

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110424\
 Data File : VY020135.D
 Acq On : 04 Nov 2024 11:38
 Operator : SY/MD
 Sample : VY1104SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 05 00:28:23 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	236479	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.622	114	424679	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	362446	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	165041	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	161147	54.600	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.200%	
35) Dibromofluoromethane	7.640	113	148005	54.815	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.620%	
50) Toluene-d8	10.109	98	586517	54.572	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 109.140%	
62) 4-Bromofluorobenzene	12.408	95	188732	54.063	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 108.120%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.867	85	44392	20.279	ug/l	97
3) Chloromethane	2.074	50	73322	20.221	ug/l	98
4) Vinyl Chloride	2.208	62	77370	19.876	ug/l	95
5) Bromomethane	2.598	94	51478	19.919	ug/l	96
6) Chloroethane	2.745	64	50947	20.280	ug/l	91
7) Trichlorofluoromethane	3.068	101	98347	20.682	ug/l	94
8) Diethyl Ether	3.458	74	28848	21.751	ug/l	81
9) 1,1,2-Trichlorotrifluo...	3.824	101	56299	21.108	ug/l	92
10) Methyl Iodide	4.013	142	51160	19.868	ug/l	92
11) Tert butyl alcohol	4.860	59	25514	120.181	ug/l	# 88
12) 1,1-Dichloroethene	3.799	96	53233	20.860	ug/l	85
13) Acrolein	3.659	56	24566	92.956	ug/l	100
14) Allyl chloride	4.391	41	95994	20.850	ug/l	# 89
15) Acrylonitrile	5.067	53	61451	101.787	ug/l	98
16) Acetone	3.873	43	70424	102.604	ug/l	# 78
17) Carbon Disulfide	4.116	76	174833	20.587	ug/l	99
18) Methyl Acetate	4.397	43	31235	19.396	ug/l	# 88
19) Methyl tert-butyl Ether	5.122	73	131394	20.466	ug/l	96
20) Methylene Chloride	4.629	84	57620	18.688	ug/l	# 81
21) trans-1,2-Dichloroethene	5.122	96	60234	20.929	ug/l	84
22) Diisopropyl ether	6.025	45	202010	21.143	ug/l	# 89
23) Vinyl Acetate	5.970	43	545371	101.428	ug/l	# 90
24) 1,1-Dichloroethane	5.921	63	117288	21.200	ug/l	97
25) 2-Butanone	6.896	43	90343	97.102	ug/l	# 83
26) 2,2-Dichloropropane	6.890	77	97867	21.261	ug/l	95
27) cis-1,2-Dichloroethene	6.896	96	69936	21.139	ug/l	83
28) Bromochloromethane	7.250	49	49648	19.165	ug/l	# 71
29) Tetrahydrofuran	7.268	42	53282	99.234	ug/l	# 82
30) Chloroform	7.427	83	114703	20.893	ug/l	98
31) Cyclohexane	7.707	56	109312	20.409	ug/l	88
32) 1,1,1-Trichloroethane	7.622	97	101664	21.211	ug/l	# 94
36) 1,1-Dichloropropene	7.841	75	87079	20.877	ug/l	93
37) Ethyl Acetate	6.994	43	38371	19.295	ug/l	95
38) Carbon Tetrachloride	7.823	117	87078	20.761	ug/l	99
39) Methylcyclohexane	9.116	83	107524	20.311	ug/l	91
40) Benzene	8.085	78	252306	20.724	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.262	41	52839	53.043	ug/l #	25
42) 1,2-Dichloroethane	8.165	62	68677	20.379	ug/l	94
43) Isopropyl Acetate	8.201	43	75840	19.832	ug/l #	77
44) Trichloroethene	8.872	130	58749	20.821	ug/l	84
45) 1,2-Dichloropropane	9.146	63	60647	20.821	ug/l	94
46) Dibromomethane	9.237	93	31422	19.909	ug/l	89
47) Bromodichloromethane	9.426	83	86606	20.946	ug/l	98
48) Methyl methacrylate	9.225	41	34567	19.515	ug/l #	82
49) 1,4-Dioxane	9.244	88	6566	404.083	ug/l #	80
51) 4-Methyl-2-Pentanone	10.000	43	192895	97.896	ug/l	89
52) Toluene	10.176	92	156716	20.882	ug/l	98
53) t-1,3-Dichloropropene	10.396	75	73163	20.039	ug/l	96
54) cis-1,3-Dichloropropene	9.859	75	89110	20.448	ug/l #	83
55) 1,1,2-Trichloroethane	10.573	97	40715	20.748	ug/l	98
56) Ethyl methacrylate	10.445	69	54864	19.491	ug/l #	73
57) 1,3-Dichloropropane	10.719	76	72805	20.259	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	127181	91.614	ug/l	92
59) 2-Hexanone	10.762	43	136265	96.462	ug/l	85
60) Dibromochloromethane	10.914	129	51296	20.507	ug/l	97
61) 1,2-Dibromoethane	11.018	107	37301	20.460	ug/l	99
64) Tetrachloroethene	10.646	164	48801	20.392	ug/l	90
65) Chlorobenzene	11.444	112	160253	20.750	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.518	131	52198	21.155	ug/l	98
67) Ethyl Benzene	11.524	91	299190	20.725	ug/l	98
68) m/p-Xylenes	11.633	106	218233	41.318	ug/l	92
69) o-Xylene	11.957	106	104040	20.805	ug/l	94
70) Styrene	11.969	104	170371	20.606	ug/l	95
71) Bromoform	12.133	173	25561	20.193	ug/l #	96
73) Isopropylbenzene	12.255	105	280340	21.263	ug/l	97
74) N-amyl acetate	12.072	43	62911	19.089	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.505	83	46794	20.294	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	59483	38.448	ug/l #	100
77) Bromobenzene	12.536	156	56439	21.167	ug/l	86
78) n-propylbenzene	12.597	91	345845	21.077	ug/l	96
79) 2-Chlorotoluene	12.682	91	191730	21.050	ug/l	94
80) 1,3,5-Trimethylbenzene	12.737	105	221895	20.964	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.304	75	14182	19.718	ug/l #	83
82) 4-Chlorotoluene	12.780	91	191523	20.623	ug/l	95
83) tert-Butylbenzene	12.999	119	192783	20.829	ug/l	94
84) 1,2,4-Trimethylbenzene	13.048	105	220656	21.047	ug/l	97
85) sec-Butylbenzene	13.176	105	297548	20.941	ug/l	97
86) p-Isopropyltoluene	13.292	119	236535	20.745	ug/l	96
87) 1,3-Dichlorobenzene	13.292	146	112511	20.771	ug/l	97
88) 1,4-Dichlorobenzene	13.371	146	112059	20.774	ug/l	97
89) n-Butylbenzene	13.621	91	233341	20.415	ug/l	97
90) Hexachloroethane	13.883	117	45781	20.302	ug/l	86
91) 1,2-Dichlorobenzene	13.664	146	98403	20.900	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.279	75	6329	18.099	ug/l	76
93) 1,2,4-Trichlorobenzene	14.919	180	46442	18.362	ug/l	97
94) Hexachlorobutadiene	15.029	225	27263	19.712	ug/l	98
95) Naphthalene	15.145	128	82915	17.537	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	38986	18.158	ug/l	97

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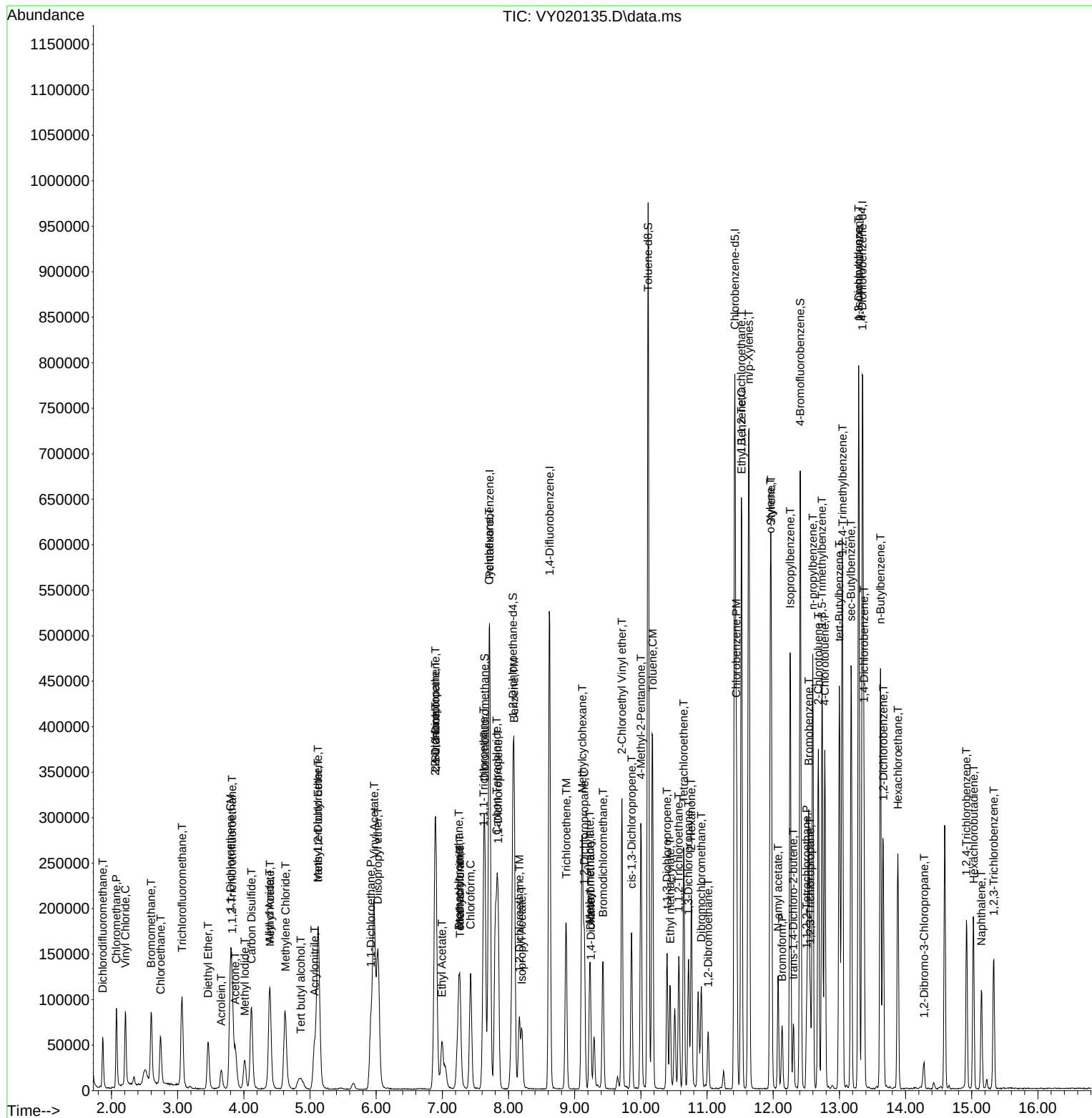
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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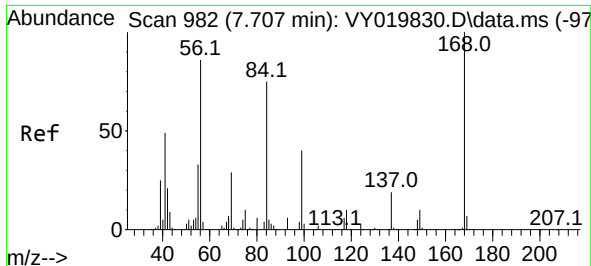
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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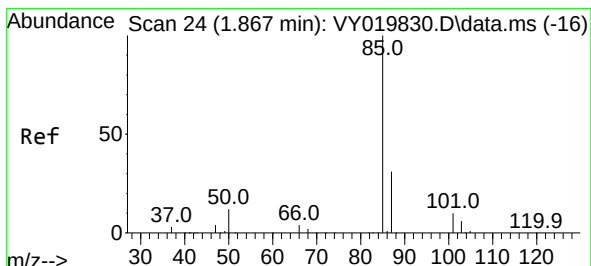
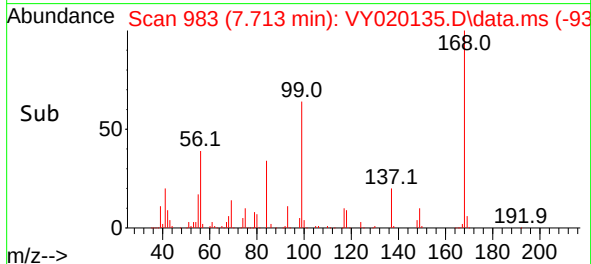
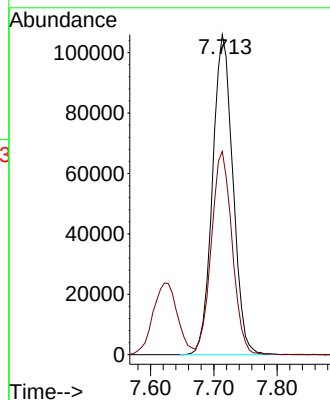
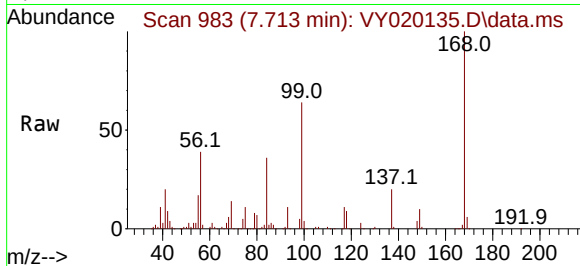




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
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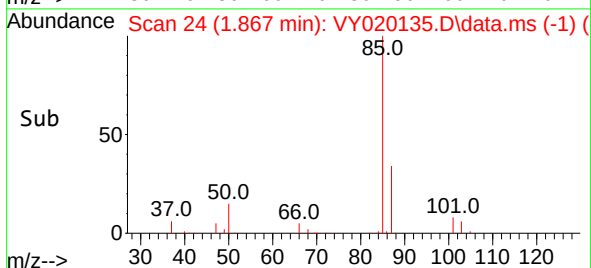
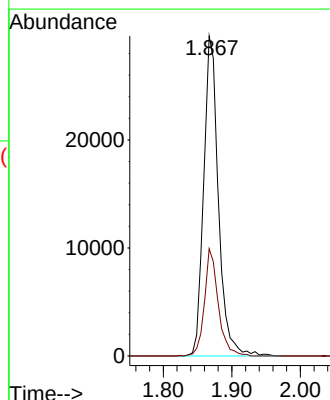
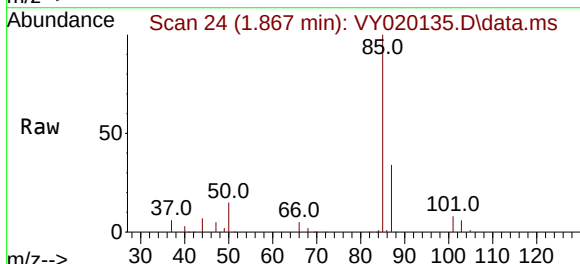
Instrument :
MSVOA_Y
ClientSampleId :

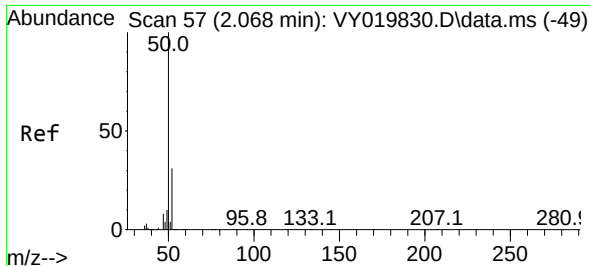
Tgt Ion:168 Resp: 236479
Ion Ratio Lower Upper
168 100
99 63.5 39.1 58.7#



#2
Dichlorodifluoromethane
Concen: 20.279 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.001 min
Lab File: VY020135.D
Acq: 04 Nov 2024 11:38

Tgt Ion: 85 Resp: 44392
Ion Ratio Lower Upper
85 100
87 33.5 16.0 48.0

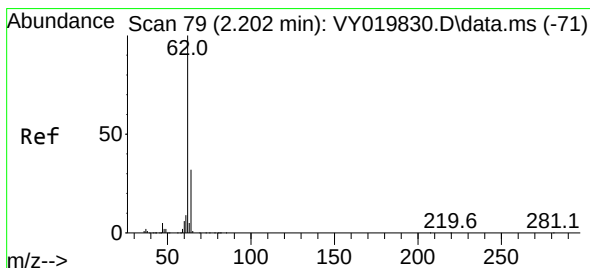
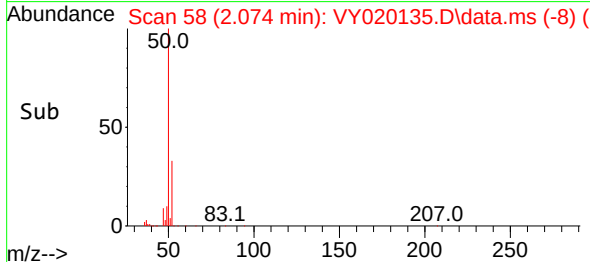
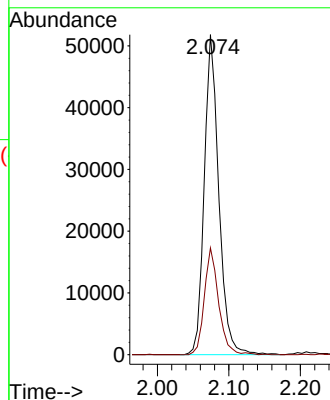
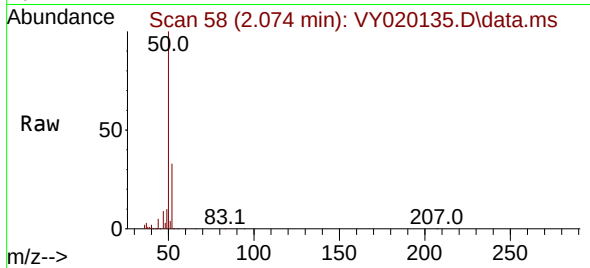




#3
Chloromethane
Concen: 20.221 ug/l
RT: 2.074 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY020135.D
Acq: 04 Nov 2024 11:38

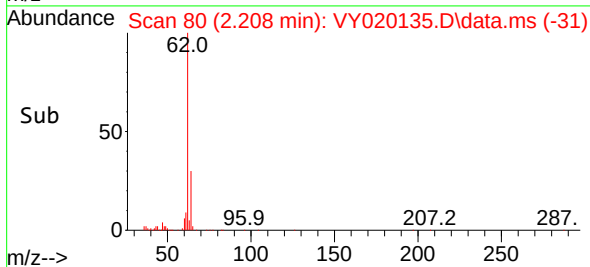
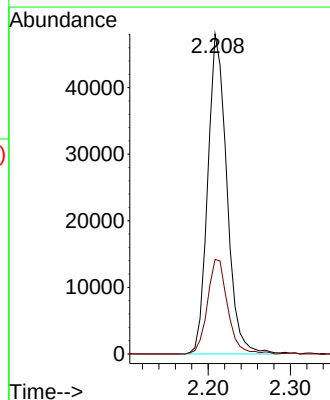
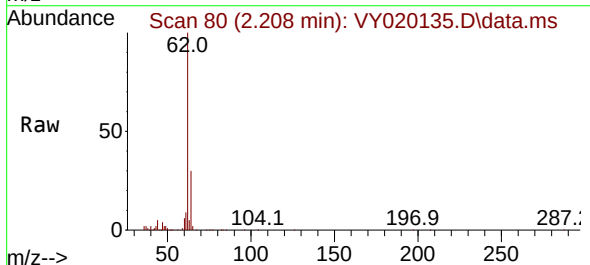
Instrument :
MSVOA_Y
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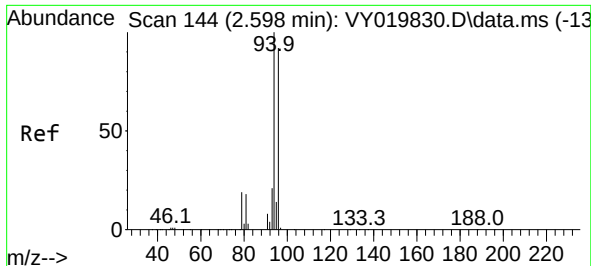
Tgt Ion: 50 Resp: 73322
Ion Ratio Lower Upper
50 100
52 33.3 25.6 38.4



#4
Vinyl Chloride
Concen: 19.876 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.000 min
Lab File: VY020135.D
Acq: 04 Nov 2024 11:38

Tgt Ion: 62 Resp: 77370
Ion Ratio Lower Upper
62 100
64 29.5 26.1 39.1

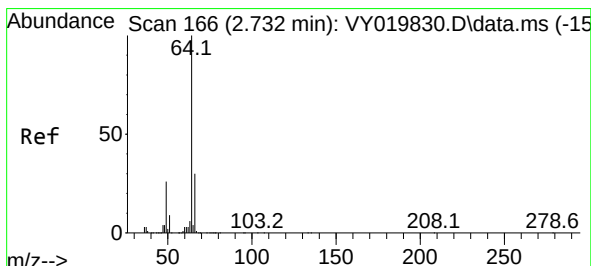
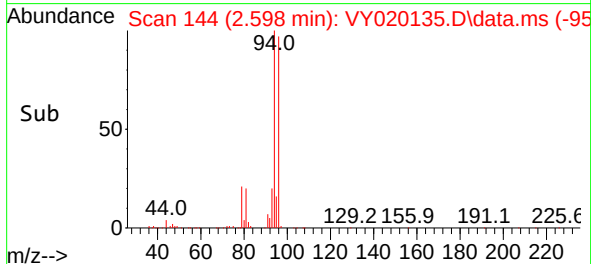
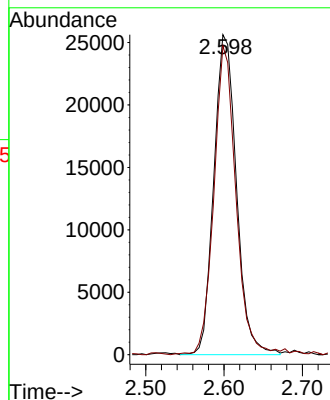
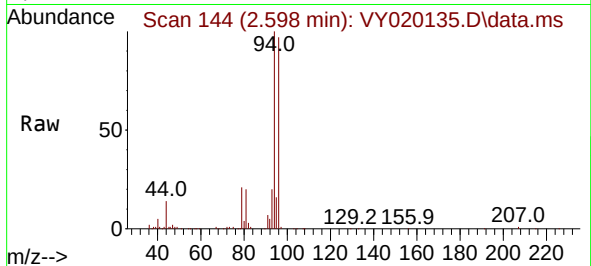




#5
Bromomethane
Concen: 19.919 ug/l
RT: 2.598 min Scan# 144
Delta R.T. 0.000 min
Lab File: VY020135.D
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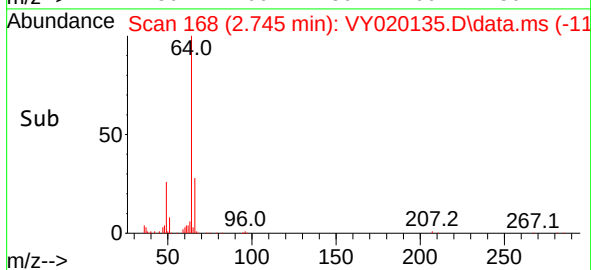
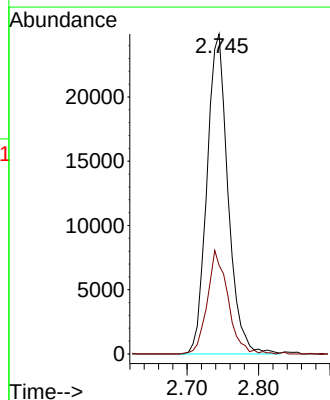
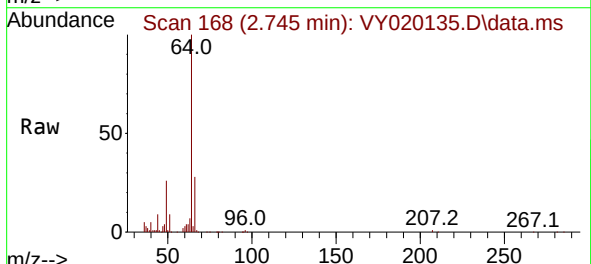
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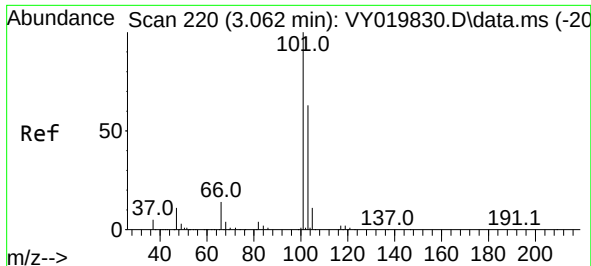
Tgt Ion: 94 Resp: 51478
Ion Ratio Lower Upper
94 100
96 96.1 74.1 111.1



#6
Chloroethane
Concen: 20.280 ug/l
RT: 2.745 min Scan# 168
Delta R.T. 0.006 min
Lab File: VY020135.D
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Tgt Ion: 64 Resp: 50947
Ion Ratio Lower Upper
64 100
66 27.7 26.1 39.1

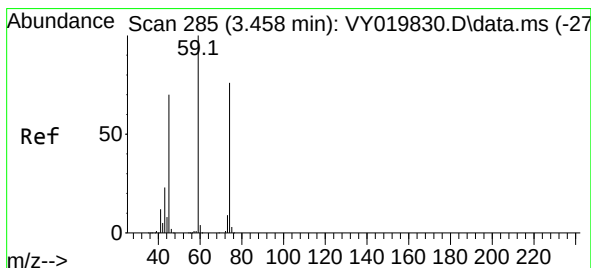
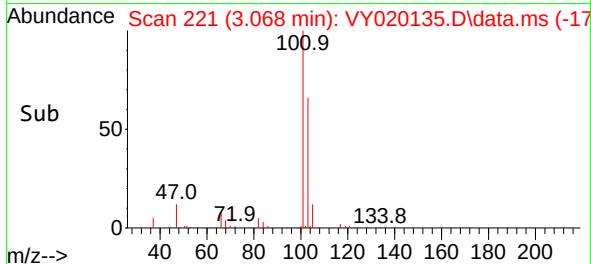
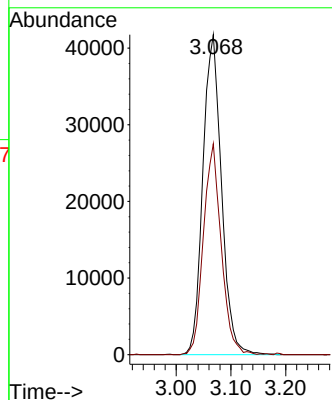
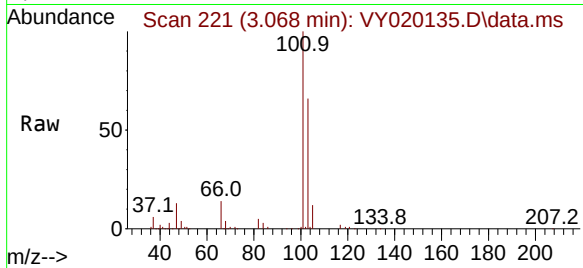




#7
 Trichlorofluoromethane
 Concen: 20.682 ug/l
 RT: 3.068 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VY020135.D
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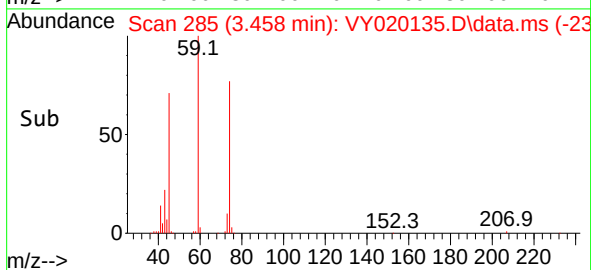
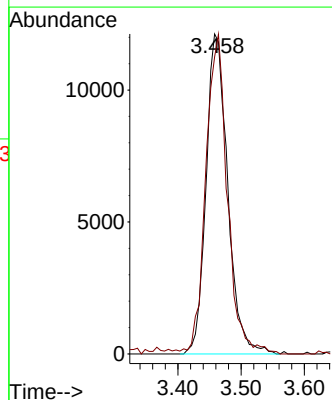
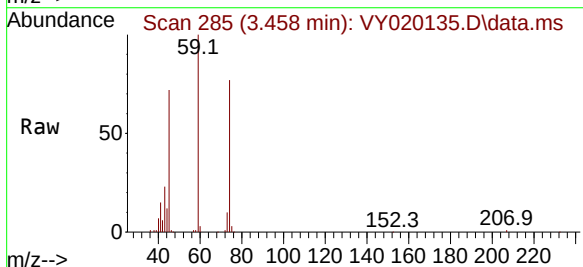
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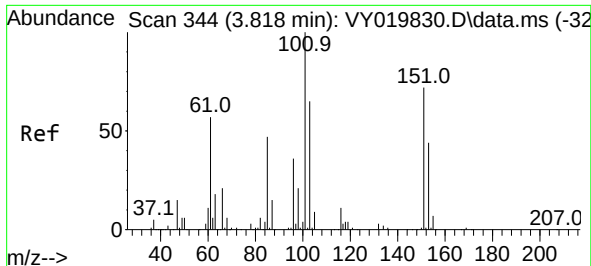
Tgt Ion:101 Resp: 98347
 Ion Ratio Lower Upper
 101 100
 103 65.9 49.3 73.9



#8
 Diethyl Ether
 Concen: 21.751 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 28848
 Ion Ratio Lower Upper
 74 100
 45 99.7 41.3 124.1

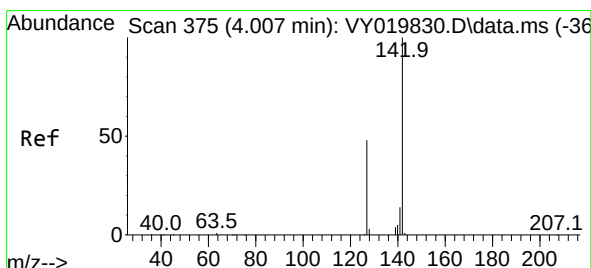
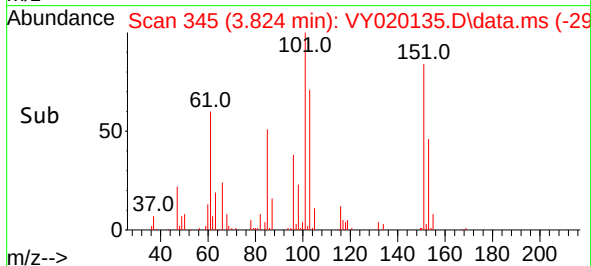
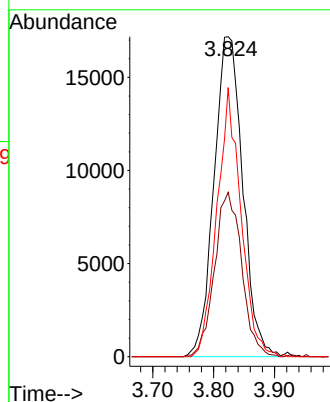
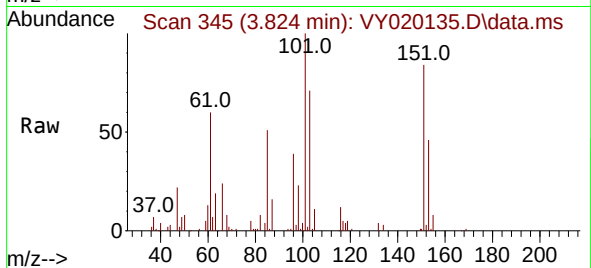




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.108 ug/l
RT: 3.824 min Scan# 344
Delta R.T. 0.013 min
Lab File: VY020135.D
Acq: 04 Nov 2024 11:38

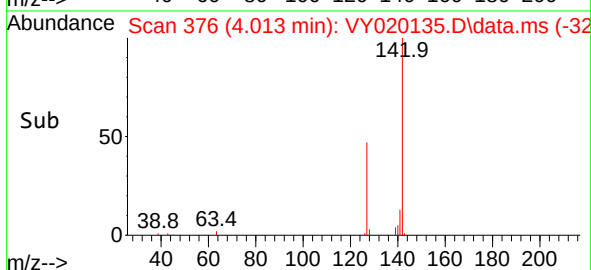
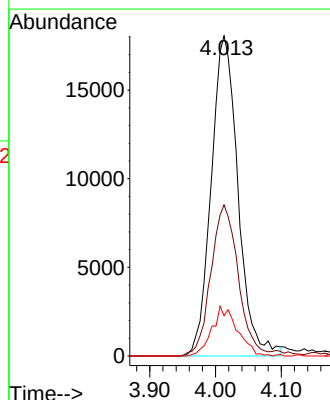
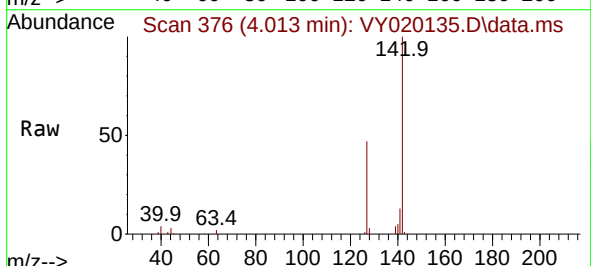
Instrument :
MSVOA_Y
ClientSampleId :

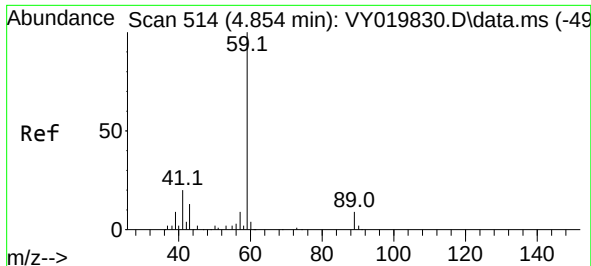
Tgt Ion:101 Resp: 56299
Ion Ratio Lower Upper
101 100
85 48.6 34.5 51.7
151 70.2 61.7 92.5



#10
Methyl Iodide
Concen: 19.868 ug/l
RT: 4.013 min Scan# 376
Delta R.T. 0.006 min
Lab File: VY020135.D
Acq: 04 Nov 2024 11:38

Tgt Ion:142 Resp: 51160
Ion Ratio Lower Upper
142 100
127 47.9 32.8 49.2
141 14.7 11.4 17.2





#11

Tert butyl alcohol

Concen: 120.181 ug/l

RT: 4.860 min Scan# 514

Delta R.T. 0.000 min

Lab File: VY020135.D

Acq: 04 Nov 2024 11:38

Instrument :

MSVOA_Y

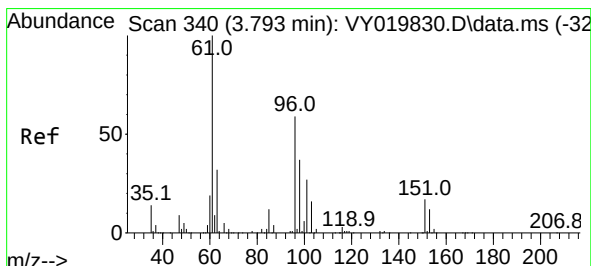
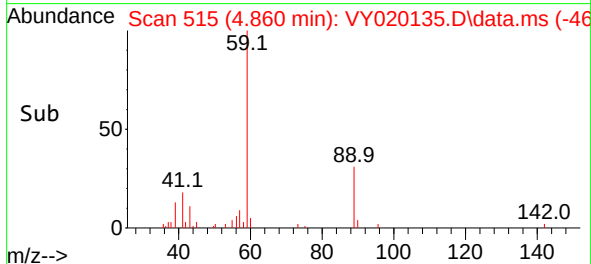
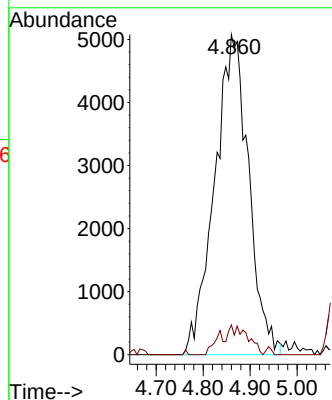
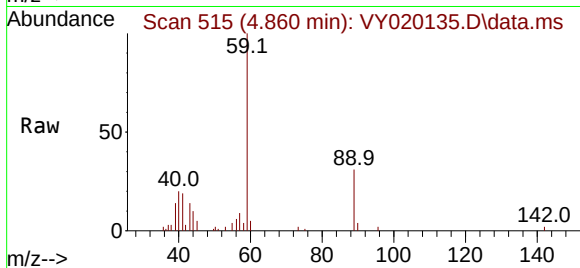
ClientSampleId :

Tgt Ion: 59 Resp: 25514

Ion Ratio Lower Upper

59 100

57 0.0 3.0 4.6#



#12

1,1-Dichloroethene

Concen: 20.860 ug/l

RT: 3.799 min Scan# 341

Delta R.T. 0.013 min

Lab File: VY020135.D

Acq: 04 Nov 2024 11:38

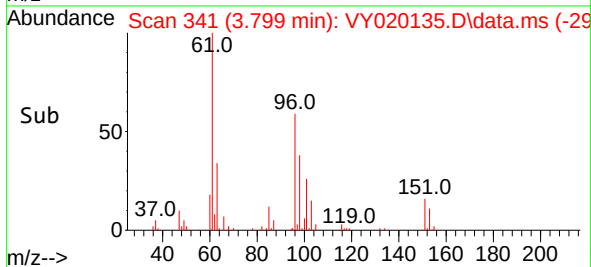
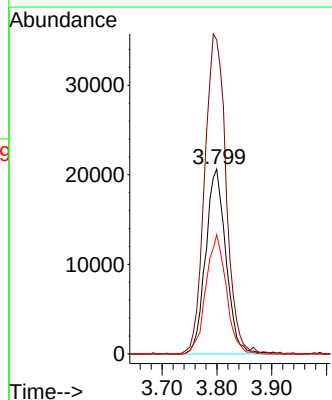
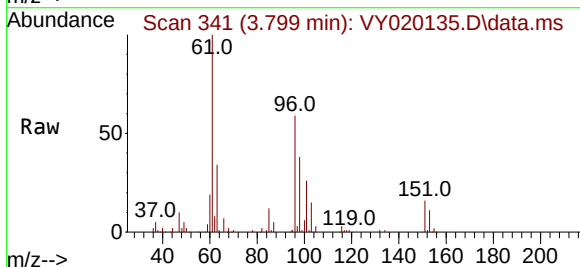
Tgt Ion: 96 Resp: 53233

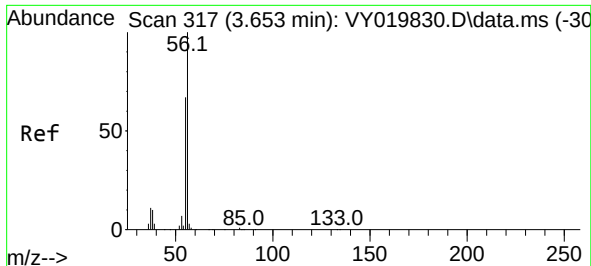
Ion Ratio Lower Upper

96 100

61 170.0 114.6 171.8

98 64.5 50.8 76.2





#13

Acrolein

Concen: 92.956 ug/l

RT: 3.659 min Scan# 31

Delta R.T. 0.006 min

Lab File: VY020135.D

Acq: 04 Nov 2024 11:38

Instrument :

MSVOA_Y

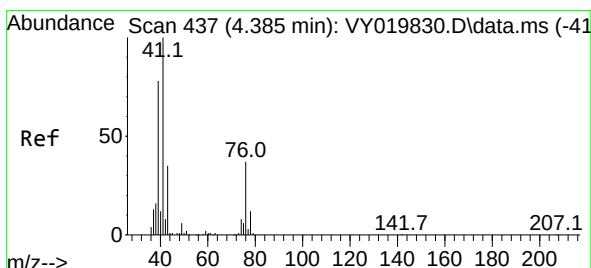
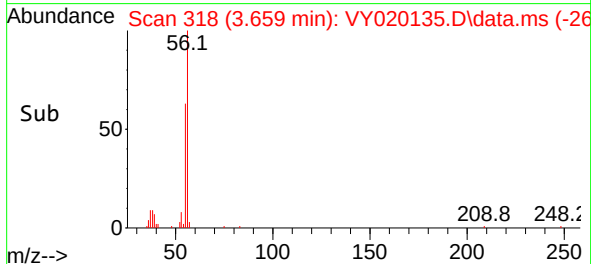
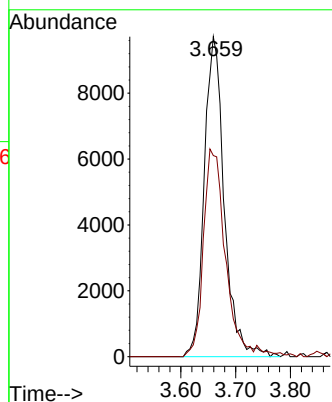
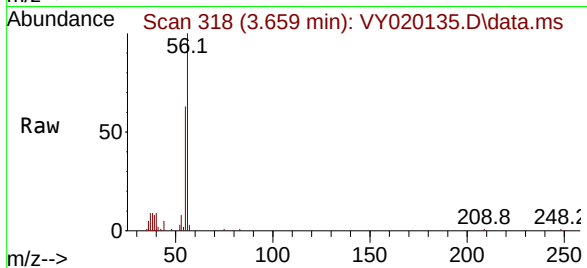
ClientSampleId :

Tgt Ion: 56 Resp: 24566

Ion Ratio Lower Upper

56 100

55 69.9 55.7 83.5



#14

Allyl chloride

Concen: 20.850 ug/l

RT: 4.391 min Scan# 438

Delta R.T. 0.006 min

Lab File: VY020135.D

Acq: 04 Nov 2024 11:38

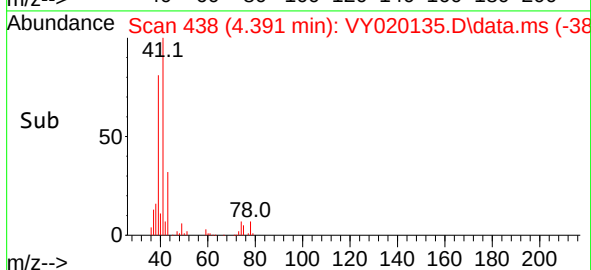
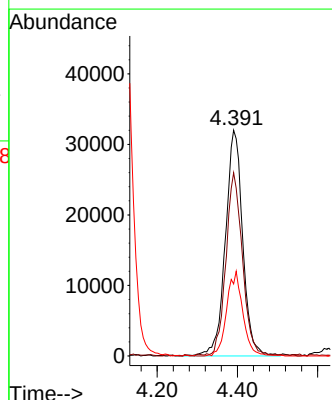
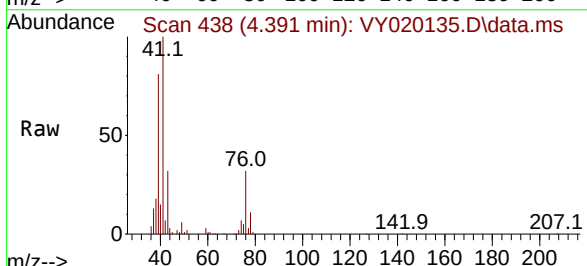
Tgt Ion: 41 Resp: 95994

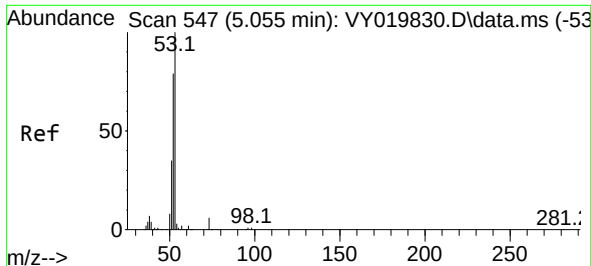
Ion Ratio Lower Upper

41 100

39 76.2 58.3 87.5

76 34.8 39.0 58.6#

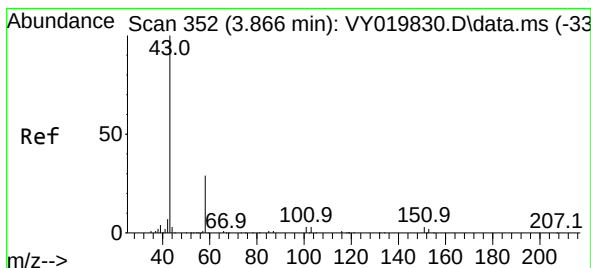
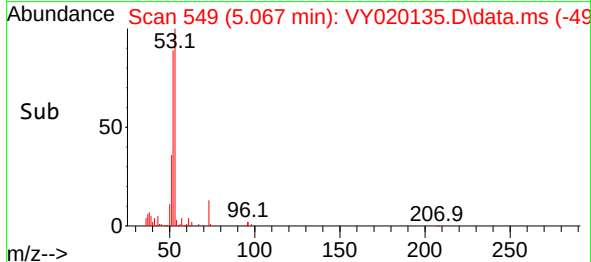
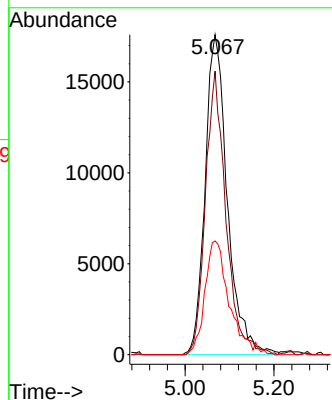
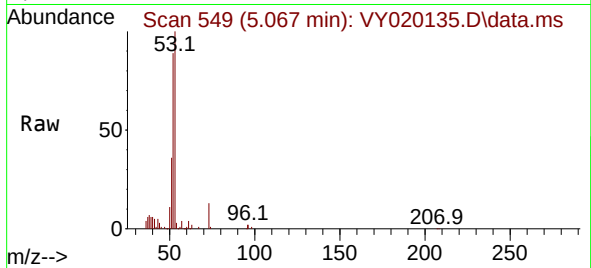




#15
Acrylonitrile
Concen: 101.787 ug/l
RT: 5.067 min Scan# 54
Delta R.T. 0.013 min
Lab File: VY020135.D
Acq: 04 Nov 2024 11:38

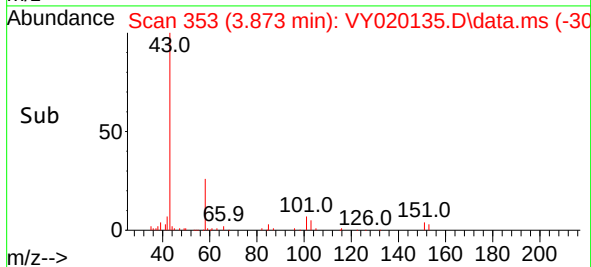
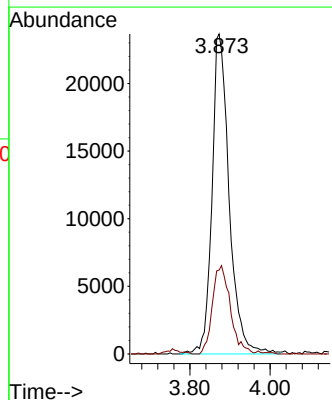
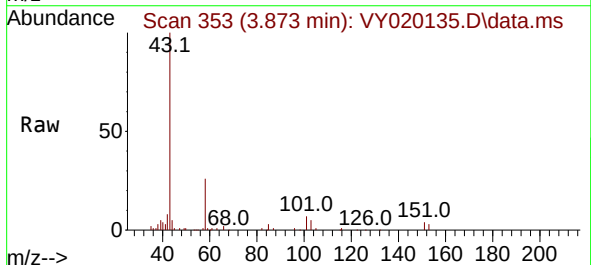
Instrument :
MSVOA_Y
ClientSampleId :

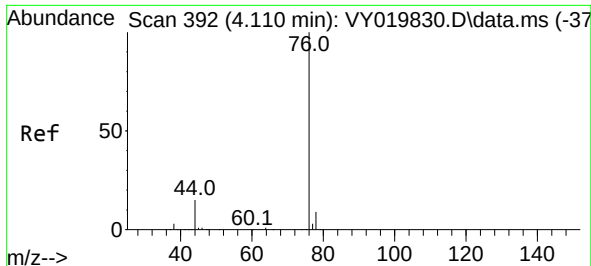
Tgt Ion: 53 Resp: 61451
Ion Ratio Lower Upper
53 100
52 81.3 64.7 97.1
51 38.9 28.4 42.6



#16
Acetone
Concen: 102.604 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY020135.D
Acq: 04 Nov 2024 11:38

Tgt Ion: 43 Resp: 70424
Ion Ratio Lower Upper
43 100
58 26.2 31.7 47.5#

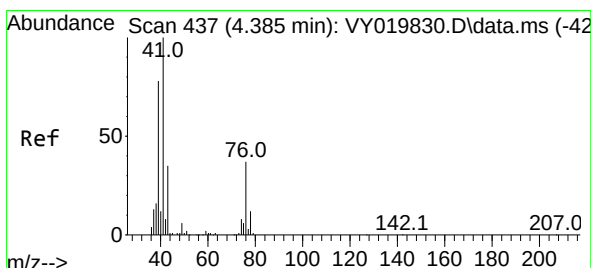
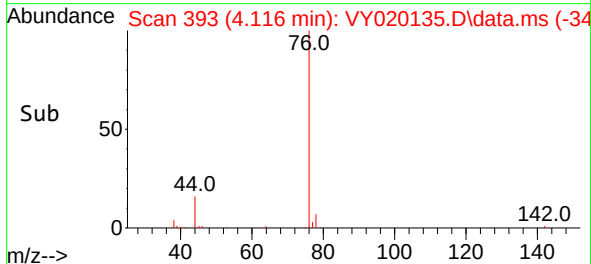
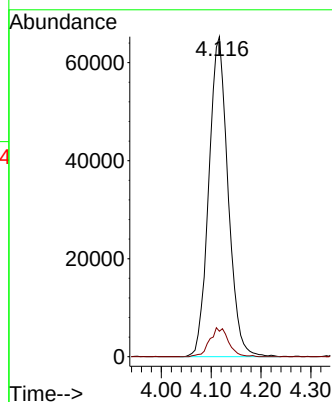
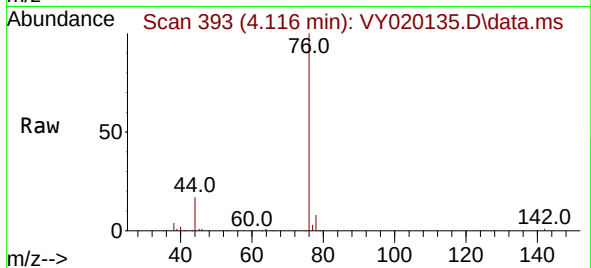




#17
Carbon Disulfide
Concen: 20.587 ug/l
RT: 4.116 min Scan# 392
Delta R.T. 0.013 min
Lab File: VY020135.D
Acq: 04 Nov 2024 11:38

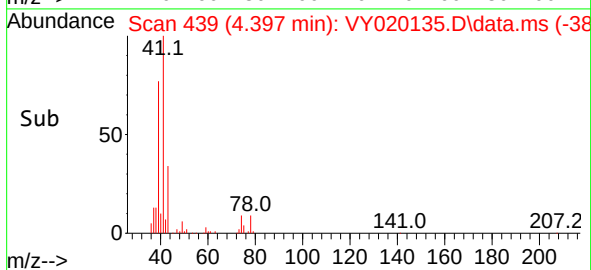
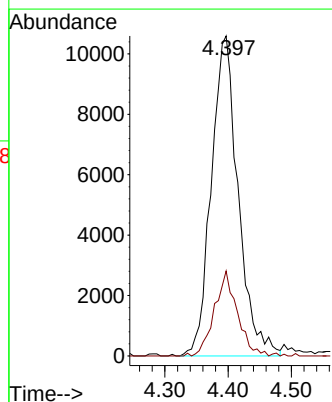
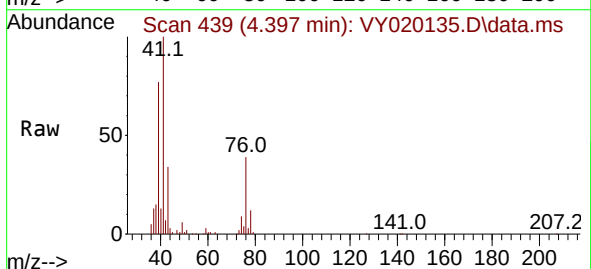
Instrument :
MSVOA_Y
ClientSampleId :

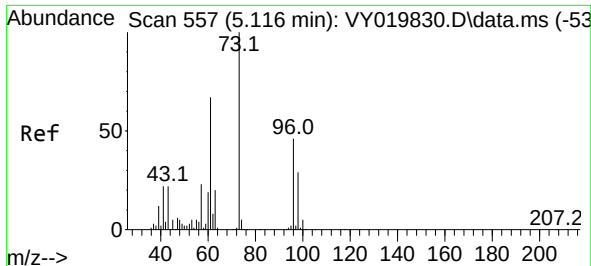
Tgt Ion: 76 Resp: 174833
Ion Ratio Lower Upper
76 100
78 8.0 6.8 10.2



#18
Methyl Acetate
Concen: 19.396 ug/l
RT: 4.397 min Scan# 439
Delta R.T. 0.013 min
Lab File: VY020135.D
Acq: 04 Nov 2024 11:38

Tgt Ion: 43 Resp: 31235
Ion Ratio Lower Upper
43 100
74 22.5 23.3 34.9#

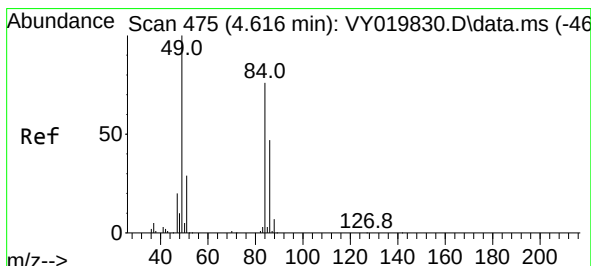
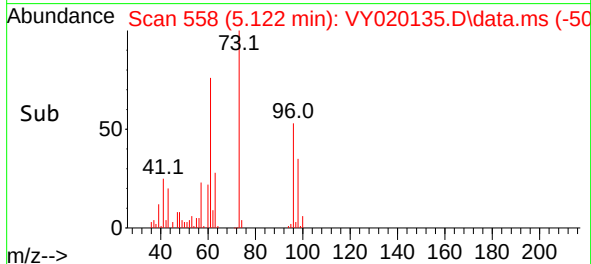
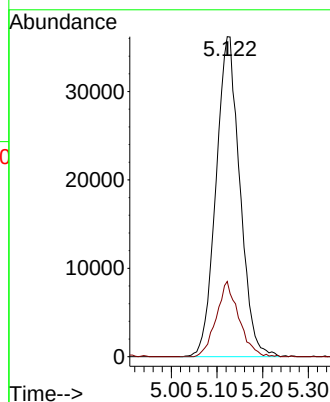
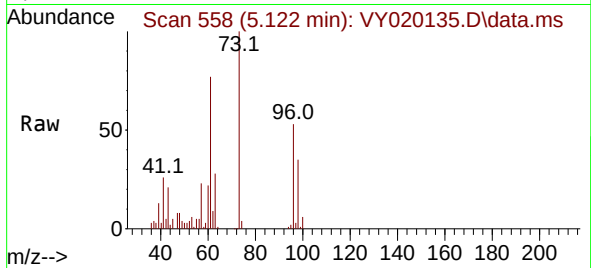




#19
Methyl tert-butyl Ether
Concen: 20.466 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY020135.D
Acq: 04 Nov 2024 11:38

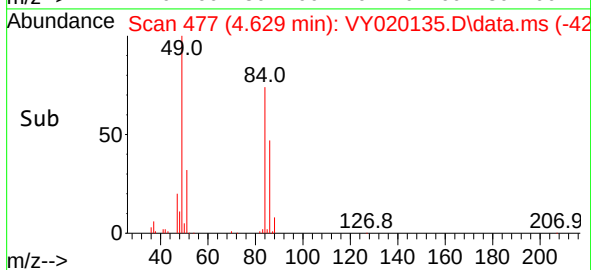
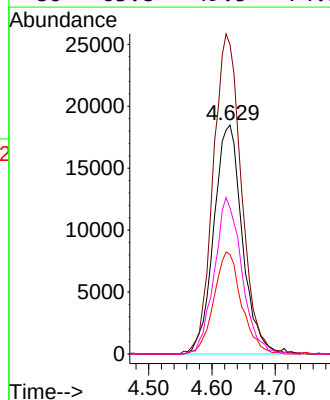
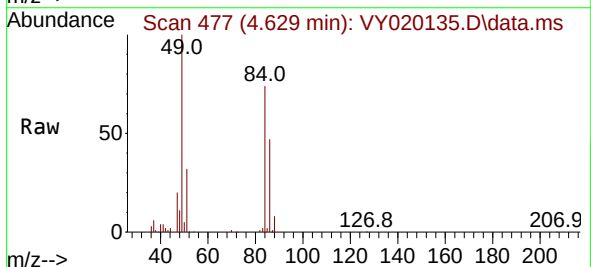
Instrument :
MSVOA_Y
ClientSampleId :

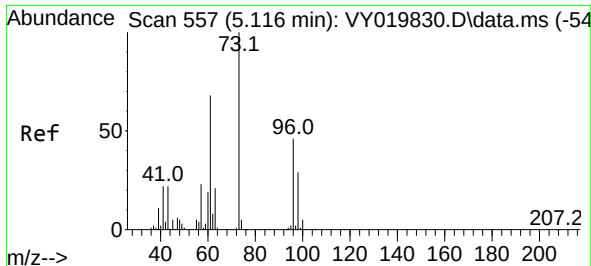
Tgt Ion: 73 Resp: 131394
Ion Ratio Lower Upper
73 100
57 23.5 17.3 25.9



#20
Methylene Chloride
Concen: 18.688 ug/l
RT: 4.629 min Scan# 477
Delta R.T. 0.013 min
Lab File: VY020135.D
Acq: 04 Nov 2024 11:38

Tgt Ion: 84 Resp: 57620
Ion Ratio Lower Upper
84 100
49 135.1 84.4 126.6#
51 43.5 26.0 39.0#
86 63.8 49.5 74.3

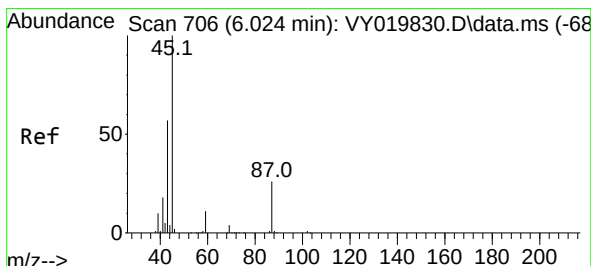
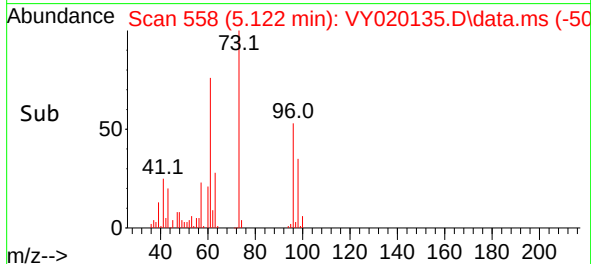
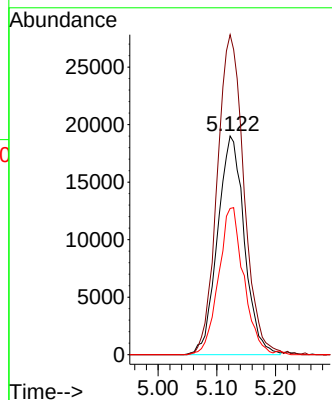
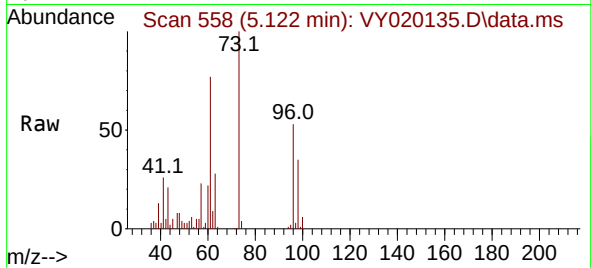




#21
trans-1,2-Dichloroethene
Concen: 20.929 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.013 min
Lab File: VY020135.D
Acq: 04 Nov 2024 11:38

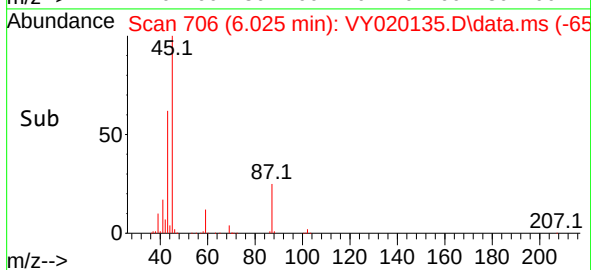
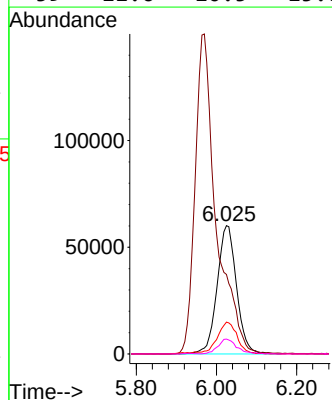
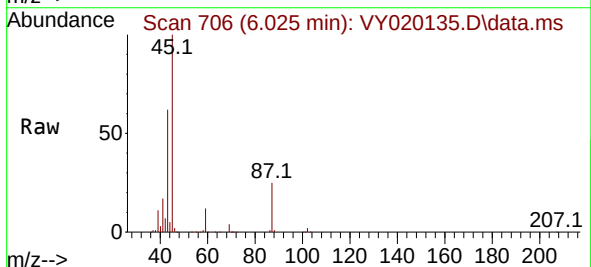
Instrument :
MSVOA_Y
ClientSampleId :

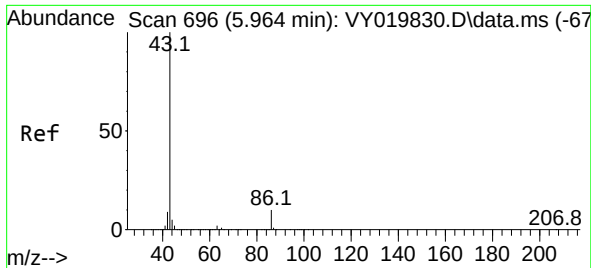
Tgt Ion: 96 Resp: 60234
Ion Ratio Lower Upper
96 100
61 146.3 97.5 146.3
98 66.8 50.5 75.7



#22
Diisopropyl ether
Concen: 21.143 ug/l
RT: 6.025 min Scan# 706
Delta R.T. 0.006 min
Lab File: VY020135.D
Acq: 04 Nov 2024 11:38

Tgt Ion: 45 Resp: 202010
Ion Ratio Lower Upper
45 100
43 61.3 42.2 63.2
87 24.8 25.0 37.6#
59 11.6 10.5 15.7

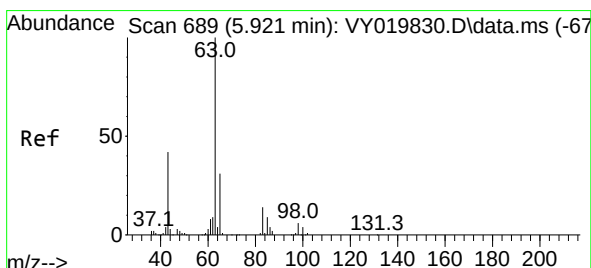
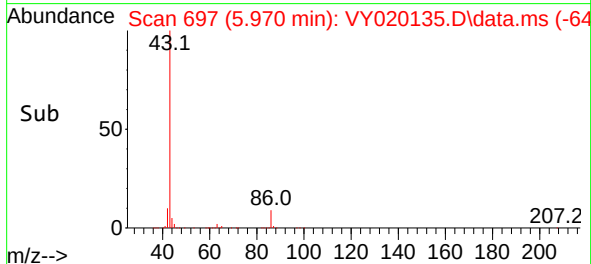
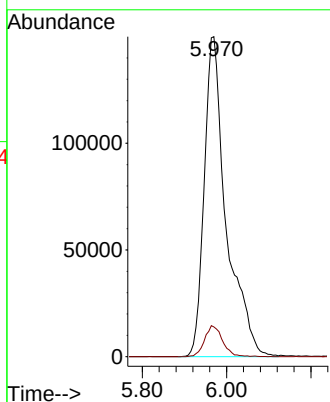
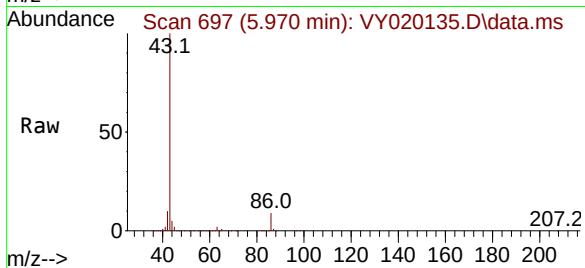




#23
 Vinyl Acetate
 Concen: 101.428 ug/l
 RT: 5.970 min Scan# 696
 Delta R.T. 0.013 min
 Lab File: VY020135.D
 Acq: 04 Nov 2024 11:38

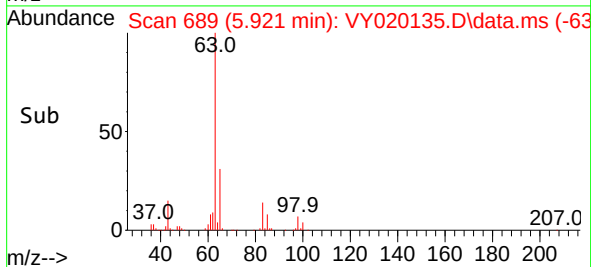
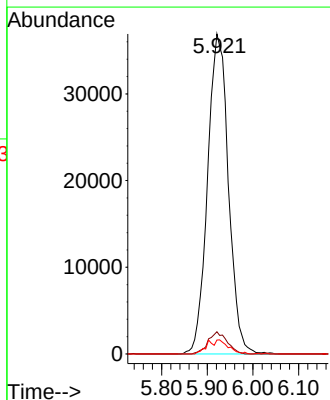
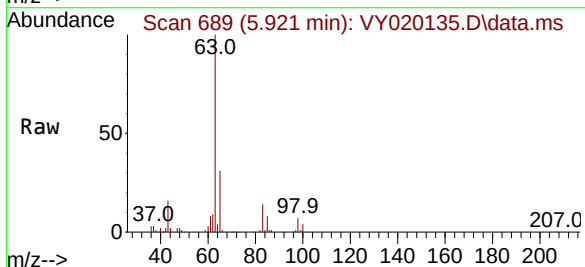
Instrument :
 MSVOA_Y
 ClientSampleId :

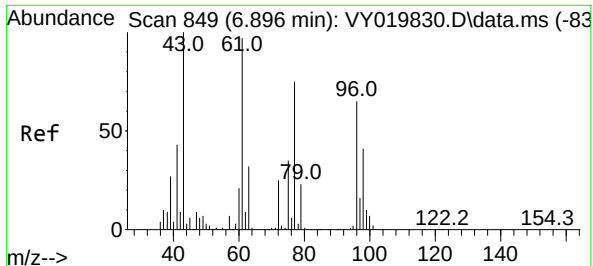
Tgt Ion: 43 Resp: 545371
 Ion Ratio Lower Upper
 43 100
 86 9.3 10.6 16.0#



#24
 1,1-Dichloroethane
 Concen: 21.200 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. 0.006 min
 Lab File: VY020135.D
 Acq: 04 Nov 2024 11:38

Tgt Ion: 63 Resp: 117288
 Ion Ratio Lower Upper
 63 100
 98 7.0 4.0 12.2
 100 4.3 2.6 8.0





#25

2-Butanone

Concen: 97.102 ug/l

RT: 6.896 min Scan# 849

Delta R.T. 0.006 min

Lab File: VY020135.D

Acq: 04 Nov 2024 11:38

Instrument :

MSVOA_Y

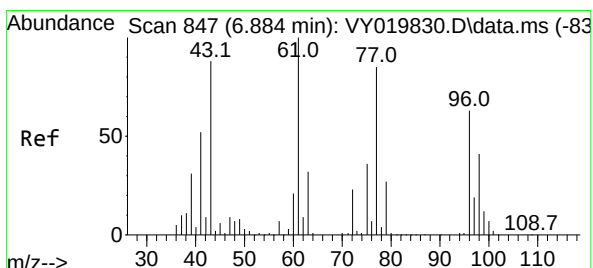
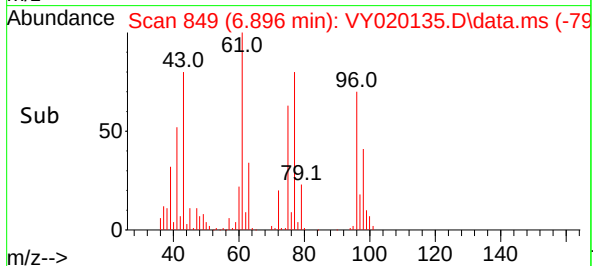
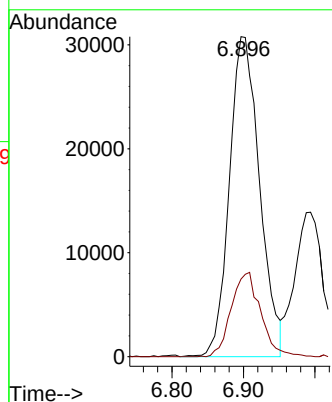
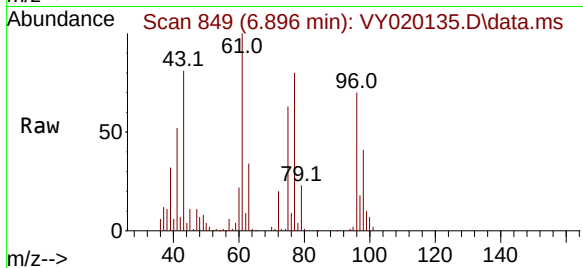
ClientSampleId :

Tgt Ion: 43 Resp: 90343

Ion Ratio Lower Upper

43 100

72 24.3 27.3 40.9#



#26

2,2-Dichloropropane

Concen: 21.261 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.006 min

Lab File: VY020135.D

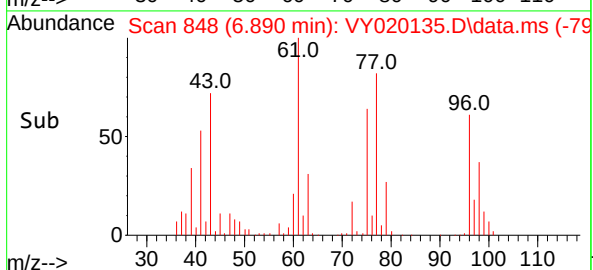
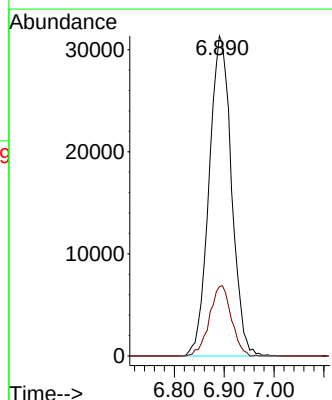
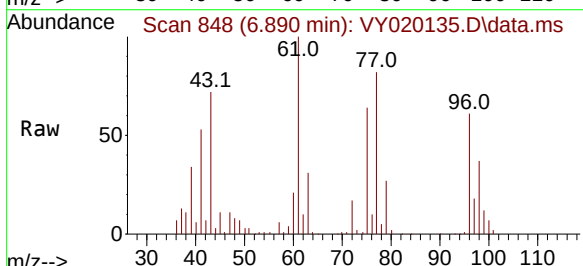
Acq: 04 Nov 2024 11:38

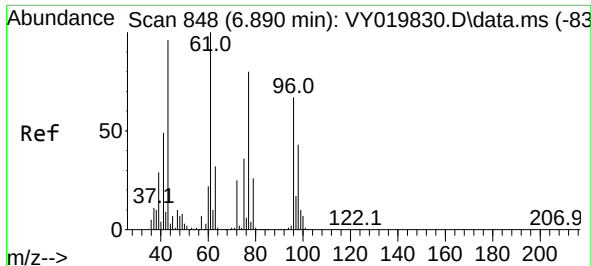
Tgt Ion: 77 Resp: 97867

Ion Ratio Lower Upper

77 100

97 21.4 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 21.139 ug/l

RT: 6.896 min Scan# 84

Delta R.T. 0.006 min

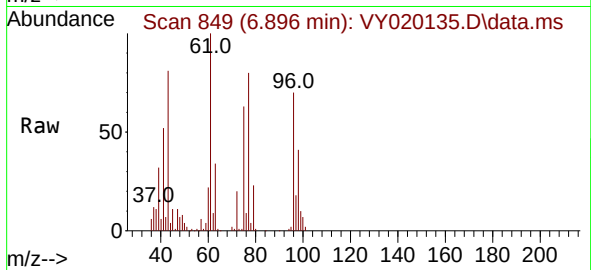
Lab File: VY020135.D

Acq: 04 Nov 2024 11:38

Instrument :

MSVOA_Y

ClientSampleId :



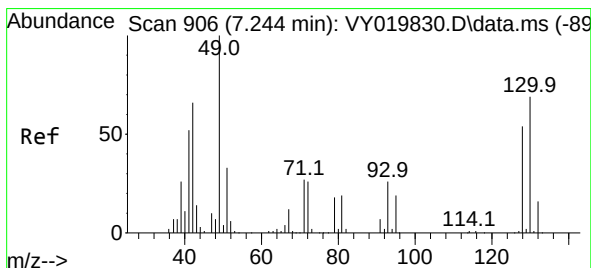
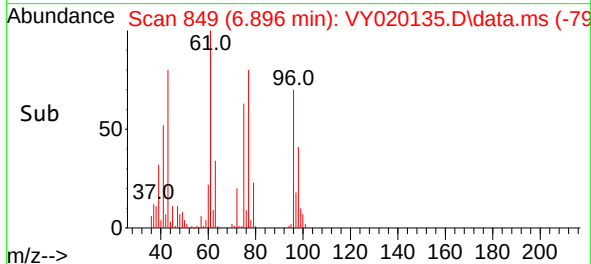
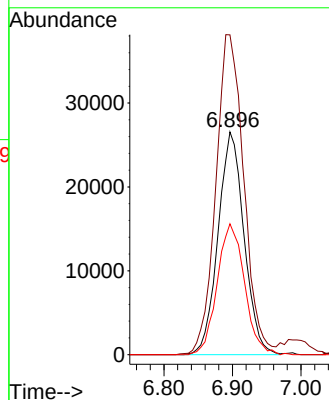
Tgt Ion: 96 Resp: 69936

Ion Ratio Lower Upper

96 100

61 154.6 0.0 256.2

98 61.8 0.0 130.0



#28

Bromochloromethane

Concen: 19.165 ug/l

RT: 7.250 min Scan# 907

Delta R.T. 0.006 min

Lab File: VY020135.D

Acq: 04 Nov 2024 11:38

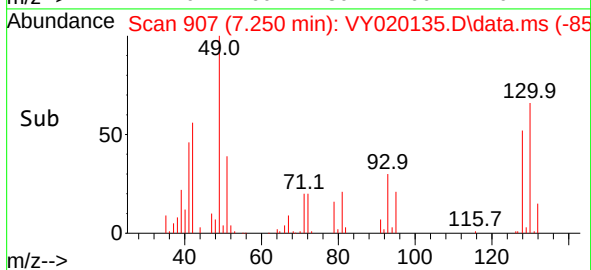
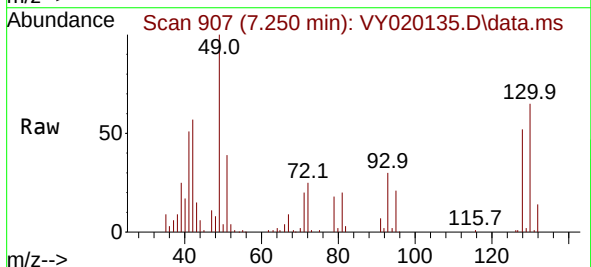
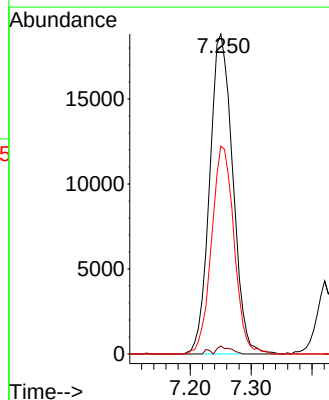
Tgt Ion: 49 Resp: 49648

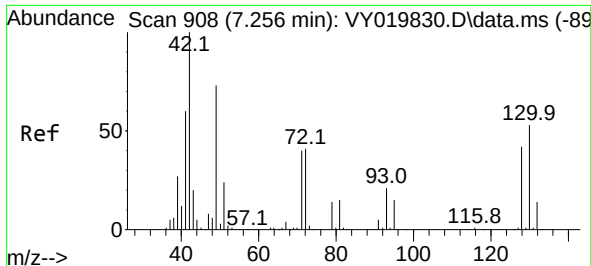
Ion Ratio Lower Upper

49 100

129 1.4 0.0 4.6

130 63.3 72.7 109.1#





#29

Tetrahydrofuran

Concen: 99.234 ug/l

RT: 7.268 min Scan# 910

Delta R.T. 0.006 min

Lab File: VY020135.D

Acq: 04 Nov 2024 11:38

Instrument :

MSVOA_Y

ClientSampleId :

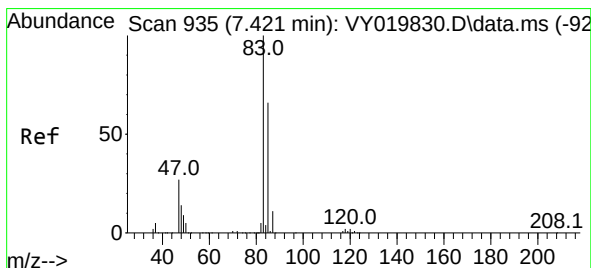
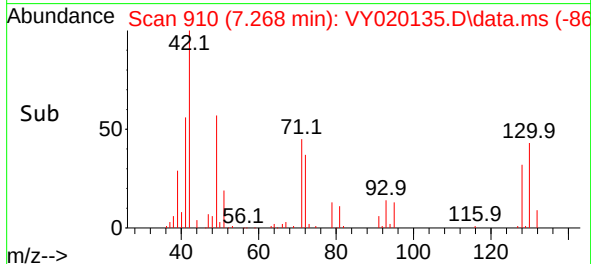
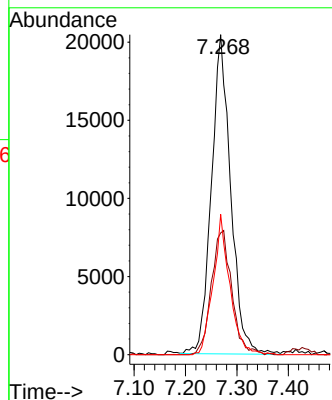
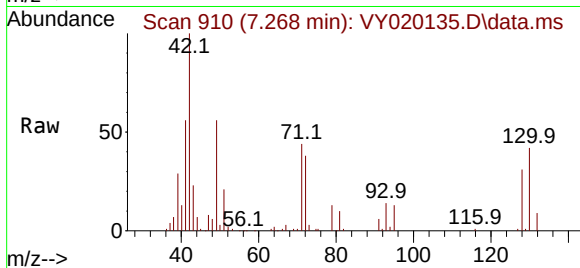
Tgt Ion: 42 Resp: 53282

Ion Ratio Lower Upper

42 100

72 41.2 43.0 64.4#

71 38.2 40.8 61.2#



#30

Chloroform

Concen: 20.893 ug/l

RT: 7.427 min Scan# 936

Delta R.T. 0.006 min

Lab File: VY020135.D

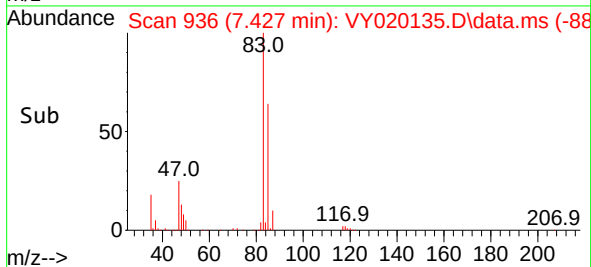
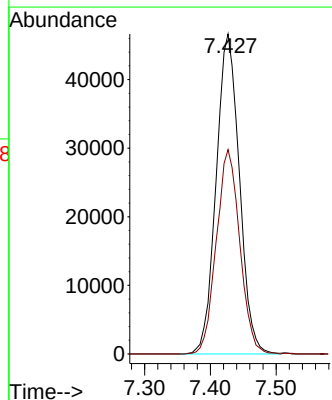
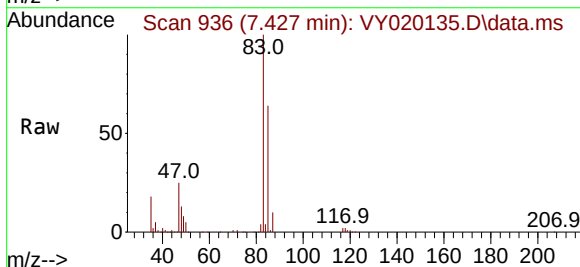
Acq: 04 Nov 2024 11:38

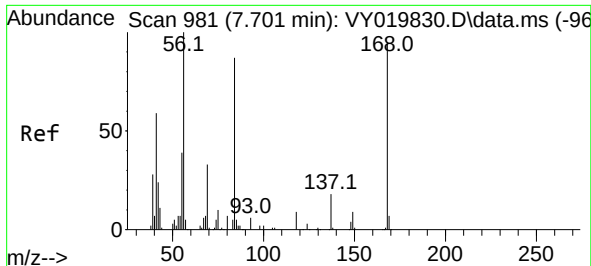
Tgt Ion: 83 Resp: 114703

Ion Ratio Lower Upper

83 100

85 63.8 52.2 78.4

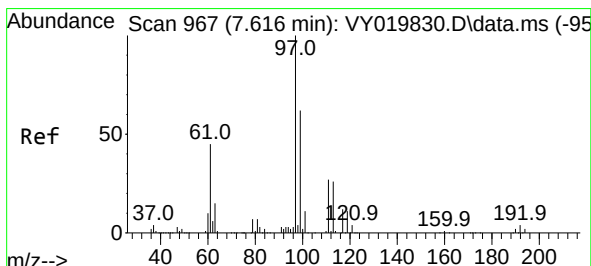
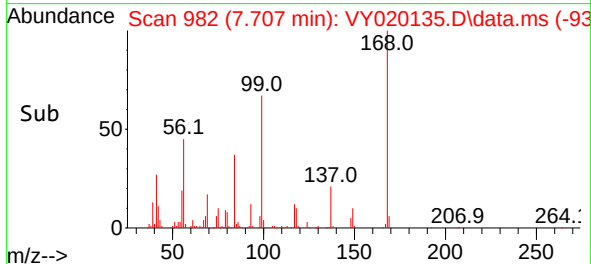
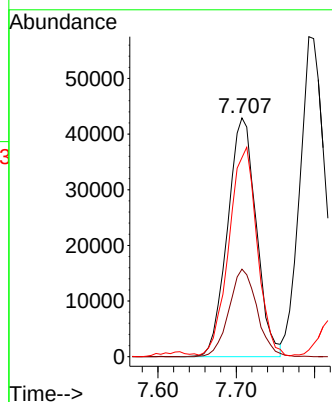
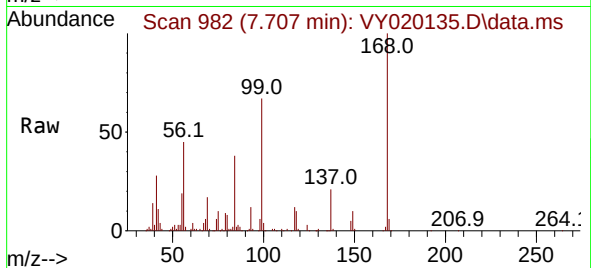




#31
Cyclohexane
Concen: 20.409 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020135.D
Acq: 04 Nov 2024 11:38

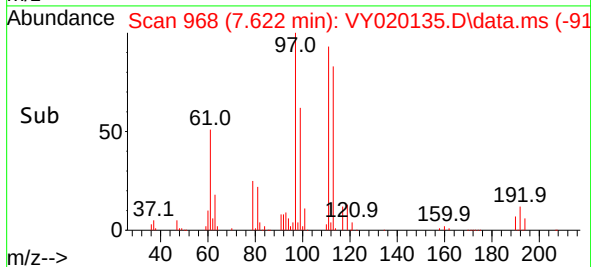
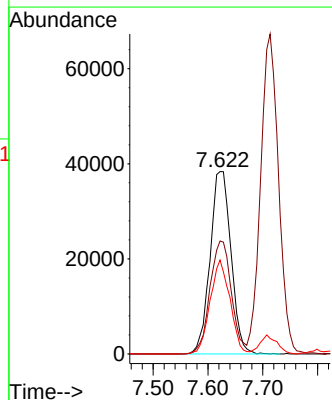
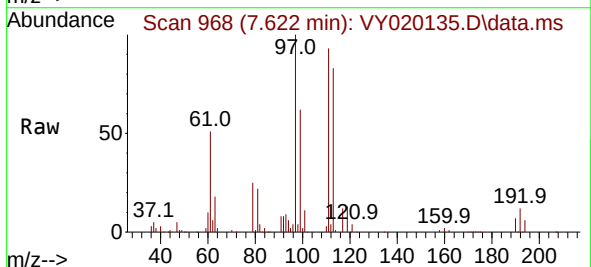
Instrument :
MSVOA_Y
ClientSampleId :

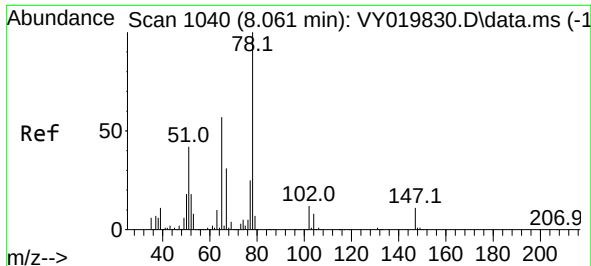
Tgt Ion: 56 Resp: 109312
Ion Ratio Lower Upper
56 100
69 36.7 28.7 43.1
84 81.3 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 21.211 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY020135.D
Acq: 04 Nov 2024 11:38

Tgt Ion: 97 Resp: 101664
Ion Ratio Lower Upper
97 100
99 63.5 50.3 75.5
61 48.9 32.6 48.8#





#33

1,2-Dichloroethane-d4

Concen: 54.600 ug/l

RT: 8.067 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY020135.D

Acq: 04 Nov 2024 11:38

Instrument :

MSVOA_Y

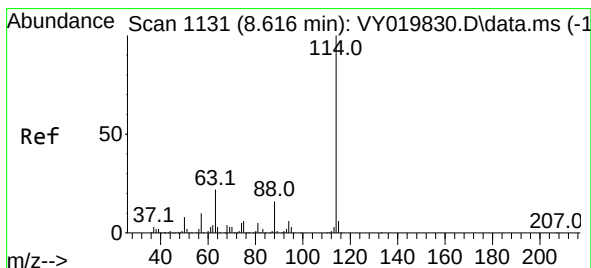
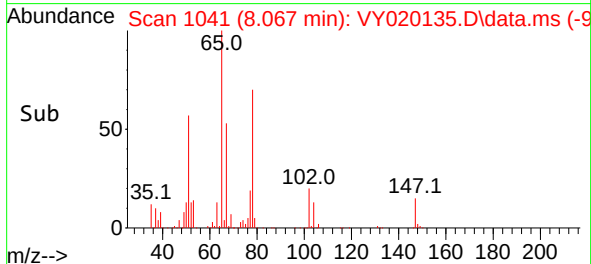
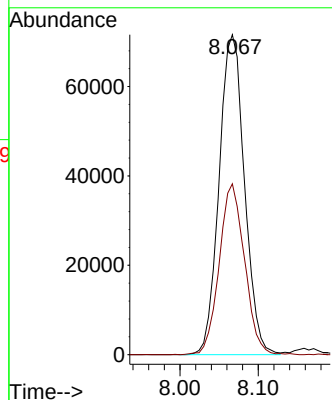
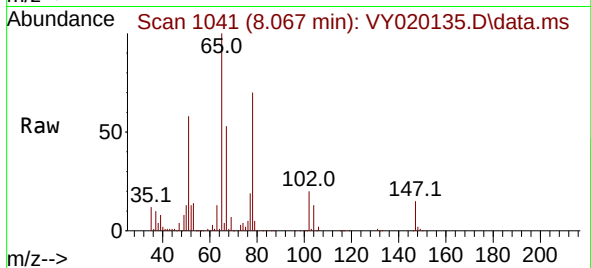
ClientSampleId :

Tgt Ion: 65 Resp: 161147

Ion Ratio Lower Upper

65 100

67 53.3 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: VY020135.D

Acq: 04 Nov 2024 11:38

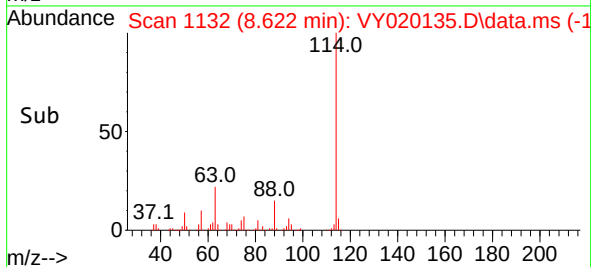
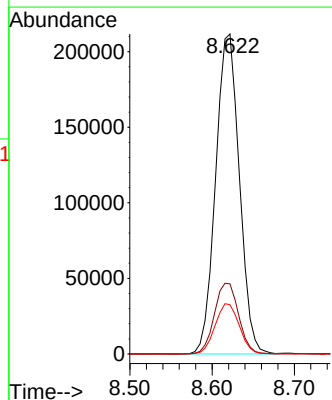
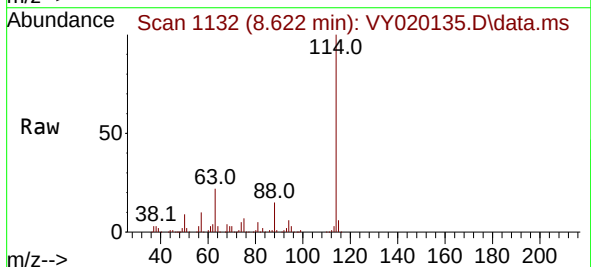
Tgt Ion: 114 Resp: 424679

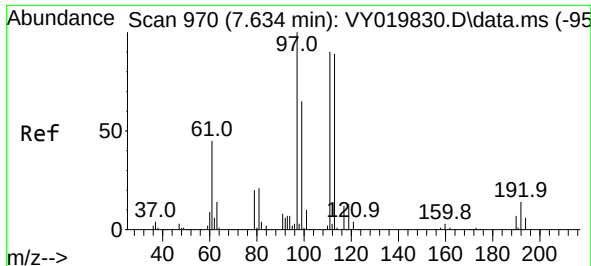
Ion Ratio Lower Upper

114 100

63 21.9 0.0 35.0

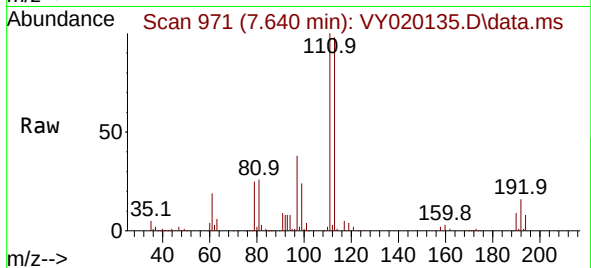
88 15.4 0.0 27.2



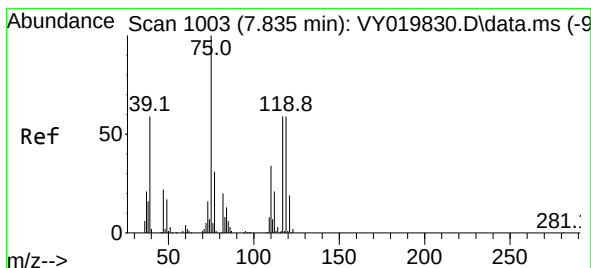
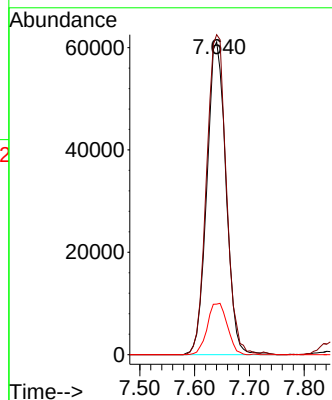
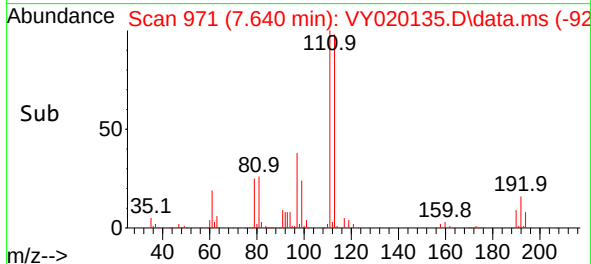


#35
Dibromofluoromethane
Concen: 54.815 ug/l
RT: 7.640 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020135.D
Acq: 04 Nov 2024 11:38

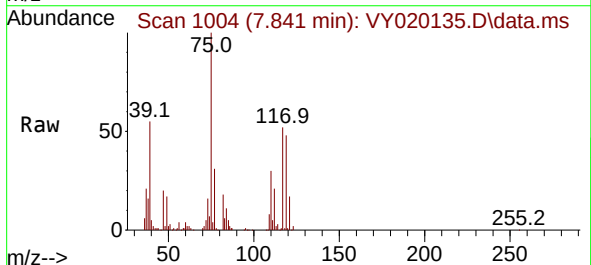
Instrument :
MSVOA_Y
ClientSampleId :



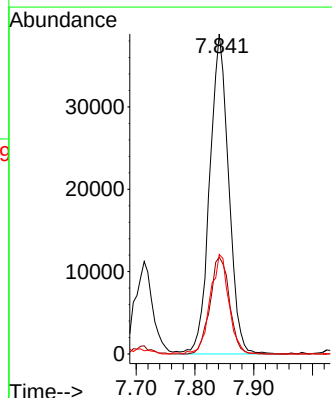
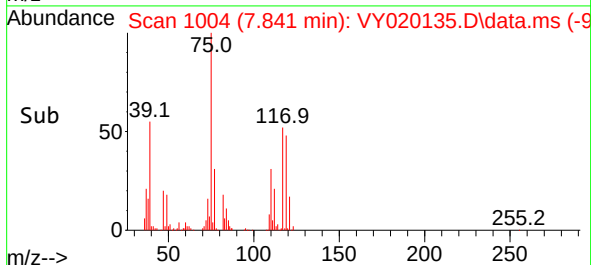
Tgt Ion:113 Resp: 148005
Ion Ratio Lower Upper
113 100
111 105.2 82.2 123.4
192 17.2 15.9 23.9

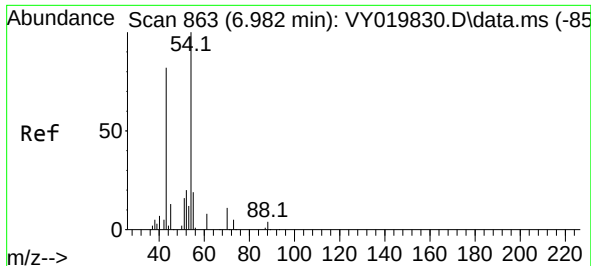


#36
1,1-Dichloropropene
Concen: 20.877 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. 0.006 min
Lab File: VY020135.D
Acq: 04 Nov 2024 11:38



Tgt Ion: 75 Resp: 87079
Ion Ratio Lower Upper
75 100
110 31.2 19.0 57.0
77 30.7 25.3 37.9





#37

Ethyl Acetate

Concen: 19.295 ug/l

RT: 6.994 min Scan# 80

Delta R.T. 0.013 min

Lab File: VY020135.D

Acq: 04 Nov 2024 11:38

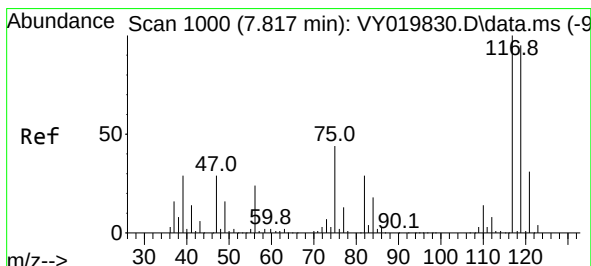
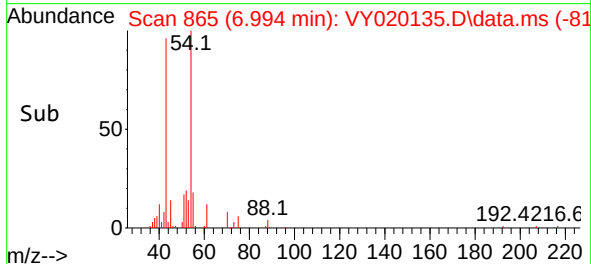
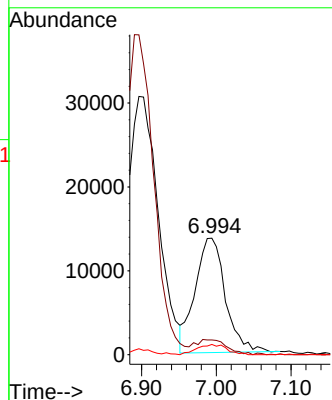
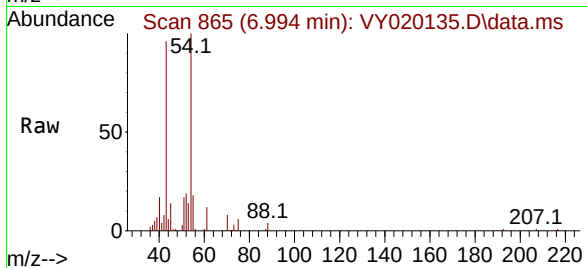
Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 43 Resp: 38371

Ion	Ratio	Lower	Upper
43	100		
61	13.4	12.6	19.0
70	8.7	7.8	11.8



#38

Carbon Tetrachloride

Concen: 20.761 ug/l

RT: 7.823 min Scan# 1001

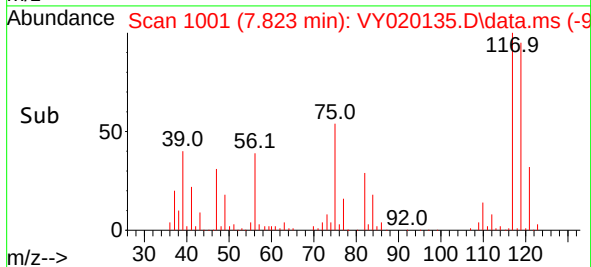
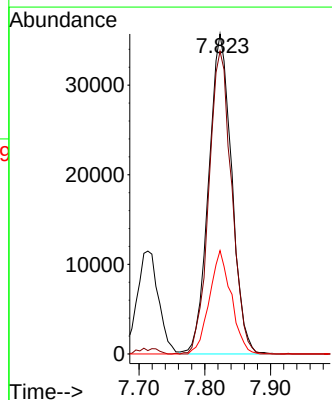
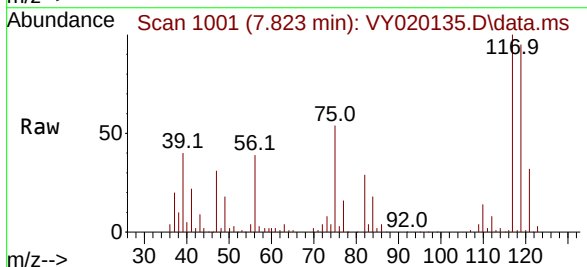
Delta R.T. 0.006 min

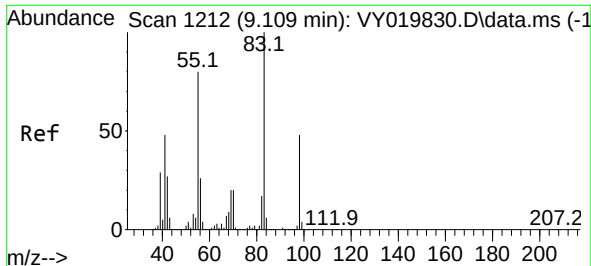
Lab File: VY020135.D

Acq: 04 Nov 2024 11:38

Tgt Ion: 117 Resp: 87078

Ion	Ratio	Lower	Upper
117	100		
119	94.6	75.8	113.6
121	32.3	24.0	36.0





#39

Methylcyclohexane

Concen: 20.311 ug/l

RT: 9.116 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY020135.D

Acq: 04 Nov 2024 11:38

Instrument :

MSVOA_Y

ClientSampleId :

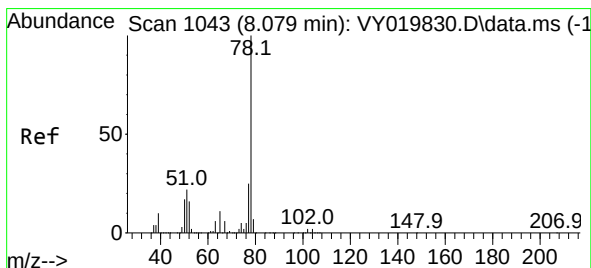
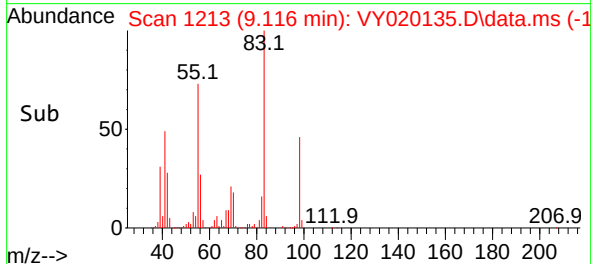
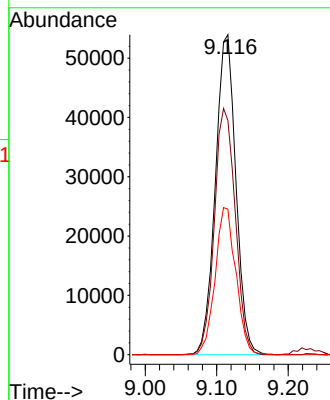
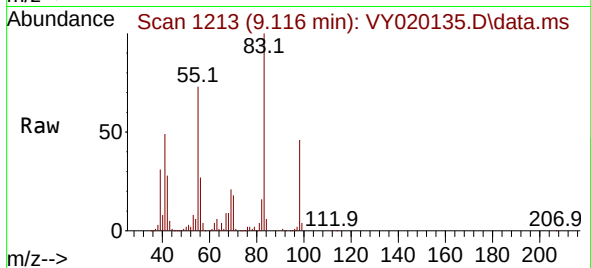
Tgt Ion: 83 Resp: 107524

Ion Ratio Lower Upper

83 100

55 73.2 51.5 77.3

98 45.5 40.5 60.7



#40

Benzene

Concen: 20.724 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. 0.006 min

Lab File: VY020135.D

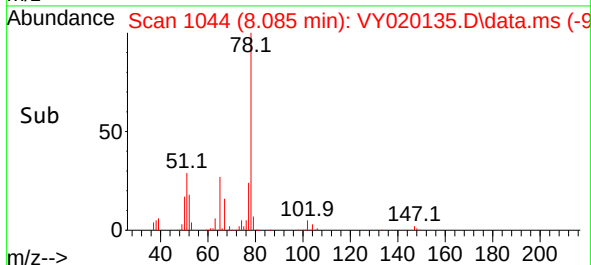
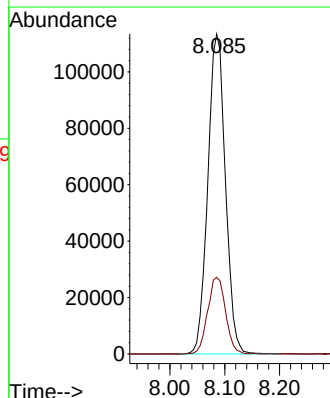
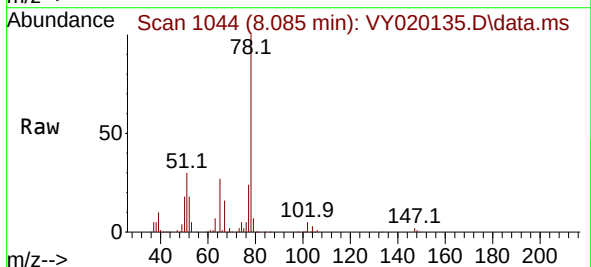
Acq: 04 Nov 2024 11:38

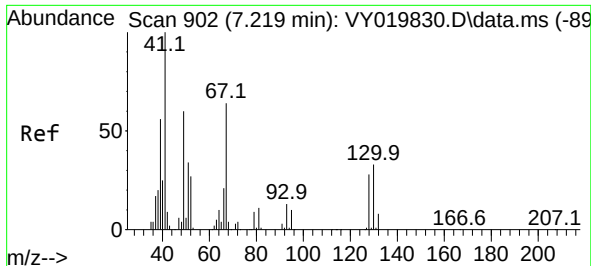
Tgt Ion: 78 Resp: 252306

Ion Ratio Lower Upper

78 100

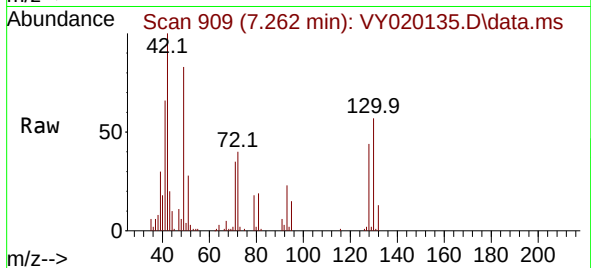
77 23.9 19.5 29.3



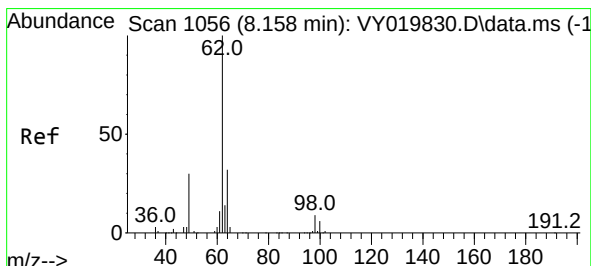
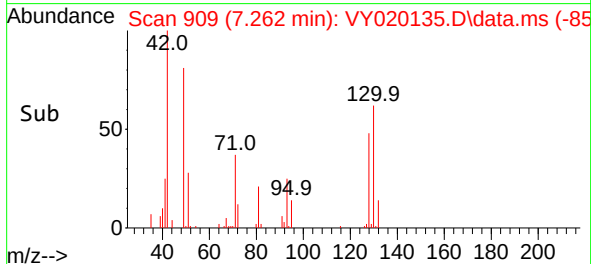
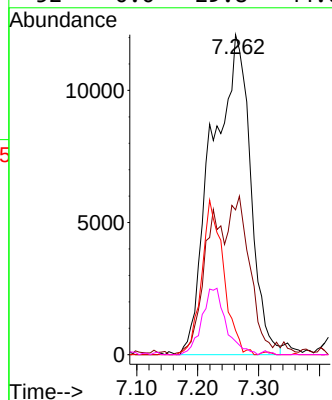


#41
Methacrylonitrile
Concen: 53.043 ug/l
RT: 7.262 min Scan# 90
Delta R.T. 0.043 min
Lab File: VY020135.D
Acq: 04 Nov 2024 11:38

Instrument :
MSVOA_Y
ClientSampleId :

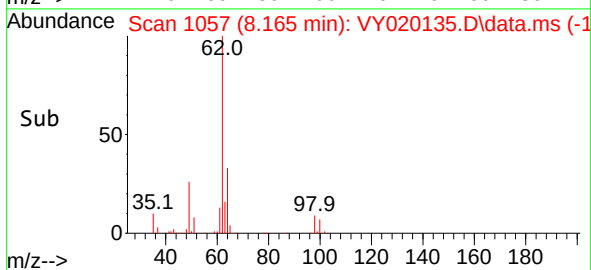
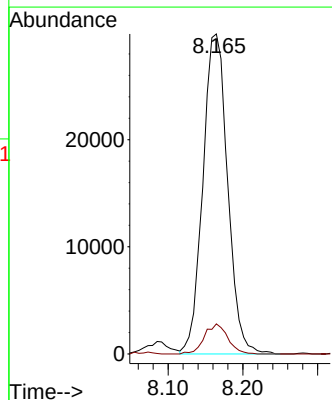
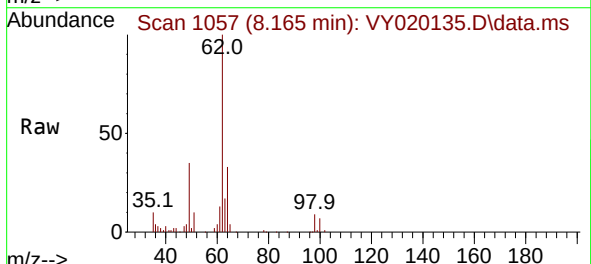


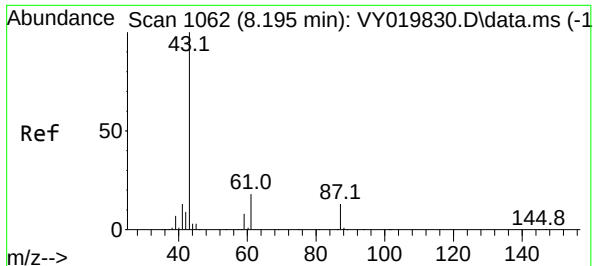
Tgt Ion: 41 Resp: 52839
Ion Ratio Lower Upper
41 100
39 22.6 48.0 72.0#
67 0.0 75.1 112.7#
52 0.0 29.8 44.6#



#42
1,2-Dichloroethane
Concen: 20.379 ug/l
RT: 8.165 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VY020135.D
Acq: 04 Nov 2024 11:38

Tgt Ion: 62 Resp: 68677
Ion Ratio Lower Upper
62 100
98 8.9 0.0 22.0

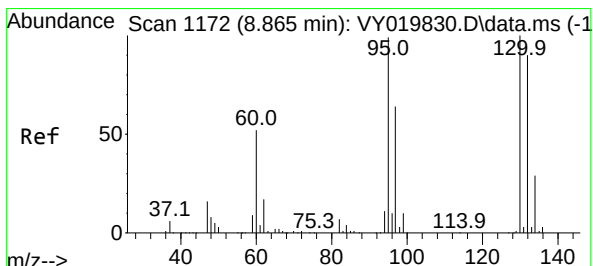
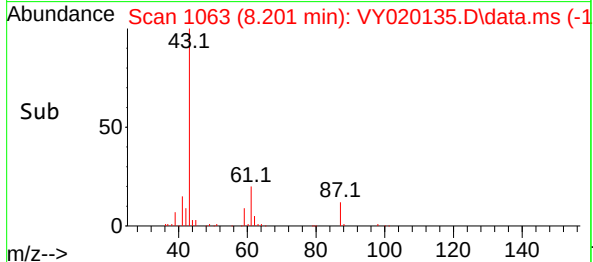
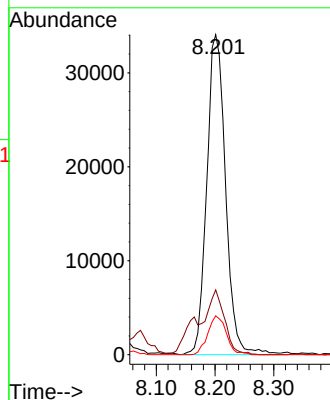
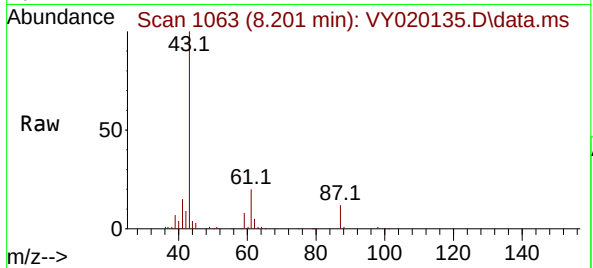




#43
Isopropyl Acetate
Concen: 19.832 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. 0.006 min
Lab File: VY020135.D
Acq: 04 Nov 2024 11:38

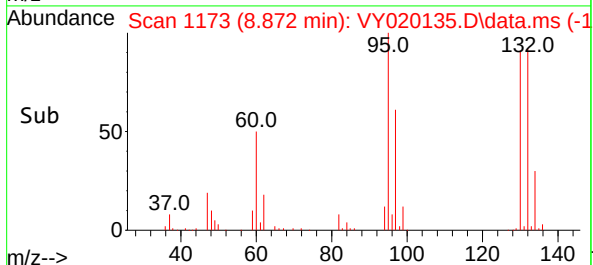
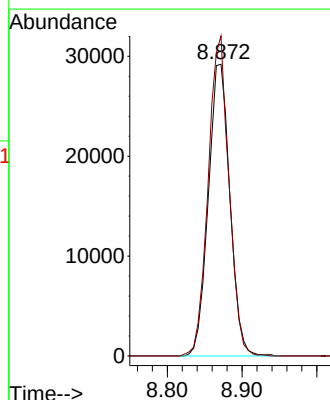
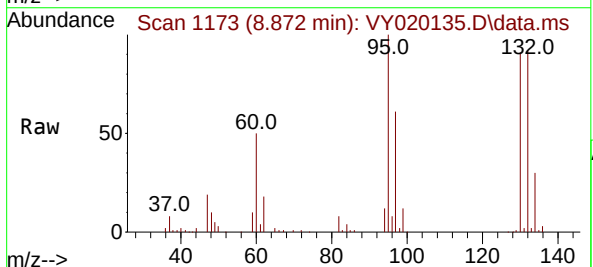
Instrument :
MSVOA_Y
ClientSampleId :

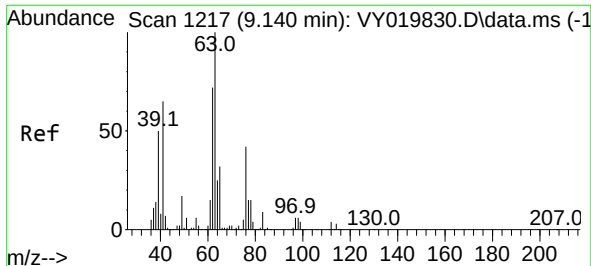
Tgt Ion: 43 Resp: 75840
Ion Ratio Lower Upper
43 100
61 18.4 27.9 41.9#
87 11.9 13.1 19.7#



#44
Trichloroethene
Concen: 20.821 ug/l
RT: 8.872 min Scan# 1173
Delta R.T. 0.006 min
Lab File: VY020135.D
Acq: 04 Nov 2024 11:38

Tgt Ion: 130 Resp: 58749
Ion Ratio Lower Upper
130 100
95 109.7 0.0 188.0





#45

1,2-Dichloropropane

Concen: 20.821 ug/l

RT: 9.146 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY020135.D

Acq: 04 Nov 2024 11:38

Instrument :

MSVOA_Y

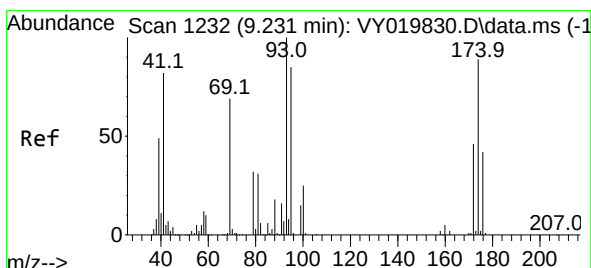
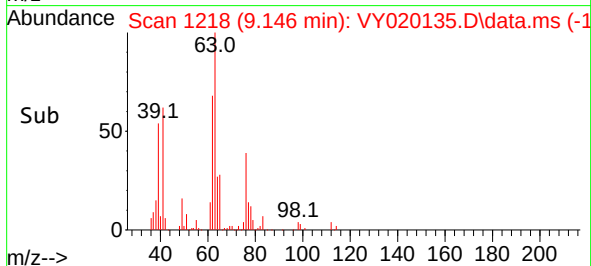
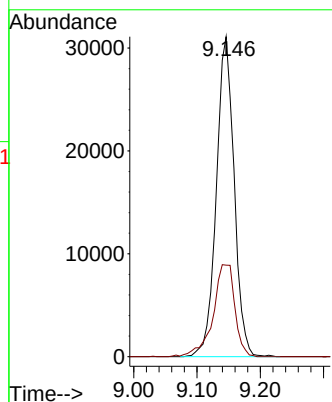
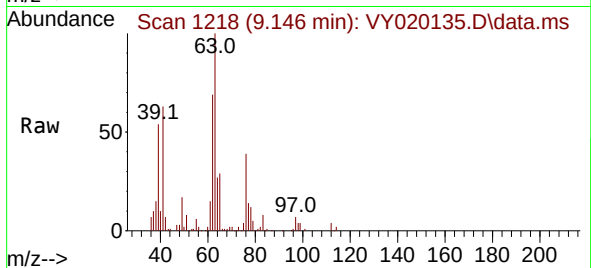
ClientSampleId :

Tgt Ion: 63 Resp: 60647

Ion Ratio Lower Upper

63 100

65 28.6 25.4 38.2



#46

Dibromomethane

Concen: 19.909 ug/l

RT: 9.237 min Scan# 1233

Delta R.T. 0.006 min

Lab File: VY020135.D

Acq: 04 Nov 2024 11:38

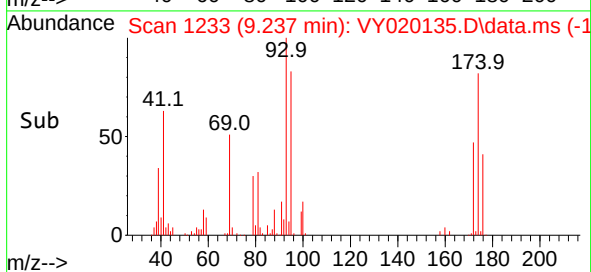
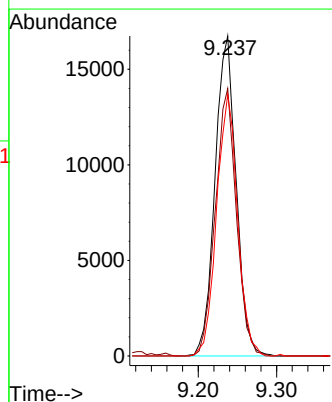
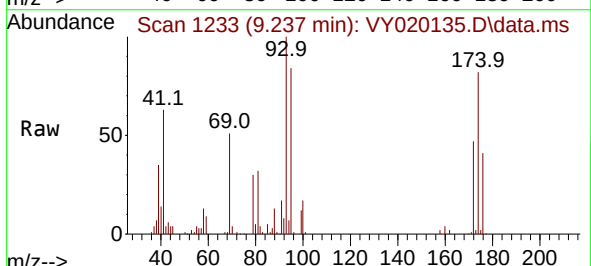
Tgt Ion: 93 Resp: 31422

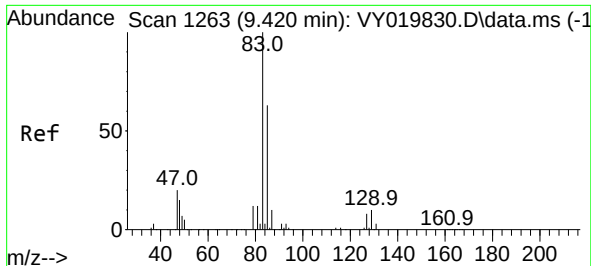
Ion Ratio Lower Upper

93 100

95 83.3 66.2 99.4

174 81.0 80.9 121.3

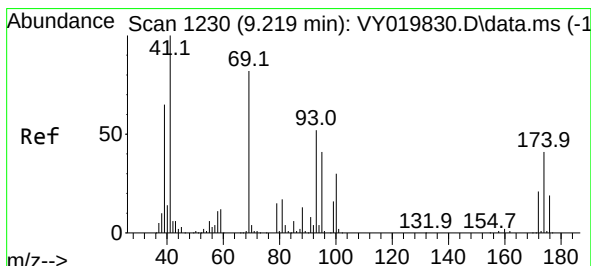
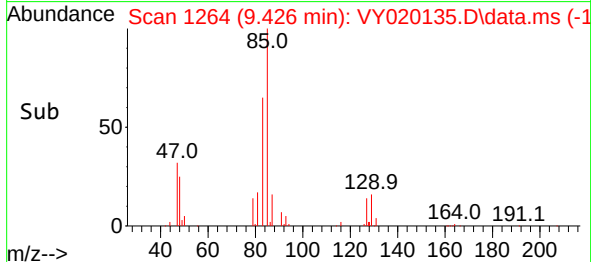
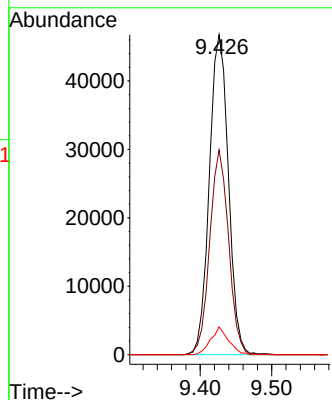
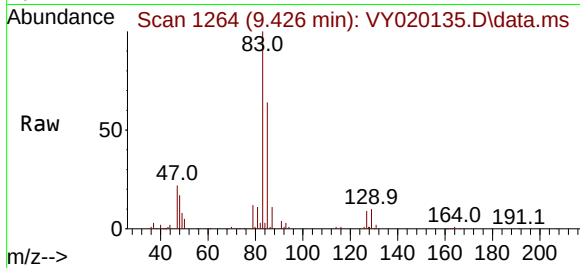




#47
Bromodichloromethane
Concen: 20.946 ug/l
RT: 9.426 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY020135.D
Acq: 04 Nov 2024 11:38

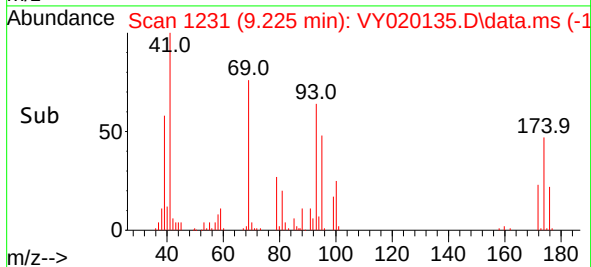
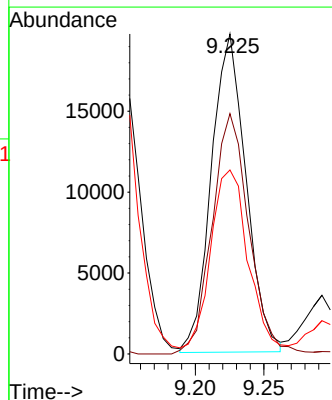
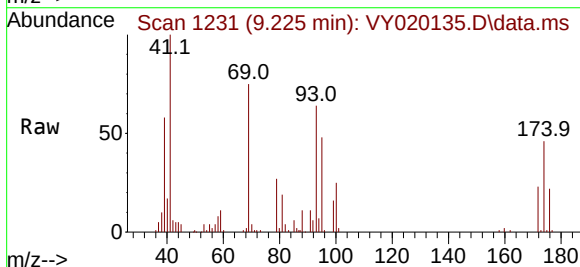
Instrument :
MSVOA_Y
ClientSampleId :

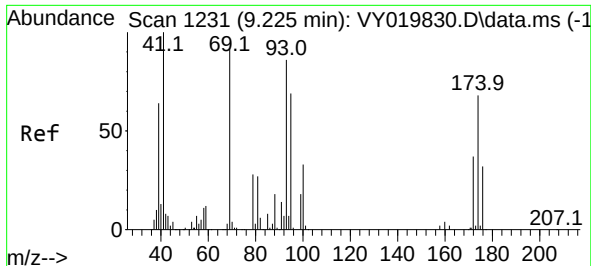
Tgt Ion: 83 Resp: 86606
Ion Ratio Lower Upper
83 100
85 64.0 50.1 75.1
127 8.7 7.4 11.0



#48
Methyl methacrylate
Concen: 19.515 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.006 min
Lab File: VY020135.D
Acq: 04 Nov 2024 11:38

Tgt Ion: 41 Resp: 34567
Ion Ratio Lower Upper
41 100
69 80.7 84.1 126.1#
39 59.8 43.6 65.4





#49

1,4-Dioxane

Concen: 404.083 ug/l

RT: 9.244 min Scan# 11

Delta R.T. 0.013 min

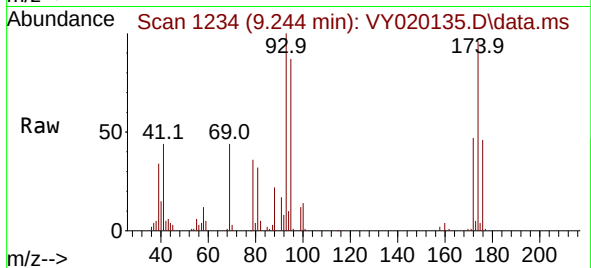
Lab File: VY020135.D

Acq: 04 Nov 2024 11:38

Instrument :

MSVOA_Y

ClientSampleId :



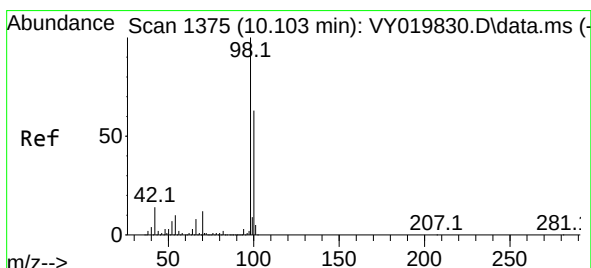
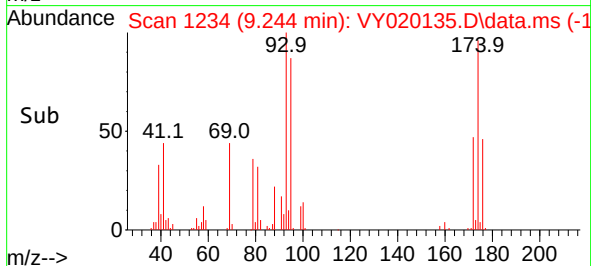
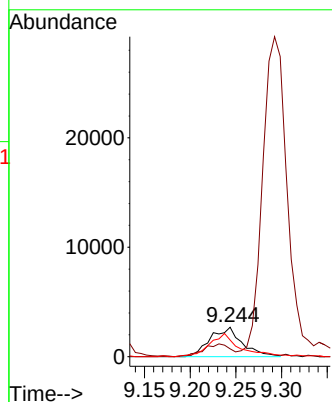
Tgt Ion: 88 Resp: 6566

Ion Ratio Lower Upper

88 100

43 36.2 0.0 0.0#

58 77.3 49.3 73.9#



#50

Toluene-d8

Concen: 54.572 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY020135.D

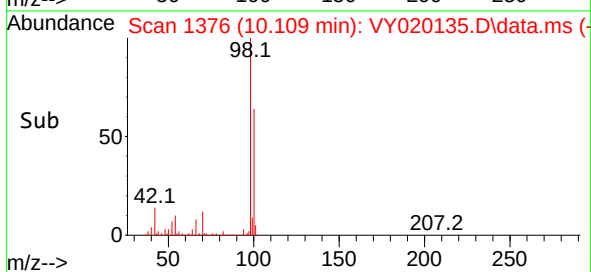
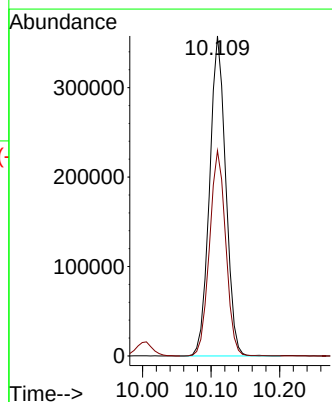
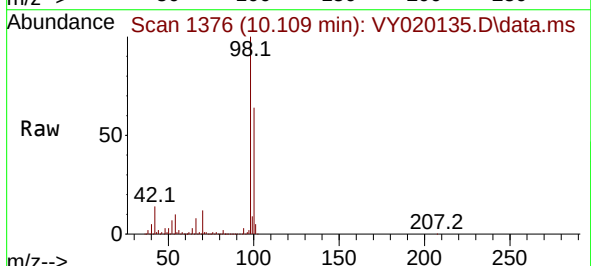
Acq: 04 Nov 2024 11:38

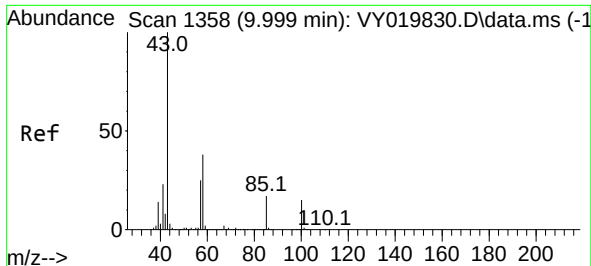
Tgt Ion: 98 Resp: 586517

Ion Ratio Lower Upper

98 100

100 64.3 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 97.896 ug/l

RT: 10.000 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY020135.D

Acq: 04 Nov 2024 11:38

Instrument :

MSVOA_Y

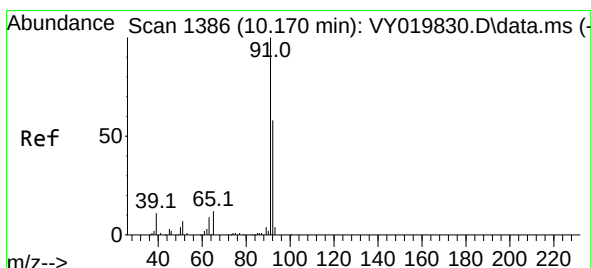
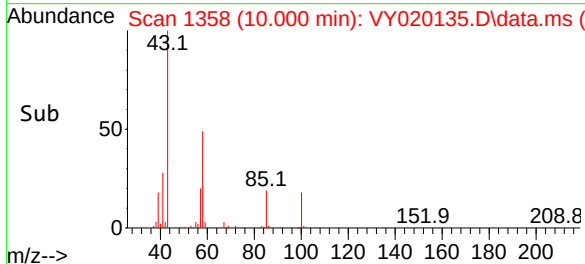
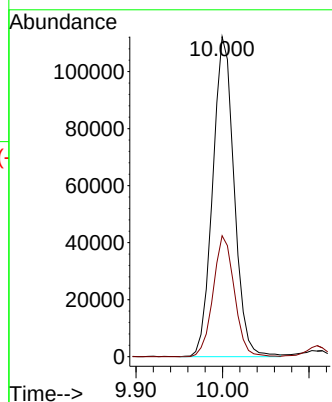
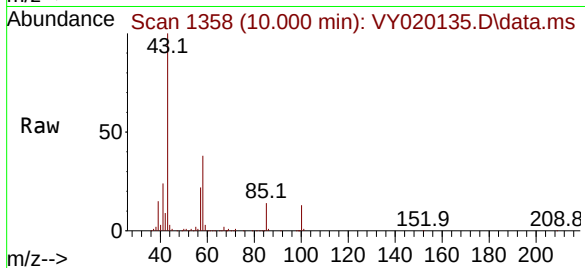
ClientSampleId :

Tgt Ion: 43 Resp: 192895

Ion Ratio Lower Upper

43 100

58 37.5 35.7 53.5



#52

Toluene

Concen: 20.882 ug/l

RT: 10.176 min Scan# 1387

Delta R.T. 0.006 min

Lab File: VY020135.D

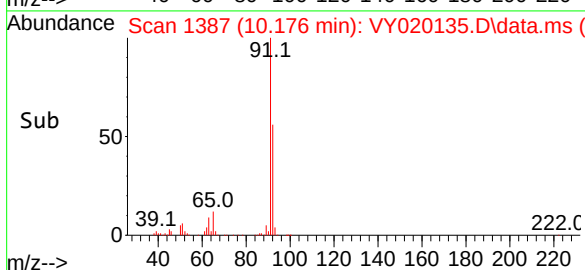
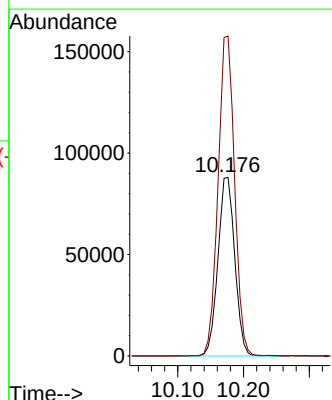
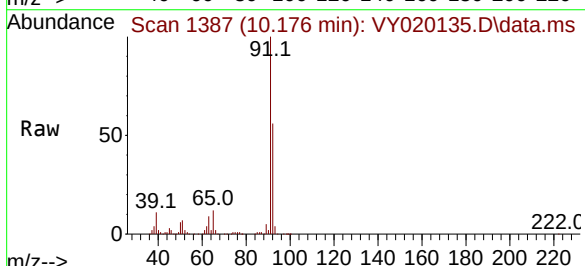
Acq: 04 Nov 2024 11:38

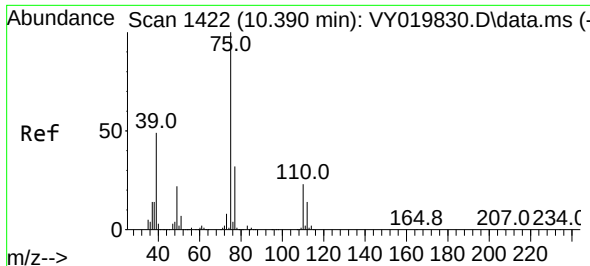
Tgt Ion: 92 Resp: 156716

Ion Ratio Lower Upper

92 100

91 176.0 139.0 208.6

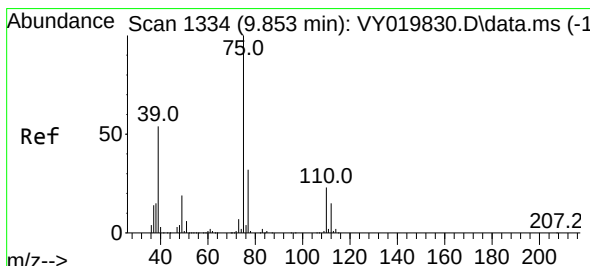
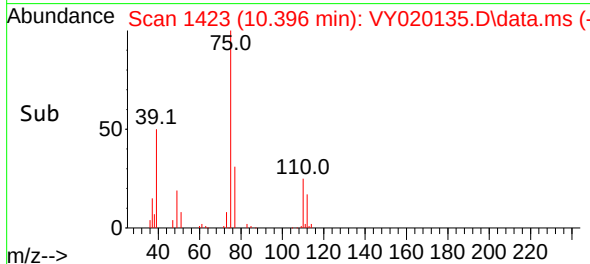
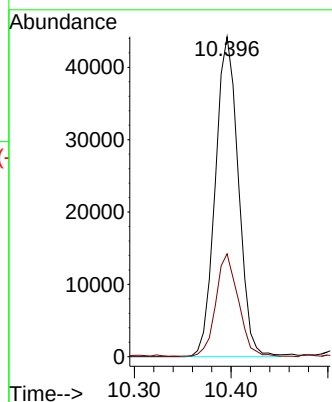
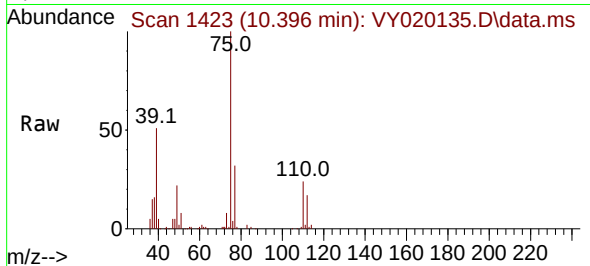




#53
 t-1,3-Dichloropropene
 Concen: 20.039 ug/l
 RT: 10.396 min Scan# 1422
 Delta R.T. 0.000 min
 Lab File: VY020135.D
 Acq: 04 Nov 2024 11:38

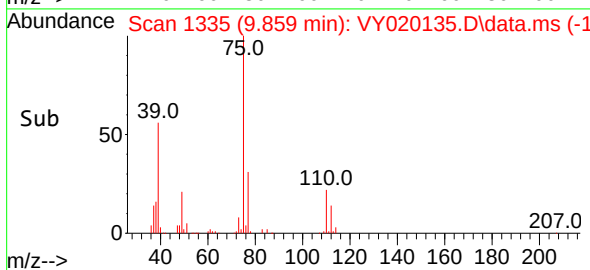
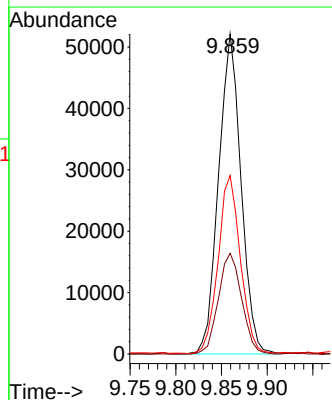
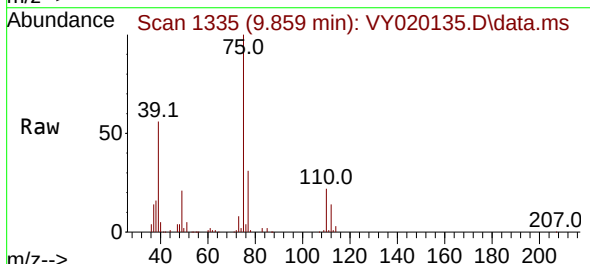
Instrument :
 MSVOA_Y
 ClientSampleId :

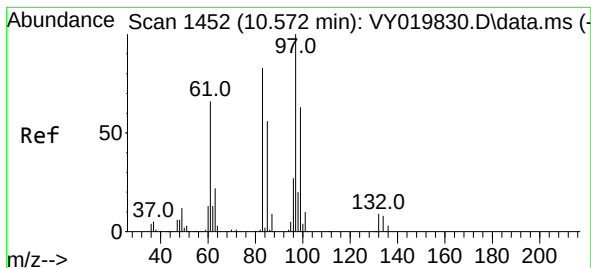
Tgt Ion: 75 Resp: 73163
 Ion Ratio Lower Upper
 75 100
 77 32.0 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 20.448 ug/l
 RT: 9.859 min Scan# 1335
 Delta R.T. 0.000 min
 Lab File: VY020135.D
 Acq: 04 Nov 2024 11:38

Tgt Ion: 75 Resp: 89110
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.4 38.0
 39 55.5 29.8 44.6#





#55

1,1,2-Trichloroethane

Concen: 20.748 ug/l

RT: 10.573 min Scan# 1452

Delta R.T. 0.000 min

Lab File: VY020135.D

Acq: 04 Nov 2024 11:38

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 40715

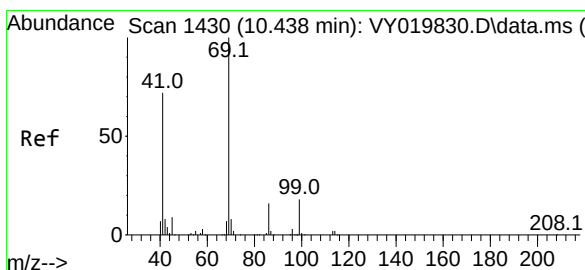
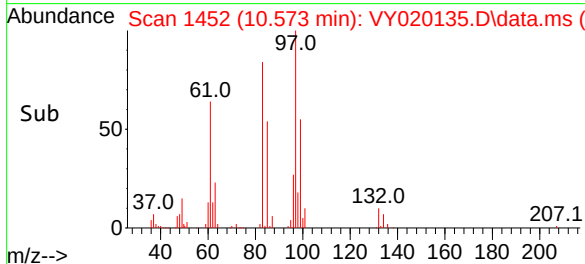
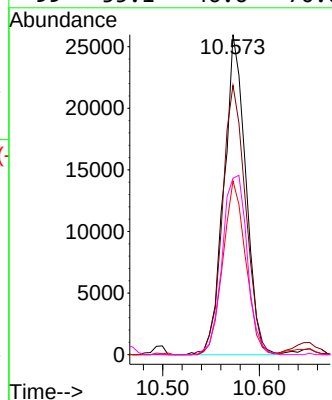
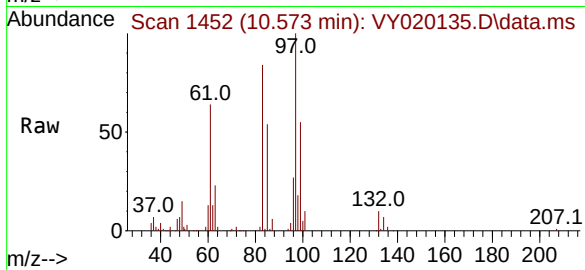
Ion Ratio Lower Upper

97 100

83 84.2 67.5 101.3

85 54.3 42.9 64.3

99 55.1 46.6 70.0



#56

Ethyl methacrylate

Concen: 19.491 ug/l

RT: 10.445 min Scan# 1431

Delta R.T. 0.006 min

Lab File: VY020135.D

Acq: 04 Nov 2024 11:38

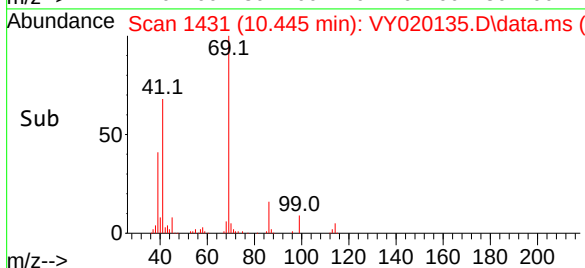
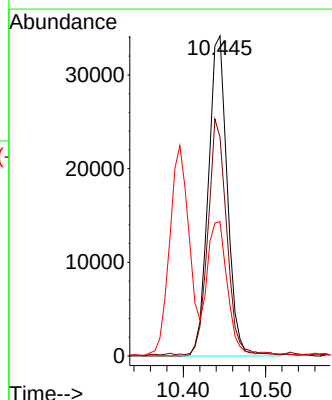
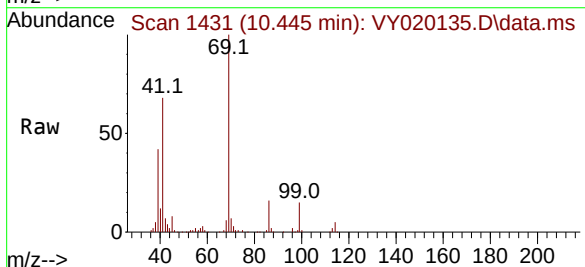
Tgt Ion: 69 Resp: 54864

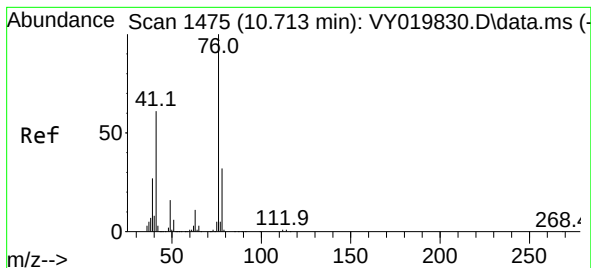
Ion Ratio Lower Upper

69 100

41 71.6 42.3 63.5#

39 42.8 22.9 34.3#





#57

1,3-Dichloropropane

Concen: 20.259 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VY020135.D

Acq: 04 Nov 2024 11:38

Instrument :

MSVOA_Y

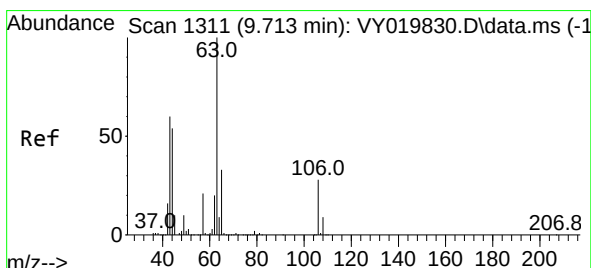
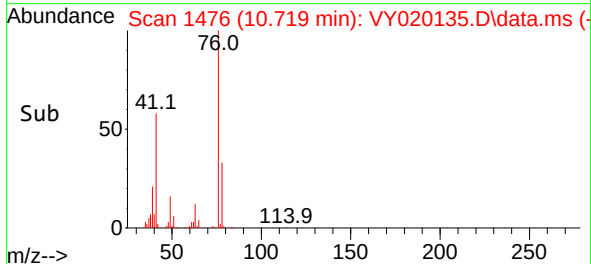
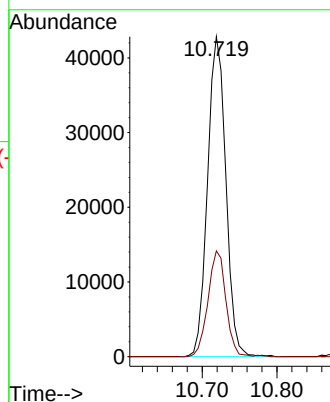
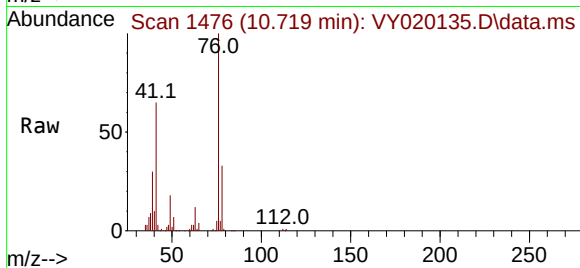
ClientSampleId :

Tgt Ion: 76 Resp: 72805

Ion Ratio Lower Upper

76 100

78 32.3 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 91.614 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY020135.D

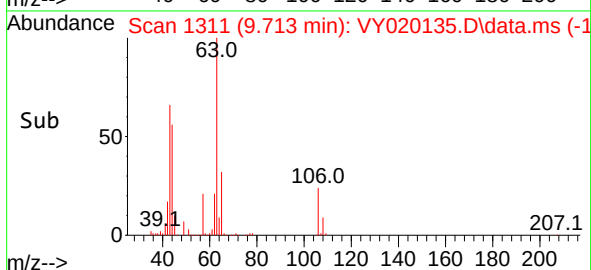
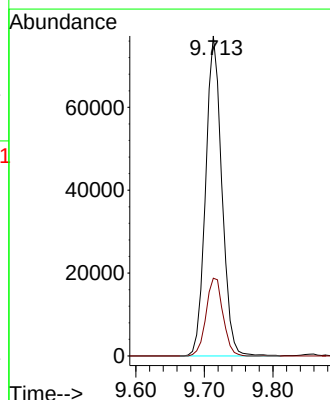
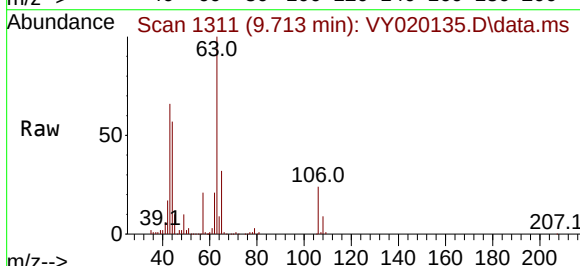
Acq: 04 Nov 2024 11:38

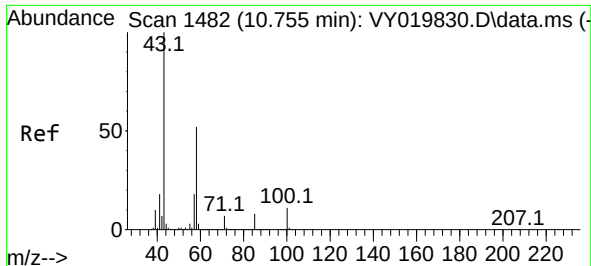
Tgt Ion: 63 Resp: 127181

Ion Ratio Lower Upper

63 100

106 25.3 23.7 35.5

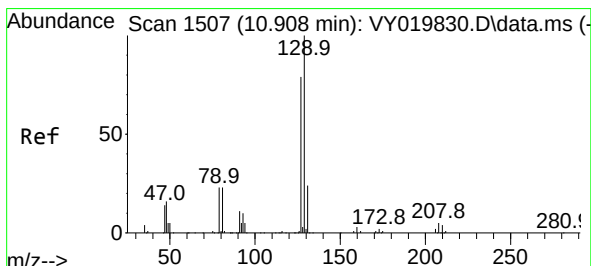
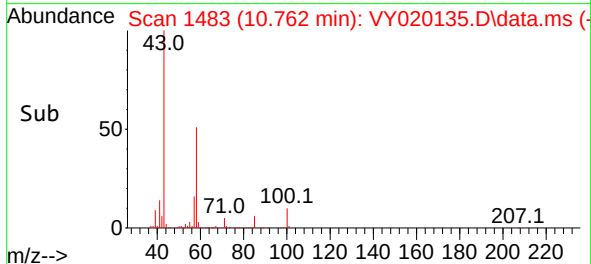
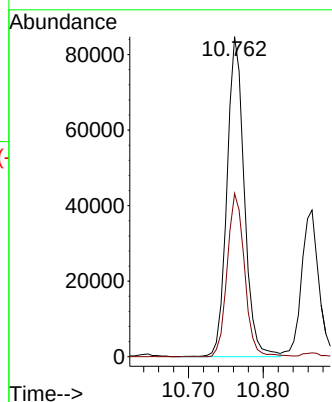
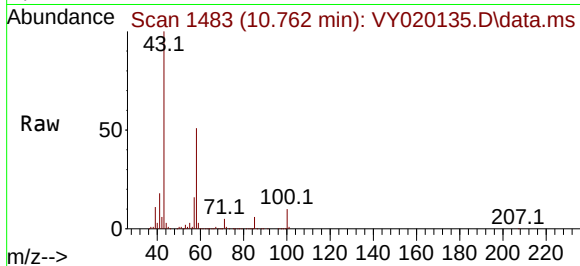




#59
2-Hexanone
Concen: 96.462 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY020135.D
Acq: 04 Nov 2024 11:38

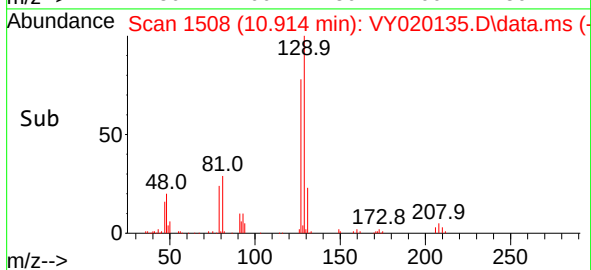
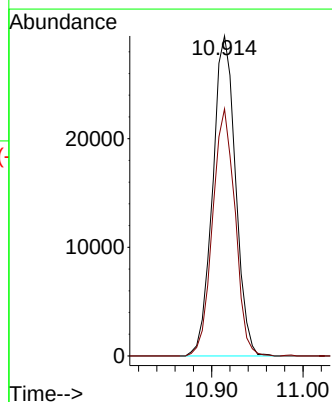
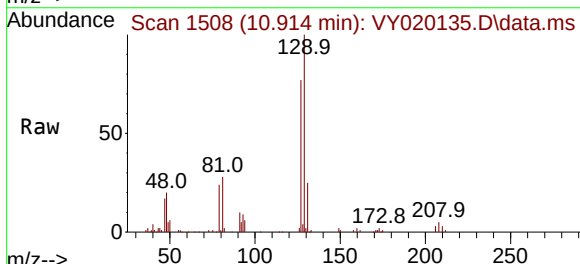
Instrument :
MSVOA_Y
ClientSampleId :

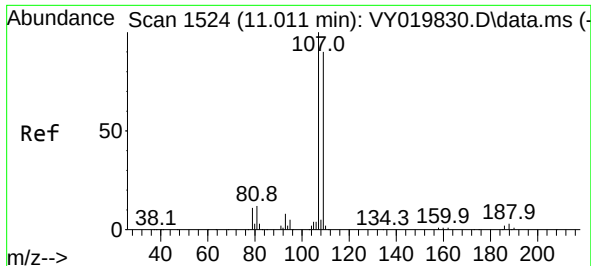
Tgt Ion: 43 Resp: 136265
Ion Ratio Lower Upper
43 100
58 51.2 31.4 94.0



#60
Dibromochloromethane
Concen: 20.507 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VY020135.D
Acq: 04 Nov 2024 11:38

Tgt Ion: 129 Resp: 51296
Ion Ratio Lower Upper
129 100
127 75.6 39.0 117.0





#61

1,2-Dibromoethane

Concen: 20.460 ug/l

RT: 11.018 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020135.D

Acq: 04 Nov 2024 11:38

Instrument :

MSVOA_Y

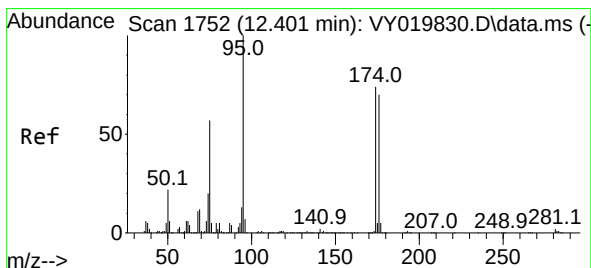
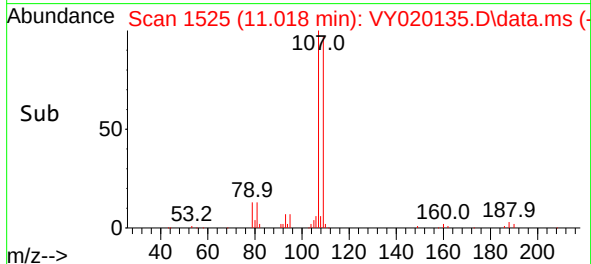
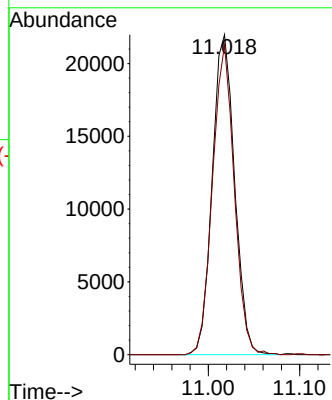
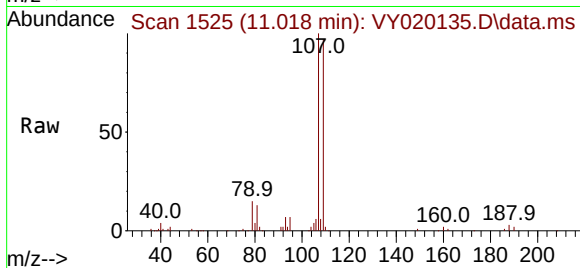
ClientSampleId :

Tgt Ion:107 Resp: 37301

Ion Ratio Lower Upper

107 100

109 94.1 75.9 113.9



#62

4-Bromofluorobenzene

Concen: 54.063 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.000 min

Lab File: VY020135.D

Acq: 04 Nov 2024 11:38

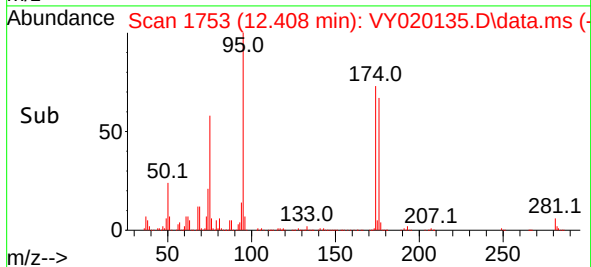
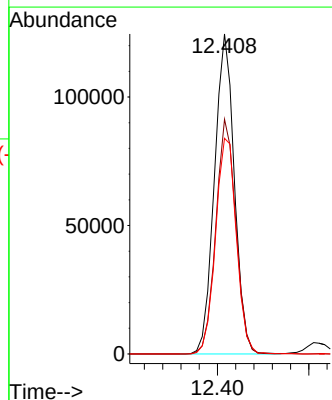
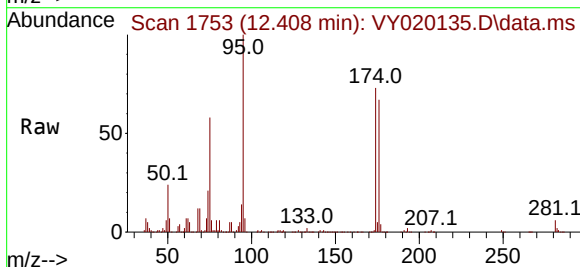
Tgt Ion: 95 Resp: 188732

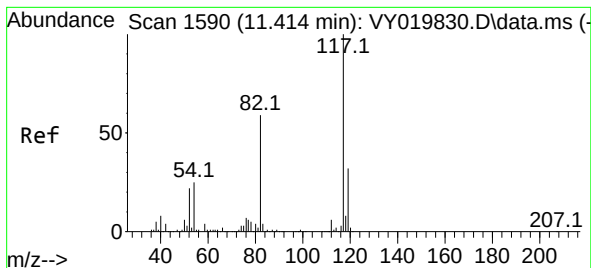
Ion Ratio Lower Upper

95 100

174 73.7 0.0 175.6

176 70.3 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 1591

Delta R.T. 0.000 min

Lab File: VY020135.D

Acq: 04 Nov 2024 11:38

Instrument :

MSVOA_Y

ClientSampleId :

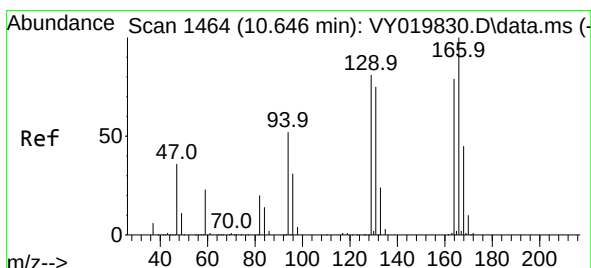
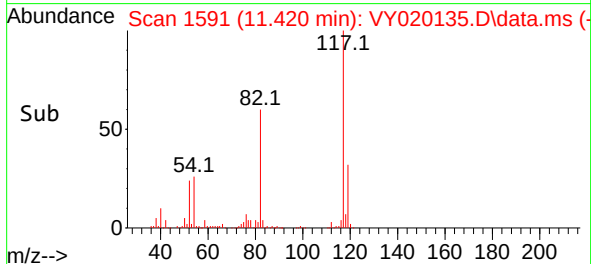
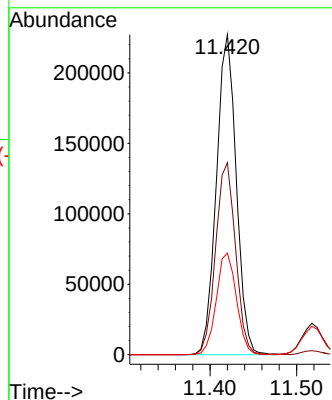
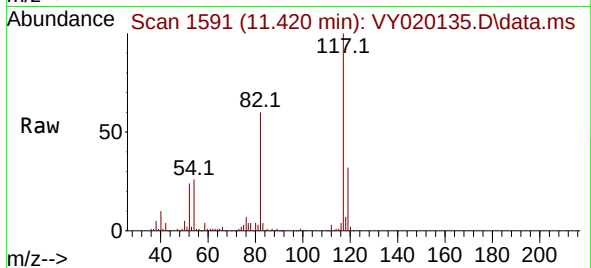
Tgt Ion:117 Resp: 362446

Ion Ratio Lower Upper

117 100

82 60.0 42.4 63.6

119 31.8 25.9 38.9



#64

Tetrachloroethene

Concen: 20.392 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VY020135.D

Acq: 04 Nov 2024 11:38

Tgt Ion:164 Resp: 48801

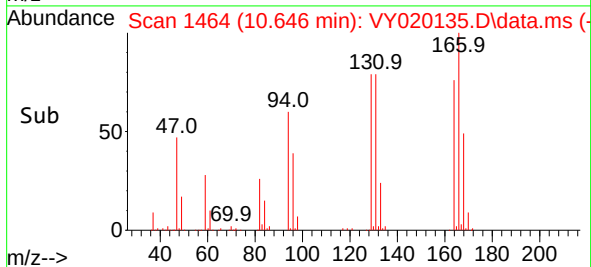
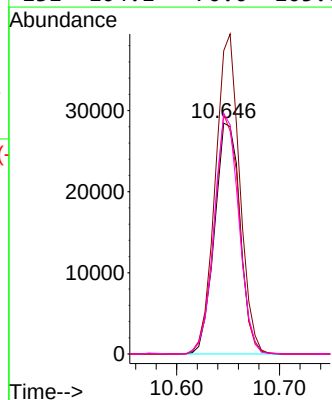
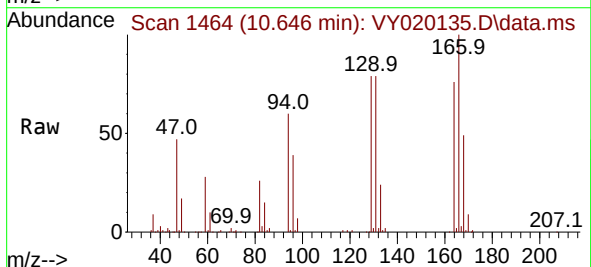
Ion Ratio Lower Upper

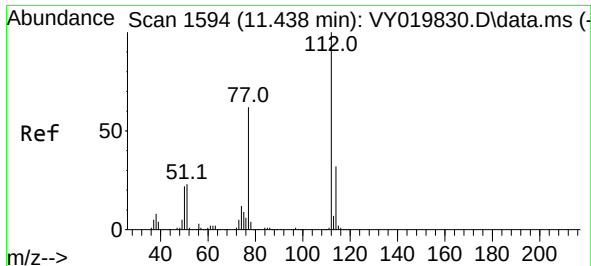
164 100

166 131.2 102.6 154.0

129 103.7 72.0 108.0

131 104.1 70.0 105.0

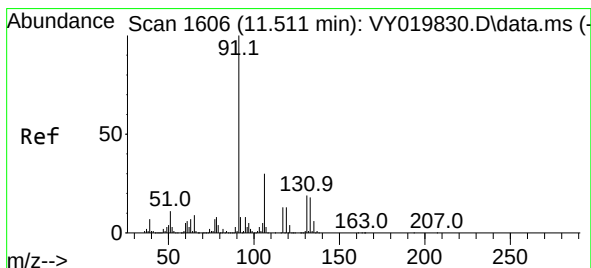
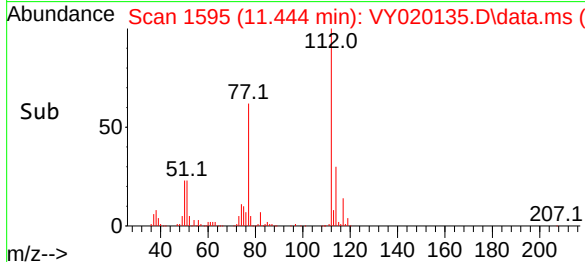
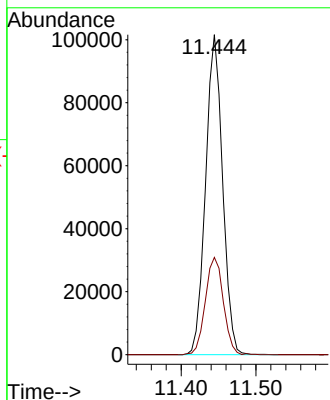
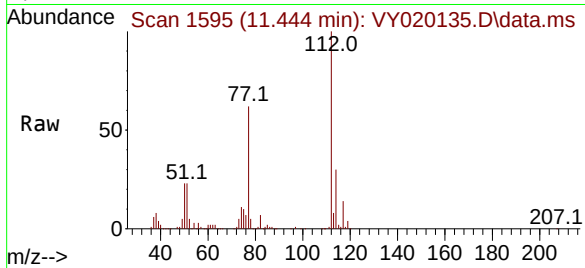




#65
Chlorobenzene
Concen: 20.750 ug/l
RT: 11.444 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY020135.D
Acq: 04 Nov 2024 11:38

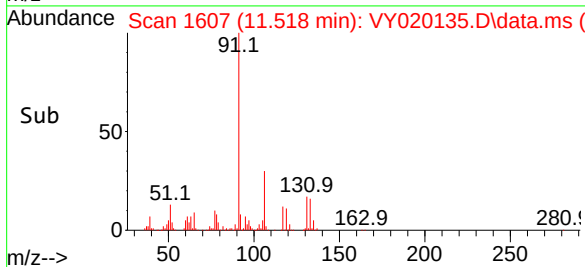
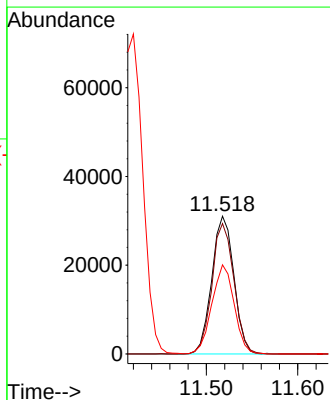
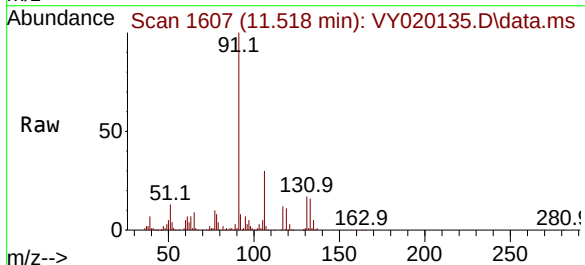
Instrument :
MSVOA_Y
ClientSampleId :

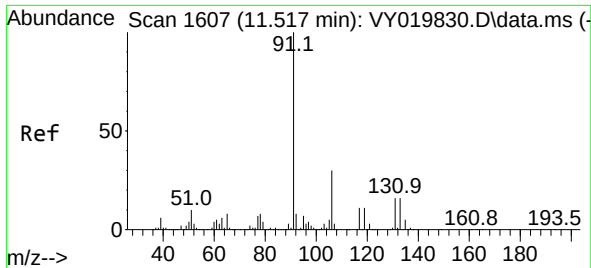
Tgt Ion:112 Resp: 160253
Ion Ratio Lower Upper
112 100
114 30.4 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 21.155 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY020135.D
Acq: 04 Nov 2024 11:38

Tgt Ion:131 Resp: 52198
Ion Ratio Lower Upper
131 100
133 94.5 47.8 143.3
119 65.3 34.1 102.2

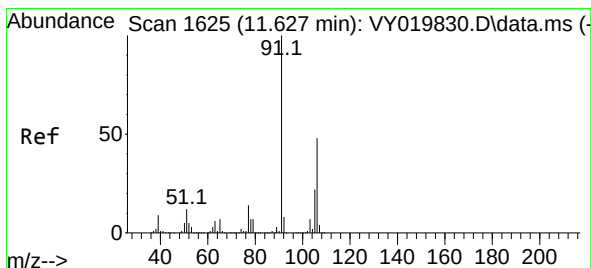
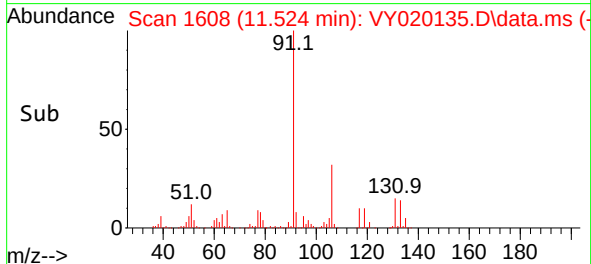
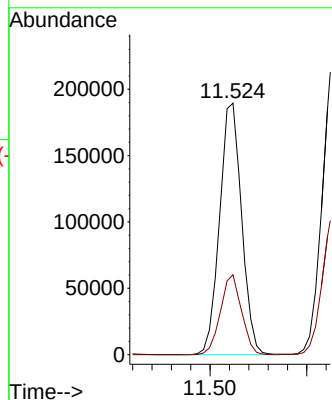
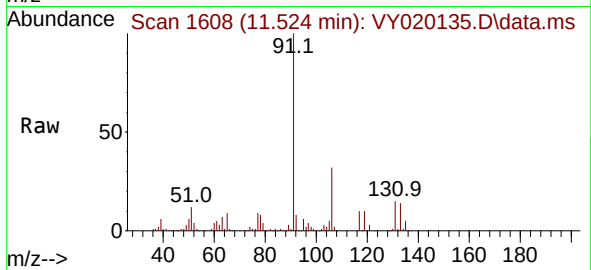




#67
Ethyl Benzene
Concen: 20.725 ug/l
RT: 11.524 min Scan# 1608
Delta R.T. 0.000 min
Lab File: VY020135.D
Acq: 04 Nov 2024 11:38

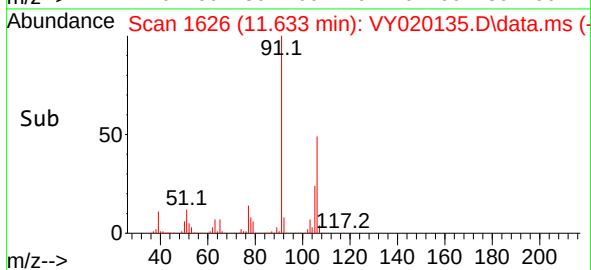
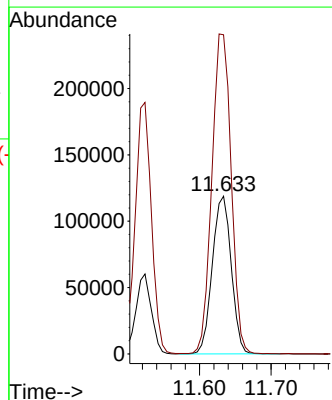
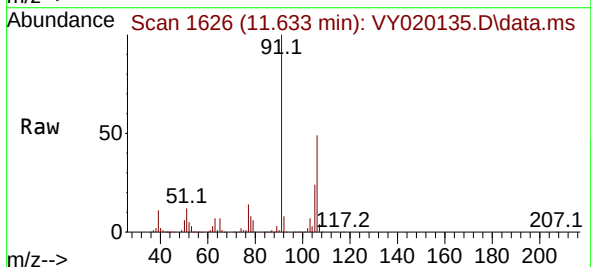
Instrument :
MSVOA_Y
ClientSampleId :

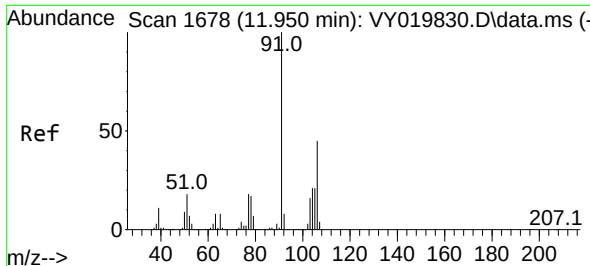
Tgt Ion: 91 Resp: 299190
Ion Ratio Lower Upper
91 100
106 31.8 24.5 36.7



#68
m/p-Xylenes
Concen: 41.318 ug/l
RT: 11.633 min Scan# 1626
Delta R.T. 0.000 min
Lab File: VY020135.D
Acq: 04 Nov 2024 11:38

Tgt Ion:106 Resp: 218233
Ion Ratio Lower Upper
106 100
91 206.9 156.0 234.0

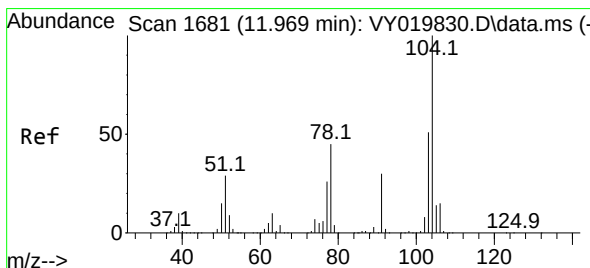
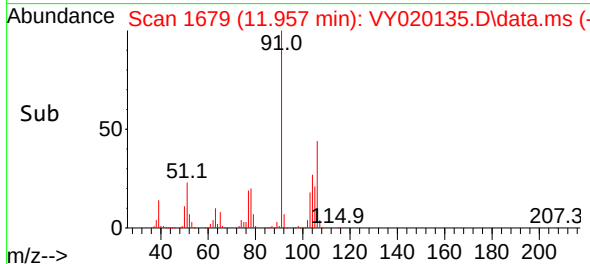
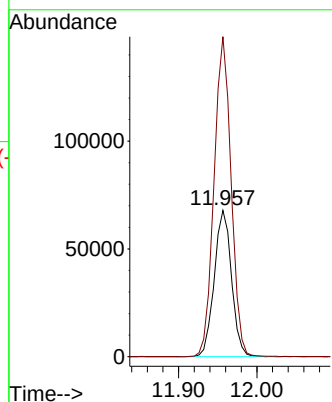
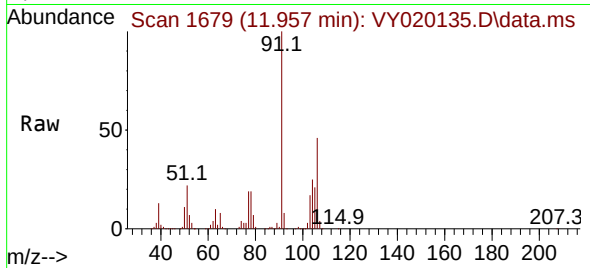




#69
o-Xylene
Concen: 20.805 ug/l
RT: 11.957 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VY020135.D
Acq: 04 Nov 2024 11:38

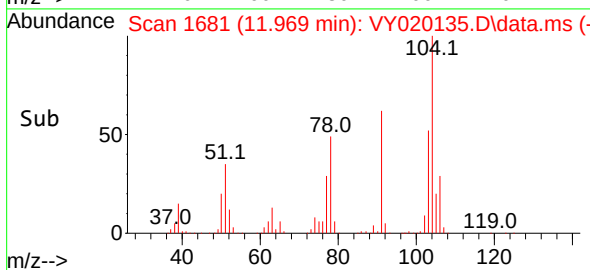
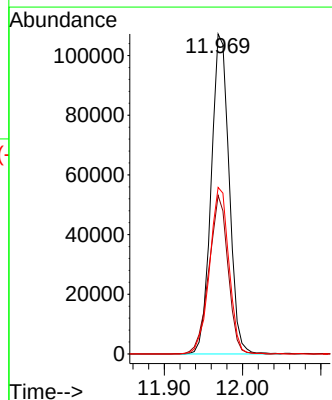
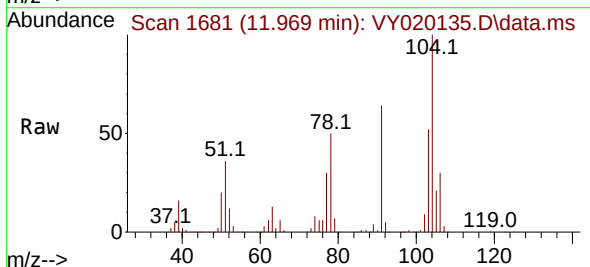
Instrument :
MSVOA_Y
ClientSampleId :

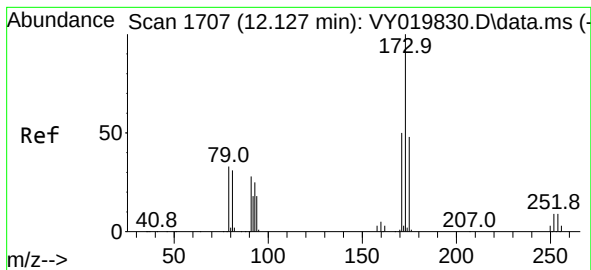
Tgt Ion:106 Resp: 104040
Ion Ratio Lower Upper
106 100
91 216.5 103.6 310.8



#70
Styrene
Concen: 20.606 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY020135.D
Acq: 04 Nov 2024 11:38

Tgt Ion:104 Resp: 170371
Ion Ratio Lower Upper
104 100
78 52.7 37.0 55.4
103 55.9 44.2 66.2





#71

Bromoform

Concen: 20.193 ug/l

RT: 12.133 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020135.D

Acq: 04 Nov 2024 11:38

Instrument :

MSVOA_Y

ClientSampleId :

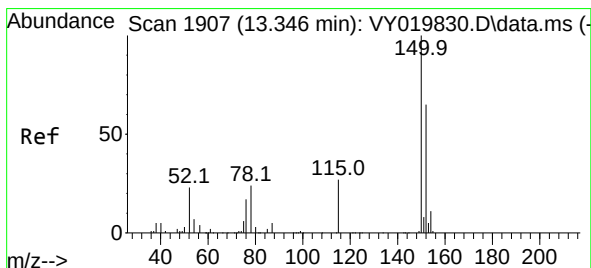
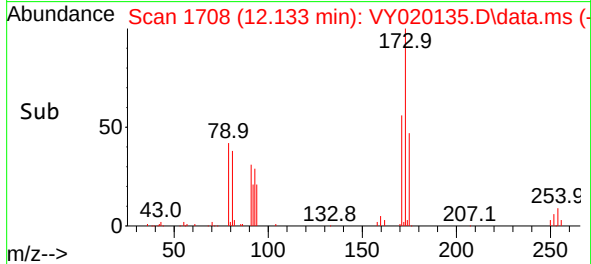
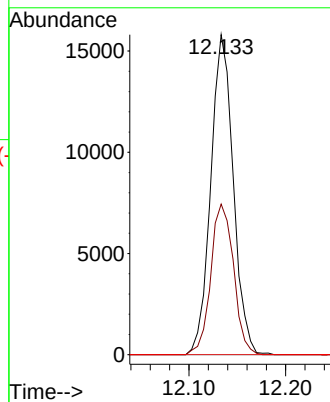
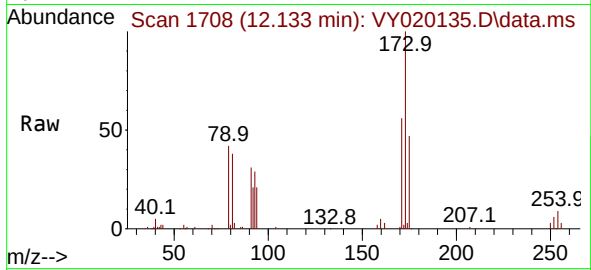
Tgt Ion:173 Resp: 25561

Ion Ratio Lower Upper

173 100

175 47.6 25.1 75.3

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY020135.D

Acq: 04 Nov 2024 11:38

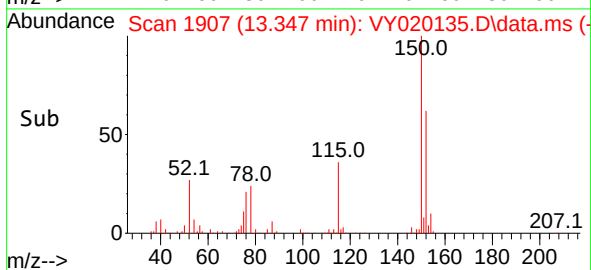
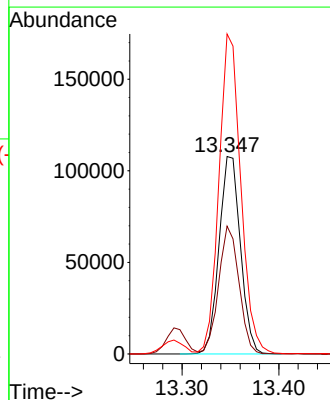
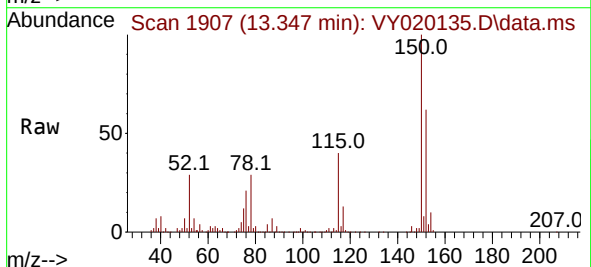
Tgt Ion:152 Resp: 165041

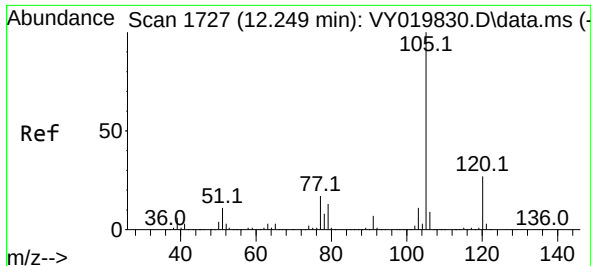
Ion Ratio Lower Upper

152 100

115 61.7 28.2 84.7

150 165.5 0.0 345.6

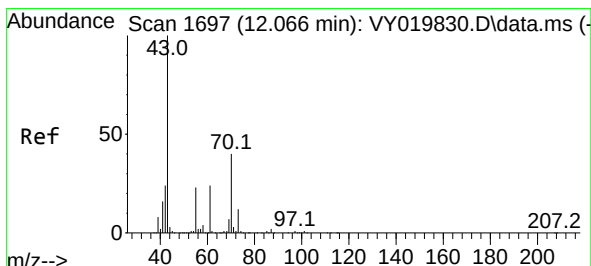
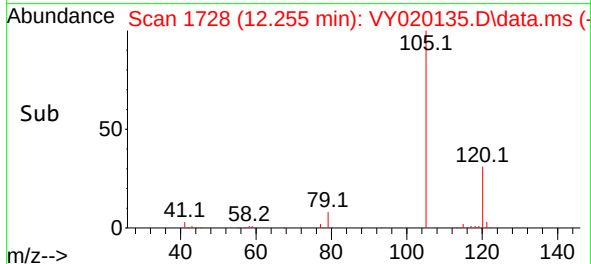
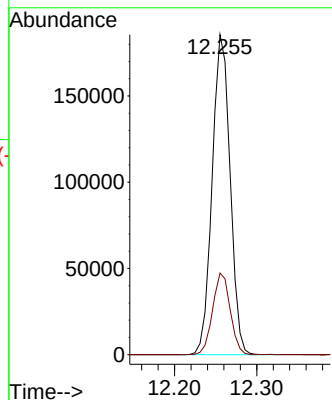
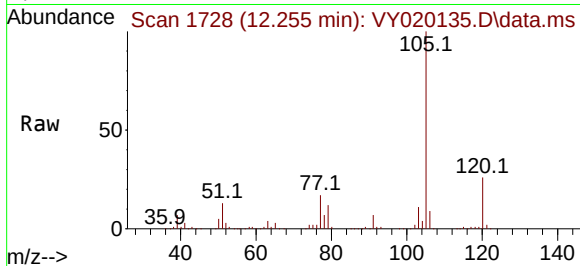




#73
Isopropylbenzene
Concen: 21.263 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. 0.000 min
Lab File: VY020135.D
Acq: 04 Nov 2024 11:38

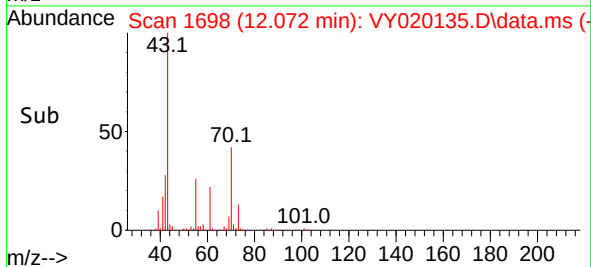
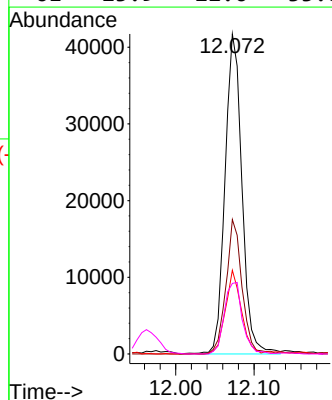
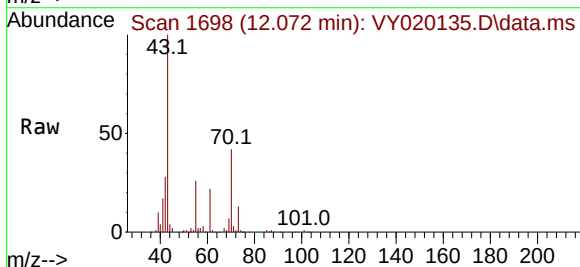
Instrument :
MSVOA_Y
ClientSampleId :

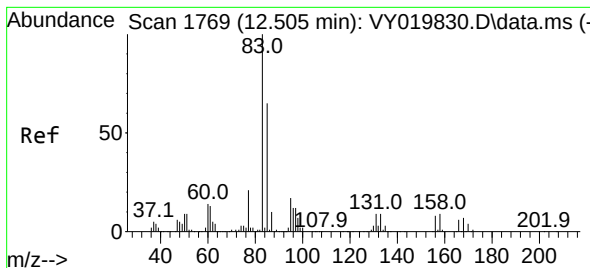
Tgt Ion:105 Resp: 280340
Ion Ratio Lower Upper
105 100
120 25.0 13.4 40.1



#74
N-ethyl acetate
Concen: 19.089 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY020135.D
Acq: 04 Nov 2024 11:38

Tgt Ion: 43 Resp: 62911
Ion Ratio Lower Upper
43 100
70 39.7 41.4 62.2#
55 24.9 23.3 34.9
61 23.9 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 20.294 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. -0.006 min

Lab File: VY020135.D

Acq: 04 Nov 2024 11:38

Instrument :

MSVOA_Y

ClientSampleId :

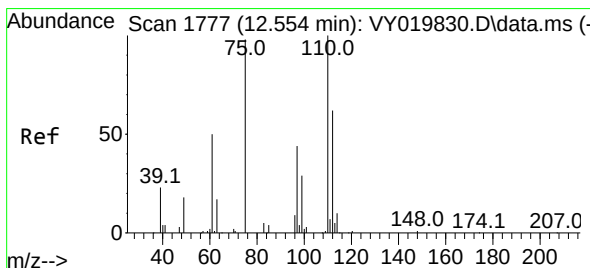
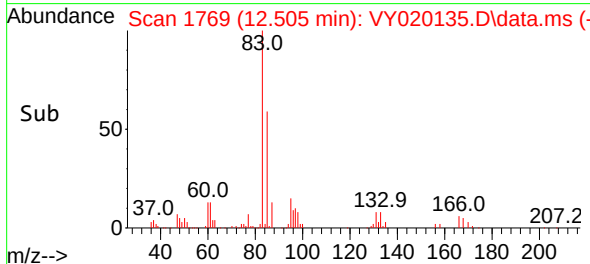
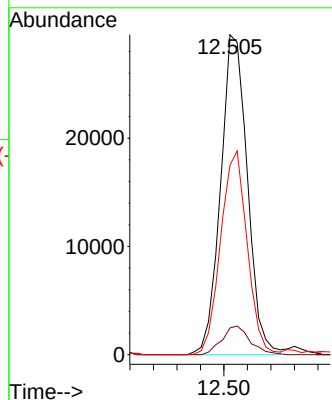
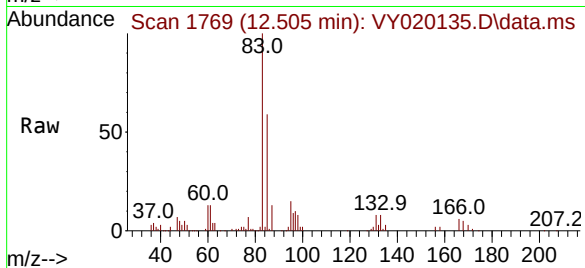
Tgt Ion: 83 Resp: 46794

Ion Ratio Lower Upper

83 100

131 9.4 5.0 14.9

85 63.2 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 38.448 ug/l

RT: 12.560 min Scan# 1778

Delta R.T. 0.000 min

Lab File: VY020135.D

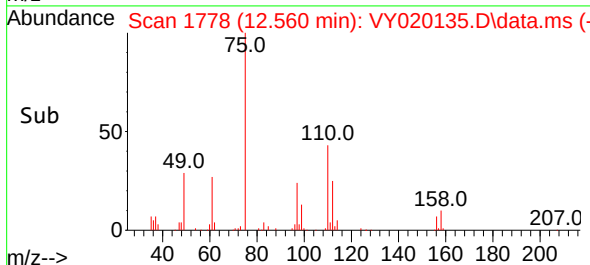
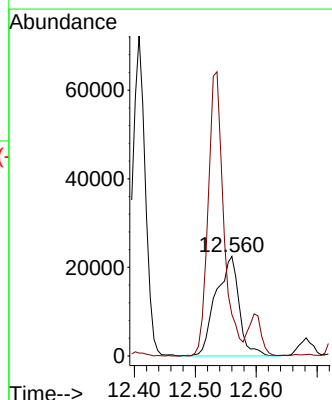
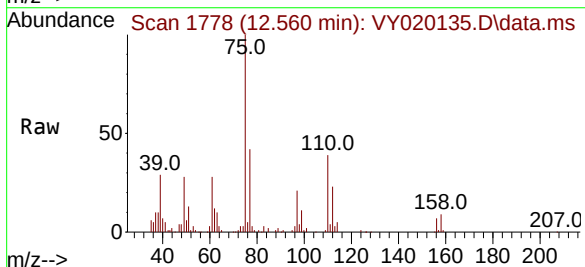
Acq: 04 Nov 2024 11:38

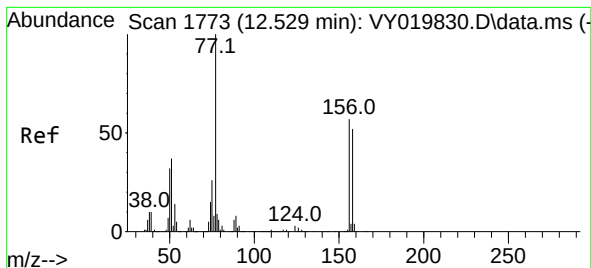
Tgt Ion: 75 Resp: 59483

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 21.167 ug/l

RT: 12.536 min Scan# 1774

Delta R.T. 0.000 min

Lab File: VY020135.D

Acq: 04 Nov 2024 11:38

Instrument :

MSVOA_Y

ClientSampleId :

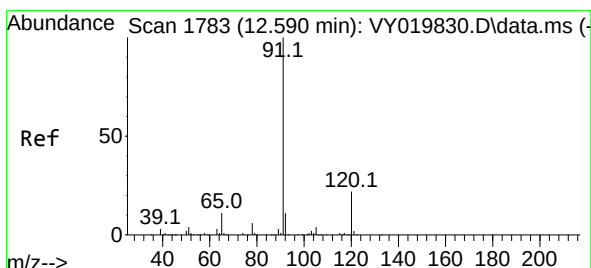
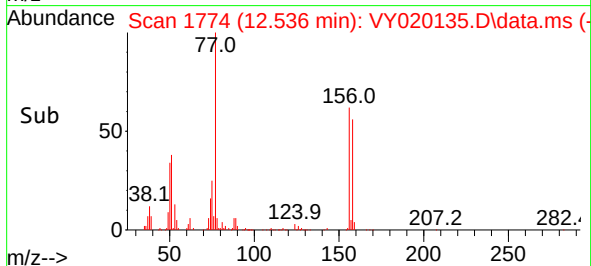
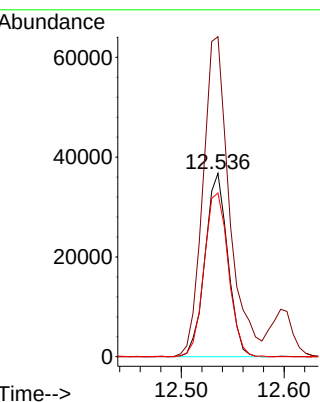
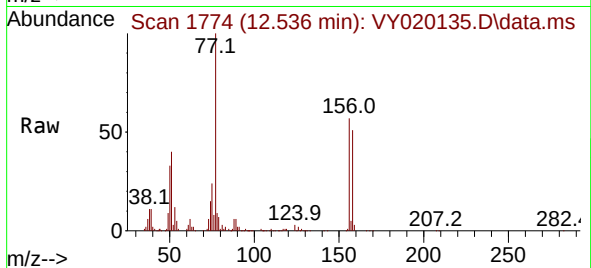
Tgt Ion:156 Resp: 56439

Ion Ratio Lower Upper

156 100

77 203.2 87.1 261.3

158 95.2 48.6 145.9



#78

n-propylbenzene

Concen: 21.077 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY020135.D

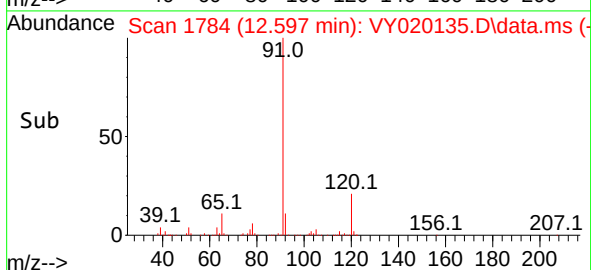
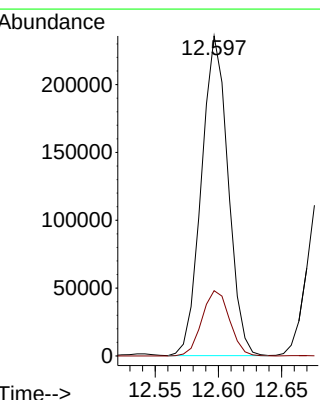
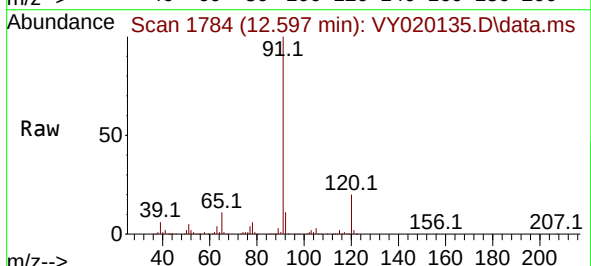
Acq: 04 Nov 2024 11:38

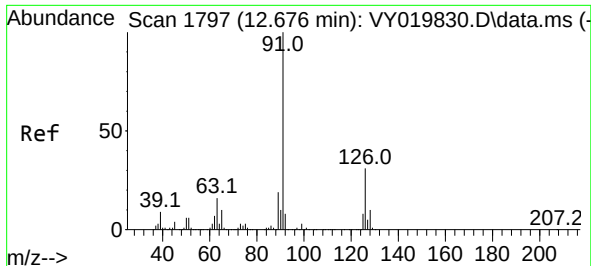
Tgt Ion: 91 Resp: 345845

Ion Ratio Lower Upper

91 100

120 21.0 11.5 34.4

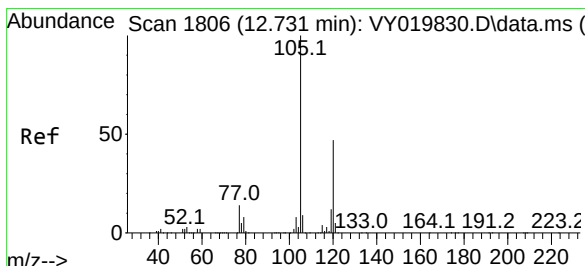
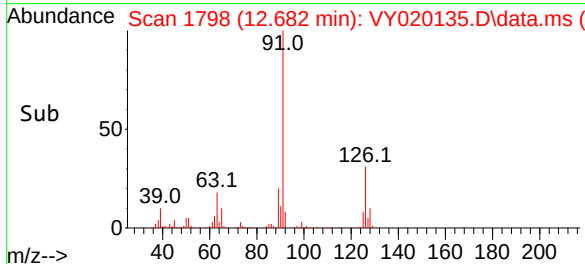
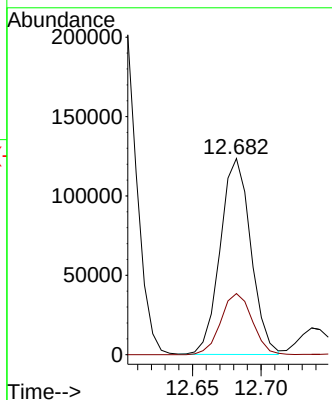
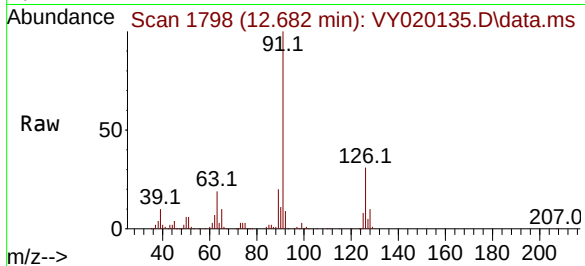




#79
2-Chlorotoluene
Concen: 21.050 ug/l
RT: 12.682 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY020135.D
Acq: 04 Nov 2024 11:38

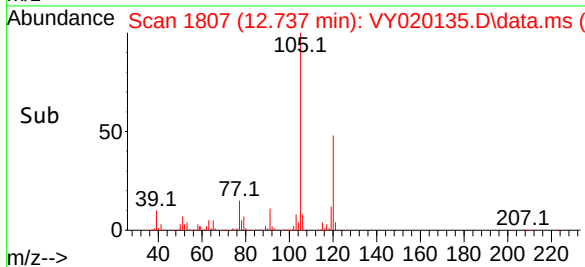
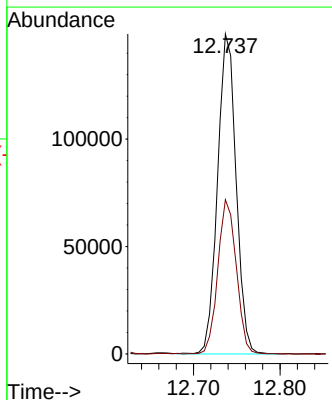
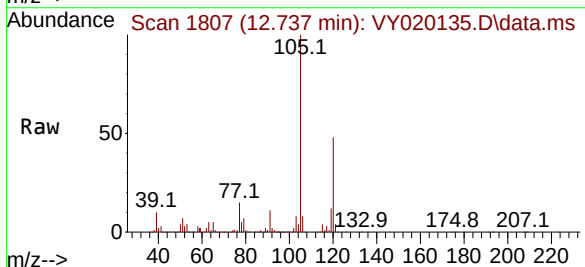
Instrument :
MSVOA_Y
ClientSampleId :

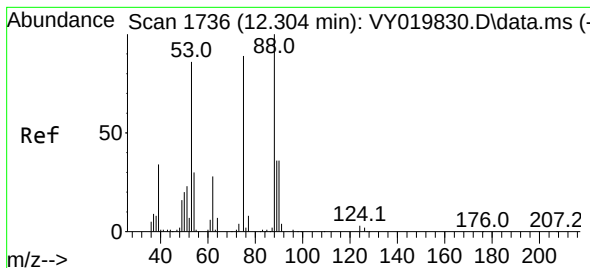
Tgt Ion: 91 Resp: 191730
Ion Ratio Lower Upper
91 100
126 32.1 17.8 53.5



#80
1,3,5-Trimethylbenzene
Concen: 20.964 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY020135.D
Acq: 04 Nov 2024 11:38

Tgt Ion: 105 Resp: 221895
Ion Ratio Lower Upper
105 100
120 48.0 25.1 75.2

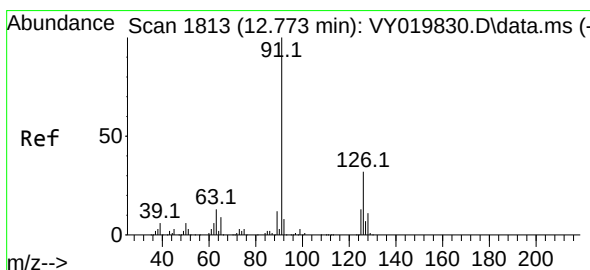
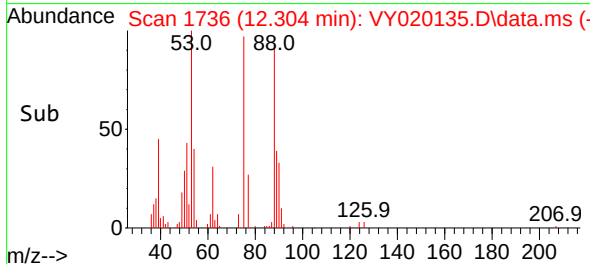
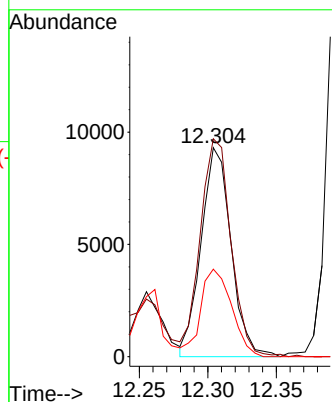
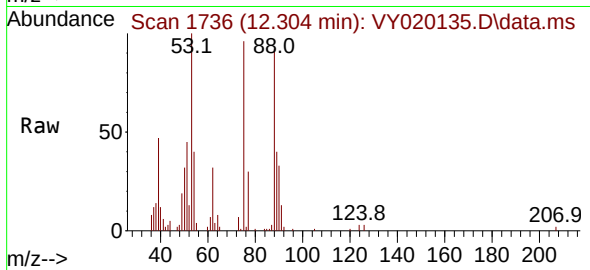




#81
trans-1,4-Dichloro-2-butene
Concen: 19.718 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY020135.D
Acq: 04 Nov 2024 11:38

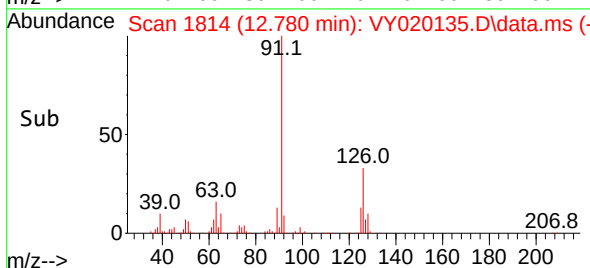
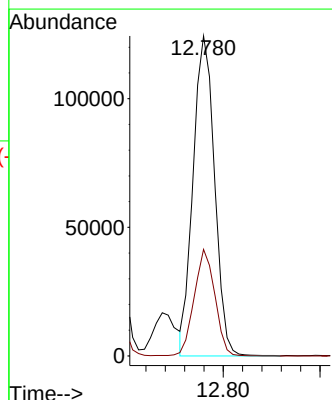
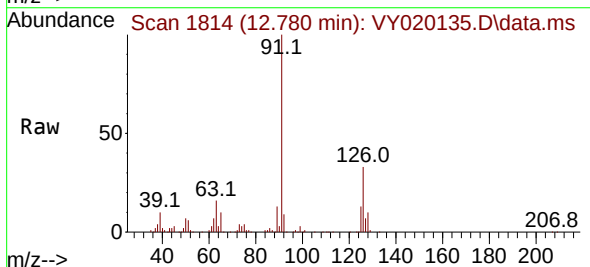
Instrument :
MSVOA_Y
ClientSampleId :

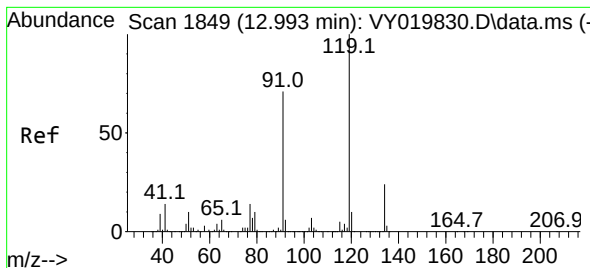
Tgt Ion: 75 Resp: 14182
Ion Ratio Lower Upper
75 100
53 106.6 66.8 100.2#
89 43.2 35.8 53.6



#82
4-Chlorotoluene
Concen: 20.623 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY020135.D
Acq: 04 Nov 2024 11:38

Tgt Ion: 91 Resp: 191523
Ion Ratio Lower Upper
91 100
126 32.3 17.6 52.9





#83

tert-Butylbenzene

Concen: 20.829 ug/l

RT: 12.999 min Scan# 1849

Delta R.T. 0.000 min

Lab File: VY020135.D

Acq: 04 Nov 2024 11:38

Instrument :

MSVOA_Y

ClientSampleId :

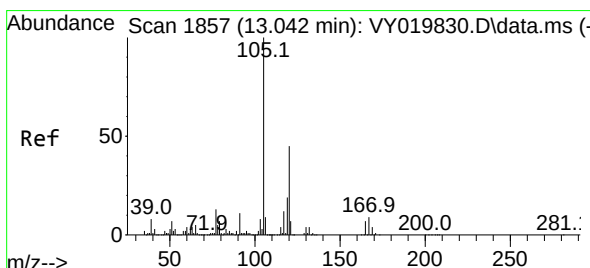
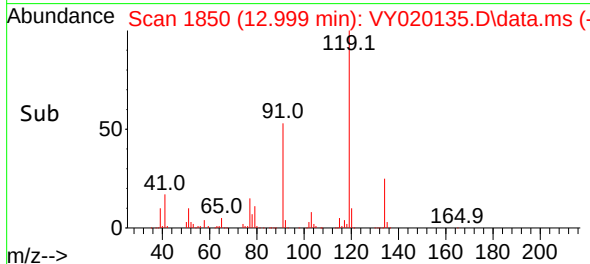
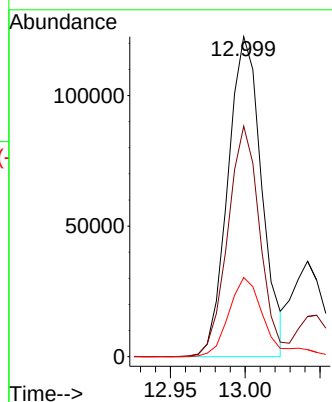
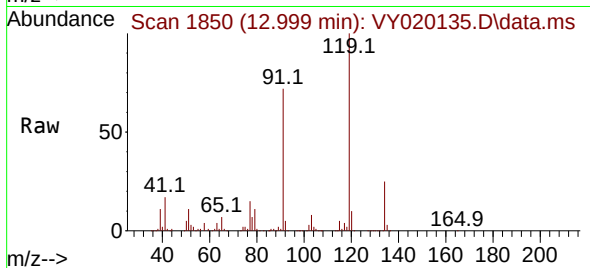
Tgt Ion:119 Resp: 192783

Ion Ratio Lower Upper

119 100

91 68.9 31.3 93.8

134 26.4 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 21.047 ug/l

RT: 13.048 min Scan# 1858

Delta R.T. 0.000 min

Lab File: VY020135.D

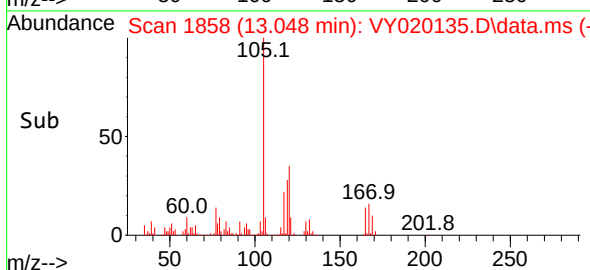
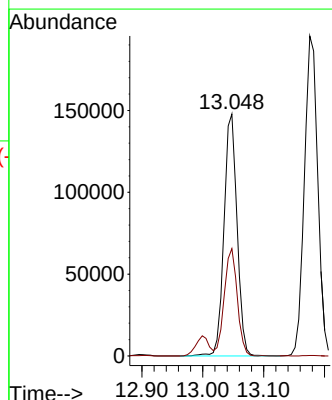
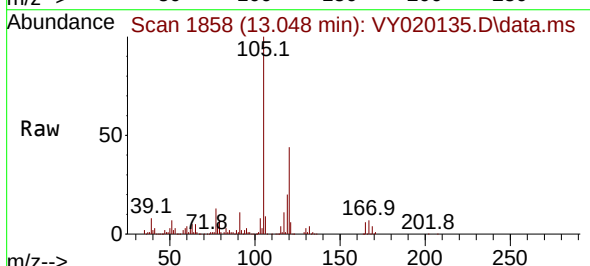
Acq: 04 Nov 2024 11:38

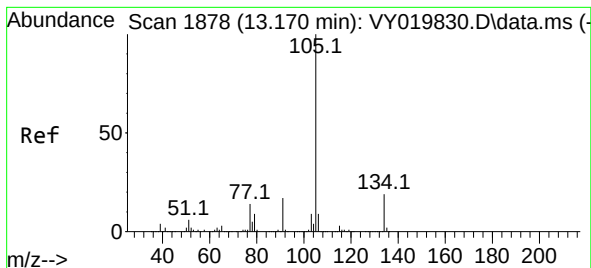
Tgt Ion:105 Resp: 220656

Ion Ratio Lower Upper

105 100

120 44.2 23.2 69.6





#85

sec-Butylbenzene

Concen: 20.941 ug/l

RT: 13.176 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VY020135.D

Acq: 04 Nov 2024 11:38

Instrument :

MSVOA_Y

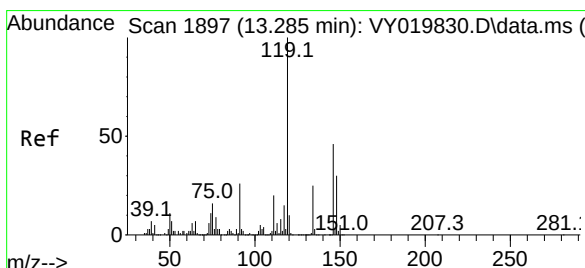
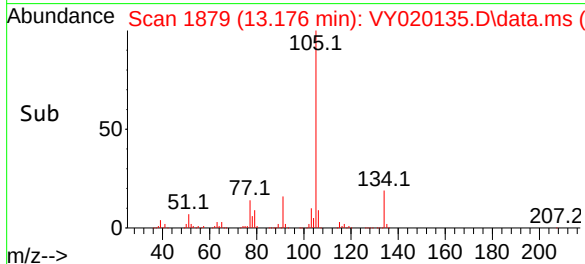
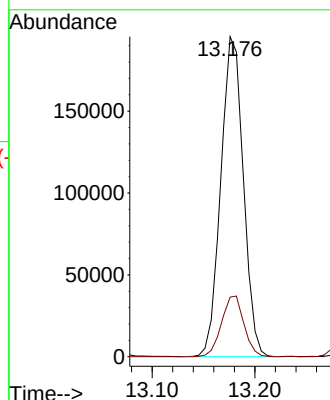
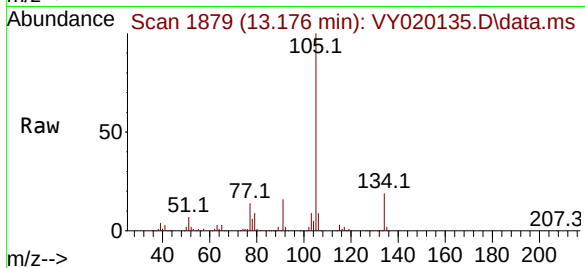
ClientSampleId :

Tgt Ion:105 Resp: 297548

Ion Ratio Lower Upper

105 100

134 18.8 10.1 30.1



#86

p-Isopropyltoluene

Concen: 20.745 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY020135.D

Acq: 04 Nov 2024 11:38

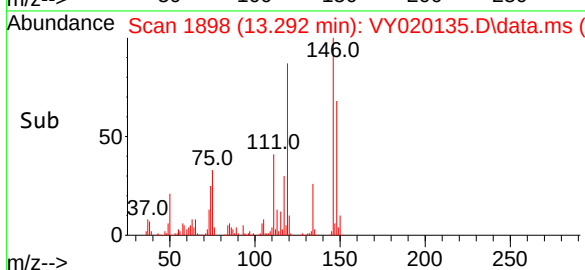
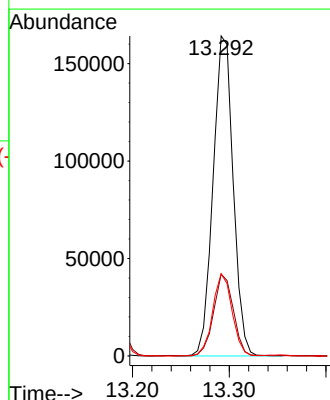
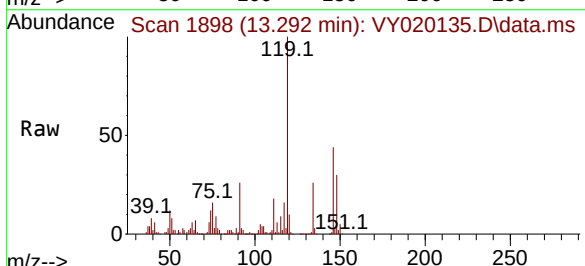
Tgt Ion:119 Resp: 236535

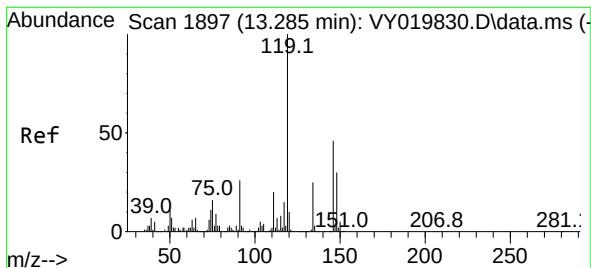
Ion Ratio Lower Upper

119 100

134 25.2 13.1 39.3

91 24.8 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 20.771 ug/l

RT: 13.292 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY020135.D

Acq: 04 Nov 2024 11:38

Instrument :

MSVOA_Y

ClientSampleId :

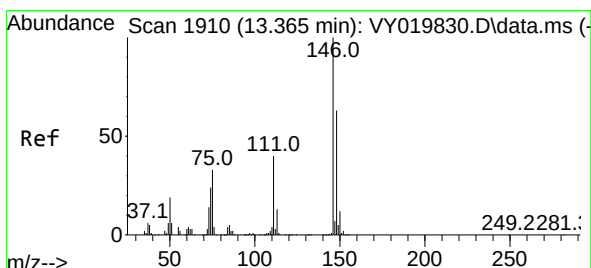
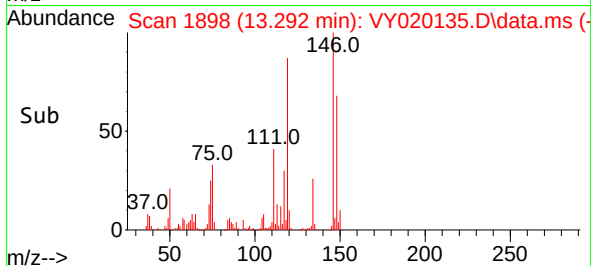
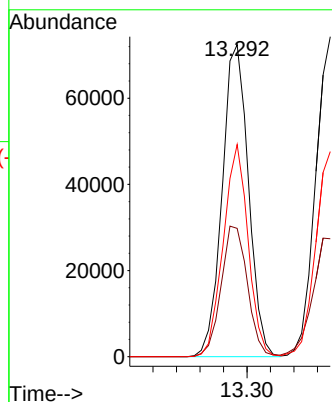
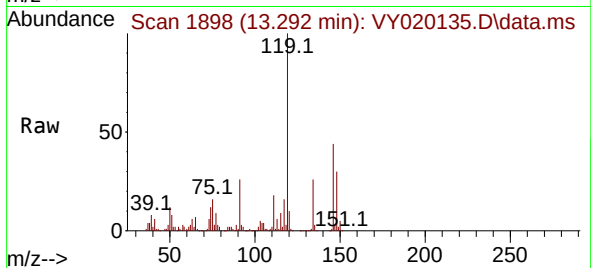
Tgt Ion:146 Resp: 112511

Ion Ratio Lower Upper

146 100

111 42.1 19.0 57.0

148 64.1 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 20.774 ug/l

RT: 13.371 min Scan# 1911

Delta R.T. 0.000 min

Lab File: VY020135.D

Acq: 04 Nov 2024 11:38

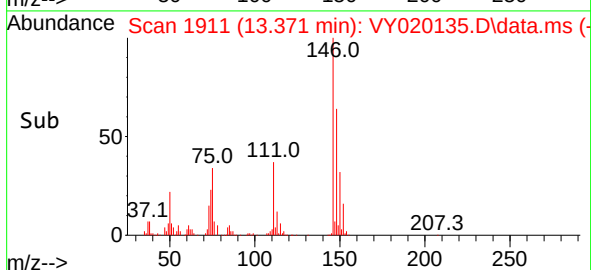
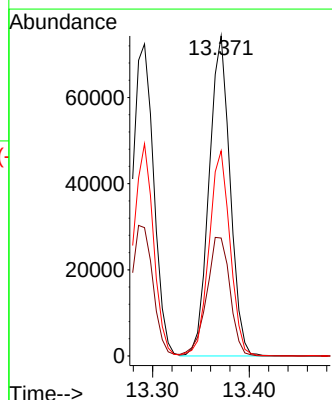
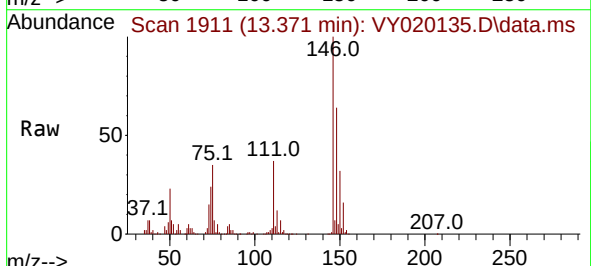
Tgt Ion:146 Resp: 112059

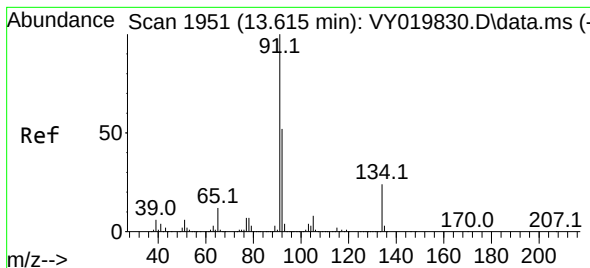
Ion Ratio Lower Upper

146 100

111 41.2 18.4 55.4

148 64.3 32.4 97.2





#89

n-Butylbenzene

Concen: 20.415 ug/l

RT: 13.621 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VY020135.D

Acq: 04 Nov 2024 11:38

Instrument :

MSVOA_Y

ClientSampleId :

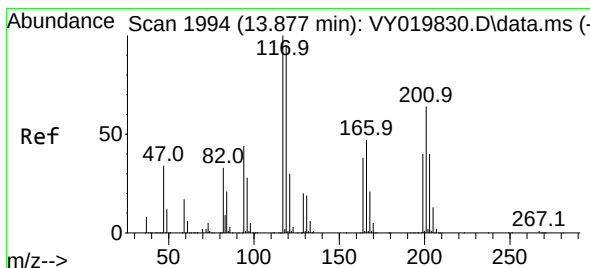
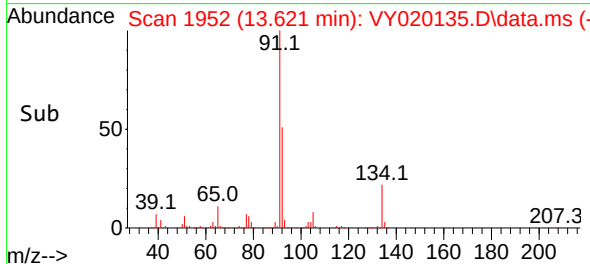
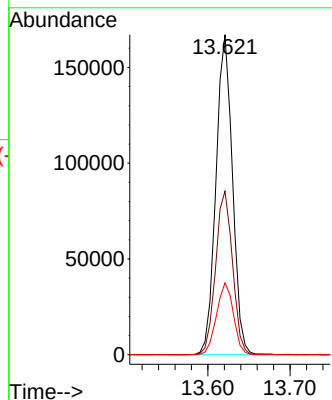
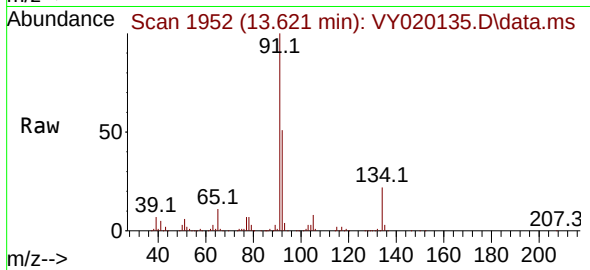
Tgt Ion: 91 Resp: 233341

Ion Ratio Lower Upper

91 100

92 52.2 26.6 79.7

134 22.9 12.9 38.7



#90

Hexachloroethane

Concen: 20.302 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.000 min

Lab File: VY020135.D

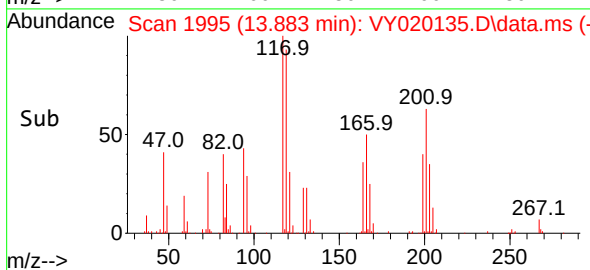
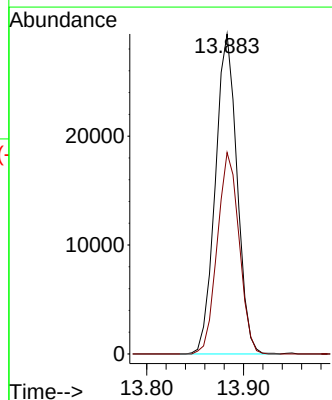
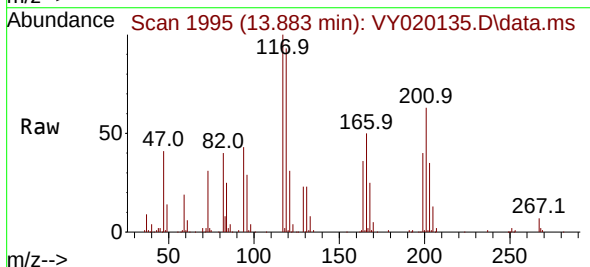
Acq: 04 Nov 2024 11:38

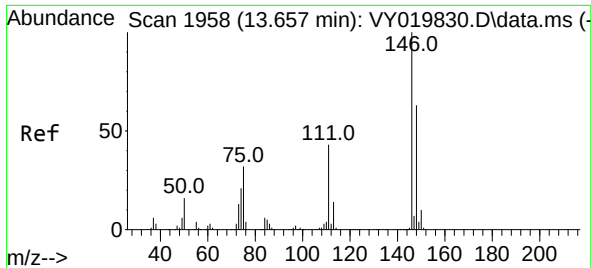
Tgt Ion: 117 Resp: 45781

Ion Ratio Lower Upper

117 100

201 63.2 37.4 112.2

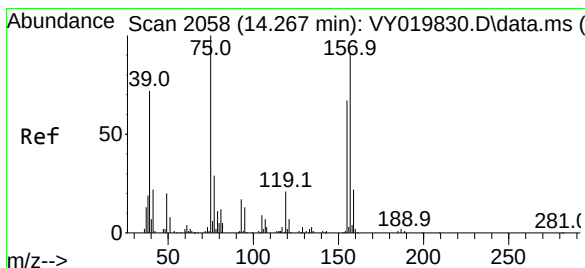
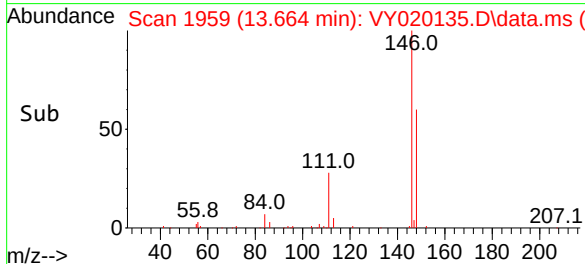
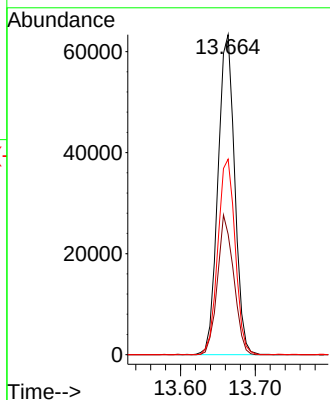
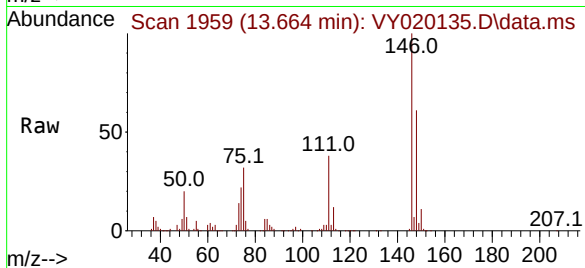




#91
1,2-Dichlorobenzene
Concen: 20.900 ug/l
RT: 13.664 min Scan# 1958
Delta R.T. 0.006 min
Lab File: VY020135.D
Acq: 04 Nov 2024 11:38

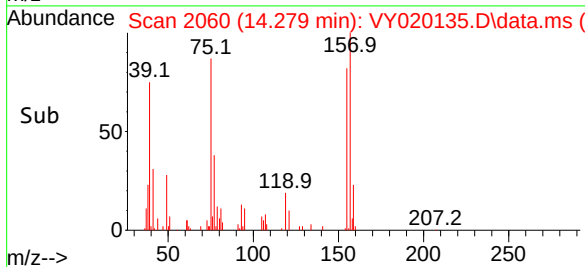
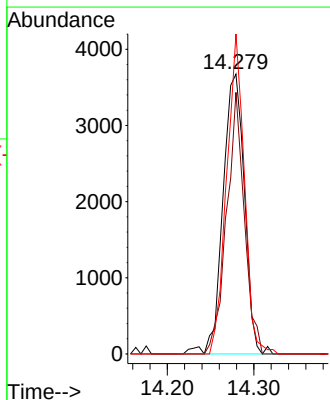
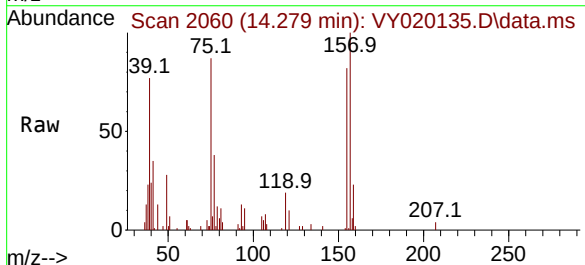
Instrument :
MSVOA_Y
ClientSampleId :

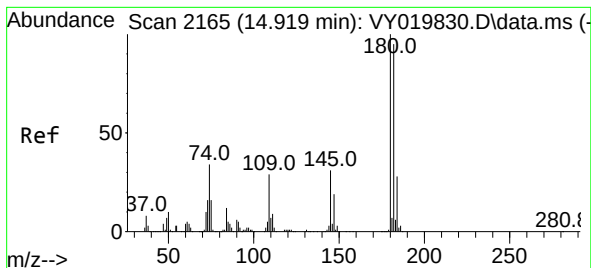
Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.4	19.9	59.7
148	63.1	31.8	95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.099 ug/l
RT: 14.279 min Scan# 2060
Delta R.T. 0.006 min
Lab File: VY020135.D
Acq: 04 Nov 2024 11:38

Tgt Ion	Ratio	Lower	Upper
75	100		
155	77.3	48.6	145.8
157	94.7	62.7	188.2





#93

1,2,4-Trichlorobenzene

Concen: 18.362 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY020135.D

Acq: 04 Nov 2024 11:38

Instrument :

MSVOA_Y

ClientSampleId :

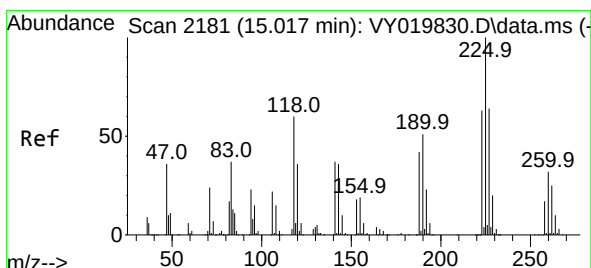
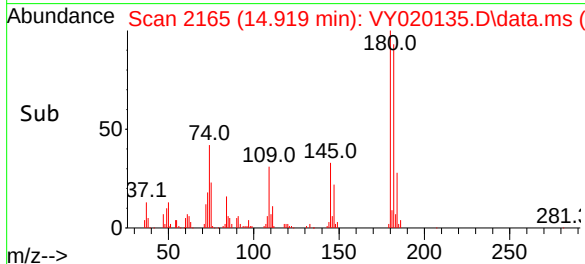
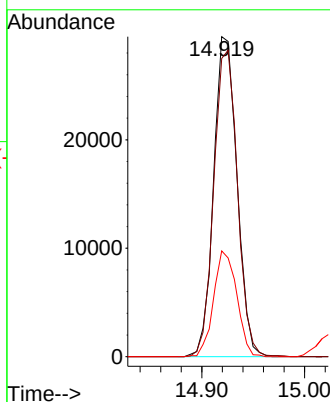
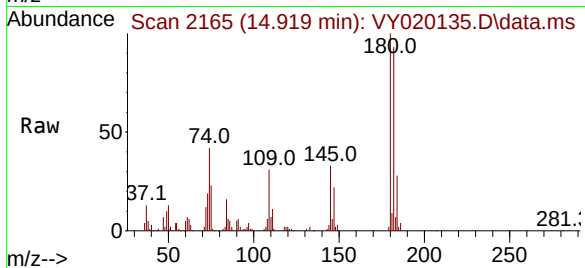
Tgt Ion:180 Resp: 46442

Ion Ratio Lower Upper

180 100

182 97.1 47.9 143.8

145 32.8 14.2 42.6



#94

Hexachlorobutadiene

Concen: 19.712 ug/l

RT: 15.029 min Scan# 2183

Delta R.T. 0.006 min

Lab File: VY020135.D

Acq: 04 Nov 2024 11:38

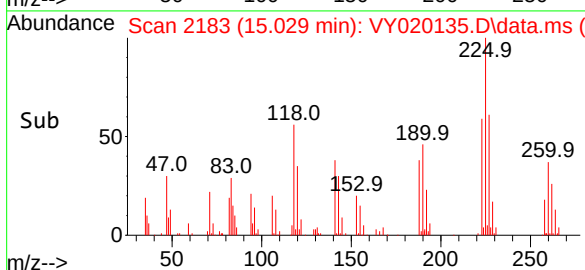
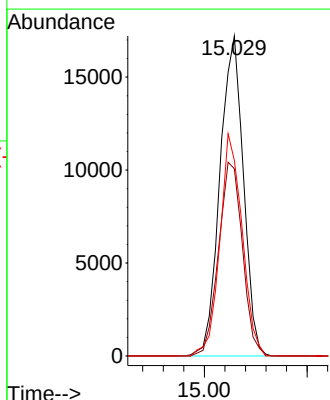
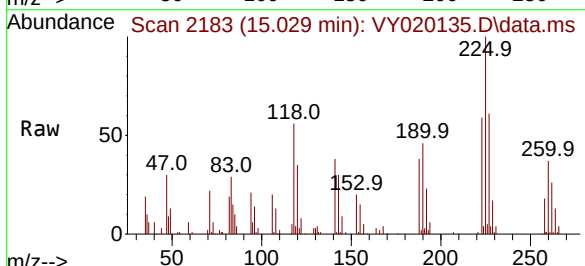
Tgt Ion:225 Resp: 27263

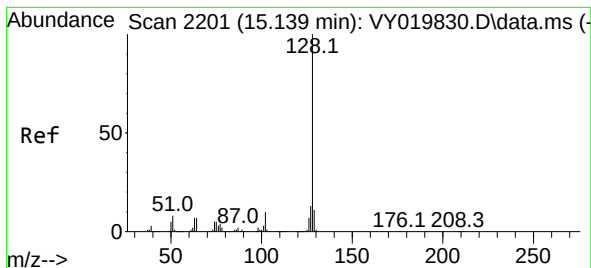
Ion Ratio Lower Upper

225 100

223 61.5 30.4 91.2

227 65.9 31.9 95.9





#95

Naphthalene

Concen: 17.537 ug/l

RT: 15.145 min Scan# 2201

Delta R.T. 0.000 min

Lab File: VY020135.D

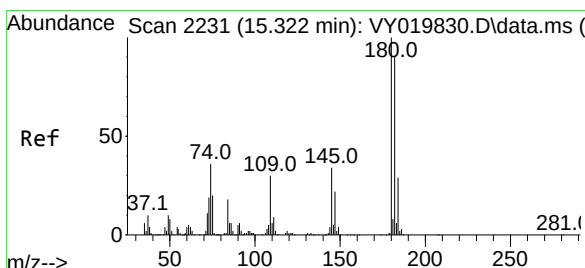
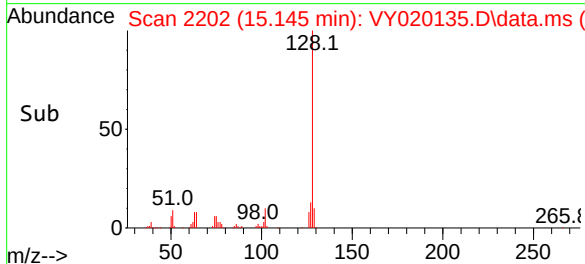
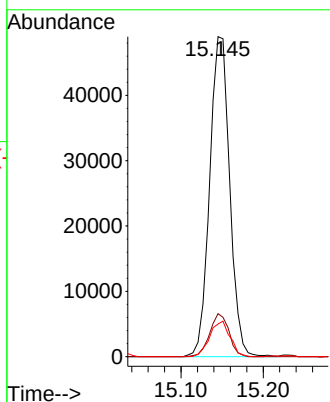
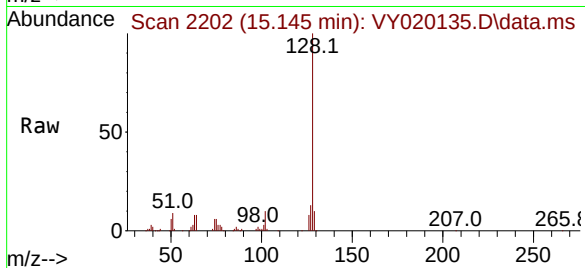
Acq: 04 Nov 2024 11:38

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	128	Resp:	82915
Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.6	16.0
129	11.3	8.6	13.0



#96

1,2,3-Trichlorobenzene

Concen: 18.158 ug/l

RT: 15.334 min Scan# 2233

Delta R.T. 0.006 min

Lab File: VY020135.D

Acq: 04 Nov 2024 11:38

Tgt Ion:	180	Resp:	38986
Ion	Ratio	Lower	Upper
180	100		
182	96.6	47.6	142.9
145	34.4	15.4	46.1

