

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111224\
 Data File : VY020262.D
 Acq On : 12 Nov 2024 11:36
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 13 00:31:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103024S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 15:23:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	224684	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.622	114	405544	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	358730	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	172869	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	153141	54.611	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.220%	
35) Dibromofluoromethane	7.640	113	138267	53.625	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.240%	
50) Toluene-d8	10.109	98	530993	51.737	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 103.480%	
62) 4-Bromofluorobenzene	12.408	95	183832	55.144	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 110.280%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	88082	42.350	ug/l	99
3) Chloromethane	2.074	50	167142	48.516	ug/l	99
4) Vinyl Chloride	2.208	62	187694	50.750	ug/l	99
5) Bromomethane	2.604	94	124194	50.579	ug/l	99
6) Chloroethane	2.745	64	125677	52.654	ug/l	99
7) Trichlorofluoromethane	3.068	101	230856	51.096	ug/l	96
8) Diethyl Ether	3.464	74	71330	56.605	ug/l	81
9) 1,1,2-Trichlorotrifluo...	3.824	101	128163	50.575	ug/l	91
10) Methyl Iodide	4.013	142	132288	54.070	ug/l	90
11) Tert butyl alcohol	4.872	59	48594	240.913	ug/l	# 80
12) 1,1-Dichloroethene	3.799	96	125647	51.821	ug/l	# 79
13) Acrolein	3.659	56	41706	166.097	ug/l	97
14) Allyl chloride	4.397	41	228020	52.125	ug/l	# 89
15) Acrylonitrile	5.074	53	167450	291.923	ug/l	96
16) Acetone	3.879	43	209998	322.018	ug/l	# 83
17) Carbon Disulfide	4.116	76	385723	47.804	ug/l	97
18) Methyl Acetate	4.391	43	89943	58.783	ug/l	# 88
19) Methyl tert-butyl Ether	5.128	73	355013	58.200	ug/l	100
20) Methylene Chloride	4.628	84	140936	48.109	ug/l	# 81
21) trans-1,2-Dichloroethene	5.122	96	143179	52.361	ug/l	# 84
22) Diisopropyl ether	6.031	45	507219	55.874	ug/l	# 92
23) Vinyl Acetate	5.970	43	1480151	289.729	ug/l	# 91
24) 1,1-Dichloroethane	5.927	63	285805	54.372	ug/l	96
25) 2-Butanone	6.902	43	268919	304.210	ug/l	# 85
26) 2,2-Dichloropropane	6.896	77	241523	55.224	ug/l	95
27) cis-1,2-Dichloroethene	6.902	96	172251	54.799	ug/l	82
28) Bromochloromethane	7.250	49	131141	53.281	ug/l	# 72
29) Tetrahydrofuran	7.268	42	153223	300.346	ug/l	# 83
30) Chloroform	7.427	83	288986	55.403	ug/l	97
31) Cyclohexane	7.707	56	237318	46.635	ug/l	91
32) 1,1,1-Trichloroethane	7.628	97	247195	54.281	ug/l	93
36) 1,1-Dichloropropene	7.841	75	205992	51.717	ug/l	95
37) Ethyl Acetate	6.994	43	107651	56.688	ug/l	96
38) Carbon Tetrachloride	7.823	117	216723	54.109	ug/l	99
39) Methylcyclohexane	9.115	83	248976	49.251	ug/l	91
40) Benzene	8.085	78	621785	53.482	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	61707	64.867	ug/l #	81
42) 1,2-Dichloroethane	8.164	62	179720	55.847	ug/l	94
43) Isopropyl Acetate	8.207	43	209047	57.246	ug/l #	90
44) Trichloroethene	8.872	130	141624	52.560	ug/l	94
45) 1,2-Dichloropropane	9.146	63	152271	54.743	ug/l	95
46) Dibromomethane	9.237	93	85205	56.533	ug/l #	87
47) Bromodichloromethane	9.426	83	223964	56.723	ug/l	99
48) Methyl methacrylate	9.225	41	99389	58.759	ug/l #	81
49) 1,4-Dioxane	9.231	88	18450	1189.020	ug/l #	94
51) 4-Methyl-2-Pentanone	9.999	43	573997	305.055	ug/l	90
52) Toluene	10.176	92	393421	54.897	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	200973	57.642	ug/l	98
54) cis-1,3-Dichloropropene	9.859	75	234312	56.304	ug/l #	85
55) 1,1,2-Trichloroethane	10.573	97	107397	57.311	ug/l	94
56) Ethyl methacrylate	10.444	69	162444	60.431	ug/l #	75
57) 1,3-Dichloropropane	10.719	76	195314	56.915	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	346786	261.592	ug/l	93
59) 2-Hexanone	10.762	43	421290	312.303	ug/l	87
60) Dibromochloromethane	10.914	129	139435	58.372	ug/l	99
61) 1,2-Dibromoethane	11.018	107	98047	56.316	ug/l	100
64) Tetrachloroethene	10.652	164	125649	53.048	ug/l	93
65) Chlorobenzene	11.444	112	414112	54.177	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.524	131	139138	56.975	ug/l	99
67) Ethyl Benzene	11.524	91	770392	53.917	ug/l	99
68) m/p-Xylenes	11.633	106	565331	108.142	ug/l	89
69) o-Xylene	11.956	106	275219	55.607	ug/l	94
70) Styrene	11.975	104	465532	56.887	ug/l	96
71) Bromoform	12.133	173	74633	59.571	ug/l #	98
73) Isopropylbenzene	12.261	105	728314	52.739	ug/l	99
74) N-amyl acetate	12.072	43	194966	56.479	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.511	83	131906	54.616	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	173738	107.215	ug/l #	100
77) Bromobenzene	12.536	156	152211	54.500	ug/l	84
78) n-propylbenzene	12.597	91	908328	52.850	ug/l	97
79) 2-Chlorotoluene	12.682	91	506604	53.102	ug/l	94
80) 1,3,5-Trimethylbenzene	12.743	105	590844	53.293	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.304	75	42353	56.218	ug/l #	85
82) 4-Chlorotoluene	12.779	91	518258	53.279	ug/l	95
83) tert-Butylbenzene	12.999	119	539460	55.645	ug/l	96
84) 1,2,4-Trimethylbenzene	13.048	105	591417	53.857	ug/l	96
85) sec-Butylbenzene	13.182	105	792561	53.253	ug/l	97
86) p-Isopropyltoluene	13.298	119	640904	53.663	ug/l	96
87) 1,3-Dichlorobenzene	13.292	146	305829	53.903	ug/l	97
88) 1,4-Dichlorobenzene	13.371	146	303635	53.739	ug/l	96
89) n-Butylbenzene	13.621	91	636507	53.166	ug/l	98
90) Hexachloroethane	13.883	117	126488	53.553	ug/l	85
91) 1,2-Dichlorobenzene	13.663	146	268234	54.390	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.279	75	20476	55.904	ug/l	73
93) 1,2,4-Trichlorobenzene	14.925	180	139612	52.698	ug/l	97
94) Hexachlorobutadiene	15.029	225	71976	49.684	ug/l	99
95) Naphthalene	15.151	128	278431	56.223	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	116474	51.792	ug/l	97

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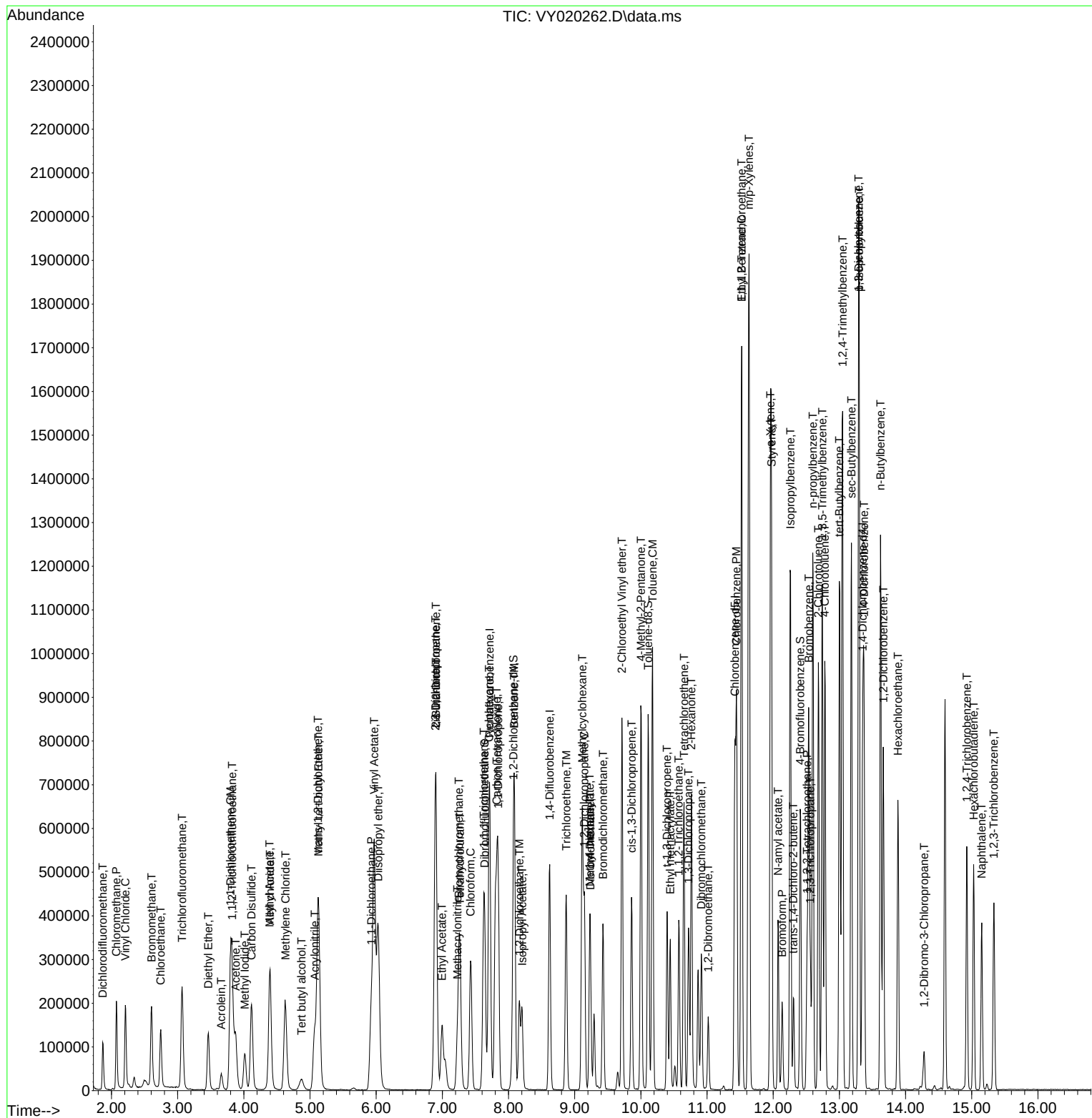
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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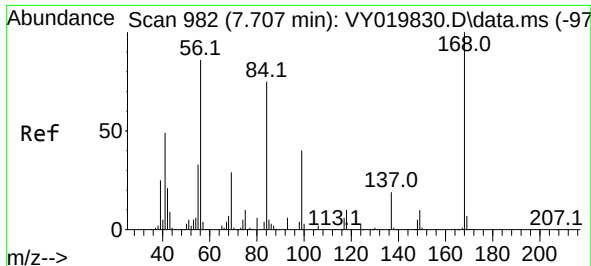
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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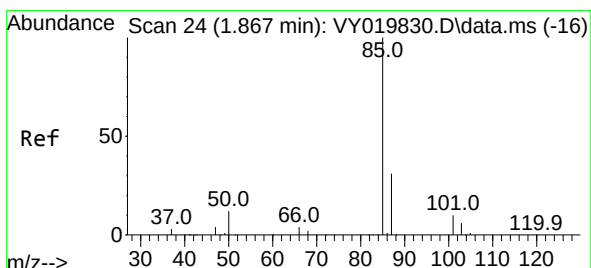
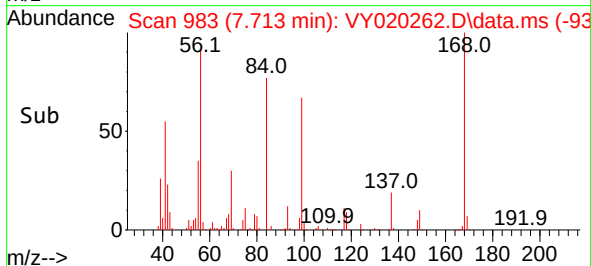
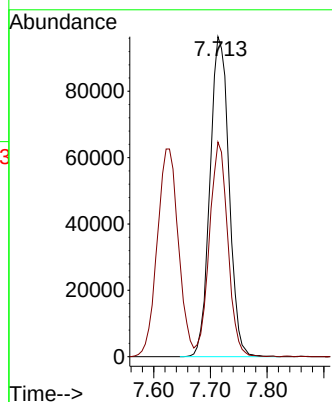
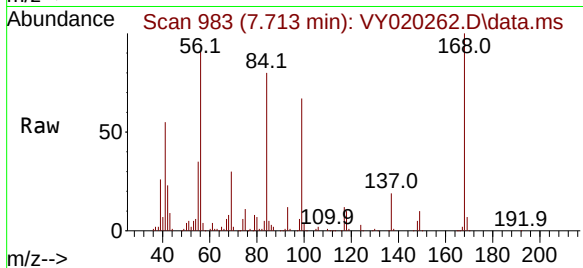




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020262.D
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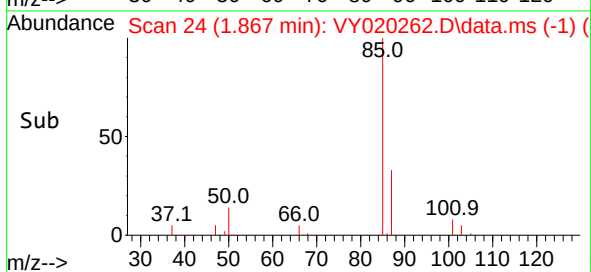
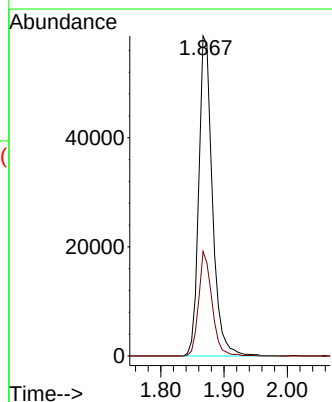
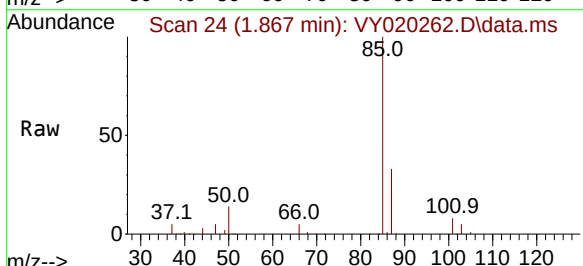
Instrument :
MSVOA_Y
ClientSampleId :

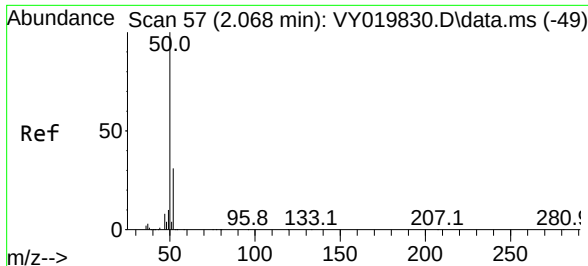
Tgt Ion:168 Resp: 224684
Ion Ratio Lower Upper
168 100
99 67.1 39.1 58.7#



#2
Dichlorodifluoromethane
Concen: 42.350 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.001 min
Lab File: VY020262.D
Acq: 12 Nov 2024 11:36

Tgt Ion: 85 Resp: 88082
Ion Ratio Lower Upper
85 100
87 32.7 16.0 48.0

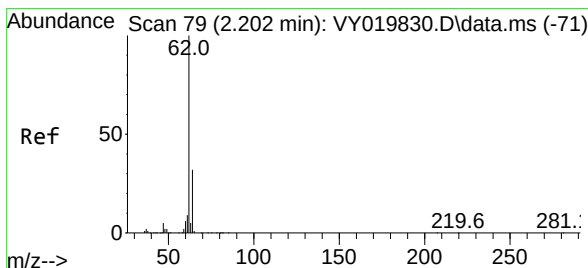
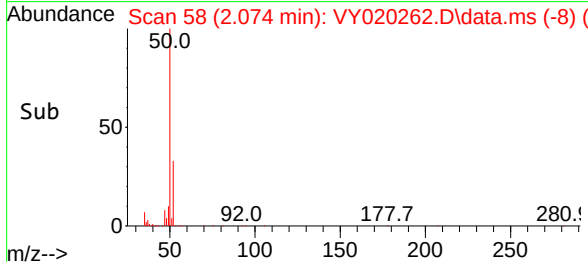
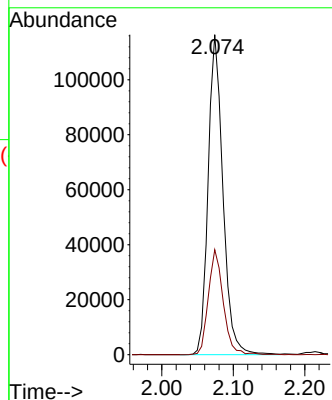
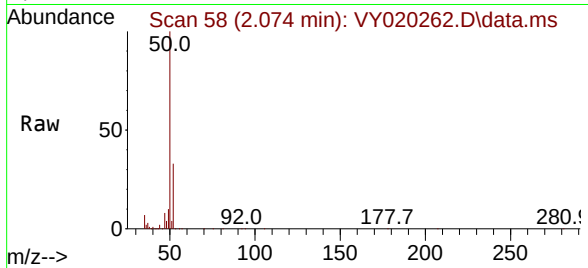




#3
Chloromethane
Concen: 48.516 ug/l
RT: 2.074 min Scan# 50
Delta R.T. 0.006 min
Lab File: VY020262.D
Acq: 12 Nov 2024 11:36

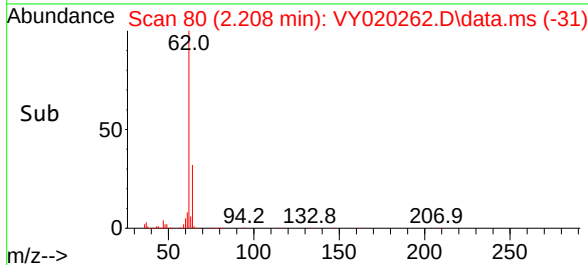
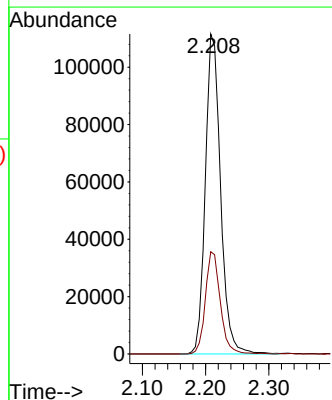
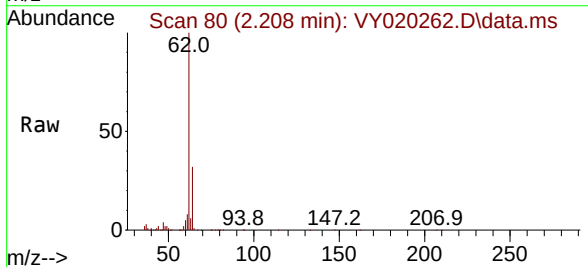
Instrument :
MSVOA_Y
ClientSampleId :

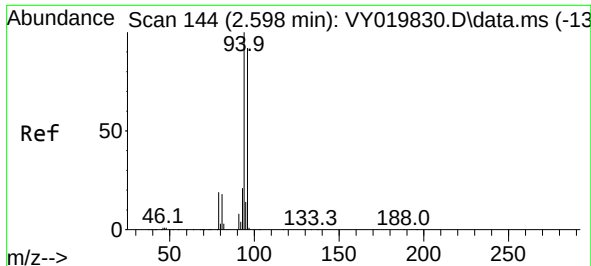
Tgt Ion: 50 Resp: 167142
Ion Ratio Lower Upper
50 100
52 32.8 25.6 38.4



#4
Vinyl Chloride
Concen: 50.750 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.000 min
Lab File: VY020262.D
Acq: 12 Nov 2024 11:36

Tgt Ion: 62 Resp: 187694
Ion Ratio Lower Upper
62 100
64 31.9 26.1 39.1

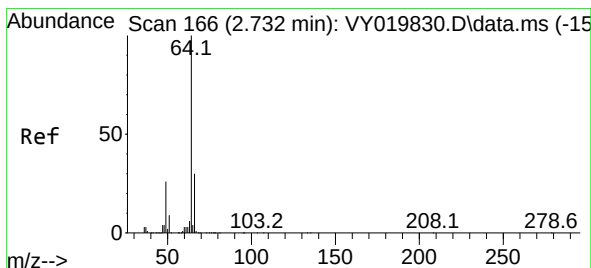
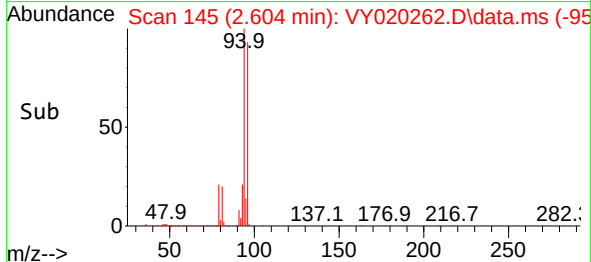
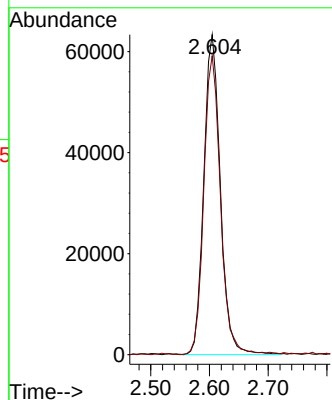
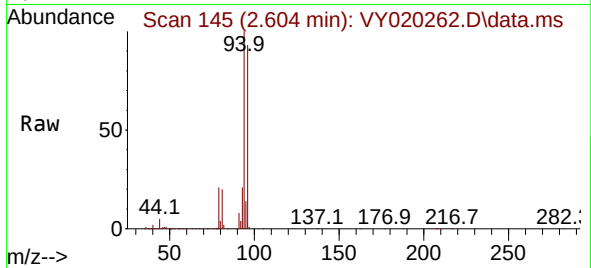




#5
Bromomethane
Concen: 50.579 ug/l
RT: 2.604 min Scan# 144
Delta R.T. 0.006 min
Lab File: VY020262.D
Acq: 12 Nov 2024 11:36

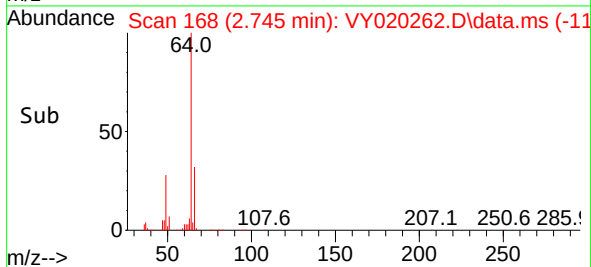
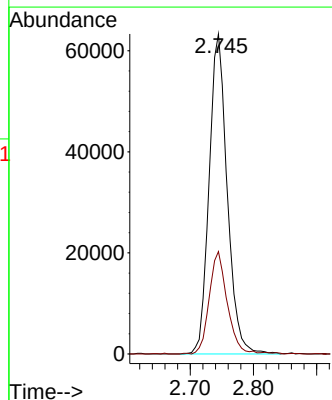
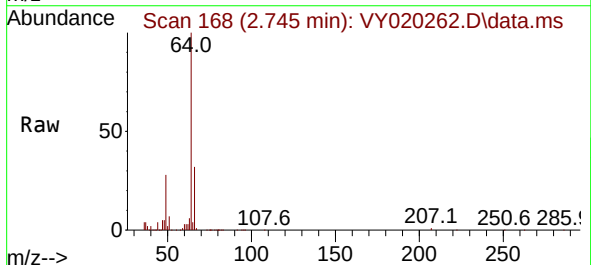
Instrument :
MSVOA_Y
ClientSampleId :

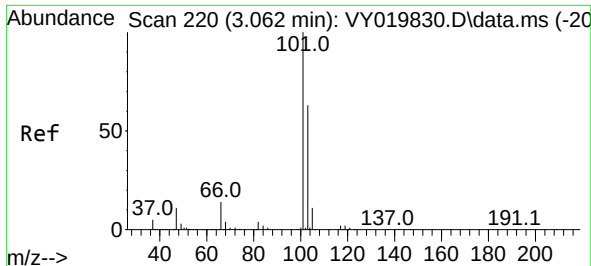
Tgt Ion: 94 Resp: 124194
Ion Ratio Lower Upper
94 100
96 93.3 74.1 111.1



#6
Chloroethane
Concen: 52.654 ug/l
RT: 2.745 min Scan# 168
Delta R.T. 0.006 min
Lab File: VY020262.D
Acq: 12 Nov 2024 11:36

Tgt Ion: 64 Resp: 125677
Ion Ratio Lower Upper
64 100
66 32.0 26.1 39.1

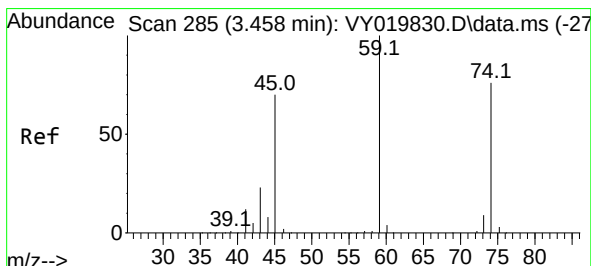
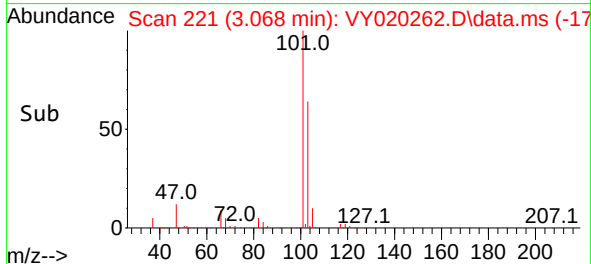
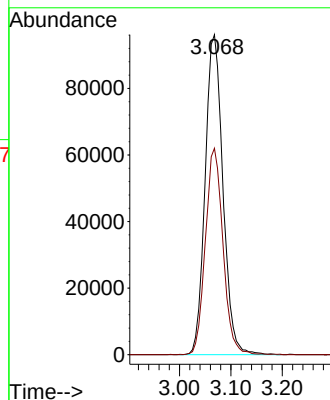
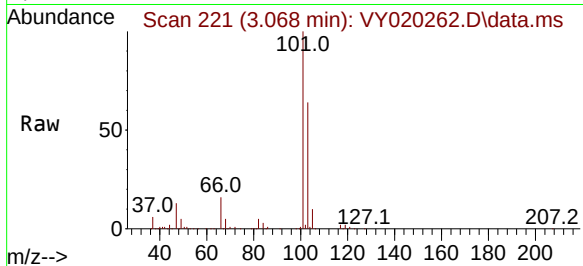




#7
 Trichlorofluoromethane
 Concen: 51.096 ug/l
 RT: 3.068 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VY020262.D
 Acq: 12 Nov 2024 11:36

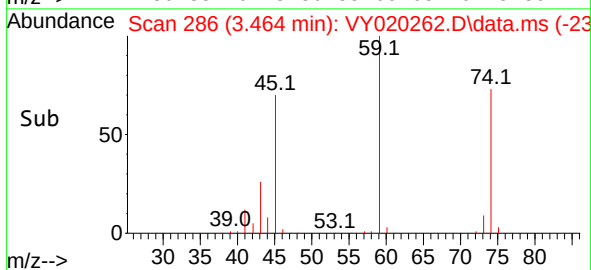
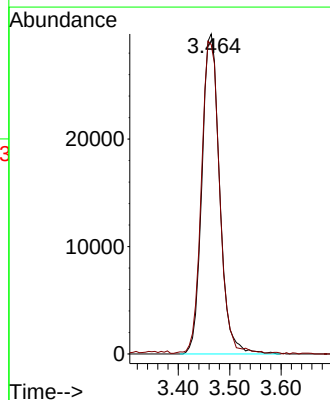
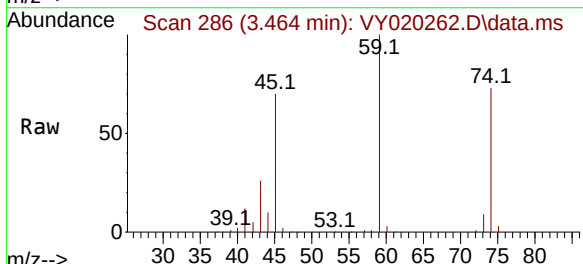
Instrument :
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 ClientSampleId :

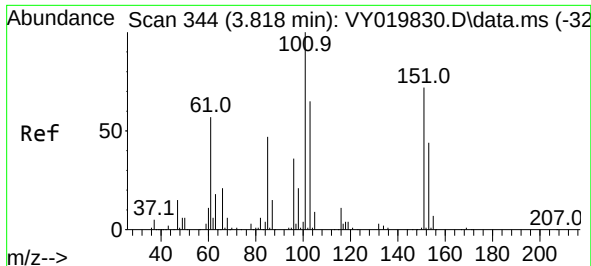
Tgt Ion:101 Resp: 230856
 Ion Ratio Lower Upper
 101 100
 103 64.4 49.3 73.9



#8
 Diethyl Ether
 Concen: 56.605 ug/l
 RT: 3.464 min Scan# 286
 Delta R.T. 0.006 min
 Lab File: VY020262.D
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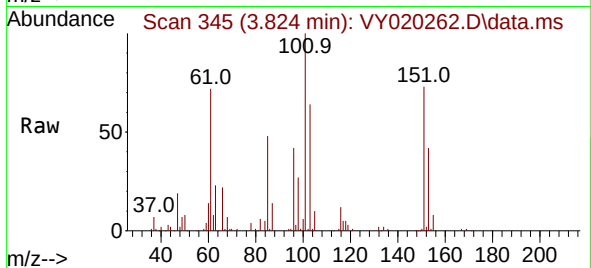
Tgt Ion: 74 Resp: 71330
 Ion Ratio Lower Upper
 74 100
 45 100.0 41.3 124.1



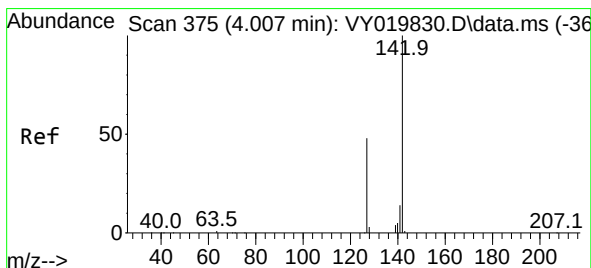
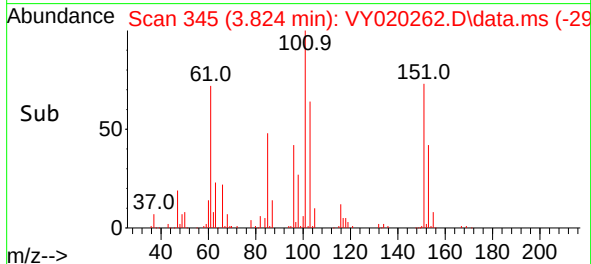
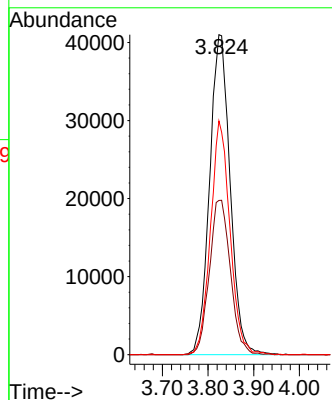


#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.575 ug/l
RT: 3.824 min Scan# 344
Delta R.T. 0.012 min
Lab File: VY020262.D
Acq: 12 Nov 2024 11:36

Instrument :
MSVOA_Y
ClientSampleId :

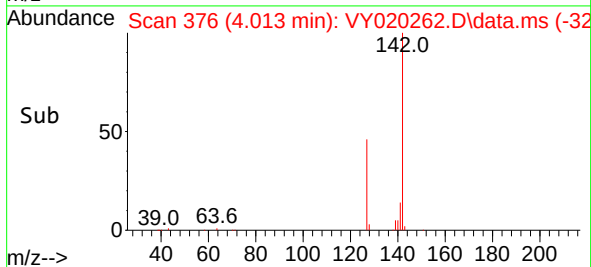
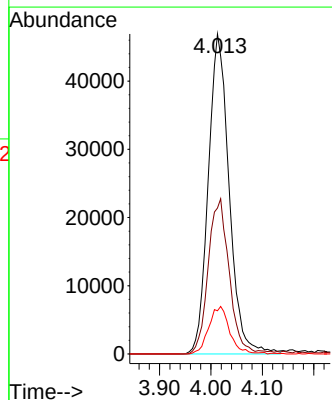
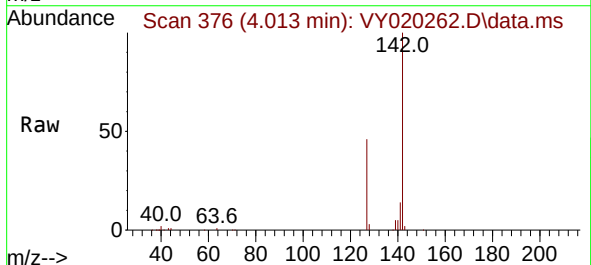


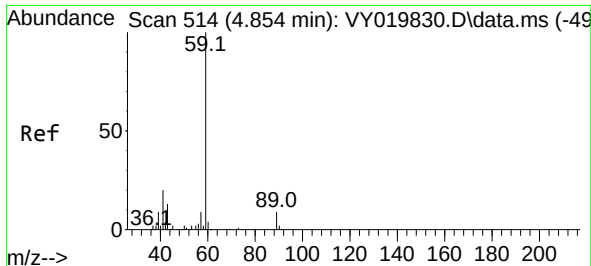
Tgt Ion:101 Resp: 128163
Ion Ratio Lower Upper
101 100
85 49.4 34.5 51.7
151 69.4 61.7 92.5



#10
Methyl Iodide
Concen: 54.070 ug/l
RT: 4.013 min Scan# 376
Delta R.T. 0.006 min
Lab File: VY020262.D
Acq: 12 Nov 2024 11:36

Tgt Ion:142 Resp: 132288
Ion Ratio Lower Upper
142 100
127 49.0 32.8 49.2
141 14.7 11.4 17.2

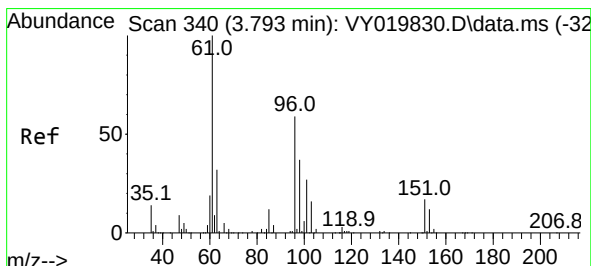
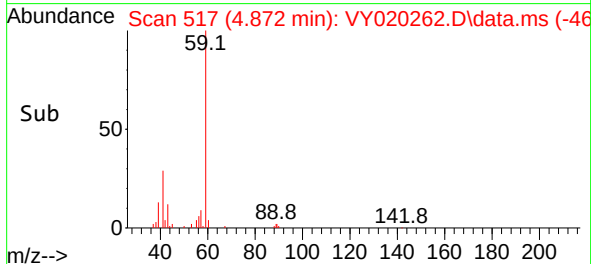
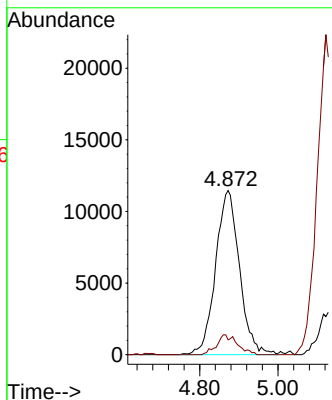
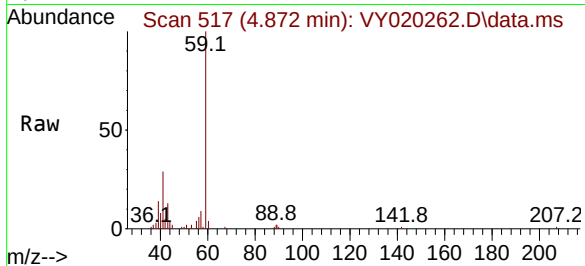




#11
Tert butyl alcohol
Concen: 240.913 ug/l
RT: 4.872 min Scan# 514
Delta R.T. 0.012 min
Lab File: VY020262.D
Acq: 12 Nov 2024 11:36

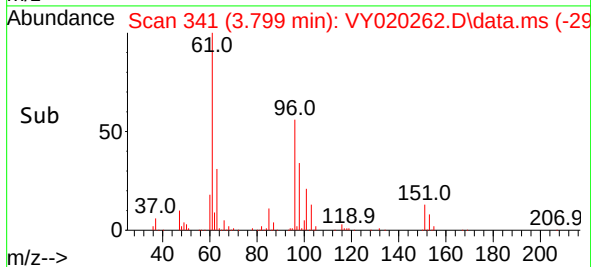
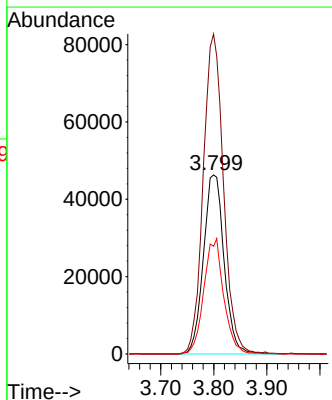
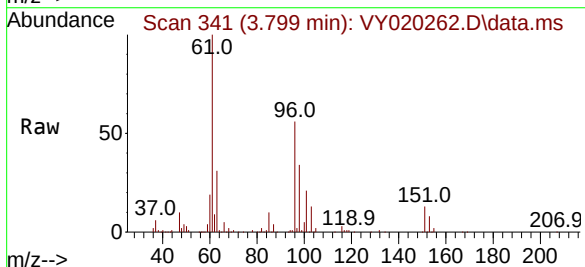
Instrument :
MSVOA_Y
ClientSampleId :

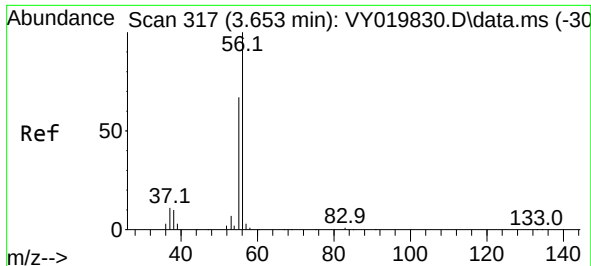
Tgt Ion: 59 Resp: 48594
Ion Ratio Lower Upper
59 100
57 10.5 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 51.821 ug/l
RT: 3.799 min Scan# 341
Delta R.T. 0.012 min
Lab File: VY020262.D
Acq: 12 Nov 2024 11:36

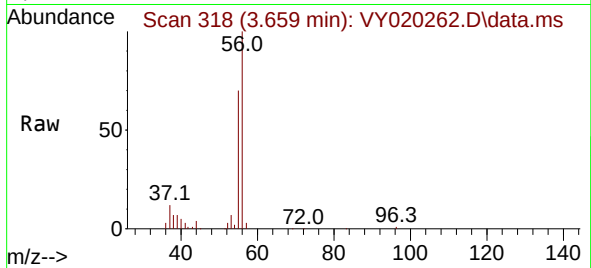
Tgt Ion: 96 Resp: 125647
Ion Ratio Lower Upper
96 100
61 178.8 114.6 171.8#
98 60.2 50.8 76.2



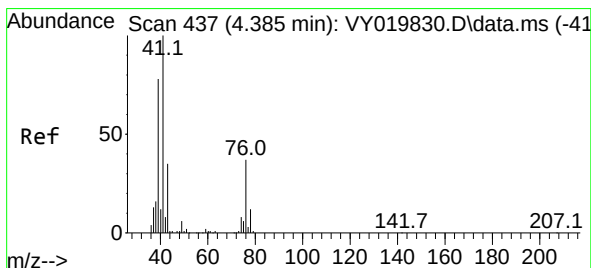
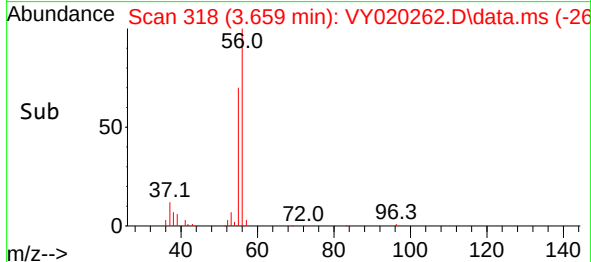
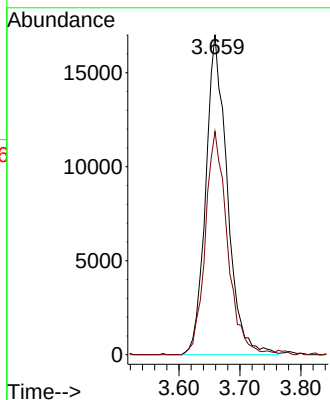


#13
Acrolein
Concen: 166.097 ug/l
RT: 3.659 min Scan# 317
Delta R.T. 0.006 min
Lab File: VY020262.D
Acq: 12 Nov 2024 11:36

Instrument :
MSVOA_Y
ClientSampleId :

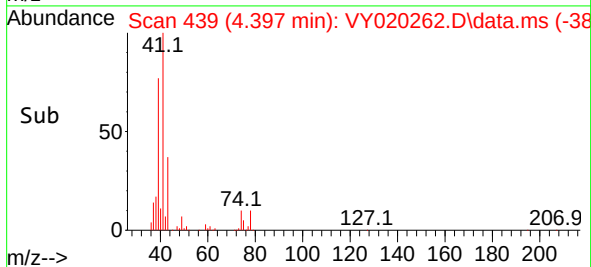
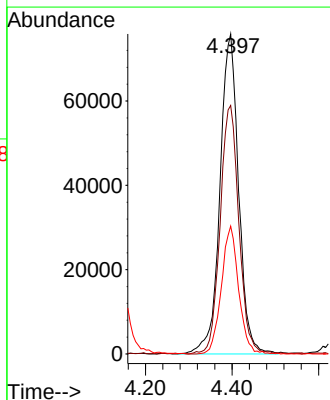
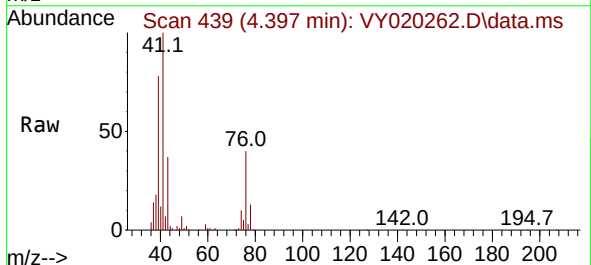


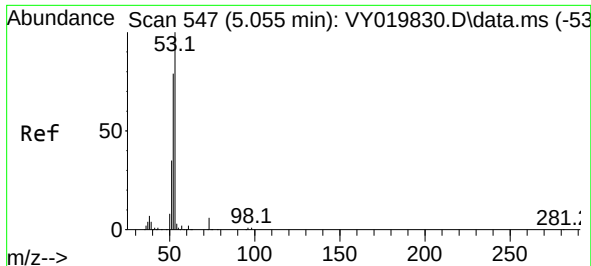
Tgt Ion: 56 Resp: 41706
Ion Ratio Lower Upper
56 100
55 71.9 55.7 83.5



#14
Allyl chloride
Concen: 52.125 ug/l
RT: 4.397 min Scan# 439
Delta R.T. 0.012 min
Lab File: VY020262.D
Acq: 12 Nov 2024 11:36

Tgt Ion: 41 Resp: 228020
Ion Ratio Lower Upper
41 100
39 77.9 58.3 87.5
76 36.9 39.0 58.6#

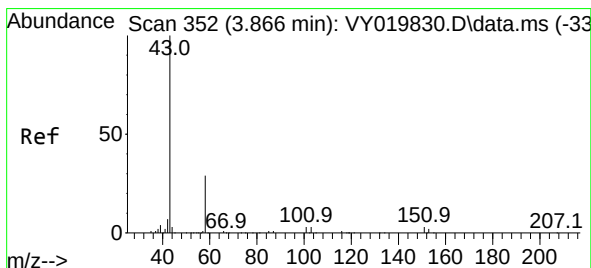
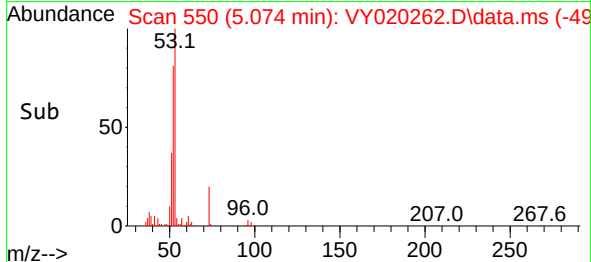
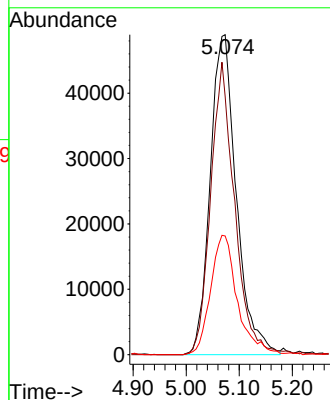
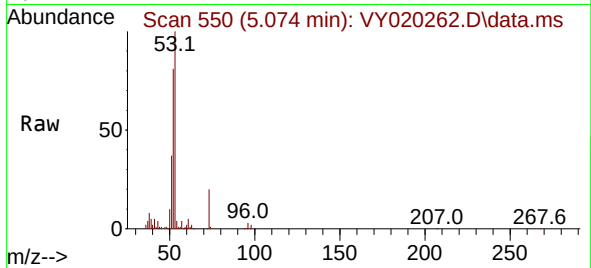




#15
Acrylonitrile
Concen: 291.923 ug/l
RT: 5.074 min Scan# 51
Delta R.T. 0.019 min
Lab File: VY020262.D
Acq: 12 Nov 2024 11:36

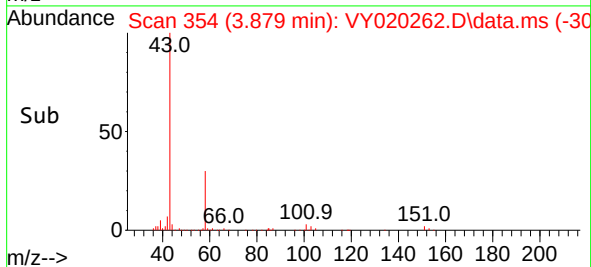
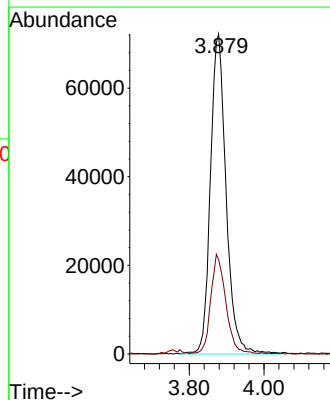
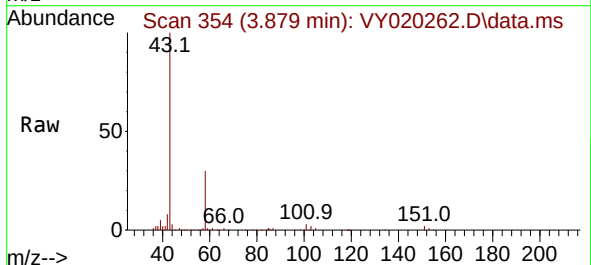
Instrument :
MSVOA_Y
ClientSampleId :

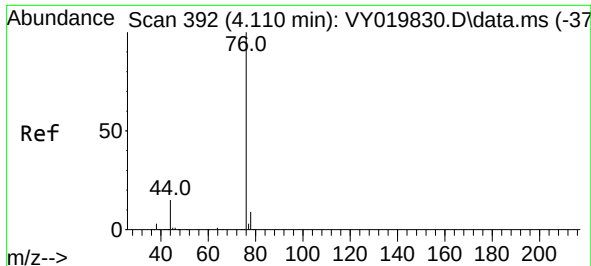
Tgt Ion: 53 Resp: 167450
Ion Ratio Lower Upper
53 100
52 84.1 64.7 97.1
51 38.2 28.4 42.6



#16
Acetone
Concen: 322.018 ug/l
RT: 3.879 min Scan# 354
Delta R.T. 0.006 min
Lab File: VY020262.D
Acq: 12 Nov 2024 11:36

Tgt Ion: 43 Resp: 209998
Ion Ratio Lower Upper
43 100
58 29.4 31.7 47.5#

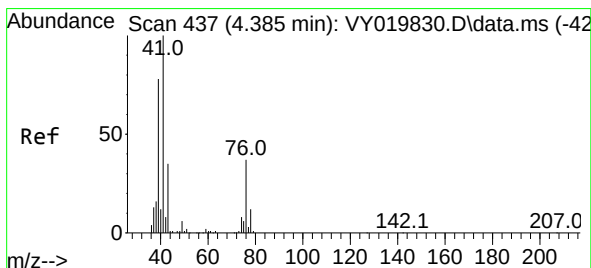
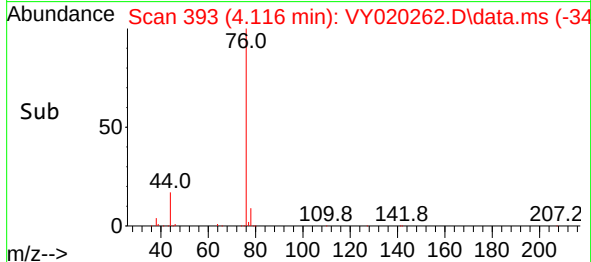
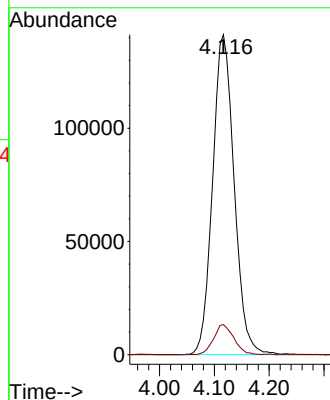
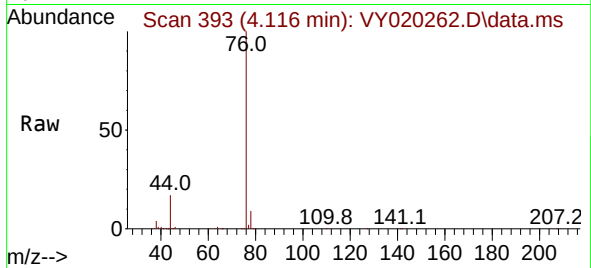




#17
Carbon Disulfide
Concen: 47.804 ug/l
RT: 4.116 min Scan# 392
Delta R.T. 0.012 min
Lab File: VY020262.D
Acq: 12 Nov 2024 11:36

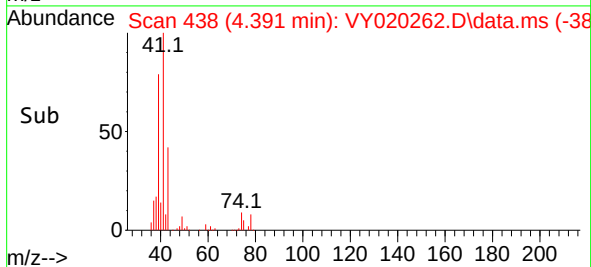
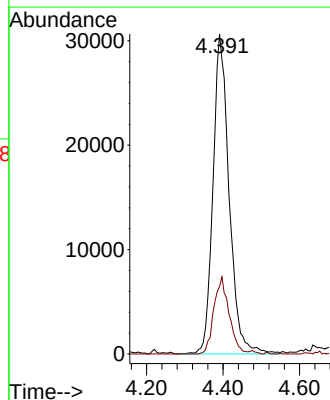
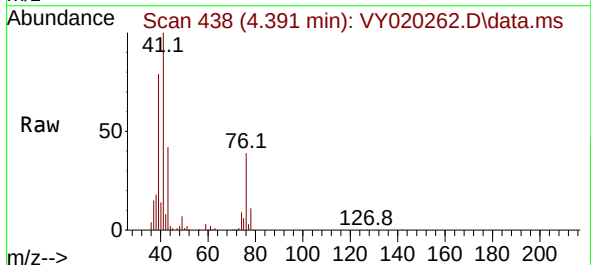
Instrument :
MSVOA_Y
ClientSampleId :

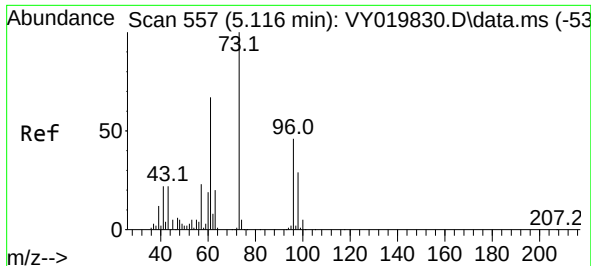
Tgt Ion: 76 Resp: 385723
Ion Ratio Lower Upper
76 100
78 9.4 6.8 10.2



#18
Methyl Acetate
Concen: 58.783 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY020262.D
Acq: 12 Nov 2024 11:36

Tgt Ion: 43 Resp: 89943
Ion Ratio Lower Upper
43 100
74 22.6 23.3 34.9#





#19

Methyl tert-butyl Ether

Concen: 58.200 ug/l

RT: 5.128 min Scan# 51

Delta R.T. 0.012 min

Lab File: VY020262.D

Acq: 12 Nov 2024 11:36

Instrument :

MSVOA_Y

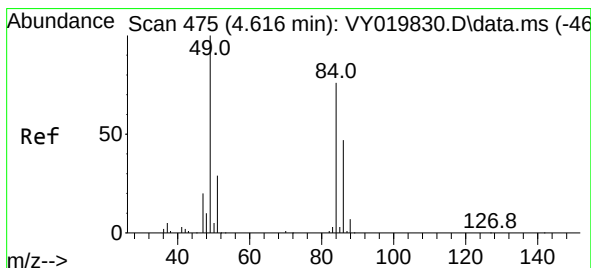
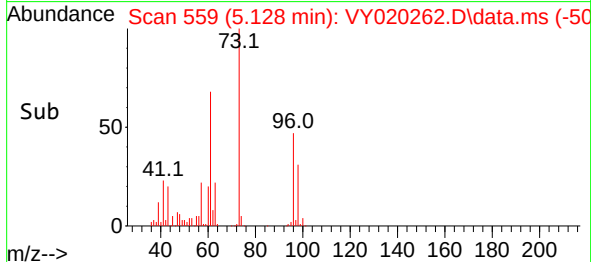
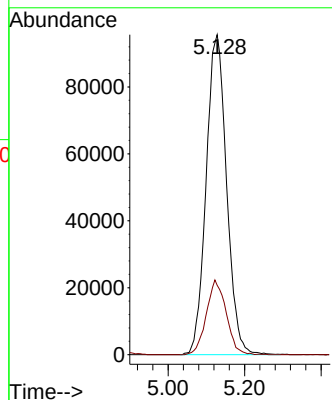
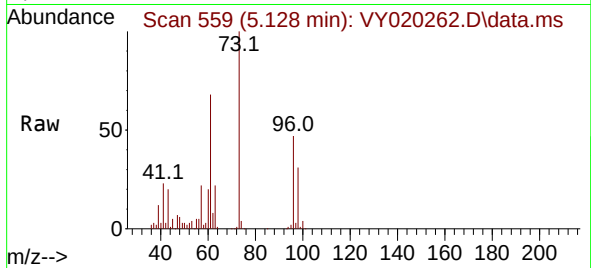
ClientSampleId :

Tgt Ion: 73 Resp: 355013

Ion Ratio Lower Upper

73 100

57 21.7 17.3 25.9



#20

Methylene Chloride

Concen: 48.109 ug/l

RT: 4.628 min Scan# 477

Delta R.T. 0.012 min

Lab File: VY020262.D

Acq: 12 Nov 2024 11:36

Tgt Ion: 84 Resp: 140936

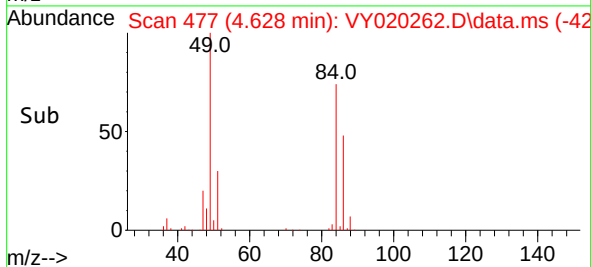
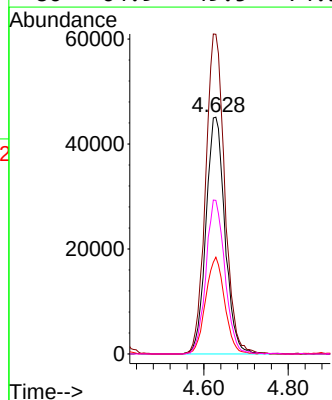
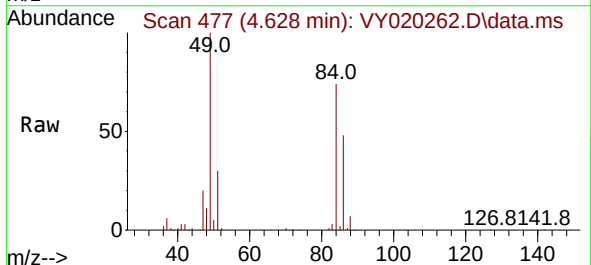
Ion Ratio Lower Upper

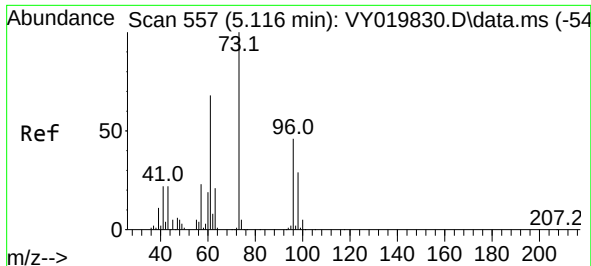
84 100

49 135.0 84.4 126.6#

51 40.9 26.0 39.0#

86 64.9 49.5 74.3

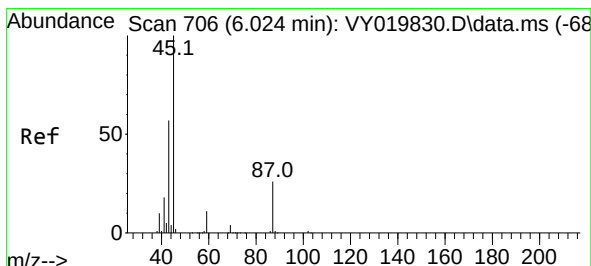
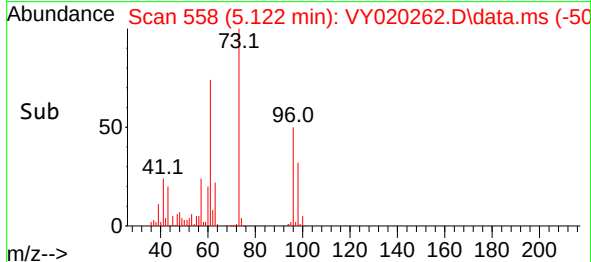
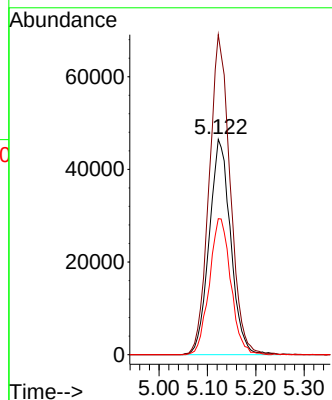
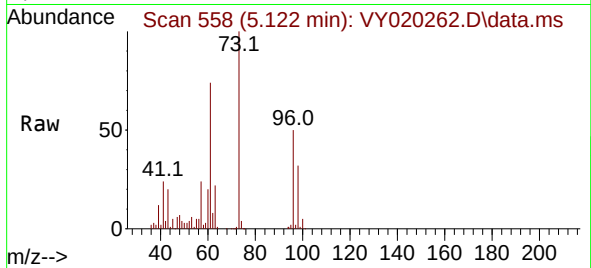




#21
trans-1,2-Dichloroethene
Concen: 52.361 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY020262.D
Acq: 12 Nov 2024 11:36

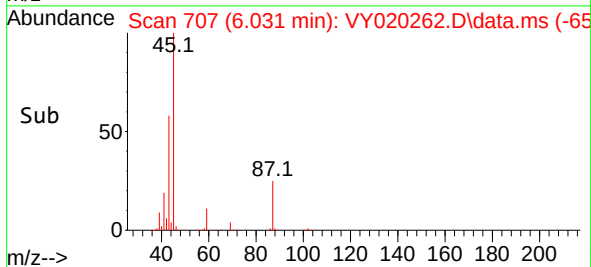
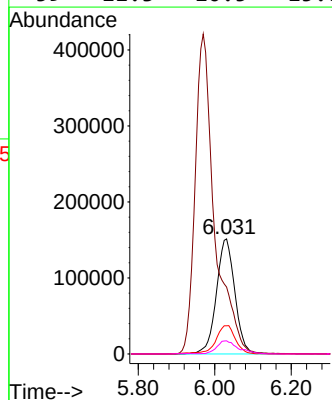
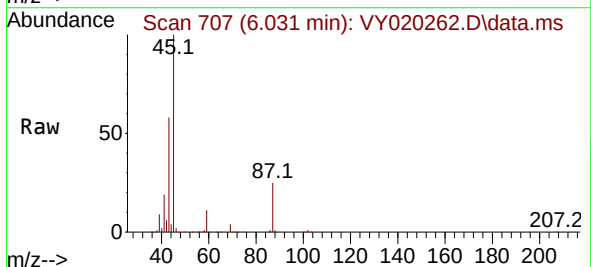
Instrument :
MSVOA_Y
ClientSampleId :

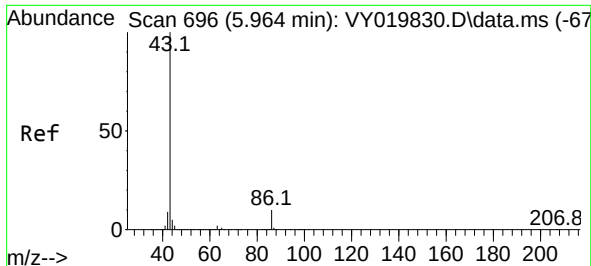
Tgt Ion: 96 Resp: 143179
Ion Ratio Lower Upper
96 100
61 148.6 97.5 146.3#
98 63.1 50.5 75.7



#22
Diisopropyl ether
Concen: 55.874 ug/l
RT: 6.031 min Scan# 707
Delta R.T. 0.012 min
Lab File: VY020262.D
Acq: 12 Nov 2024 11:36

Tgt Ion: 45 Resp: 507219
Ion Ratio Lower Upper
45 100
43 57.7 42.2 63.2
87 24.5 25.0 37.6#
59 11.3 10.5 15.7

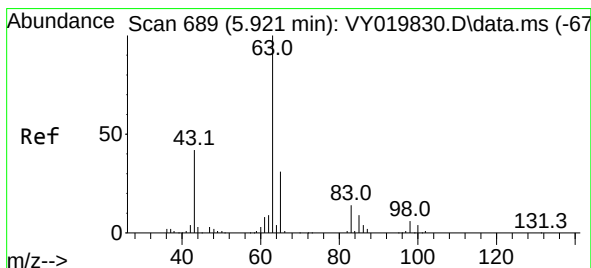
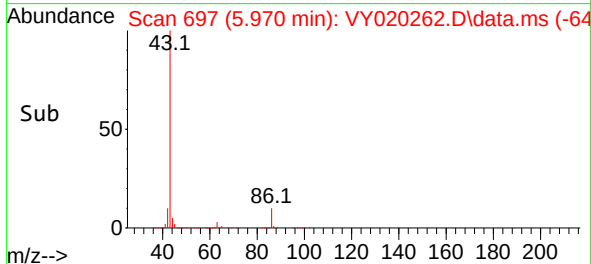
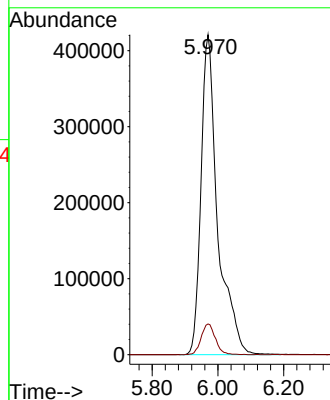
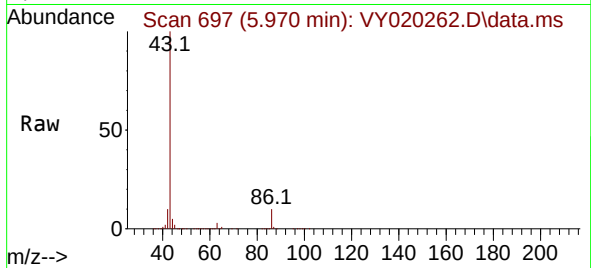




#23
 Vinyl Acetate
 Concen: 289.729 ug/l
 RT: 5.970 min Scan# 696
 Delta R.T. 0.012 min
 Lab File: VY020262.D
 Acq: 12 Nov 2024 11:36

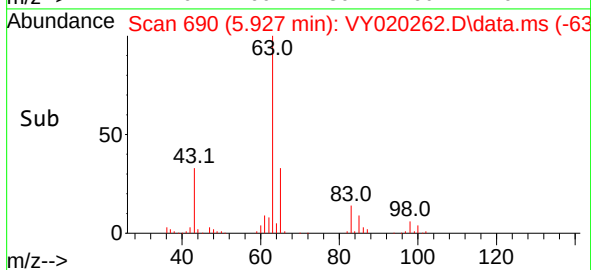
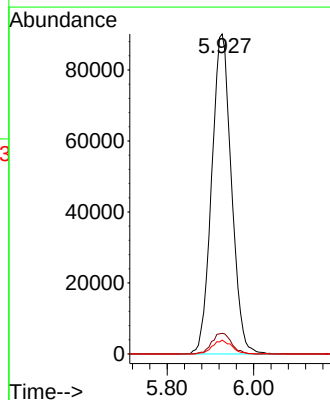
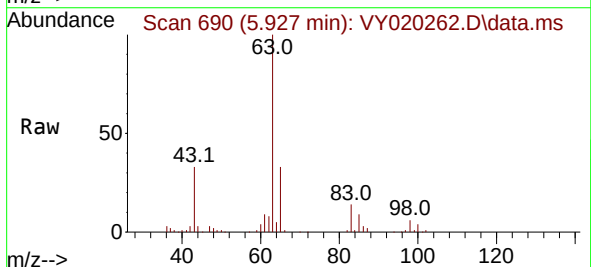
Instrument :
 MSVOA_Y
 ClientSampleId :

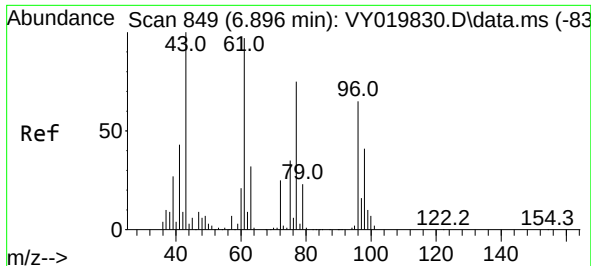
Tgt Ion: 43 Resp: 1480151
 Ion Ratio Lower Upper
 43 100
 86 9.6 10.6 16.0#



#24
 1,1-Dichloroethane
 Concen: 54.372 ug/l
 RT: 5.927 min Scan# 690
 Delta R.T. 0.012 min
 Lab File: VY020262.D
 Acq: 12 Nov 2024 11:36

Tgt Ion: 63 Resp: 285805
 Ion Ratio Lower Upper
 63 100
 98 6.4 4.0 12.2
 100 4.3 2.6 8.0





#25

2-Butanone

Concen: 304.210 ug/l

RT: 6.902 min Scan# 849

Delta R.T. 0.012 min

Lab File: VY020262.D

Acq: 12 Nov 2024 11:36

Instrument :

MSVOA_Y

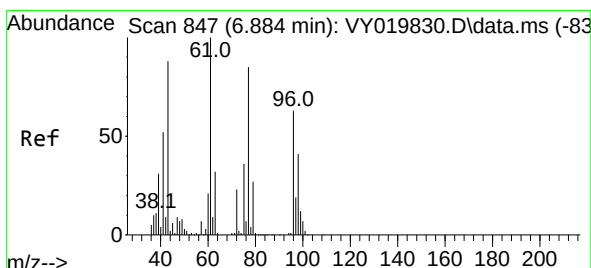
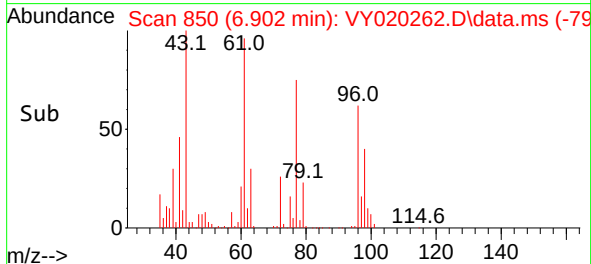
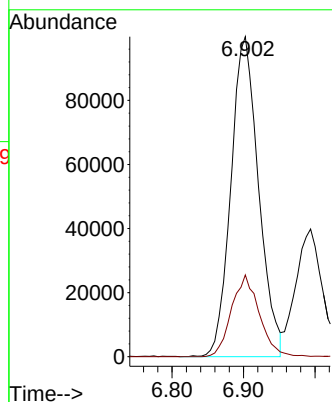
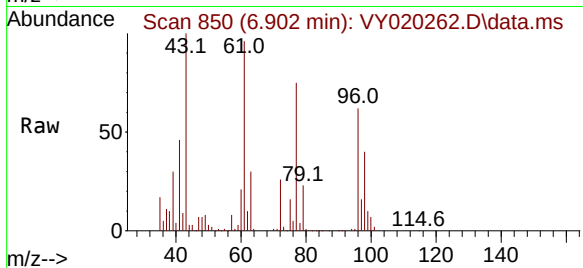
ClientSampleId :

Tgt Ion: 43 Resp: 268919

Ion Ratio Lower Upper

43 100

72 25.5 27.3 40.9#



#26

2,2-Dichloropropane

Concen: 55.224 ug/l

RT: 6.896 min Scan# 849

Delta R.T. 0.012 min

Lab File: VY020262.D

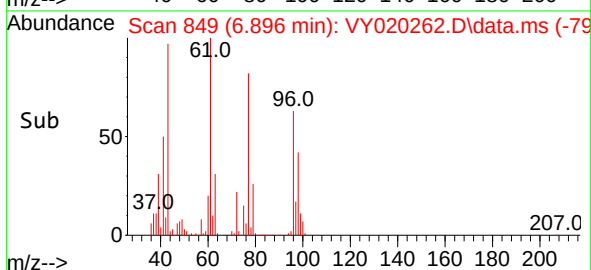
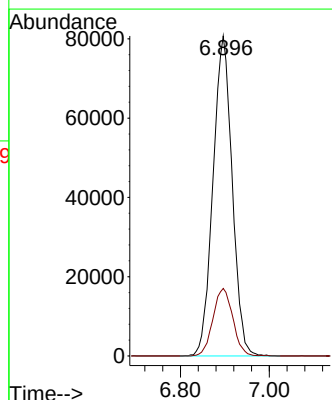
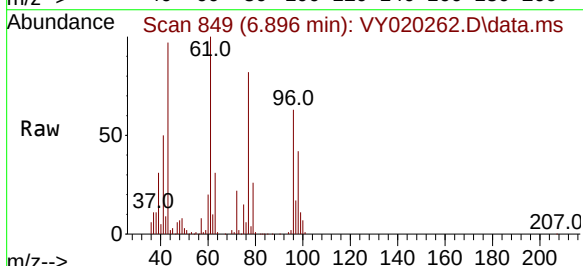
Acq: 12 Nov 2024 11:36

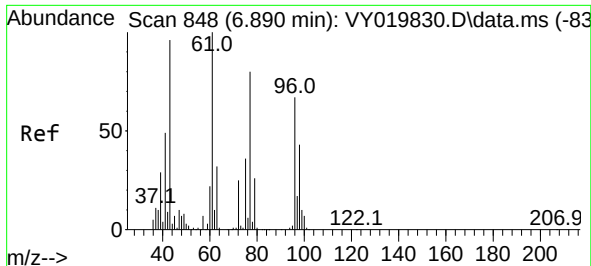
Tgt Ion: 77 Resp: 241523

Ion Ratio Lower Upper

77 100

97 21.9 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 54.799 ug/l

RT: 6.902 min Scan# 848

Delta R.T. 0.012 min

Lab File: VY020262.D

Acq: 12 Nov 2024 11:36

Instrument :

MSVOA_Y

ClientSampleId :

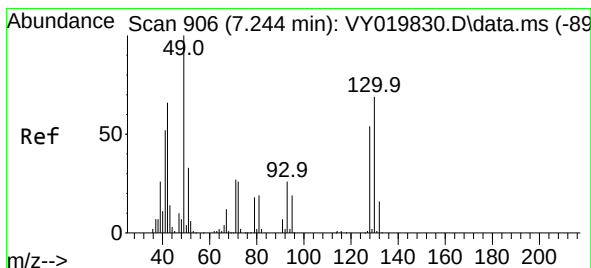
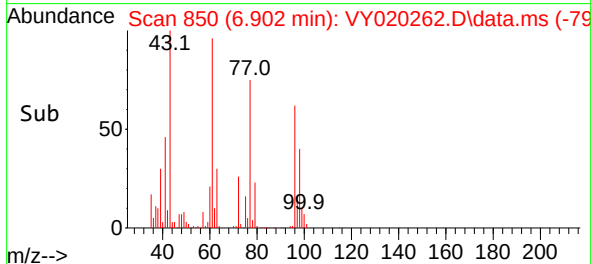
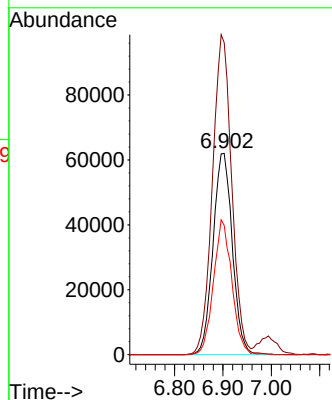
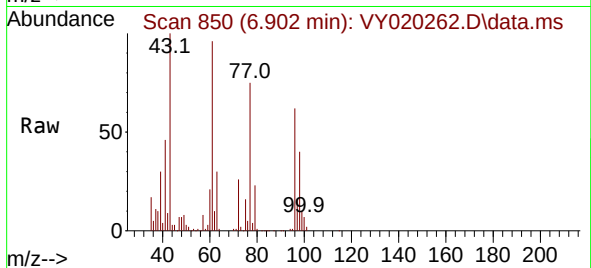
Tgt Ion: 96 Resp: 172251

Ion Ratio Lower Upper

96 100

61 157.8 0.0 256.2

98 63.6 0.0 130.0



#28

Bromochloromethane

Concen: 53.281 ug/l

RT: 7.250 min Scan# 907

Delta R.T. 0.006 min

Lab File: VY020262.D

Acq: 12 Nov 2024 11:36

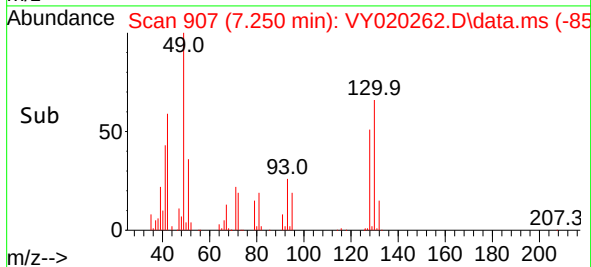
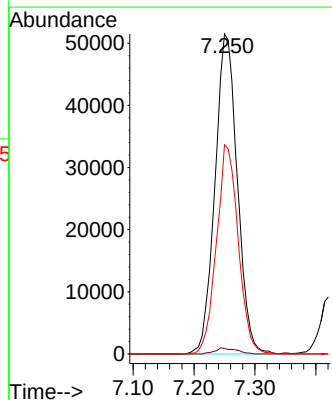
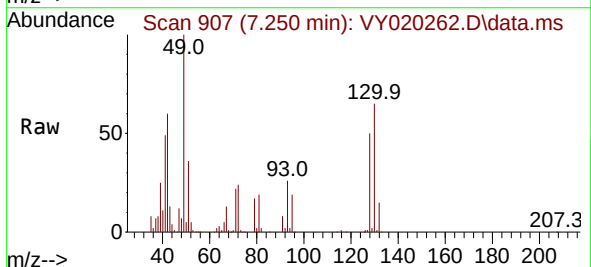
Tgt Ion: 49 Resp: 131141

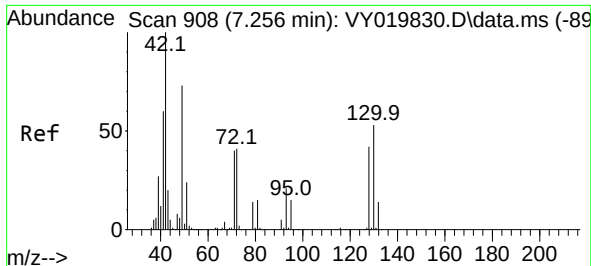
Ion Ratio Lower Upper

49 100

129 1.8 0.0 4.6

130 63.6 72.7 109.1#





#29

Tetrahydrofuran

Concen: 300.346 ug/l

RT: 7.268 min Scan# 910

Delta R.T. 0.006 min

Lab File: VY020262.D

Acq: 12 Nov 2024 11:36

Instrument :

MSVOA_Y

ClientSampleId :

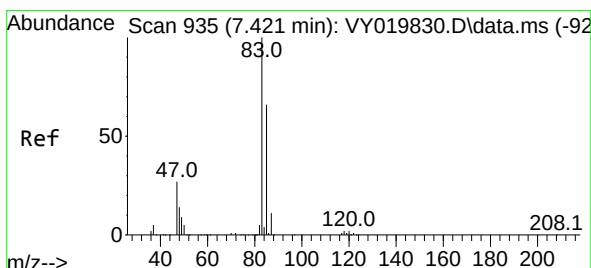
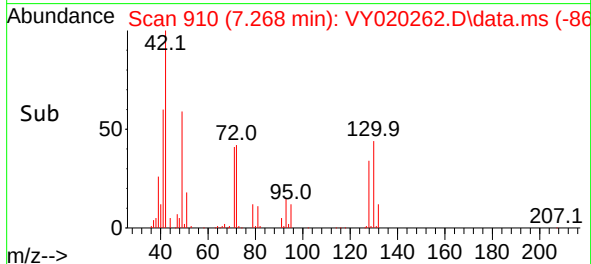
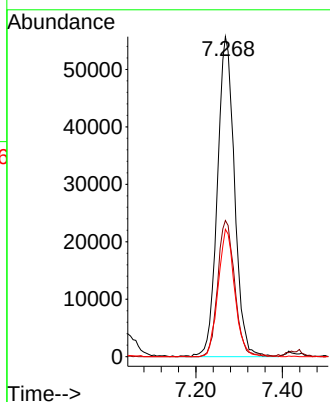
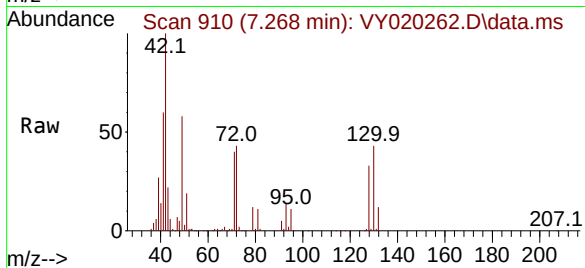
Tgt Ion: 42 Resp: 153223

Ion Ratio Lower Upper

42 100

72 42.2 43.0 64.4#

71 38.3 40.8 61.2#



#30

Chloroform

Concen: 55.403 ug/l

RT: 7.427 min Scan# 936

Delta R.T. 0.006 min

Lab File: VY020262.D

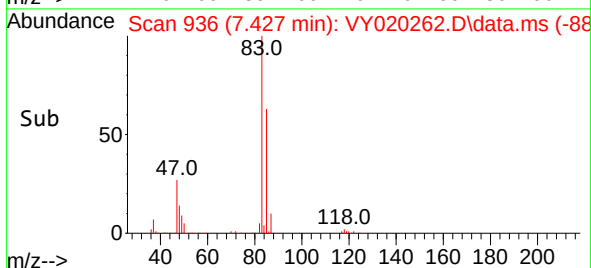
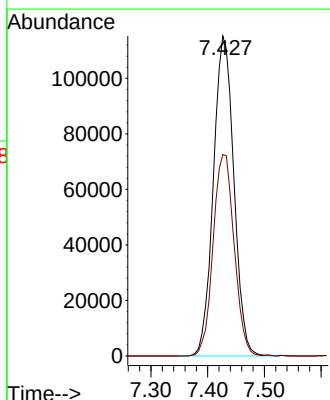
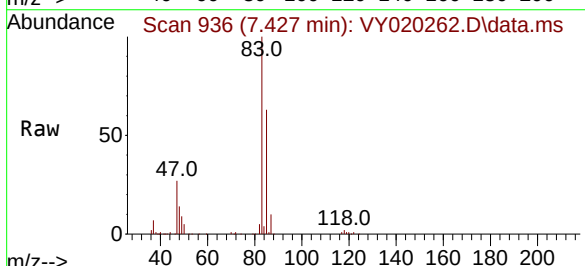
Acq: 12 Nov 2024 11:36

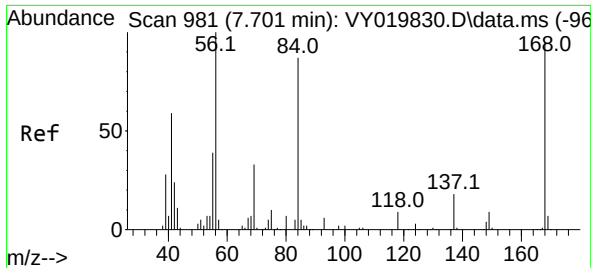
Tgt Ion: 83 Resp: 288986

Ion Ratio Lower Upper

83 100

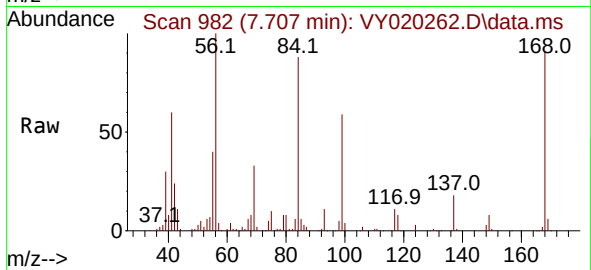
85 63.0 52.2 78.4



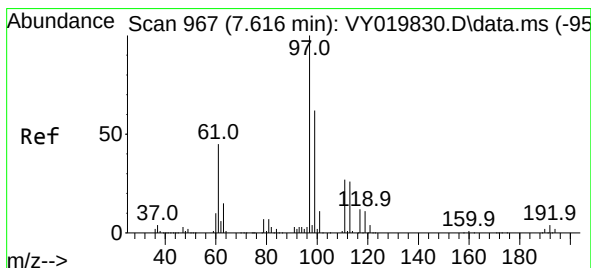
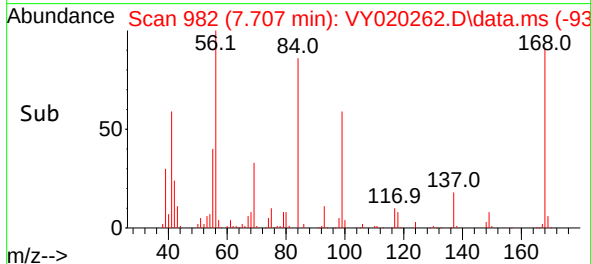
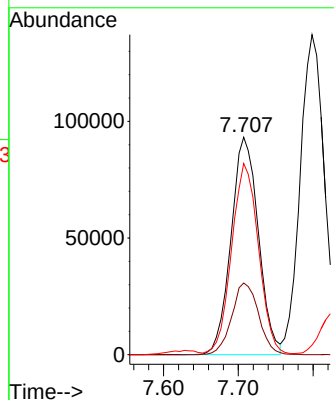


#31
Cyclohexane
Concen: 46.635 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020262.D
Acq: 12 Nov 2024 11:36

Instrument :
MSVOA_Y
ClientSampleId :

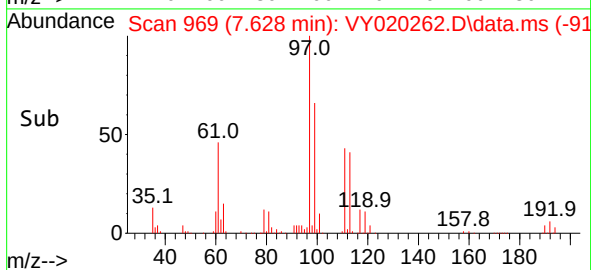
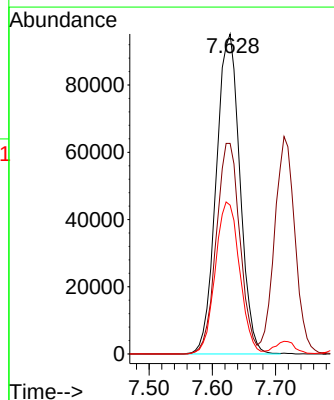
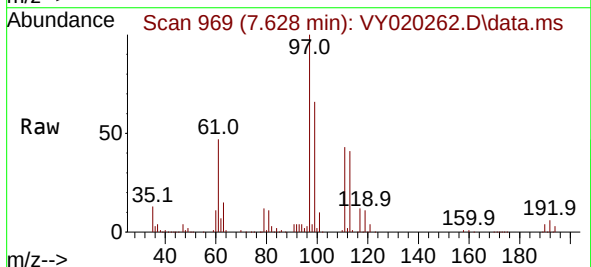


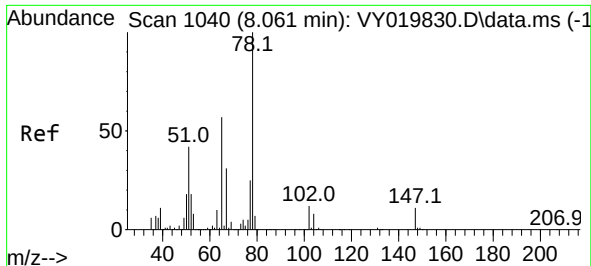
Tgt Ion: 56 Resp: 237318
Ion Ratio Lower Upper
56 100
69 33.0 28.7 43.1
84 86.5 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 54.281 ug/l
RT: 7.628 min Scan# 969
Delta R.T. 0.012 min
Lab File: VY020262.D
Acq: 12 Nov 2024 11:36

Tgt Ion: 97 Resp: 247195
Ion Ratio Lower Upper
97 100
99 65.7 50.3 75.5
61 48.8 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 54.611 ug/l

RT: 8.073 min Scan# 110

Delta R.T. 0.012 min

Lab File: VY020262.D

Acq: 12 Nov 2024 11:36

Instrument :

MSVOA_Y

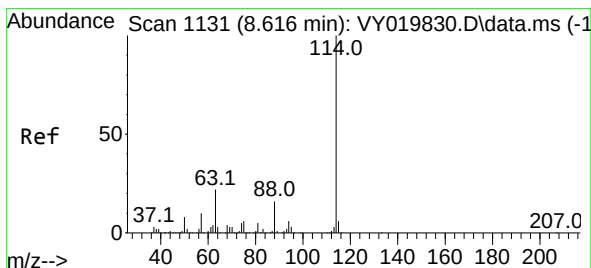
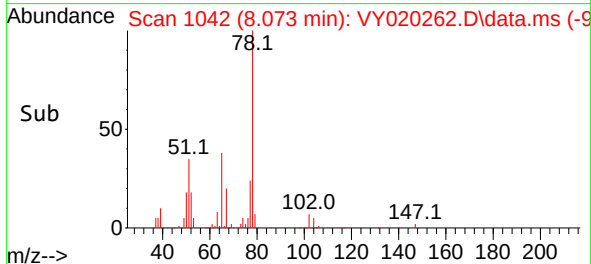
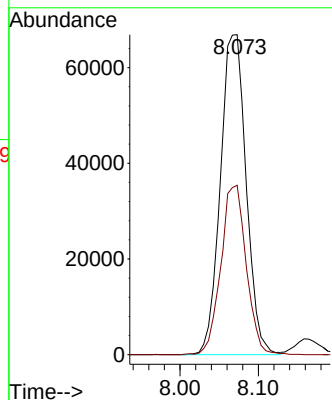
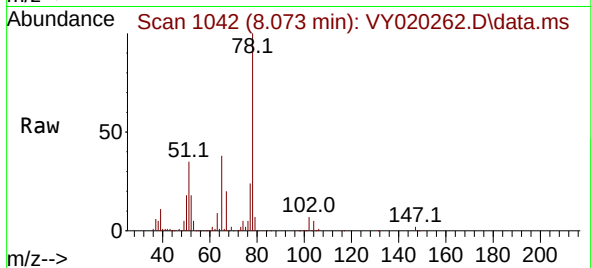
ClientSampleId :

Tgt Ion: 65 Resp: 153141

Ion Ratio Lower Upper

65 100

67 52.1 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VY020262.D

Acq: 12 Nov 2024 11:36

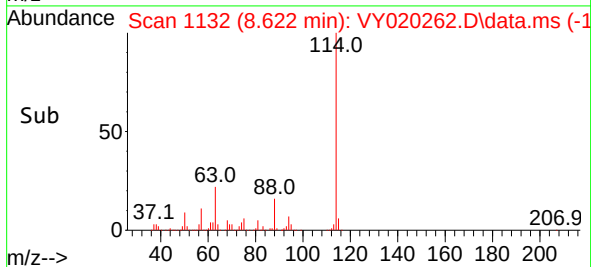
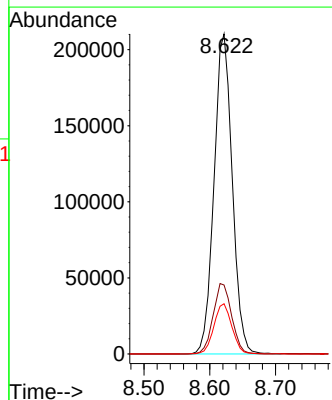
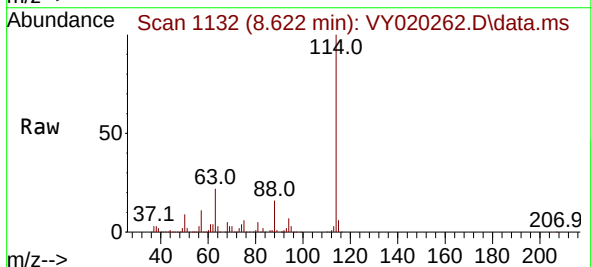
Tgt Ion: 114 Resp: 405544

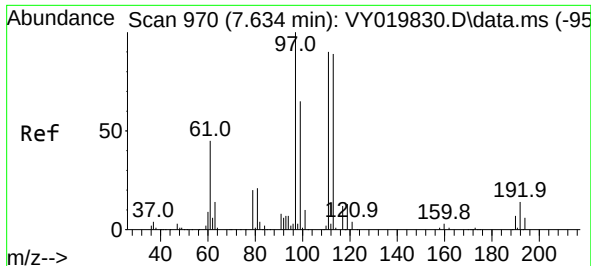
Ion Ratio Lower Upper

114 100

63 21.6 0.0 35.0

88 15.7 0.0 27.2

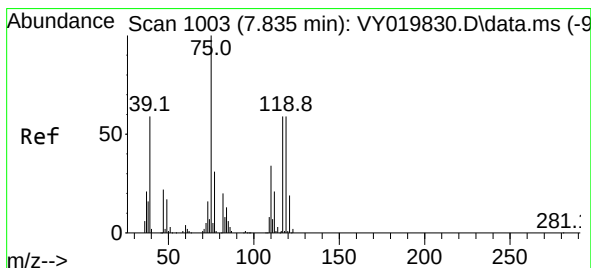
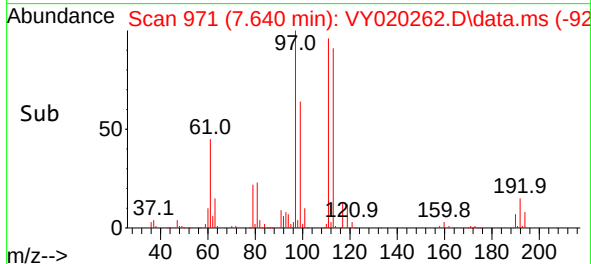
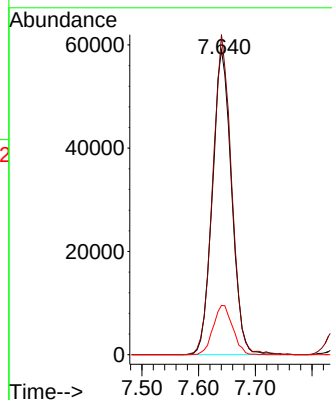
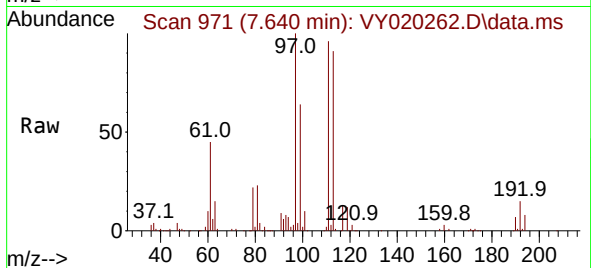




#35
Dibromofluoromethane
Concen: 53.625 ug/l
RT: 7.640 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020262.D
Acq: 12 Nov 2024 11:36

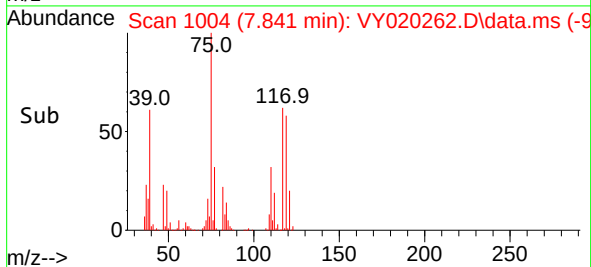
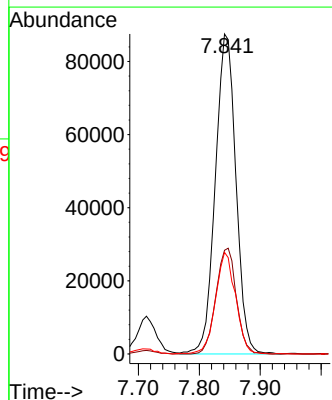
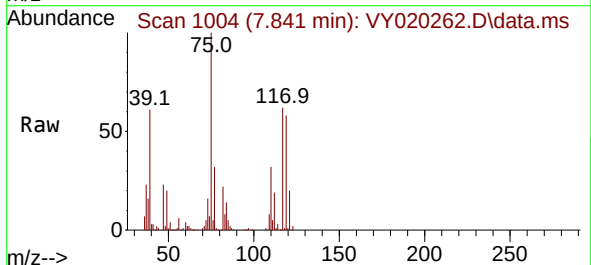
Instrument :
MSVOA_Y
ClientSampleId :

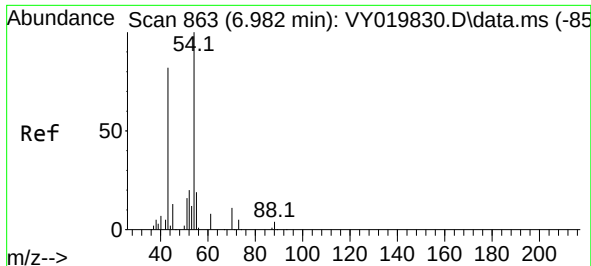
Tgt Ion:113 Resp: 138267
Ion Ratio Lower Upper
113 100
111 103.3 82.2 123.4
192 16.5 15.9 23.9



#36
1,1-Dichloropropene
Concen: 51.717 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. 0.006 min
Lab File: VY020262.D
Acq: 12 Nov 2024 11:36

Tgt Ion: 75 Resp: 205992
Ion Ratio Lower Upper
75 100
110 32.7 19.0 57.0
77 30.9 25.3 37.9

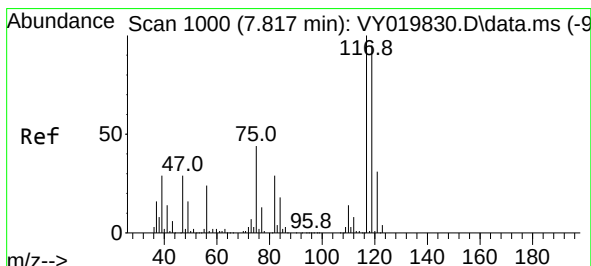
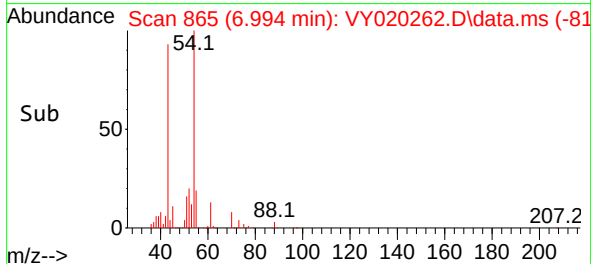
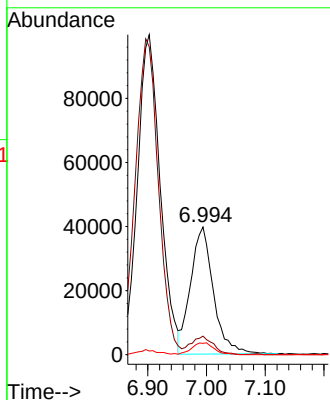
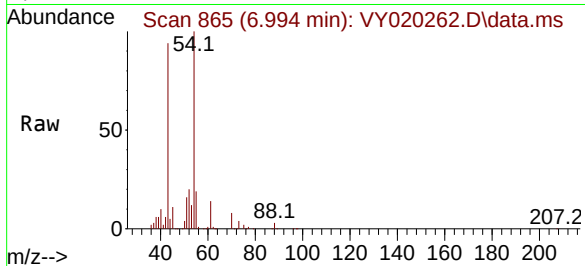




#37
Ethyl Acetate
Concen: 56.688 ug/l
RT: 6.994 min Scan# 80
Delta R.T. 0.012 min
Lab File: VY020262.D
Acq: 12 Nov 2024 11:36

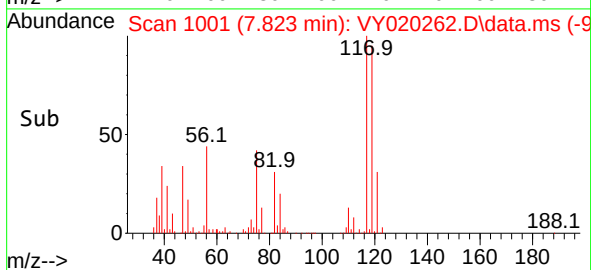
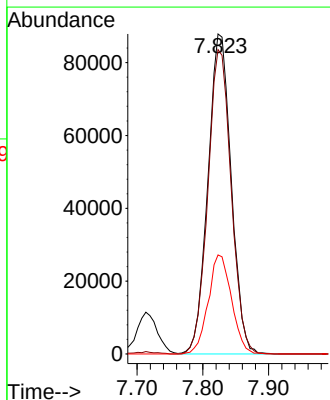
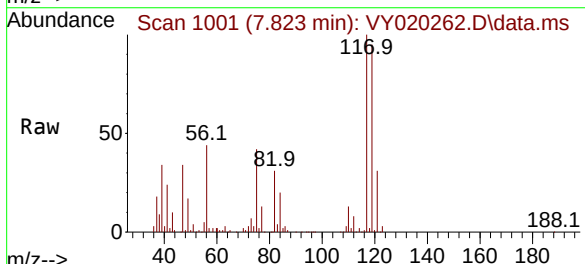
Instrument :
MSVOA_Y
ClientSampleId :

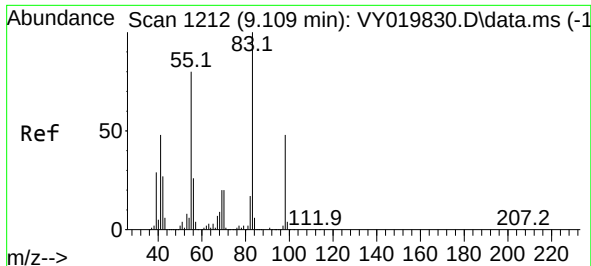
Tgt Ion: 43 Resp: 107651
Ion Ratio Lower Upper
43 100
61 13.9 12.6 19.0
70 9.1 7.8 11.8



#38
Carbon Tetrachloride
Concen: 54.109 ug/l
RT: 7.823 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VY020262.D
Acq: 12 Nov 2024 11:36

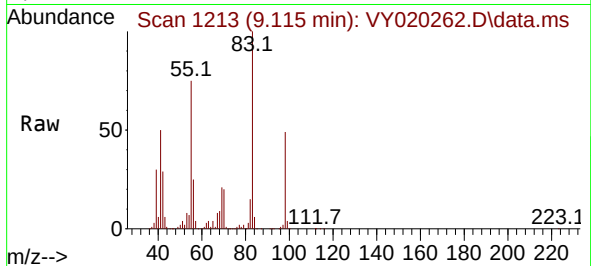
Tgt Ion: 117 Resp: 216723
Ion Ratio Lower Upper
117 100
119 95.1 75.8 113.6
121 30.9 24.0 36.0



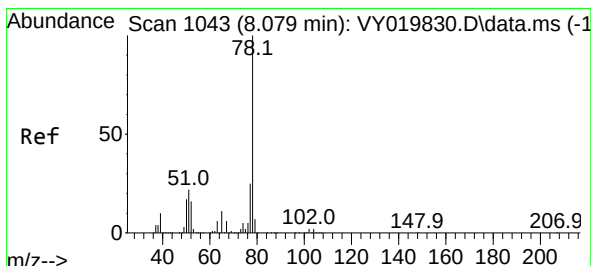
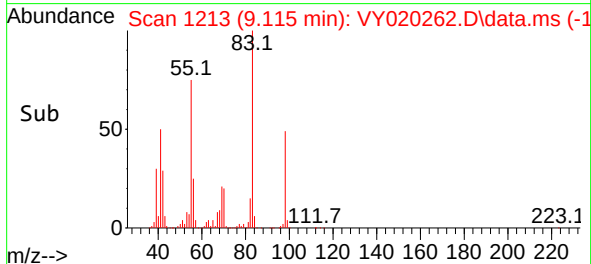
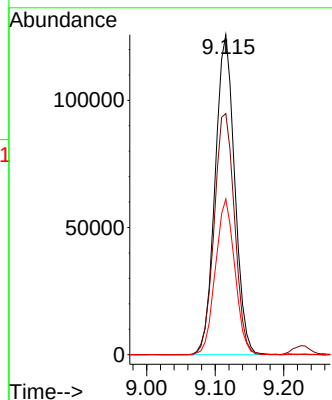


#39
Methylcyclohexane
Concen: 49.251 ug/l
RT: 9.115 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY020262.D
Acq: 12 Nov 2024 11:36

Instrument :
MSVOA_Y
ClientSampleId :

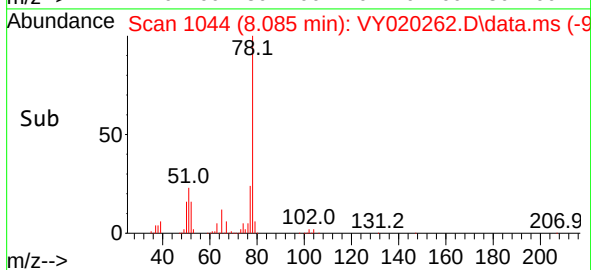
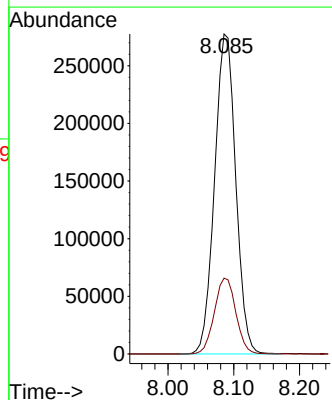
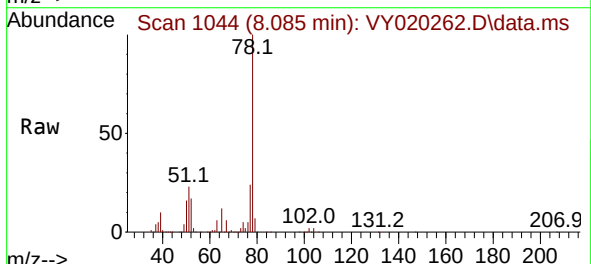


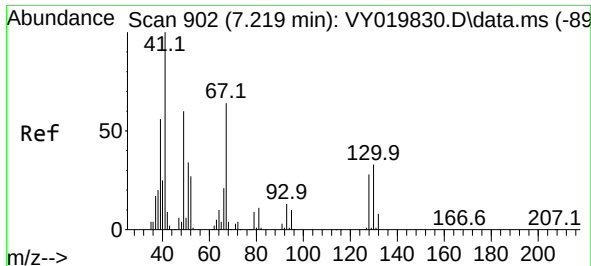
Tgt Ion: 83 Resp: 248976
Ion Ratio Lower Upper
83 100
55 75.3 51.5 77.3
98 48.7 40.5 60.7



#40
Benzene
Concen: 53.482 ug/l
RT: 8.085 min Scan# 1044
Delta R.T. 0.006 min
Lab File: VY020262.D
Acq: 12 Nov 2024 11:36

Tgt Ion: 78 Resp: 621785
Ion Ratio Lower Upper
78 100
77 23.7 19.5 29.3

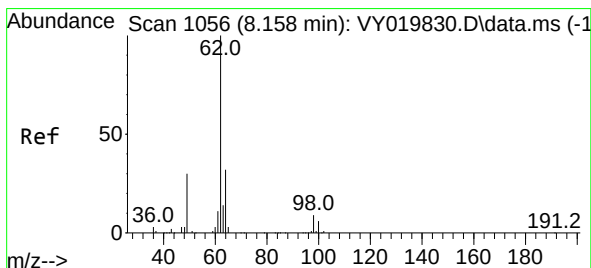
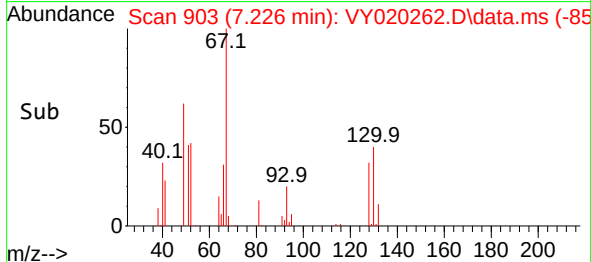
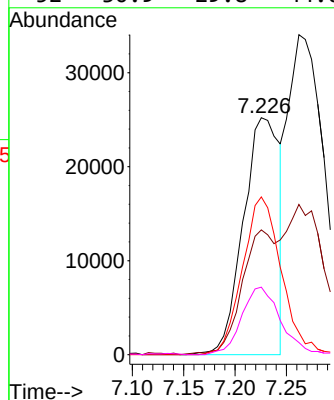
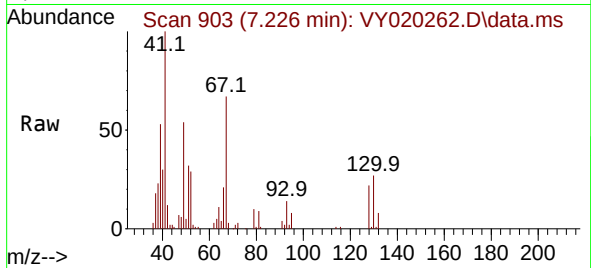




#41
Methacrylonitrile
Concen: 64.867 ug/l
RT: 7.226 min Scan# 902
Delta R.T. 0.006 min
Lab File: VY020262.D
Acq: 12 Nov 2024 11:36

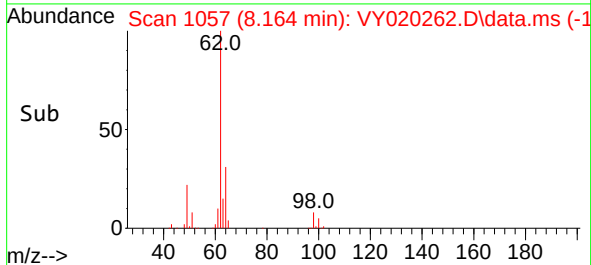
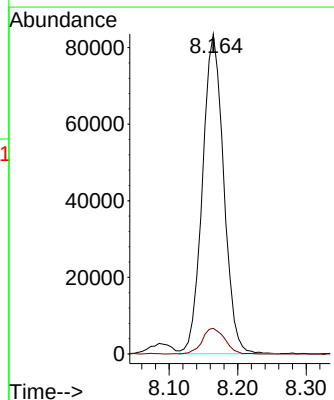
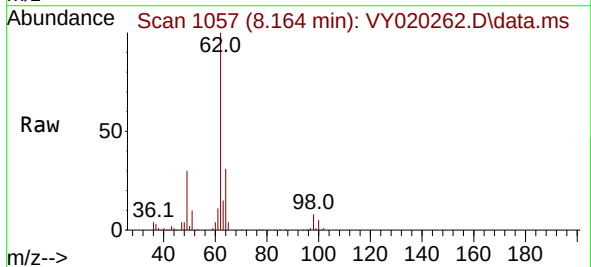
Instrument :
MSVOA_Y
ClientSampleId :

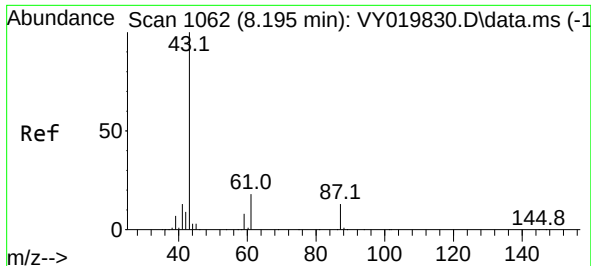
Tgt Ion: 41 Resp: 61707
Ion Ratio Lower Upper
41 100
39 46.6 48.0 72.0#
67 71.9 75.1 112.7#
52 30.9 29.8 44.6



#42
1,2-Dichloroethane
Concen: 55.847 ug/l
RT: 8.164 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VY020262.D
Acq: 12 Nov 2024 11:36

Tgt Ion: 62 Resp: 179720
Ion Ratio Lower Upper
62 100
98 8.6 0.0 22.0

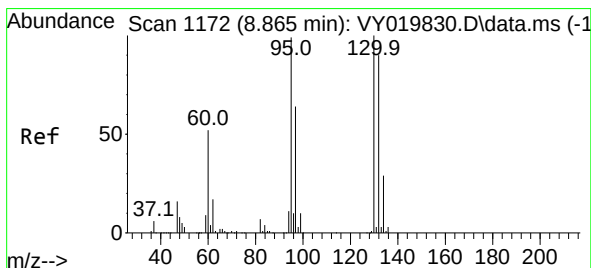
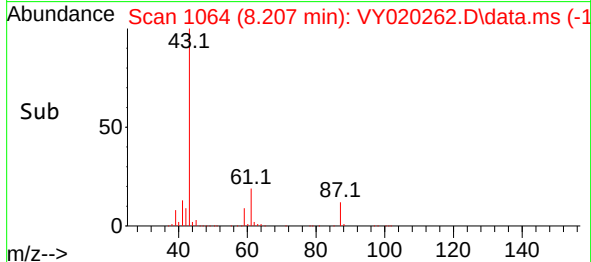
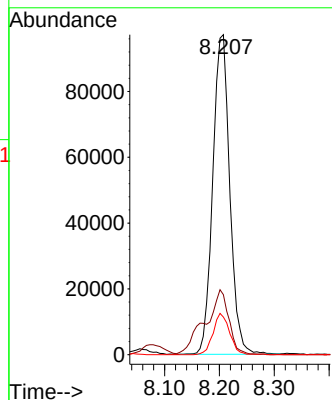
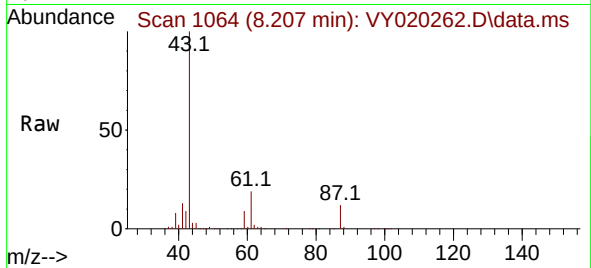




#43
Isopropyl Acetate
Concen: 57.246 ug/l
RT: 8.207 min Scan# 1064
Delta R.T. 0.012 min
Lab File: VY020262.D
Acq: 12 Nov 2024 11:36

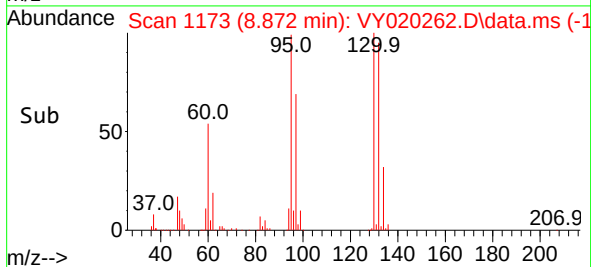
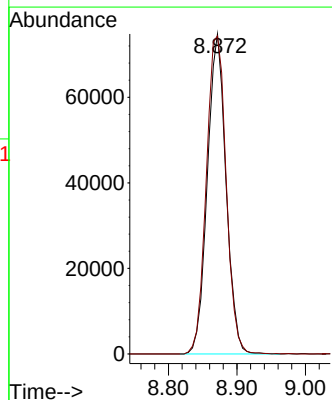
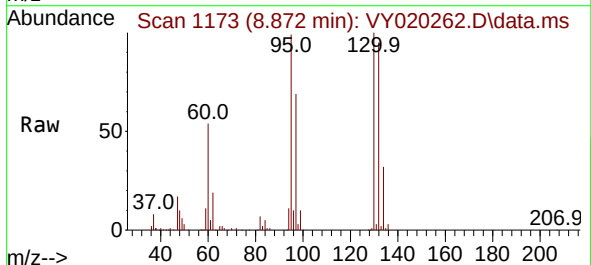
Instrument :
MSVOA_Y
ClientSampleId :

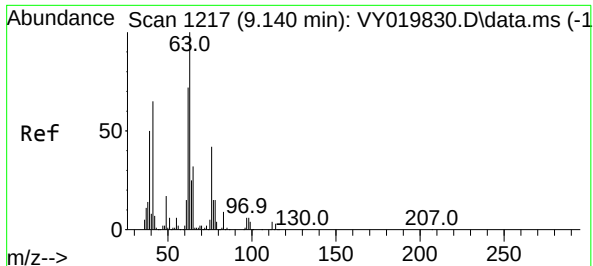
Tgt Ion: 43 Resp: 209047
Ion Ratio Lower Upper
43 100
61 28.6 27.9 41.9
87 12.5 13.1 19.7#



#44
Trichloroethene
Concen: 52.560 ug/l
RT: 8.872 min Scan# 1173
Delta R.T. 0.006 min
Lab File: VY020262.D
Acq: 12 Nov 2024 11:36

Tgt Ion:130 Resp: 141624
Ion Ratio Lower Upper
130 100
95 99.4 0.0 188.0





#45

1,2-Dichloropropane

Concen: 54.743 ug/l

RT: 9.146 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VY020262.D

Acq: 12 Nov 2024 11:36

Instrument :

MSVOA_Y

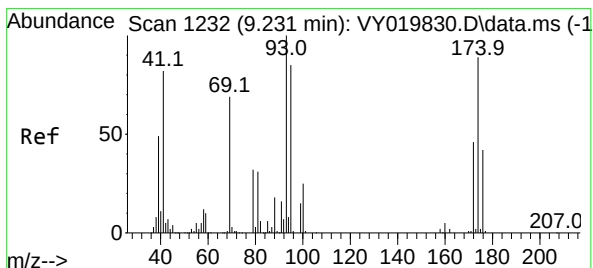
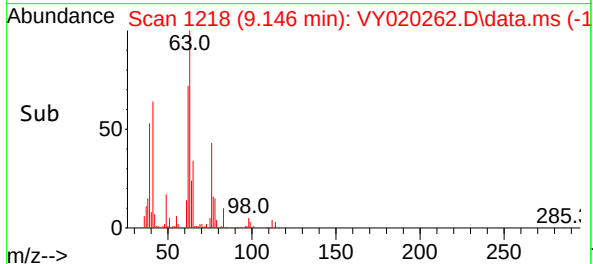
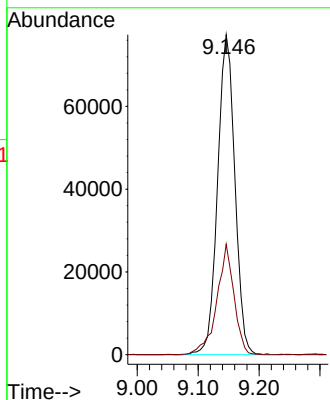
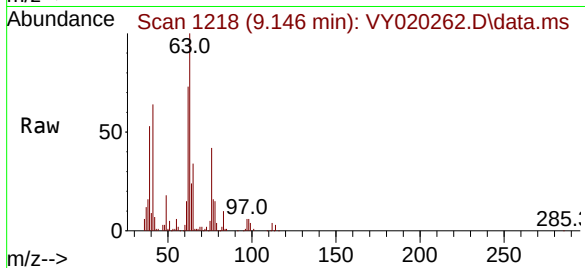
ClientSampleId :

Tgt Ion: 63 Resp: 152271

Ion Ratio Lower Upper

63 100

65 34.5 25.4 38.2



#46

Dibromomethane

Concen: 56.533 ug/l

RT: 9.237 min Scan# 1233

Delta R.T. 0.006 min

Lab File: VY020262.D

Acq: 12 Nov 2024 11:36

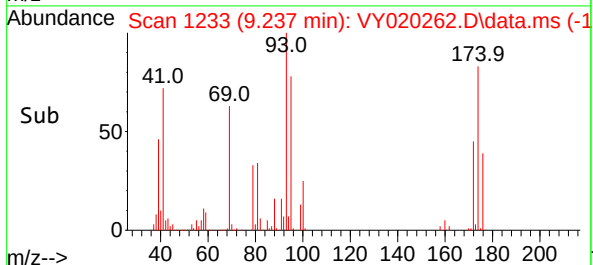
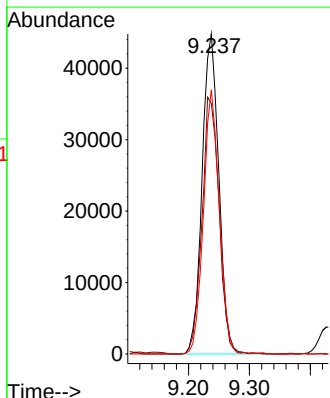
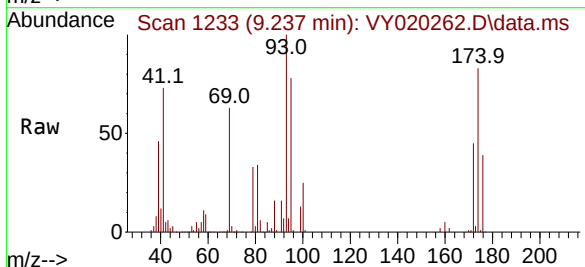
Tgt Ion: 93 Resp: 85205

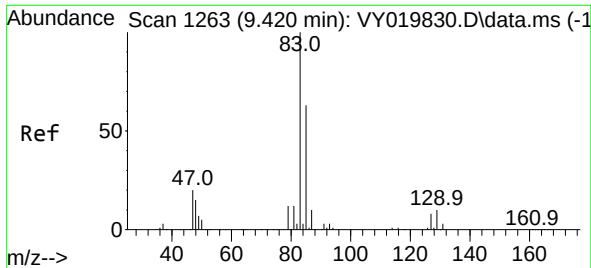
Ion Ratio Lower Upper

93 100

95 82.0 66.2 99.4

174 78.7 80.9 121.3#





#47

Bromodichloromethane

Concen: 56.723 ug/l

RT: 9.426 min Scan# 1264

Delta R.T. 0.000 min

Lab File: VY020262.D

Acq: 12 Nov 2024 11:36

Instrument :

MSVOA_Y

ClientSampleId :

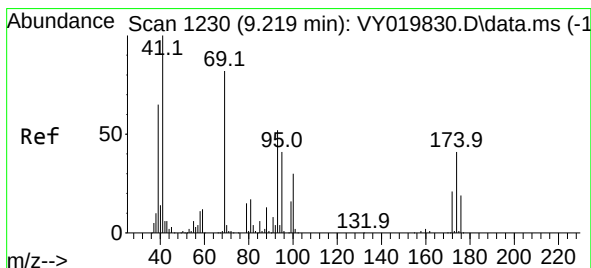
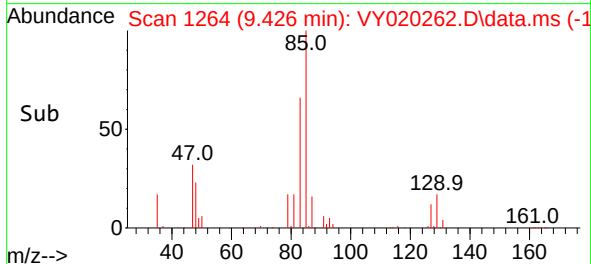
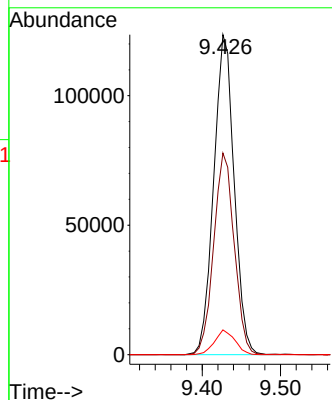
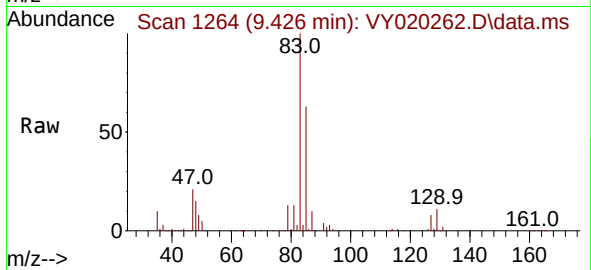
Tgt Ion: 83 Resp: 223964

Ion Ratio Lower Upper

83 100

85 63.0 50.1 75.1

127 7.7 7.4 11.0



#48

Methyl methacrylate

Concen: 58.759 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. 0.006 min

Lab File: VY020262.D

Acq: 12 Nov 2024 11:36

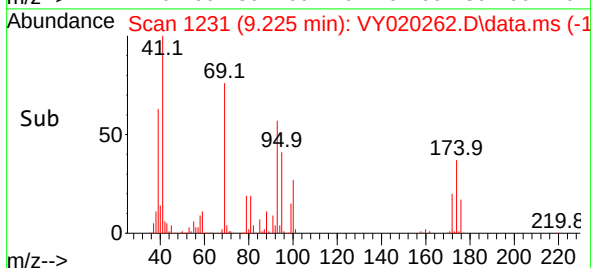
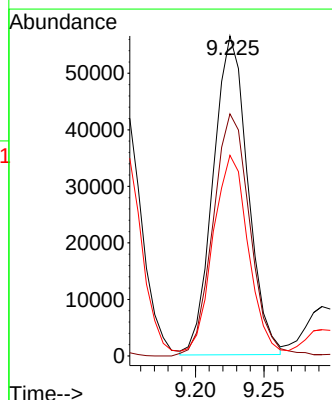
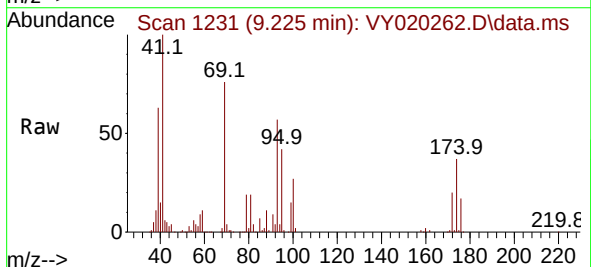
Tgt Ion: 41 Resp: 99389

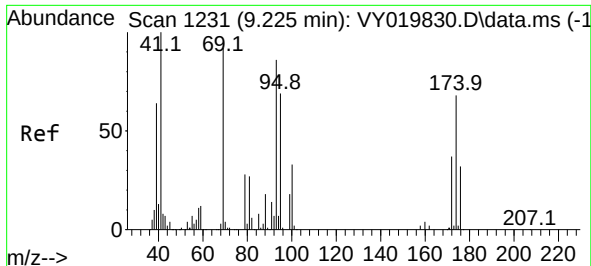
Ion Ratio Lower Upper

41 100

69 80.8 84.1 126.1#

39 61.9 43.6 65.4





#49

1,4-Dioxane

Concen: 1189.020 ug/l

RT: 9.231 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY020262.D

Acq: 12 Nov 2024 11:36

Instrument :

MSVOA_Y

ClientSampleId :

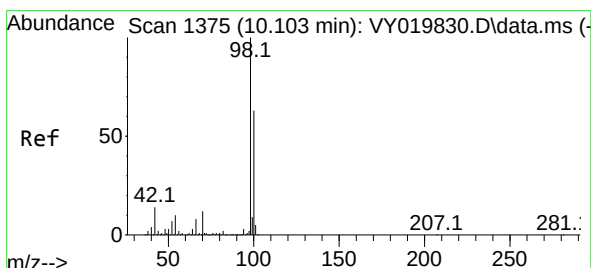
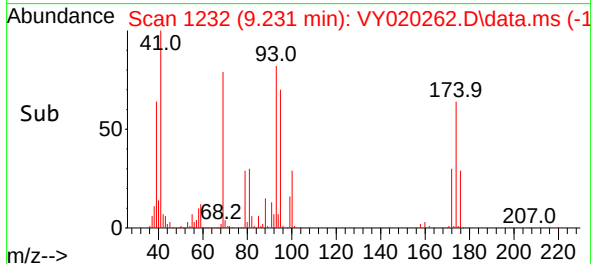
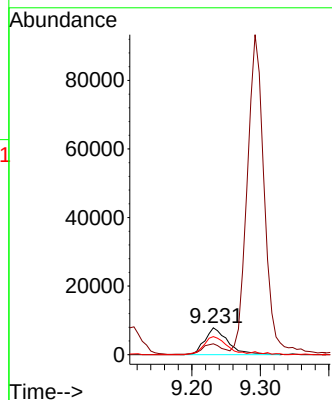
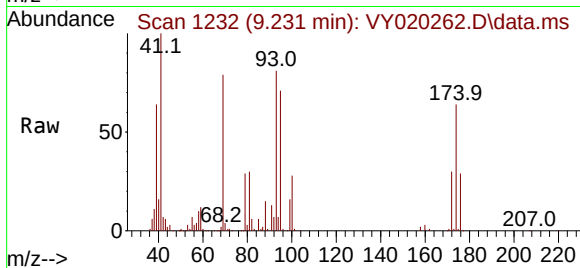
Tgt Ion: 88 Resp: 18450

Ion Ratio Lower Upper

88 100

43 33.7 0.0 0.0#

58 65.9 49.3 73.9



#50

Toluene-d8

Concen: 51.737 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY020262.D

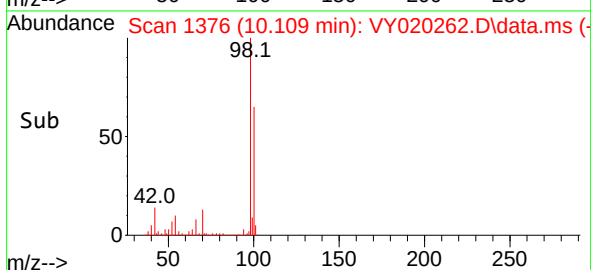
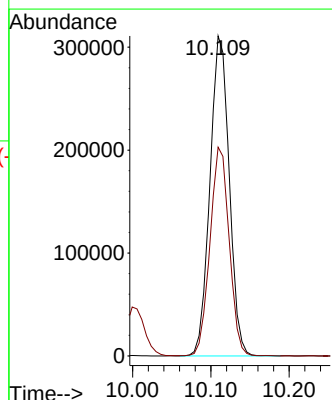
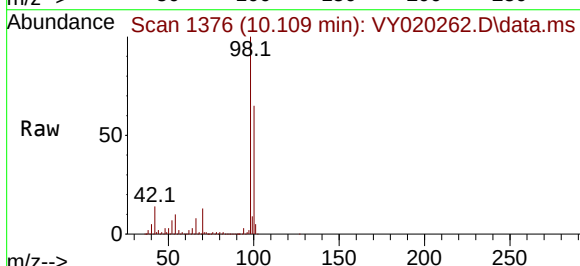
Acq: 12 Nov 2024 11:36

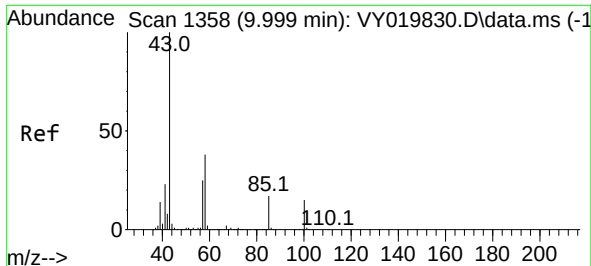
Tgt Ion: 98 Resp: 530993

Ion Ratio Lower Upper

98 100

100 65.1 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 305.055 ug/l

RT: 9.999 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY020262.D

Acq: 12 Nov 2024 11:36

Instrument :

MSVOA_Y

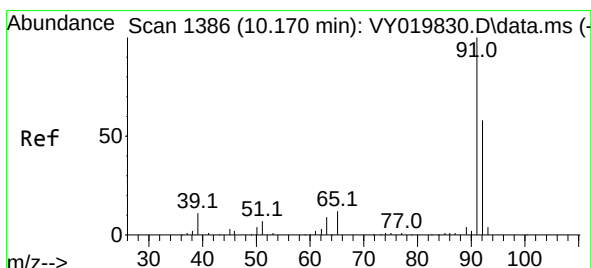
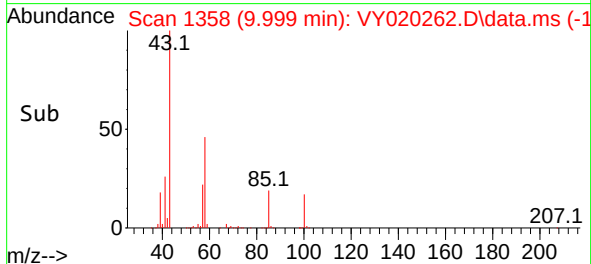
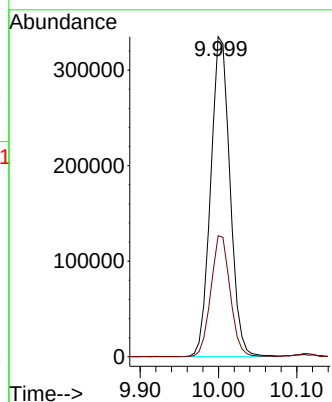
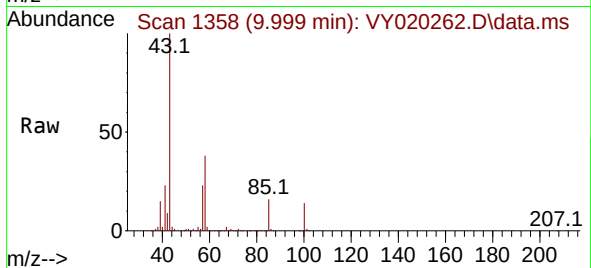
ClientSampleId :

Tgt Ion: 43 Resp: 573997

Ion Ratio Lower Upper

43 100

58 37.8 35.7 53.5



#52

Toluene

Concen: 54.897 ug/l

RT: 10.176 min Scan# 1387

Delta R.T. 0.006 min

Lab File: VY020262.D

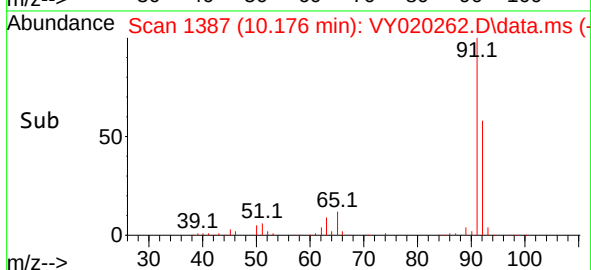
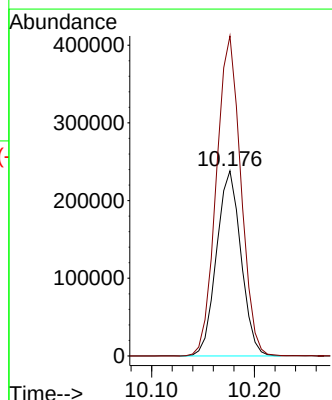
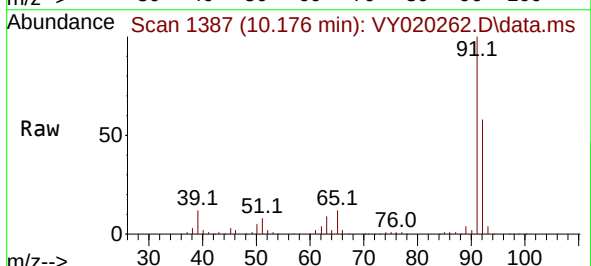
Acq: 12 Nov 2024 11:36

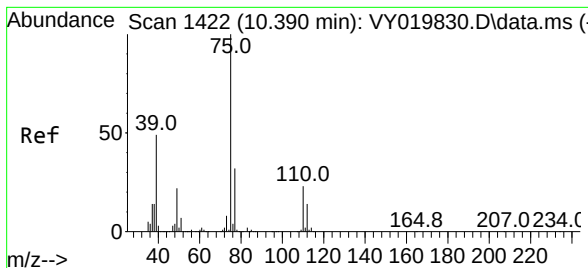
Tgt Ion: 92 Resp: 393421

Ion Ratio Lower Upper

92 100

91 173.7 139.0 208.6

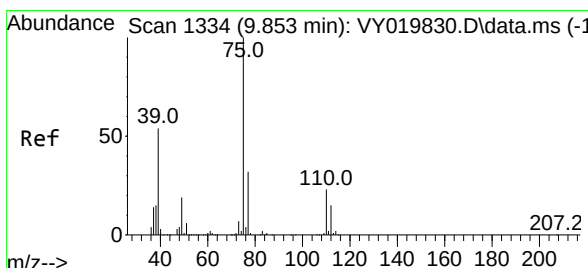
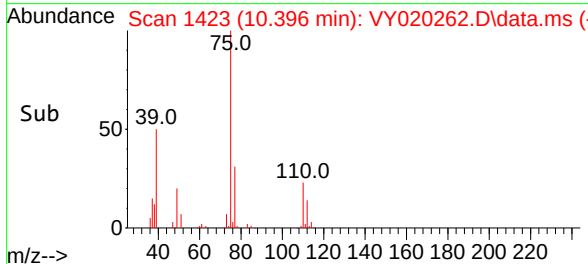
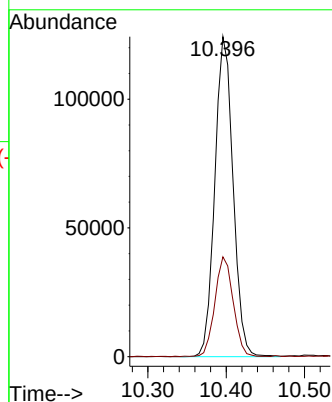
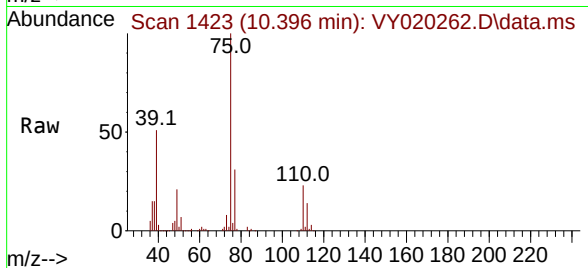




#53
 t-1,3-Dichloropropene
 Concen: 57.642 ug/l
 RT: 10.396 min Scan# 1422
 Delta R.T. 0.000 min
 Lab File: VY020262.D
 Acq: 12 Nov 2024 11:36

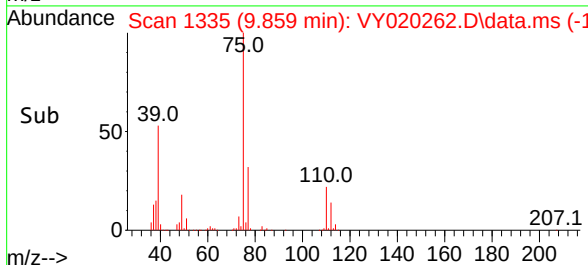
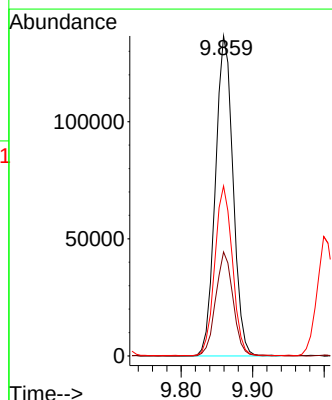
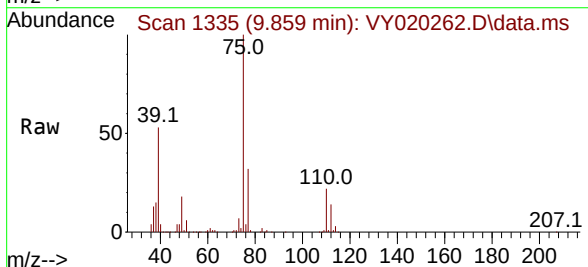
Instrument :
 MSVOA_Y
 ClientSampleId :

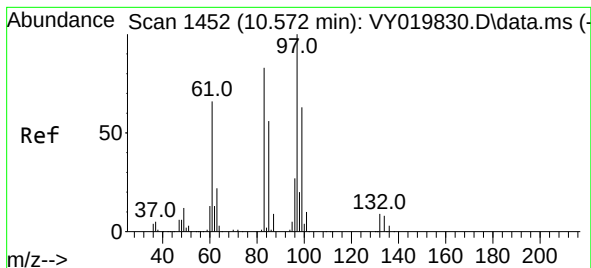
Tgt Ion: 75 Resp: 200973
 Ion Ratio Lower Upper
 75 100
 77 31.1 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 56.304 ug/l
 RT: 9.859 min Scan# 1335
 Delta R.T. 0.000 min
 Lab File: VY020262.D
 Acq: 12 Nov 2024 11:36

Tgt Ion: 75 Resp: 234312
 Ion Ratio Lower Upper
 75 100
 77 32.5 25.4 38.0
 39 53.0 29.8 44.6#





#55

1,1,2-Trichloroethane

Concen: 57.311 ug/l

RT: 10.573 min Scan# 1452

Delta R.T. 0.000 min

Lab File: VY020262.D

Acq: 12 Nov 2024 11:36

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 107397

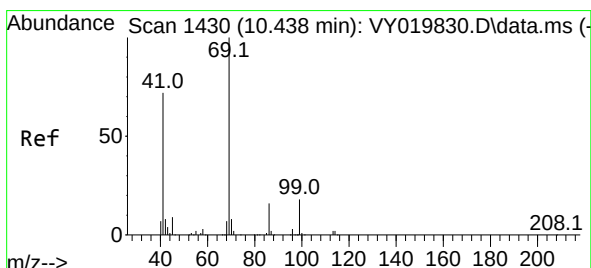
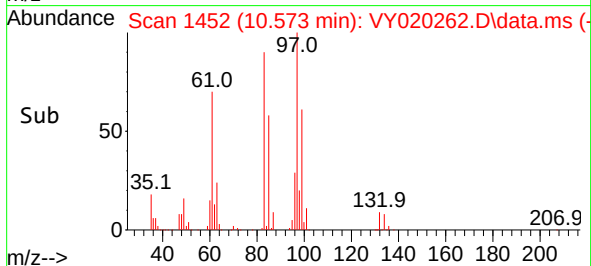
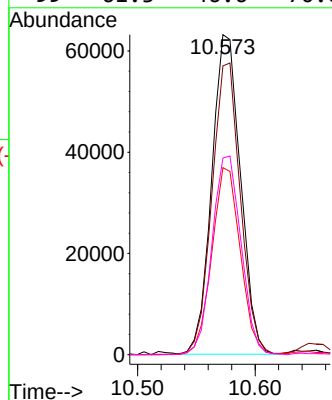
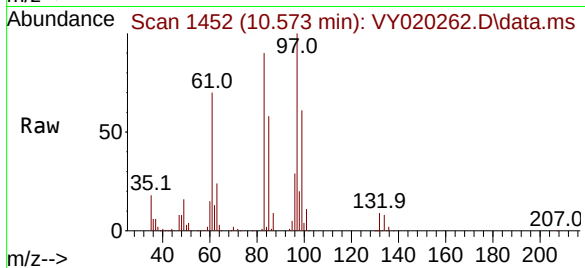
Ion Ratio Lower Upper

97 100

83 90.0 67.5 101.3

85 58.4 42.9 64.3

99 61.3 46.6 70.0



#56

Ethyl methacrylate

Concen: 60.431 ug/l

RT: 10.444 min Scan# 1431

Delta R.T. 0.006 min

Lab File: VY020262.D

Acq: 12 Nov 2024 11:36

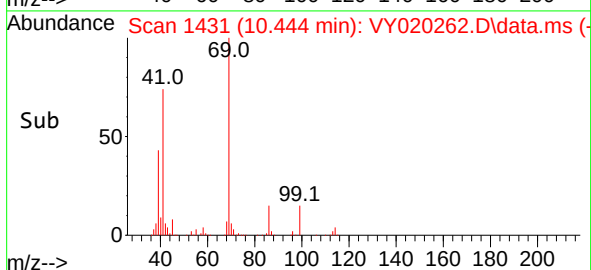
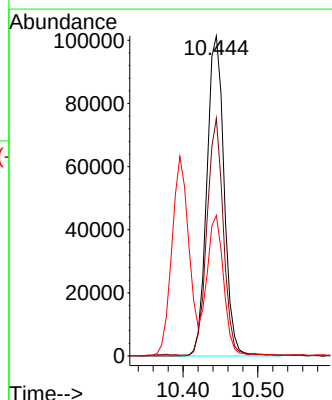
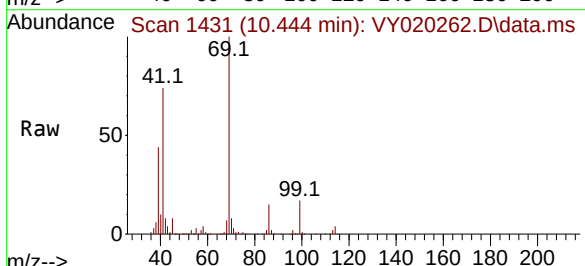
Tgt Ion: 69 Resp: 162444

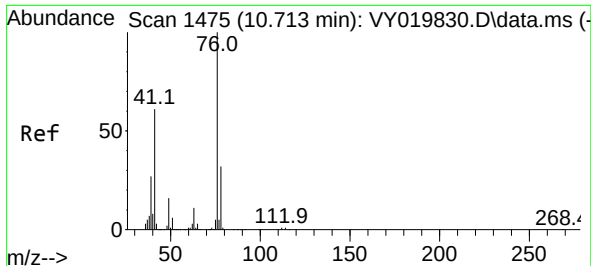
Ion Ratio Lower Upper

69 100

41 70.1 42.3 63.5#

39 41.9 22.9 34.3#





#57

1,3-Dichloropropane

Concen: 56.915 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VY020262.D

Acq: 12 Nov 2024 11:36

Instrument :

MSVOA_Y

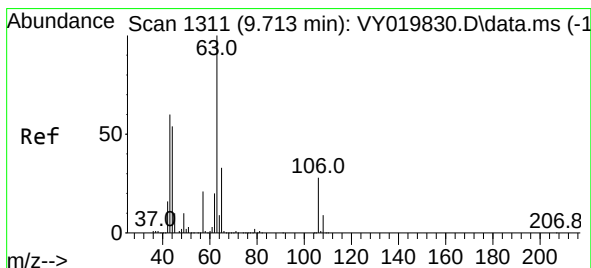
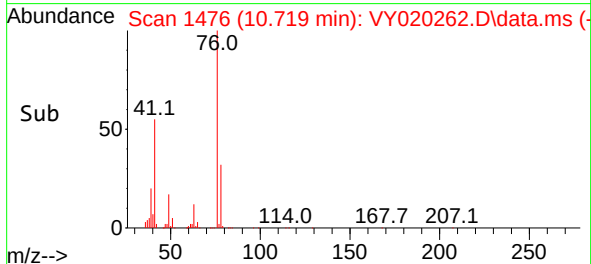
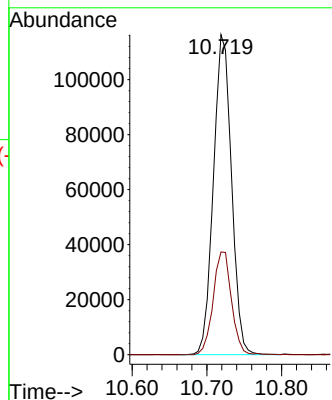
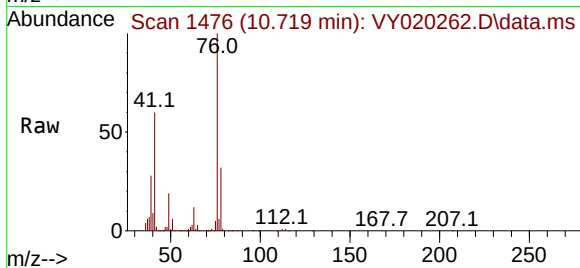
ClientSampleId :

Tgt Ion: 76 Resp: 195314

Ion Ratio Lower Upper

76 100

78 32.6 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 261.592 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY020262.D

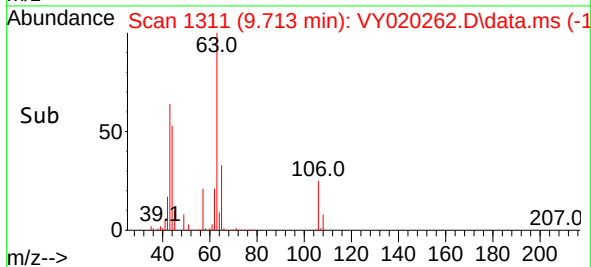
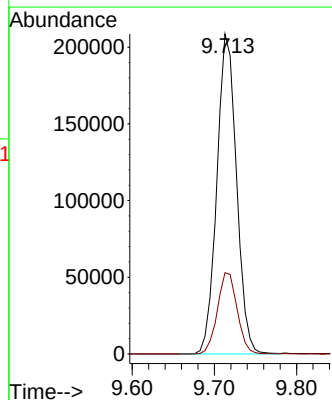
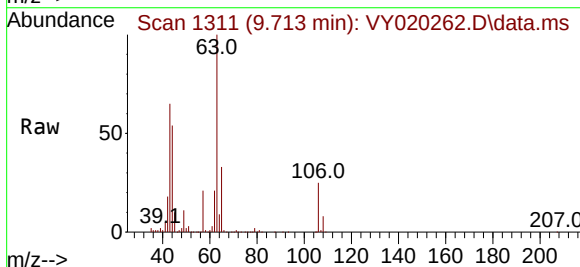
Acq: 12 Nov 2024 11:36

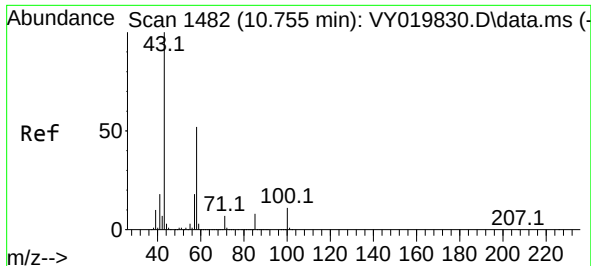
Tgt Ion: 63 Resp: 346786

Ion Ratio Lower Upper

63 100

106 25.6 23.7 35.5





#59

2-Hexanone

Concen: 312.303 ug/l

RT: 10.762 min Scan# 1483

Delta R.T. 0.000 min

Lab File: VY020262.D

Acq: 12 Nov 2024 11:36

Instrument :

MSVOA_Y

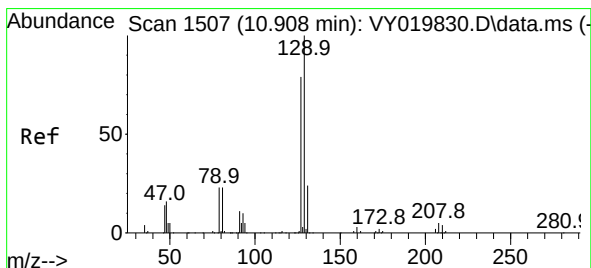
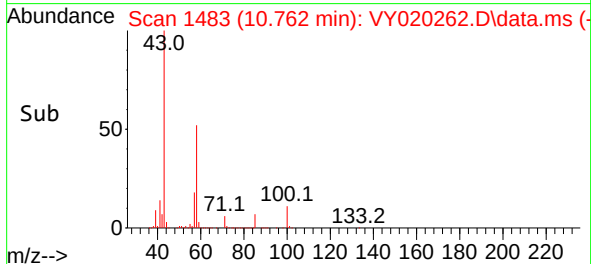
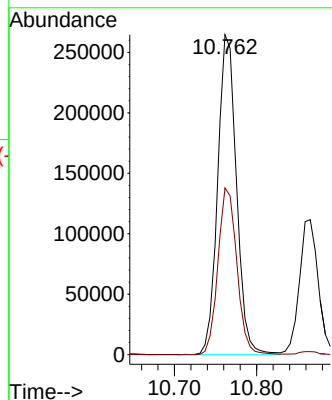
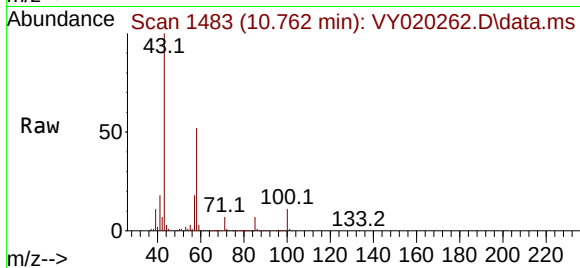
ClientSampleId :

Tgt Ion: 43 Resp: 421290

Ion Ratio Lower Upper

43 100

58 52.5 31.4 94.0



#60

Dibromochloromethane

Concen: 58.372 ug/l

RT: 10.914 min Scan# 1508

Delta R.T. 0.000 min

Lab File: VY020262.D

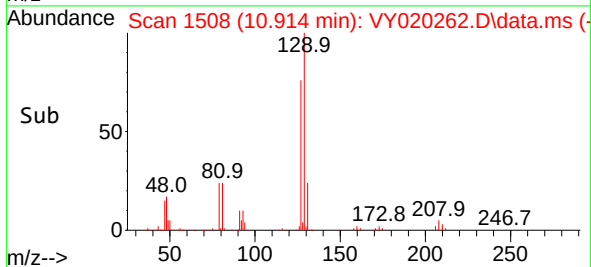
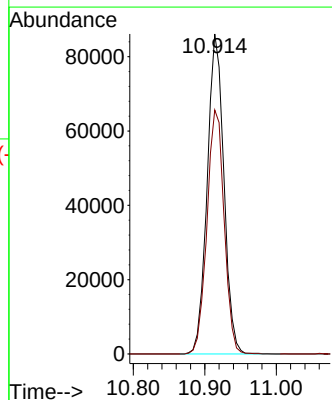
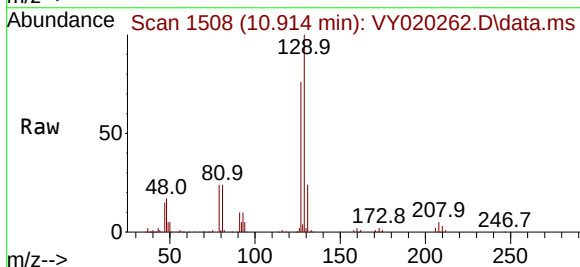
Acq: 12 Nov 2024 11:36

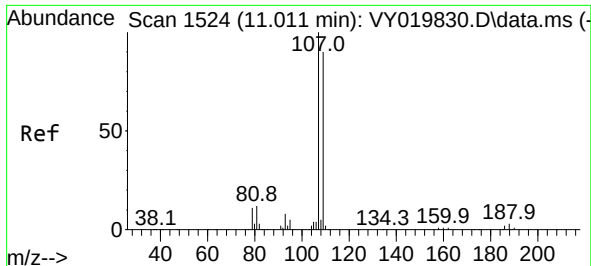
Tgt Ion: 129 Resp: 139435

Ion Ratio Lower Upper

129 100

127 78.5 39.0 117.0

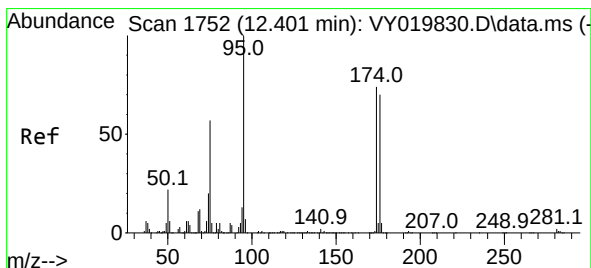
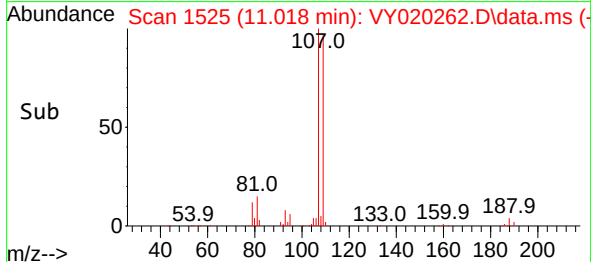
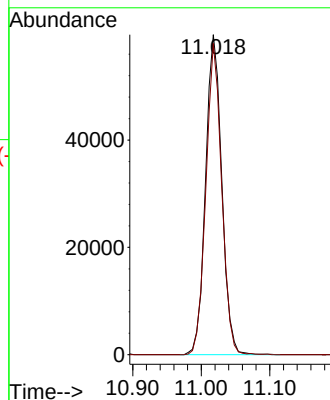
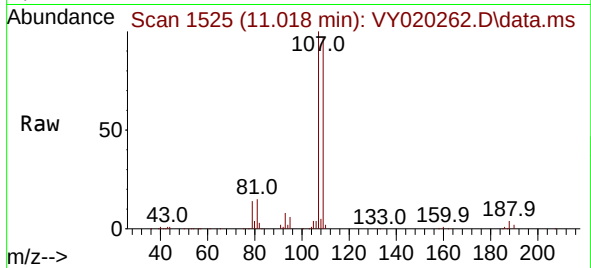




#61
1,2-Dibromoethane
Concen: 56.316 ug/l
RT: 11.018 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY020262.D
Acq: 12 Nov 2024 11:36

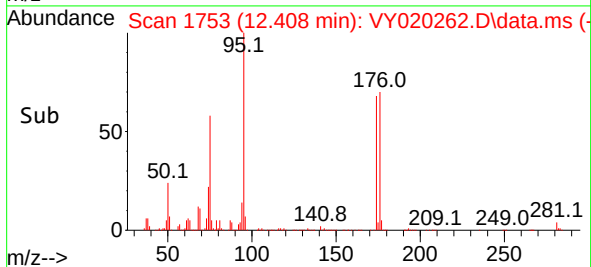
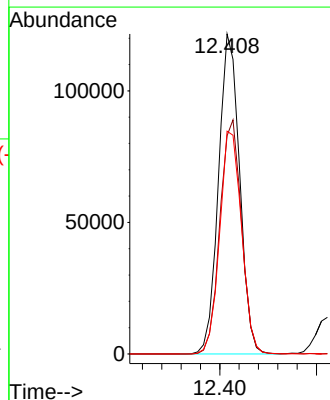
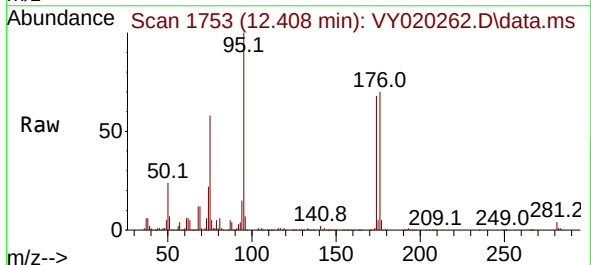
Instrument :
MSVOA_Y
ClientSampleId :

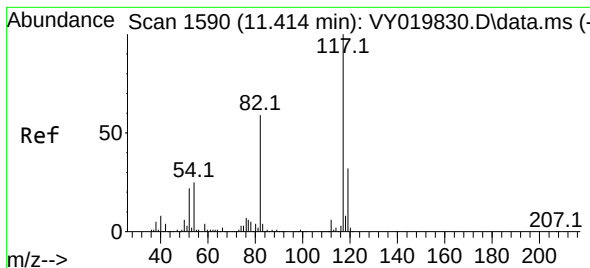
Tgt Ion:107 Resp: 98047
Ion Ratio Lower Upper
107 100
109 94.9 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 55.144 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY020262.D
Acq: 12 Nov 2024 11:36

Tgt Ion: 95 Resp: 183832
Ion Ratio Lower Upper
95 100
174 74.5 0.0 175.6
176 72.2 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY020262.D

Acq: 12 Nov 2024 11:36

Instrument :

MSVOA_Y

ClientSampleId :

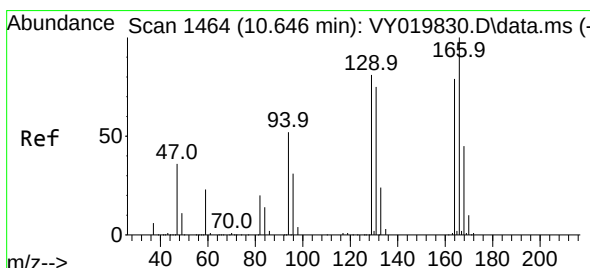
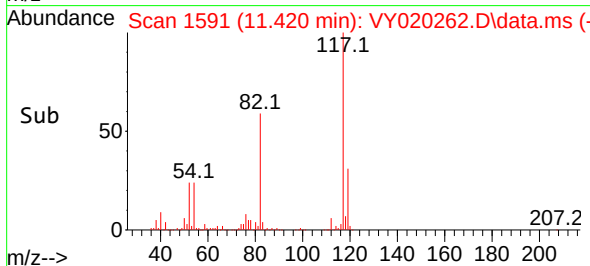
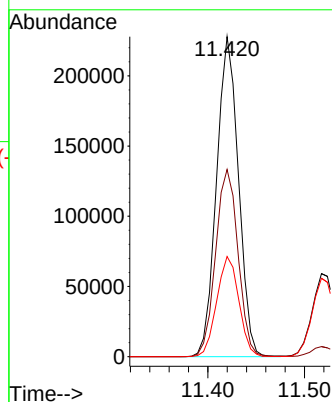
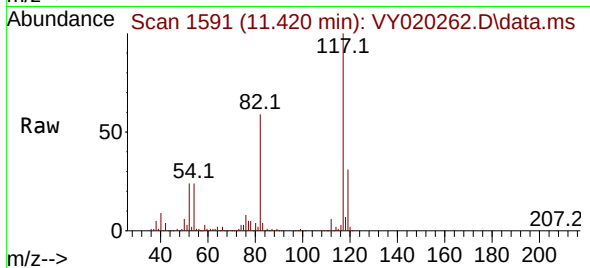
Tgt Ion:117 Resp: 358730

Ion Ratio Lower Upper

117 100

82 58.5 42.4 63.6

119 31.3 25.9 38.9



#64

Tetrachloroethene

Concen: 53.048 ug/l

RT: 10.652 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VY020262.D

Acq: 12 Nov 2024 11:36

Tgt Ion:164 Resp: 125649

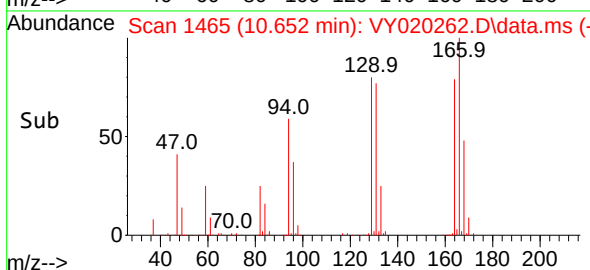
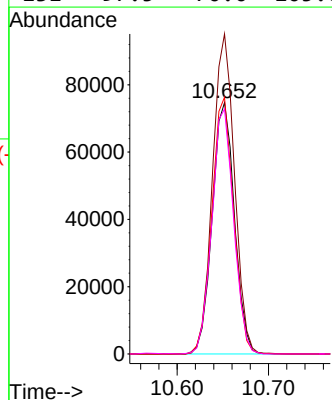
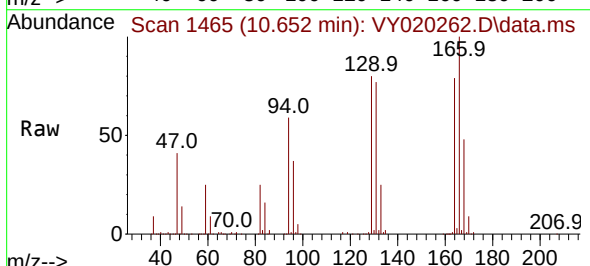
Ion Ratio Lower Upper

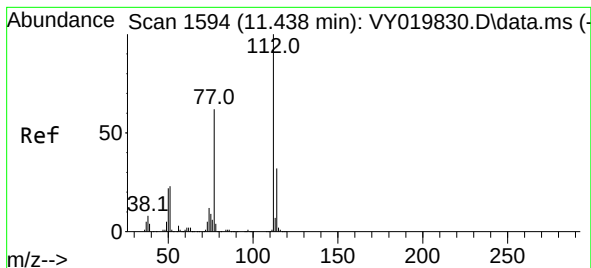
164 100

166 127.3 102.6 154.0

129 102.2 72.0 108.0

131 97.5 70.0 105.0





#65

Chlorobenzene

Concen: 54.177 ug/l

RT: 11.444 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY020262.D

Acq: 12 Nov 2024 11:36

Instrument :

MSVOA_Y

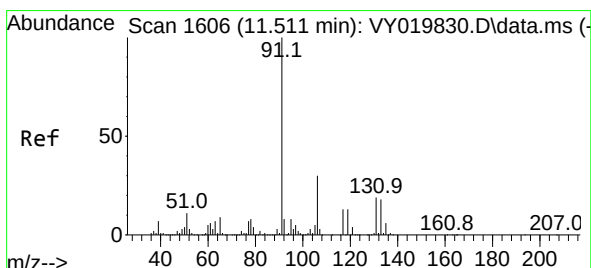
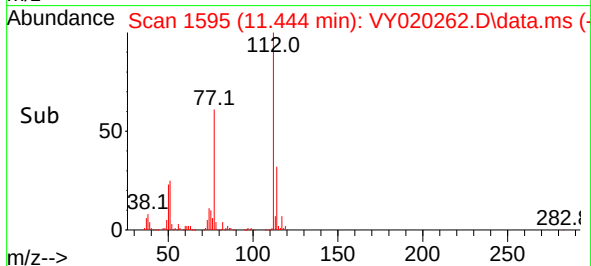
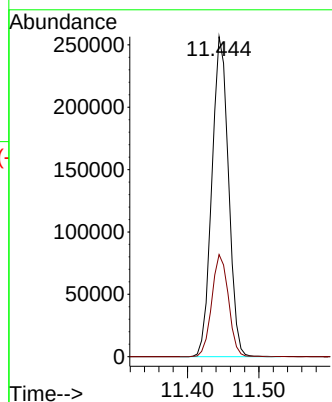
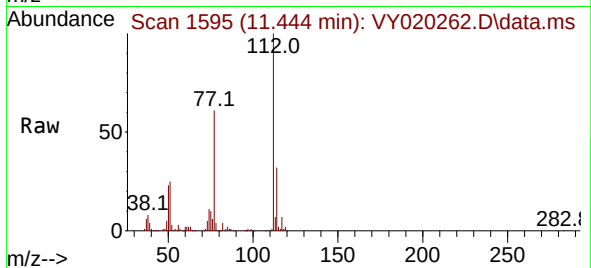
ClientSampleId :

Tgt Ion:112 Resp: 414112

Ion Ratio Lower Upper

112 100

114 31.9 26.4 39.6



#66

1,1,1,2-Tetrachloroethane

Concen: 56.975 ug/l

RT: 11.524 min Scan# 1608

Delta R.T. 0.006 min

Lab File: VY020262.D

Acq: 12 Nov 2024 11:36

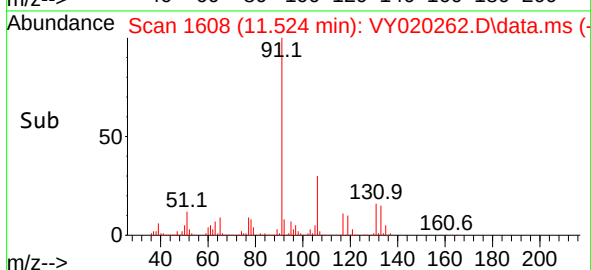
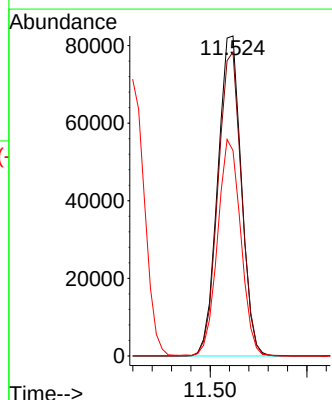
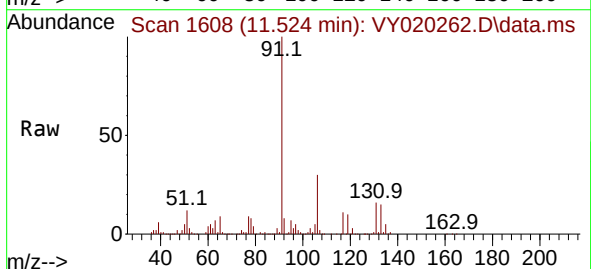
Tgt Ion:131 Resp: 139138

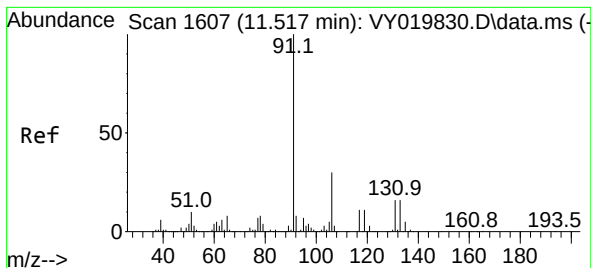
Ion Ratio Lower Upper

131 100

133 94.9 47.8 143.3

119 66.7 34.1 102.2





#67

Ethyl Benzene

Concen: 53.917 ug/l

RT: 11.524 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020262.D

Acq: 12 Nov 2024 11:36

Instrument :

MSVOA_Y

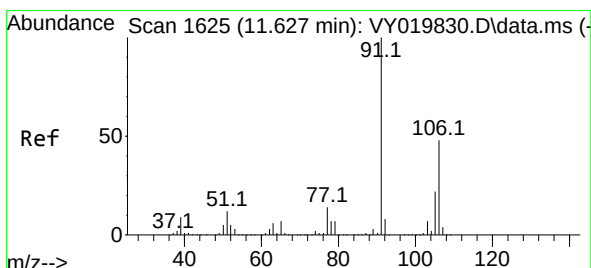
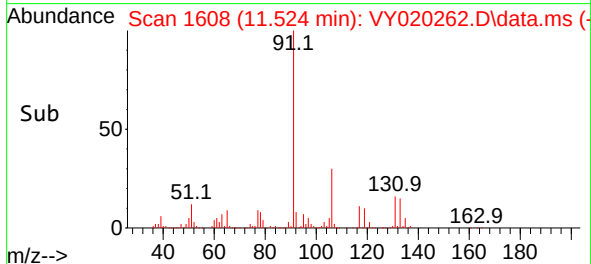
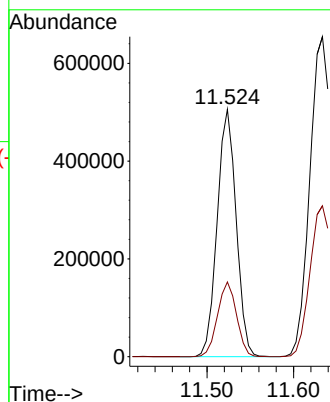
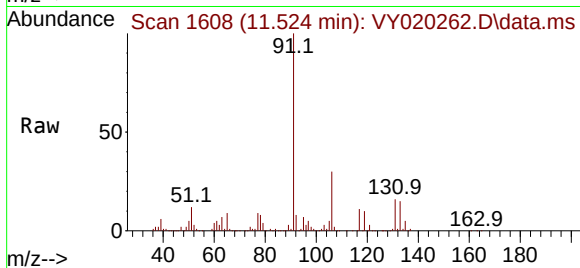
ClientSampleId :

Tgt Ion: 91 Resp: 770392

Ion Ratio Lower Upper

91 100

106 30.2 24.5 36.7



#68

m/p-Xylenes

Concen: 108.142 ug/l

RT: 11.633 min Scan# 1626

Delta R.T. 0.000 min

Lab File: VY020262.D

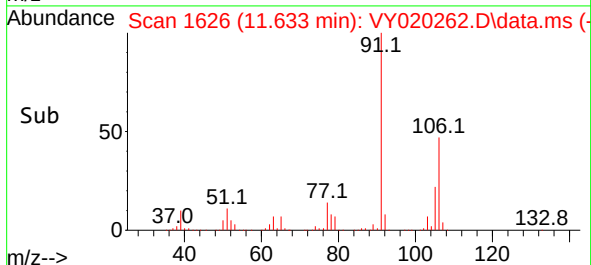
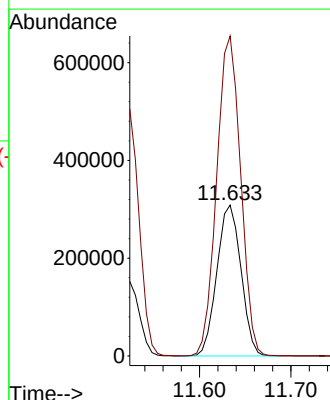
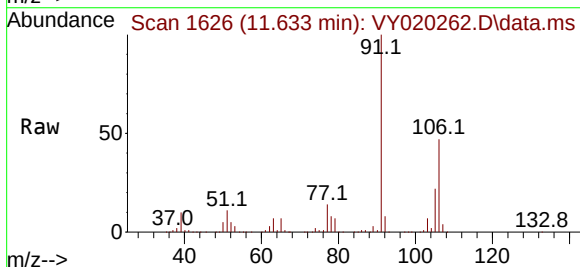
Acq: 12 Nov 2024 11:36

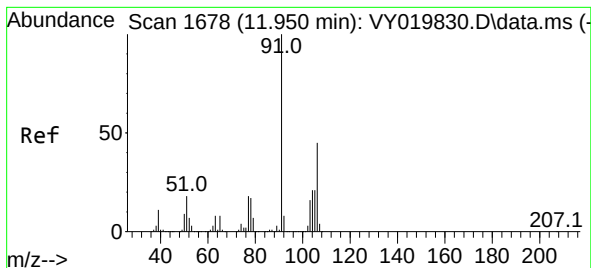
Tgt Ion:106 Resp: 565331

Ion Ratio Lower Upper

106 100

91 211.0 156.0 234.0





#69

o-Xylene

Concen: 55.607 ug/l

RT: 11.956 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020262.D

Acq: 12 Nov 2024 11:36

Instrument :

MSVOA_Y

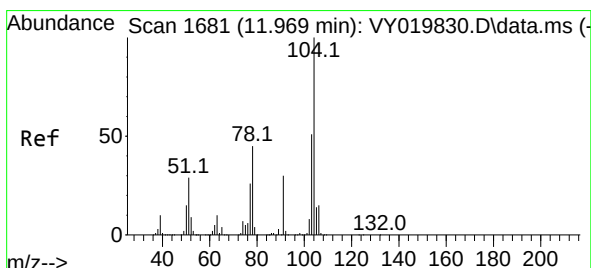
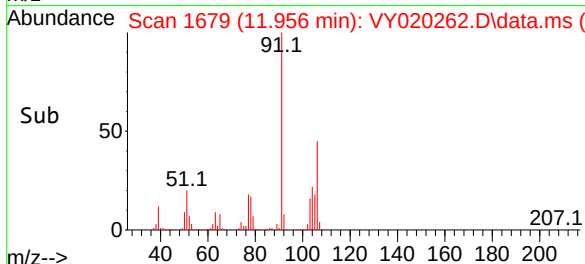
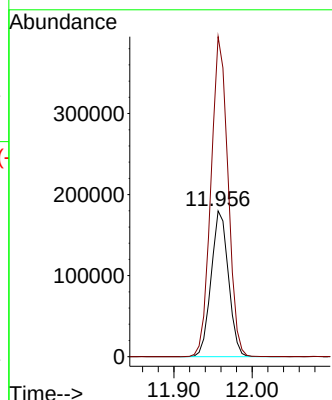
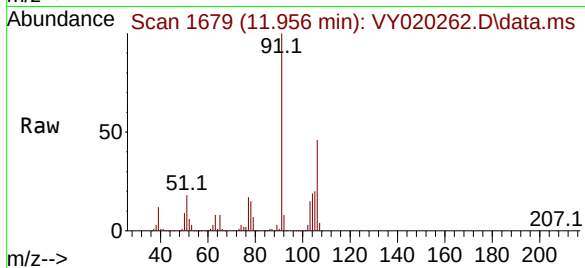
ClientSampleId :

Tgt Ion:106 Resp: 275219

Ion Ratio Lower Upper

106 100

91 216.6 103.6 310.8



#70

Styrene

Concen: 56.887 ug/l

RT: 11.975 min Scan# 1682

Delta R.T. 0.006 min

Lab File: VY020262.D

Acq: 12 Nov 2024 11:36

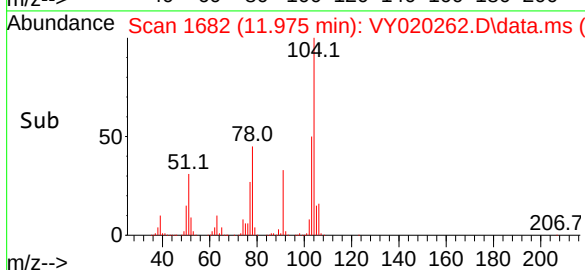
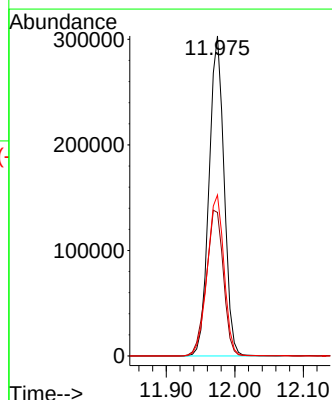
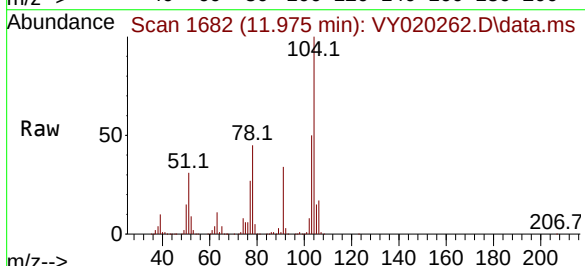
Tgt Ion:104 Resp: 465532

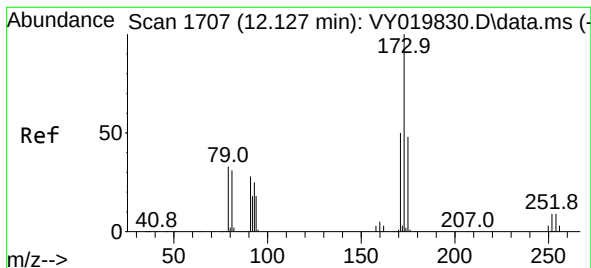
Ion Ratio Lower Upper

104 100

78 51.9 37.0 55.4

103 55.6 44.2 66.2





#71

Bromoform

Concen: 59.571 ug/l

RT: 12.133 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020262.D

Acq: 12 Nov 2024 11:36

Instrument :

MSVOA_Y

ClientSampleId :

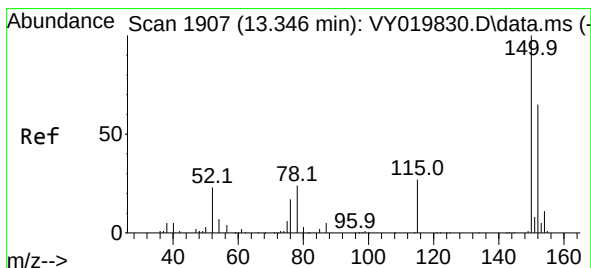
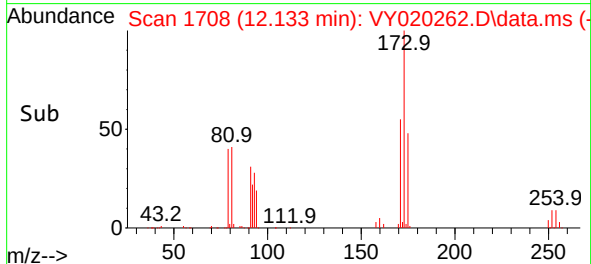
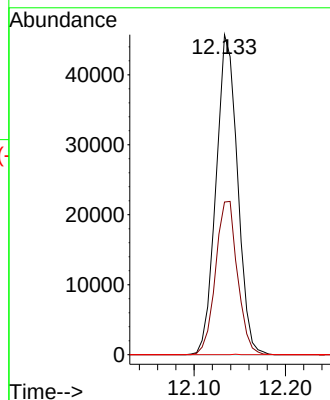
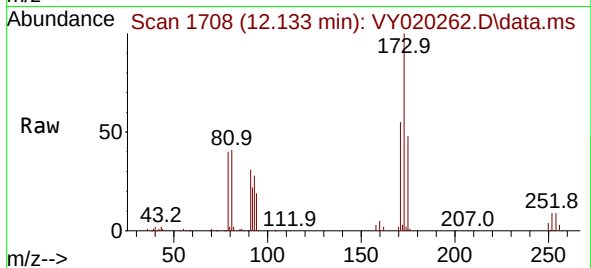
Tgt Ion:173 Resp: 74633

Ion Ratio Lower Upper

173 100

175 49.0 25.1 75.3

254 0.0 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.352 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VY020262.D

Acq: 12 Nov 2024 11:36

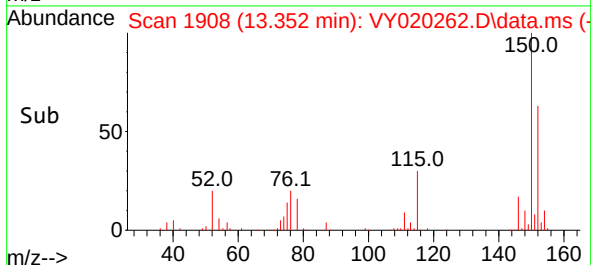
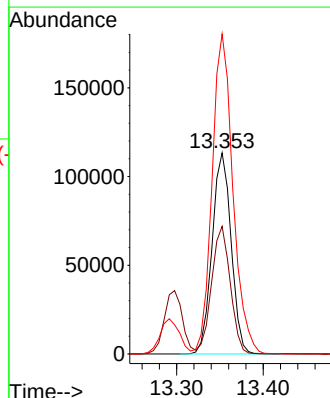
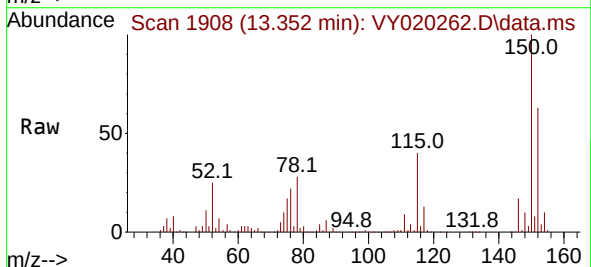
Tgt Ion:152 Resp: 172869

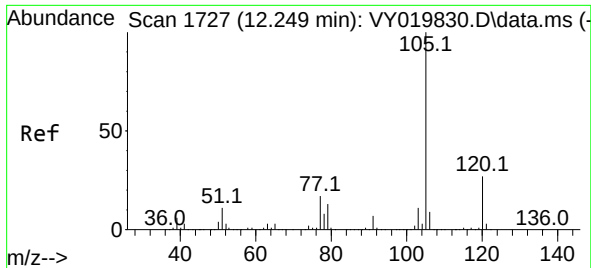
Ion Ratio Lower Upper

152 100

115 62.3 28.2 84.7

150 174.4 0.0 345.6

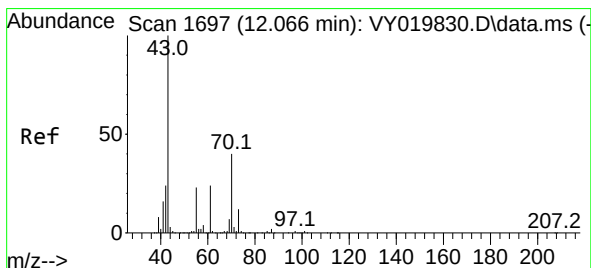
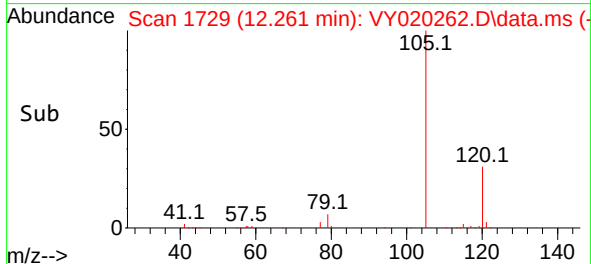
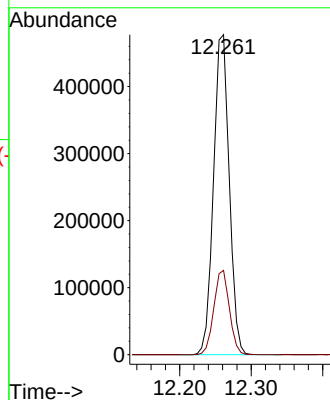
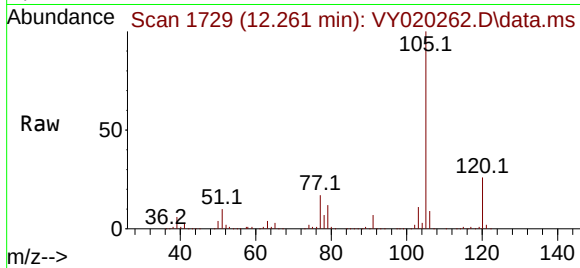




#73
Isopropylbenzene
Concen: 52.739 ug/l
RT: 12.261 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY020262.D
Acq: 12 Nov 2024 11:36

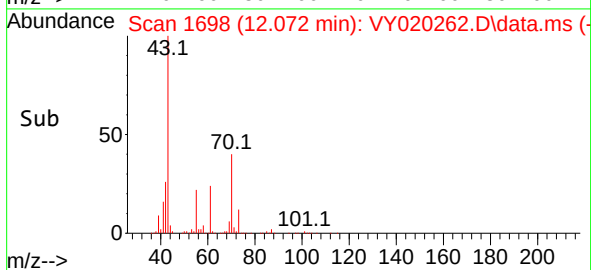
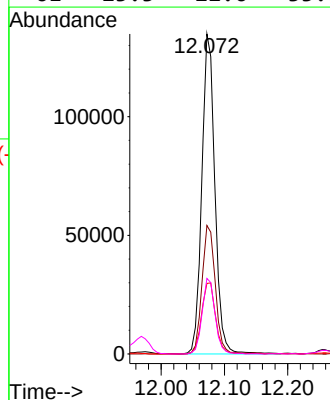
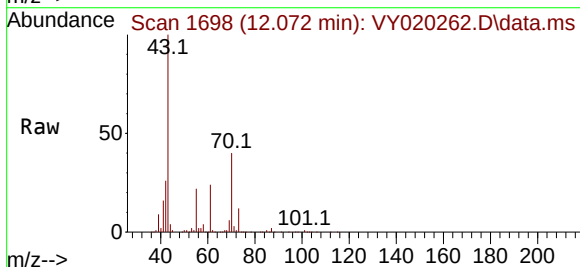
Instrument :
MSVOA_Y
ClientSampleId :

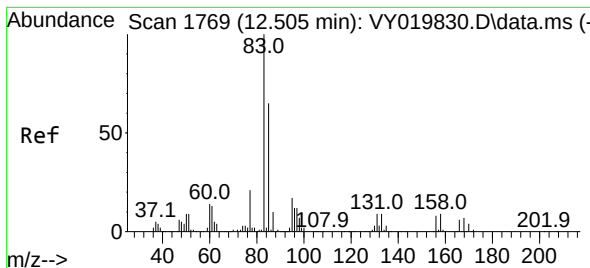
Tgt Ion:105 Resp: 728314
Ion Ratio Lower Upper
105 100
120 26.0 13.4 40.1



#74
N-ethyl acetate
Concen: 56.479 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY020262.D
Acq: 12 Nov 2024 11:36

Tgt Ion: 43 Resp: 194966
Ion Ratio Lower Upper
43 100
70 40.9 41.4 62.2#
55 23.9 23.3 34.9
61 23.3 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 54.616 ug/l

RT: 12.511 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY020262.D

Acq: 12 Nov 2024 11:36

Instrument :

MSVOA_Y

ClientSampleId :

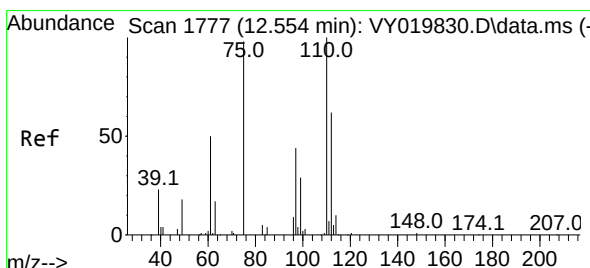
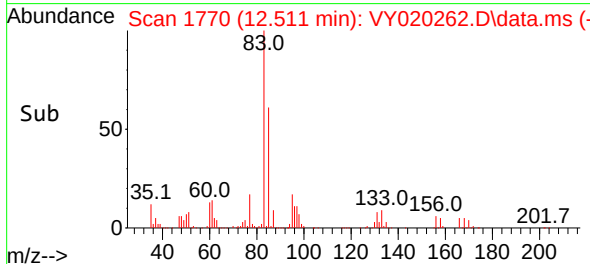
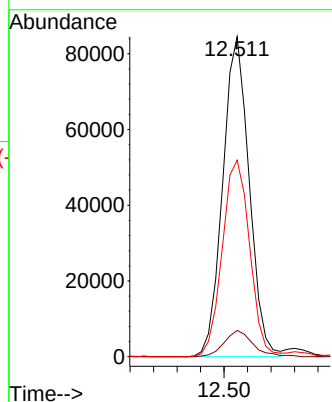
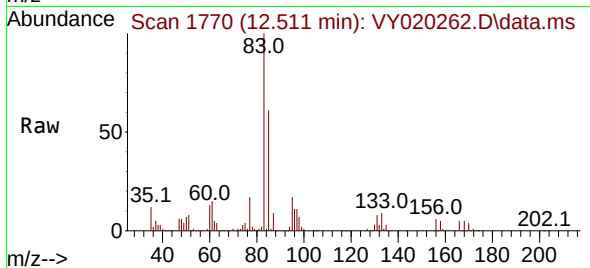
Tgt Ion: 83 Resp: 131906

Ion Ratio Lower Upper

83 100

131 8.9 5.0 14.9

85 63.6 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 107.215 ug/l

RT: 12.560 min Scan# 1778

Delta R.T. 0.000 min

Lab File: VY020262.D

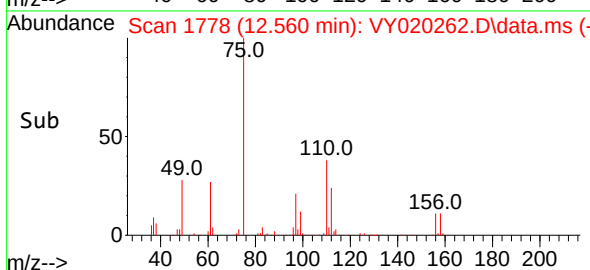
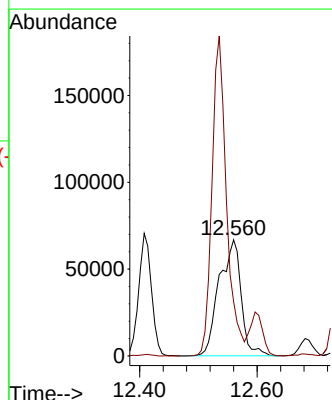
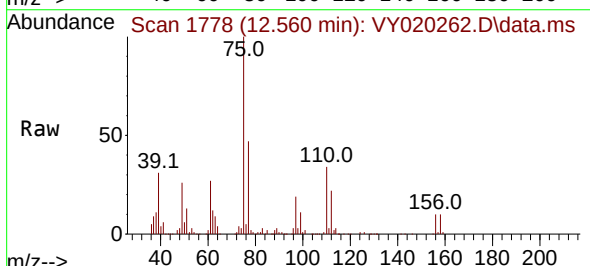
Acq: 12 Nov 2024 11:36

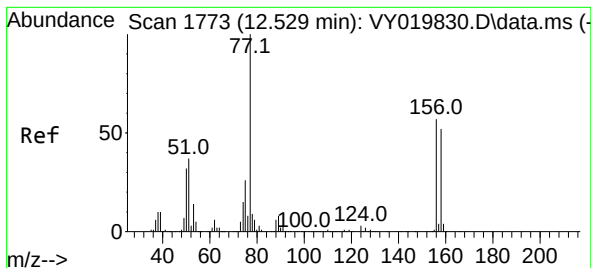
Tgt Ion: 75 Resp: 173738

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 54.500 ug/l

RT: 12.536 min Scan# 1774

Delta R.T. 0.000 min

Lab File: VY020262.D

Acq: 12 Nov 2024 11:36

Instrument :

MSVOA_Y

ClientSampleId :

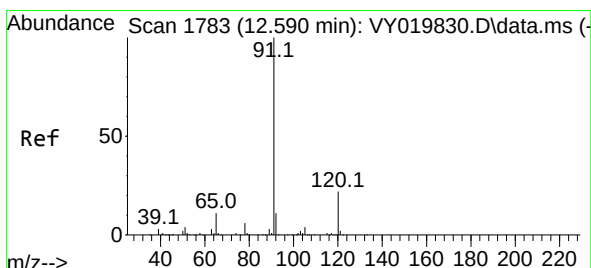
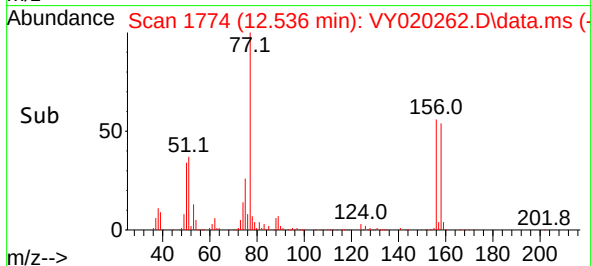
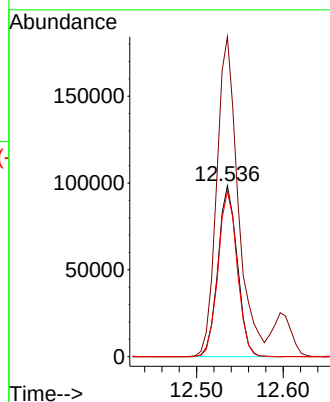
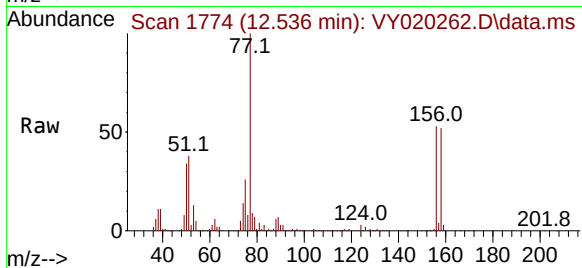
Tgt Ion:156 Resp: 152211

Ion Ratio Lower Upper

156 100

77 208.1 87.1 261.3

158 95.9 48.6 145.9



#78

n-propylbenzene

Concen: 52.850 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY020262.D

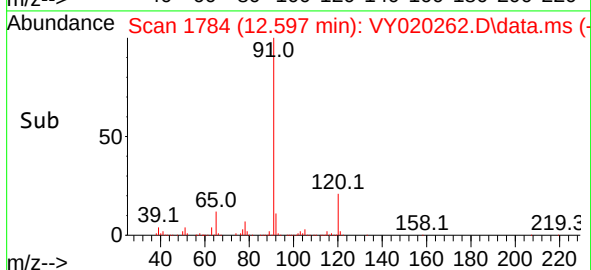
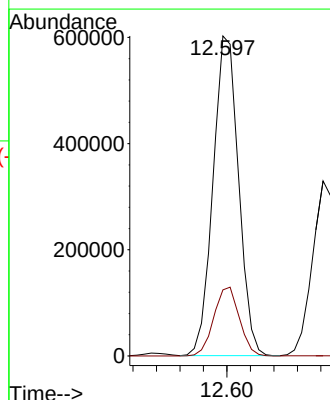
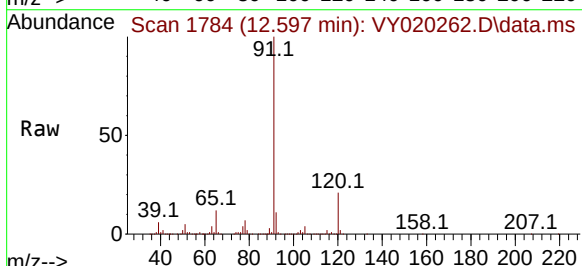
Acq: 12 Nov 2024 11:36

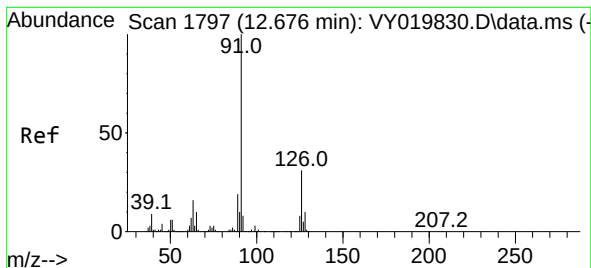
Tgt Ion: 91 Resp: 908328

Ion Ratio Lower Upper

91 100

120 21.5 11.5 34.4





#79

2-Chlorotoluene

Concen: 53.102 ug/l

RT: 12.682 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY020262.D

Acq: 12 Nov 2024 11:36

Instrument :

MSVOA_Y

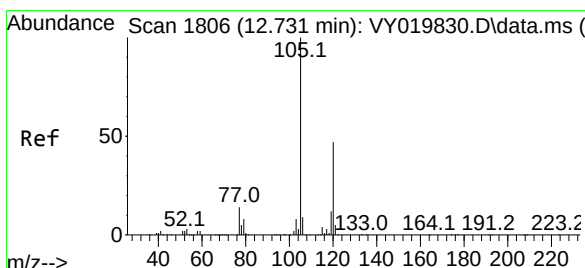
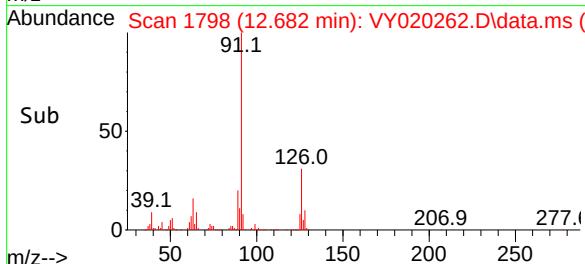
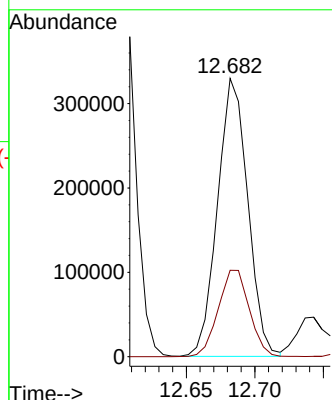
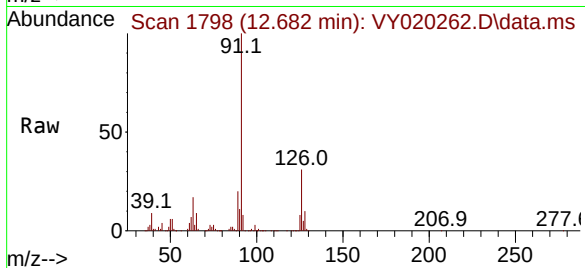
ClientSampleId :

Tgt Ion: 91 Resp: 506604

Ion Ratio Lower Upper

91 100

126 32.0 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 53.293 ug/l

RT: 12.743 min Scan# 1808

Delta R.T. 0.006 min

Lab File: VY020262.D

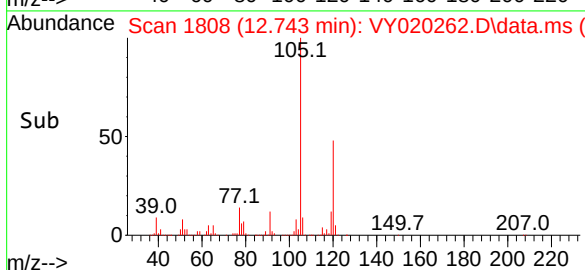
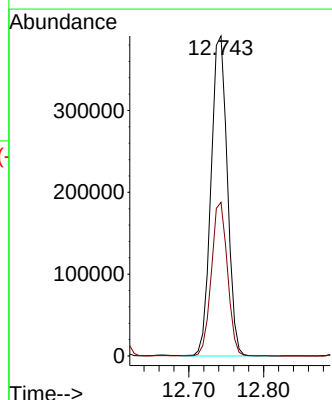
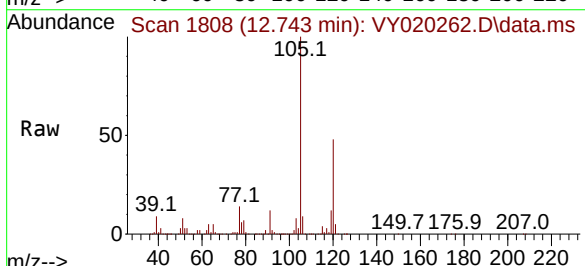
Acq: 12 Nov 2024 11:36

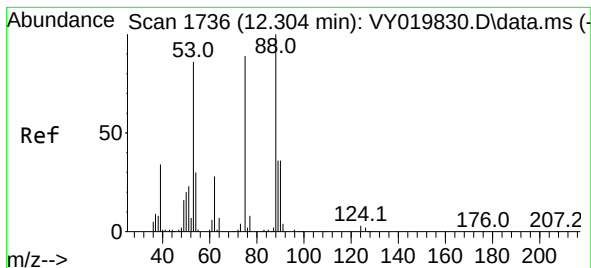
Tgt Ion:105 Resp: 590844

Ion Ratio Lower Upper

105 100

120 47.5 25.1 75.2

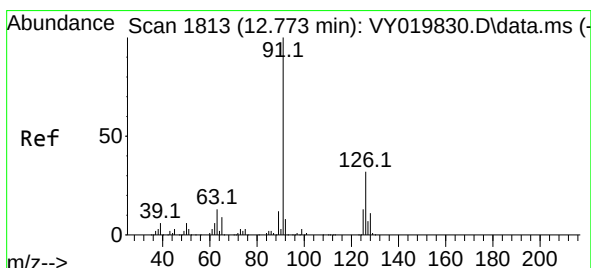
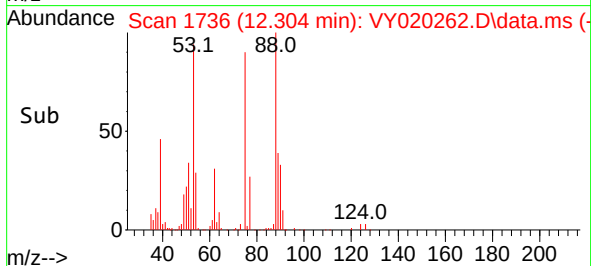
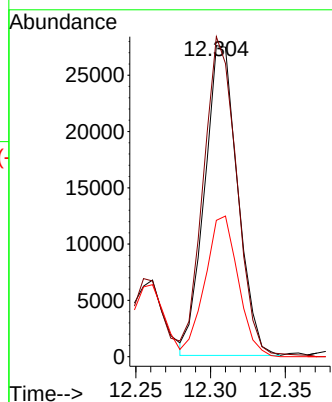
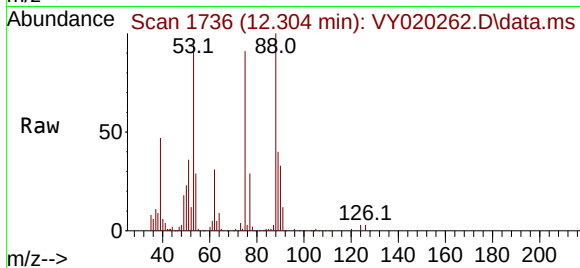




#81
trans-1,4-Dichloro-2-butene
Concen: 56.218 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY020262.D
Acq: 12 Nov 2024 11:36

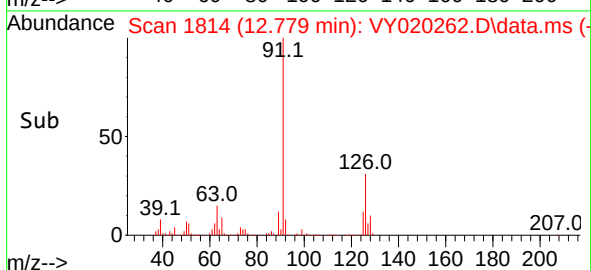
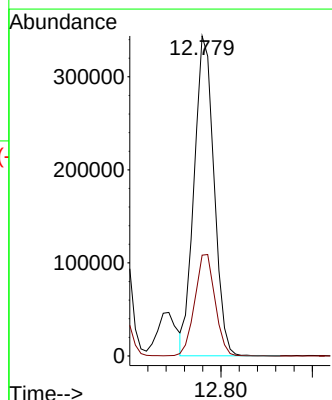
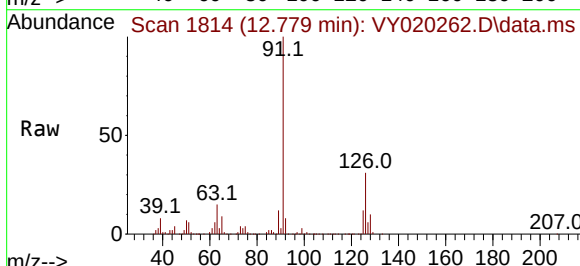
Instrument :
MSVOA_Y
ClientSampleId :

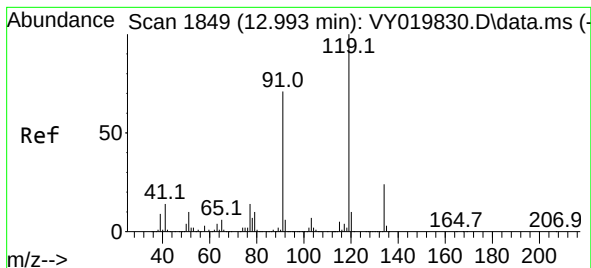
Tgt Ion: 75 Resp: 42353
Ion Ratio Lower Upper
75 100
53 104.0 66.8 100.2#
89 45.7 35.8 53.6



#82
4-Chlorotoluene
Concen: 53.279 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY020262.D
Acq: 12 Nov 2024 11:36

Tgt Ion: 91 Resp: 518258
Ion Ratio Lower Upper
91 100
126 32.6 17.6 52.9





#83

tert-Butylbenzene

Concen: 55.645 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.000 min

Lab File: VY020262.D

Acq: 12 Nov 2024 11:36

Instrument :

MSVOA_Y

ClientSampleId :

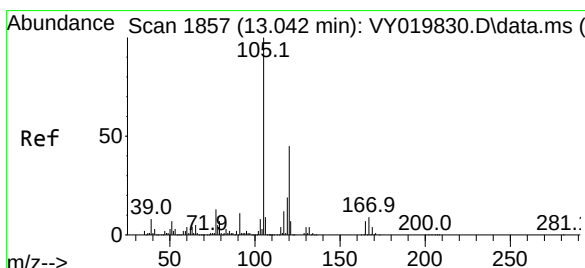
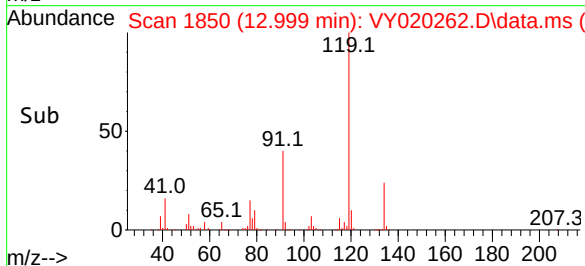
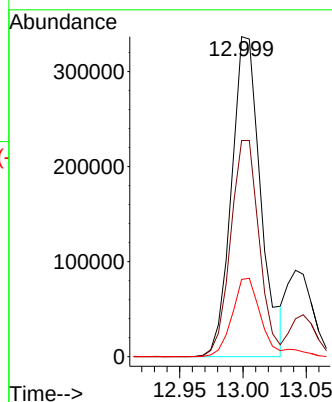
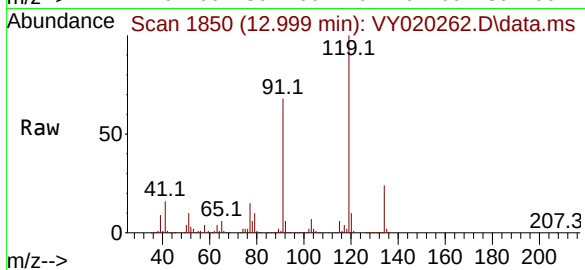
Tgt Ion:119 Resp: 539460

Ion Ratio Lower Upper

119 100

91 66.3 31.3 93.8

134 25.3 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 53.857 ug/l

RT: 13.048 min Scan# 1858

Delta R.T. 0.000 min

Lab File: VY020262.D

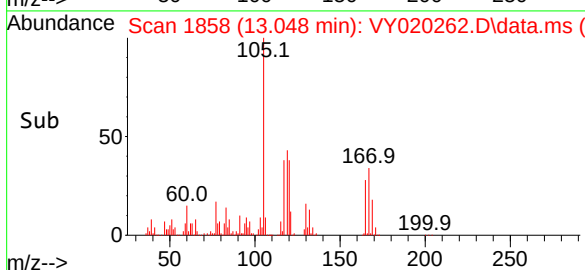
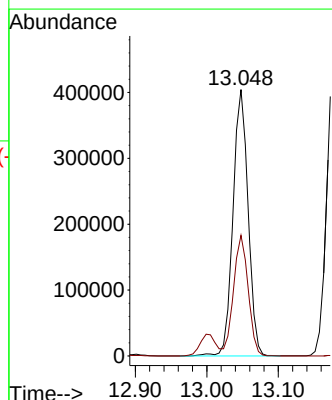
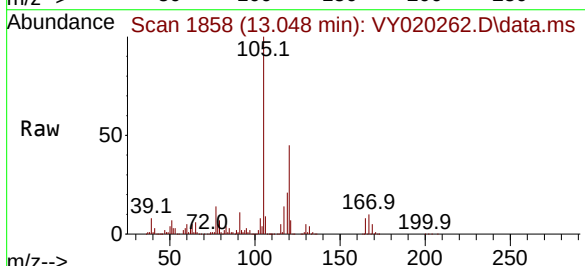
Acq: 12 Nov 2024 11:36

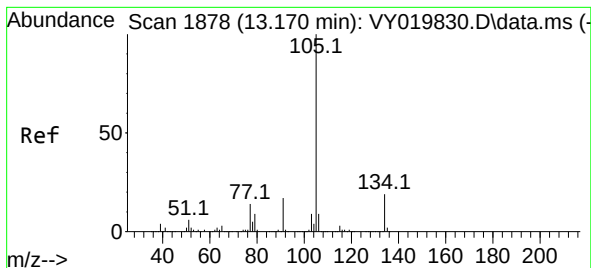
Tgt Ion:105 Resp: 591417

Ion Ratio Lower Upper

105 100

120 43.7 23.2 69.6





#85

sec-Butylbenzene

Concen: 53.253 ug/l

RT: 13.182 min Scan# 1880

Delta R.T. 0.006 min

Lab File: VY020262.D

Acq: 12 Nov 2024 11:36

Instrument :

MSVOA_Y

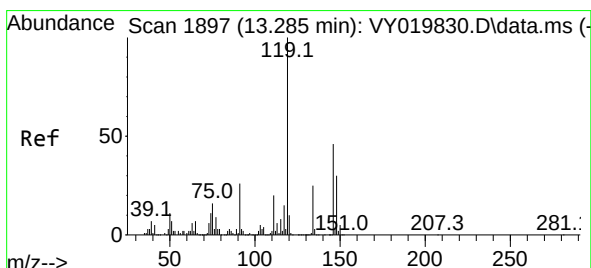
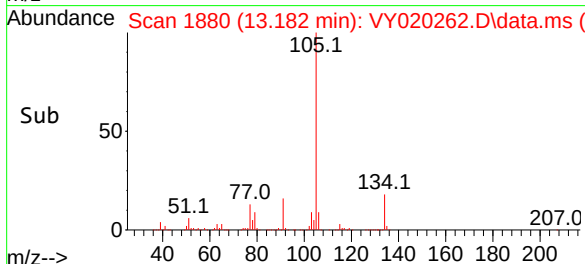
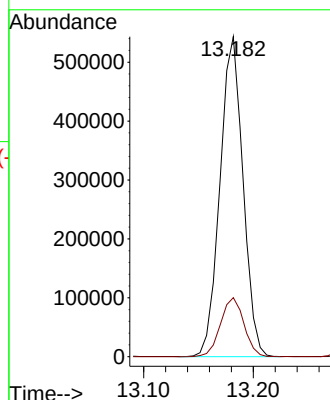
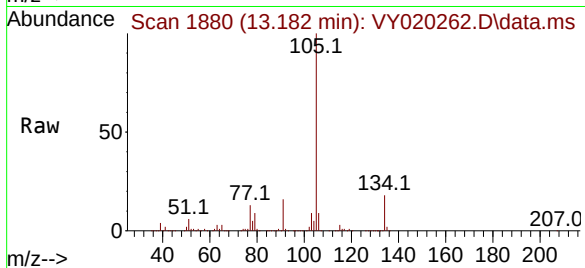
ClientSampleId :

Tgt Ion:105 Resp: 792561

Ion Ratio Lower Upper

105 100

134 18.8 10.1 30.1



#86

p-Isopropyltoluene

Concen: 53.663 ug/l

RT: 13.298 min Scan# 1899

Delta R.T. 0.006 min

Lab File: VY020262.D

Acq: 12 Nov 2024 11:36

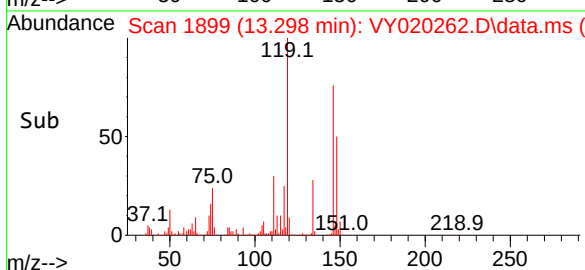
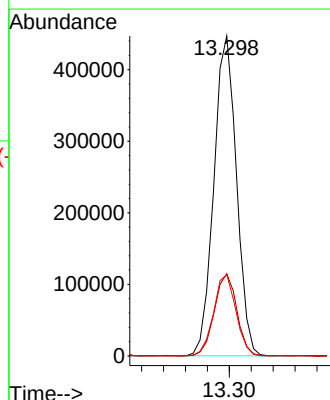
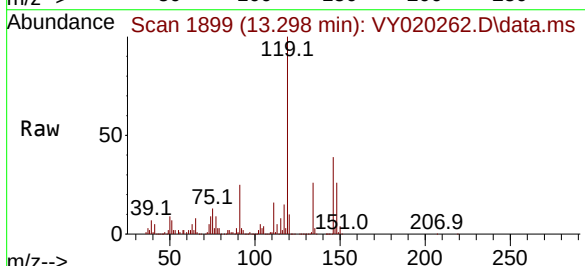
Tgt Ion:119 Resp: 640904

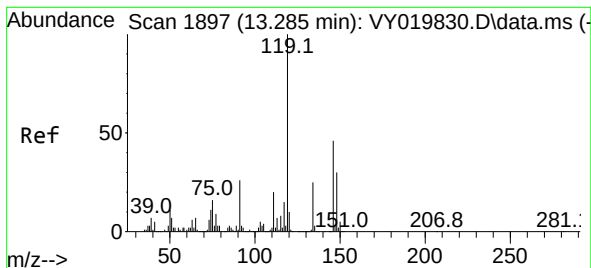
Ion Ratio Lower Upper

119 100

134 25.5 13.1 39.3

91 25.1 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 53.903 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY020262.D

Acq: 12 Nov 2024 11:36

Instrument :

MSVOA_Y

ClientSampleId :

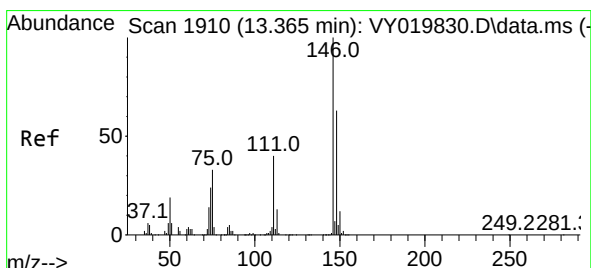
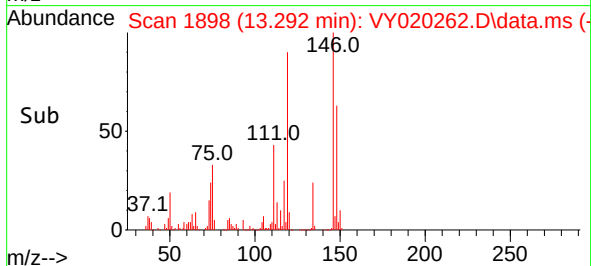
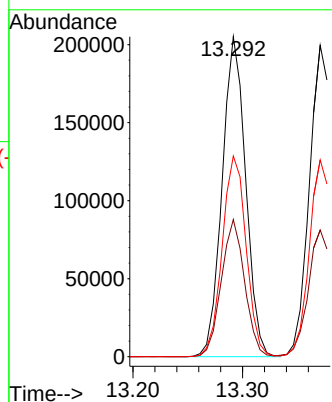
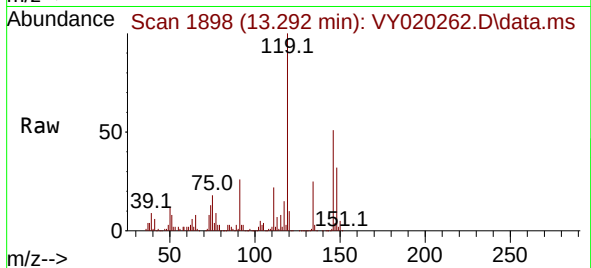
Tgt Ion:146 Resp: 305829

Ion Ratio Lower Upper

146 100

111 42.5 19.0 57.0

148 63.8 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 53.739 ug/l

RT: 13.371 min Scan# 1911

Delta R.T. 0.000 min

Lab File: VY020262.D

Acq: 12 Nov 2024 11:36

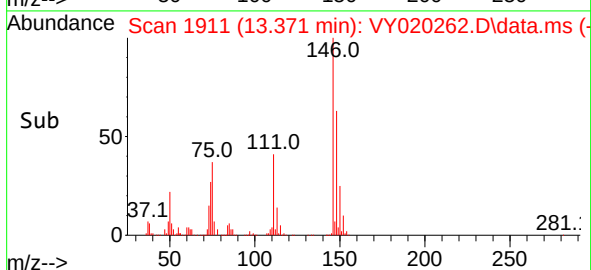
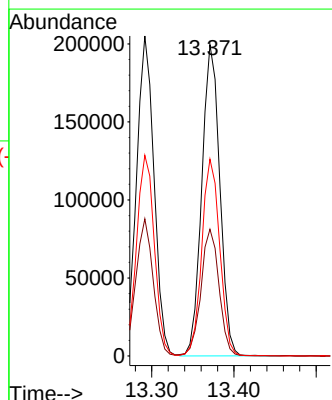
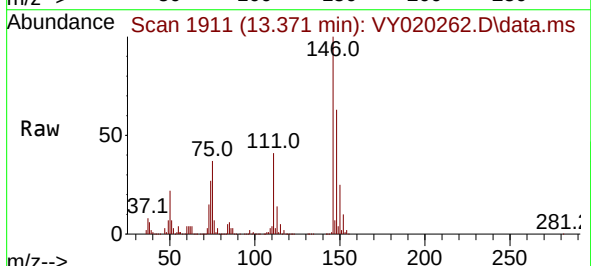
Tgt Ion:146 Resp: 303635

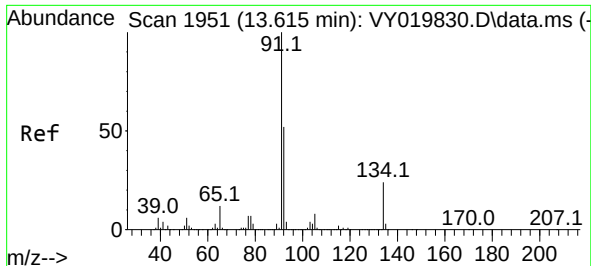
Ion Ratio Lower Upper

146 100

111 40.8 18.4 55.4

148 62.8 32.4 97.2





#89

n-Butylbenzene

Concen: 53.166 ug/l

RT: 13.621 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VY020262.D

Acq: 12 Nov 2024 11:36

Instrument :

MSVOA_Y

ClientSampleId :

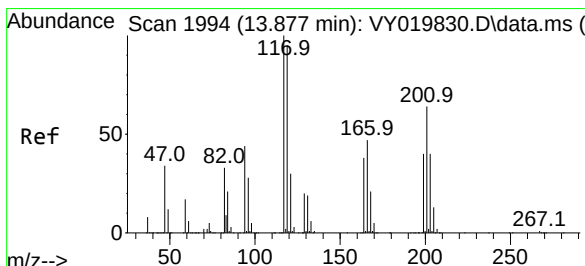
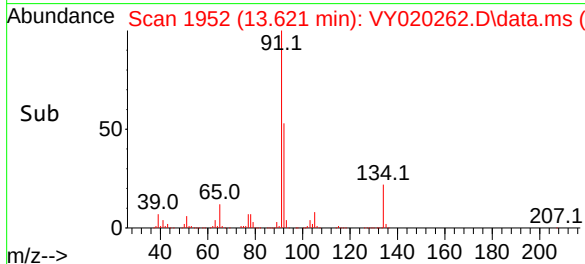
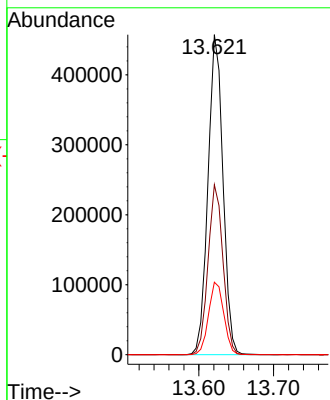
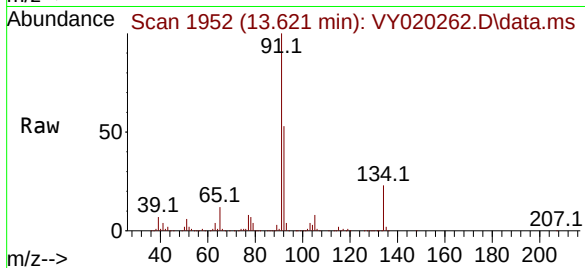
Tgt Ion: 91 Resp: 636507

Ion Ratio Lower Upper

91 100

92 52.8 26.6 79.7

134 23.1 12.9 38.7



#90

Hexachloroethane

Concen: 53.553 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.000 min

Lab File: VY020262.D

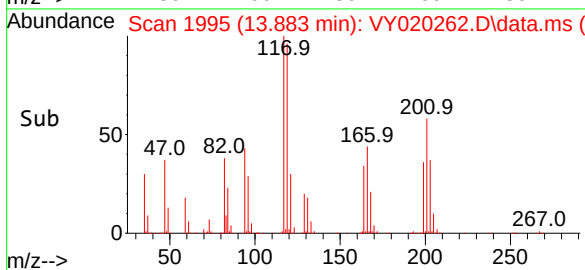
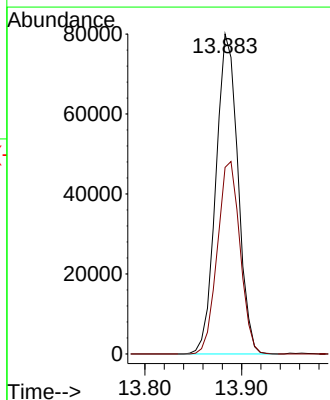
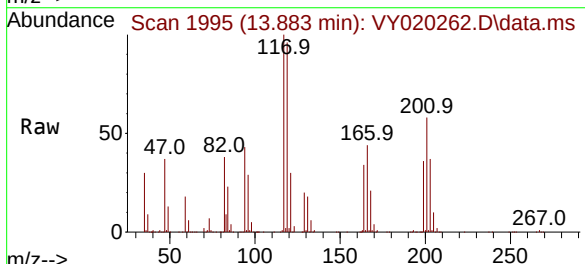
Acq: 12 Nov 2024 11:36

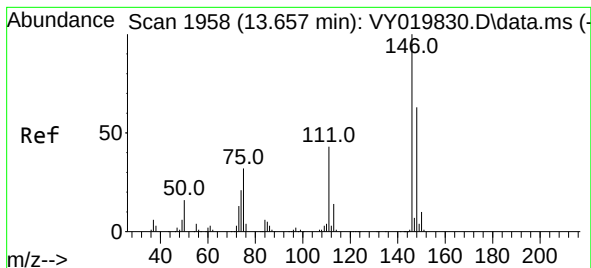
Tgt Ion: 117 Resp: 126488

Ion Ratio Lower Upper

117 100

201 61.8 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 54.390 ug/l

RT: 13.663 min Scan# 1958

Delta R.T. 0.006 min

Lab File: VY020262.D

Acq: 12 Nov 2024 11:36

Instrument :

MSVOA_Y

ClientSampleId :

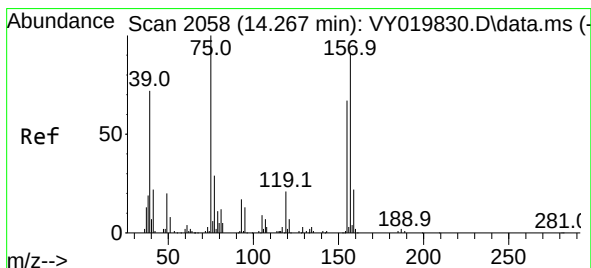
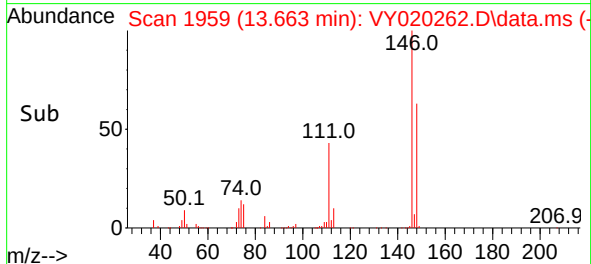
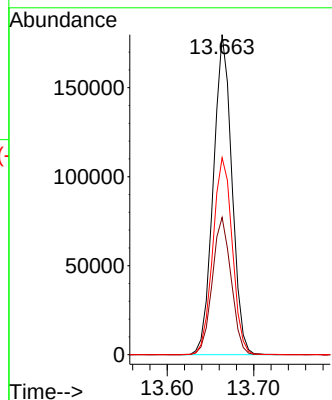
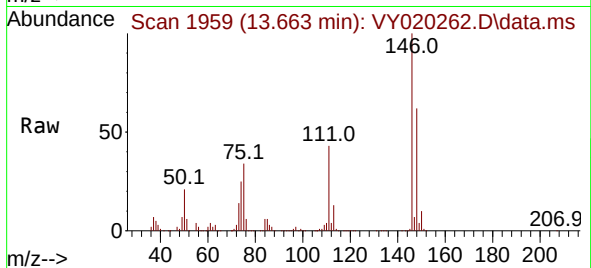
Tgt Ion:146 Resp: 268234

Ion Ratio Lower Upper

146 100

111 43.4 19.9 59.7

148 64.2 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 55.904 ug/l

RT: 14.279 min Scan# 2060

Delta R.T. 0.006 min

Lab File: VY020262.D

Acq: 12 Nov 2024 11:36

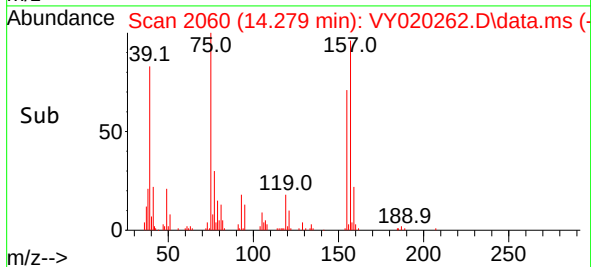
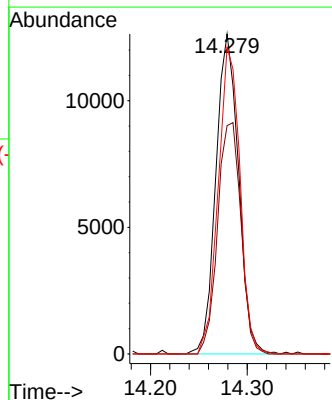
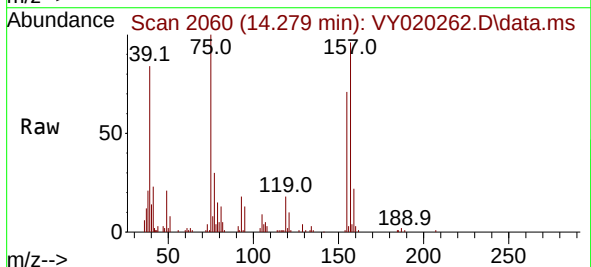
Tgt Ion: 75 Resp: 20476

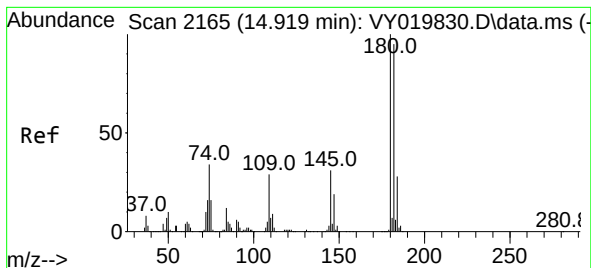
Ion Ratio Lower Upper

75 100

155 74.5 48.6 145.8

157 92.0 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 52.698 ug/l

RT: 14.925 min Scan# 2166

Delta R.T. 0.006 min

Lab File: VY020262.D

Acq: 12 Nov 2024 11:36

Instrument :

MSVOA_Y

ClientSampleId :

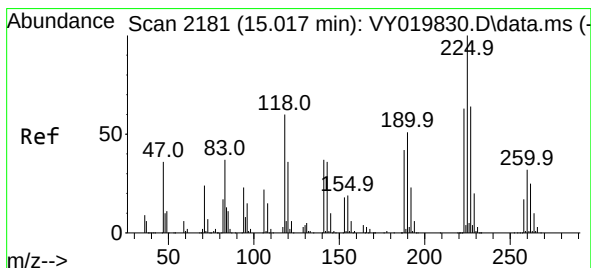
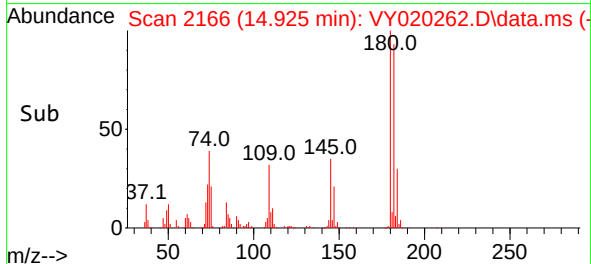
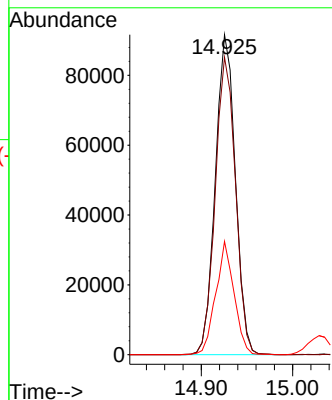
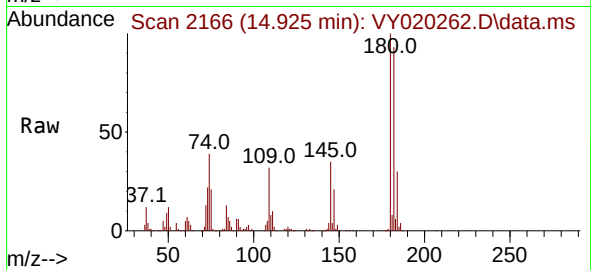
Tgt Ion:180 Resp: 139612

Ion Ratio Lower Upper

180 100

182 94.2 47.9 143.8

145 32.5 14.2 42.6



#94

Hexachlorobutadiene

Concen: 49.684 ug/l

RT: 15.029 min Scan# 2183

Delta R.T. 0.006 min

Lab File: VY020262.D

Acq: 12 Nov 2024 11:36

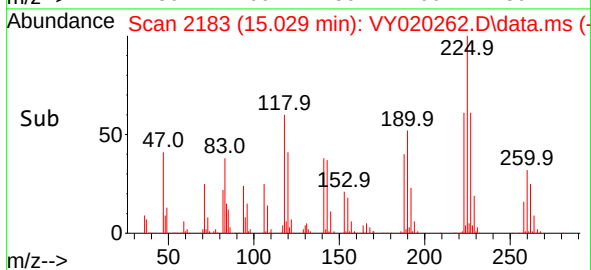
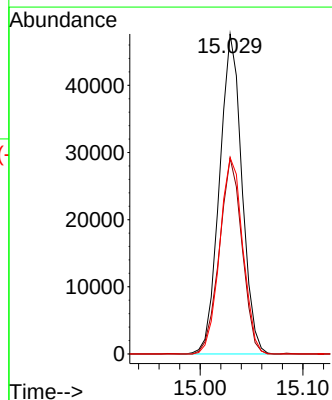
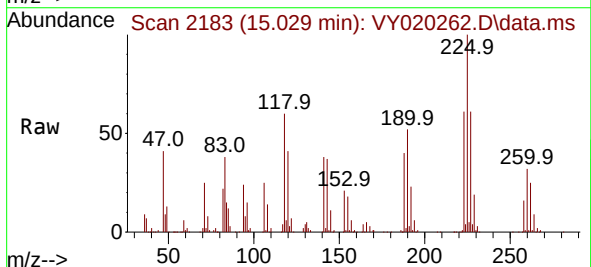
Tgt Ion:225 Resp: 71976

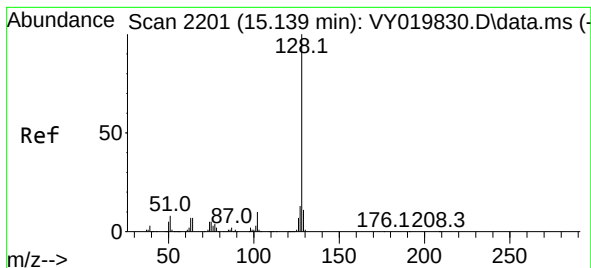
Ion Ratio Lower Upper

225 100

223 61.8 30.4 91.2

227 63.2 31.9 95.9





#95

Naphthalene

Concen: 56.223 ug/l

RT: 15.151 min Scan# 2203

Delta R.T. 0.006 min

Lab File: VY020262.D

Acq: 12 Nov 2024 11:36

Instrument :

MSVOA_Y

ClientSampleId :

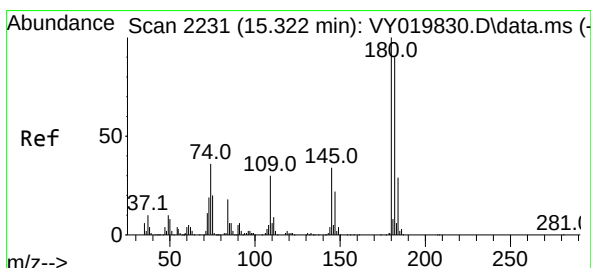
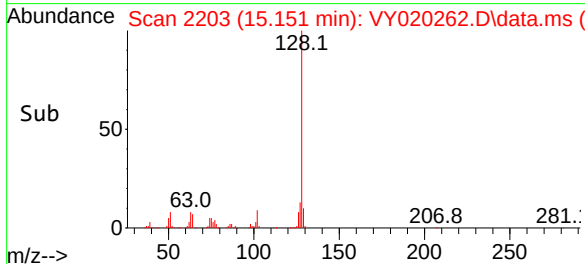
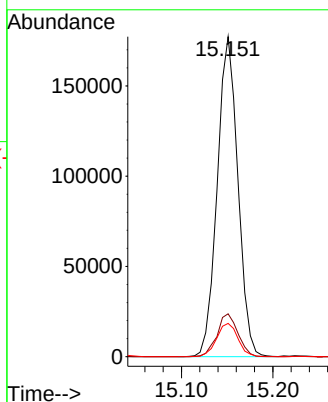
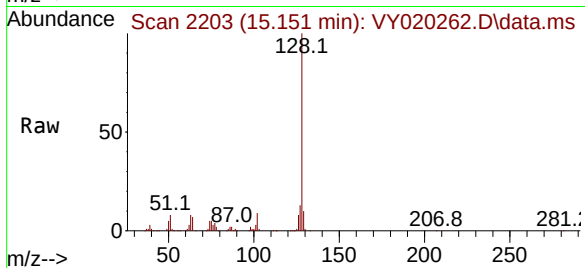
Tgt Ion:128 Resp: 278431

Ion Ratio Lower Upper

128 100

127 13.6 10.6 16.0

129 10.7 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 51.792 ug/l

RT: 15.334 min Scan# 2233

Delta R.T. 0.006 min

Lab File: VY020262.D

Acq: 12 Nov 2024 11:36

Tgt Ion:180 Resp: 116474

Ion Ratio Lower Upper

180 100

182 97.1 47.6 142.9

145 34.5 15.4 46.1

