

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051324\
 Data File : VY018240.D
 Acq On : 13 May 2024 13:49
 Operator : SY/MD
 Sample : VY0513SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 14 02:28:27 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	206600	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	346351	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	302096	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	134453	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	83781	55.123	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 110.240%	
35) Dibromofluoromethane	7.710	113	94305	51.809	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.620%	
50) Toluene-d8	10.179	98	368954	51.437	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.880%	
62) 4-Bromofluorobenzene	12.483	95	116120	50.129	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 100.260%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	34071	20.795	ug/l	97
3) Chloromethane	2.107	50	46787	21.332	ug/l	100
4) Vinyl Chloride	2.241	62	56961	21.424	ug/l	96
5) Bromomethane	2.631	94	40115	21.726	ug/l	95
6) Chloroethane	2.784	64	36474	21.616	ug/l	100
7) Trichlorofluoromethane	3.113	101	62492	20.067	ug/l	91
8) Diethyl Ether	3.515	74	21160	20.640	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.887	101	37769	19.030	ug/l	98
10) Methyl Iodide	4.088	142	44852	19.352	ug/l	99
11) Tert butyl alcohol	4.948	59	21179	153.996	ug/l	99
12) 1,1-Dichloroethene	3.863	96	39664	19.852	ug/l	92
13) Acrolein	3.717	56	25363	169.300	ug/l	98
14) Allyl chloride	4.473	41	51672	20.329	ug/l	97
15) Acrylonitrile	5.149	53	45859	116.321	ug/l	96
16) Acetone	3.936	43	33357	109.977	ug/l	93
17) Carbon Disulfide	4.186	76	118336	21.756	ug/l	99
18) Methyl Acetate	4.473	43	17775	20.573	ug/l	100
19) Methyl tert-butyl Ether	5.210	73	93812	21.078	ug/l	98
20) Methylene Chloride	4.704	84	55730	25.995	ug/l	98
21) trans-1,2-Dichloroethene	5.204	96	43079	20.340	ug/l #	81
22) Diisopropyl ether	6.106	45	107350	19.909	ug/l #	90
23) Vinyl Acetate	6.051	43	355565	108.497	ug/l	98
24) 1,1-Dichloroethane	6.009	63	63434	19.101	ug/l	98
25) 2-Butanone	6.984	43	56191	115.896	ug/l	92
26) 2,2-Dichloropropane	6.972	77	58013	19.301	ug/l	96
27) cis-1,2-Dichloroethene	6.978	96	49922	19.945	ug/l	97
28) Bromochloromethane	7.326	49	29392	22.143	ug/l	97
29) Tetrahydrofuran	7.344	42	38097	119.039	ug/l	97
30) Chloroform	7.502	83	67553	19.485	ug/l	94
31) Cyclohexane	7.777	56	63832	20.308	ug/l	95
32) 1,1,1-Trichloroethane	7.698	97	59878	19.269	ug/l	98
36) 1,1-Dichloropropene	7.911	75	52300	20.043	ug/l	99
37) Ethyl Acetate	7.064	43	26022	23.693	ug/l #	94
38) Carbon Tetrachloride	7.893	117	53543	18.779	ug/l	99
39) Methylcyclohexane	9.179	83	74811	19.873	ug/l	95
40) Benzene	8.155	78	165381	19.703	ug/l	97

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 ClientSampleId :

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.295	41	10177	16.047	ug/l #	74
42) 1,2-Dichloroethane	8.234	62	37097	20.313	ug/l	97
43) Isopropyl Acetate	8.265	43	49973	22.198	ug/l	95
44) Trichloroethene	8.935	130	43182	18.899	ug/l	99
45) 1,2-Dichloropropane	9.209	63	35091	19.123	ug/l	99
46) Dibromomethane	9.301	93	22063	20.914	ug/l	99
47) Bromodichloromethane	9.490	83	50551	19.383	ug/l	98
48) Methyl methacrylate	9.289	41	22197	21.514	ug/l	91
49) 1,4-Dioxane	9.289	88	5956	425.340	ug/l #	100
51) 4-Methyl-2-Pentanone	10.069	43	128110	113.225	ug/l	95
52) Toluene	10.240	92	103444	19.144	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	48549	19.930	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	58917	19.786	ug/l	94
55) 1,1,2-Trichloroethane	10.642	97	29599	20.425	ug/l	97
56) Ethyl methacrylate	10.508	69	40958	20.810	ug/l #	90
57) 1,3-Dichloropropane	10.788	76	48775	20.680	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	91852	97.734	ug/l	97
59) 2-Hexanone	10.831	43	89974	113.729	ug/l	95
60) Dibromochloromethane	10.984	129	37328	19.853	ug/l	98
61) 1,2-Dibromoethane	11.087	107	27827	20.386	ug/l	99
64) Tetrachloroethene	10.721	164	37761	18.774	ug/l	95
65) Chlorobenzene	11.514	112	115023	18.695	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	36178	18.178	ug/l	99
67) Ethyl Benzene	11.593	91	193464	18.623	ug/l	94
68) m/p-Xylenes	11.703	106	154409	37.586	ug/l	98
69) o-Xylene	12.026	106	73857	18.734	ug/l	95
70) Styrene	12.044	104	124472	18.906	ug/l	98
71) Bromoform	12.209	173	21667	19.676	ug/l #	97
73) Isopropylbenzene	12.331	105	190198	18.867	ug/l	98
74) N-amyl acetate	12.142	43	44345	21.191	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.581	83	32433	20.169	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	41521	38.581	ug/l #	100
77) Bromobenzene	12.605	156	42710	18.442	ug/l	97
78) n-propylbenzene	12.672	91	223274	19.042	ug/l	98
79) 2-Chlorotoluene	12.758	91	121868	18.704	ug/l	96
80) 1,3,5-Trimethylbenzene	12.812	105	151707	19.085	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.374	75	11332	20.287	ug/l	97
82) 4-Chlorotoluene	12.855	91	125676	19.202	ug/l	98
83) tert-Butylbenzene	13.075	119	140204	19.122	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	149078	19.146	ug/l	99
85) sec-Butylbenzene	13.251	105	204971	19.059	ug/l	99
86) p-Isopropyltoluene	13.367	119	169522	19.160	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	84638	18.924	ug/l	100
88) 1,4-Dichlorobenzene	13.447	146	83254	19.095	ug/l	99
89) n-Butylbenzene	13.696	91	153461	19.166	ug/l	98
90) Hexachloroethane	13.959	117	31762	18.299	ug/l	95
91) 1,2-Dichlorobenzene	13.739	146	74983	19.506	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	4808	21.958	ug/l	95
93) 1,2,4-Trichlorobenzene	15.007	180	41652	19.274	ug/l	98
94) Hexachlorobutadiene	15.111	225	22544	18.907	ug/l	98
95) Naphthalene	15.233	128	81118	20.484	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	34502	19.454	ug/l	97

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ALS Vial : 5 Sample Multiplier: 1

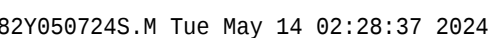
Instrument :
MSVOA_Y
ClientSampleId :

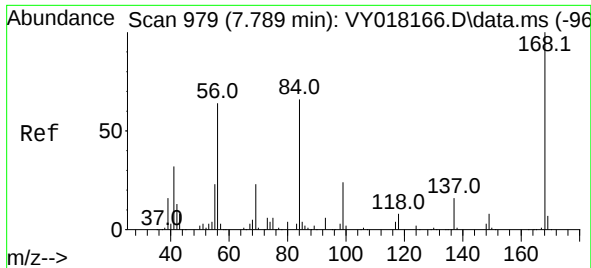
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Quant Title : SW846 8260
QLast Update : Wed May 08 01:40:14 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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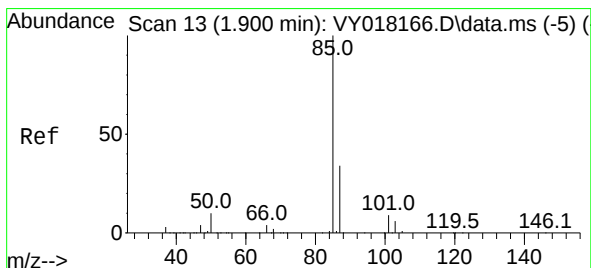
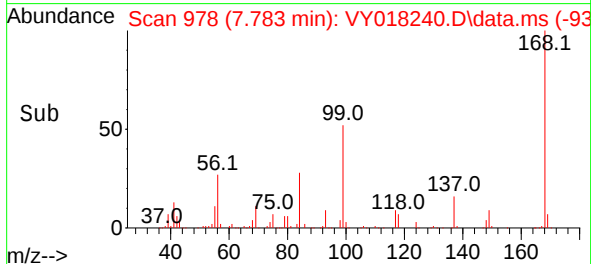
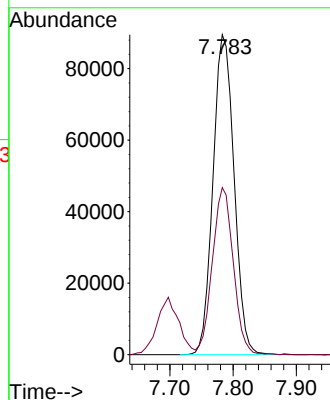
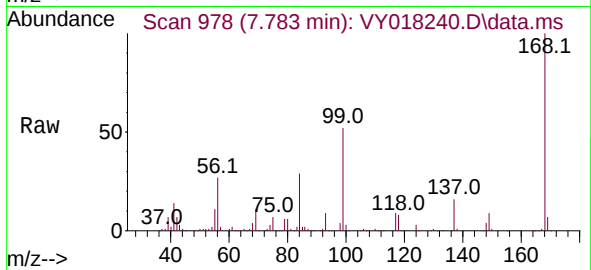




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018240.D
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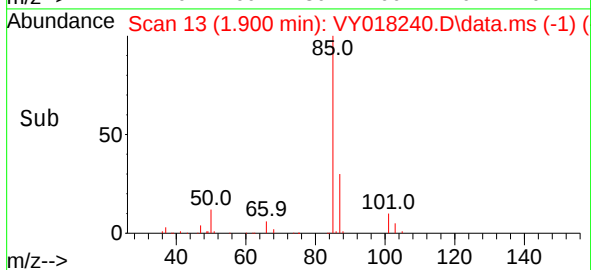
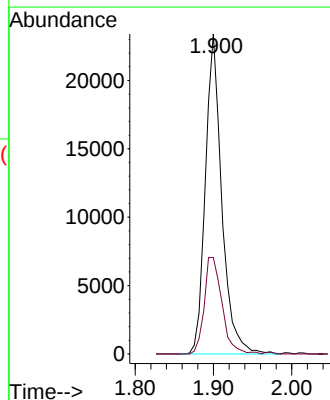
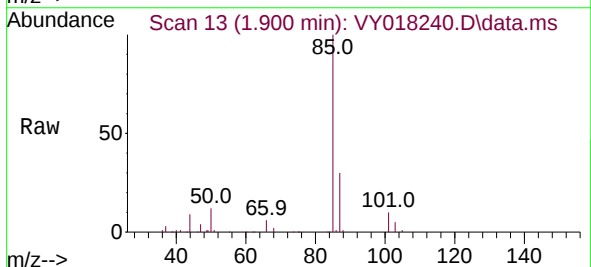
Instrument :
MSVOA_Y
ClientSampleId :

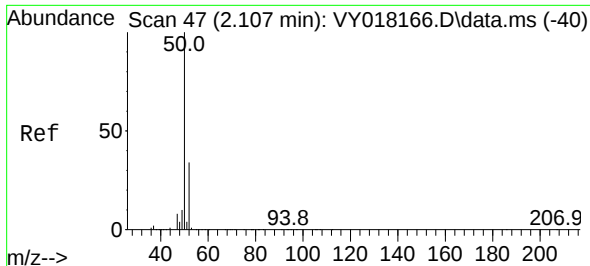
Tgt Ion:168 Resp: 206600
Ion Ratio Lower Upper
168 100
99 52.2 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 20.795 ug/l
RT: 1.900 min Scan# 13
Delta R.T. 0.000 min
Lab File: VY018240.D
Acq: 13 May 2024 13:49

Tgt Ion: 85 Resp: 34071
Ion Ratio Lower Upper
85 100
87 30.1 16.0 48.0

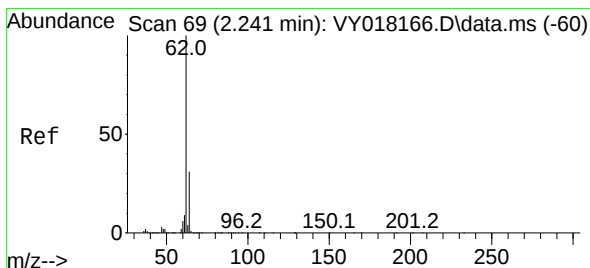
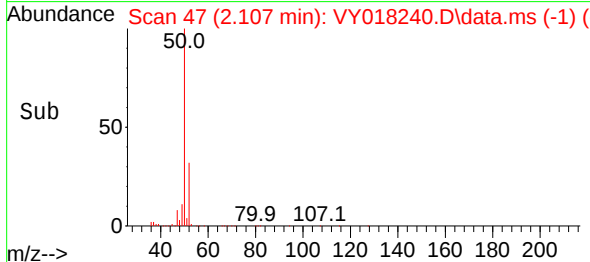
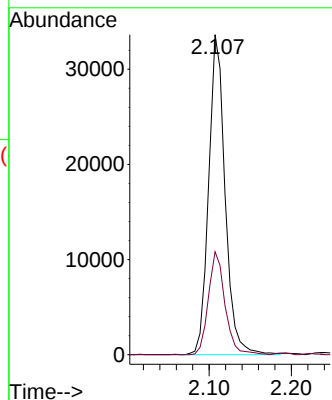
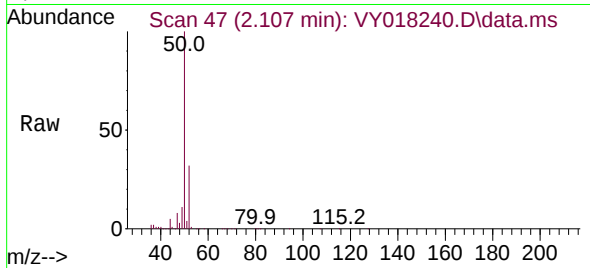




#3
Chloromethane
Concen: 21.332 ug/l
RT: 2.107 min Scan# 47
Delta R.T. 0.000 min
Lab File: VY018240.D
Acq: 13 May 2024 13:49

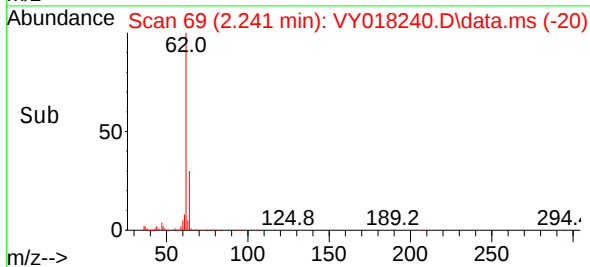
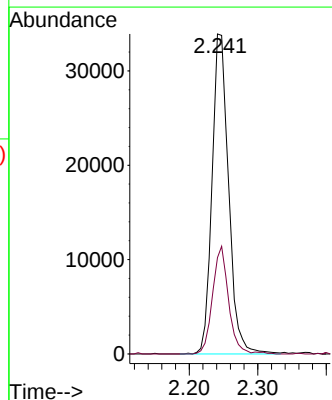
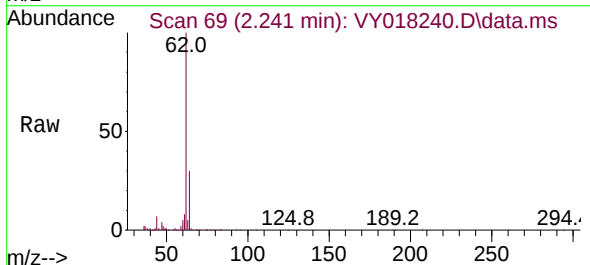
Instrument :
MSVOA_Y
ClientSampleId :

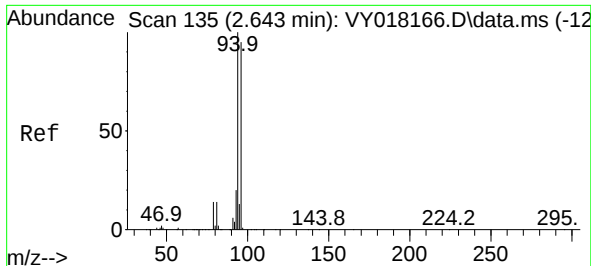
Tgt Ion: 50 Resp: 46787
Ion Ratio Lower Upper
50 100
52 32.2 25.6 38.4



#4
Vinyl Chloride
Concen: 21.424 ug/l
RT: 2.241 min Scan# 69
Delta R.T. 0.000 min
Lab File: VY018240.D
Acq: 13 May 2024 13:49

Tgt Ion: 62 Resp: 56961
Ion Ratio Lower Upper
62 100
64 30.1 26.1 39.1

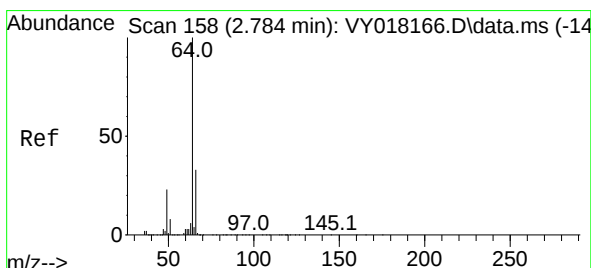
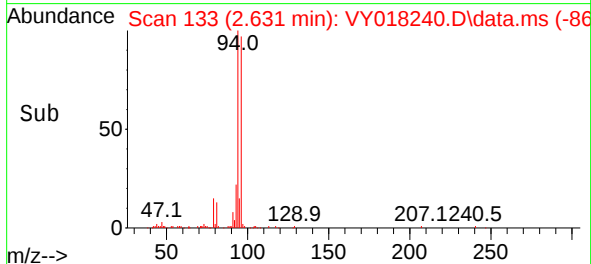
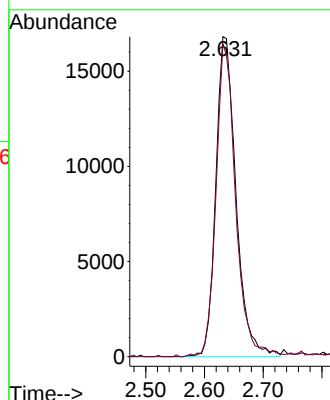
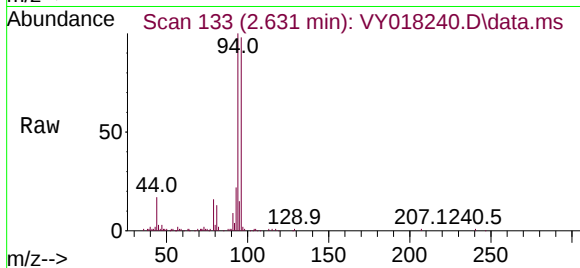




#5
Bromomethane
Concen: 21.726 ug/l
RT: 2.631 min Scan# 141
Delta R.T. -0.012 min
Lab File: VY018240.D
Acq: 13 May 2024 13:49

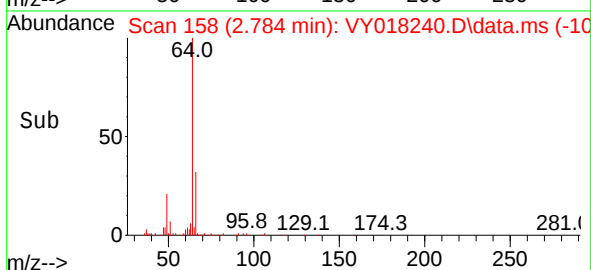
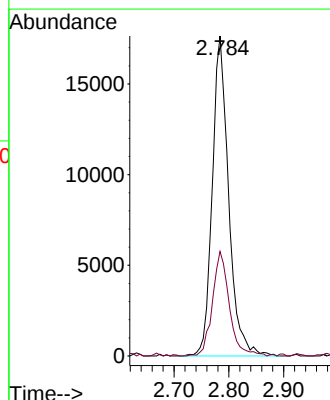
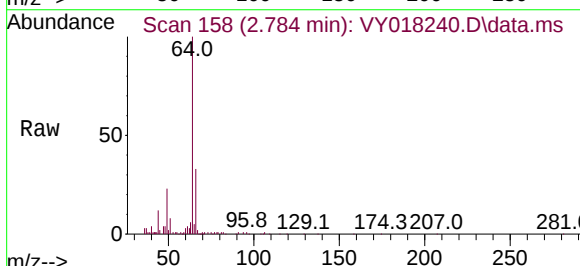
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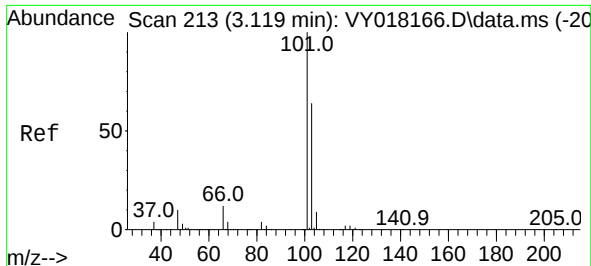
Tgt Ion: 94 Resp: 40115
Ion Ratio Lower Upper
94 100
96 97.8 74.1 111.1



#6
Chloroethane
Concen: 21.616 ug/l
RT: 2.784 min Scan# 158
Delta R.T. 0.000 min
Lab File: VY018240.D
Acq: 13 May 2024 13:49

Tgt Ion: 64 Resp: 36474
Ion Ratio Lower Upper
64 100
66 32.7 26.1 39.1

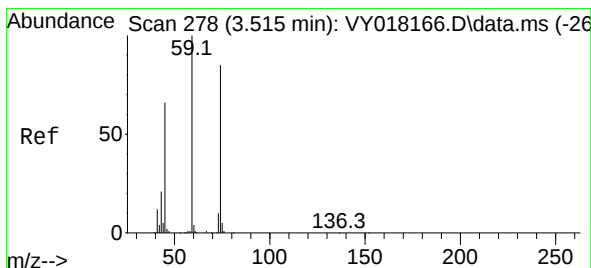
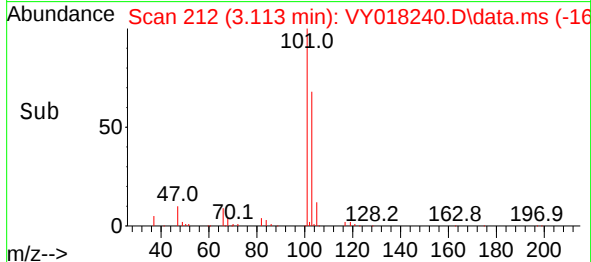
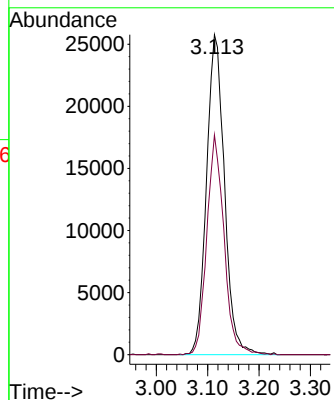
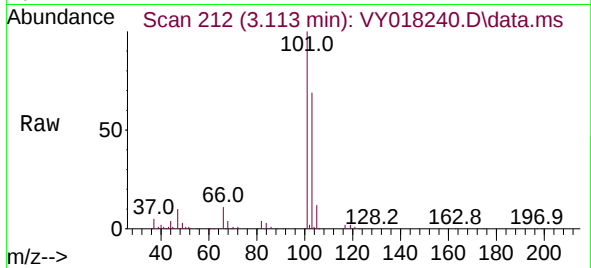




#7
Trichlorofluoromethane
Concen: 20.067 ug/l
RT: 3.113 min Scan# 213
Delta R.T. -0.006 min
Lab File: VY018240.D
Acq: 13 May 2024 13:49

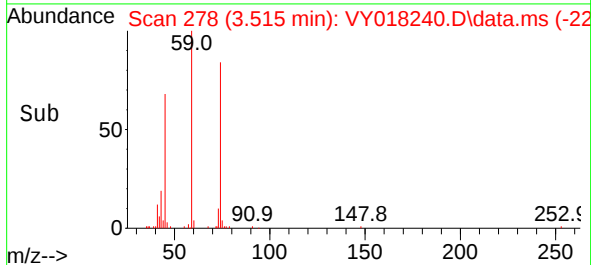
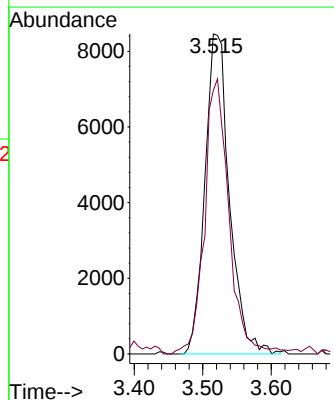
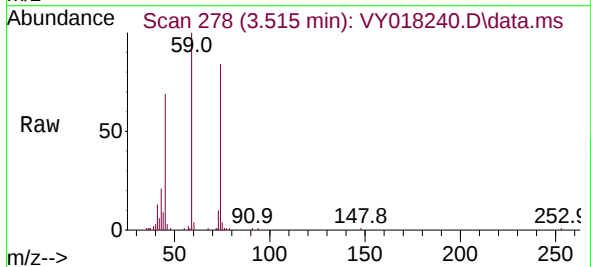
Instrument :
MSVOA_Y
ClientSampleId :

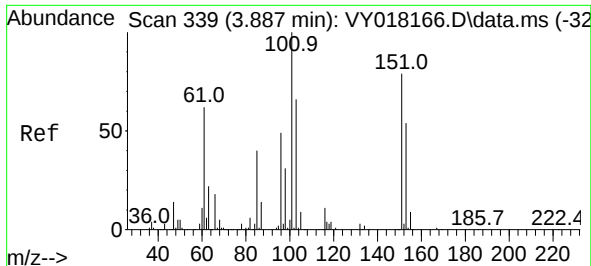
Tgt Ion:101 Resp: 62492
Ion Ratio Lower Upper
101 100
103 68.7 49.3 73.9



#8
Diethyl Ether
Concen: 20.640 ug/l
RT: 3.515 min Scan# 278
Delta R.T. 0.000 min
Lab File: VY018240.D
Acq: 13 May 2024 13:49

Tgt Ion: 74 Resp: 21160
Ion Ratio Lower Upper
74 100
45 85.1 41.3 124.1

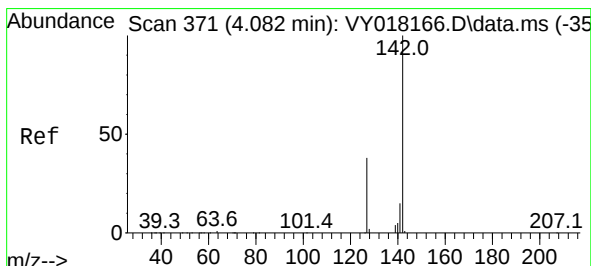
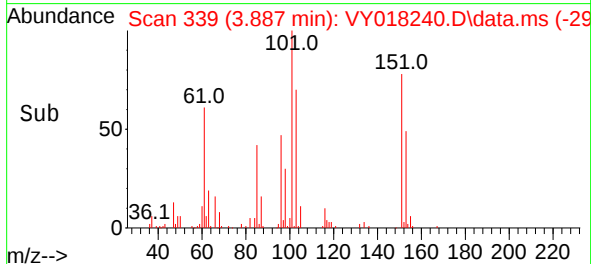
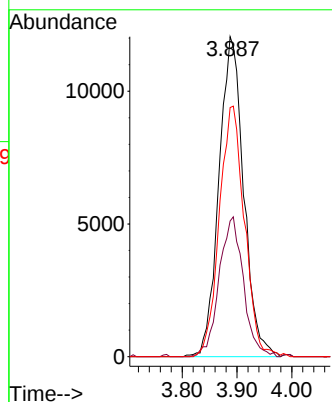
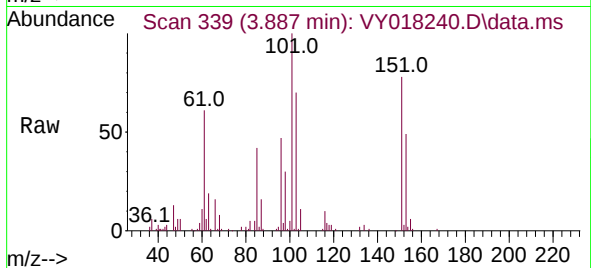




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.030 ug/l
RT: 3.887 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY018240.D
Acq: 13 May 2024 13:49

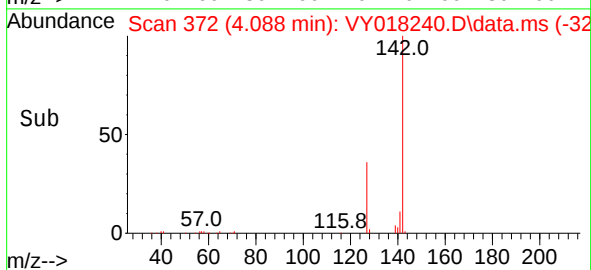
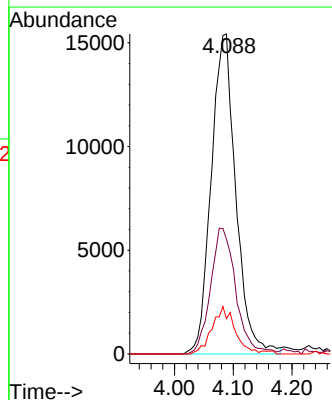
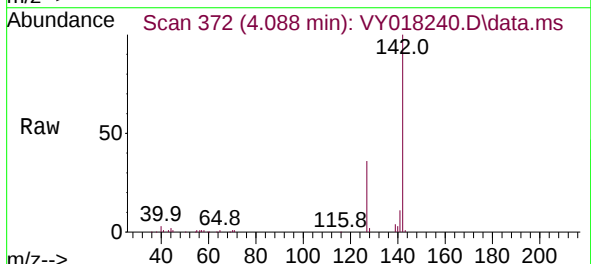
Instrument :
MSVOA_Y
ClientSampleId :

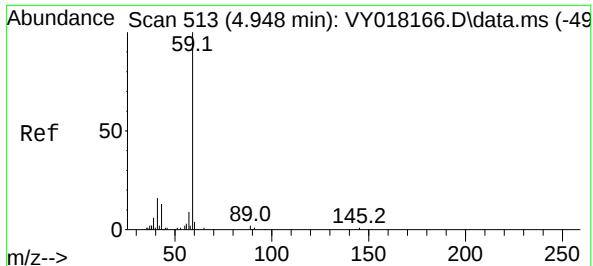
Tgt Ion:101 Resp: 37769
Ion Ratio Lower Upper
101 100
85 42.9 34.5 51.7
151 79.6 61.7 92.5



#10
Methyl Iodide
Concen: 19.352 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.006 min
Lab File: VY018240.D
Acq: 13 May 2024 13:49

Tgt Ion:142 Resp: 44852
Ion Ratio Lower Upper
142 100
127 40.3 32.8 49.2
141 13.6 11.4 17.2





#11

Tert butyl alcohol

Concen: 153.996 ug/l

RT: 4.948 min Scan# 513

Delta R.T. 0.000 min

Lab File: VY018240.D

Acq: 13 May 2024 13:49

Instrument :

MSVOA_Y

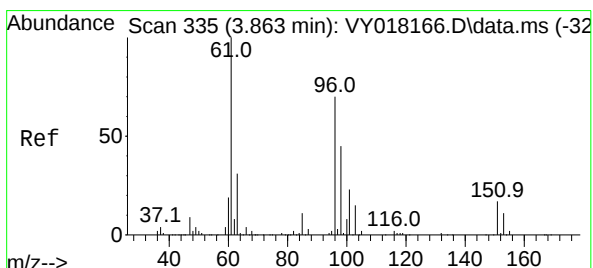
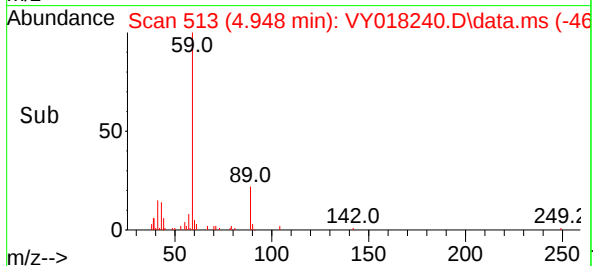
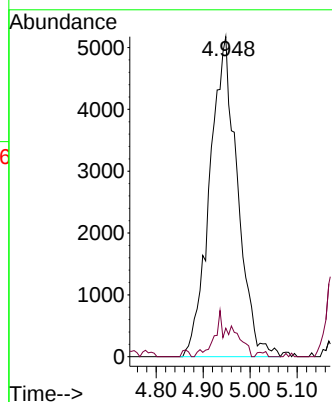
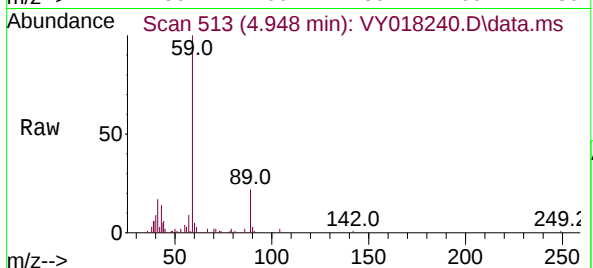
ClientSampleId :

Tgt Ion: 59 Resp: 21179

Ion Ratio Lower Upper

59 100

57 4.1 3.0 4.6



#12

1,1-Dichloroethene

Concen: 19.852 ug/l

RT: 3.863 min Scan# 335

Delta R.T. 0.000 min

Lab File: VY018240.D

Acq: 13 May 2024 13:49

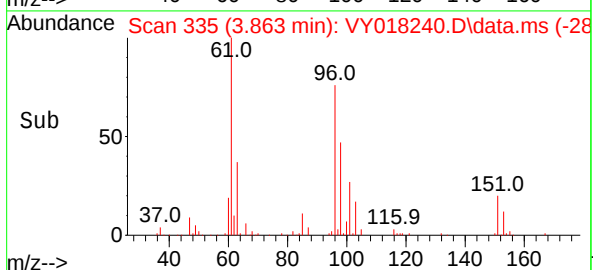
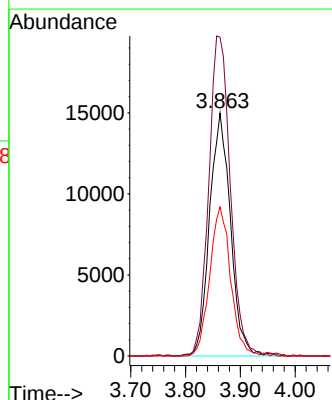
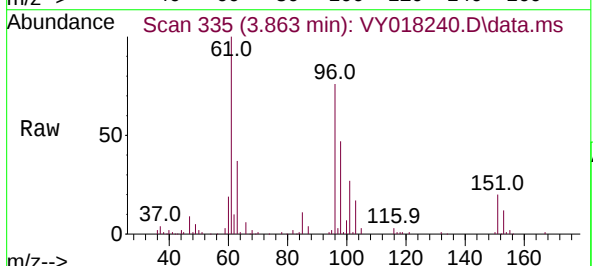
Tgt Ion: 96 Resp: 39664

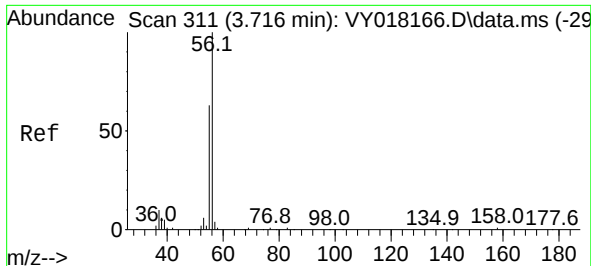
Ion Ratio Lower Upper

96 100

61 131.3 114.6 171.8

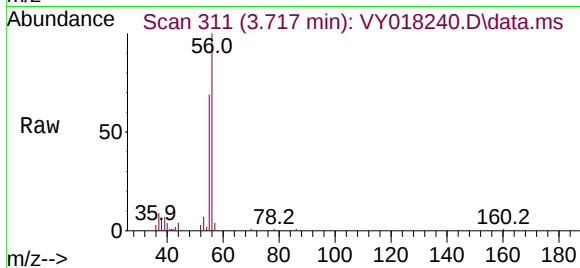
98 61.4 50.8 76.2



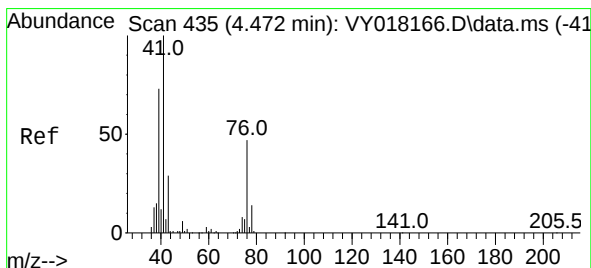
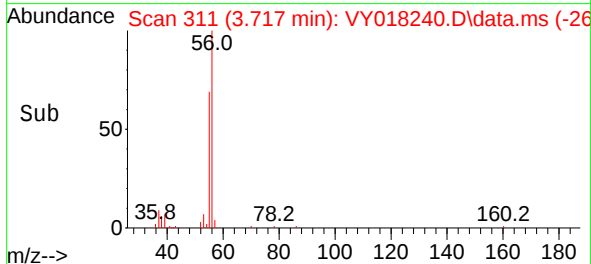
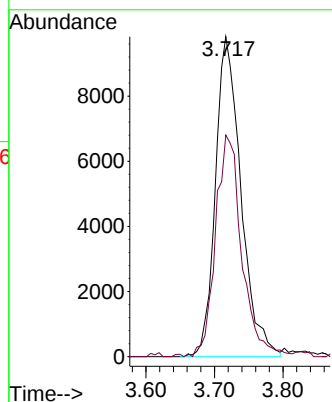


#13
Acrolein
Concen: 169.300 ug/l
RT: 3.717 min Scan# 311
Delta R.T. 0.001 min
Lab File: VY018240.D
Acq: 13 May 2024 13:49

Instrument :
MSVOA_Y
ClientSampleId :

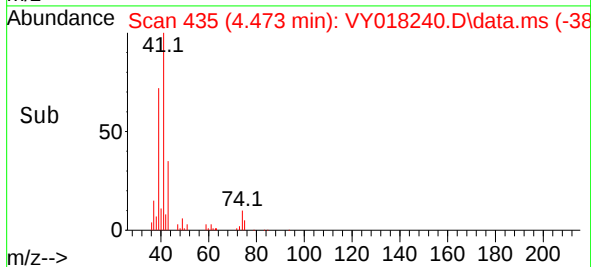
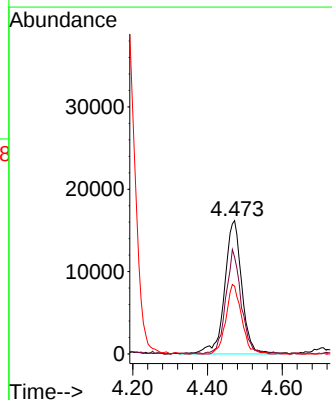
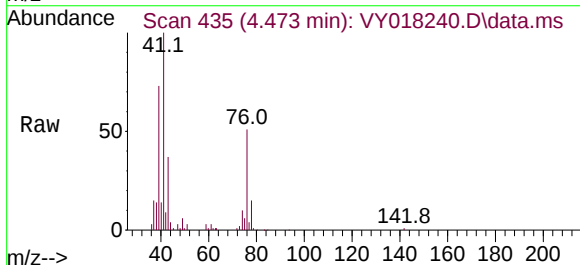


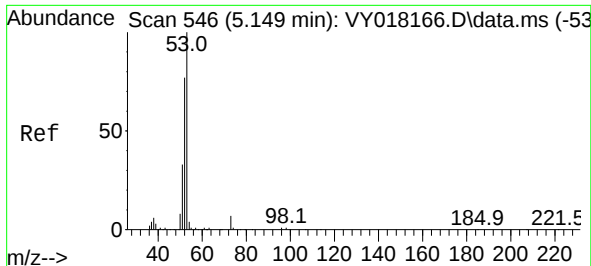
Tgt Ion: 56 Resp: 25363
Ion Ratio Lower Upper
56 100
55 71.1 55.7 83.5



#14
Allyl chloride
Concen: 20.329 ug/l
RT: 4.473 min Scan# 435
Delta R.T. 0.000 min
Lab File: VY018240.D
Acq: 13 May 2024 13:49

Tgt Ion: 41 Resp: 51672
Ion Ratio Lower Upper
41 100
39 69.9 58.3 87.5
76 47.5 39.0 58.6





#15

Acrylonitrile

Concen: 116.321 ug/l

RT: 5.149 min Scan# 546

Delta R.T. 0.000 min

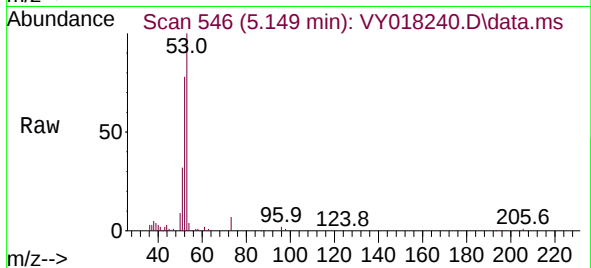
Lab File: VY018240.D

Acq: 13 May 2024 13:49

Instrument :

MSVOA_Y

ClientSampleId :



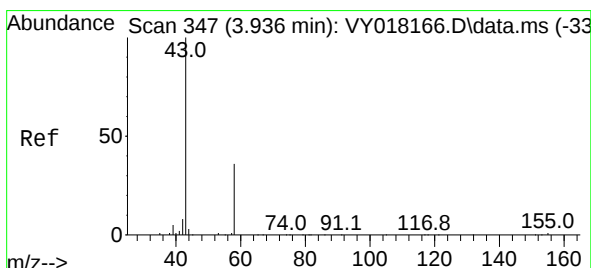
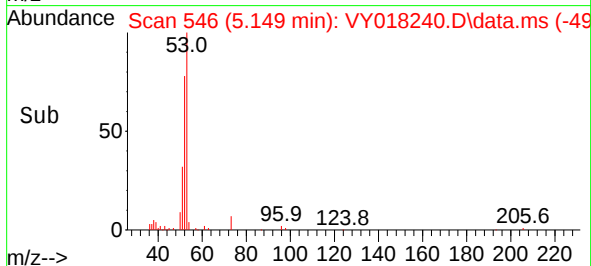
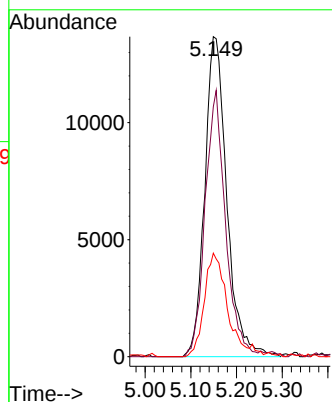
Tgt Ion: 53 Resp: 45859

Ion Ratio Lower Upper

53 100

52 76.9 64.7 97.1

51 34.3 28.4 42.6



#16

Acetone

Concen: 109.977 ug/l

RT: 3.936 min Scan# 347

Delta R.T. 0.000 min

Lab File: VY018240.D

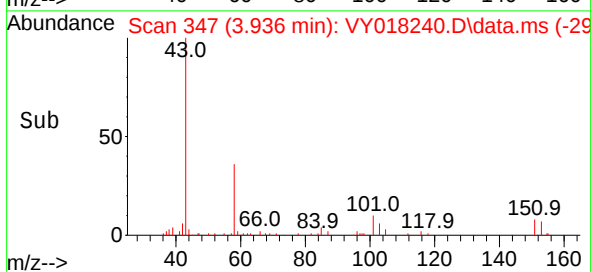
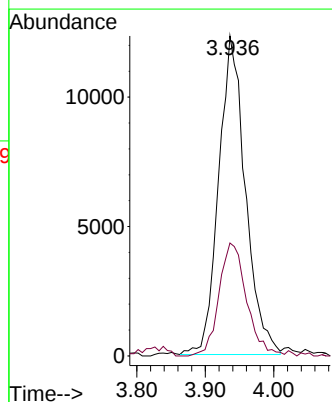
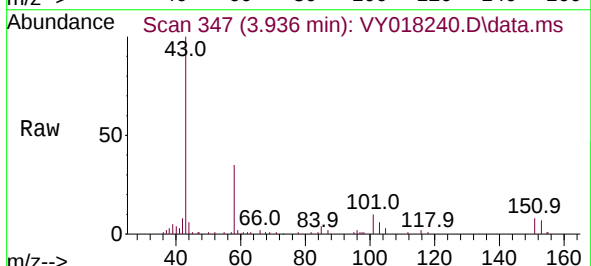
Acq: 13 May 2024 13:49

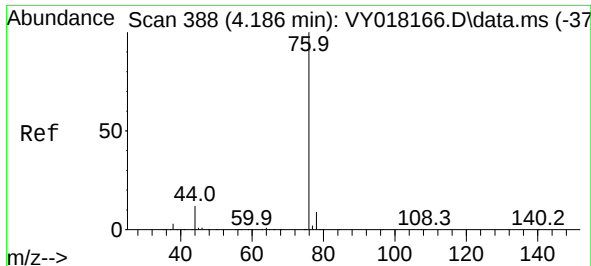
Tgt Ion: 43 Resp: 33357

Ion Ratio Lower Upper

43 100

58 35.5 31.7 47.5

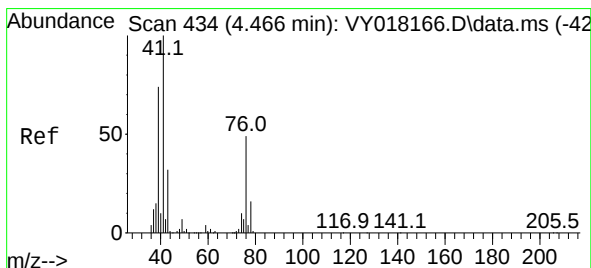
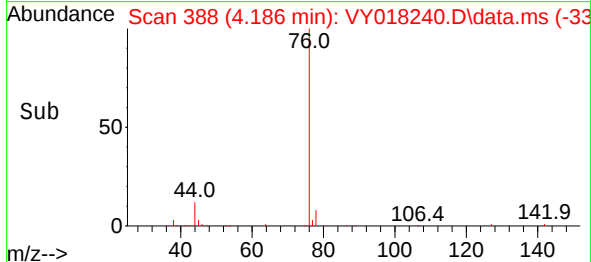
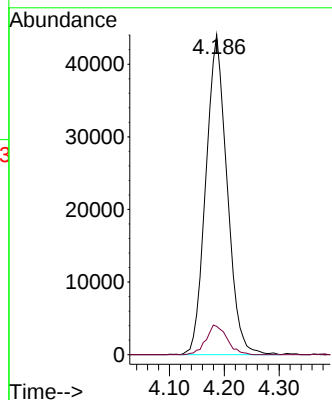
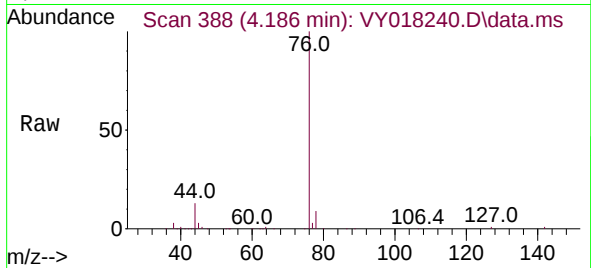




#17
Carbon Disulfide
Concen: 21.756 ug/l
RT: 4.186 min Scan# 388
Delta R.T. 0.000 min
Lab File: VY018240.D
Acq: 13 May 2024 13:49

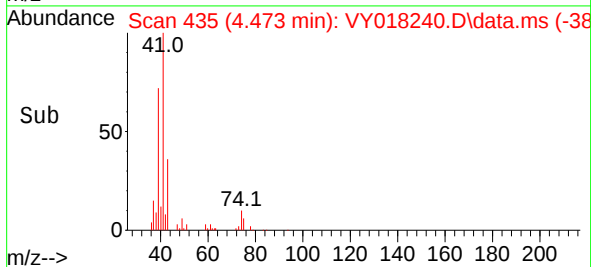
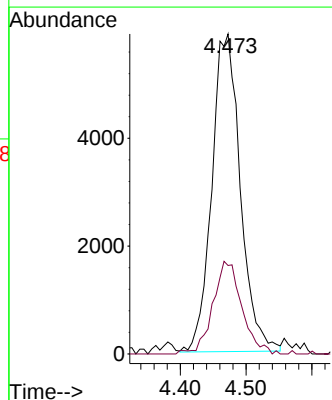
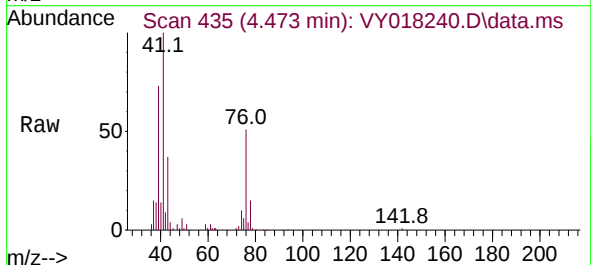
Instrument :
MSVOA_Y
ClientSampleId :

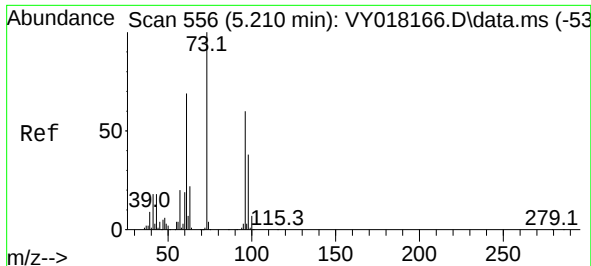
Tgt Ion: 76 Resp: 118336
Ion Ratio Lower Upper
76 100
78 8.9 6.8 10.2



#18
Methyl Acetate
Concen: 20.573 ug/l
RT: 4.473 min Scan# 435
Delta R.T. 0.006 min
Lab File: VY018240.D
Acq: 13 May 2024 13:49

Tgt Ion: 43 Resp: 17775
Ion Ratio Lower Upper
43 100
74 29.2 23.3 34.9

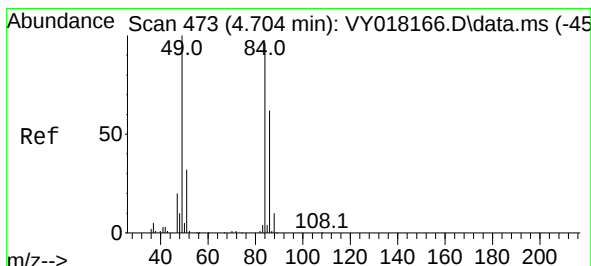
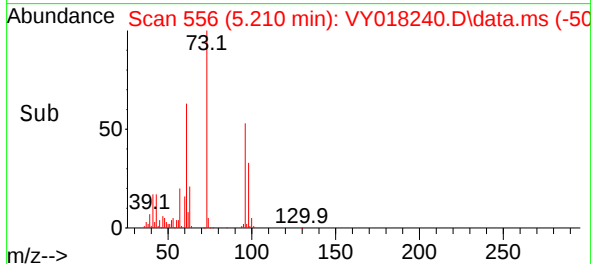
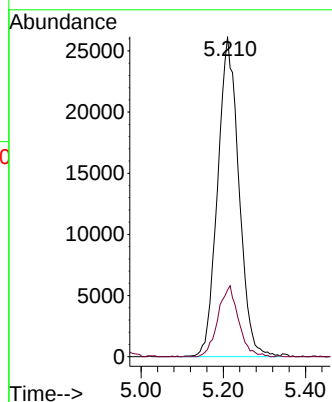
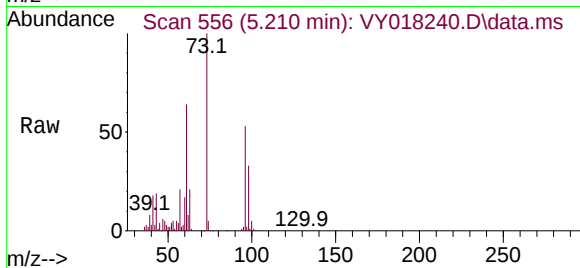




#19
Methyl tert-butyl Ether
Concen: 21.078 ug/l
RT: 5.210 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY018240.D
Acq: 13 May 2024 13:49

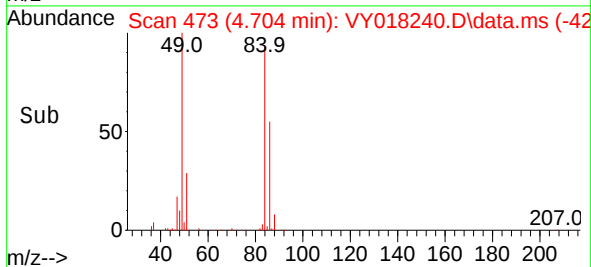
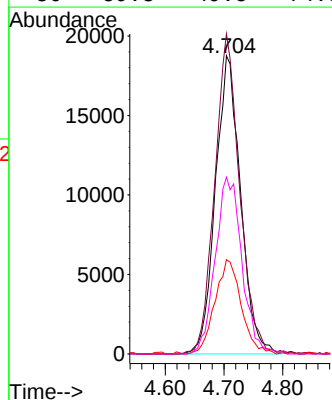
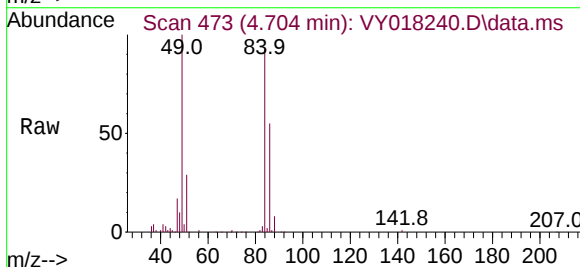
Instrument :
MSVOA_Y
ClientSampleId :

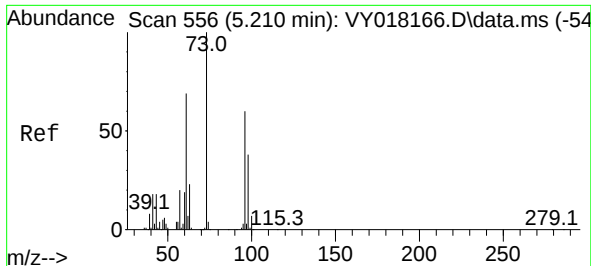
Tgt Ion: 73 Resp: 93812
Ion Ratio Lower Upper
73 100
57 20.9 17.3 25.9



#20
Methylene Chloride
Concen: 25.995 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.000 min
Lab File: VY018240.D
Acq: 13 May 2024 13:49

Tgt Ion: 84 Resp: 55730
Ion Ratio Lower Upper
84 100
49 107.3 84.4 126.6
51 31.3 26.0 39.0
86 59.3 49.5 74.3





#21

trans-1,2-Dichloroethene

Concen: 20.340 ug/l

RT: 5.204 min Scan# 51

Delta R.T. -0.006 min

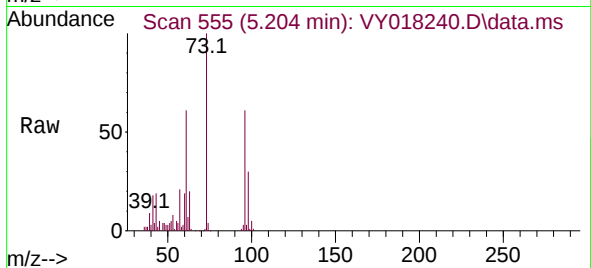
Lab File: VY018240.D

Acq: 13 May 2024 13:49

Instrument :

MSVOA_Y

ClientSampleId :



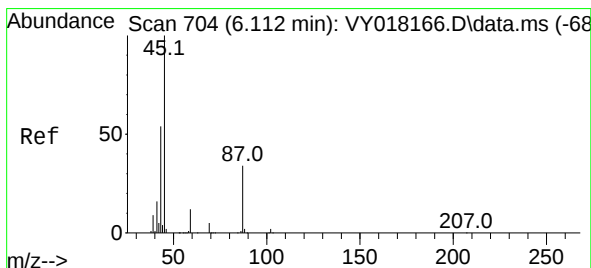
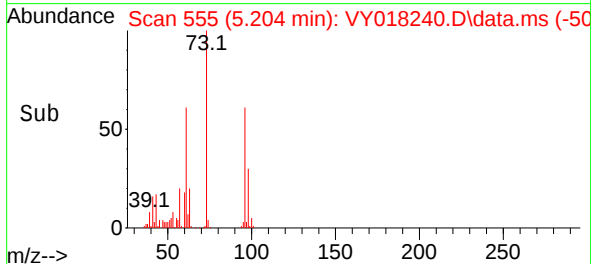
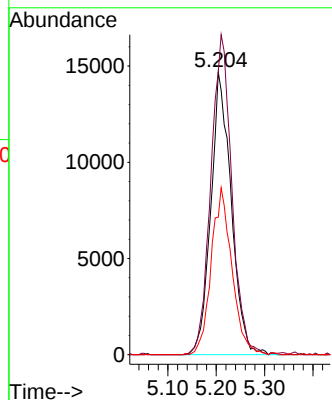
Tgt Ion: 96 Resp: 43079

Ion Ratio Lower Upper

96 100

61 100.1 97.5 146.3

98 48.7 50.5 75.7#



#22

Diisopropyl ether

Concen: 19.909 ug/l

RT: 6.106 min Scan# 703

Delta R.T. -0.006 min

Lab File: VY018240.D

Acq: 13 May 2024 13:49

Tgt Ion: 45 Resp: 107350

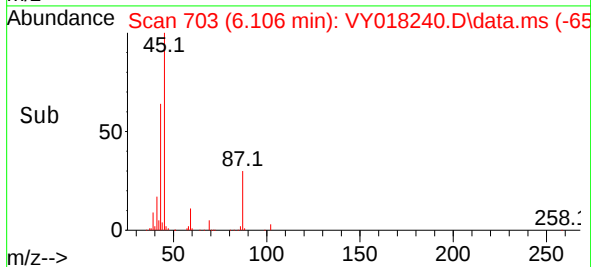
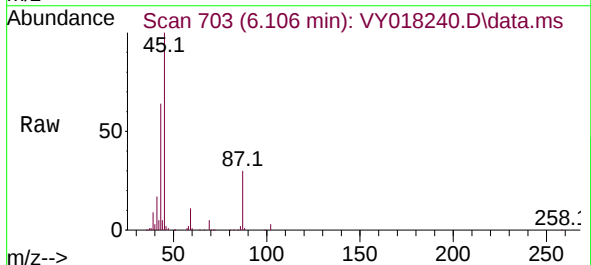
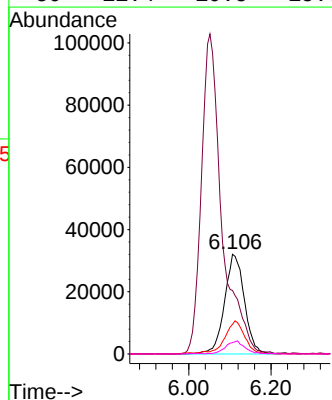
Ion Ratio Lower Upper

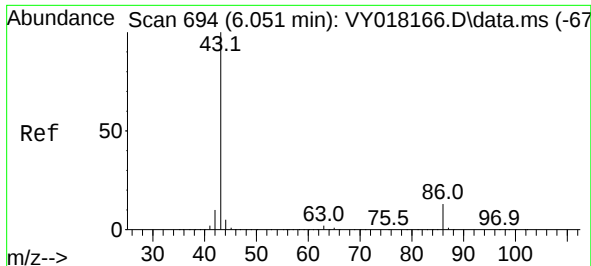
45 100

43 63.8 42.2 63.2#

87 29.8 25.0 37.6

59 11.4 10.5 15.7

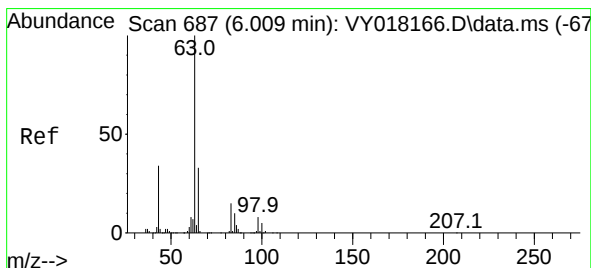
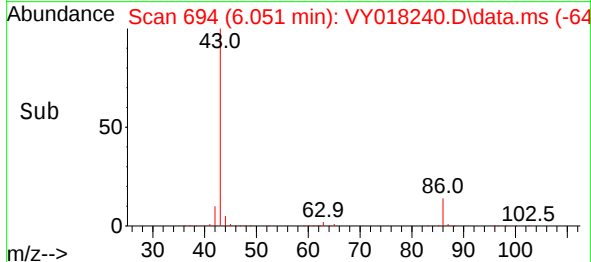
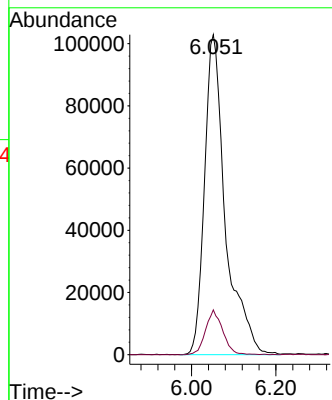
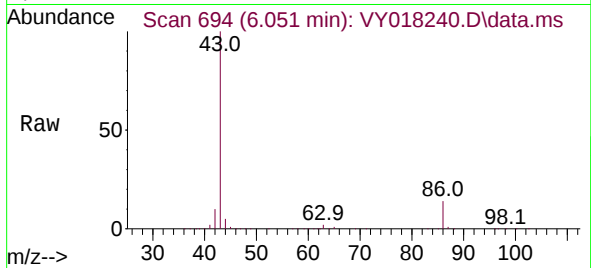




#23
 Vinyl Acetate
 Concen: 108.497 ug/l
 RT: 6.051 min Scan# 694
 Delta R.T. 0.000 min
 Lab File: VY018240.D
 Acq: 13 May 2024 13:49

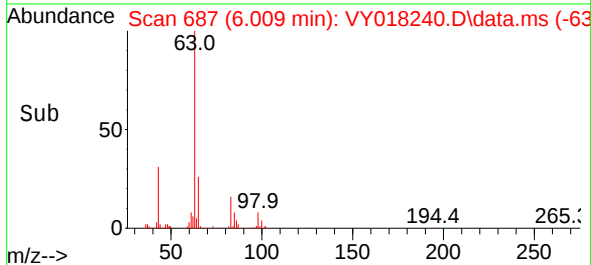
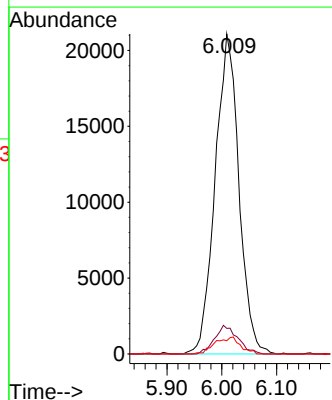
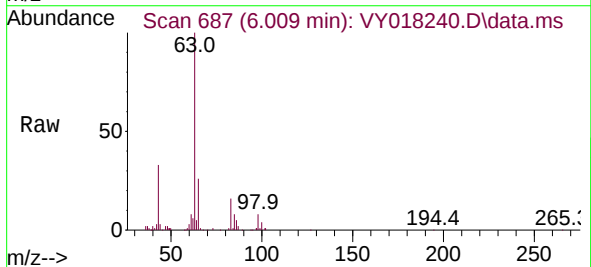
Instrument :
 MSVOA_Y
 ClientSampleId :

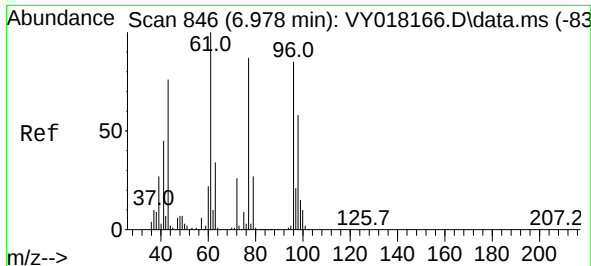
Tgt Ion: 43 Resp: 355565
 Ion Ratio Lower Upper
 43 100
 86 14.0 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 19.101 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. 0.000 min
 Lab File: VY018240.D
 Acq: 13 May 2024 13:49

Tgt Ion: 63 Resp: 63434
 Ion Ratio Lower Upper
 63 100
 98 8.0 4.0 12.2
 100 4.2 2.6 8.0

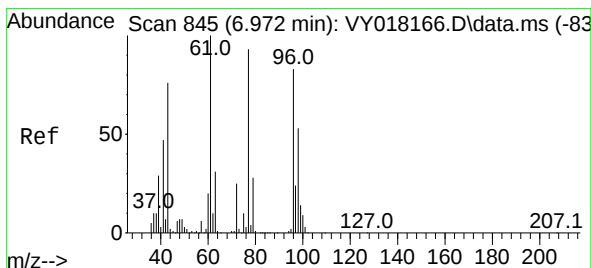
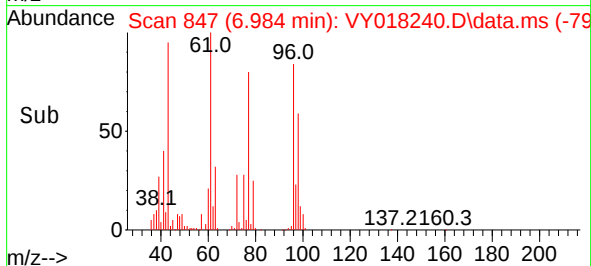
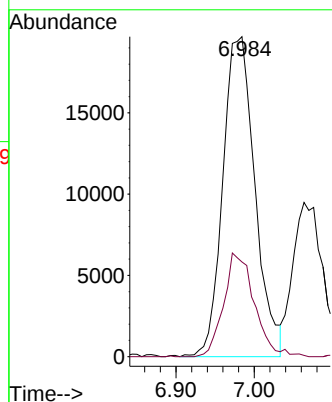
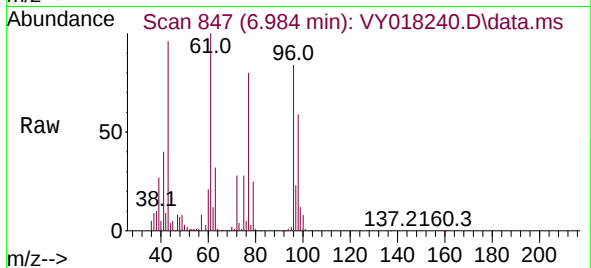




#25
2-Butanone
Concen: 115.896 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY018240.D
Acq: 13 May 2024 13:49

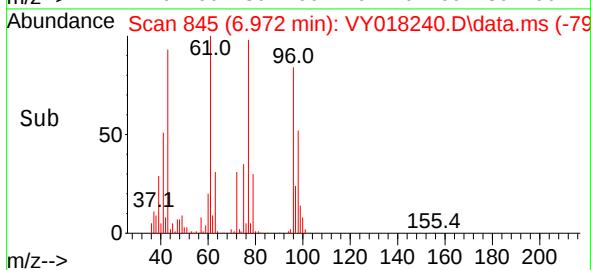
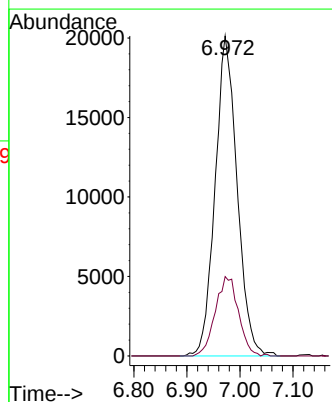
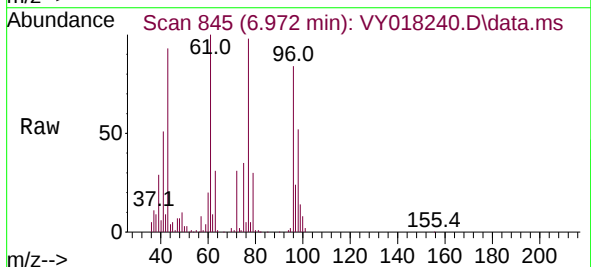
Instrument :
MSVOA_Y
ClientSampleId :

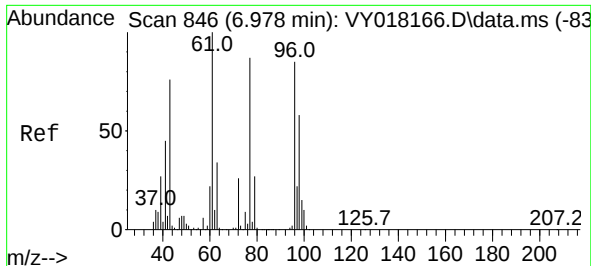
Tgt Ion: 43 Resp: 56191
Ion Ratio Lower Upper
43 100
72 29.6 27.3 40.9



#26
2,2-Dichloropropane
Concen: 19.301 ug/l
RT: 6.972 min Scan# 845
Delta R.T. 0.000 min
Lab File: VY018240.D
Acq: 13 May 2024 13:49

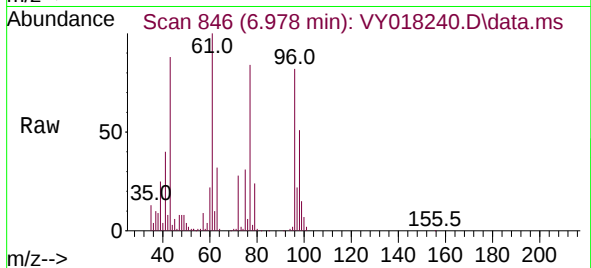
Tgt Ion: 77 Resp: 58013
Ion Ratio Lower Upper
77 100
97 26.0 12.0 36.1



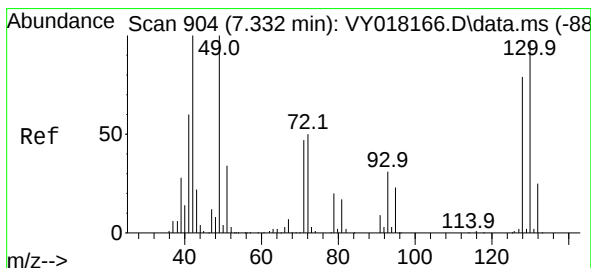
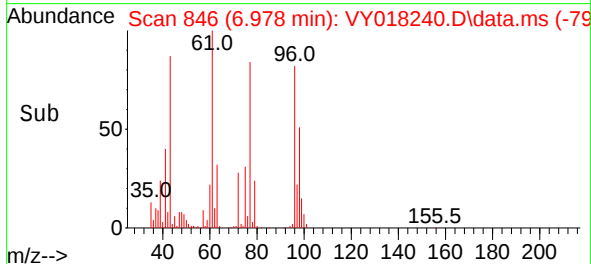
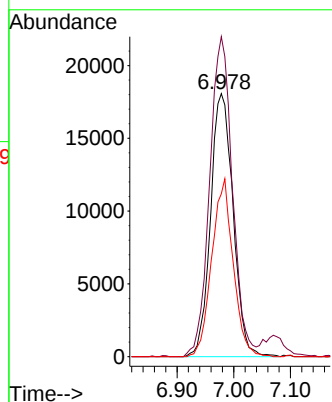


#27
 cis-1,2-Dichloroethene
 Concen: 19.945 ug/l
 RT: 6.978 min Scan# 846
 Delta R.T. 0.000 min
 Lab File: VY018240.D
 Acq: 13 May 2024 13:49

Instrument :
 MSVOA_Y
 ClientSampleId :

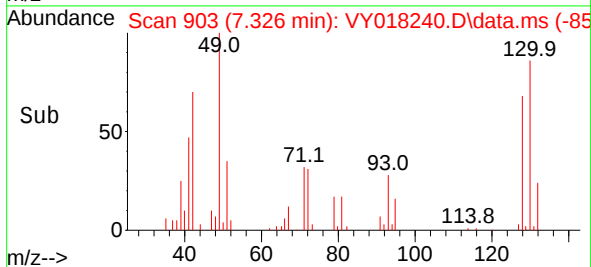
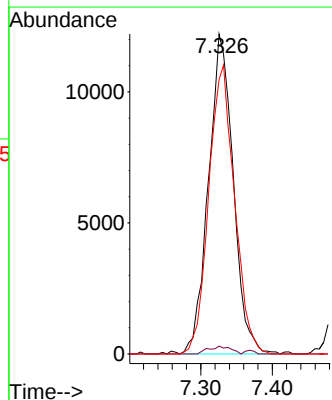
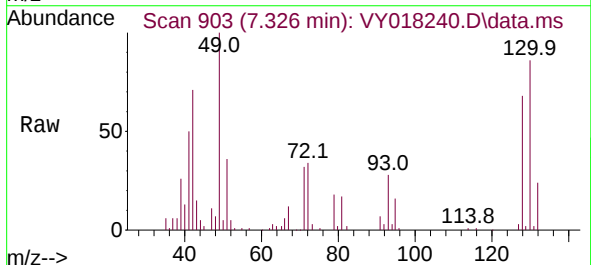


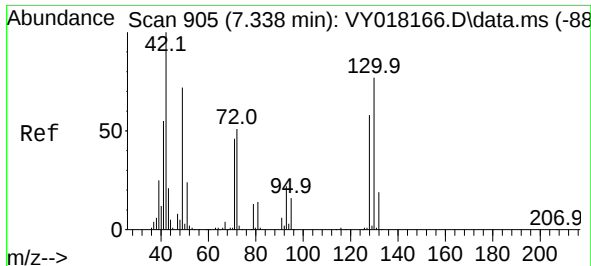
Tgt Ion: 96 Resp: 49922
 Ion Ratio Lower Upper
 96 100
 61 122.8 0.0 256.2
 98 64.1 0.0 130.0



#28
 Bromochloromethane
 Concen: 22.143 ug/l
 RT: 7.326 min Scan# 903
 Delta R.T. -0.006 min
 Lab File: VY018240.D
 Acq: 13 May 2024 13:49

Tgt Ion: 49 Resp: 29392
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.6
 130 93.6 72.7 109.1





#29

Tetrahydrofuran

Concen: 119.039 ug/l

RT: 7.344 min Scan# 905

Delta R.T. 0.006 min

Lab File: VY018240.D

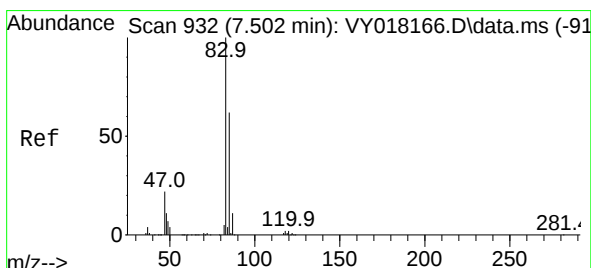
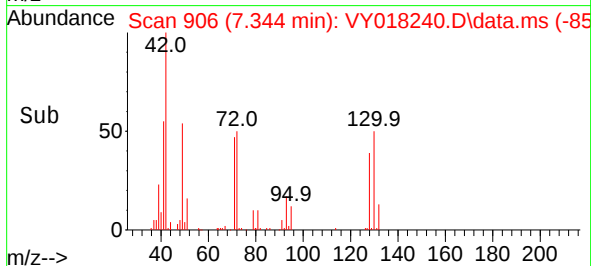
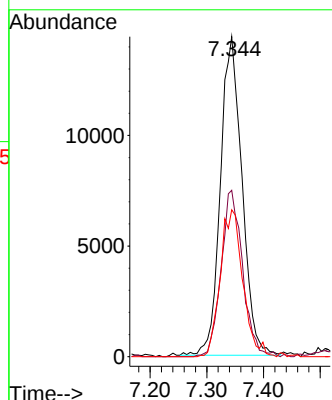
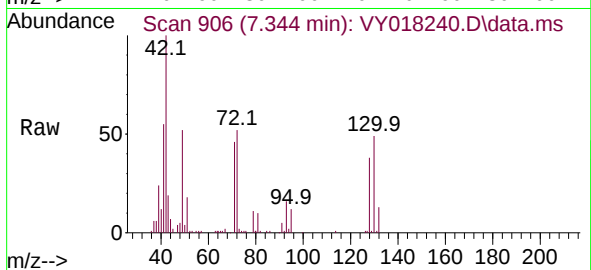
Acq: 13 May 2024 13:49

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	42	Resp:	38097
Ion	Ratio	Lower	Upper
42	100		
72	51.9	43.0	64.4
71	48.0	40.8	61.2



#30

Chloroform

Concen: 19.485 ug/l

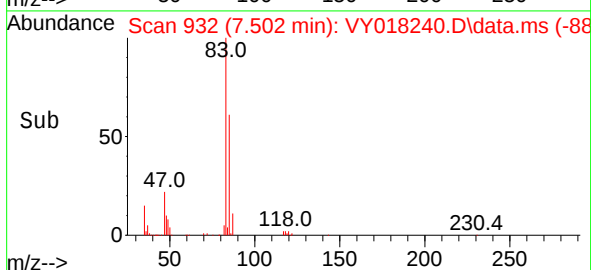
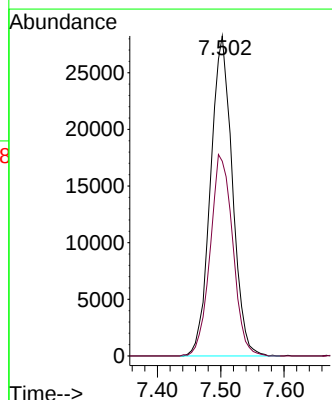
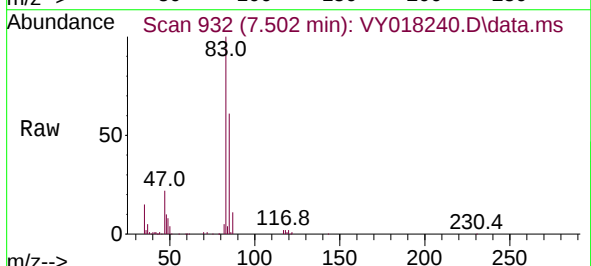
RT: 7.502 min Scan# 932

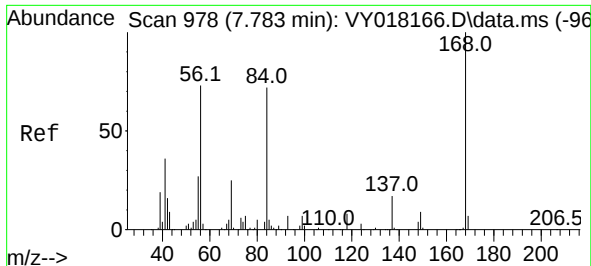
Delta R.T. 0.000 min

Lab File: VY018240.D

Acq: 13 May 2024 13:49

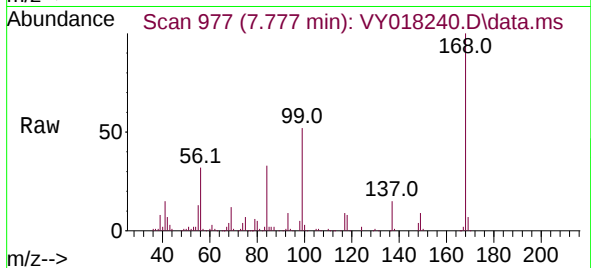
Tgt Ion:	83	Resp:	67553
Ion	Ratio	Lower	Upper
83	100		
85	60.8	52.2	78.4



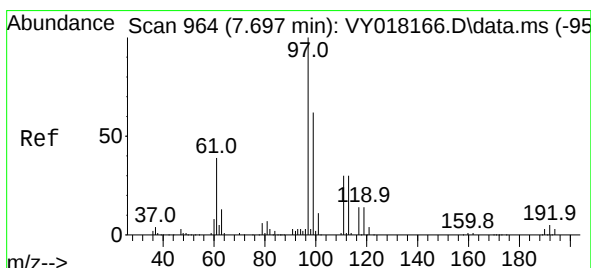
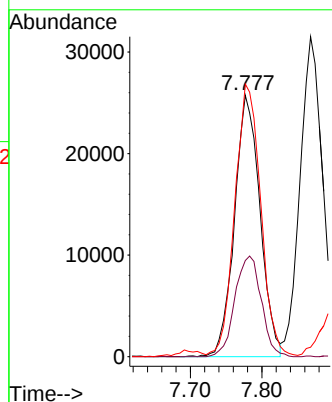
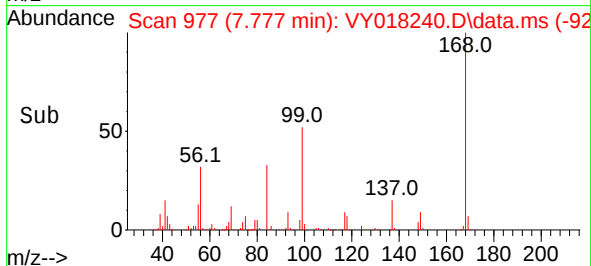


#31
Cyclohexane
Concen: 20.308 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018240.D
Acq: 13 May 2024 13:49

Instrument :
MSVOA_Y
ClientSampleId :

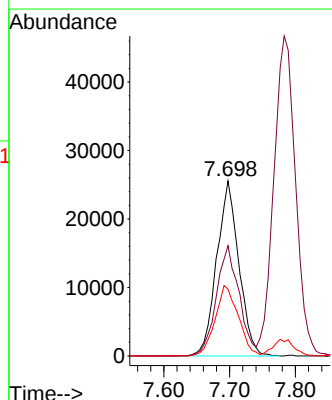
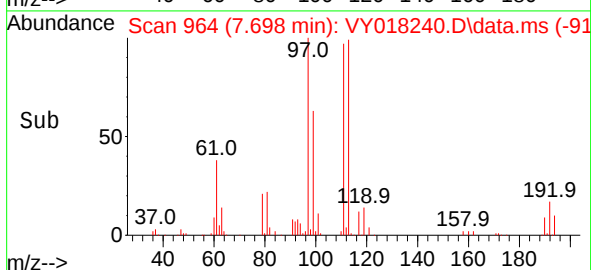
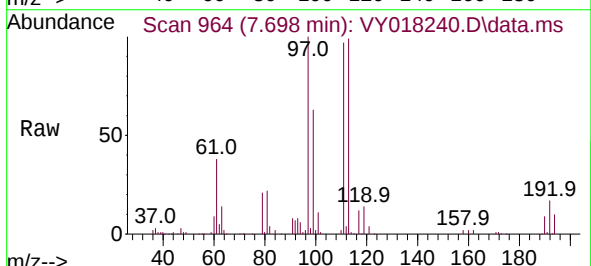


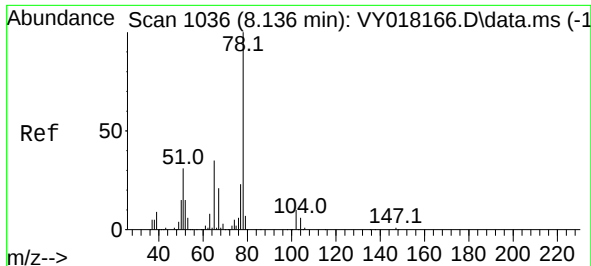
Tgt Ion: 56 Resp: 63832
Ion Ratio Lower Upper
56 100
69 36.8 28.7 43.1
84 103.0 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 19.269 ug/l
RT: 7.698 min Scan# 964
Delta R.T. 0.000 min
Lab File: VY018240.D
Acq: 13 May 2024 13:49

Tgt Ion: 97 Resp: 59878
Ion Ratio Lower Upper
97 100
99 65.0 50.3 75.5
61 41.9 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 55.123 ug/l

RT: 8.136 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018240.D

Acq: 13 May 2024 13:49

Instrument :

MSVOA_Y

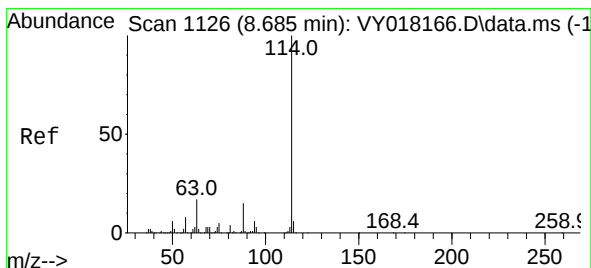
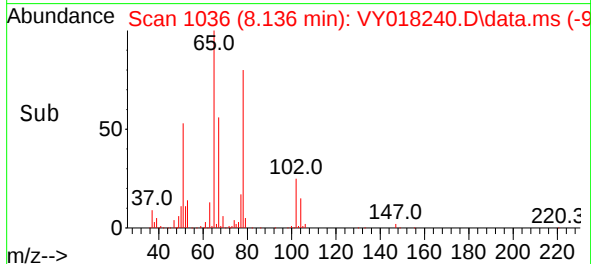
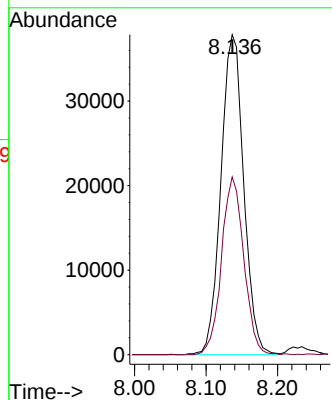
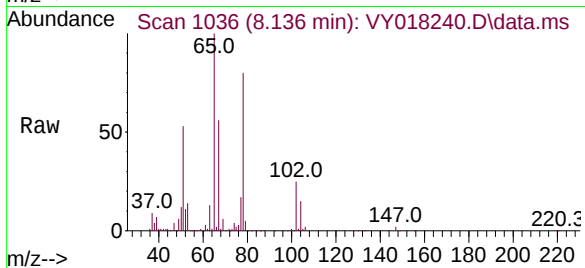
ClientSampleId :

Tgt Ion: 65 Resp: 83781

Ion Ratio Lower Upper

65 100

67 54.2 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: VY018240.D

Acq: 13 May 2024 13:49

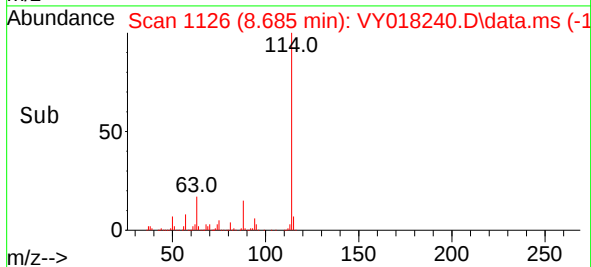
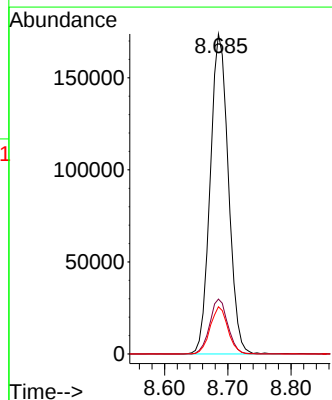
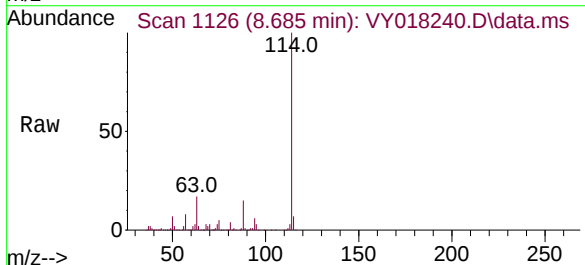
Tgt Ion:114 Resp: 346351

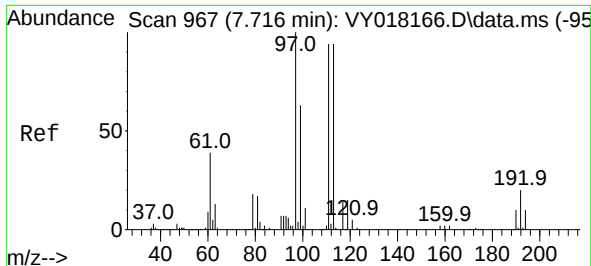
Ion Ratio Lower Upper

114 100

63 17.2 0.0 35.0

88 14.8 0.0 27.2





#35

Dibromofluoromethane

Concen: 51.809 ug/l

RT: 7.710 min Scan# 9

Delta R.T. -0.006 min

Lab File: VY018240.D

Acq: 13 May 2024 13:49

Instrument :

MSVOA_Y

ClientSampleId :

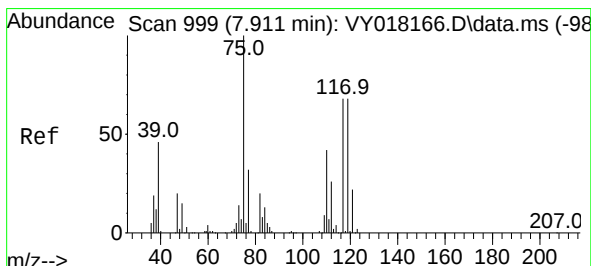
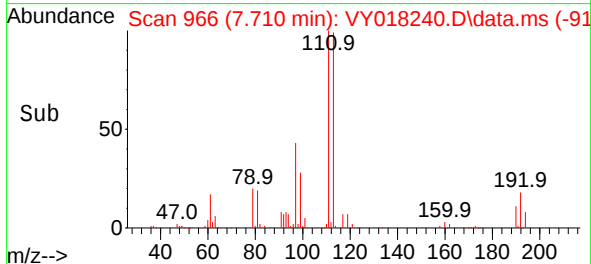
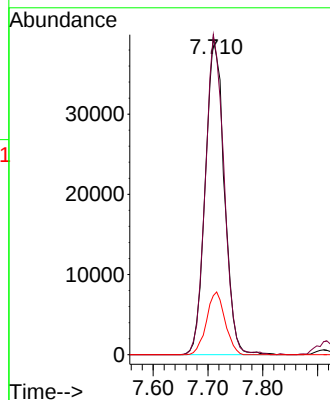
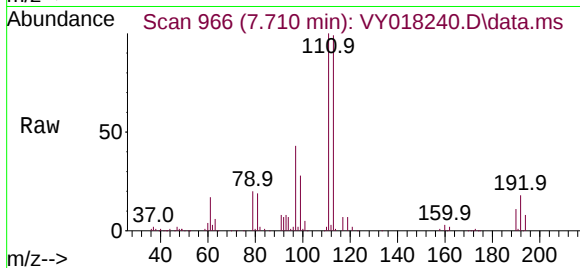
Tgt Ion:113 Resp: 94305

Ion Ratio Lower Upper

113 100

111 100.2 82.2 123.4

192 19.5 15.9 23.9



#36

1,1-Dichloropropene

Concen: 20.043 ug/l

RT: 7.911 min Scan# 999

Delta R.T. 0.000 min

Lab File: VY018240.D

Acq: 13 May 2024 13:49

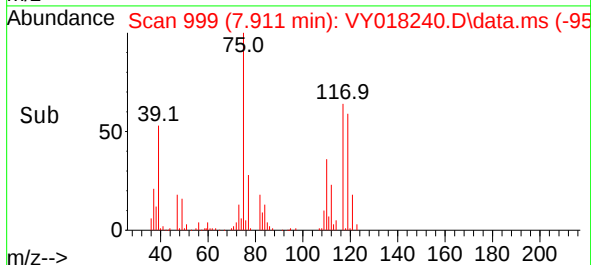
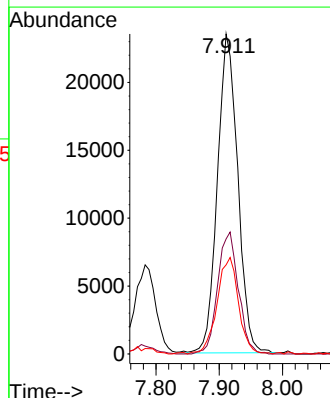
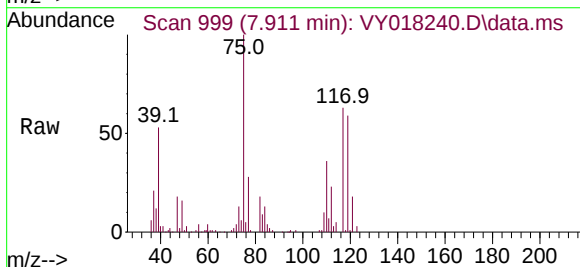
Tgt Ion: 75 Resp: 52300

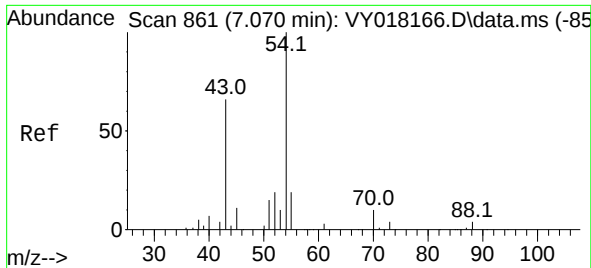
Ion Ratio Lower Upper

75 100

110 39.0 19.0 57.0

77 32.0 25.3 37.9





#37

Ethyl Acetate

Concen: 23.693 ug/l

RT: 7.064 min Scan# 8

Delta R.T. -0.006 min

Lab File: VY018240.D

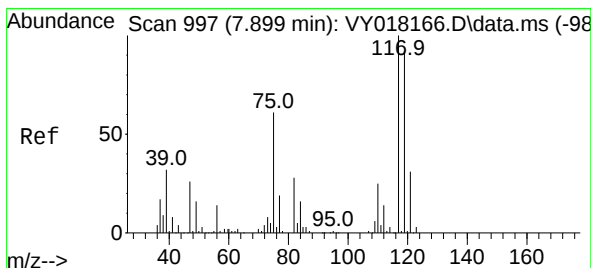
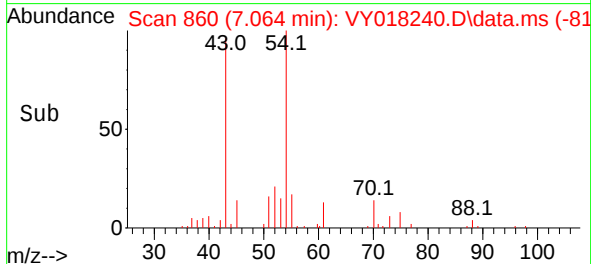
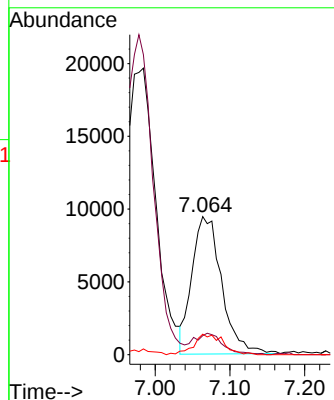
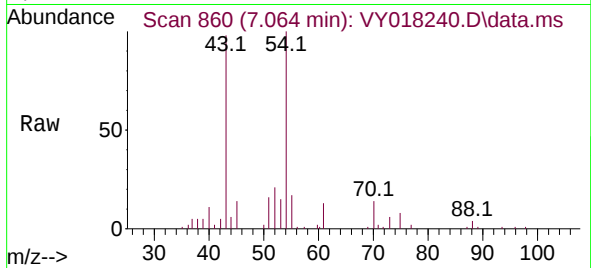
Acq: 13 May 2024 13:49

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 43	Resp: 26022
Ion Ratio	Lower Upper
43	100
61	15.4 12.6 19.0
70	14.8 7.8 11.8#



#38

Carbon Tetrachloride

Concen: 18.779 ug/l

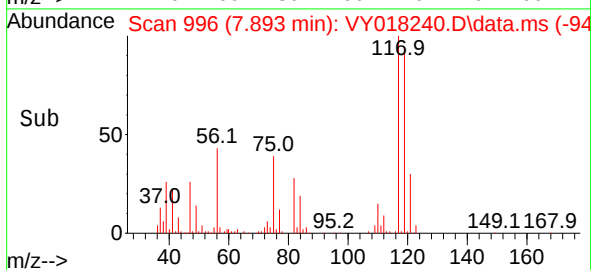
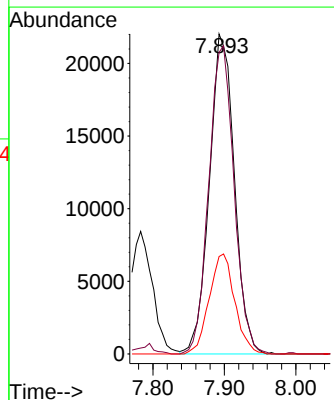
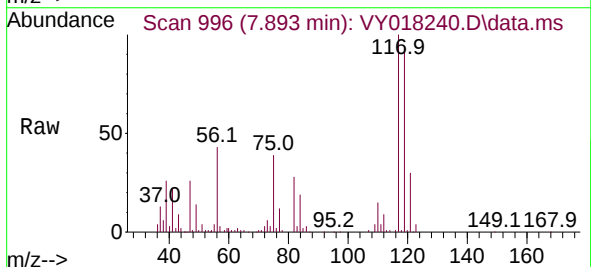
RT: 7.893 min Scan# 996

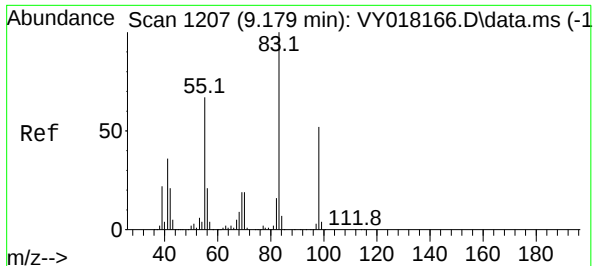
Delta R.T. -0.006 min

Lab File: VY018240.D

Acq: 13 May 2024 13:49

Tgt Ion: 117	Resp: 53543
Ion Ratio	Lower Upper
117	100
119	94.2 75.8 113.6
121	30.4 24.0 36.0





#39

Methylcyclohexane

Concen: 19.873 ug/l

RT: 9.179 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018240.D

Acq: 13 May 2024 13:49

Instrument :

MSVOA_Y

ClientSampleId :

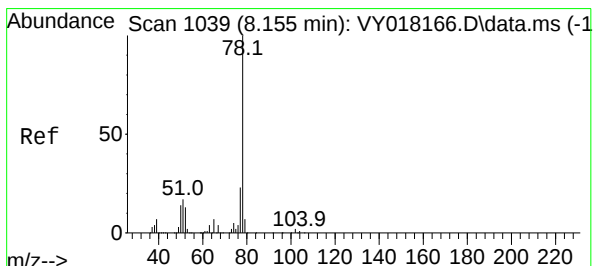
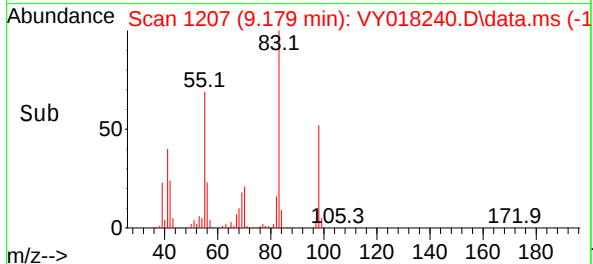
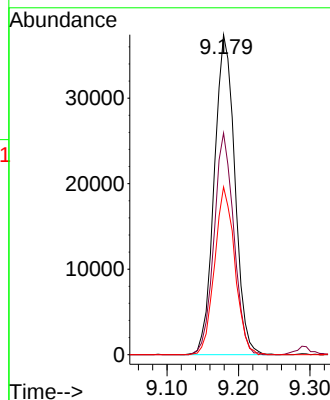
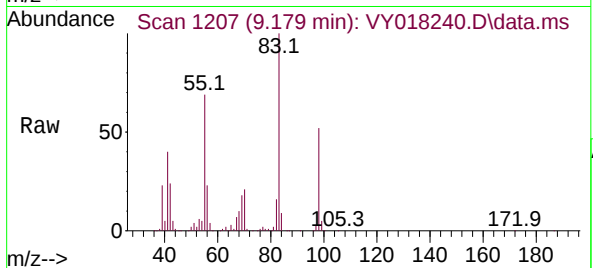
Tgt Ion: 83 Resp: 74811

Ion Ratio Lower Upper

83 100

55 69.2 51.5 77.3

98 52.4 40.5 60.7



#40

Benzene

Concen: 19.703 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. 0.000 min

Lab File: VY018240.D

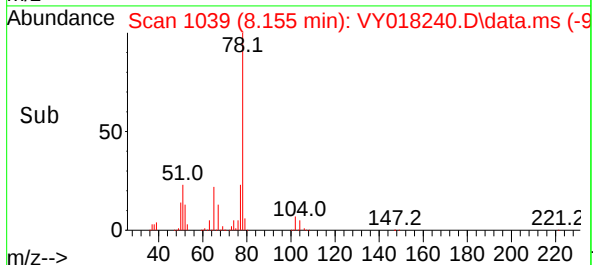
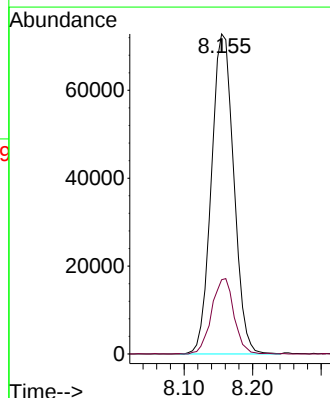
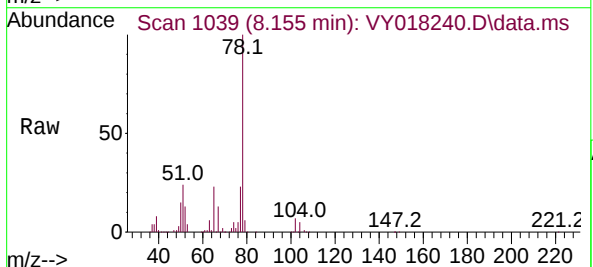
Acq: 13 May 2024 13:49

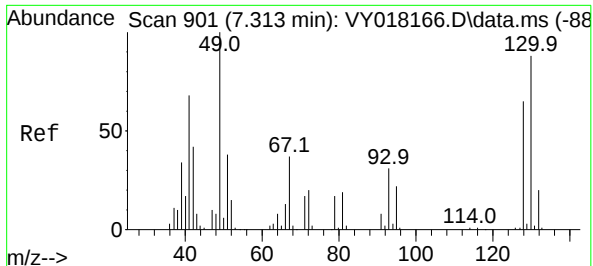
Tgt Ion: 78 Resp: 165381

Ion Ratio Lower Upper

78 100

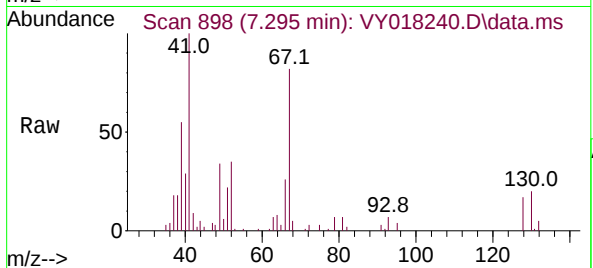
77 23.1 19.5 29.3



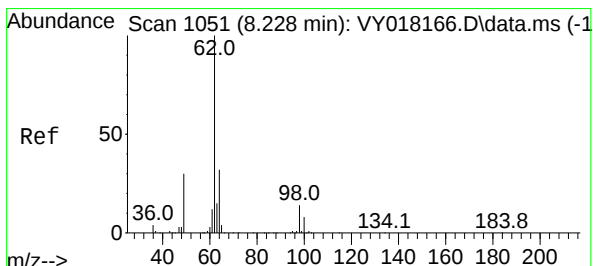
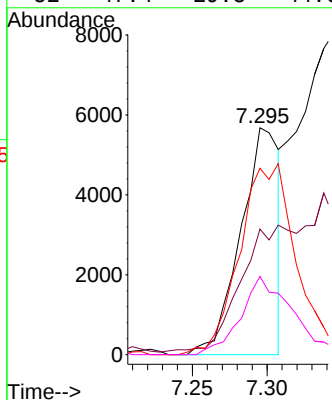
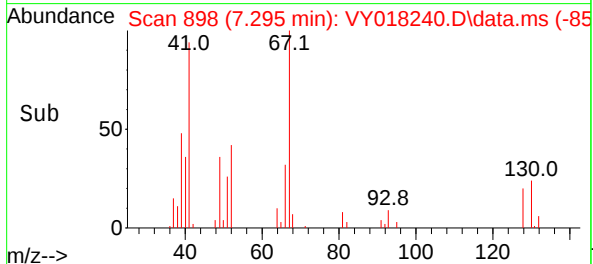


#41
Methacrylonitrile
Concen: 16.047 ug/l
RT: 7.295 min Scan# 898
Delta R.T. -0.018 min
Lab File: VY018240.D
Acq: 13 May 2024 13:49

Instrument :
MSVOA_Y
ClientSampleId :

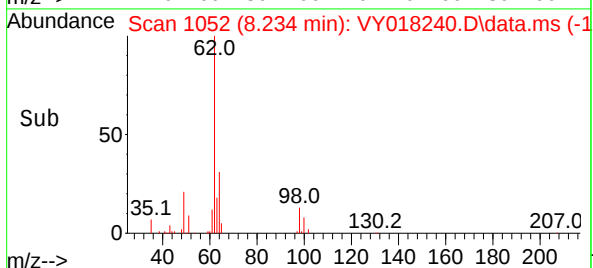
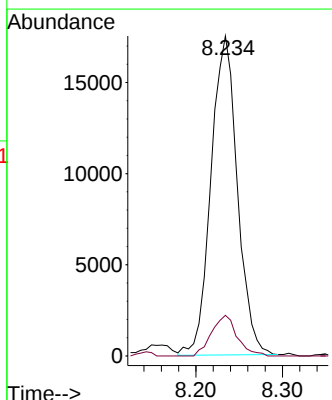
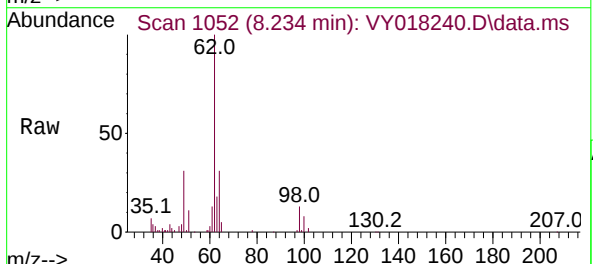


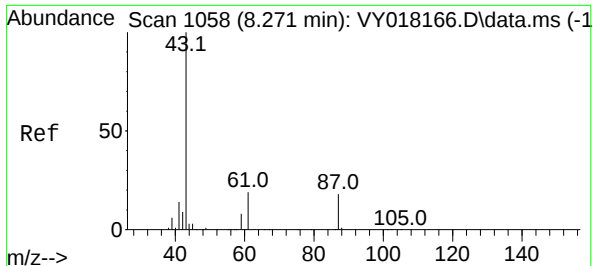
Tgt Ion:	41	Resp:	10177
Ion	Ratio	Lower	Upper
41	100		
39	79.1	48.0	72.0#
67	123.0	75.1	112.7#
52	47.4	29.8	44.6#



#42
1,2-Dichloroethane
Concen: 20.313 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.006 min
Lab File: VY018240.D
Acq: 13 May 2024 13:49

Tgt Ion:	62	Resp:	37097
Ion	Ratio	Lower	Upper
62	100		
98	12.3	0.0	22.0





#43

Isopropyl Acetate

Concen: 22.198 ug/l

RT: 8.265 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VY018240.D

Acq: 13 May 2024 13:49

Instrument :

MSVOA_Y

ClientSampleId :

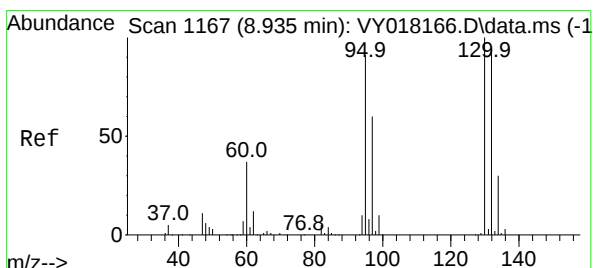
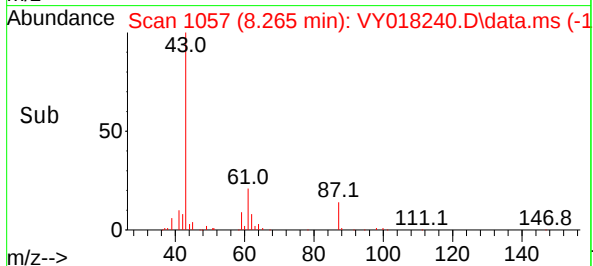
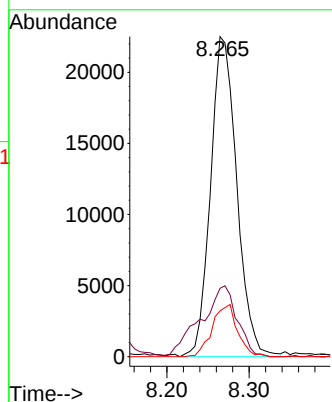
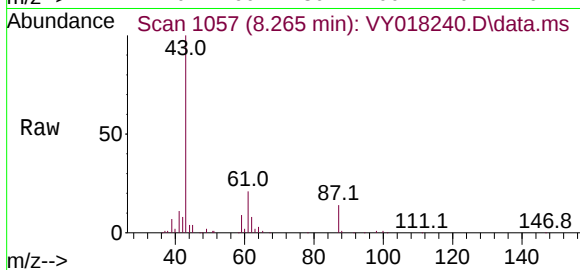
Tgt Ion: 43 Resp: 49973

Ion Ratio Lower Upper

43 100

61 30.8 27.9 41.9

87 15.6 13.1 19.7



#44

Trichloroethene

Concen: 18.899 ug/l

RT: 8.935 min Scan# 1167

Delta R.T. 0.000 min

Lab File: VY018240.D

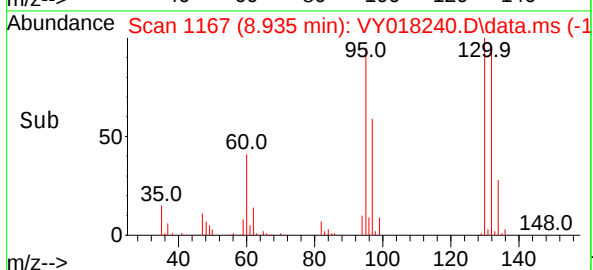
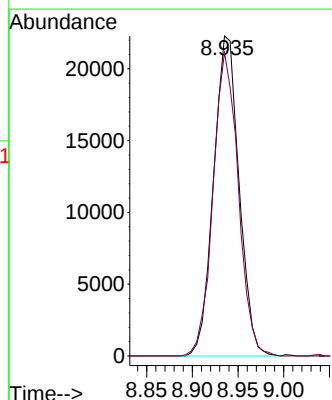
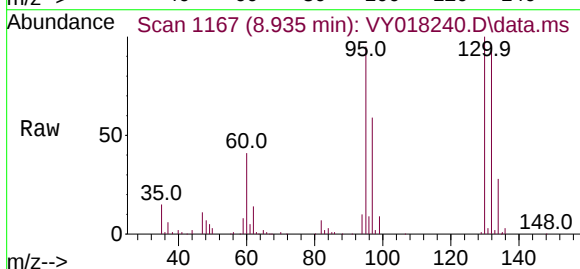
Acq: 13 May 2024 13:49

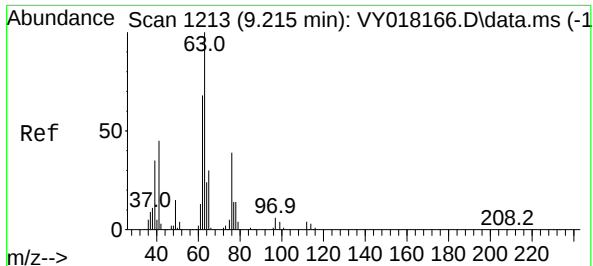
Tgt Ion:130 Resp: 43182

Ion Ratio Lower Upper

130 100

95 94.9 0.0 188.0

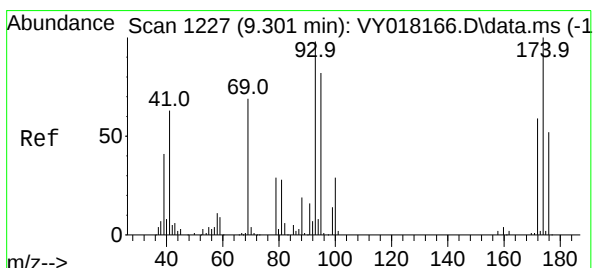
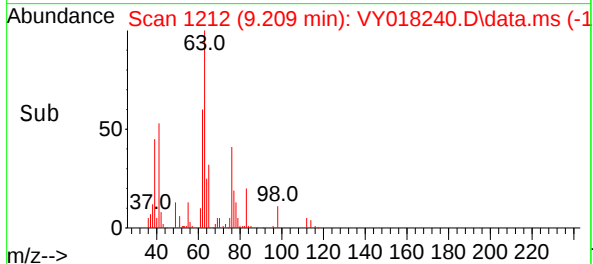
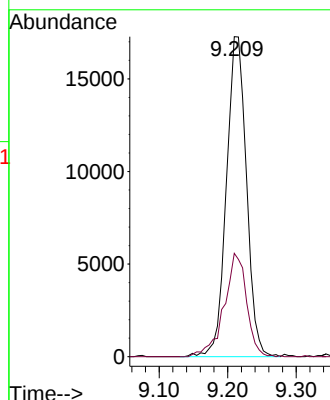
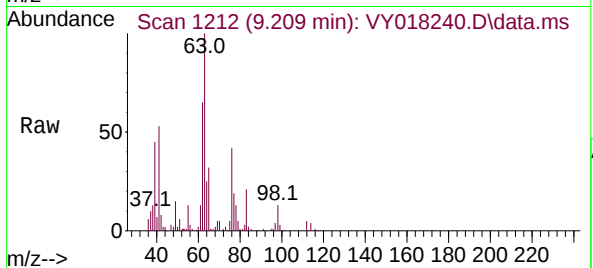




#45
1,2-Dichloropropane
Concen: 19.123 ug/l
RT: 9.209 min Scan# 1212
Delta R.T. -0.006 min
Lab File: VY018240.D
Acq: 13 May 2024 13:49

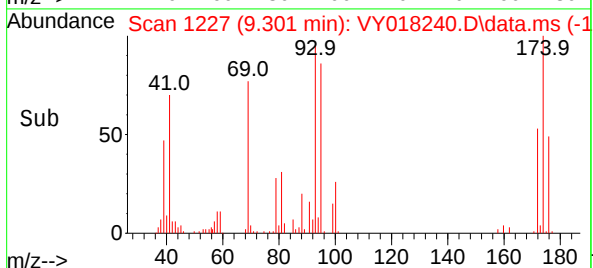
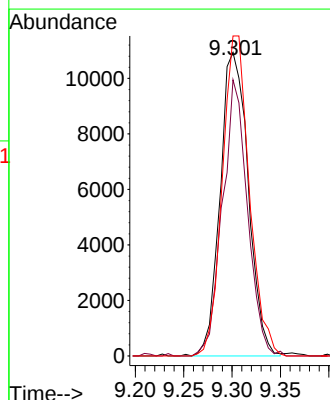
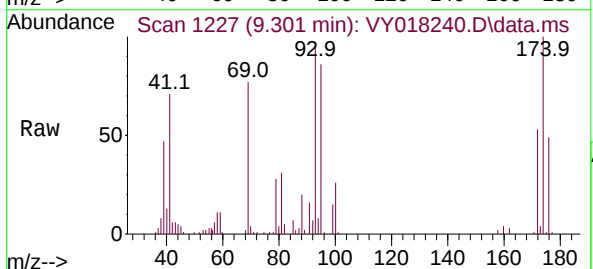
Instrument :
MSVOA_Y
ClientSampleId :

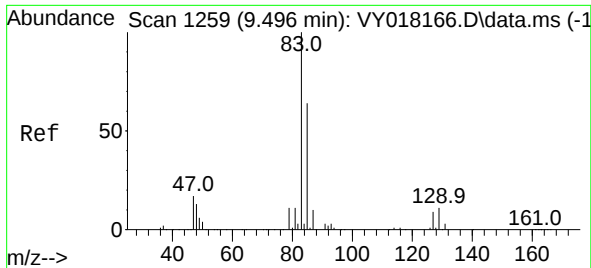
Tgt Ion: 63 Resp: 35091
Ion Ratio Lower Upper
63 100
65 32.3 25.4 38.2



#46
Dibromomethane
Concen: 20.914 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.000 min
Lab File: VY018240.D
Acq: 13 May 2024 13:49

Tgt Ion: 93 Resp: 22063
Ion Ratio Lower Upper
93 100
95 81.2 66.2 99.4
174 101.5 80.9 121.3

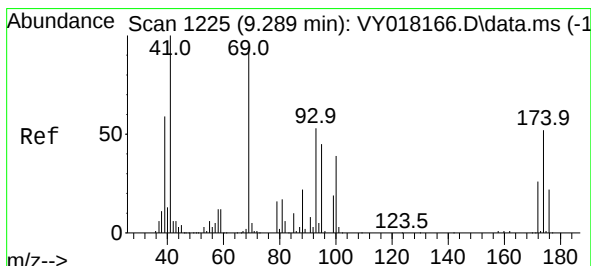
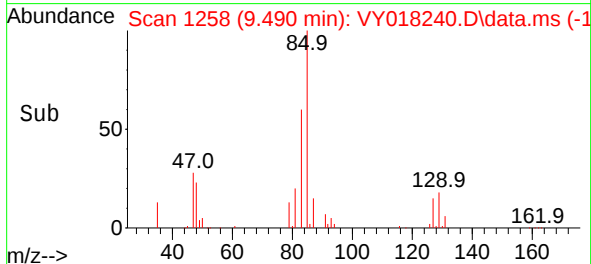
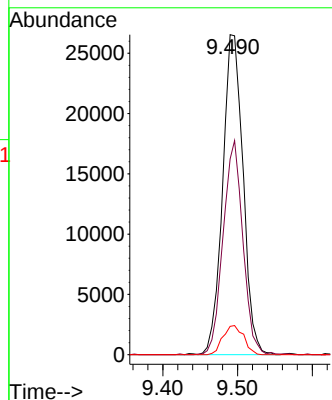
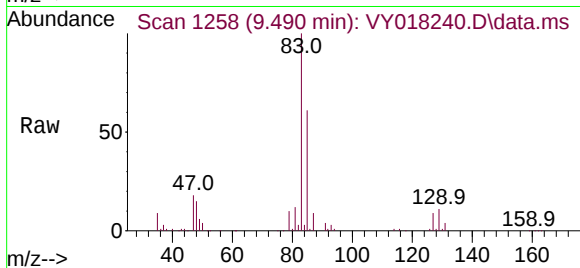




#47
Bromodichloromethane
Concen: 19.383 ug/l
RT: 9.490 min Scan# 1259
Delta R.T. -0.006 min
Lab File: VY018240.D
Acq: 13 May 2024 13:49

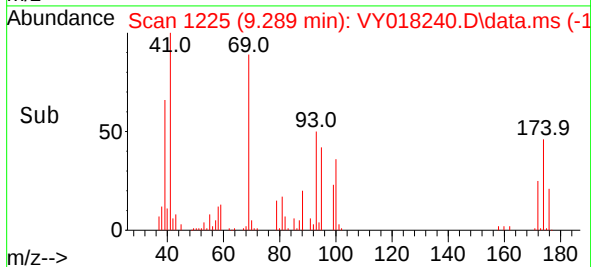
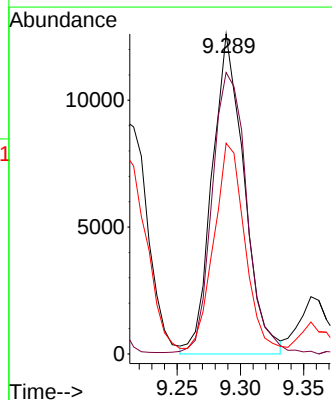
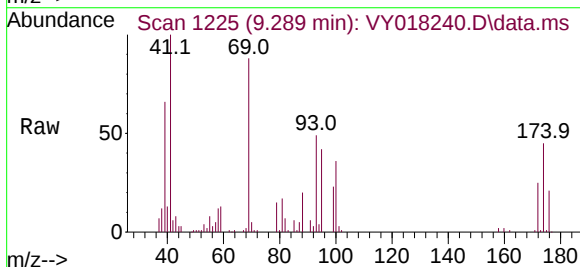
Instrument :
MSVOA_Y
ClientSampleId :

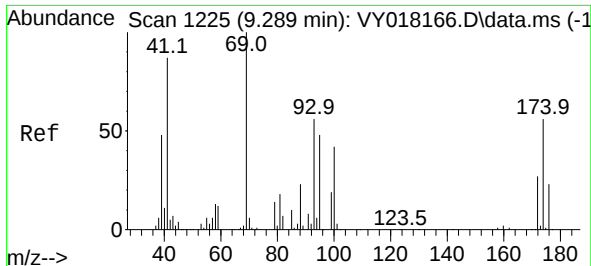
Tgt Ion: 83 Resp: 50551
Ion Ratio Lower Upper
83 100
85 60.9 50.1 75.1
127 8.8 7.4 11.0



#48
Methyl methacrylate
Concen: 21.514 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VY018240.D
Acq: 13 May 2024 13:49

Tgt Ion: 41 Resp: 22197
Ion Ratio Lower Upper
41 100
69 95.7 84.1 126.1
39 61.5 43.6 65.4





#49

1,4-Dioxane

Concen: 425.340 ug/l

RT: 9.289 min Scan# 1225

Delta R.T. 0.000 min

Lab File: VY018240.D

Acq: 13 May 2024 13:49

Instrument :

MSVOA_Y

ClientSampleId :

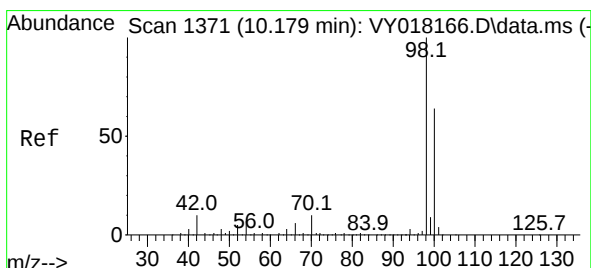
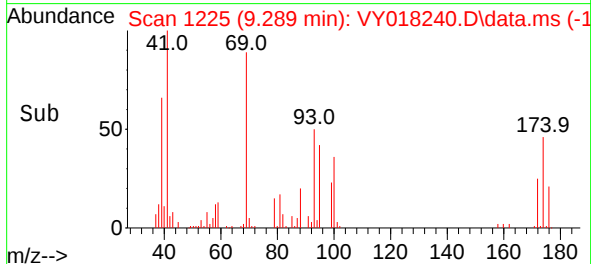
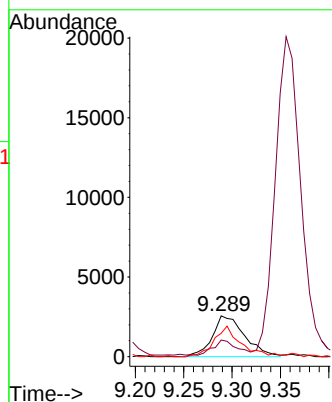
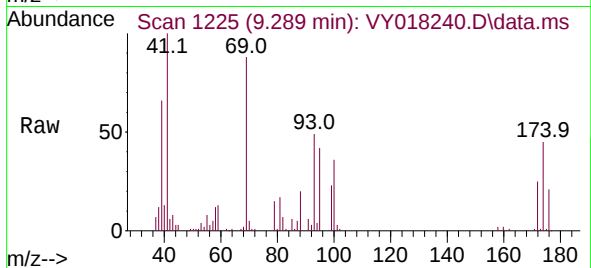
Tgt Ion: 88 Resp: 5956

Ion Ratio Lower Upper

88 100

43 27.1 0.0 0.0#

58 61.3 49.3 73.9



#50

Toluene-d8

Concen: 51.437 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY018240.D

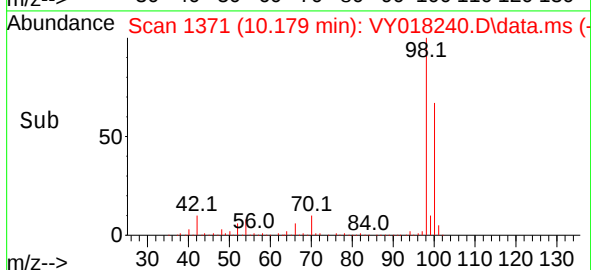
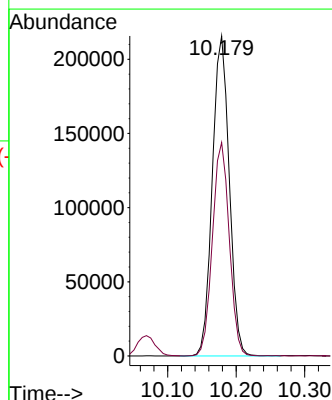
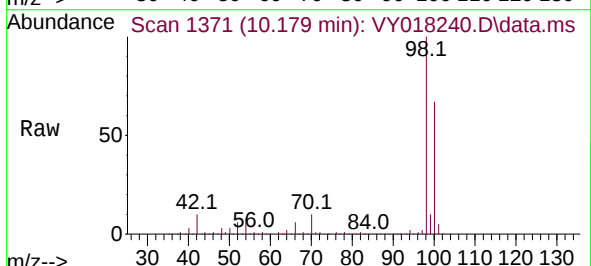
Acq: 13 May 2024 13:49

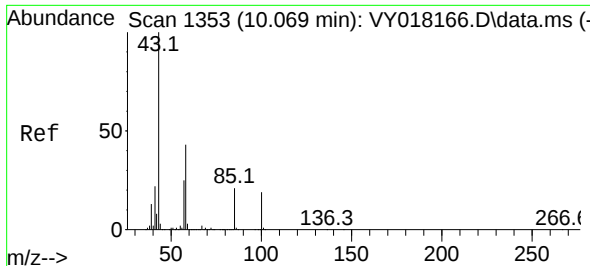
Tgt Ion: 98 Resp: 368954

Ion Ratio Lower Upper

98 100

100 66.4 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 113.225 ug/l

RT: 10.069 min Scan# 1353

Delta R.T. 0.000 min

Lab File: VY018240.D

Acq: 13 May 2024 13:49

Instrument :

MSVOA_Y

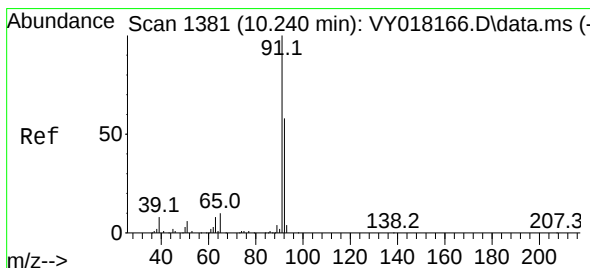
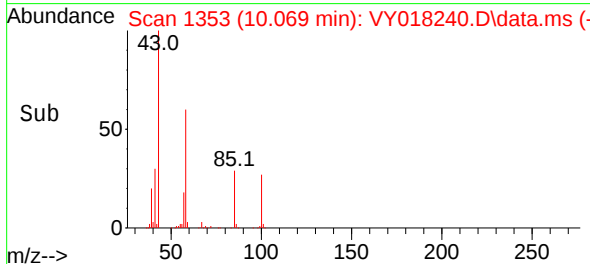
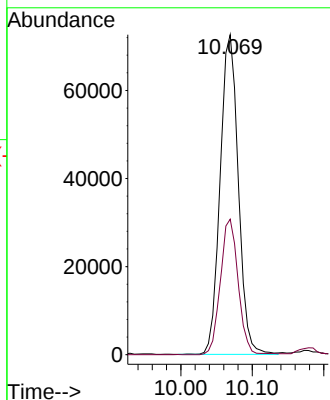
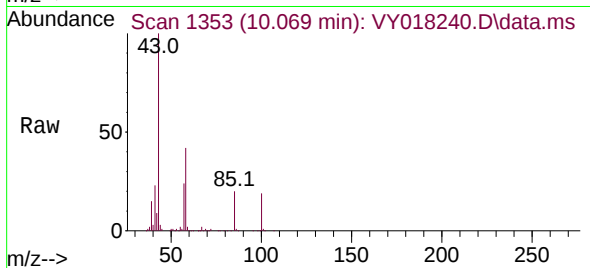
ClientSampleId :

Tgt Ion: 43 Resp: 128110

Ion Ratio Lower Upper

43 100

58 41.6 35.7 53.5



#52

Toluene

Concen: 19.144 ug/l

RT: 10.240 min Scan# 1381

Delta R.T. 0.000 min

Lab File: VY018240.D

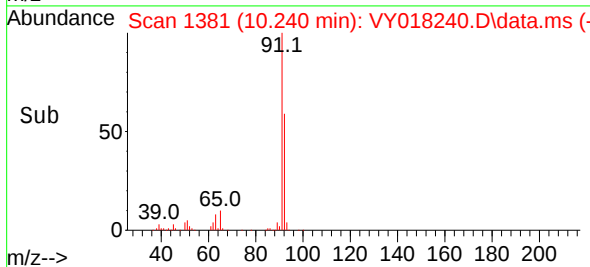
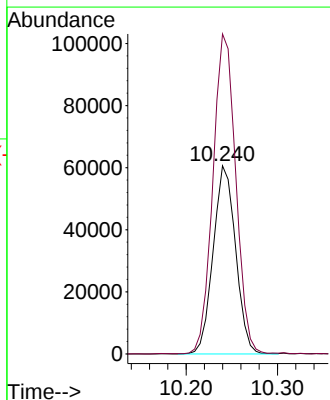
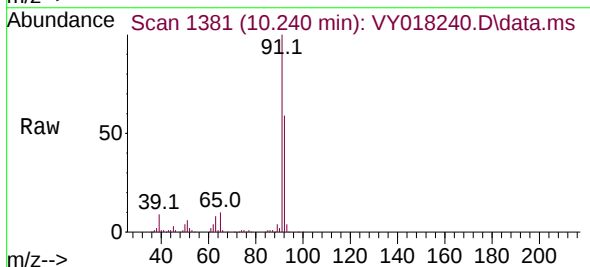
Acq: 13 May 2024 13:49

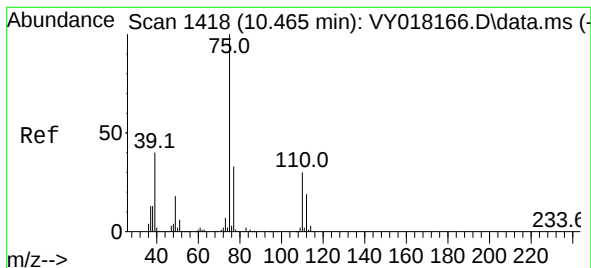
Tgt Ion: 92 Resp: 103444

Ion Ratio Lower Upper

92 100

91 172.9 139.0 208.6





#53

t-1,3-Dichloropropene

Concen: 19.930 ug/l

RT: 10.465 min Scan# 1418

Delta R.T. 0.000 min

Lab File: VY018240.D

Acq: 13 May 2024 13:49

Instrument :

MSVOA_Y

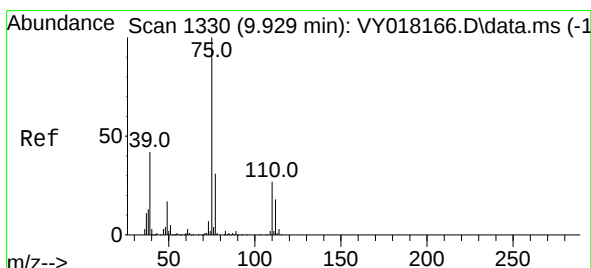
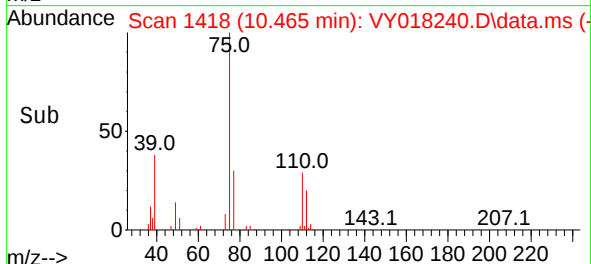
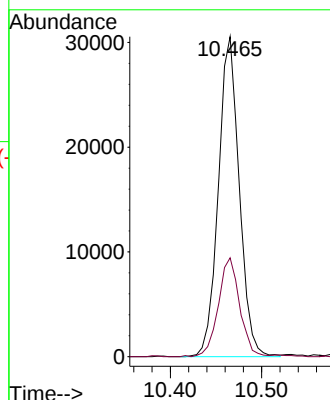
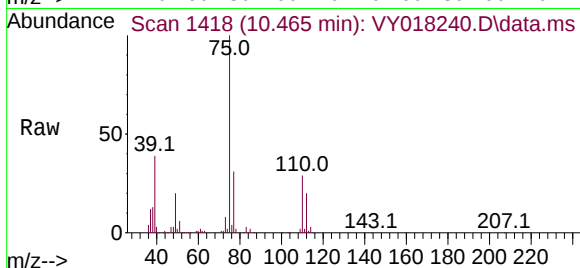
ClientSampleId :

Tgt Ion: 75 Resp: 48549

Ion Ratio Lower Upper

75 100

77 30.9 24.1 36.1



#54

cis-1,3-Dichloropropene

Concen: 19.786 ug/l

RT: 9.929 min Scan# 1330

Delta R.T. 0.000 min

Lab File: VY018240.D

Acq: 13 May 2024 13:49

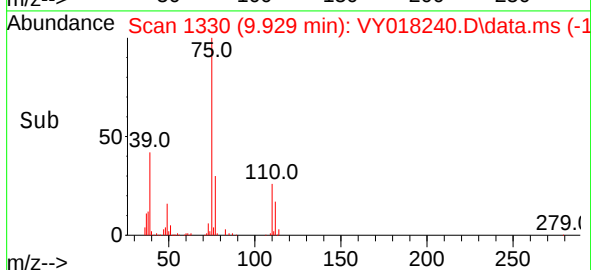
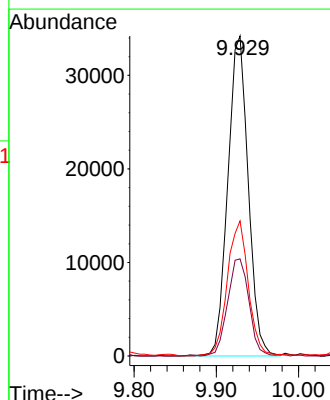
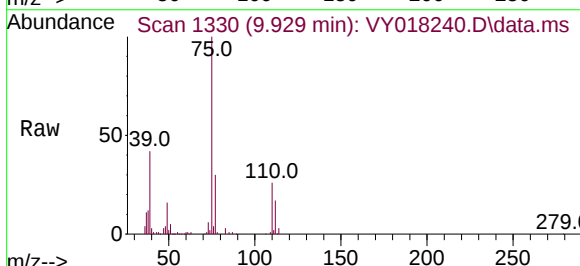
Tgt Ion: 75 Resp: 58917

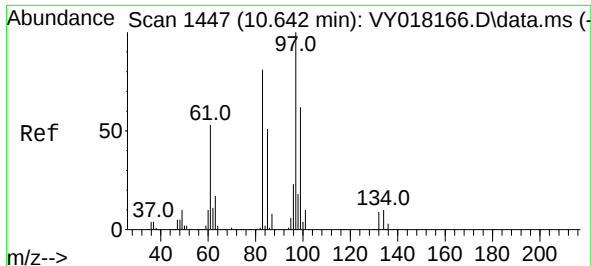
Ion Ratio Lower Upper

75 100

77 30.4 25.4 38.0

39 42.2 29.8 44.6





#55

1,1,2-Trichloroethane

Concen: 20.425 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. 0.000 min

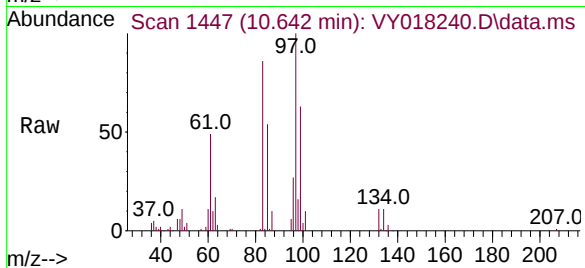
Lab File: VY018240.D

Acq: 13 May 2024 13:49

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 97 Resp: 29599

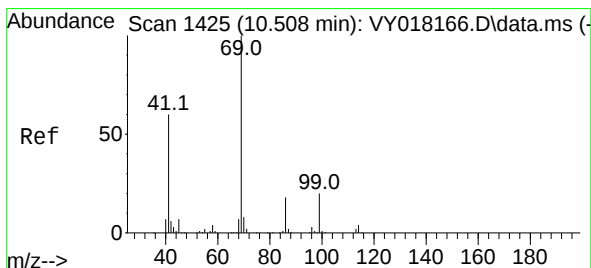
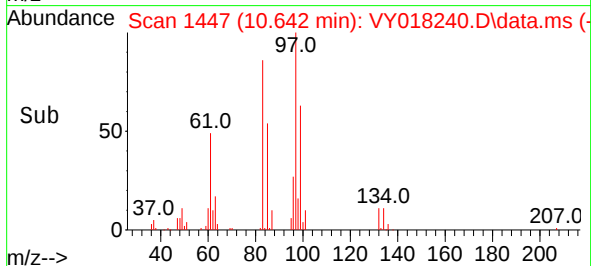
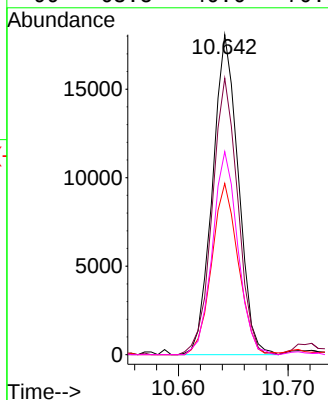
Ion Ratio Lower Upper

97 100

83 86.4 67.5 101.3

85 53.5 42.9 64.3

99 63.5 46.6 70.0



#56

Ethyl methacrylate

Concen: 20.810 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. 0.000 min

Lab File: VY018240.D

Acq: 13 May 2024 13:49

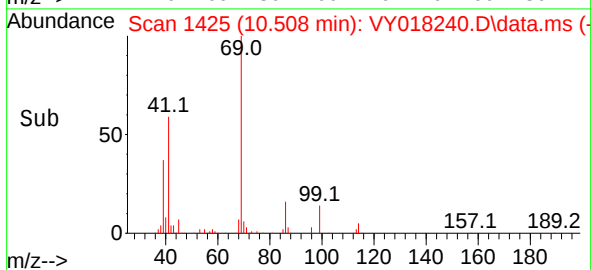
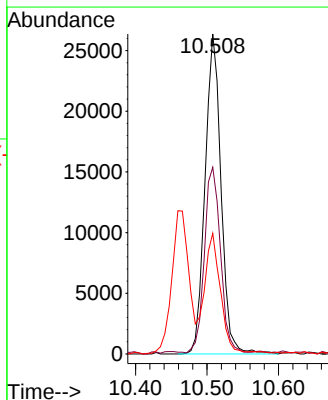
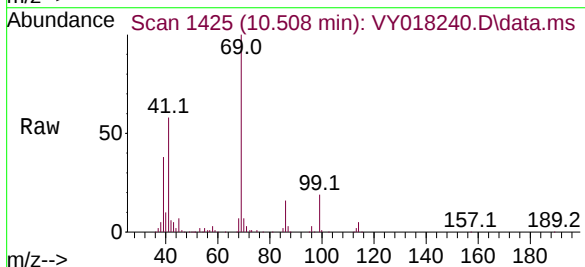
Tgt Ion: 69 Resp: 40958

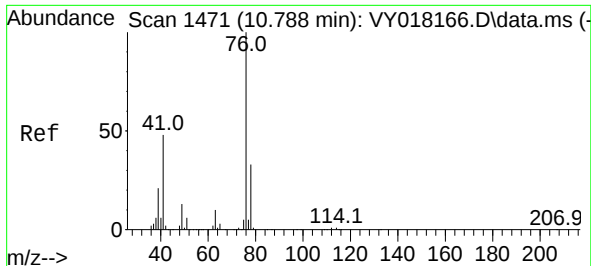
Ion Ratio Lower Upper

69 100

41 58.4 42.3 63.5

39 36.6 22.9 34.3#





#57

1,3-Dichloropropane

Concen: 20.680 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY018240.D

Acq: 13 May 2024 13:49

Instrument :

MSVOA_Y

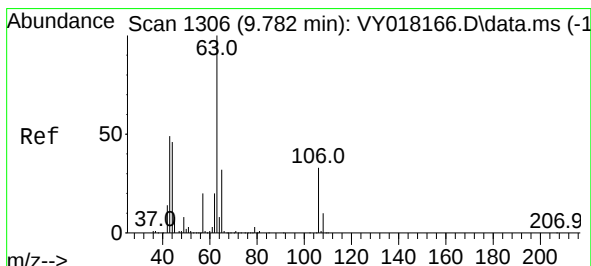
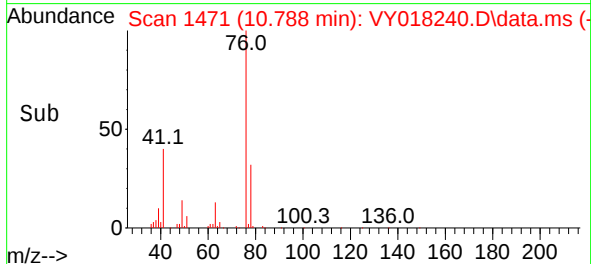
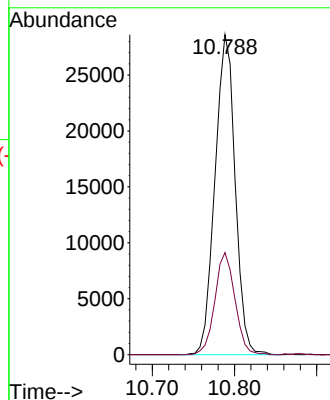
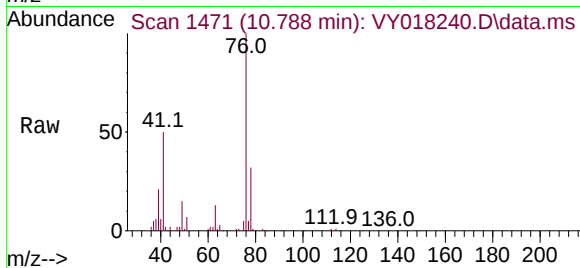
ClientSampleId :

Tgt Ion: 76 Resp: 48775

Ion Ratio Lower Upper

76 100

78 31.7 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 97.734 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY018240.D

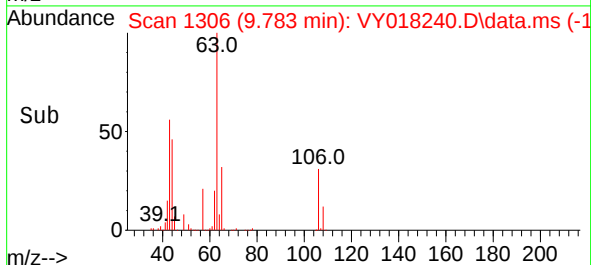
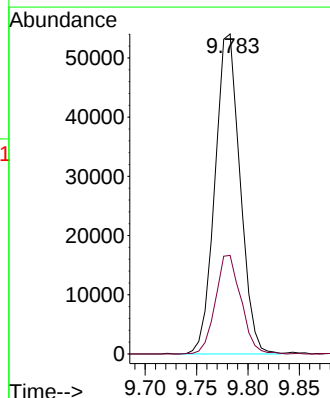
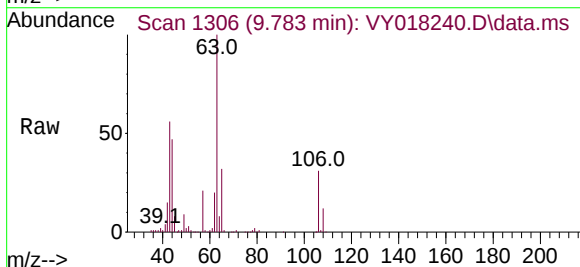
Acq: 13 May 2024 13:49

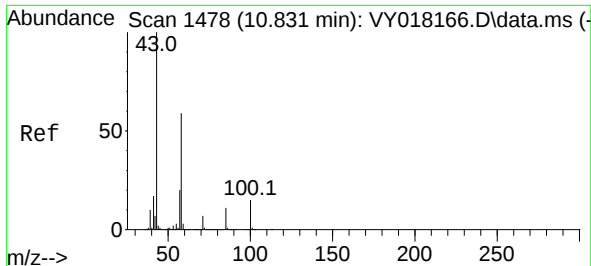
Tgt Ion: 63 Resp: 91852

Ion Ratio Lower Upper

63 100

106 31.4 23.7 35.5





#59

2-Hexanone

Concen: 113.729 ug/l

RT: 10.831 min Scan# 1478

Delta R.T. 0.000 min

Lab File: VY018240.D

Acq: 13 May 2024 13:49

Instrument :

MSVOA_Y

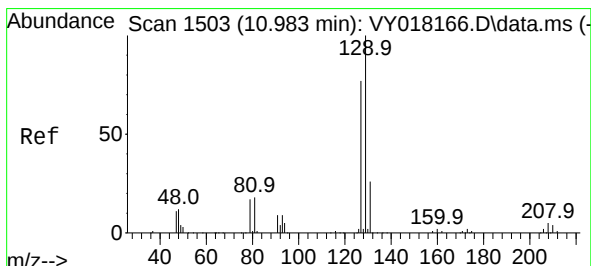
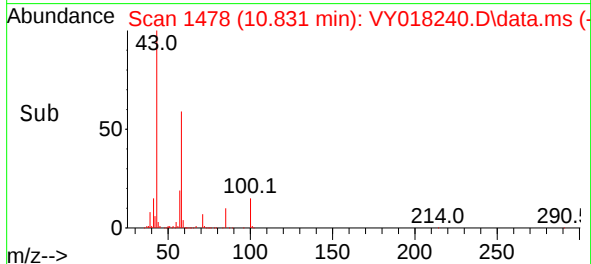
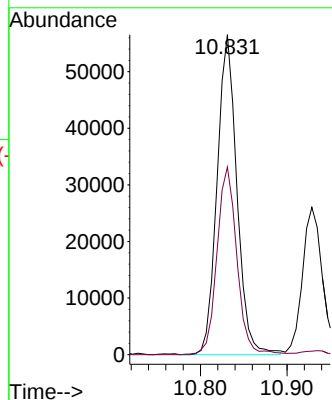
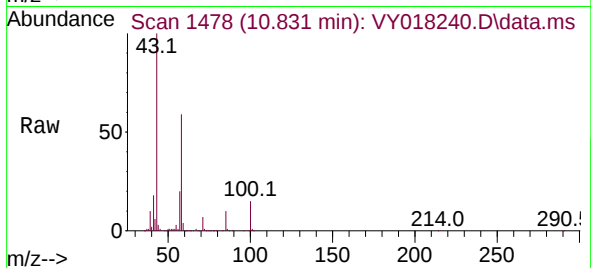
ClientSampleId :

Tgt Ion: 43 Resp: 89974

Ion Ratio Lower Upper

43 100

58 58.7 31.4 94.0



#60

Dibromochloromethane

Concen: 19.853 ug/l

RT: 10.984 min Scan# 1503

Delta R.T. 0.000 min

Lab File: VY018240.D

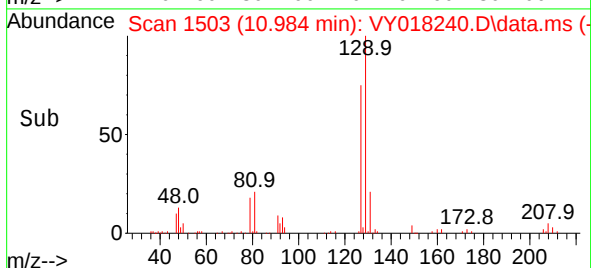
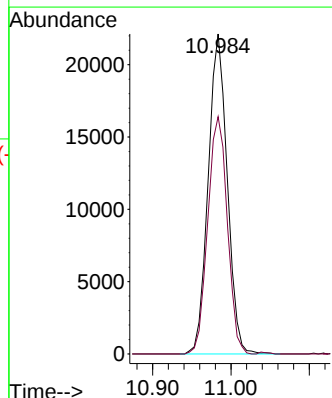
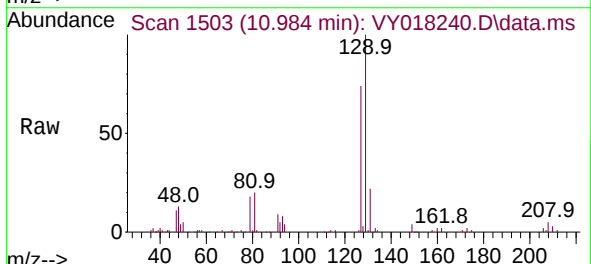
Acq: 13 May 2024 13:49

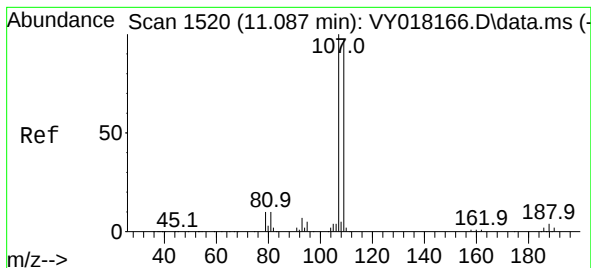
Tgt Ion:129 Resp: 37328

Ion Ratio Lower Upper

129 100

127 76.1 39.0 117.0





#61

1,2-Dibromoethane

Concen: 20.386 ug/l

RT: 11.087 min Scan# 1520

Delta R.T. 0.000 min

Lab File: VY018240.D

Acq: 13 May 2024 13:49

Instrument :

MSVOA_Y

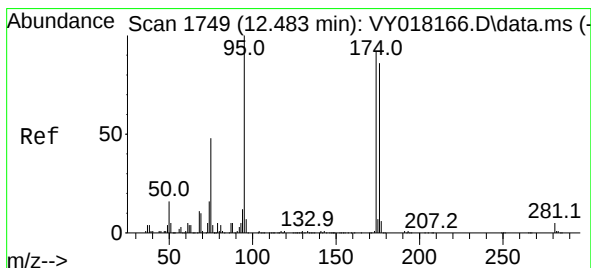
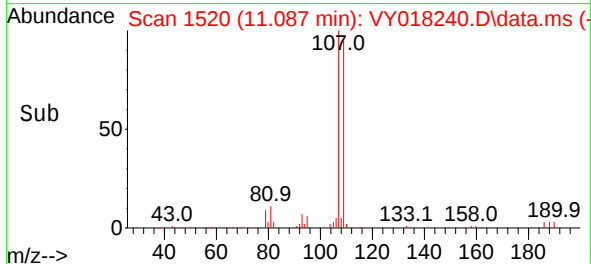
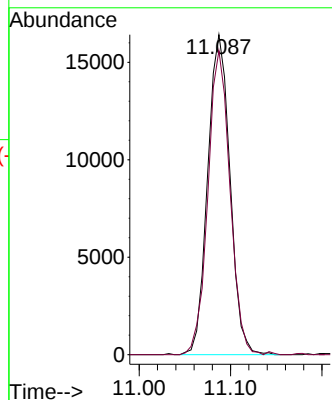
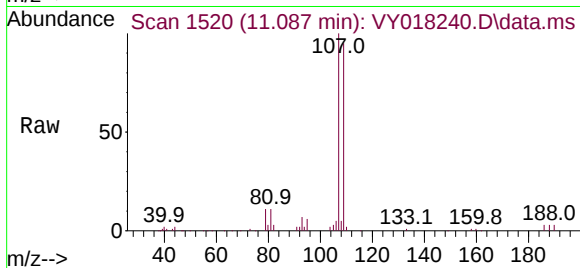
ClientSampleId :

Tgt Ion:107 Resp: 27827

Ion Ratio Lower Upper

107 100

109 93.8 75.9 113.9



#62

4-Bromofluorobenzene

Concen: 50.129 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY018240.D

Acq: 13 May 2024 13:49

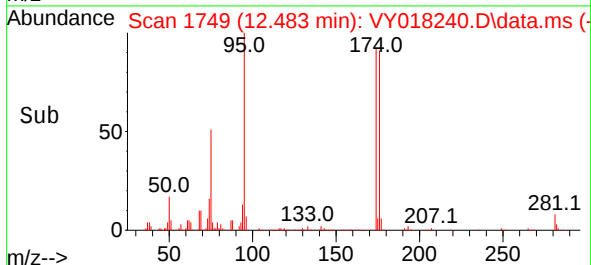
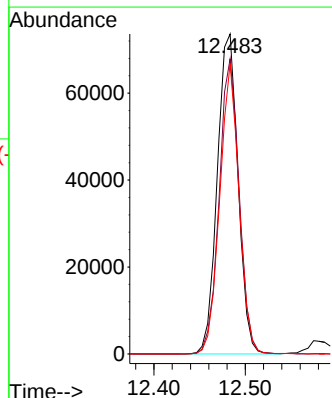
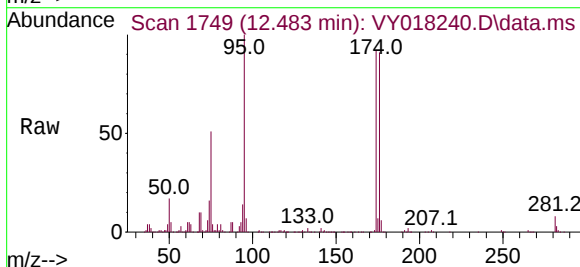
Tgt Ion: 95 Resp: 116120

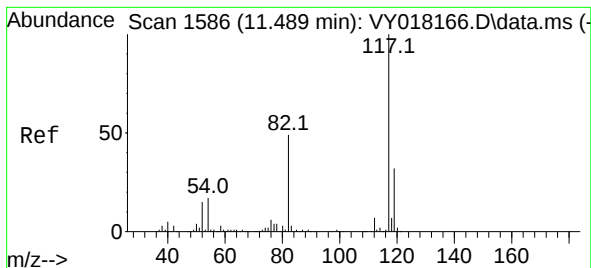
Ion Ratio Lower Upper

95 100

174 89.0 0.0 175.6

176 84.4 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.000 min

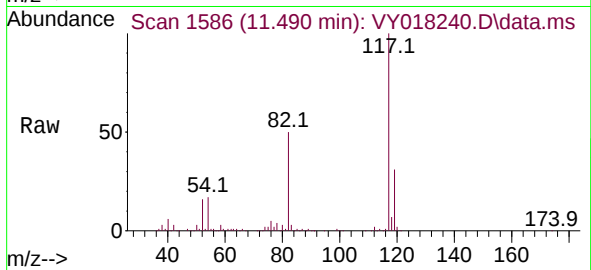
Lab File: VY018240.D

Acq: 13 May 2024 13:49

Instrument :

MSVOA_Y

ClientSampleId :



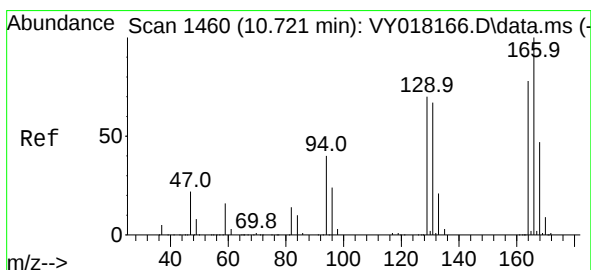
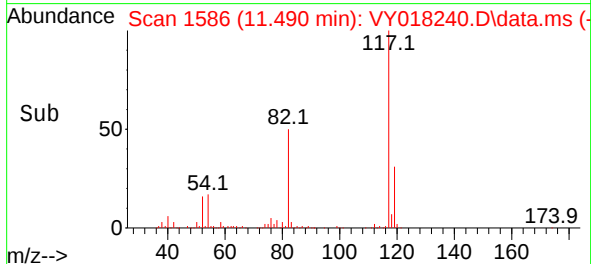
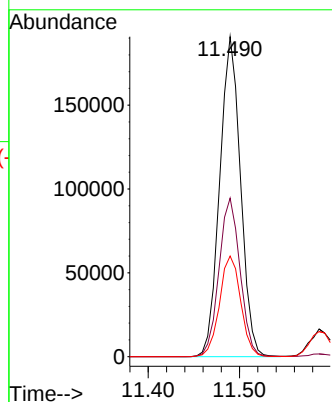
Tgt Ion:117 Resp: 302096

Ion Ratio Lower Upper

117 100

82 49.5 42.4 63.6

119 31.4 25.9 38.9



#64

Tetrachloroethene

Concen: 18.774 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VY018240.D

Acq: 13 May 2024 13:49

Tgt Ion:164 Resp: 37761

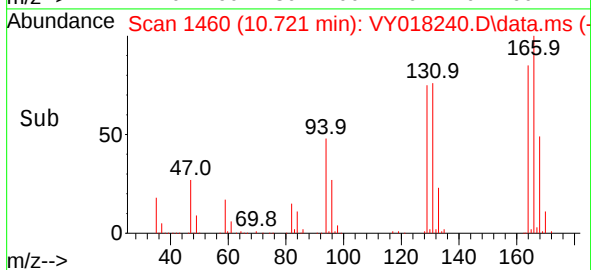
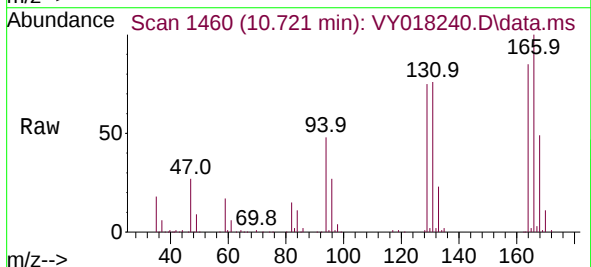
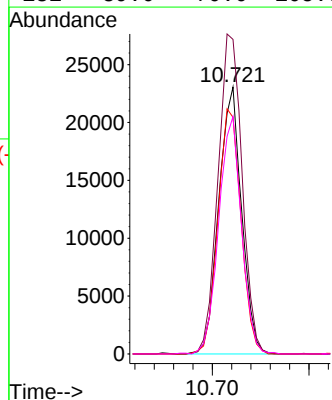
Ion Ratio Lower Upper

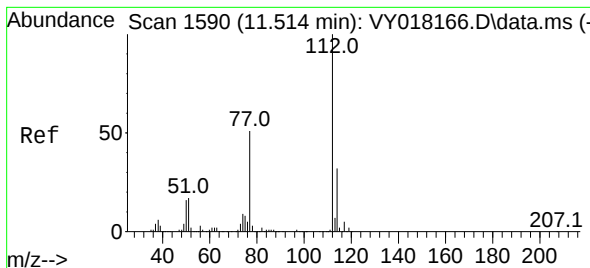
164 100

166 117.9 102.6 154.0

129 88.7 72.0 108.0

131 89.0 70.0 105.0





#65

Chlorobenzene

Concen: 18.695 ug/l

RT: 11.514 min Scan# 1590

Delta R.T. 0.000 min

Lab File: VY018240.D

Acq: 13 May 2024 13:49

Instrument :

MSVOA_Y

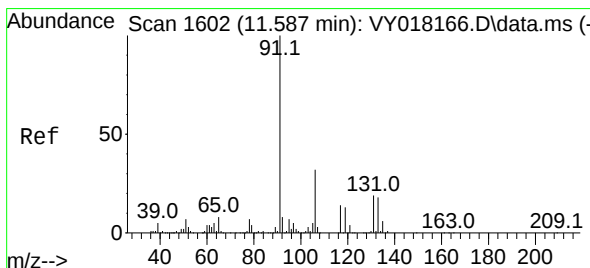
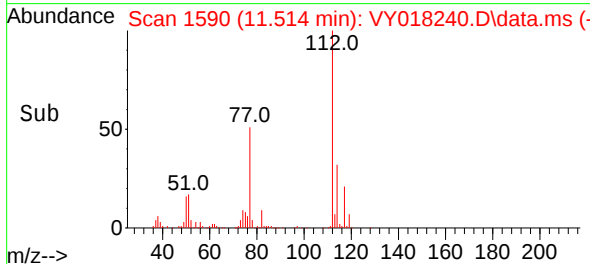
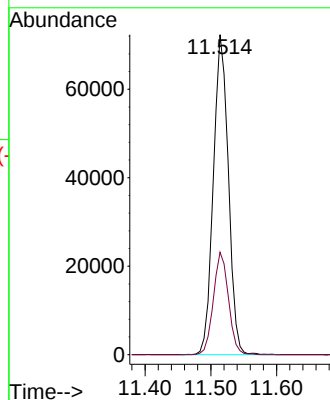
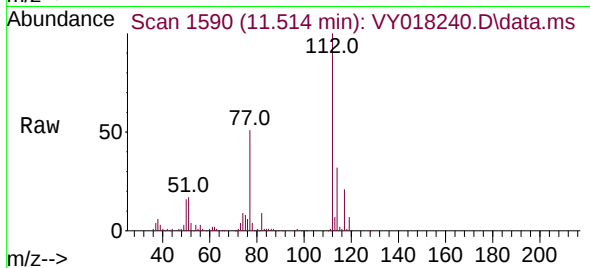
ClientSampleId :

Tgt Ion:112 Resp: 115023

Ion Ratio Lower Upper

112 100

114 32.0 26.4 39.6



#66

1,1,1,2-Tetrachloroethane

Concen: 18.178 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VY018240.D

Acq: 13 May 2024 13:49

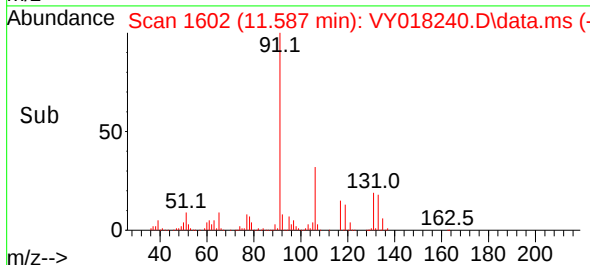
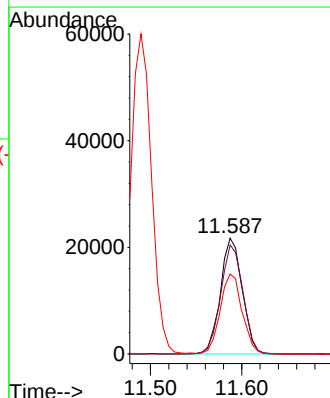
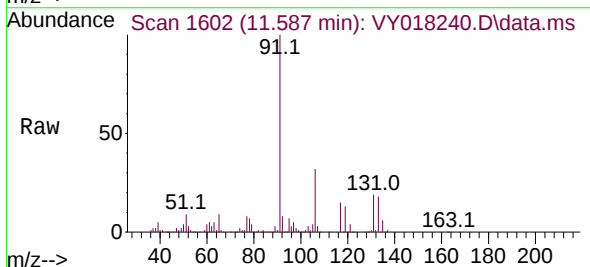
Tgt Ion:131 Resp: 36178

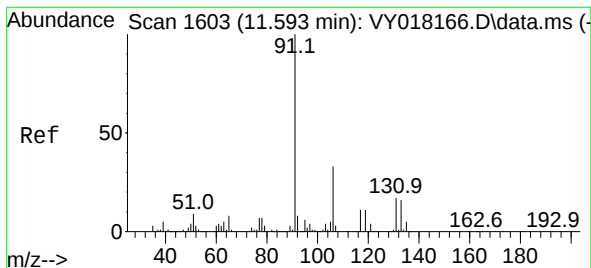
Ion Ratio Lower Upper

131 100

133 95.3 47.8 143.3

119 69.1 34.1 102.2





#67

Ethyl Benzene

Concen: 18.623 ug/l

RT: 11.593 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018240.D

Acq: 13 May 2024 13:49

Instrument :

MSVOA_Y

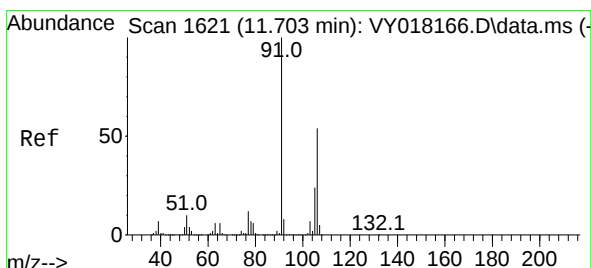
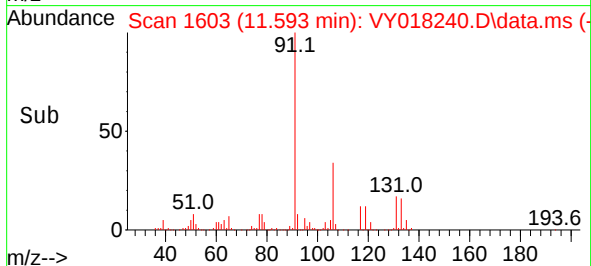
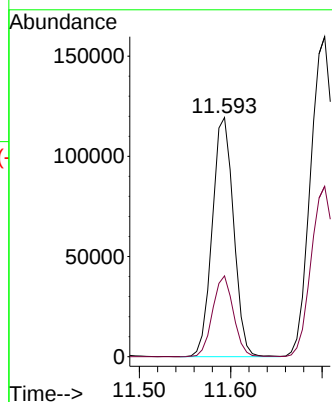
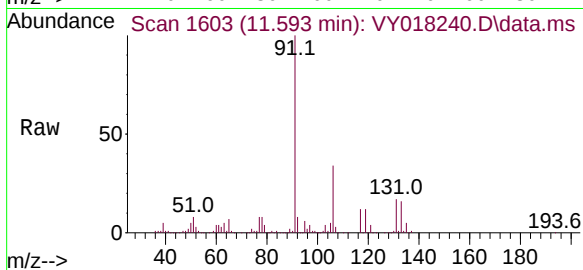
ClientSampleId :

Tgt Ion: 91 Resp: 193464

Ion Ratio Lower Upper

91 100

106 33.8 24.5 36.7



#68

m/p-Xylenes

Concen: 37.586 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.000 min

Lab File: VY018240.D

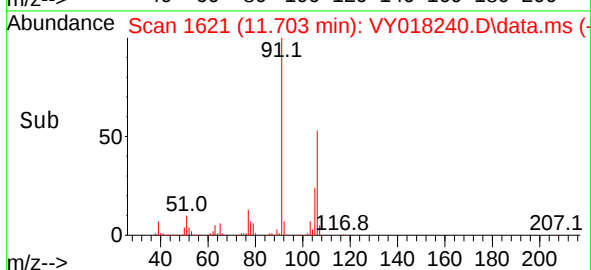
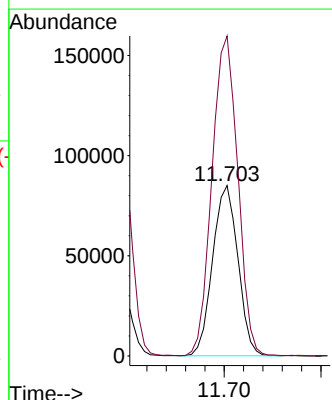
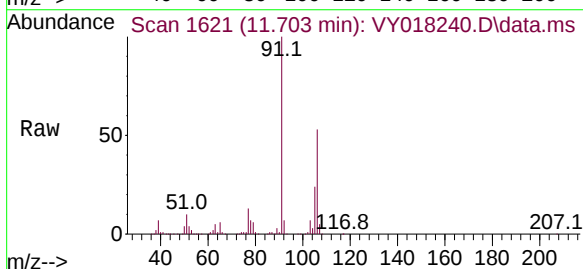
Acq: 13 May 2024 13:49

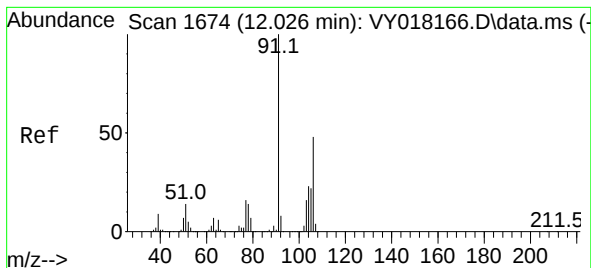
Tgt Ion:106 Resp: 154409

Ion Ratio Lower Upper

106 100

91 191.7 156.0 234.0





#69

o-Xylene

Concen: 18.734 ug/l

RT: 12.026 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018240.D

Acq: 13 May 2024 13:49

Instrument :

MSVOA_Y

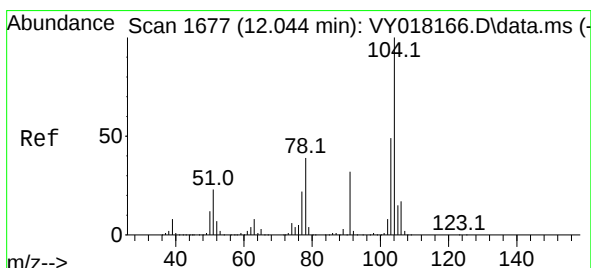
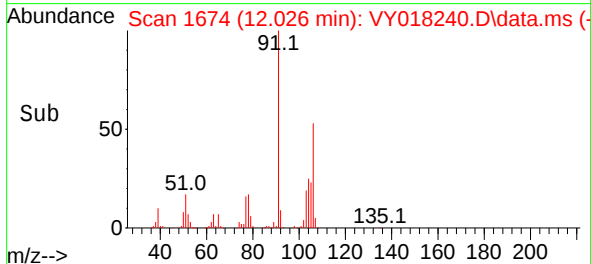
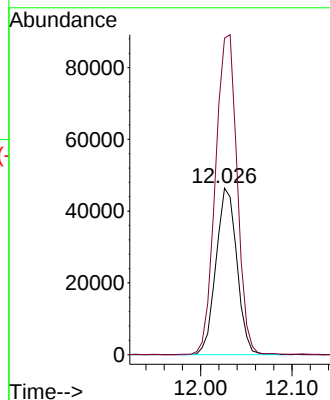
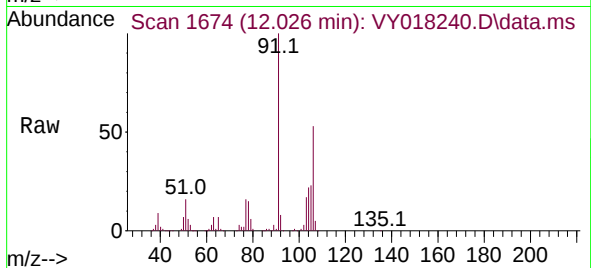
ClientSampleId :

Tgt Ion:106 Resp: 73857

Ion Ratio Lower Upper

106 100

91 199.8 103.6 310.8



#70

Styrene

Concen: 18.906 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY018240.D

Acq: 13 May 2024 13:49

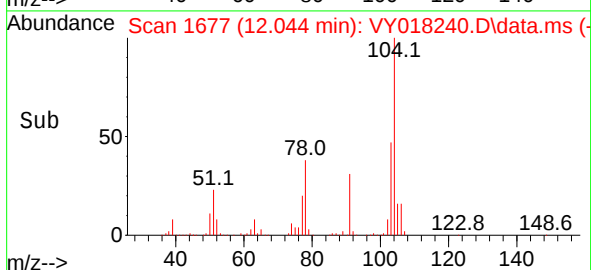
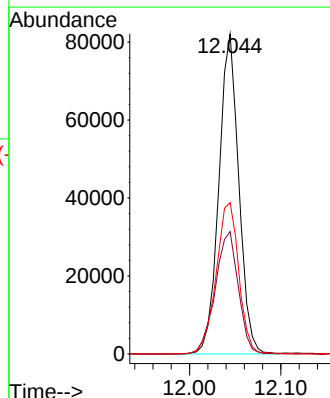
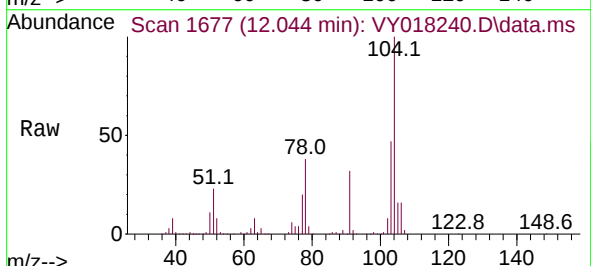
Tgt Ion:104 Resp: 124472

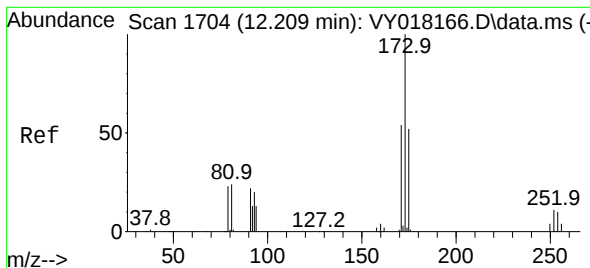
Ion Ratio Lower Upper

104 100

78 44.3 37.0 55.4

103 53.8 44.2 66.2





#71

Bromoform

Concen: 19.676 ug/l

RT: 12.209 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018240.D

Acq: 13 May 2024 13:49

Instrument :

MSVOA_Y

ClientSampleId :

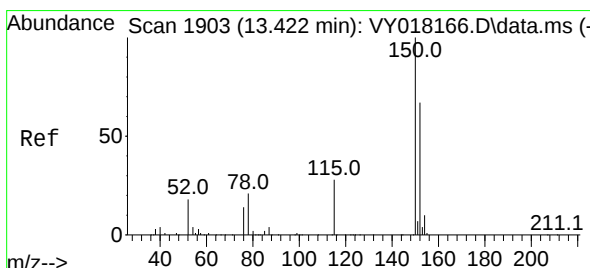
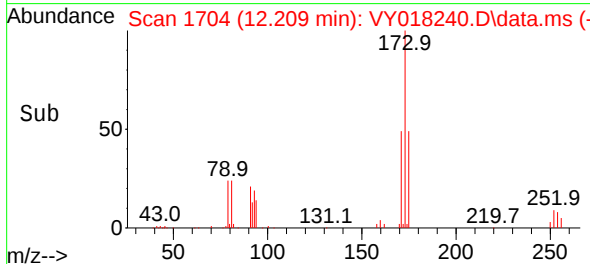
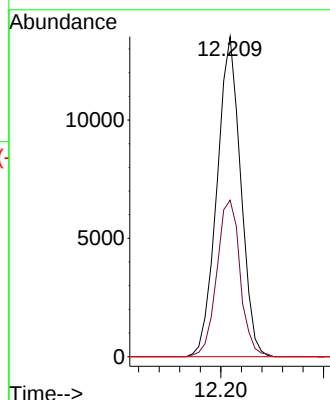
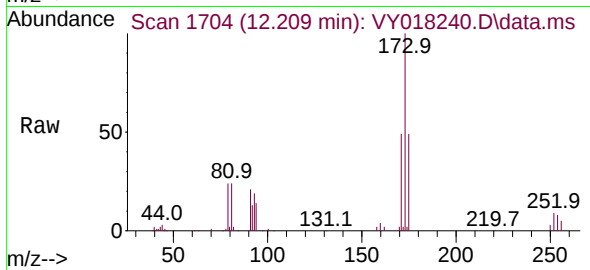
Tgt Ion:173 Resp: 21667

Ion Ratio Lower Upper

173 100

175 48.1 25.1 75.3

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY018240.D

Acq: 13 May 2024 13:49

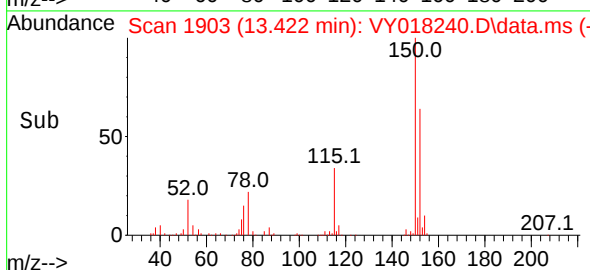
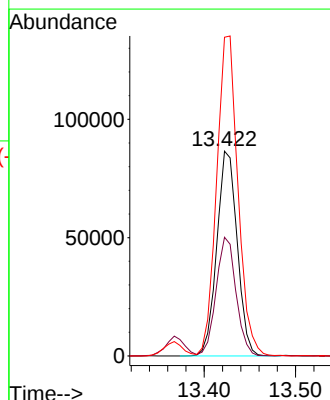
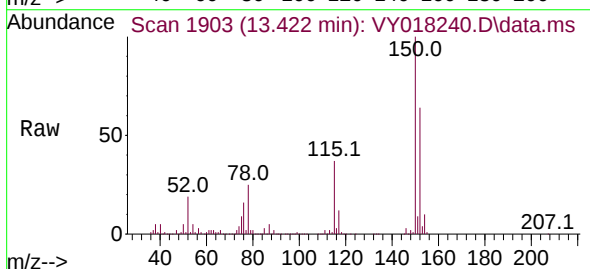
Tgt Ion:152 Resp: 134453

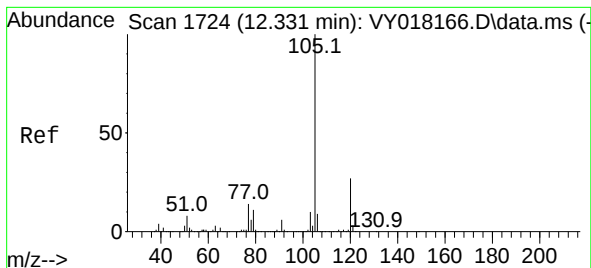
Ion Ratio Lower Upper

152 100

115 56.7 28.2 84.7

150 163.2 0.0 345.6





#73

Isopropylbenzene

Concen: 18.867 ug/l

RT: 12.331 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018240.D

Acq: 13 May 2024 13:49

Instrument :

MSVOA_Y

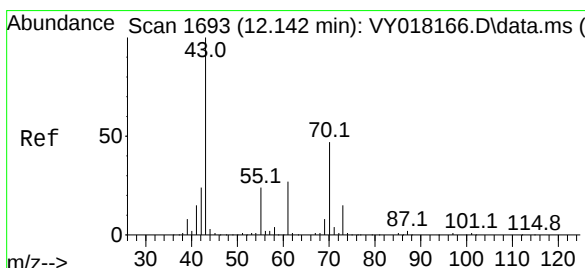
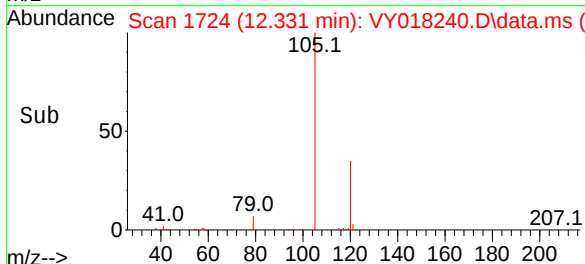
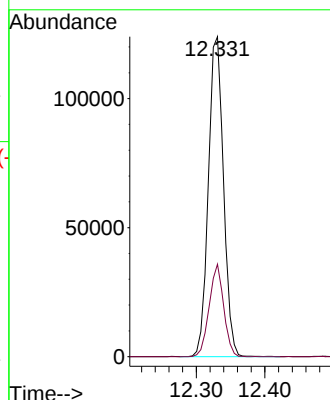
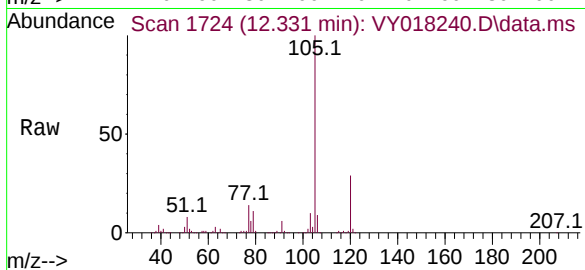
ClientSampleId :

Tgt Ion:105 Resp: 190198

Ion Ratio Lower Upper

105 100

120 27.7 13.4 40.1



#74

N-ethyl acetate

Concen: 21.191 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. 0.000 min

Lab File: VY018240.D

Acq: 13 May 2024 13:49

Tgt Ion: 43 Resp: 44345

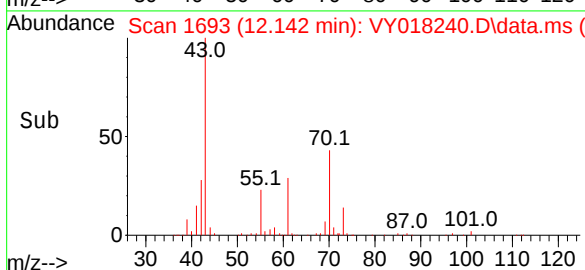
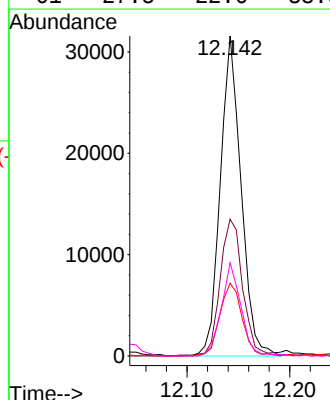
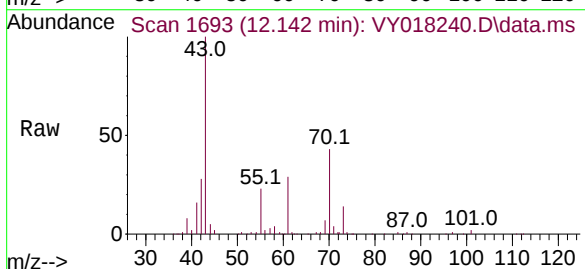
Ion Ratio Lower Upper

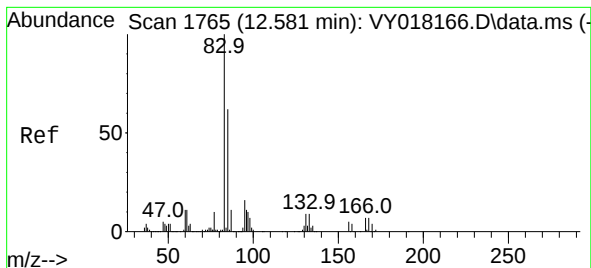
43 100

70 46.3 41.4 62.2

55 24.2 23.3 34.9

61 27.5 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 20.169 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. 0.000 min

Lab File: VY018240.D

Acq: 13 May 2024 13:49

Instrument :

MSVOA_Y

ClientSampleId :

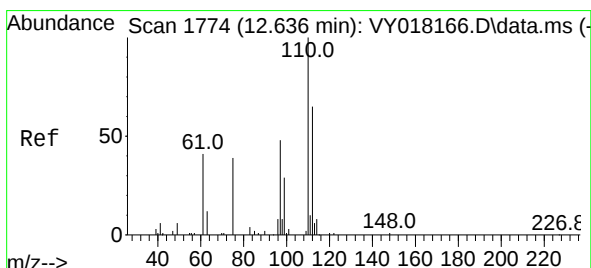
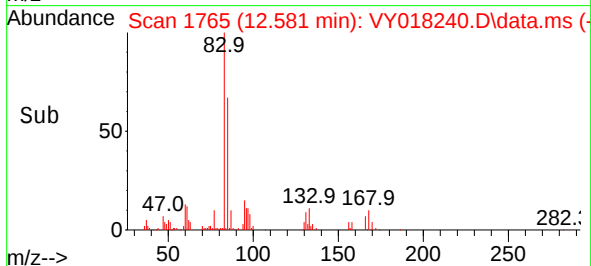
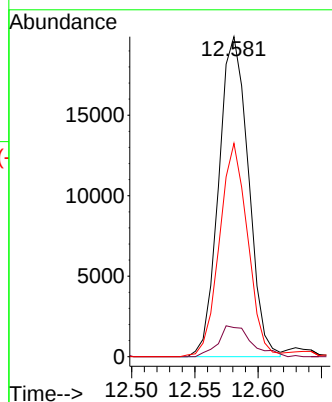
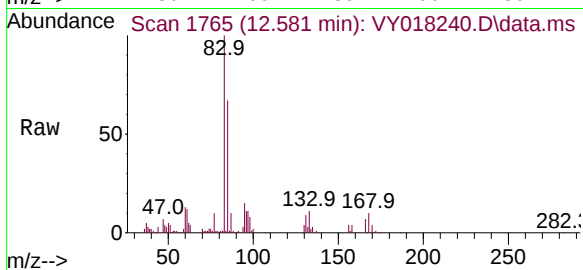
Tgt Ion: 83 Resp: 32433

Ion Ratio Lower Upper

83 100

131 10.7 5.0 14.9

85 63.3 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 38.581 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. -0.006 min

Lab File: VY018240.D

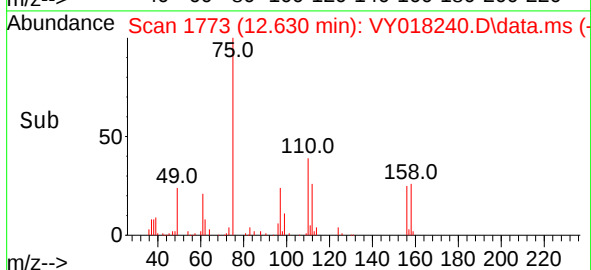
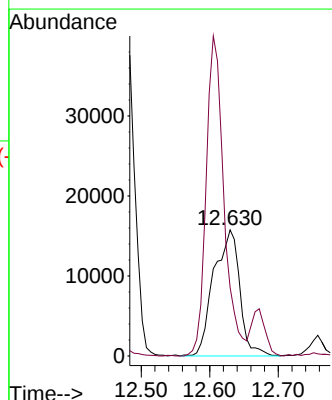
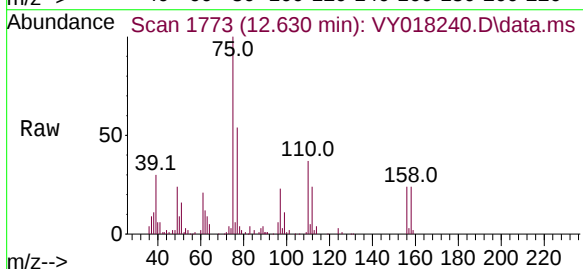
Acq: 13 May 2024 13:49

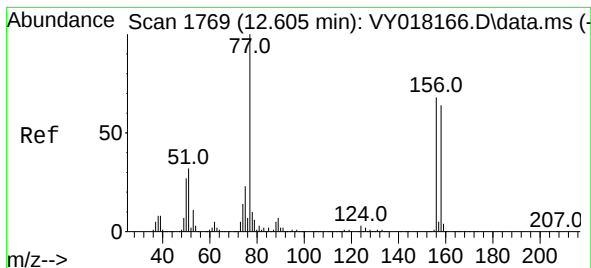
Tgt Ion: 75 Resp: 41521

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 18.442 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY018240.D

Acq: 13 May 2024 13:49

Instrument :

MSVOA_Y

ClientSampleId :

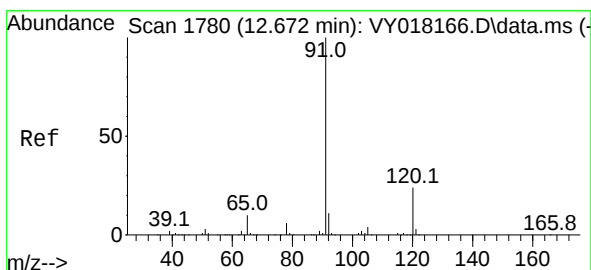
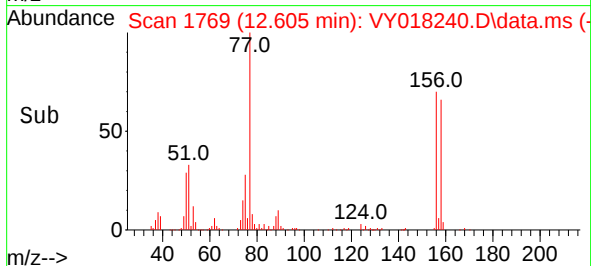
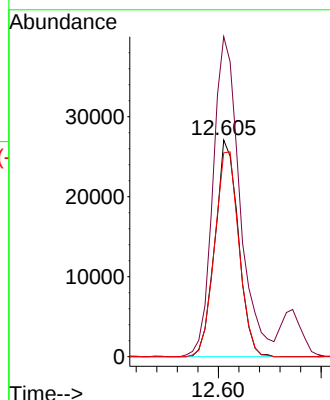
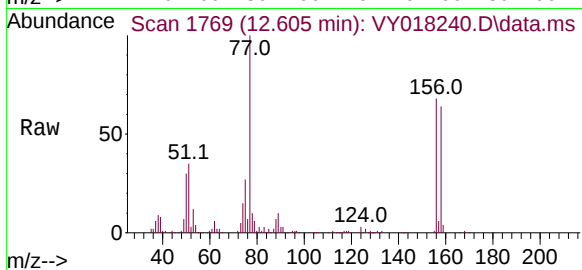
Tgt Ion:156 Resp: 42710

Ion Ratio Lower Upper

156 100

77 169.8 87.1 261.3

158 98.7 48.6 145.9



#78

n-propylbenzene

Concen: 19.042 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY018240.D

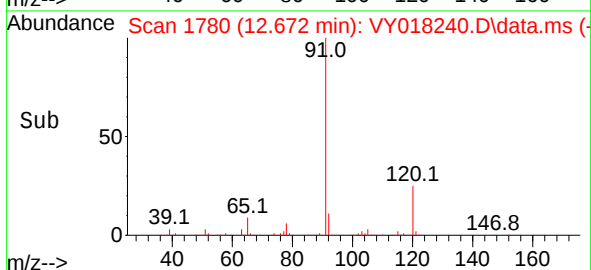
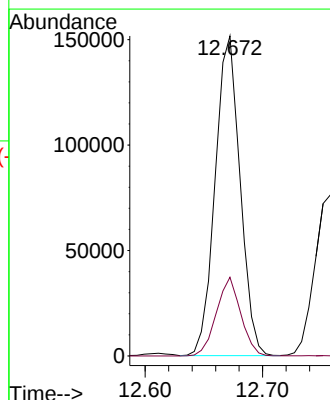
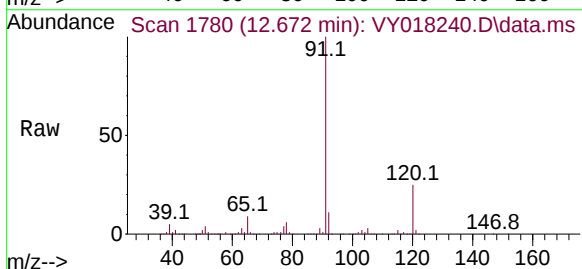
Acq: 13 May 2024 13:49

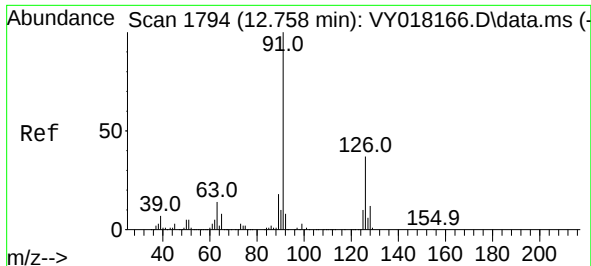
Tgt Ion: 91 Resp: 223274

Ion Ratio Lower Upper

91 100

120 24.1 11.5 34.4





#79

2-Chlorotoluene

Concen: 18.704 ug/l

RT: 12.758 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018240.D

Acq: 13 May 2024 13:49

Instrument :

MSVOA_Y

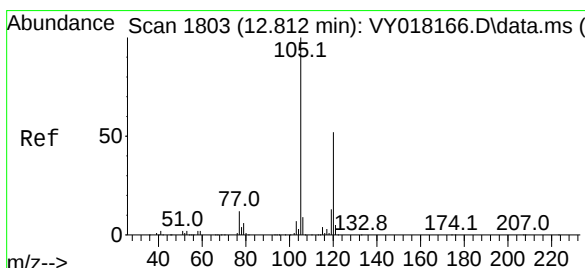
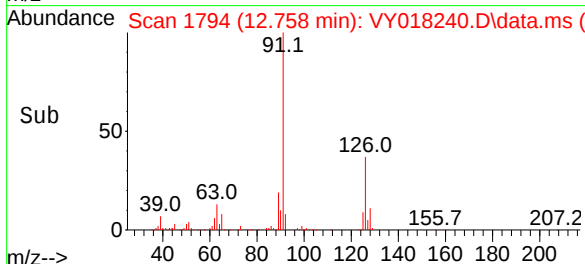
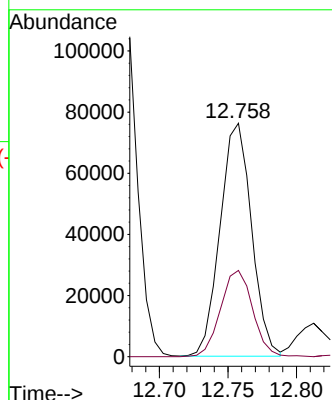
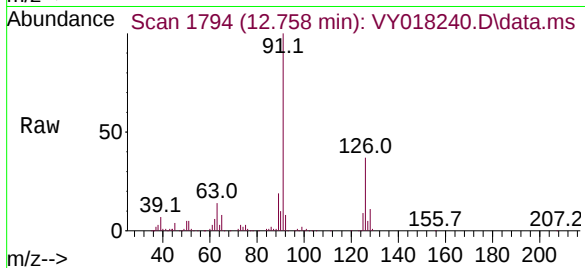
ClientSampleId :

Tgt Ion: 91 Resp: 121868

Ion Ratio Lower Upper

91 100

126 37.8 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 19.085 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VY018240.D

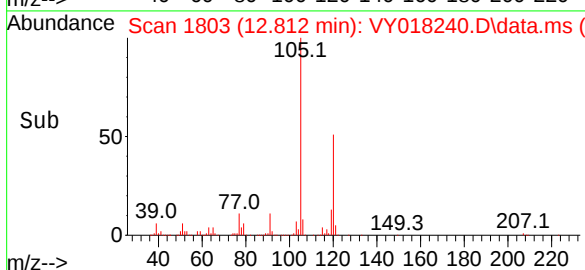
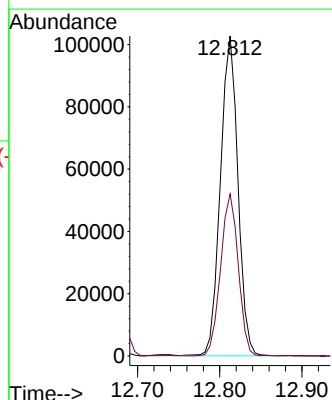
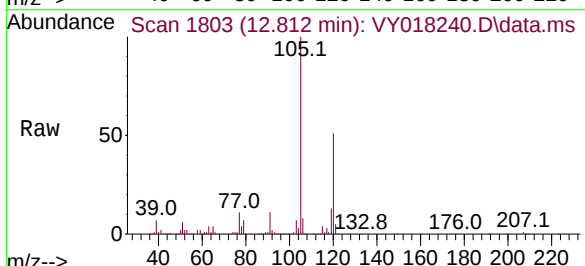
Acq: 13 May 2024 13:49

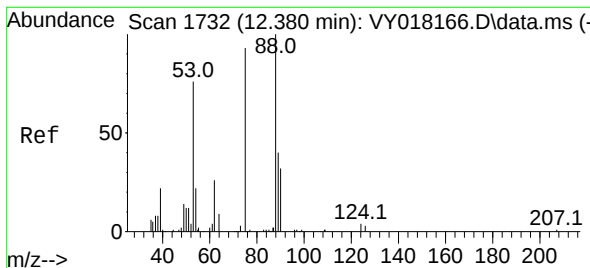
Tgt Ion:105 Resp: 151707

Ion Ratio Lower Upper

105 100

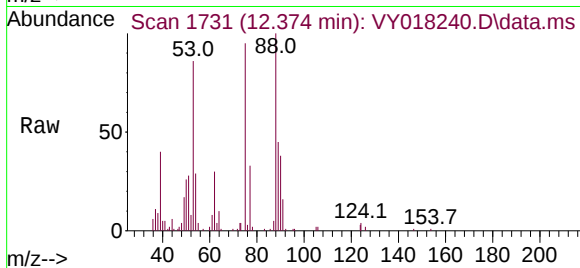
120 51.0 25.1 75.2



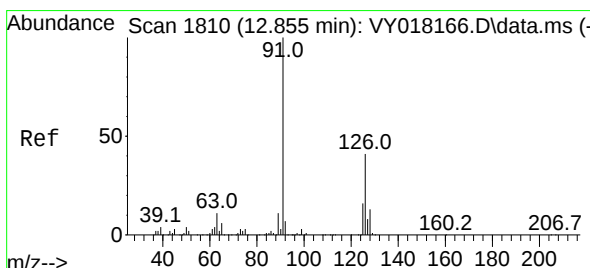
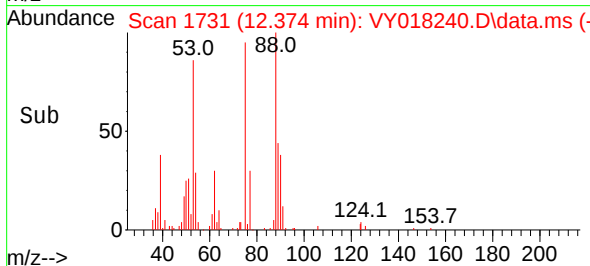
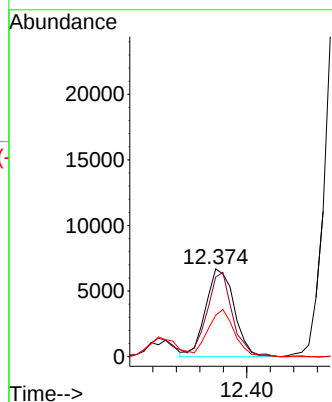


#81
trans-1,4-Dichloro-2-butene
Concen: 20.287 ug/l
RT: 12.374 min Scan# 1732
Delta R.T. -0.006 min
Lab File: VY018240.D
Acq: 13 May 2024 13:49

Instrument :
MSVOA_Y
ClientSampleId :

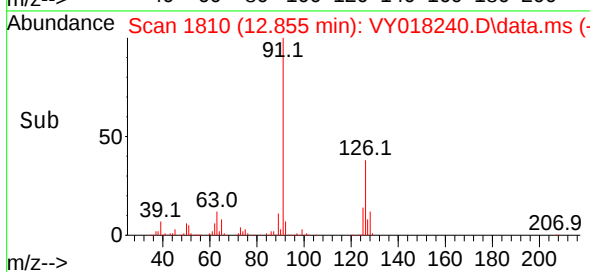
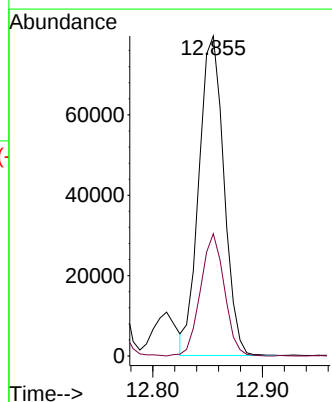
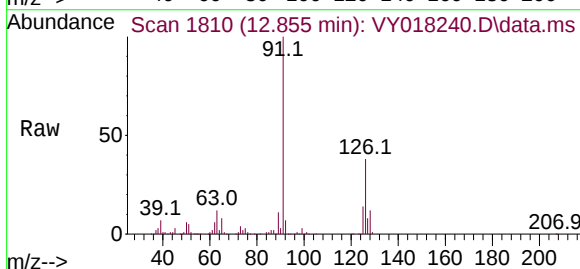


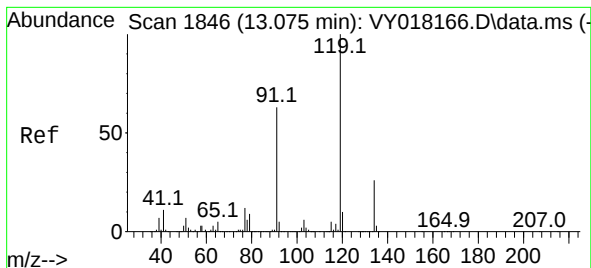
Tgt Ion: 75 Resp: 11332
Ion Ratio Lower Upper
75 100
53 85.2 66.8 100.2
89 48.8 35.8 53.6



#82
4-Chlorotoluene
Concen: 19.202 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY018240.D
Acq: 13 May 2024 13:49

Tgt Ion: 91 Resp: 125676
Ion Ratio Lower Upper
91 100
126 36.5 17.6 52.9





#83

tert-Butylbenzene

Concen: 19.122 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.000 min

Lab File: VY018240.D

Acq: 13 May 2024 13:49

Instrument :

MSVOA_Y

ClientSampleId :

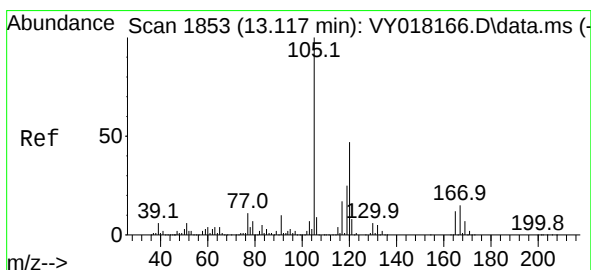
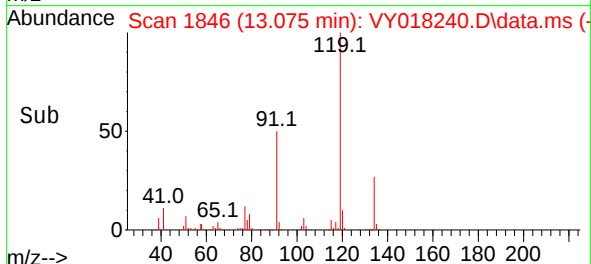
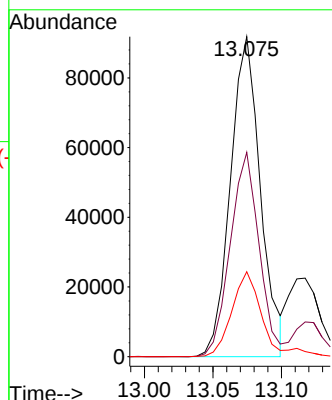
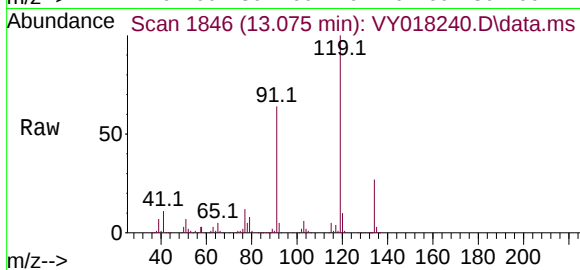
Tgt Ion:119 Resp: 140204

Ion Ratio Lower Upper

119 100

91 61.3 31.3 93.8

134 27.0 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 19.146 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY018240.D

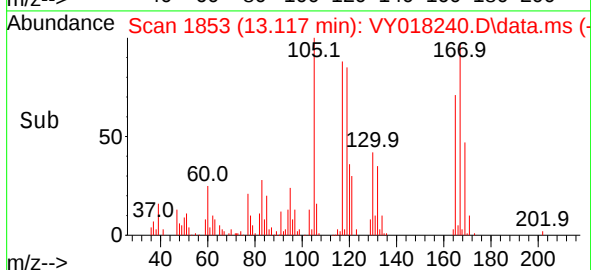
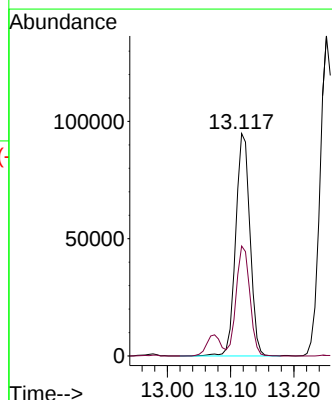
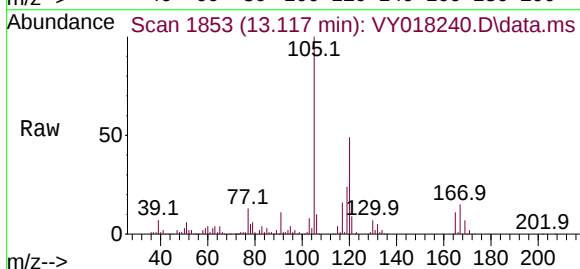
Acq: 13 May 2024 13:49

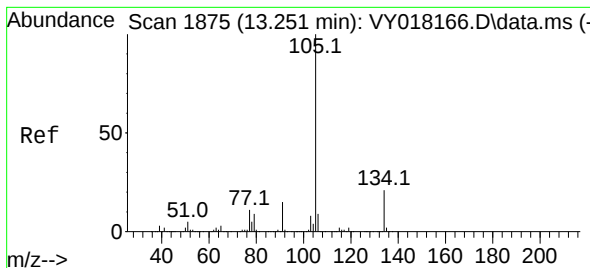
Tgt Ion:105 Resp: 149078

Ion Ratio Lower Upper

105 100

120 47.3 23.2 69.6





#85

sec-Butylbenzene

Concen: 19.059 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY018240.D

Acq: 13 May 2024 13:49

Instrument :

MSVOA_Y

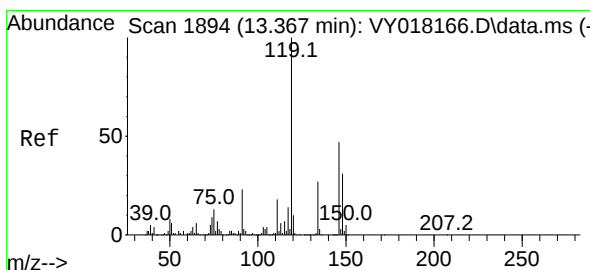
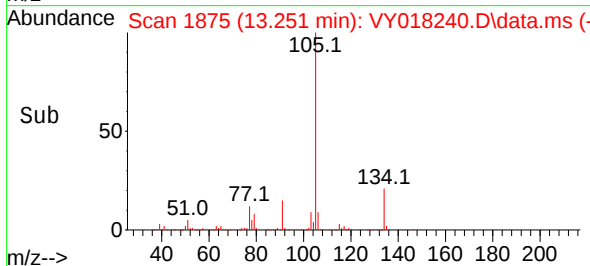
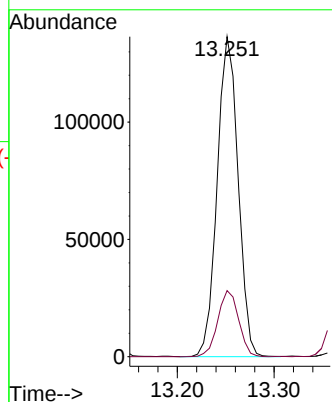
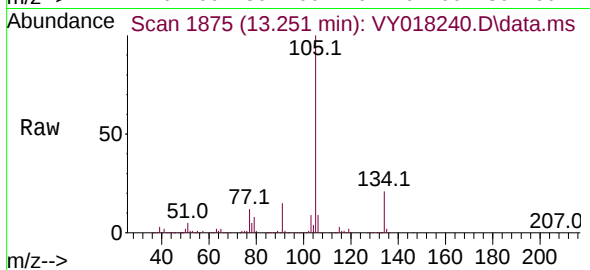
ClientSampleId :

Tgt Ion:105 Resp: 204971

Ion Ratio Lower Upper

105 100

134 20.6 10.1 30.1



#86

p-Isopropyltoluene

Concen: 19.160 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY018240.D

Acq: 13 May 2024 13:49

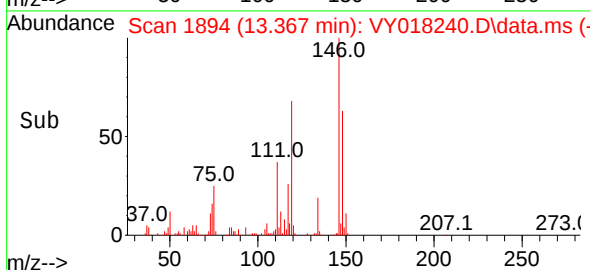
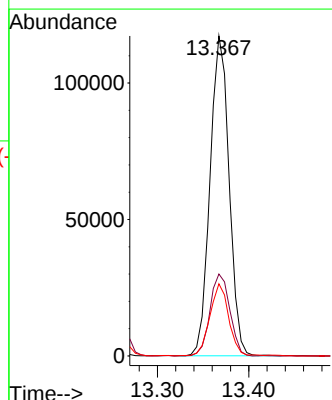
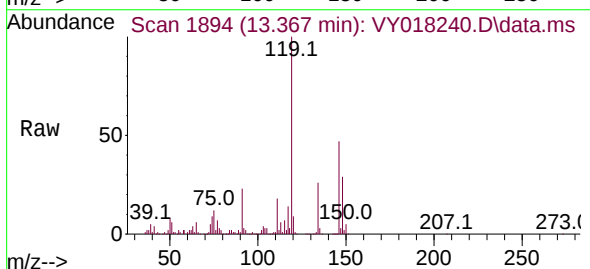
Tgt Ion:119 Resp: 169522

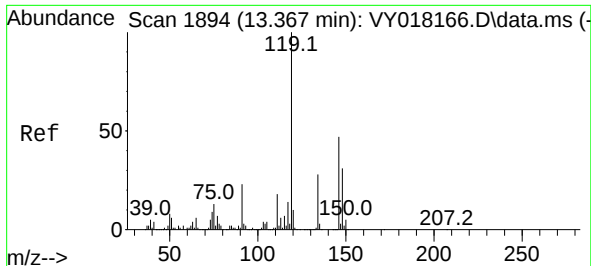
Ion Ratio Lower Upper

119 100

134 26.7 13.1 39.3

91 22.2 10.7 32.1

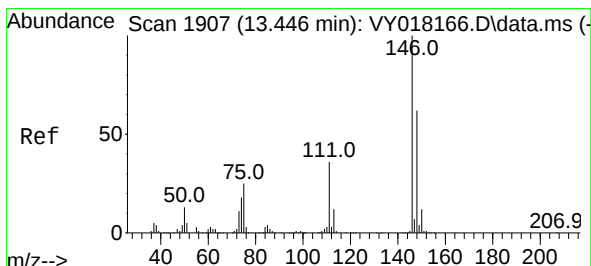
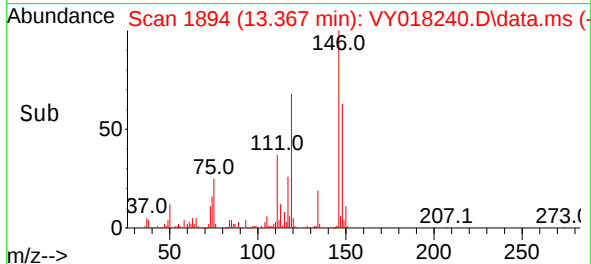
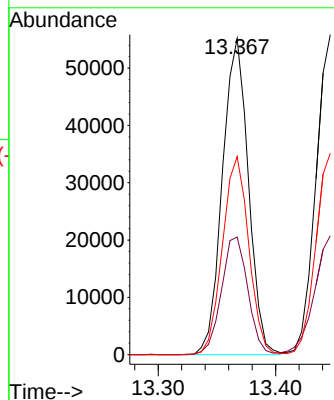
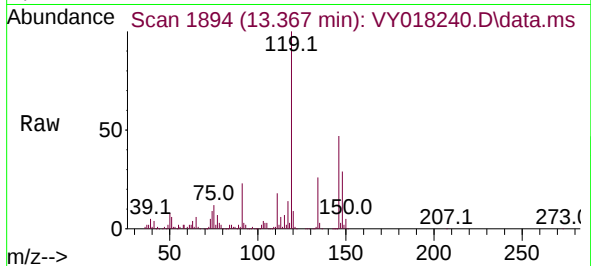




#87
1,3-Dichlorobenzene
Concen: 18.924 ug/l
RT: 13.367 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018240.D
Acq: 13 May 2024 13:49

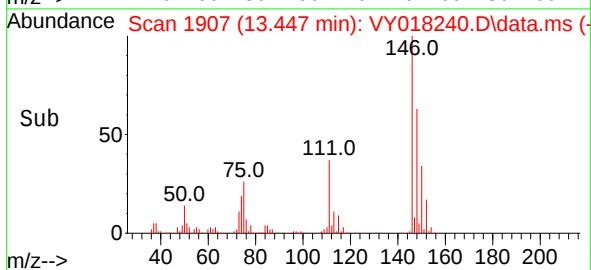
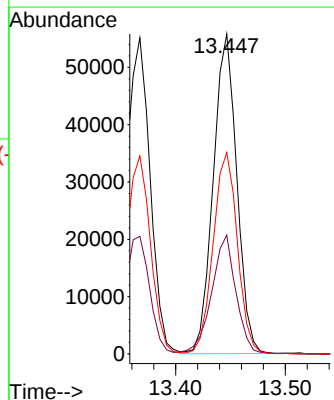
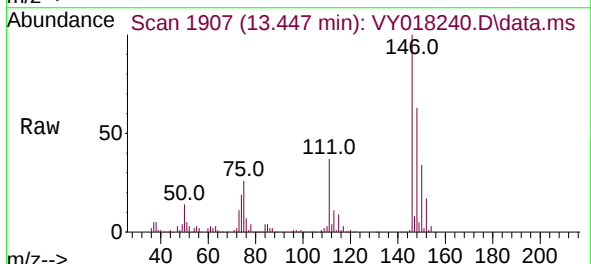
Instrument :
MSVOA_Y
ClientSampleId :

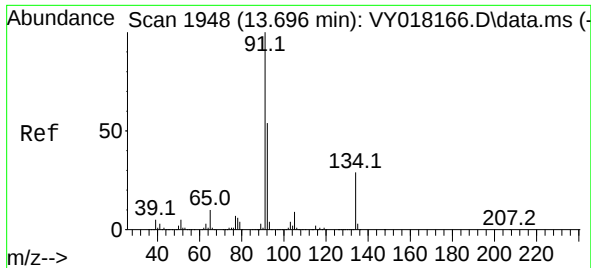
Tgt Ion:146 Resp: 84638
Ion Ratio Lower Upper
146 100
111 37.9 19.0 57.0
148 63.5 31.7 95.1



#88
1,4-Dichlorobenzene
Concen: 19.095 ug/l
RT: 13.447 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY018240.D
Acq: 13 May 2024 13:49

Tgt Ion:146 Resp: 83254
Ion Ratio Lower Upper
146 100
111 38.6 18.4 55.4
148 64.9 32.4 97.2





#89

n-Butylbenzene

Concen: 19.166 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY018240.D

Acq: 13 May 2024 13:49

Instrument :

MSVOA_Y

ClientSampleId :

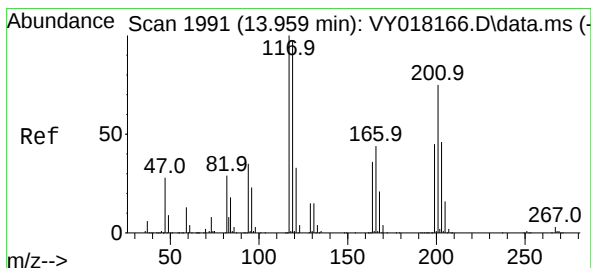
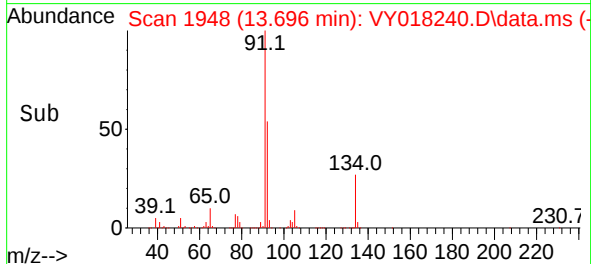
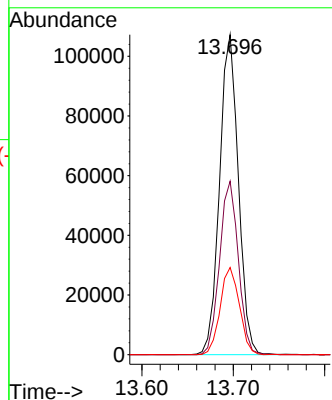
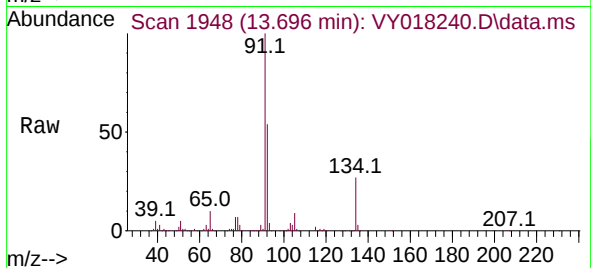
Tgt Ion: 91 Resp: 153461

Ion Ratio Lower Upper

91 100

92 54.1 26.6 79.7

134 27.9 12.9 38.7



#90

Hexachloroethane

Concen: 18.299 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VY018240.D

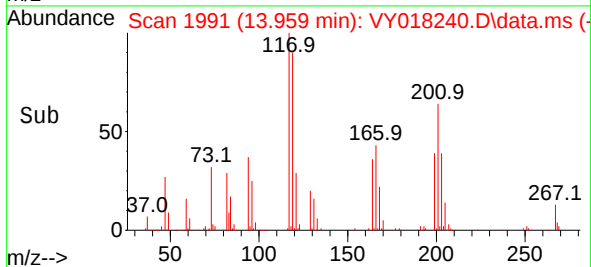
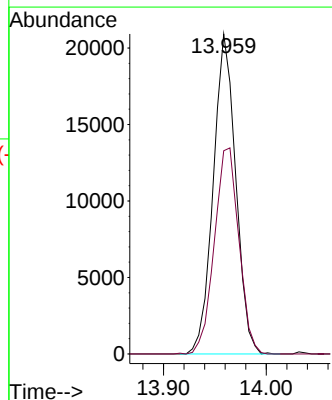
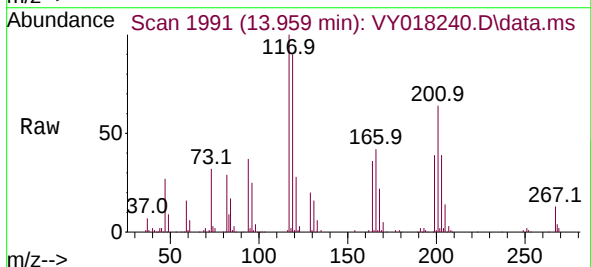
Acq: 13 May 2024 13:49

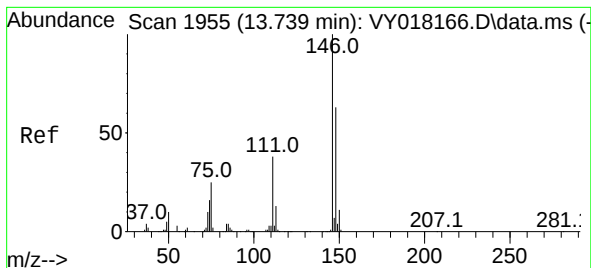
Tgt Ion: 117 Resp: 31762

Ion Ratio Lower Upper

117 100

201 70.4 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 19.506 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY018240.D

Acq: 13 May 2024 13:49

Instrument :

MSVOA_Y

ClientSampleId :

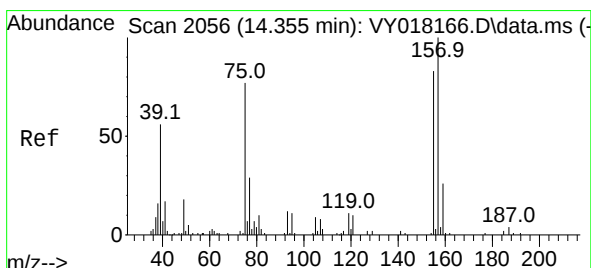
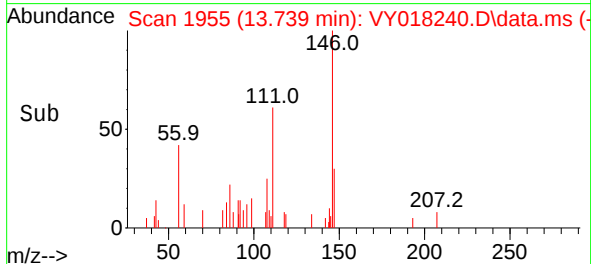
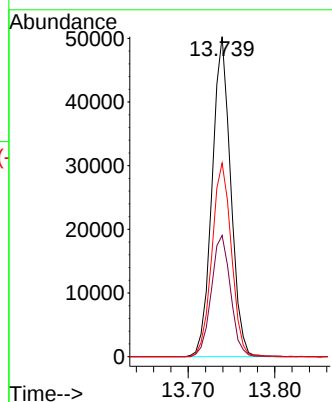
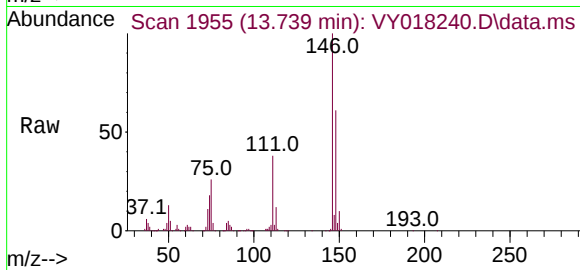
Tgt Ion:146 Resp: 74983

Ion Ratio Lower Upper

146 100

111 39.2 19.9 59.7

148 63.2 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.958 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VY018240.D

Acq: 13 May 2024 13:49

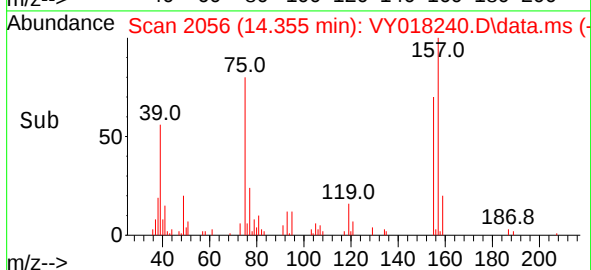
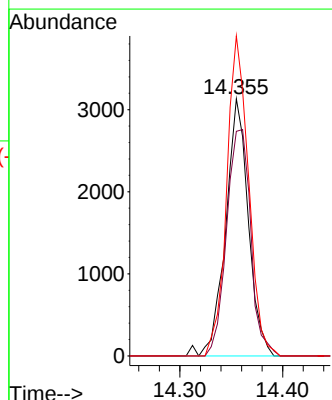
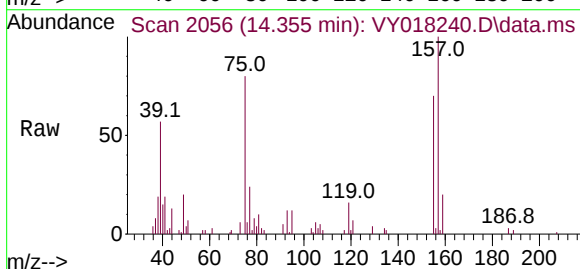
Tgt Ion: 75 Resp: 4808

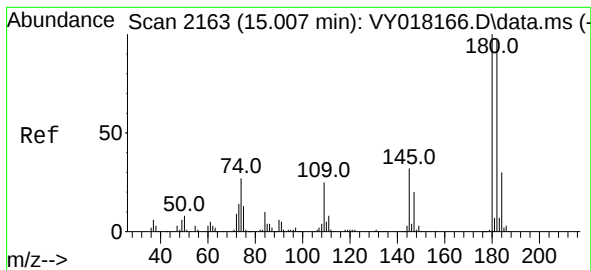
Ion Ratio Lower Upper

75 100

155 93.5 48.6 145.8

157 119.6 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 19.274 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY018240.D

Acq: 13 May 2024 13:49

Instrument :

MSVOA_Y

ClientSampleId :

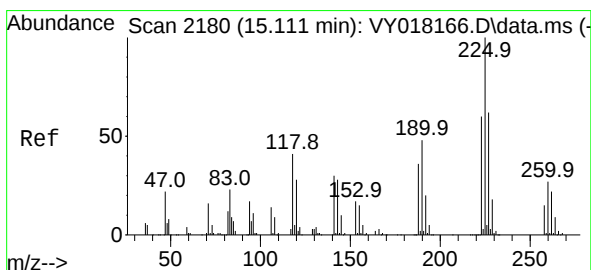
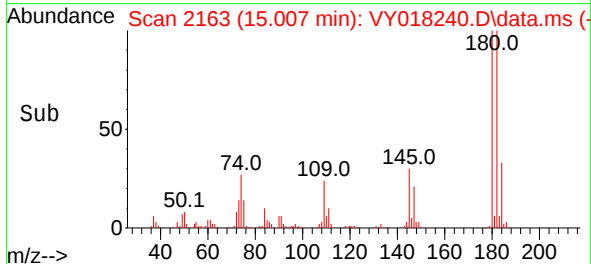
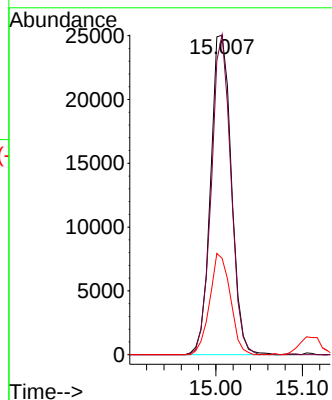
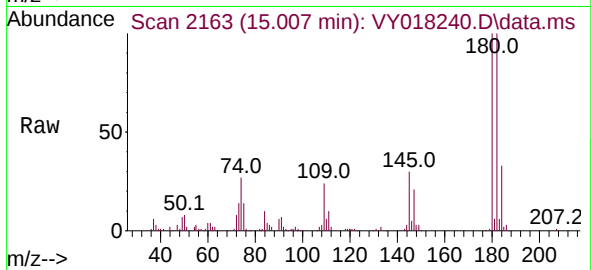
Tgt Ion:180 Resp: 41652

Ion Ratio Lower Upper

180 100

182 94.4 47.9 143.8

145 31.4 14.2 42.6



#94

Hexachlorobutadiene

Concen: 18.907 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY018240.D

Acq: 13 May 2024 13:49

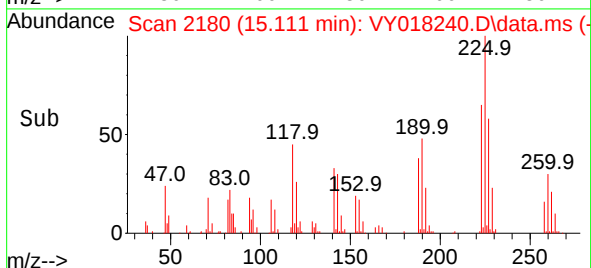
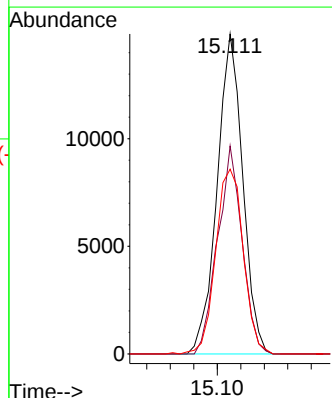
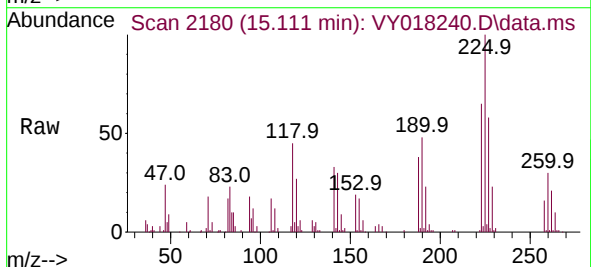
Tgt Ion:225 Resp: 22544

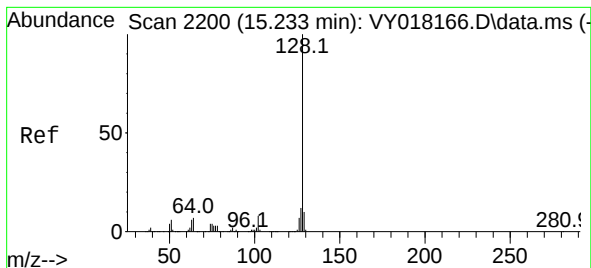
Ion Ratio Lower Upper

225 100

223 62.0 30.4 91.2

227 62.2 31.9 95.9





#95

Naphthalene

Concen: 20.484 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. 0.000 min

Lab File: VY018240.D

Acq: 13 May 2024 13:49

Instrument :

MSVOA_Y

ClientSampleId :

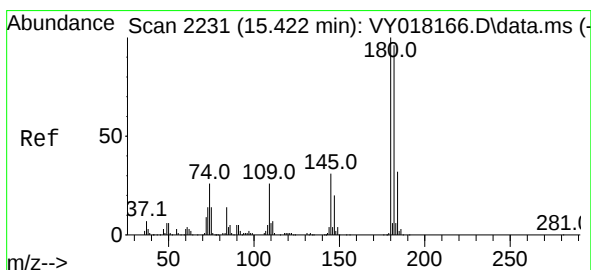
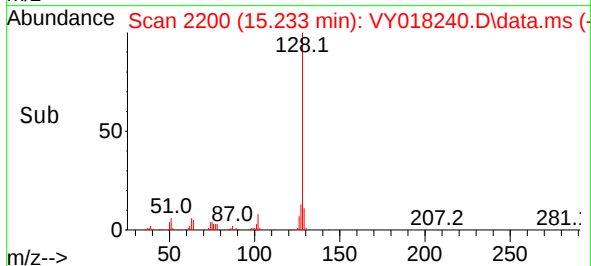
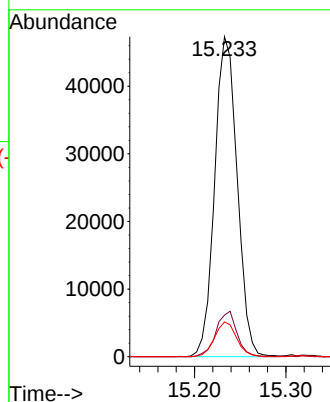
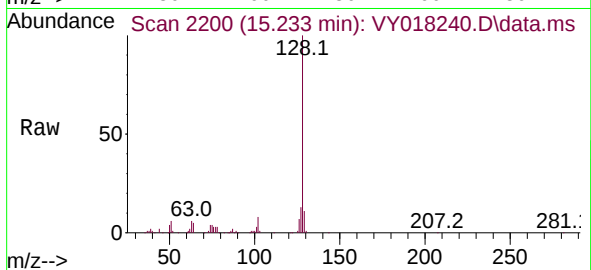
Tgt Ion:128 Resp: 81118

Ion Ratio Lower Upper

128 100

127 13.2 10.6 16.0

129 10.6 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 19.454 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY018240.D

Acq: 13 May 2024 13:49

Tgt Ion:180 Resp: 34502

Ion Ratio Lower Upper

180 100

182 97.1 47.6 142.9

145 34.0 15.4 46.1

