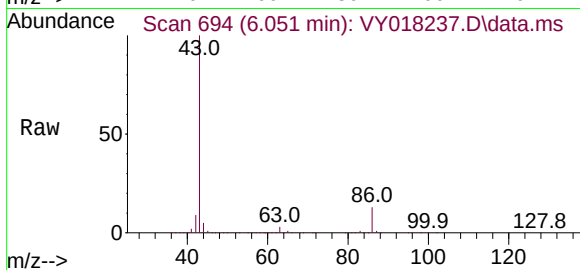
ClientSampleId :

Tgt Ion: 43 Resp: 864463

Ion Ratio Lower Upper

43 100

86 12.9 10.6 16.0



#24

1,1-Dichloroethane

Concen: 46.048 ug/l

RT: 6.009 min Scan# 687

Delta R.T. 0.000 min

Lab File: VY018237.D

Acq: 13 May 2024 12:34

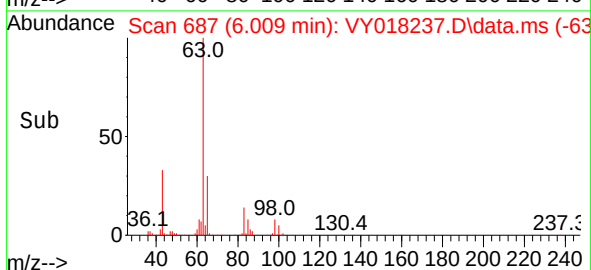
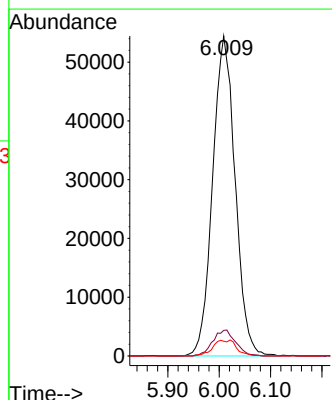
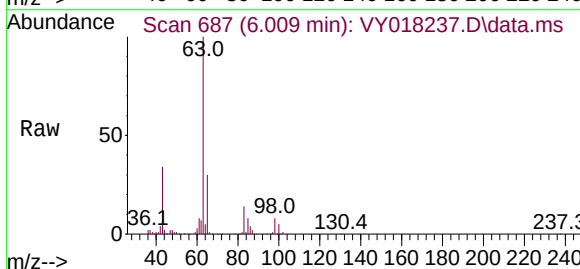
Tgt Ion: 63 Resp: 165528

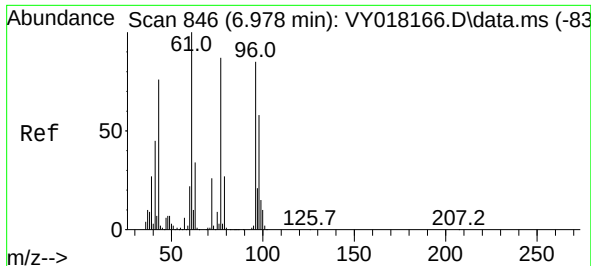
Ion Ratio Lower Upper

63 100

98 8.0 4.0 12.2

100 4.6 2.6 8.0

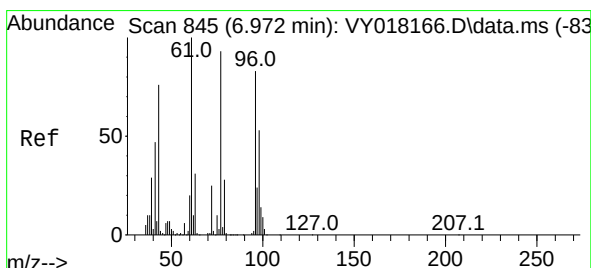
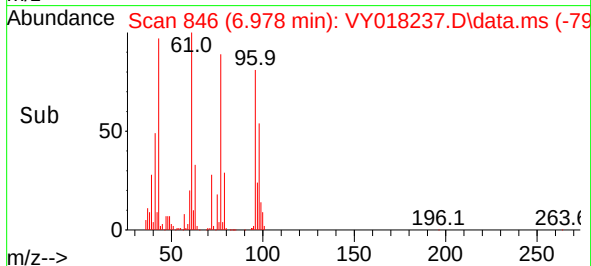
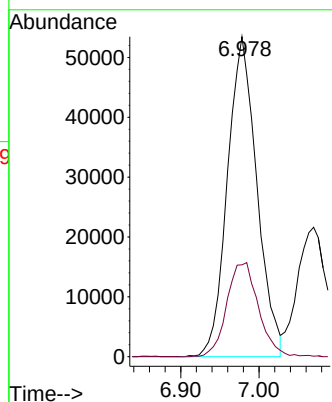
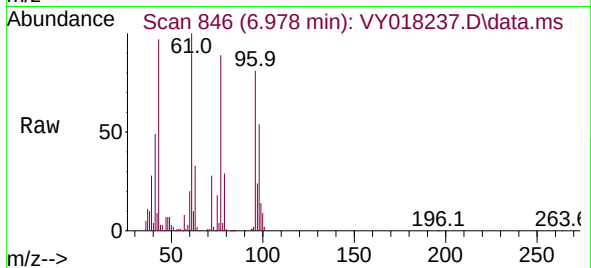




#25
2-Butanone
Concen: 266.080 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY018237.D
Acq: 13 May 2024 12:34

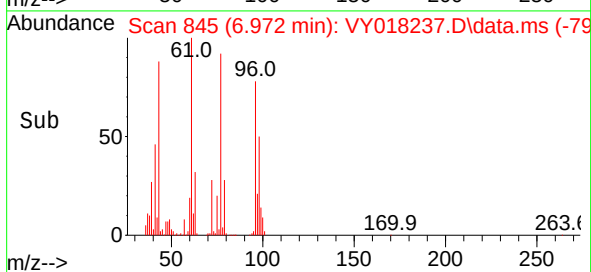
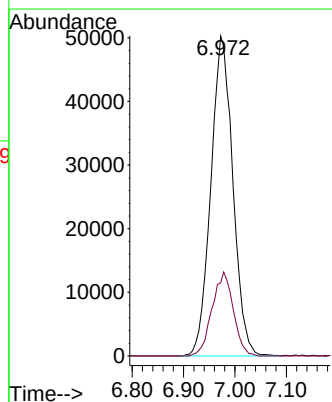
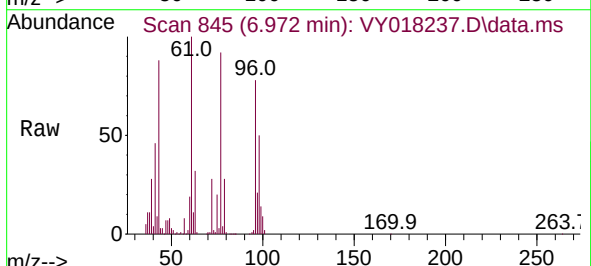
Instrument :
MSVOA_Y
ClientSampleId :

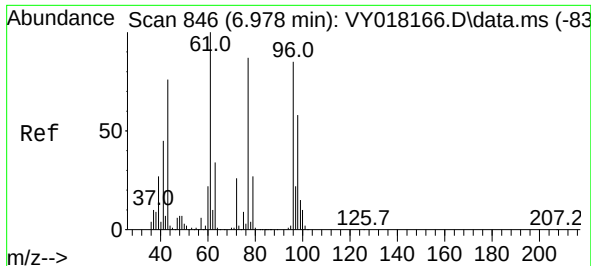
Tgt Ion: 43 Resp: 139639
Ion Ratio Lower Upper
43 100
72 28.7 27.3 40.9



#26
2,2-Dichloropropane
Concen: 45.979 ug/l
RT: 6.972 min Scan# 845
Delta R.T. 0.000 min
Lab File: VY018237.D
Acq: 13 May 2024 12:34

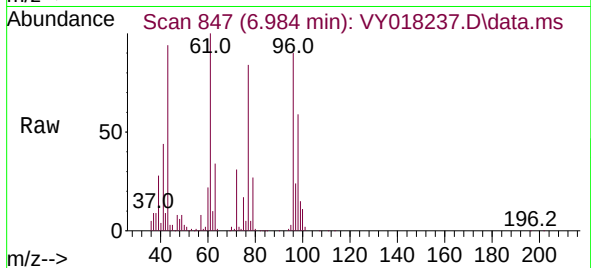
Tgt Ion: 77 Resp: 149591
Ion Ratio Lower Upper
77 100
97 25.3 12.0 36.1





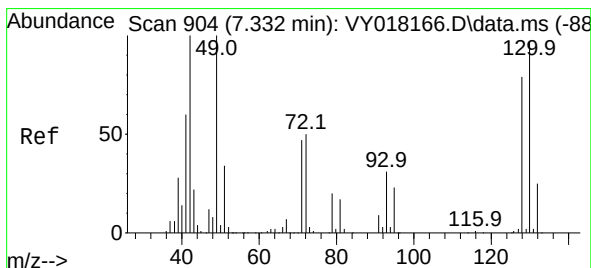
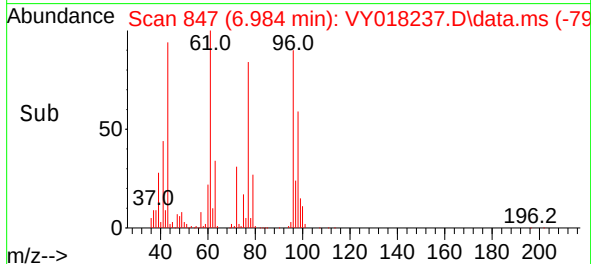
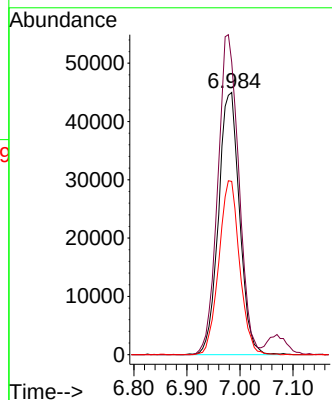
#27
 cis-1,2-Dichloroethene
 Concen: 45.752 ug/l
 RT: 6.984 min Scan# 846
 Delta R.T. 0.006 min
 Lab File: VY018237.D
 Acq: 13 May 2024 12:34

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 96 Resp: 123954

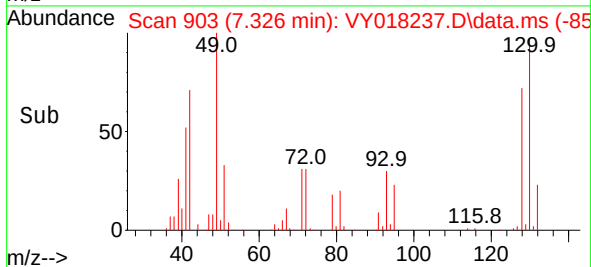
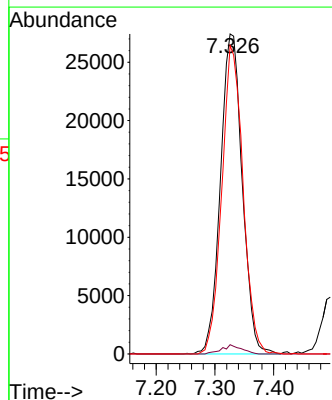
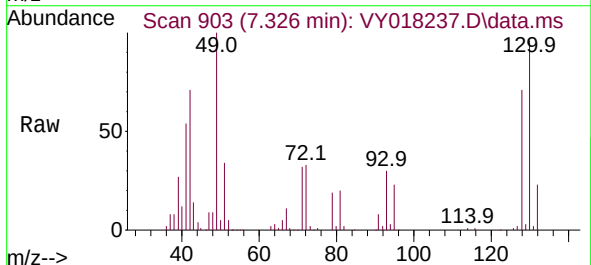
Ion	Ratio	Lower	Upper
96	100		
61	122.3	0.0	256.2
98	65.4	0.0	130.0

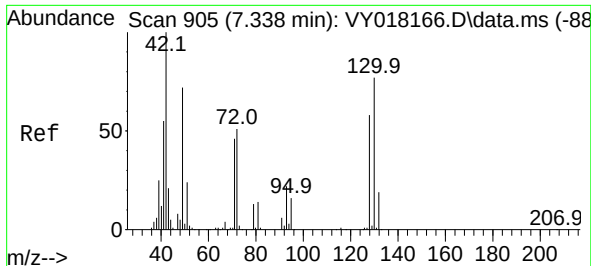


#28
 Bromochloromethane
 Concen: 49.182 ug/l
 RT: 7.326 min Scan# 903
 Delta R.T. -0.006 min
 Lab File: VY018237.D
 Acq: 13 May 2024 12:34

Tgt Ion: 49 Resp: 70663

Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	4.6
130	93.6	72.7	109.1





#29

Tetrahydrofuran

Concen: 242.226 ug/l

RT: 7.344 min Scan# 905

Delta R.T. 0.006 min

Lab File: VY018237.D

Acq: 13 May 2024 12:34

Instrument :

MSVOA_Y

ClientSampleId :

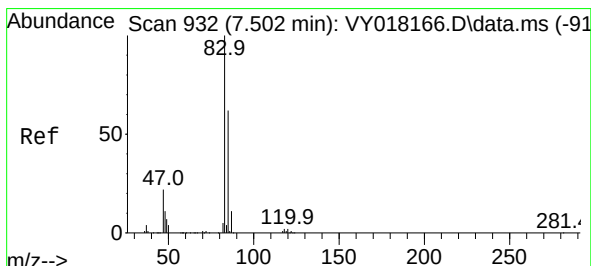
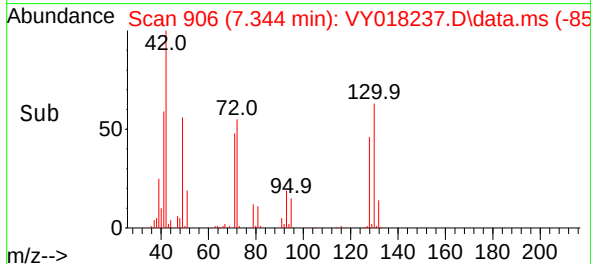
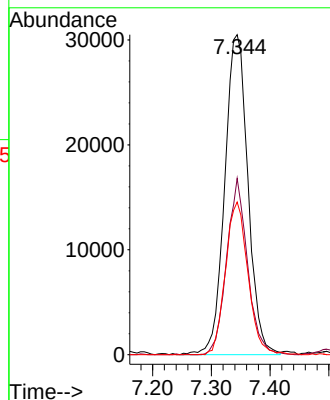
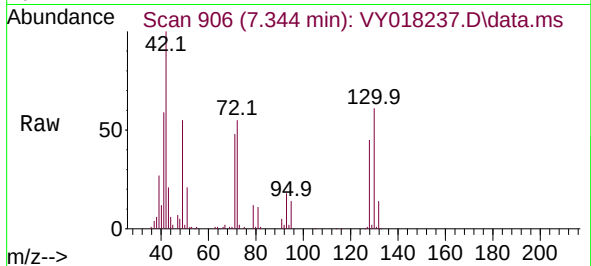
Tgt Ion: 42 Resp: 83911

Ion Ratio Lower Upper

42 100

72 49.4 43.0 64.4

71 46.2 40.8 61.2



#30

Chloroform

Concen: 45.517 ug/l

RT: 7.502 min Scan# 932

Delta R.T. 0.000 min

Lab File: VY018237.D

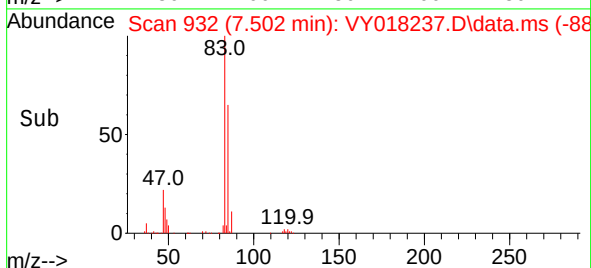
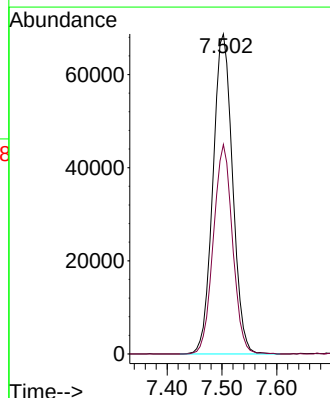
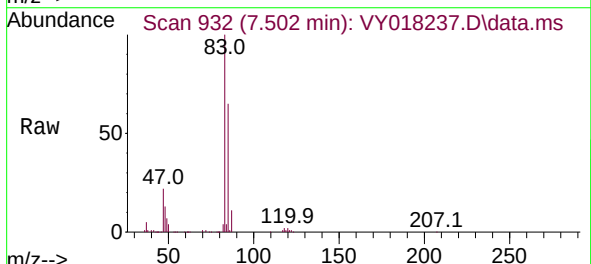
Acq: 13 May 2024 12:34

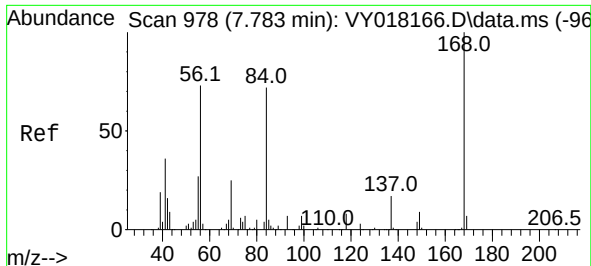
Tgt Ion: 83 Resp: 170813

Ion Ratio Lower Upper

83 100

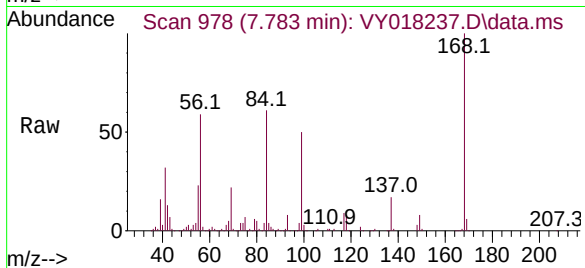
85 65.4 52.2 78.4



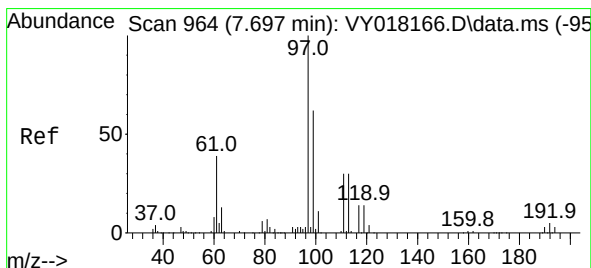
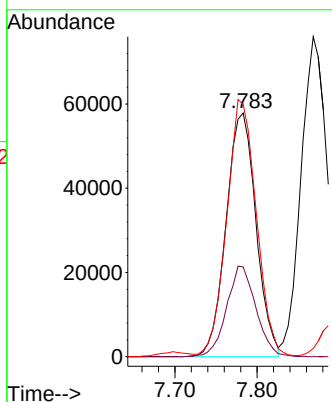
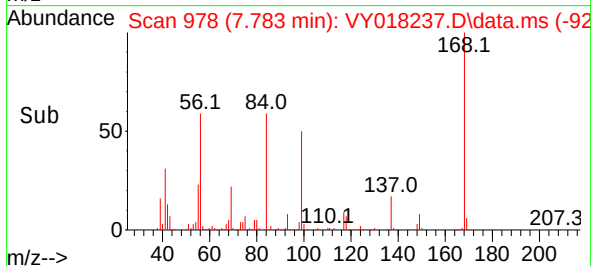


#31
Cyclohexane
Concen: 45.569 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018237.D
Acq: 13 May 2024 12:34

Instrument :
MSVOA_Y
ClientSampleId :

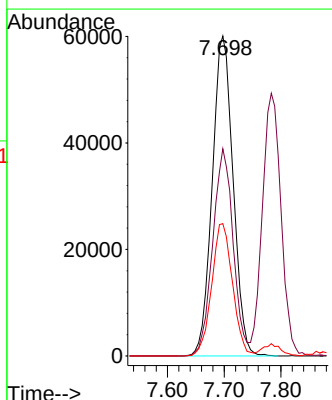
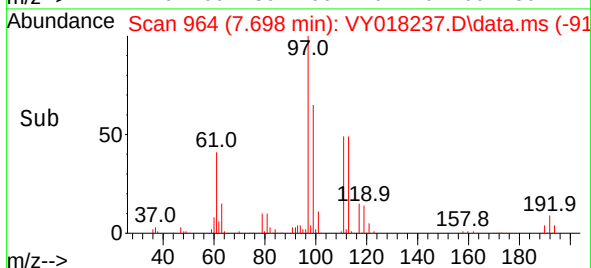
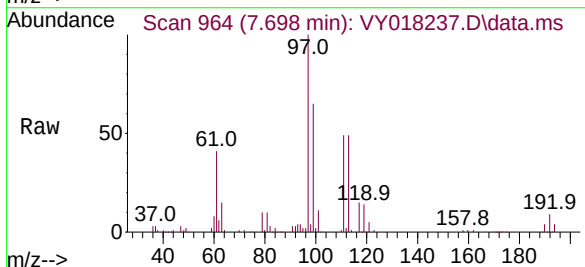


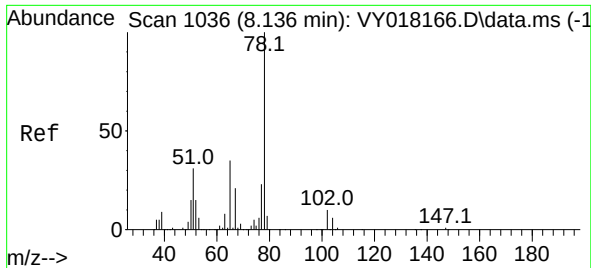
Tgt Ion: 56 Resp: 146454
Ion Ratio Lower Upper
56 100
69 36.8 28.7 43.1
84 102.0 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 45.662 ug/l
RT: 7.698 min Scan# 964
Delta R.T. 0.000 min
Lab File: VY018237.D
Acq: 13 May 2024 12:34

Tgt Ion: 97 Resp: 153588
Ion Ratio Lower Upper
97 100
99 63.3 50.3 75.5
61 41.3 32.6 48.8

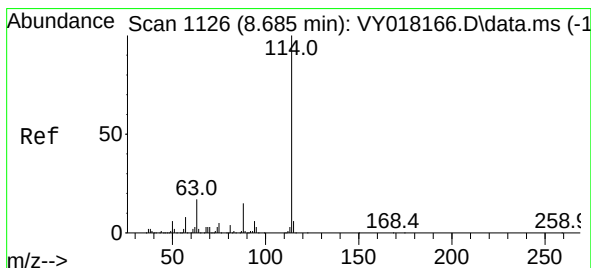
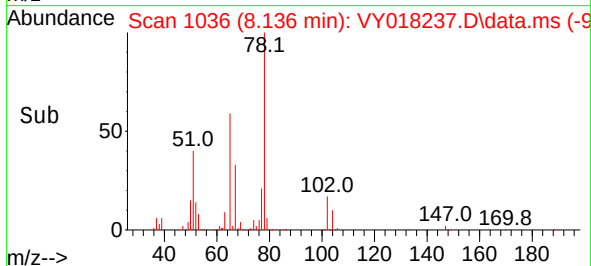
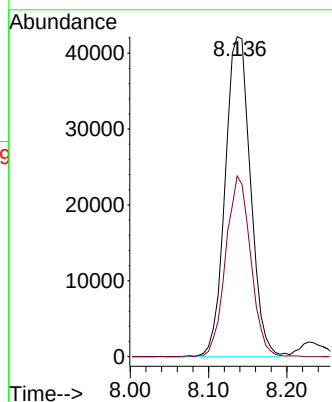
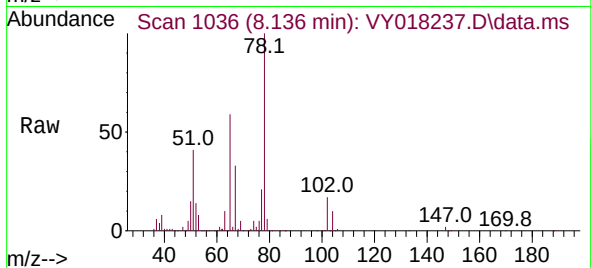




#33
1,2-Dichloroethane-d4
Concen: 57.587 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY018237.D
Acq: 13 May 2024 12:34

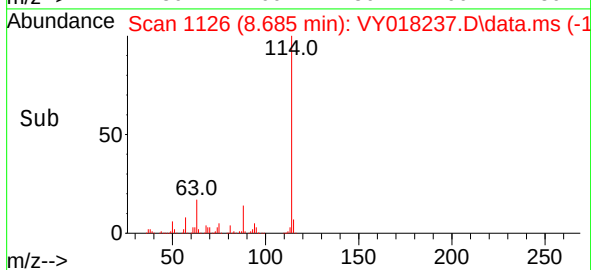
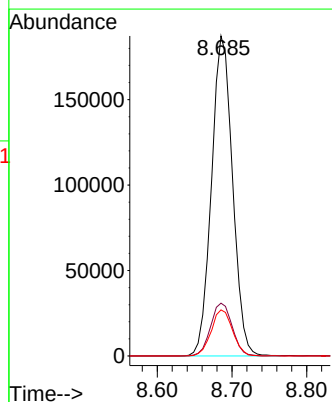
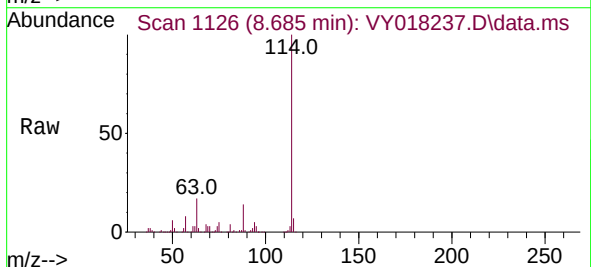
Instrument :
MSVOA_Y
ClientSampleId :

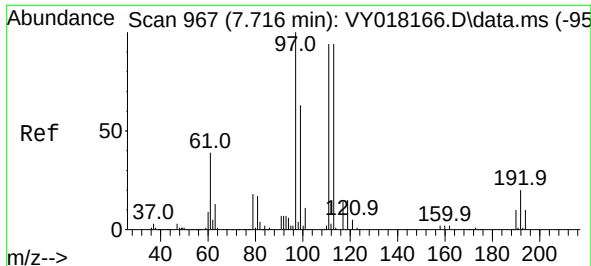
Tgt Ion: 65 Resp: 94740
Ion Ratio Lower Upper
65 100
67 55.8 0.0 109.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY018237.D
Acq: 13 May 2024 12:34

Tgt Ion: 114 Resp: 366697
Ion Ratio Lower Upper
114 100
63 16.5 0.0 35.0
88 14.4 0.0 27.2





#35

Dibromofluoromethane

Concen: 56.251 ug/l

RT: 7.710 min Scan# 911

Delta R.T. -0.006 min

Lab File: VY018237.D

Acq: 13 May 2024 12:34

Instrument :

MSVOA_Y

ClientSampleId :

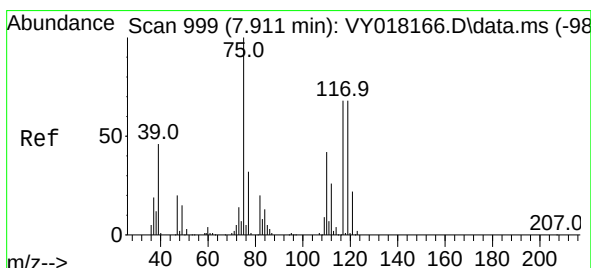
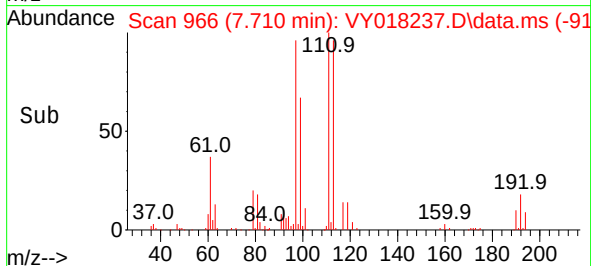
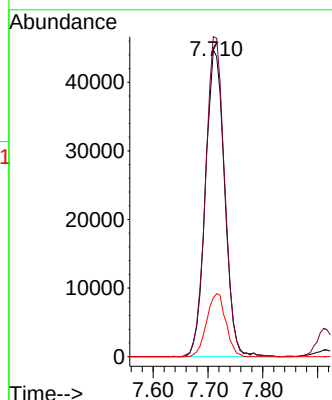
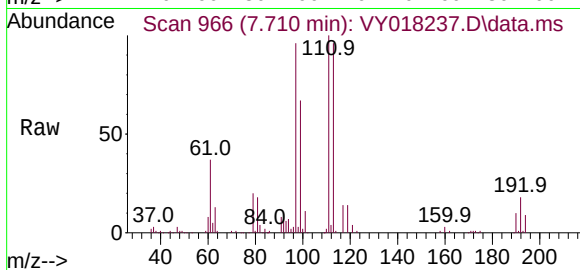
Tgt Ion:113 Resp: 108404

Ion Ratio Lower Upper

113 100

111 103.7 82.2 123.4

192 20.5 15.9 23.9



#36

1,1-Dichloropropene

Concen: 46.055 ug/l

RT: 7.911 min Scan# 999

Delta R.T. 0.000 min

Lab File: VY018237.D

Acq: 13 May 2024 12:34

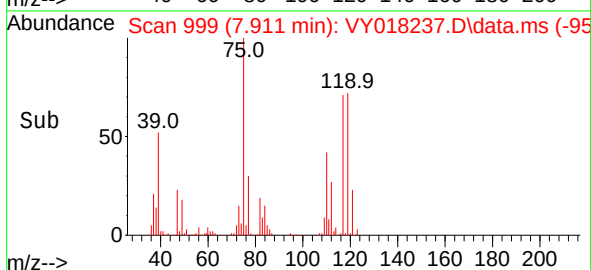
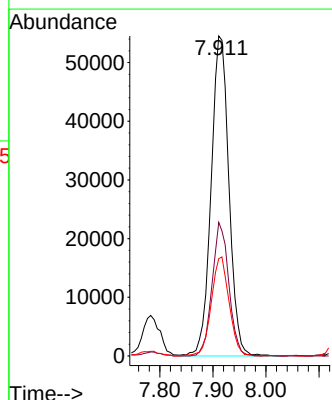
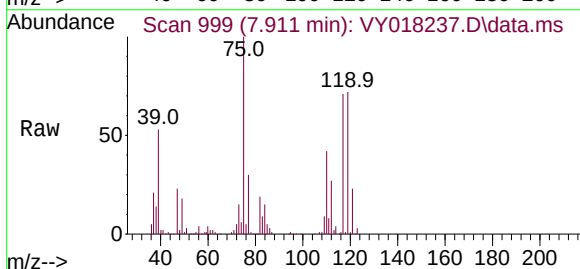
Tgt Ion: 75 Resp: 127237

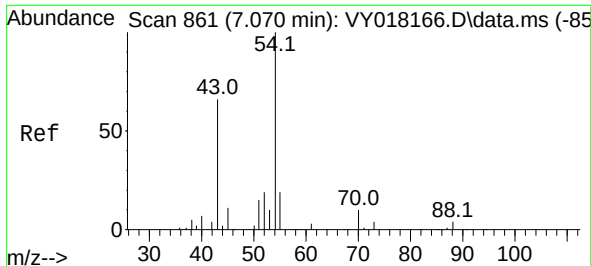
Ion Ratio Lower Upper

75 100

110 39.1 19.0 57.0

77 30.9 25.3 37.9





#37

Ethyl Acetate

Concen: 50.453 ug/l

RT: 7.070 min Scan# 80

Delta R.T. 0.000 min

Lab File: VY018237.D

Acq: 13 May 2024 12:34

Instrument :

MSVOA_Y

ClientSampleId :

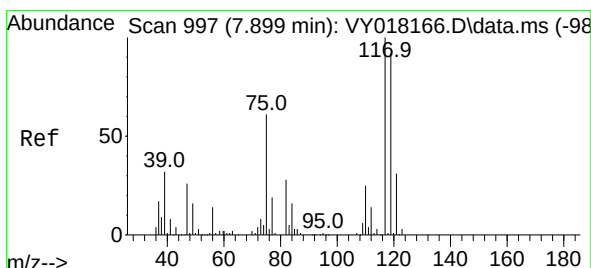
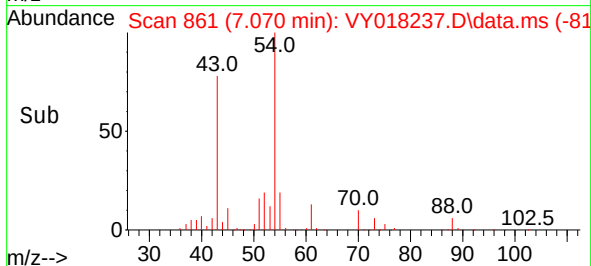
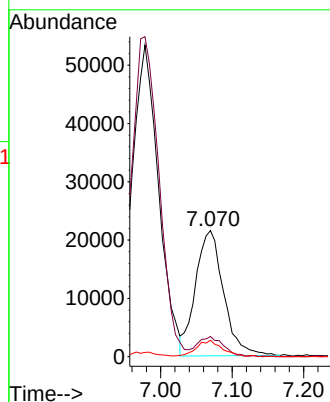
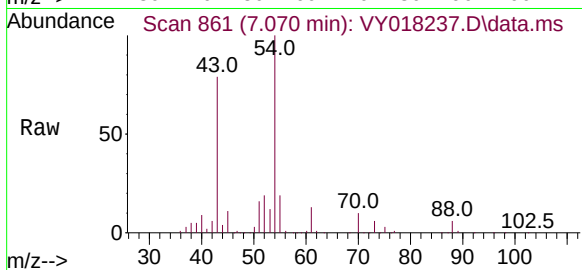
Tgt Ion: 43 Resp: 58667

Ion Ratio Lower Upper

43 100

61 14.9 12.6 19.0

70 12.0 7.8 11.8#



#38

Carbon Tetrachloride

Concen: 46.189 ug/l

RT: 7.893 min Scan# 996

Delta R.T. -0.006 min

Lab File: VY018237.D

Acq: 13 May 2024 12:34

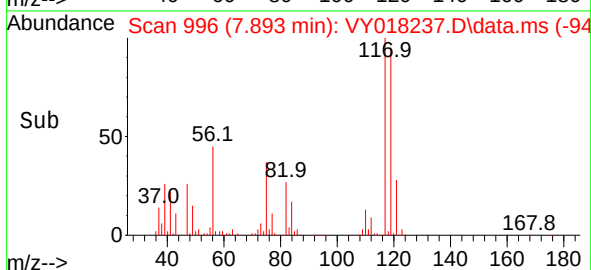
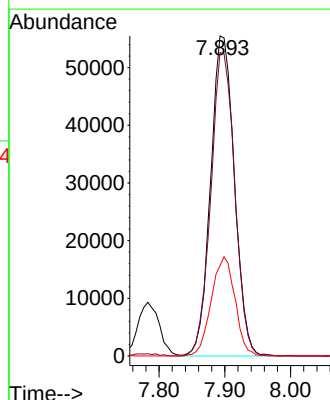
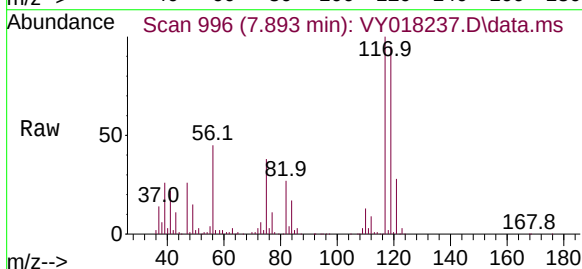
Tgt Ion: 117 Resp: 139433

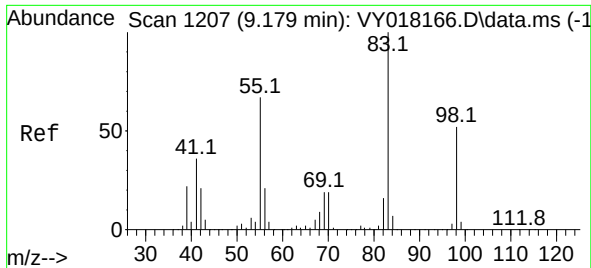
Ion Ratio Lower Upper

117 100

119 94.8 75.8 113.6

121 28.3 24.0 36.0

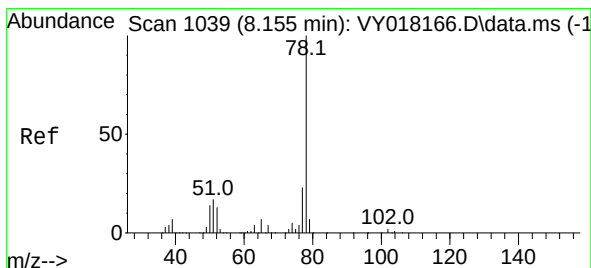
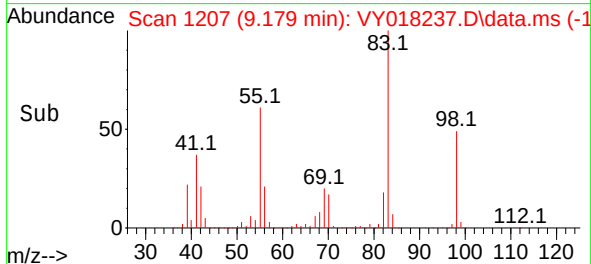
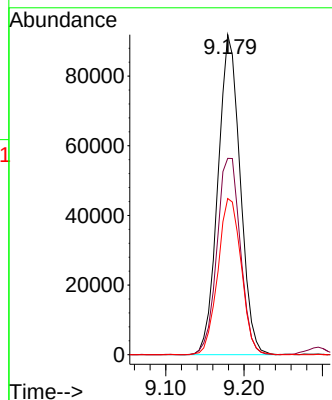
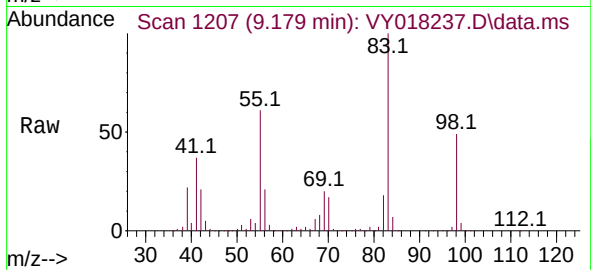




#39
Methylcyclohexane
Concen: 45.512 ug/l
RT: 9.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018237.D
Acq: 13 May 2024 12:34

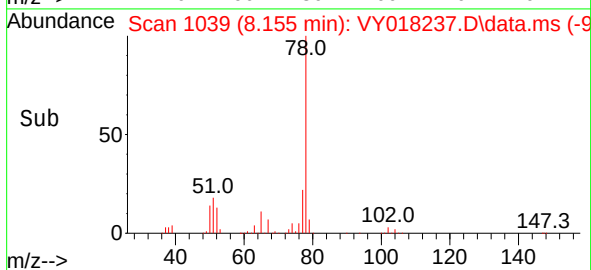
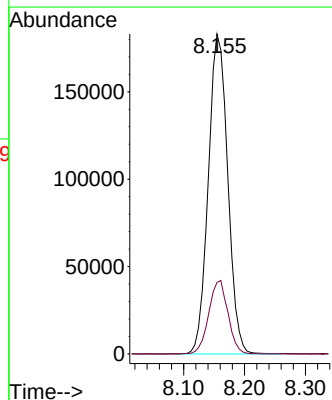
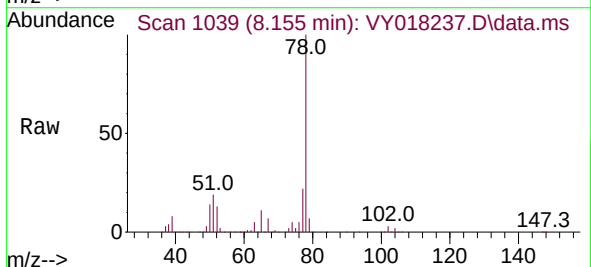
Instrument :
MSVOA_Y
ClientSampleId :

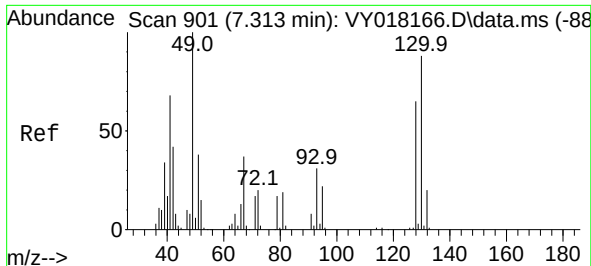
Tgt Ion: 83 Resp: 181396
Ion Ratio Lower Upper
83 100
55 61.4 51.5 77.3
98 48.8 40.5 60.7



#40
Benzene
Concen: 45.774 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.000 min
Lab File: VY018237.D
Acq: 13 May 2024 12:34

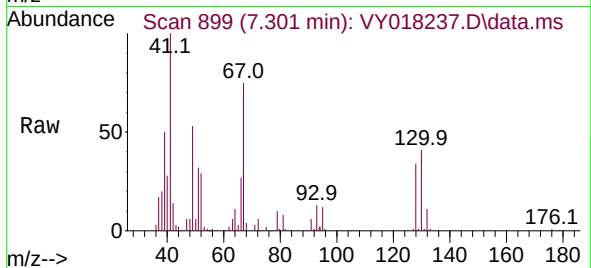
Tgt Ion: 78 Resp: 406775
Ion Ratio Lower Upper
78 100
77 22.3 19.5 29.3



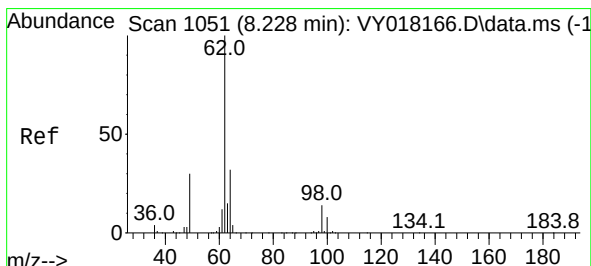
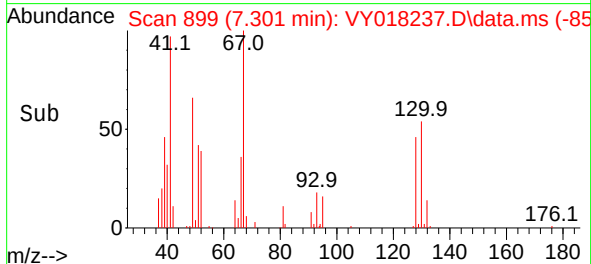
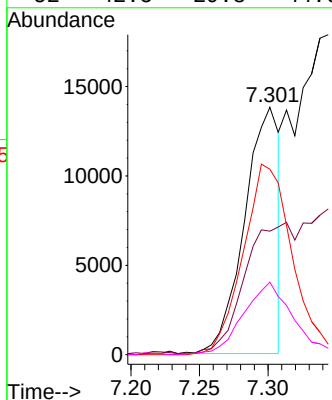


#41
Methacrylonitrile
Concen: 36.353 ug/l
RT: 7.301 min Scan# 899
Delta R.T. -0.012 min
Lab File: VY018237.D
Acq: 13 May 2024 12:34

Instrument :
MSVOA_Y
ClientSampleId :

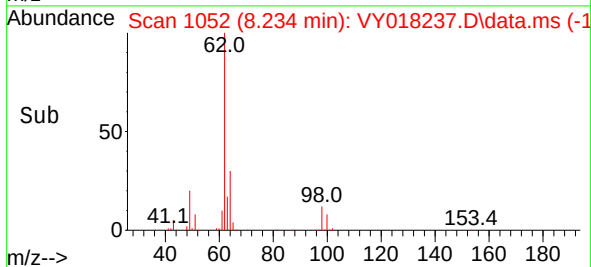
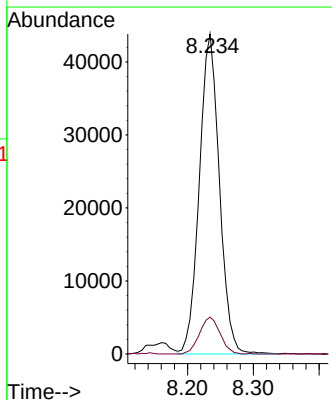
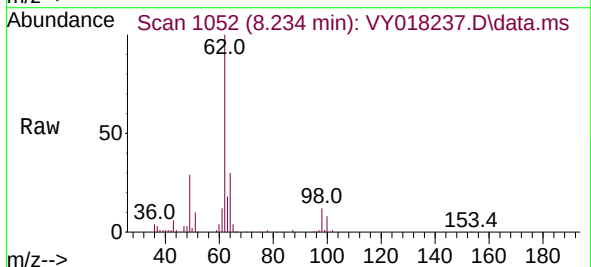


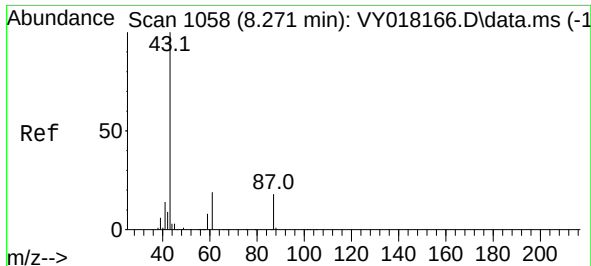
Tgt Ion:	41	Resp:	24410
Ion	Ratio	Lower	Upper
41	100		
39	75.4	48.0	72.0#
67	109.4	75.1	112.7
52	42.5	29.8	44.6



#42
1,2-Dichloroethane
Concen: 48.037 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.006 min
Lab File: VY018237.D
Acq: 13 May 2024 12:34

Tgt Ion:	62	Resp:	92882
Ion	Ratio	Lower	Upper
62	100		
98	11.8	0.0	22.0





#43

Isopropyl Acetate

Concen: 47.728 ug/l

RT: 8.271 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VY018237.D

Acq: 13 May 2024 12:34

Instrument :

MSVOA_Y

ClientSampleId :

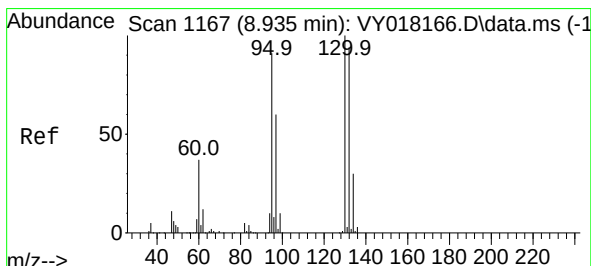
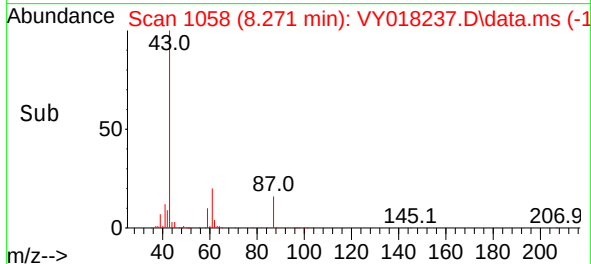
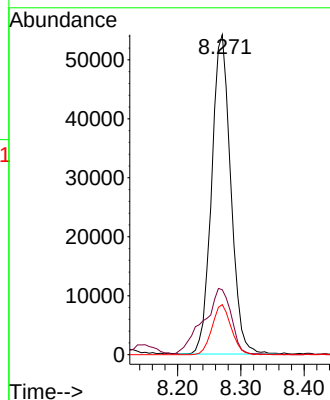
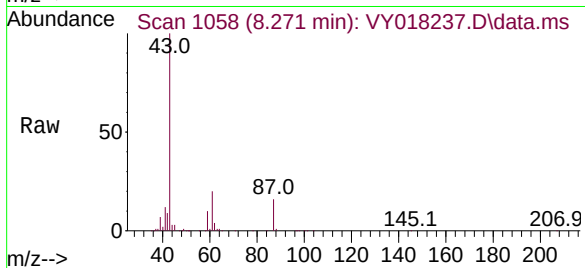
Tgt Ion: 43 Resp: 113757

Ion Ratio Lower Upper

43 100

61 29.9 27.9 41.9

87 15.7 13.1 19.7



#44

Trichloroethene

Concen: 45.419 ug/l

RT: 8.935 min Scan# 1167

Delta R.T. 0.000 min

Lab File: VY018237.D

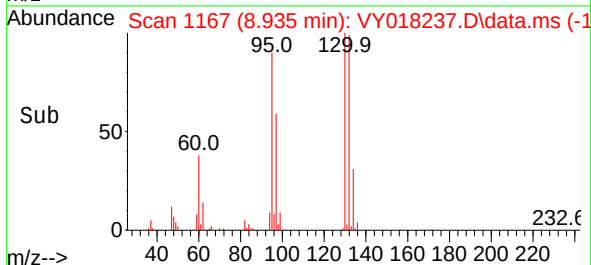
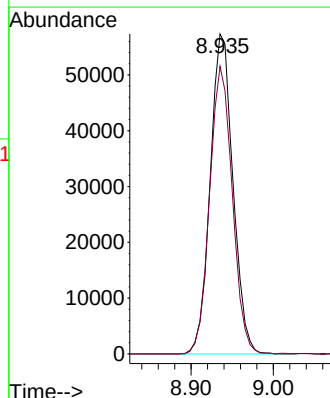
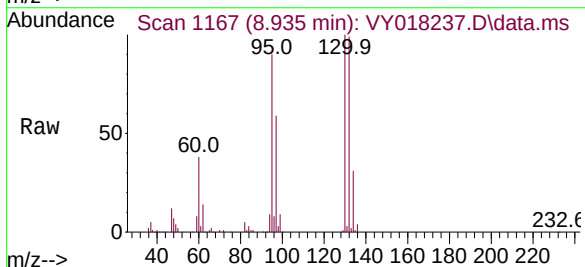
Acq: 13 May 2024 12:34

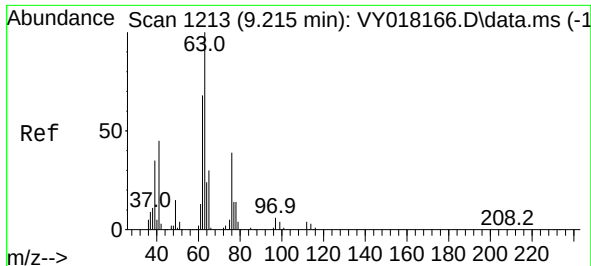
Tgt Ion:130 Resp: 109875

Ion Ratio Lower Upper

130 100

95 89.8 0.0 188.0





#45

1,2-Dichloropropane

Concen: 45.172 ug/l

RT: 9.209 min Scan# 1212

Delta R.T. -0.006 min

Lab File: VY018237.D

Acq: 13 May 2024 12:34

Instrument :

MSVOA_Y

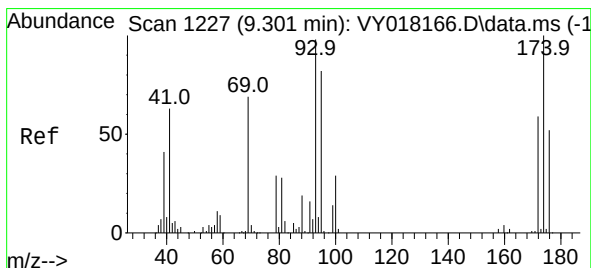
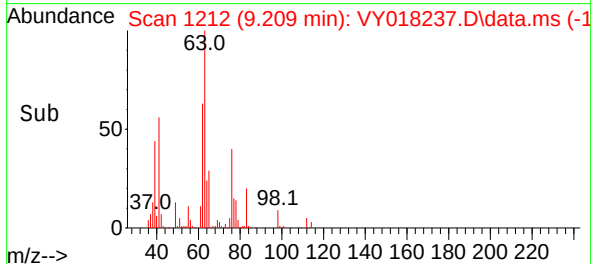
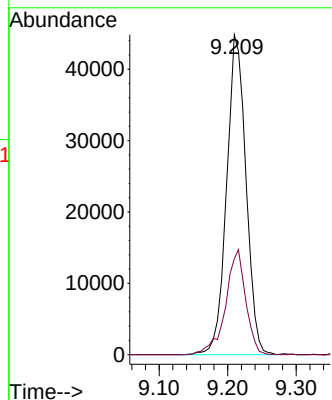
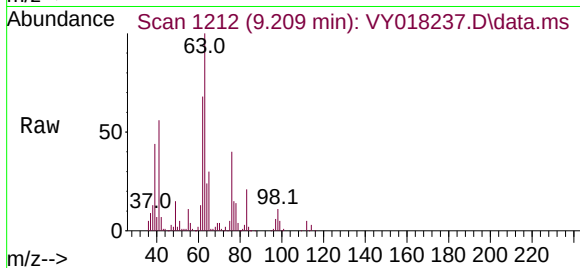
ClientSampleId :

Tgt Ion: 63 Resp: 87761

Ion Ratio Lower Upper

63 100

65 30.0 25.4 38.2



#46

Dibromomethane

Concen: 46.340 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.006 min

Lab File: VY018237.D

Acq: 13 May 2024 12:34

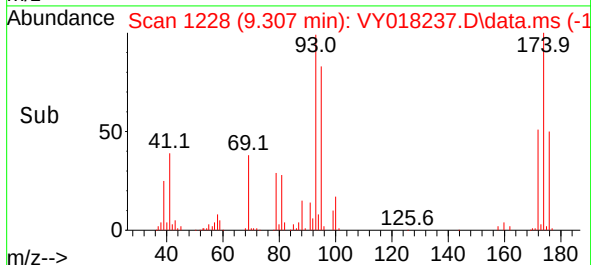
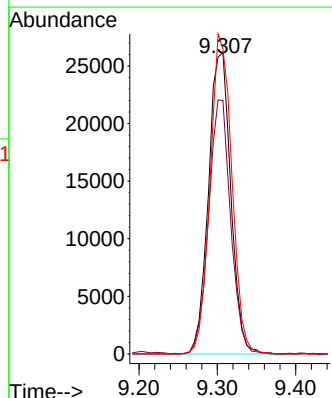
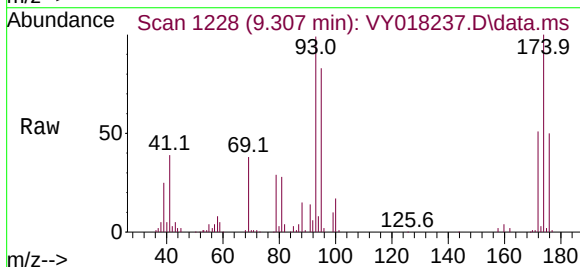
Tgt Ion: 93 Resp: 51757

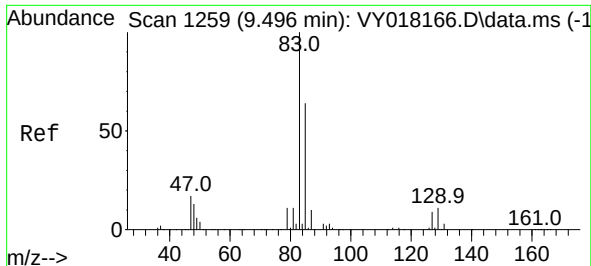
Ion Ratio Lower Upper

93 100

95 83.0 66.2 99.4

174 103.4 80.9 121.3





#47

Bromodichloromethane

Concen: 45.817 ug/l

RT: 9.496 min Scan# 1259

Delta R.T. 0.000 min

Lab File: VY018237.D

Acq: 13 May 2024 12:34

Instrument :

MSVOA_Y

ClientSampleId :

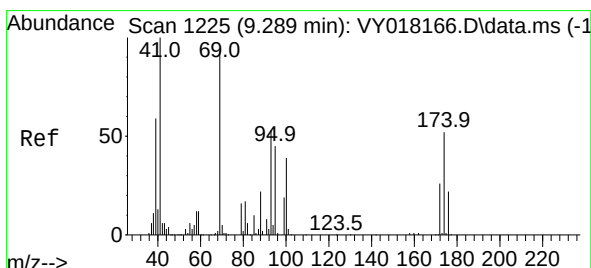
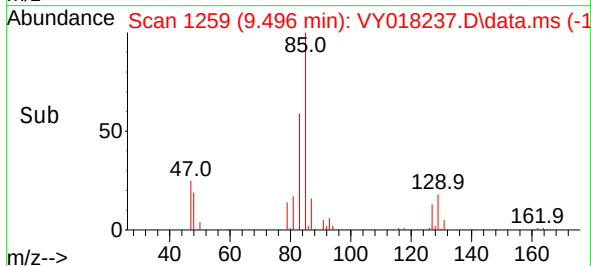
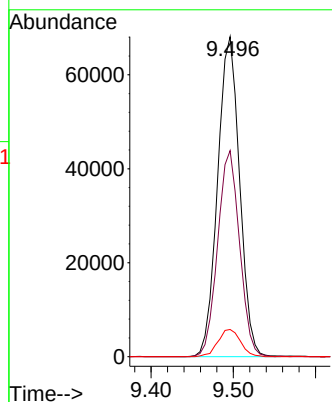
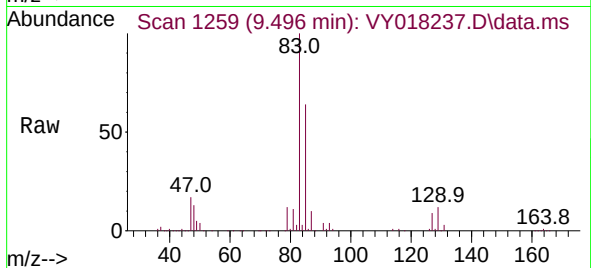
Tgt Ion: 83 Resp: 126510

Ion Ratio Lower Upper

83 100

85 64.4 50.1 75.1

127 8.5 7.4 11.0



#48

Methyl methacrylate

Concen: 47.992 ug/l

RT: 9.289 min Scan# 1225

Delta R.T. 0.000 min

Lab File: VY018237.D

Acq: 13 May 2024 12:34

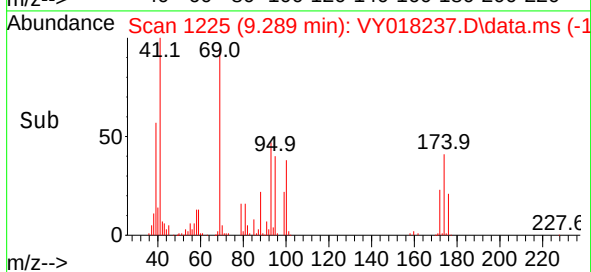
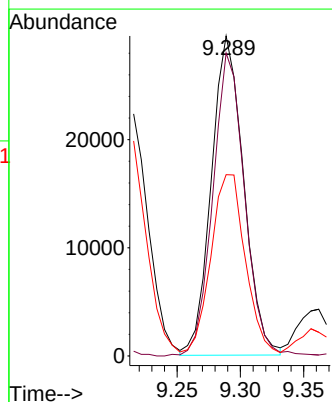
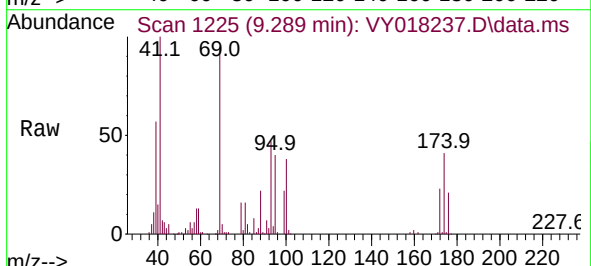
Tgt Ion: 41 Resp: 52425

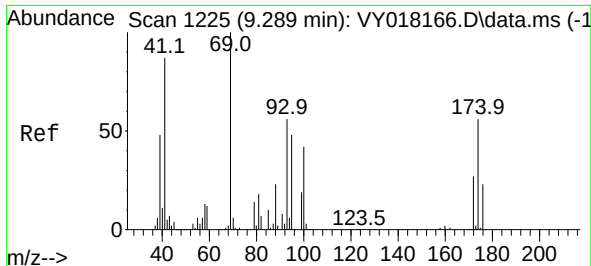
Ion Ratio Lower Upper

41 100

69 93.3 84.1 126.1

39 58.7 43.6 65.4





#49

1,4-Dioxane

Concen: 948.838 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. 0.006 min

Lab File: VY018237.D

Acq: 13 May 2024 12:34

Instrument :

MSVOA_Y

ClientSampleId :

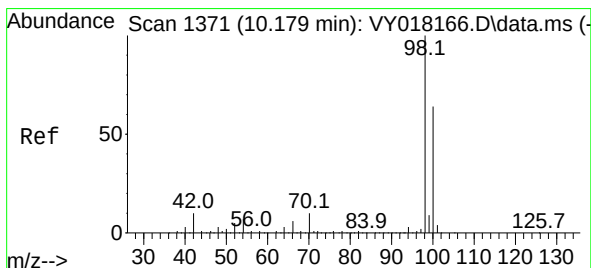
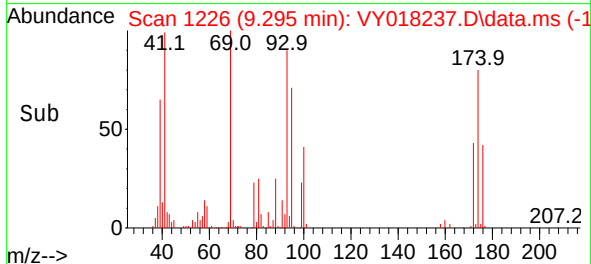
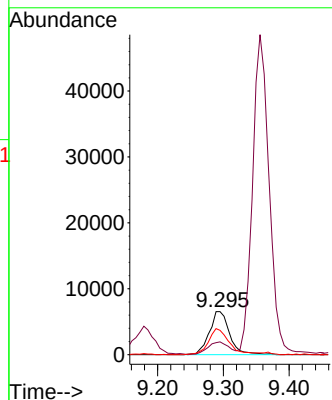
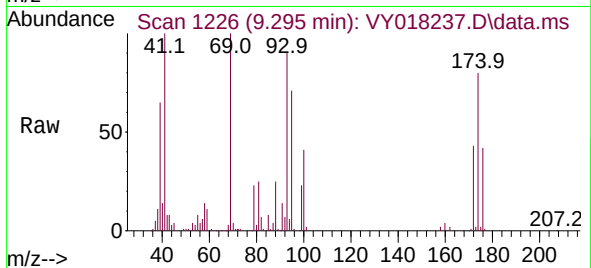
Tgt Ion: 88 Resp: 14067

Ion Ratio Lower Upper

88 100

43 31.2 0.0 0.0#

58 60.6 49.3 73.9



#50

Toluene-d8

Concen: 57.205 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY018237.D

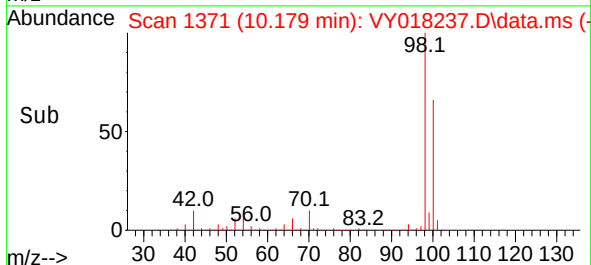
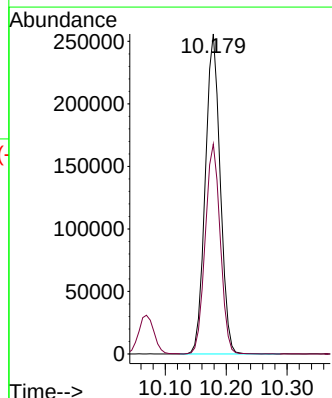
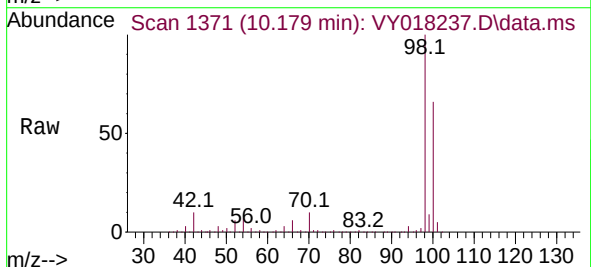
Acq: 13 May 2024 12:34

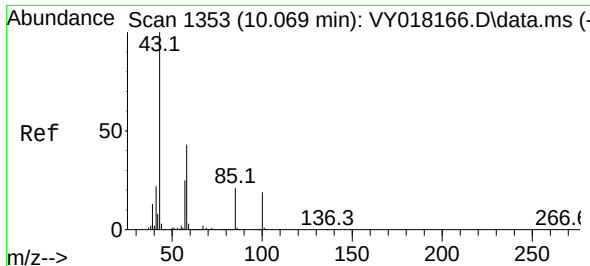
Tgt Ion: 98 Resp: 434429

Ion Ratio Lower Upper

98 100

100 66.0 52.0 78.0

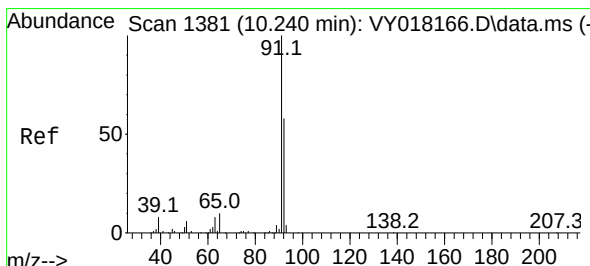
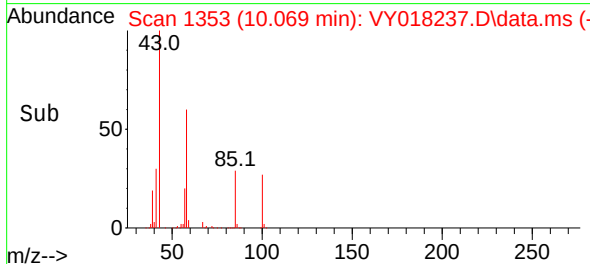
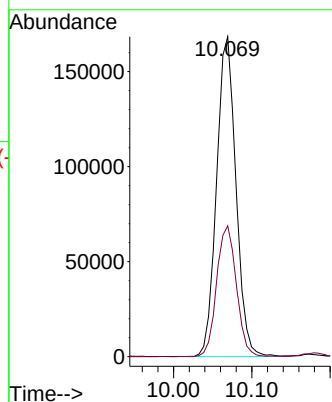
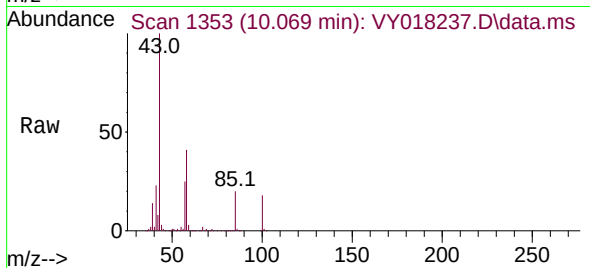




#51
4-Methyl-2-Pentanone
Concen: 241.457 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY018237.D
Acq: 13 May 2024 12:34

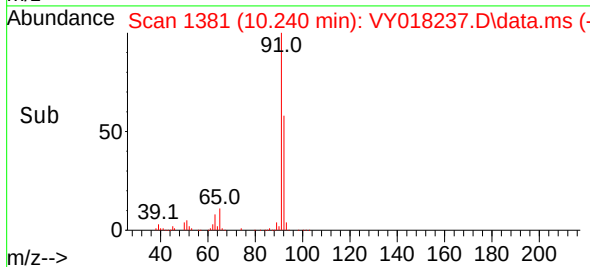
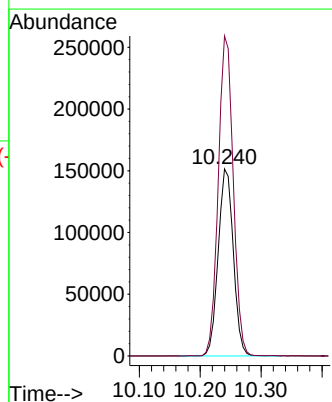
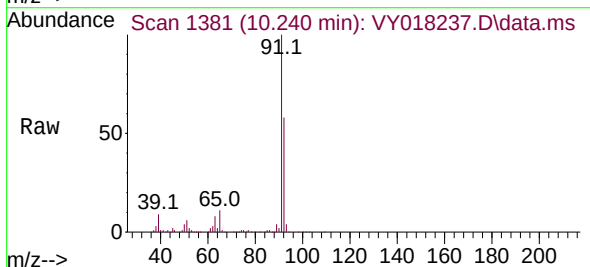
Instrument :
MSVOA_Y
ClientSampleId :

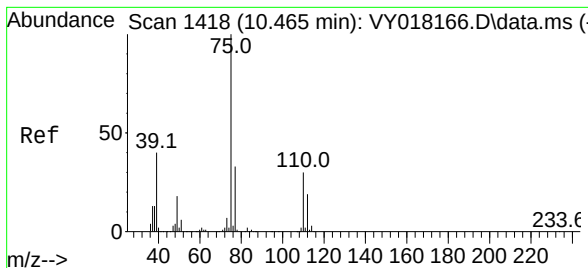
Tgt Ion: 43 Resp: 289249
Ion Ratio Lower Upper
43 100
58 41.9 35.7 53.5



#52
Toluene
Concen: 45.795 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VY018237.D
Acq: 13 May 2024 12:34

Tgt Ion: 92 Resp: 261996
Ion Ratio Lower Upper
92 100
91 169.0 139.0 208.6

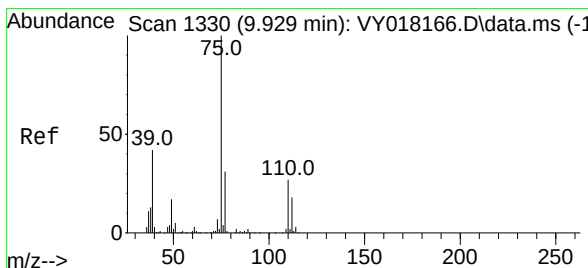
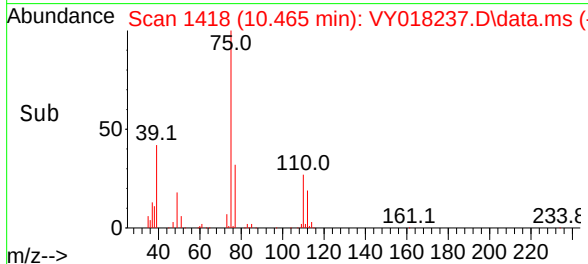
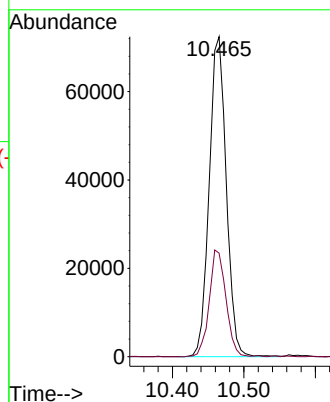
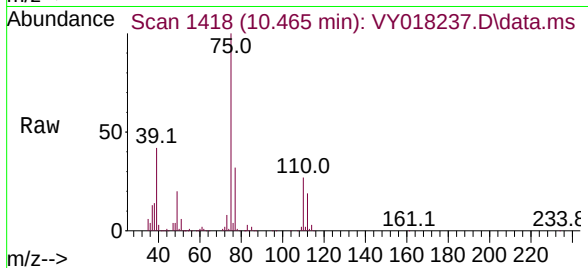




#53
t-1,3-Dichloropropene
Concen: 46.527 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY018237.D
Acq: 13 May 2024 12:34

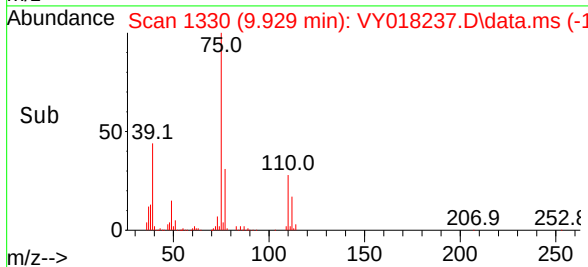
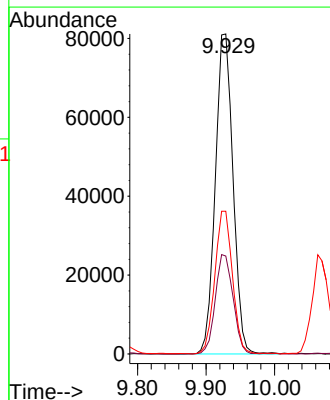
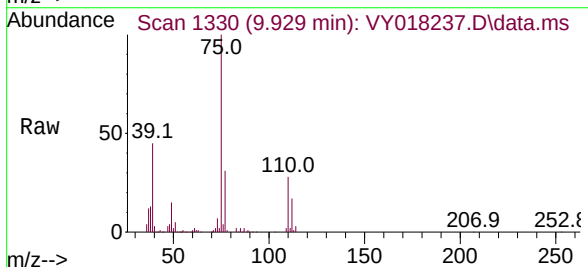
Instrument :
MSVOA_Y
ClientSampleId :

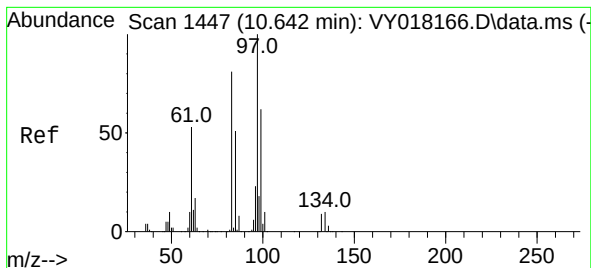
Tgt Ion: 75 Resp: 119999
Ion Ratio Lower Upper
75 100
77 32.3 24.1 36.1



#54
cis-1,3-Dichloropropene
Concen: 46.148 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. 0.000 min
Lab File: VY018237.D
Acq: 13 May 2024 12:34

Tgt Ion: 75 Resp: 145488
Ion Ratio Lower Upper
75 100
77 30.6 25.4 38.0
39 44.6 29.8 44.6





#55

1,1,2-Trichloroethane

Concen: 46.555 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. 0.000 min

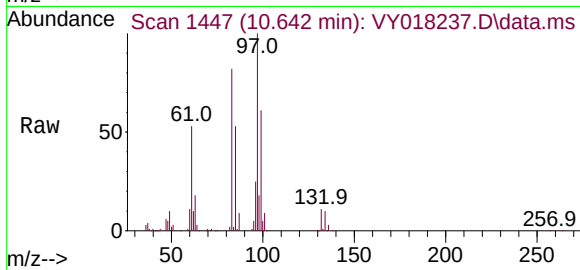
Lab File: VY018237.D

Acq: 13 May 2024 12:34

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 97 Resp: 71430

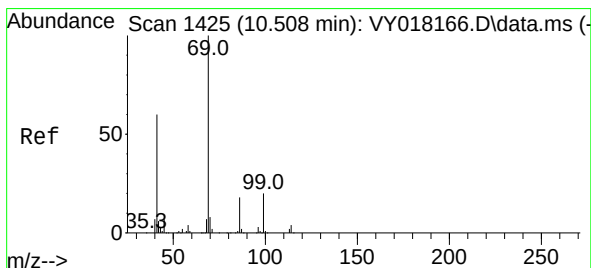
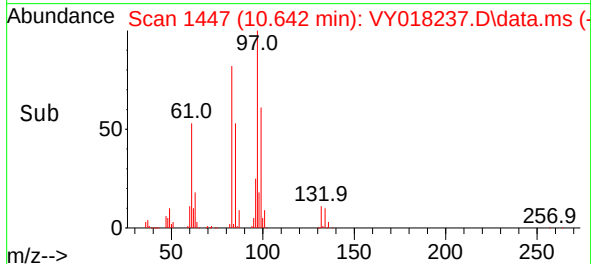
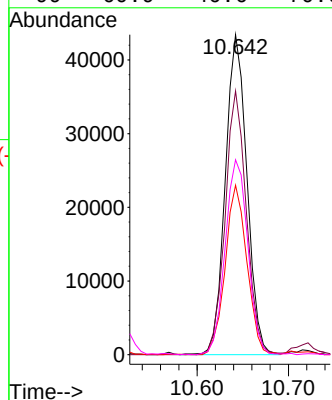
Ion Ratio Lower Upper

97 100

83 82.4 67.5 101.3

85 52.8 42.9 64.3

99 60.9 46.6 70.0



#56

Ethyl methacrylate

Concen: 46.716 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. 0.000 min

Lab File: VY018237.D

Acq: 13 May 2024 12:34

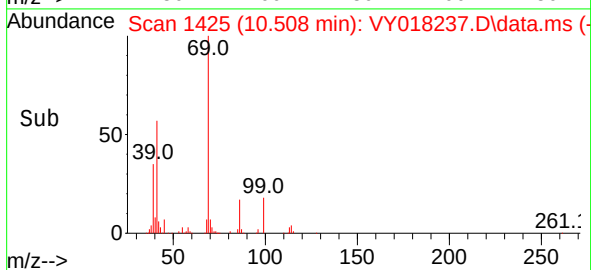
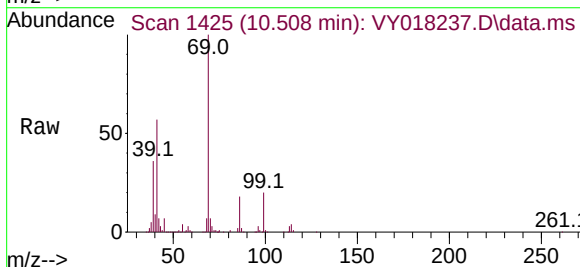
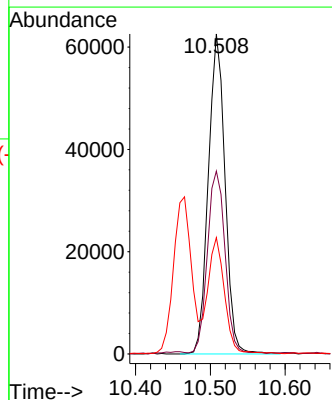
Tgt Ion: 69 Resp: 97347

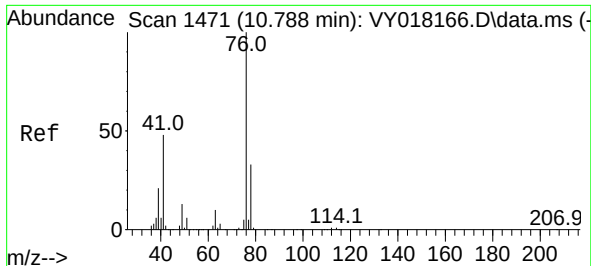
Ion Ratio Lower Upper

69 100

41 60.2 42.3 63.5

39 36.6 22.9 34.3#





#57

1,3-Dichloropropane

Concen: 46.329 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY018237.D

Acq: 13 May 2024 12:34

Instrument :

MSVOA_Y

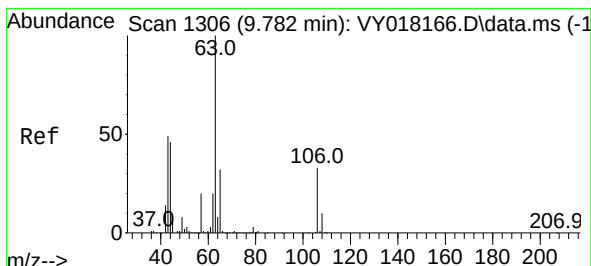
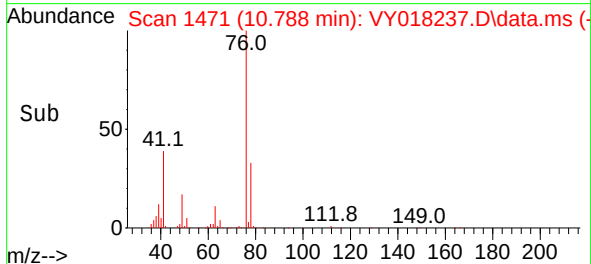
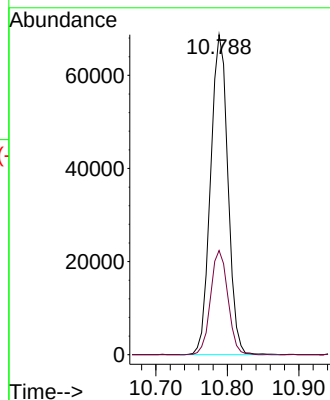
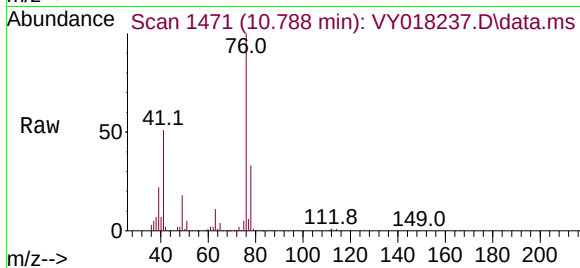
ClientSampleId :

Tgt Ion: 76 Resp: 115690

Ion Ratio Lower Upper

76 100

78 32.5 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 228.255 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY018237.D

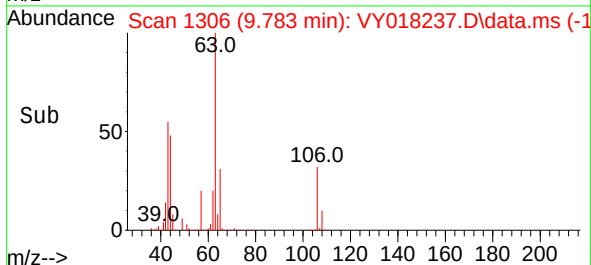
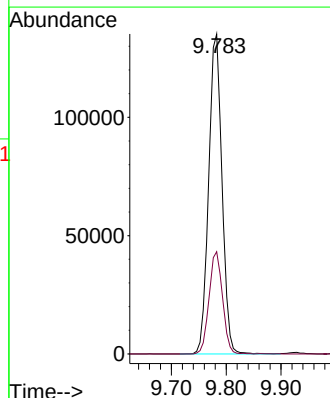
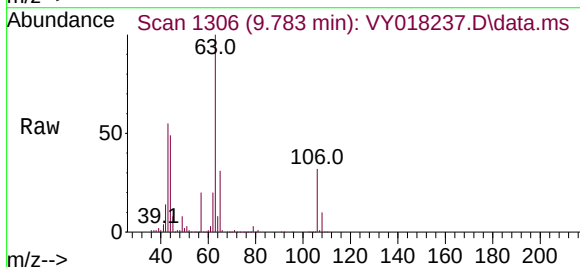
Acq: 13 May 2024 12:34

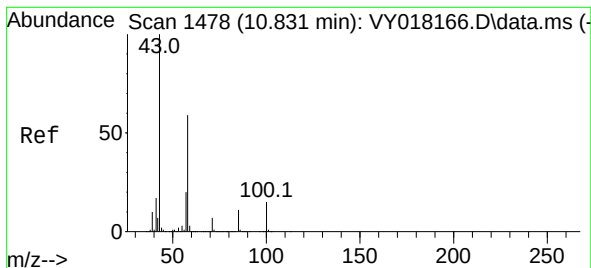
Tgt Ion: 63 Resp: 227120

Ion Ratio Lower Upper

63 100

106 32.3 23.7 35.5

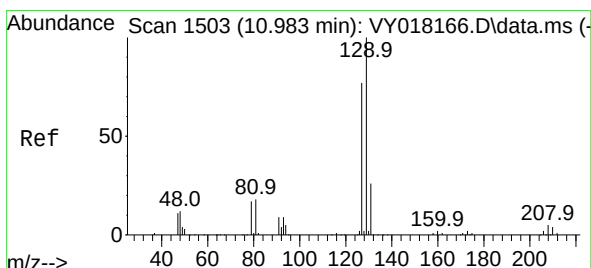
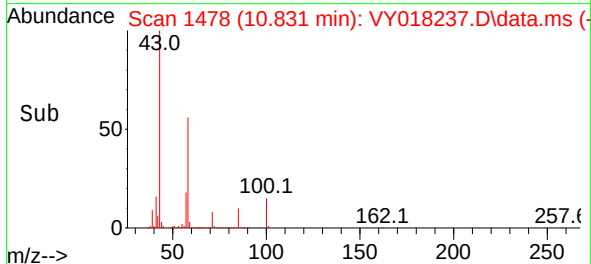
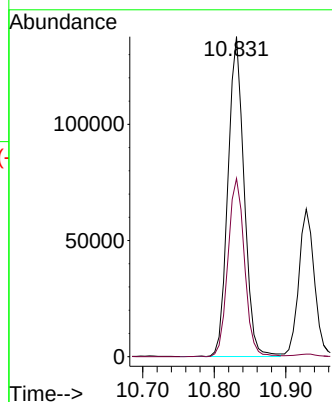
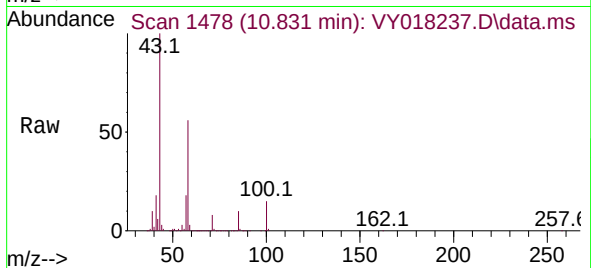




#59
2-Hexanone
Concen: 257.820 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY018237.D
Acq: 13 May 2024 12:34

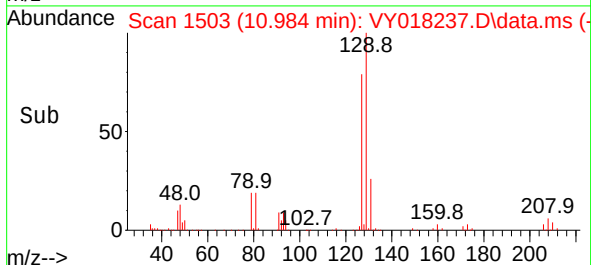
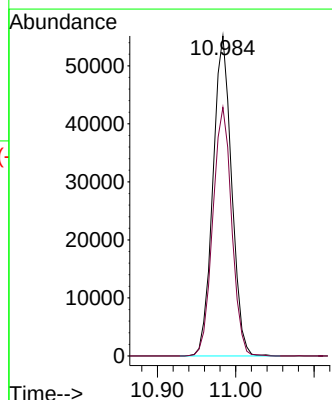
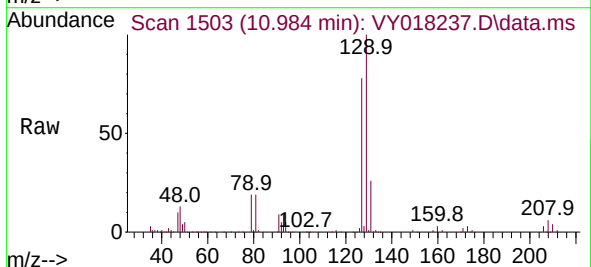
Instrument :
MSVOA_Y
ClientSampleId :

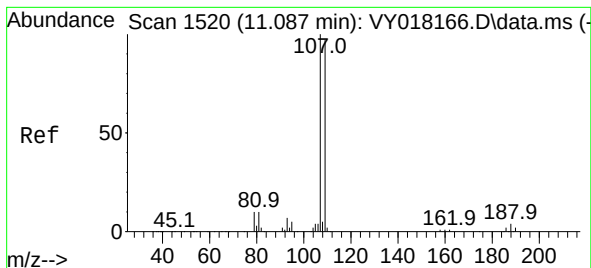
Tgt Ion: 43 Resp: 215951
Ion Ratio Lower Upper
43 100
58 57.1 31.4 94.0



#60
Dibromochloromethane
Concen: 45.888 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY018237.D
Acq: 13 May 2024 12:34

Tgt Ion:129 Resp: 91346
Ion Ratio Lower Upper
129 100
127 78.4 39.0 117.0

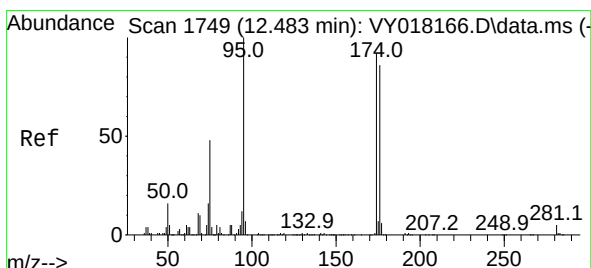
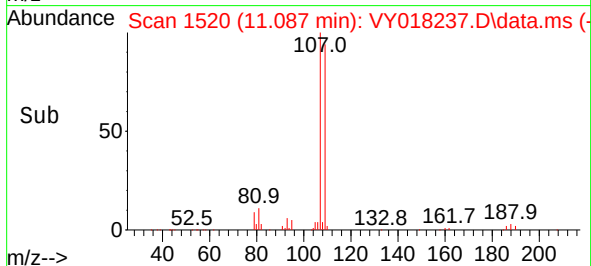
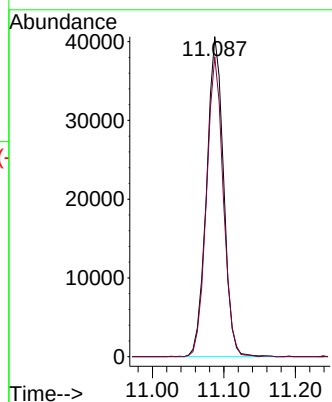
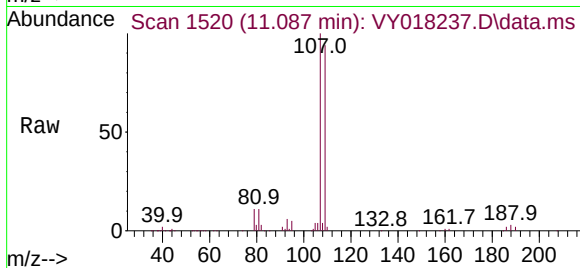




#61
1,2-Dibromoethane
Concen: 46.306 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY018237.D
Acq: 13 May 2024 12:34

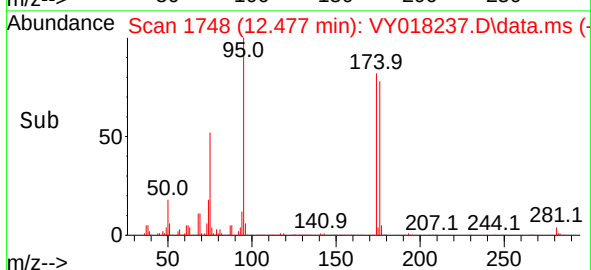
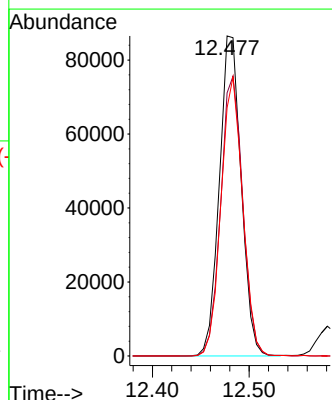
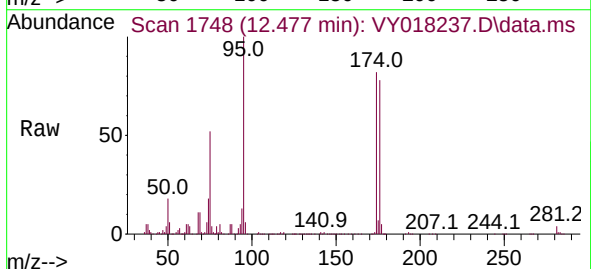
Instrument :
MSVOA_Y
ClientSampleId :

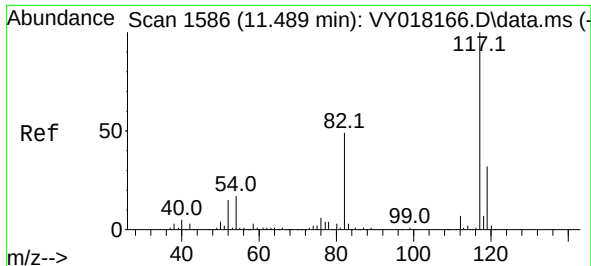
Tgt Ion:107 Resp: 66920
Ion Ratio Lower Upper
107 100
109 92.8 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 55.221 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY018237.D
Acq: 13 May 2024 12:34

Tgt Ion: 95 Resp: 135429
Ion Ratio Lower Upper
95 100
174 88.2 0.0 175.6
176 86.3 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018237.D

Acq: 13 May 2024 12:34

Instrument :

MSVOA_Y

ClientSampleId :

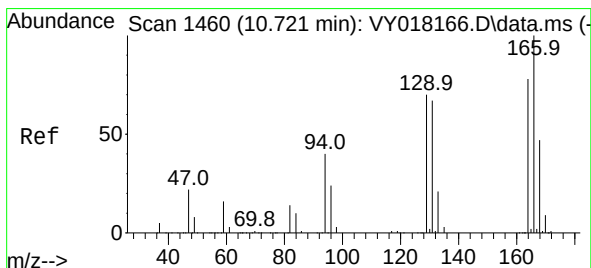
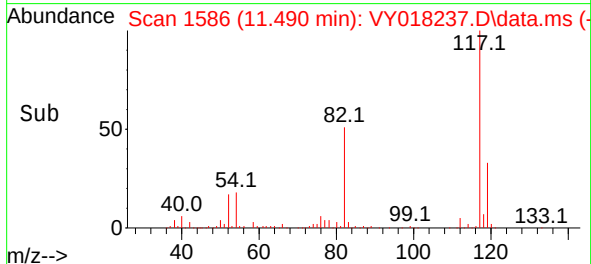
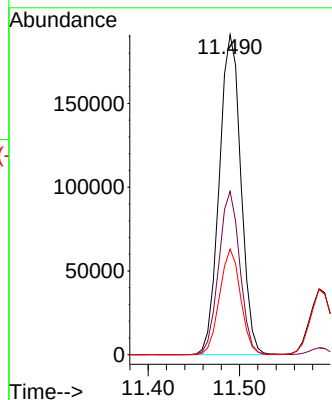
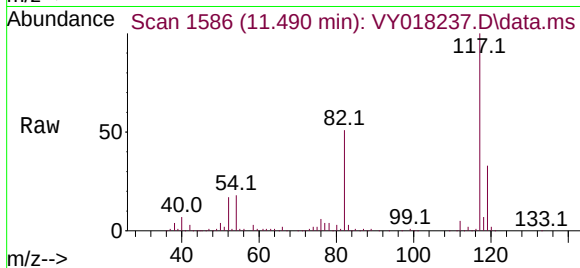
Tgt Ion:117 Resp: 314391

Ion Ratio Lower Upper

117 100

82 51.0 42.4 63.6

119 33.0 25.9 38.9



#64

Tetrachloroethene

Concen: 45.165 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VY018237.D

Acq: 13 May 2024 12:34

Tgt Ion:164 Resp: 94542

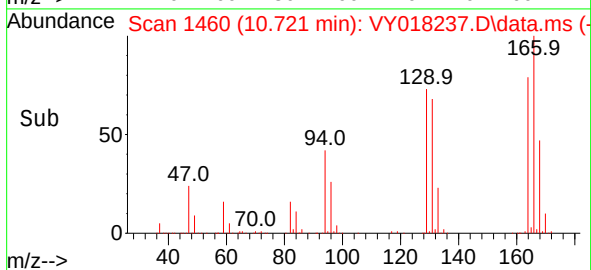
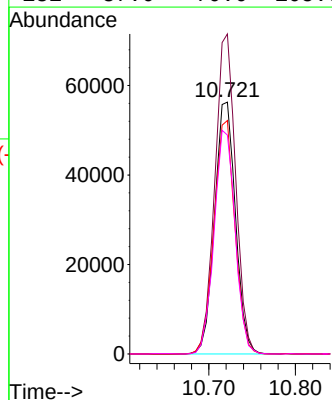
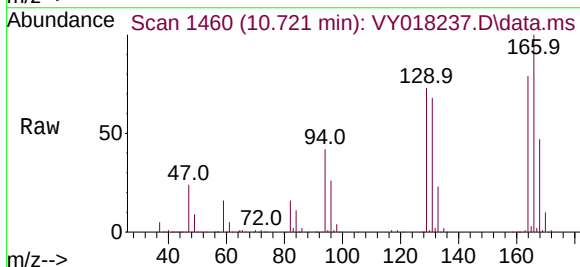
Ion Ratio Lower Upper

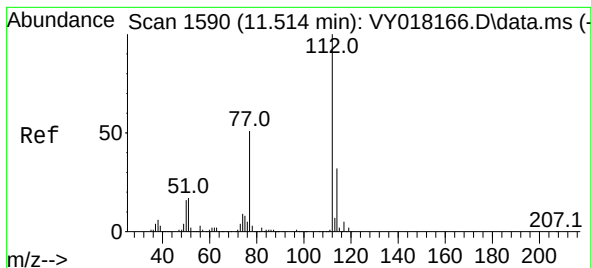
164 100

166 127.1 102.6 154.0

129 92.7 72.0 108.0

131 87.0 70.0 105.0

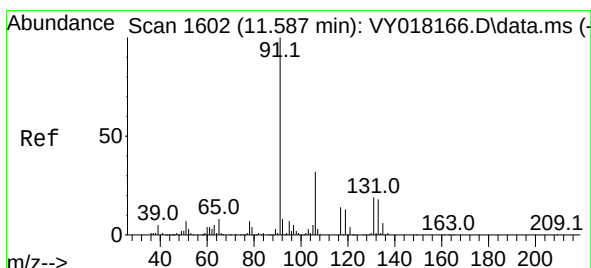
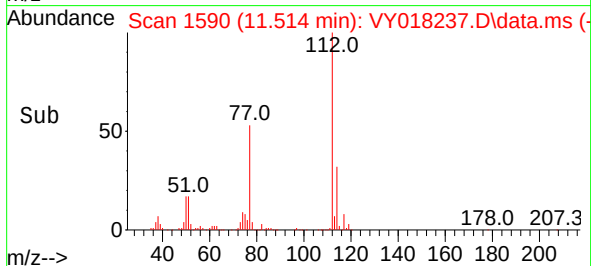
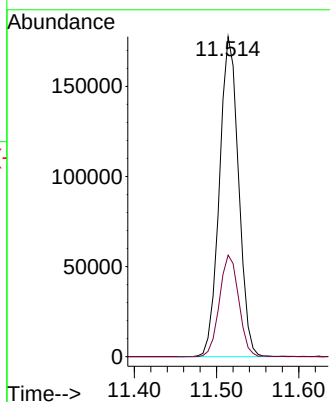
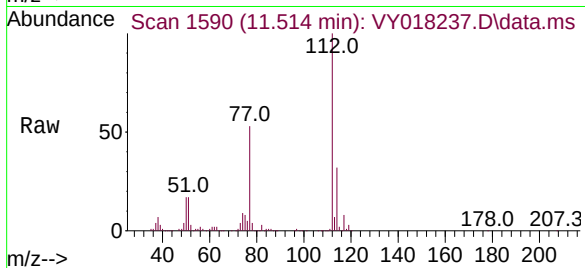




#65
Chlorobenzene
Concen: 44.973 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VY018237.D
Acq: 13 May 2024 12:34

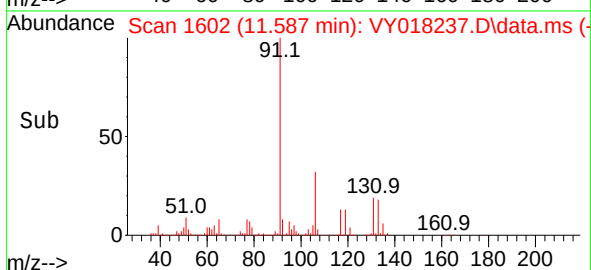
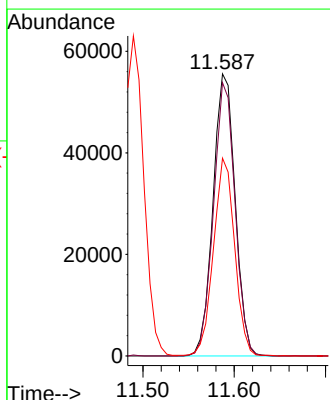
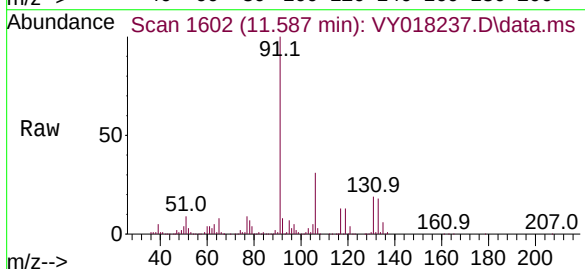
Instrument :
MSVOA_Y
ClientSampleId :

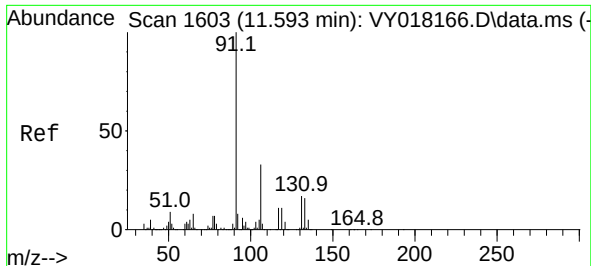
Tgt Ion:112 Resp: 287968
Ion Ratio Lower Upper
112 100
114 31.7 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 45.041 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY018237.D
Acq: 13 May 2024 12:34

Tgt Ion:131 Resp: 93288
Ion Ratio Lower Upper
131 100
133 94.7 47.8 143.3
119 67.5 34.1 102.2





#67

Ethyl Benzene

Concen: 45.325 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY018237.D

Acq: 13 May 2024 12:34

Instrument :

MSVOA_Y

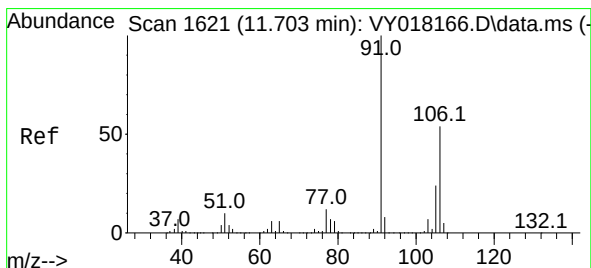
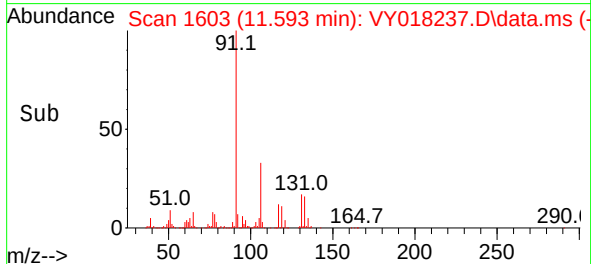
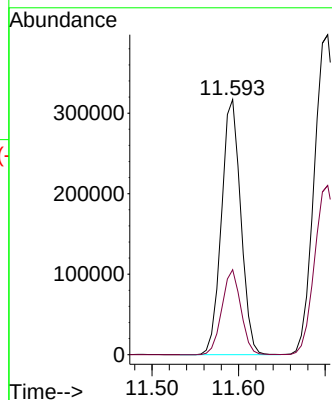
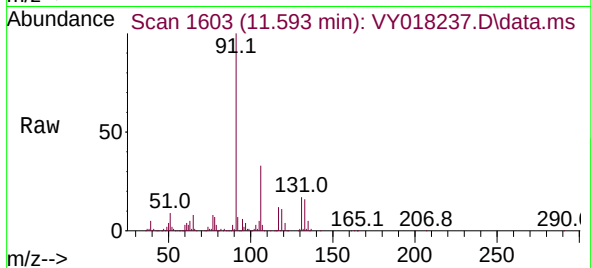
ClientSampleId :

Tgt Ion: 91 Resp: 490017

Ion Ratio Lower Upper

91 100

106 33.3 24.5 36.7



#68

m/p-Xylenes

Concen: 90.888 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.000 min

Lab File: VY018237.D

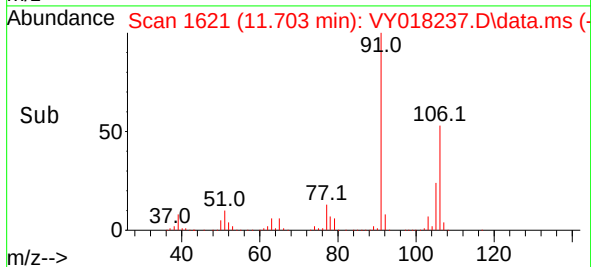
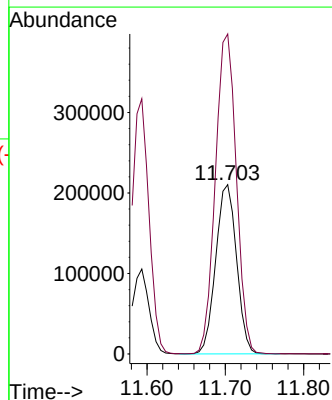
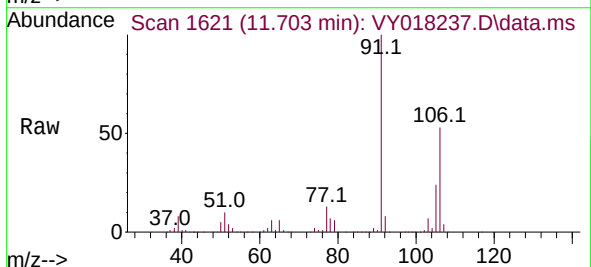
Acq: 13 May 2024 12:34

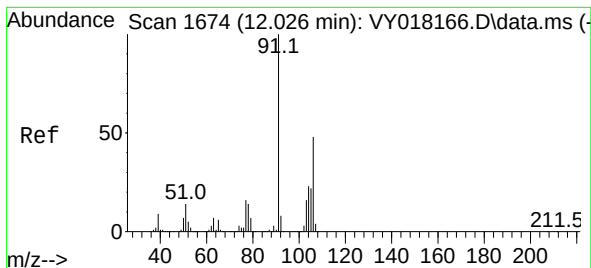
Tgt Ion:106 Resp: 388580

Ion Ratio Lower Upper

106 100

91 190.1 156.0 234.0





#69

o-Xylene

Concen: 44.830 ug/l

RT: 12.026 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018237.D

Acq: 13 May 2024 12:34

Instrument :

MSVOA_Y

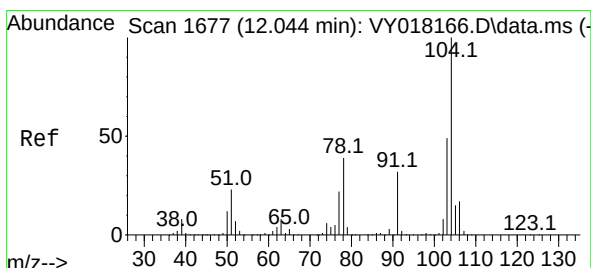
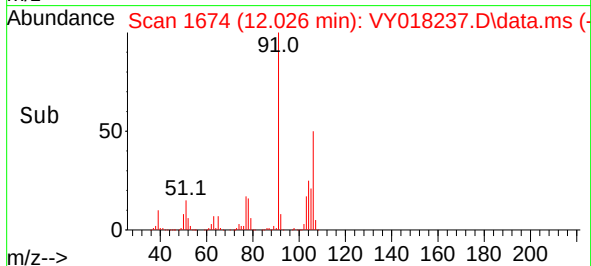
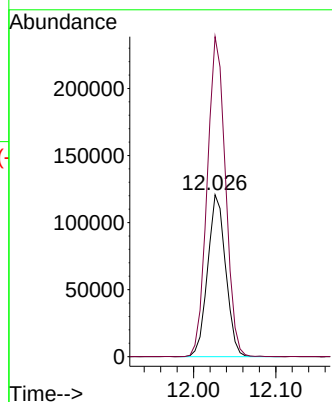
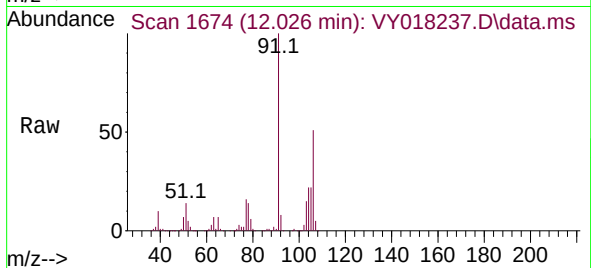
ClientSampleId :

Tgt Ion:106 Resp: 183934

Ion Ratio Lower Upper

106 100

91 200.3 103.6 310.8



#70

Styrene

Concen: 45.145 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY018237.D

Acq: 13 May 2024 12:34

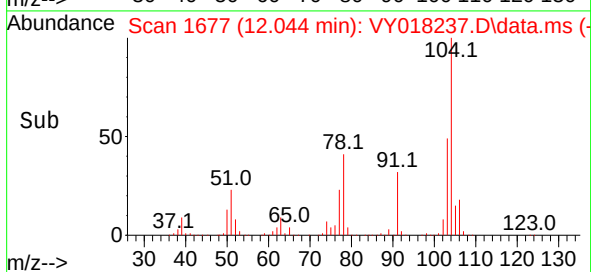
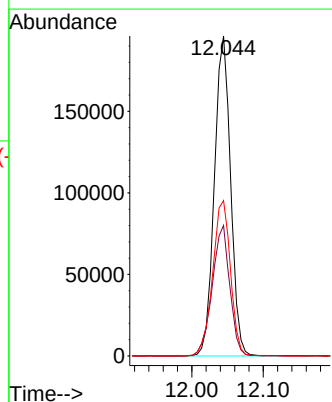
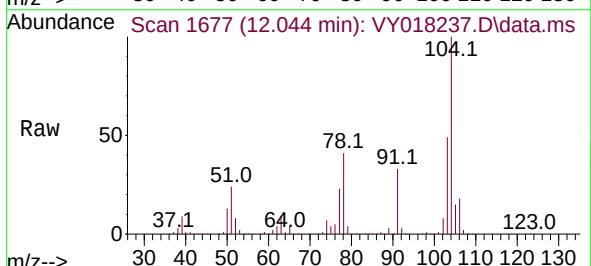
Tgt Ion:104 Resp: 309328

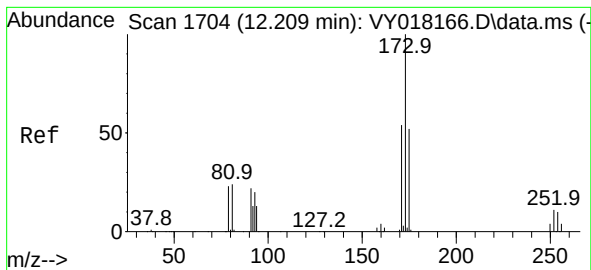
Ion Ratio Lower Upper

104 100

78 44.1 37.0 55.4

103 53.3 44.2 66.2





#71

Bromoform

Concen: 45.666 ug/l

RT: 12.209 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018237.D

Acq: 13 May 2024 12:34

Instrument :

MSVOA_Y

ClientSampleId :

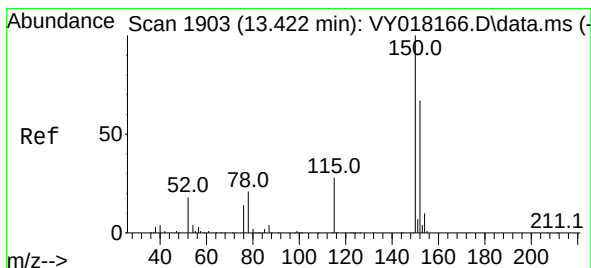
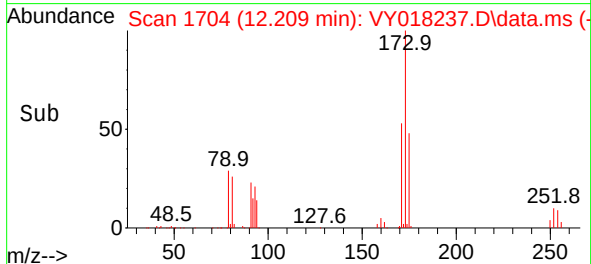
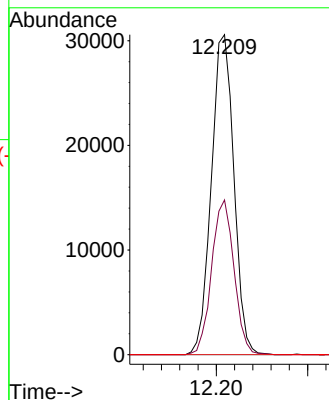
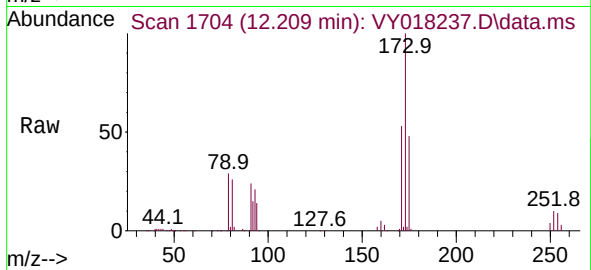
Tgt Ion:173 Resp: 52333

Ion Ratio Lower Upper

173 100

175 48.0 25.1 75.3

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY018237.D

Acq: 13 May 2024 12:34

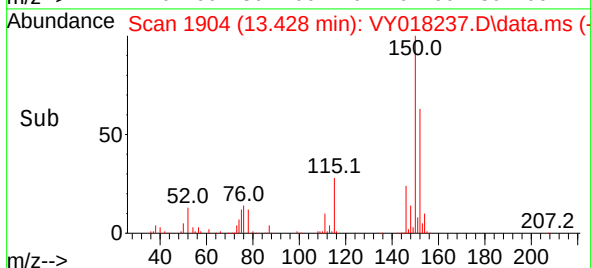
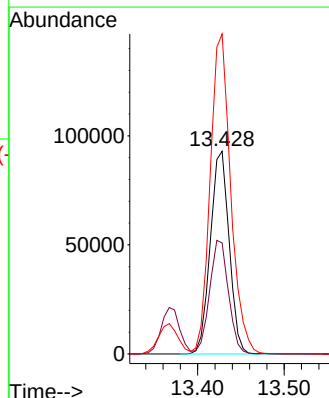
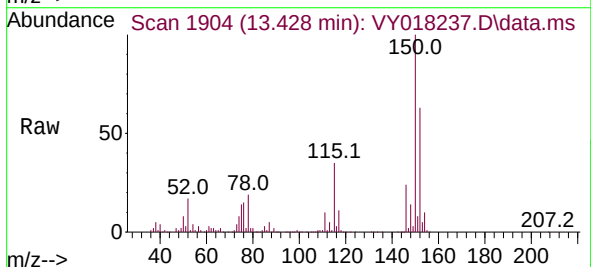
Tgt Ion:152 Resp: 140352

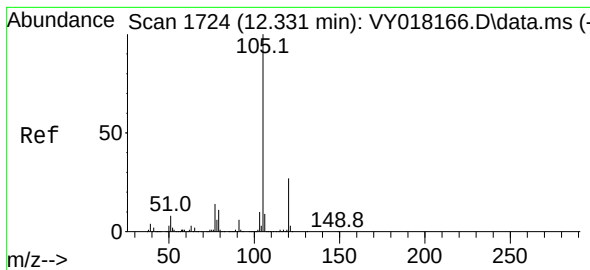
Ion Ratio Lower Upper

152 100

115 56.4 28.2 84.7

150 171.8 0.0 345.6





#73

Isopropylbenzene

Concen: 44.824 ug/l

RT: 12.331 min Scan# 1724

Delta R.T. 0.000 min

Lab File: VY018237.D

Acq: 13 May 2024 12:34

Instrument :

MSVOA_Y

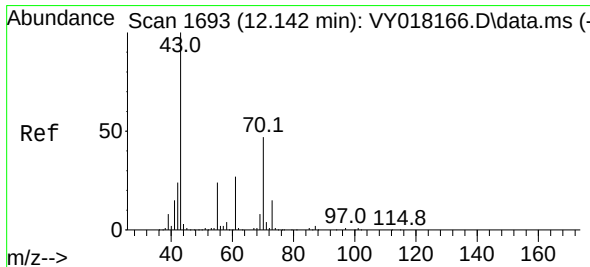
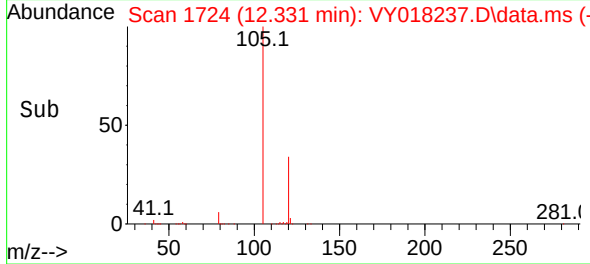
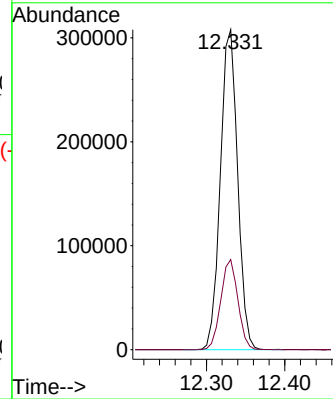
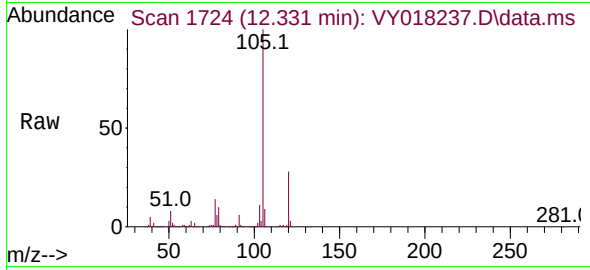
ClientSampleId :

Tgt Ion:105 Resp: 471684

Ion Ratio Lower Upper

105 100

120 27.9 13.4 40.1



#74

N-ethyl acetate

Concen: 47.719 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. 0.000 min

Lab File: VY018237.D

Acq: 13 May 2024 12:34

Tgt Ion: 43 Resp: 104239

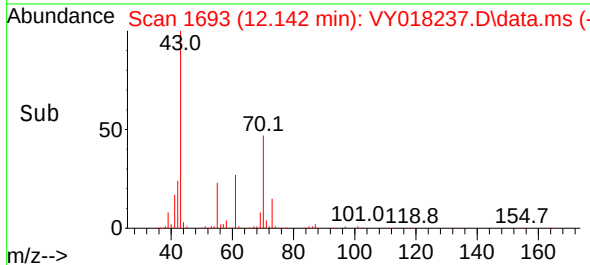
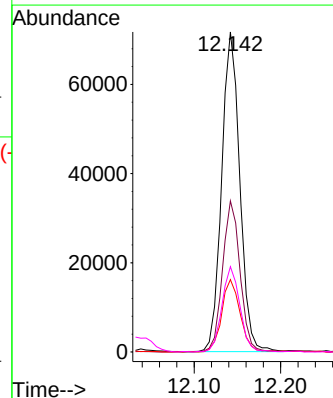
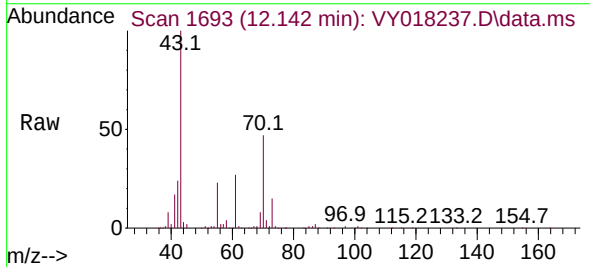
Ion Ratio Lower Upper

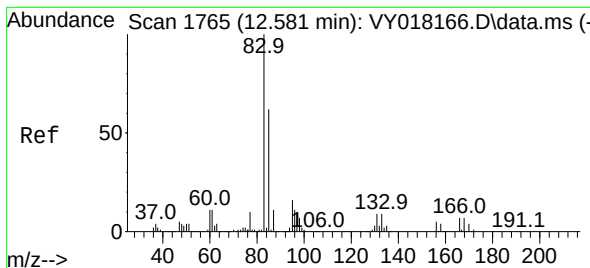
43 100

70 45.9 41.4 62.2

55 23.3 23.3 34.9

61 26.3 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 46.154 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. 0.000 min

Lab File: VY018237.D

Acq: 13 May 2024 12:34

Instrument :

MSVOA_Y

ClientSampleId :

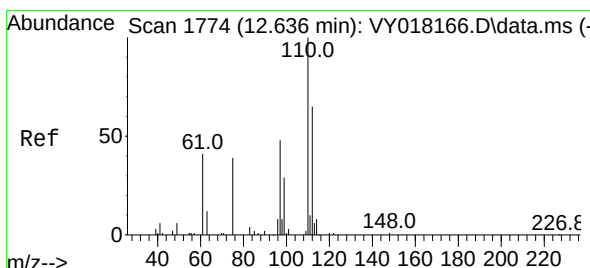
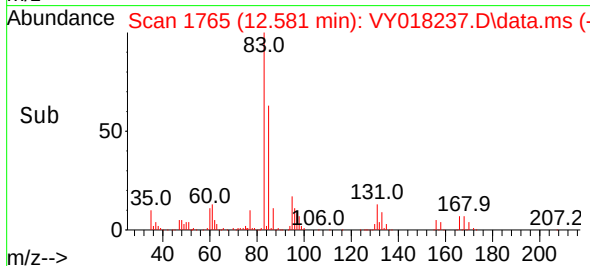
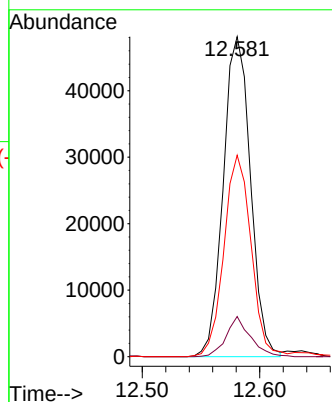
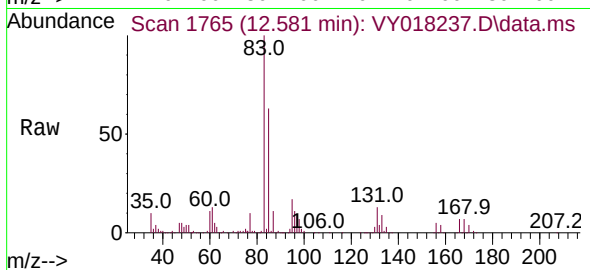
Tgt Ion: 83 Resp: 77476

Ion Ratio Lower Upper

83 100

131 11.2 5.0 14.9

85 62.8 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 85.569 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. -0.006 min

Lab File: VY018237.D

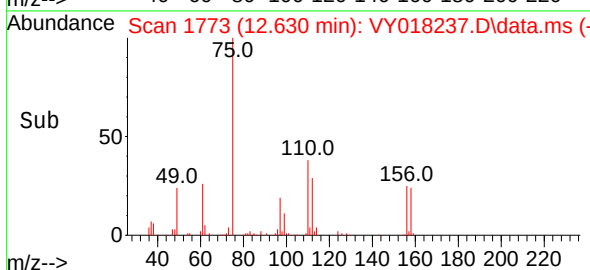
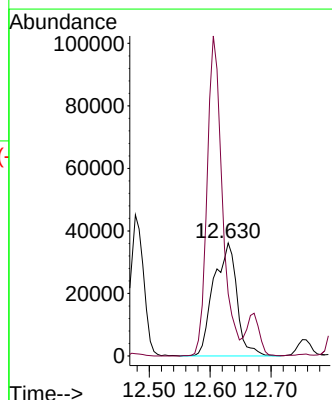
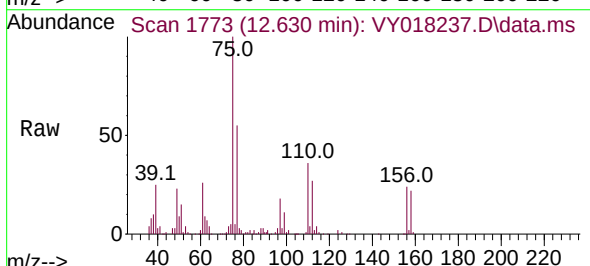
Acq: 13 May 2024 12:34

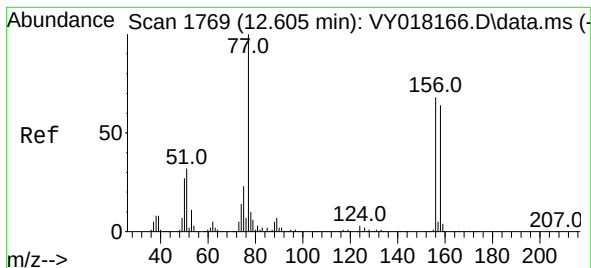
Tgt Ion: 75 Resp: 96130

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 44.766 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

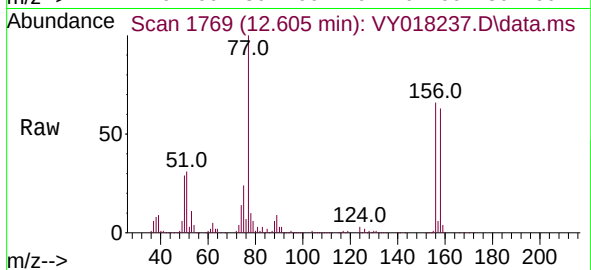
Lab File: VY018237.D

Acq: 13 May 2024 12:34

Instrument :

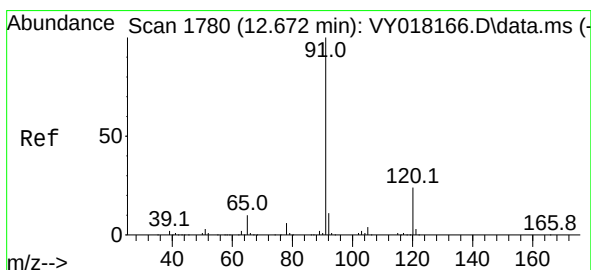
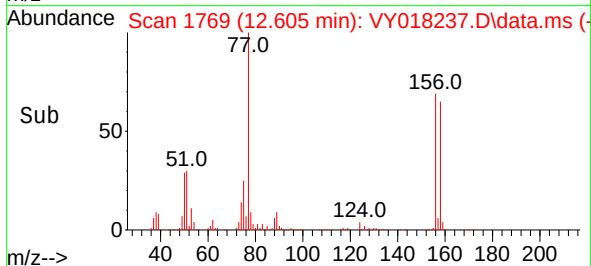
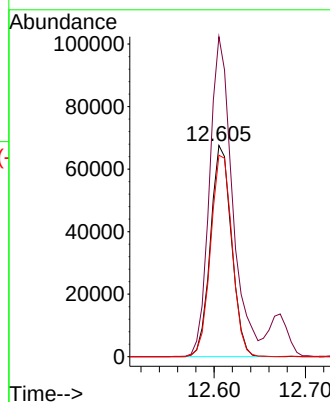
MSVOA_Y

ClientSampleId :



Tgt Ion:156 Resp: 108220

Ion	Ratio	Lower	Upper
156	100		
77	164.3	87.1	261.3
158	97.0	48.6	145.9



#78

n-propylbenzene

Concen: 45.524 ug/l

RT: 12.672 min Scan# 1780

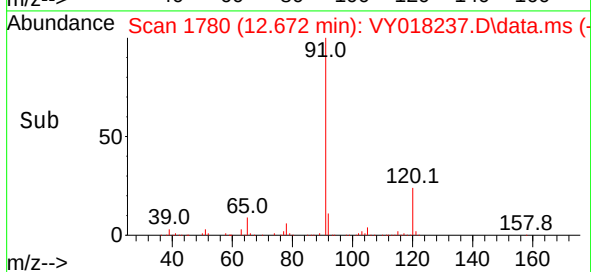
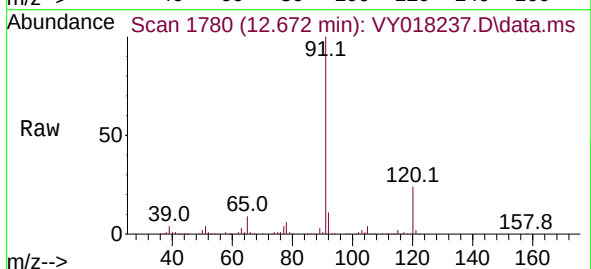
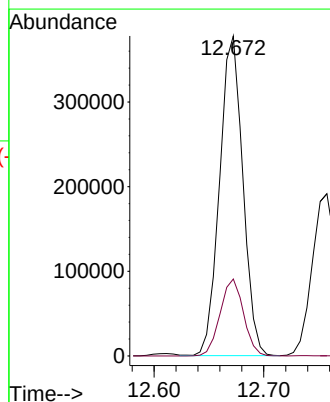
Delta R.T. 0.000 min

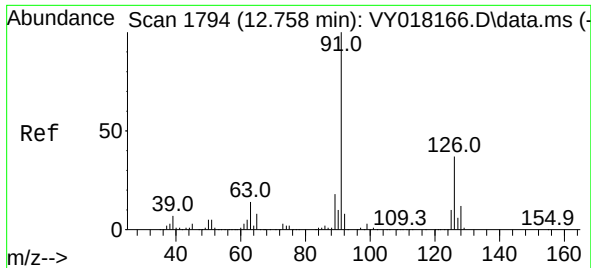
Lab File: VY018237.D

Acq: 13 May 2024 12:34

Tgt Ion: 91 Resp: 557206

Ion	Ratio	Lower	Upper
91	100		
120	24.2	11.5	34.4





#79

2-Chlorotoluene

Concen: 44.464 ug/l

RT: 12.758 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018237.D

Acq: 13 May 2024 12:34

Instrument :

MSVOA_Y

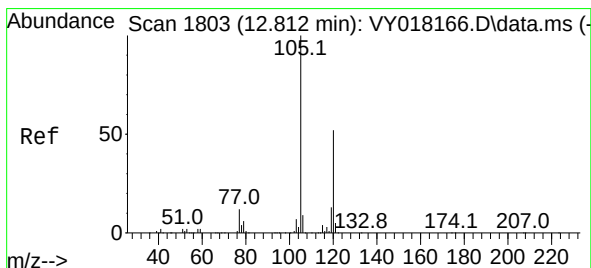
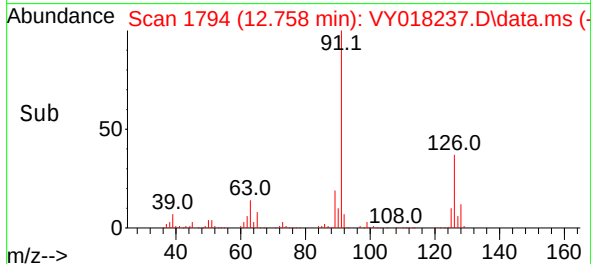
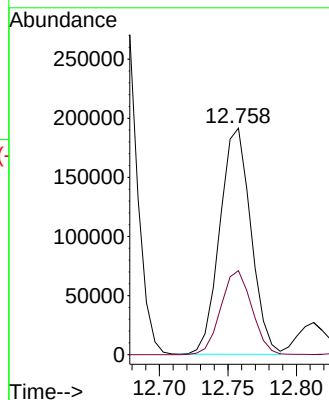
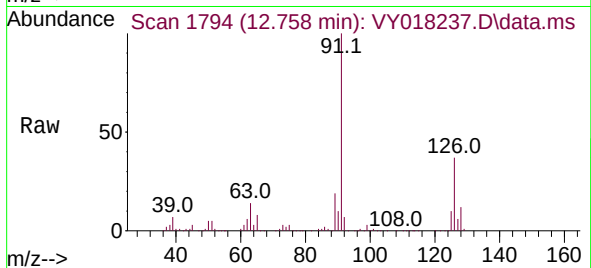
ClientSampleId :

Tgt Ion: 91 Resp: 302423

Ion Ratio Lower Upper

91 100

126 37.2 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 45.291 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VY018237.D

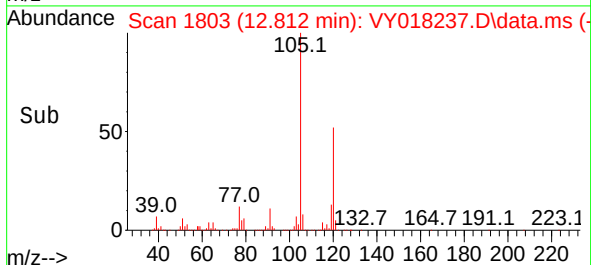
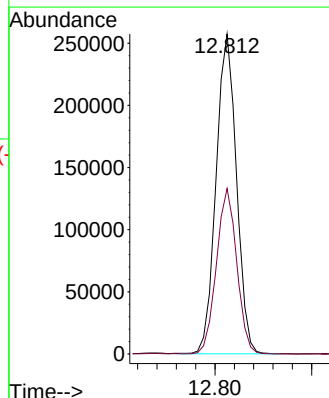
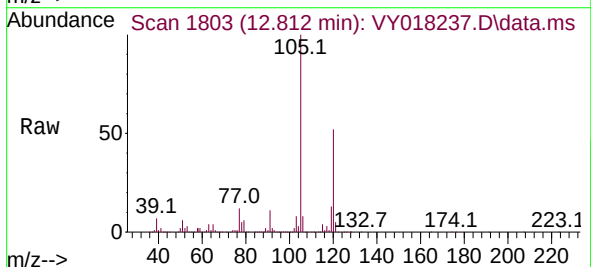
Acq: 13 May 2024 12:34

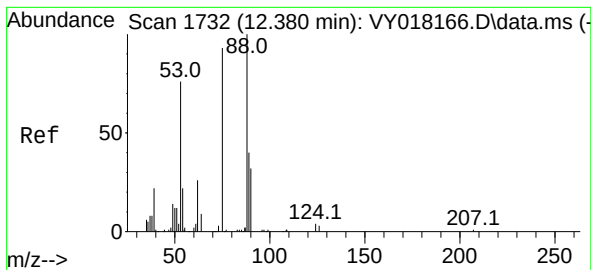
Tgt Ion:105 Resp: 375811

Ion Ratio Lower Upper

105 100

120 51.5 25.1 75.2

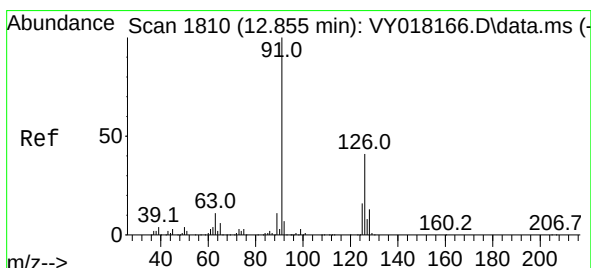
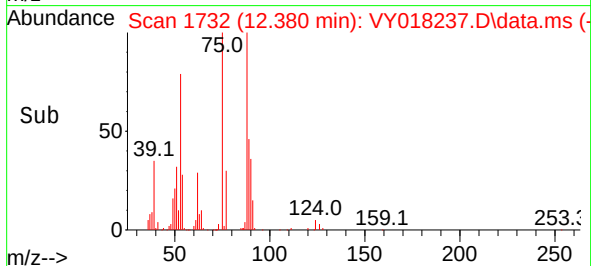
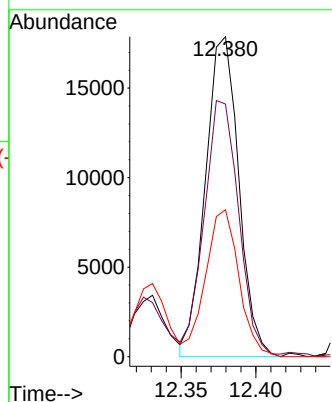
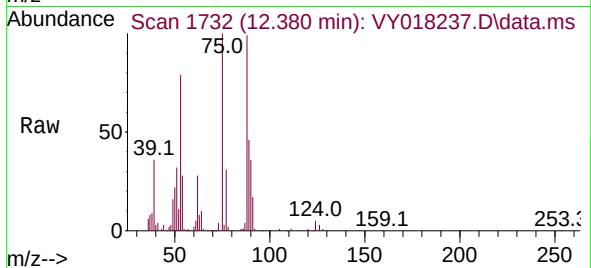




#81
trans-1,4-Dichloro-2-butene
Concen: 47.572 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY018237.D
Acq: 13 May 2024 12:34

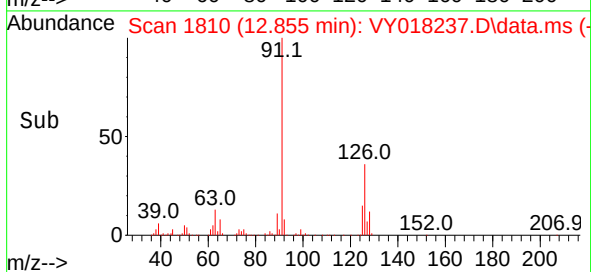
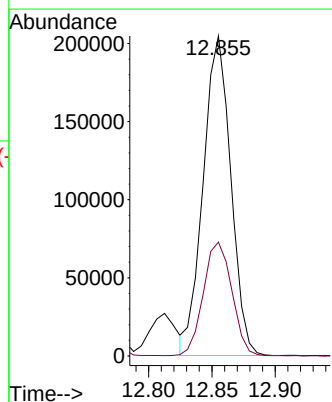
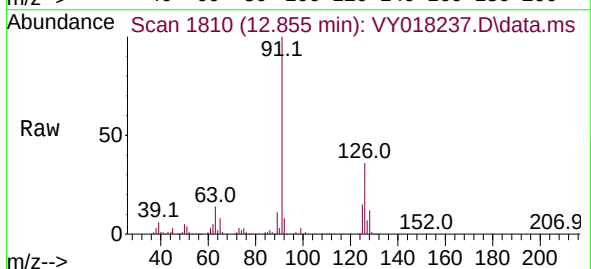
Instrument :
MSVOA_Y
ClientSampleId :

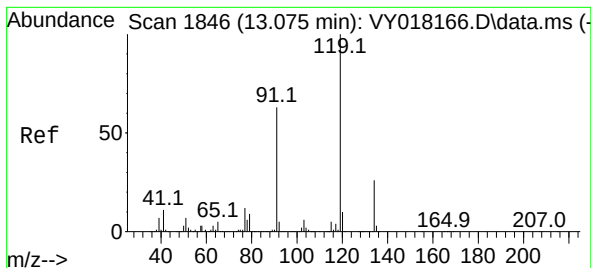
Tgt Ion: 75 Resp: 27739
Ion Ratio Lower Upper
75 100
53 81.4 66.8 100.2
89 46.1 35.8 53.6



#82
4-Chlorotoluene
Concen: 45.481 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY018237.D
Acq: 13 May 2024 12:34

Tgt Ion: 91 Resp: 310724
Ion Ratio Lower Upper
91 100
126 36.8 17.6 52.9





#83

tert-Butylbenzene

Concen: 45.441 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.000 min

Lab File: VY018237.D

Acq: 13 May 2024 12:34

Instrument :

MSVOA_Y

ClientSampleId :

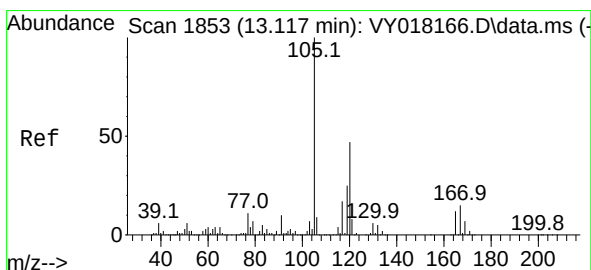
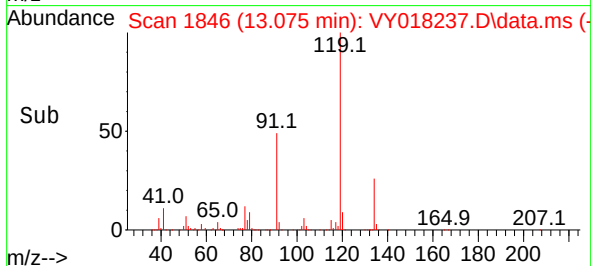
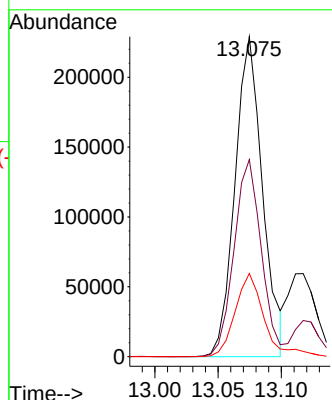
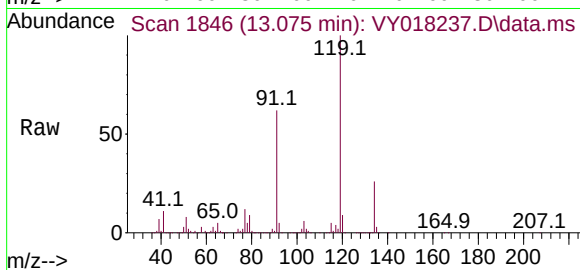
Tgt Ion:119 Resp: 347790

Ion Ratio Lower Upper

119 100

91 60.7 31.3 93.8

134 27.3 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 45.327 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.006 min

Lab File: VY018237.D

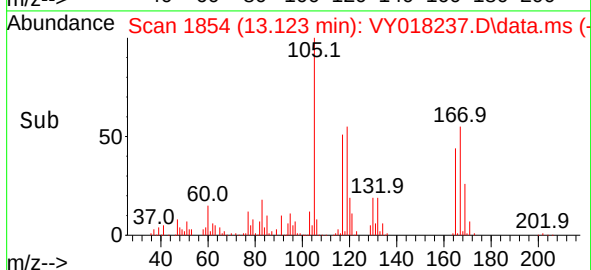
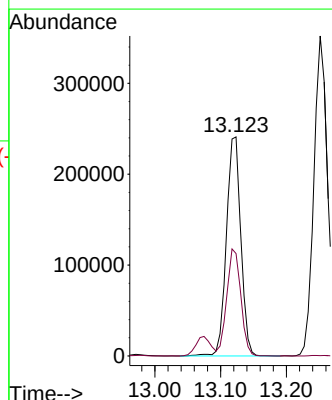
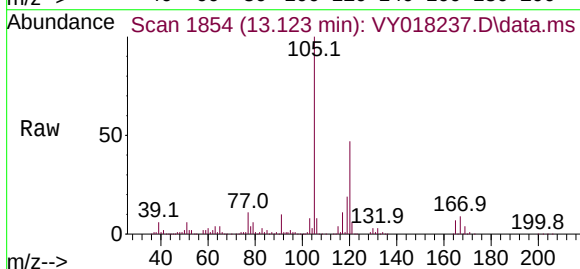
Acq: 13 May 2024 12:34

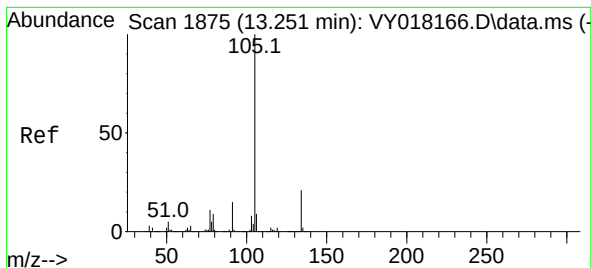
Tgt Ion:105 Resp: 368423

Ion Ratio Lower Upper

105 100

120 47.5 23.2 69.6





#85

sec-Butylbenzene

Concen: 45.464 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY018237.D

Acq: 13 May 2024 12:34

Instrument :

MSVOA_Y

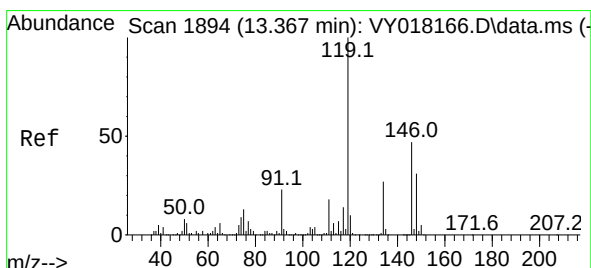
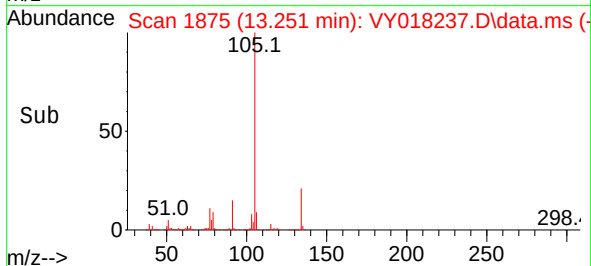
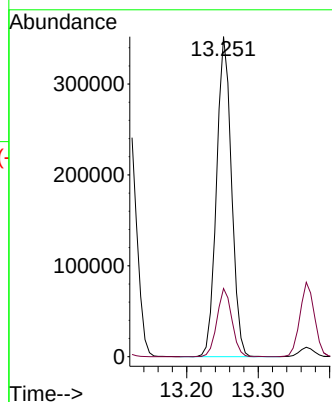
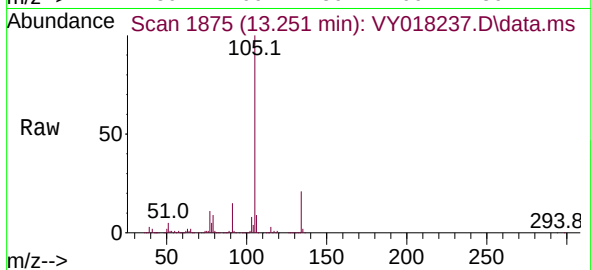
ClientSampleId :

Tgt Ion:105 Resp: 510408

Ion Ratio Lower Upper

105 100

134 21.2 10.1 30.1



#86

p-Isopropyltoluene

Concen: 45.535 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY018237.D

Acq: 13 May 2024 12:34

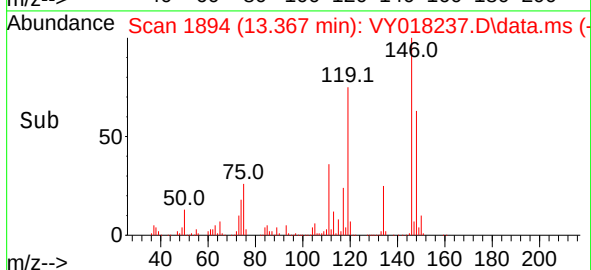
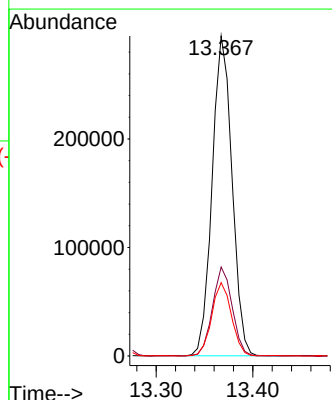
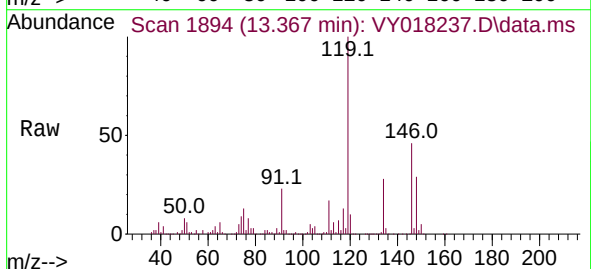
Tgt Ion:119 Resp: 420549

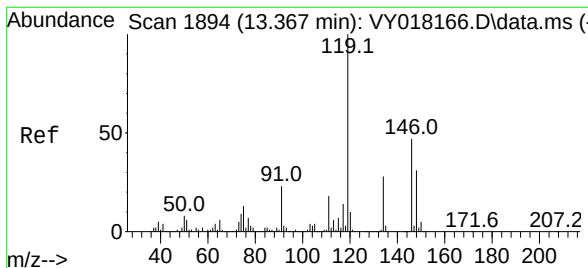
Ion Ratio Lower Upper

119 100

134 27.6 13.1 39.3

91 22.8 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 45.028 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY018237.D

Acq: 13 May 2024 12:34

Instrument :

MSVOA_Y

ClientSampleId :

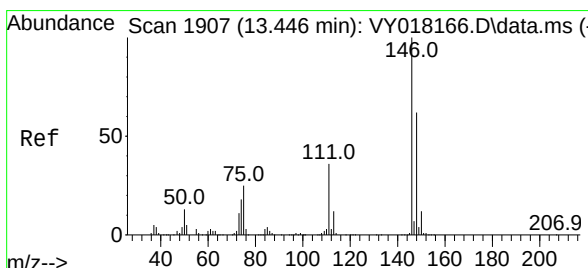
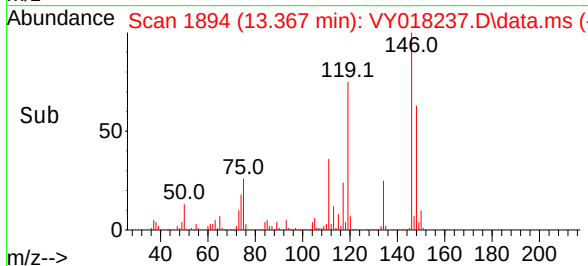
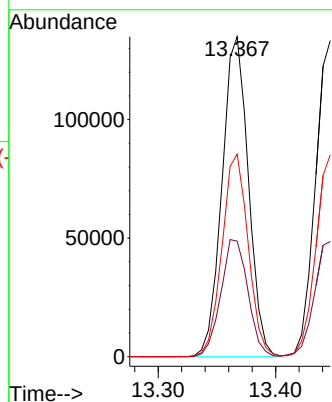
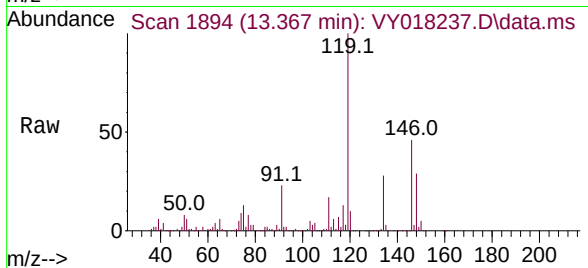
Tgt Ion:146 Resp: 210220

Ion Ratio Lower Upper

146 100

111 37.7 19.0 57.0

148 63.0 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 45.311 ug/l

RT: 13.447 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY018237.D

Acq: 13 May 2024 12:34

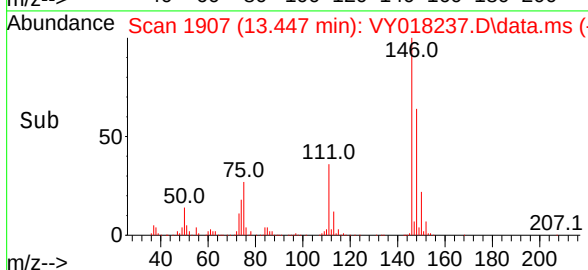
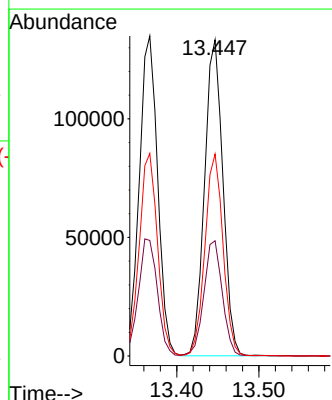
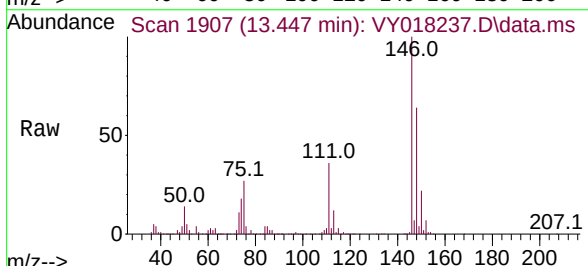
Tgt Ion:146 Resp: 206222

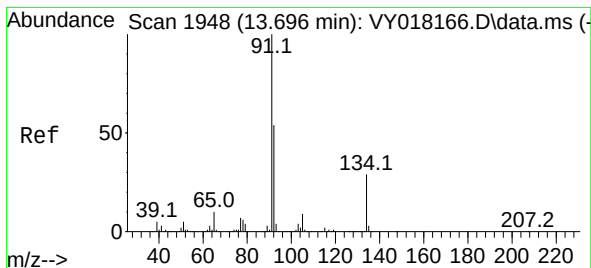
Ion Ratio Lower Upper

146 100

111 36.6 18.4 55.4

148 63.4 32.4 97.2





#89

n-Butylbenzene

Concen: 46.781 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY018237.D

Acq: 13 May 2024 12:34

Instrument :

MSVOA_Y

ClientSampleId :

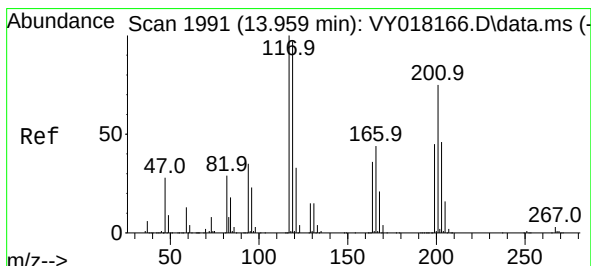
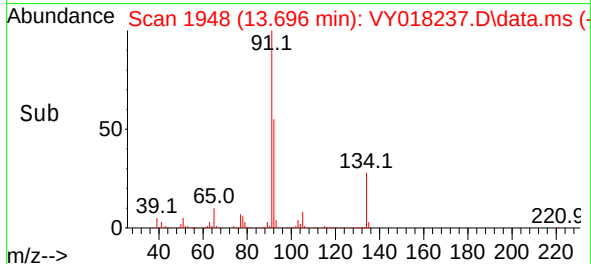
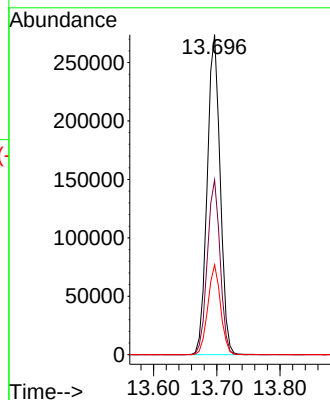
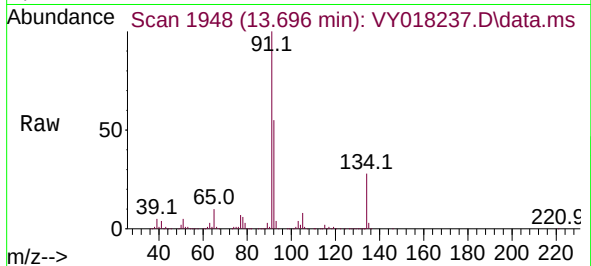
Tgt Ion: 91 Resp: 391012

Ion Ratio Lower Upper

91 100

92 53.8 26.6 79.7

134 27.5 12.9 38.7



#90

Hexachloroethane

Concen: 44.982 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VY018237.D

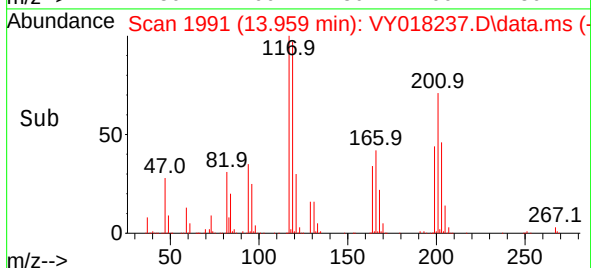
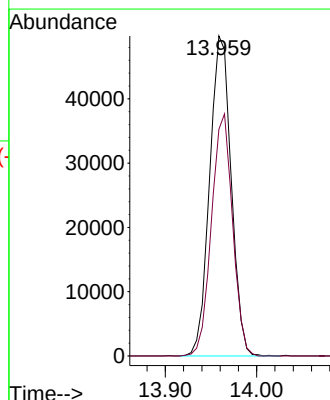
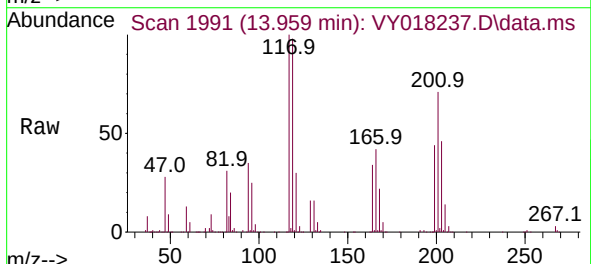
Acq: 13 May 2024 12:34

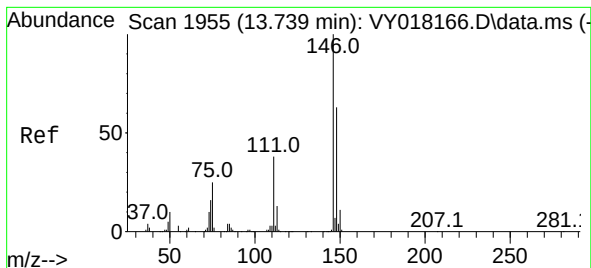
Tgt Ion: 117 Resp: 81502

Ion Ratio Lower Upper

117 100

201 74.1 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 45.776 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY018237.D

Acq: 13 May 2024 12:34

Instrument :

MSVOA_Y

ClientSampleId :

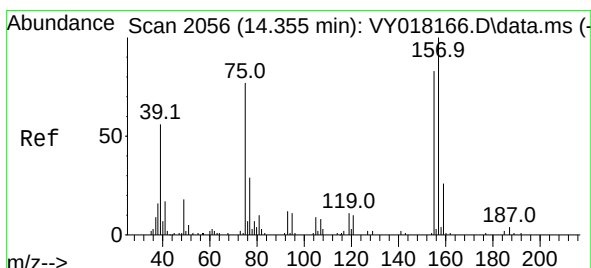
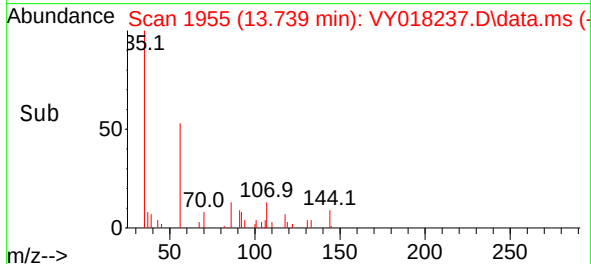
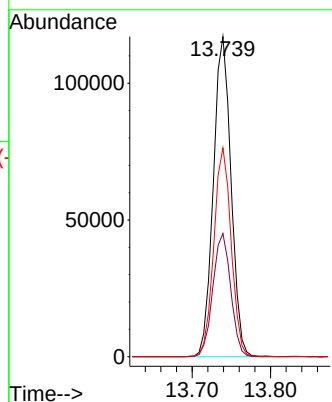
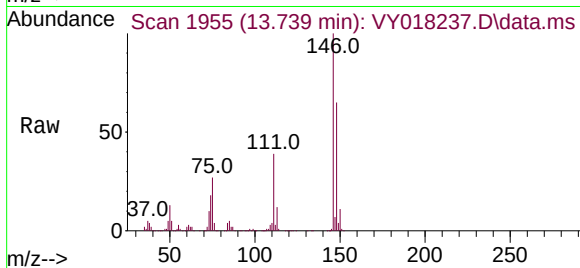
Tgt Ion:146 Resp: 183690

Ion Ratio Lower Upper

146 100

111 38.8 19.9 59.7

148 63.8 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 47.775 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VY018237.D

Acq: 13 May 2024 12:34

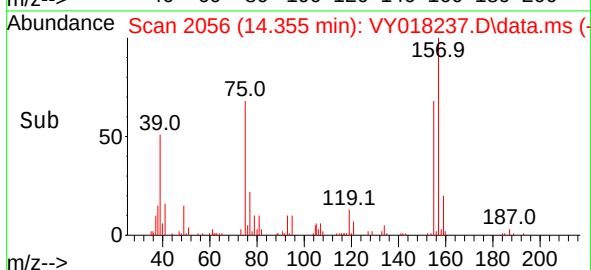
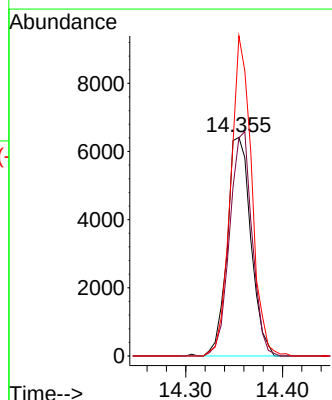
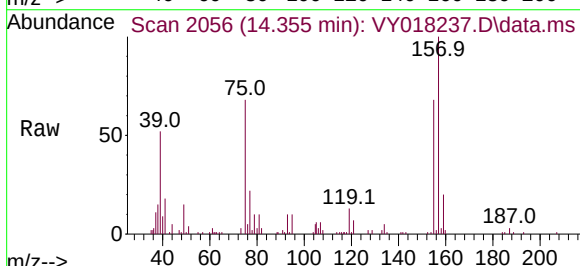
Tgt Ion: 75 Resp: 10920

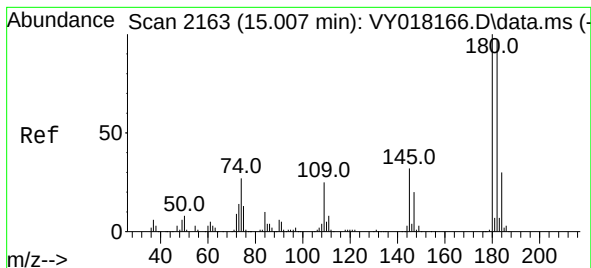
Ion Ratio Lower Upper

75 100

155 96.6 48.6 145.8

157 129.4 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 47.590 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY018237.D

Acq: 13 May 2024 12:34

Instrument :

MSVOA_Y

ClientSampleId :

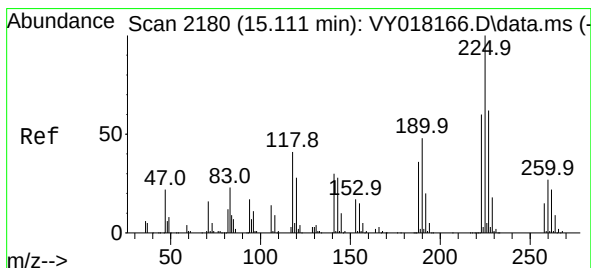
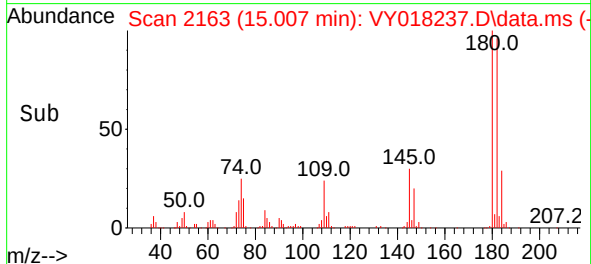
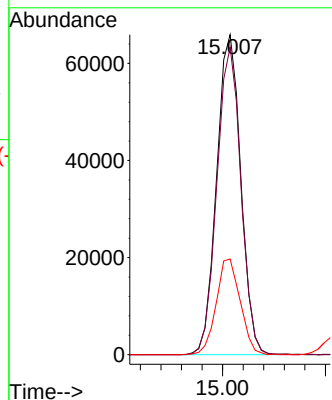
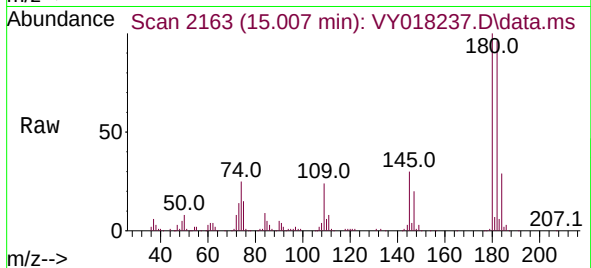
Tgt Ion:180 Resp: 107359

Ion Ratio Lower Upper

180 100

182 95.7 47.9 143.8

145 29.8 14.2 42.6



#94

Hexachlorobutadiene

Concen: 48.272 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY018237.D

Acq: 13 May 2024 12:34

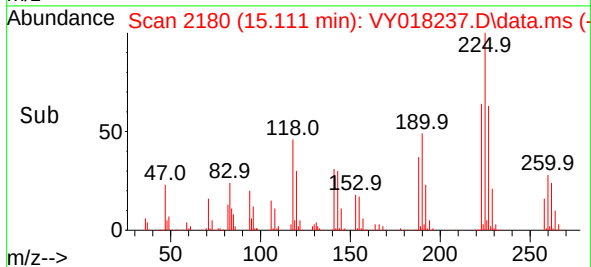
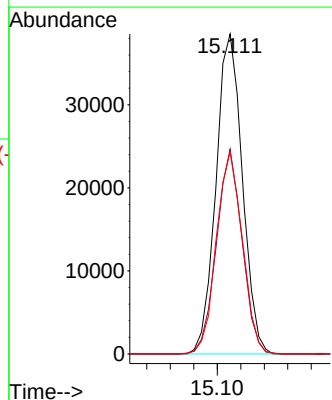
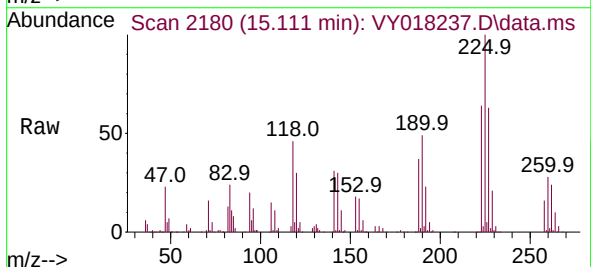
Tgt Ion:225 Resp: 60083

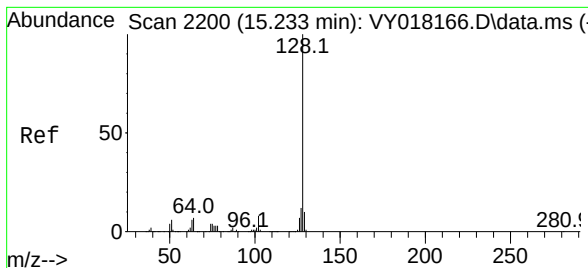
Ion Ratio Lower Upper

225 100

223 61.9 30.4 91.2

227 62.2 31.9 95.9





#95

Naphthalene

Concen: 48.720 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. 0.000 min

Lab File: VY018237.D

Acq: 13 May 2024 12:34

Instrument :

MSVOA_Y

ClientSampleId :

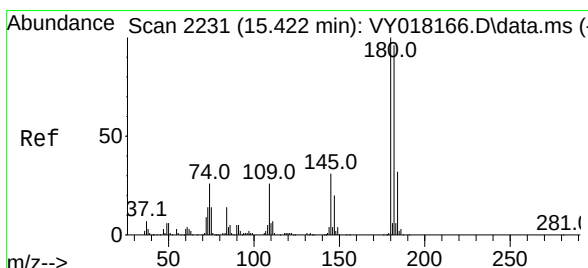
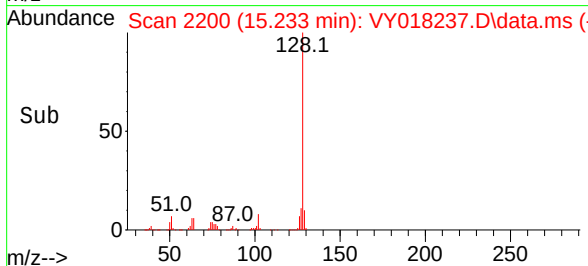
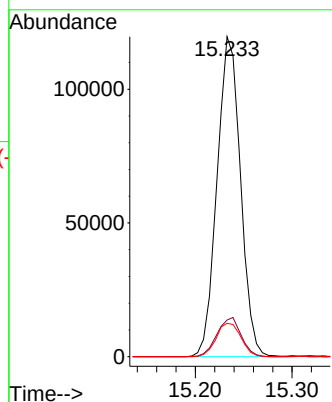
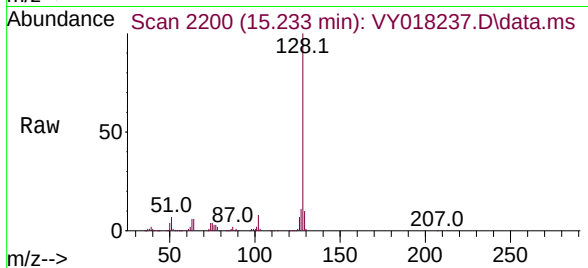
Tgt Ion:128 Resp: 201396

Ion Ratio Lower Upper

128 100

127 12.6 10.6 16.0

129 11.1 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 50.014 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY018237.D

Acq: 13 May 2024 12:34

Tgt Ion:180 Resp: 92592

Ion Ratio Lower Upper

180 100

182 92.4 47.6 142.9

145 31.4 15.4 46.1

