

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100424\
 Data File : VY019804.D
 Acq On : 04 Oct 2024 16:50
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 04 23:34:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 09 16:00:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	235326	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	423379	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	367531	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	177665	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	137765	63.222	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 126.440%	
35) Dibromofluoromethane	7.634	113	132229	55.084	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.160%	
50) Toluene-d8	10.103	98	460411	51.855	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 103.700%	
62) 4-Bromofluorobenzene	12.402	95	173801	50.909	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 101.820%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	50841	38.593	ug/l	99
3) Chloromethane	2.068	50	92376	47.445	ug/l	98
4) Vinyl Chloride	2.202	62	111635	53.025	ug/l	97
5) Bromomethane	2.598	94	80323	62.112	ug/l	96
6) Chloroethane	2.739	64	83705	60.819	ug/l	96
7) Trichlorofluoromethane	3.062	101	185007	52.717	ug/l	96
8) Diethyl Ether	3.452	74	67863	57.607	ug/l	84
9) 1,1,2-Trichlorotrifluo...	3.818	101	112915	52.011	ug/l	95
10) Methyl Iodide	4.013	142	124340	44.671	ug/l	92
11) Tert butyl alcohol	4.860	59	57686	327.804	ug/l	# 81
12) 1,1-Dichloroethene	3.793	96	105795	50.672	ug/l	87
13) Acrolein	3.647	56	7976	84.672	ug/l	94
14) Allyl chloride	4.385	41	196944	52.600	ug/l	# 92
15) Acrylonitrile	5.061	53	161754	318.447	ug/l	99
16) Acetone	3.873	43	134873	259.805	ug/l	# 85
17) Carbon Disulfide	4.104	76	254711	45.153	ug/l	99
18) Methyl Acetate	4.385	43	90000	63.884	ug/l	90
19) Methyl tert-butyl Ether	5.116	73	353835	59.837	ug/l	99
20) Methylene Chloride	4.616	84	136501	57.656	ug/l	# 83
21) trans-1,2-Dichloroethene	5.116	96	122422	53.495	ug/l	88
22) Diisopropyl ether	6.019	45	465816	60.585	ug/l	92
23) Vinyl Acetate	5.964	43	1278930	291.215	ug/l	94
24) 1,1-Dichloroethane	5.915	63	255365	59.188	ug/l	97
25) 2-Butanone	6.890	43	217033	293.949	ug/l	# 87
26) 2,2-Dichloropropane	6.884	77	188309	48.386	ug/l	97
27) cis-1,2-Dichloroethene	6.890	96	163395	58.778	ug/l	89
28) Bromochloromethane	7.244	49	129928	71.574	ug/l	# 80
29) Tetrahydrofuran	7.262	42	140950	313.976	ug/l	# 85
30) Chloroform	7.421	83	271750	61.700	ug/l	99
31) Cyclohexane	7.701	56	183737	47.114	ug/l	91
32) 1,1,1-Trichloroethane	7.616	97	222845	56.449	ug/l	96
36) 1,1-Dichloropropene	7.835	75	170821	52.297	ug/l	95
37) Ethyl Acetate	6.982	43	97606	58.321	ug/l	97
38) Carbon Tetrachloride	7.823	117	186822	50.720	ug/l	100
39) Methylcyclohexane	9.109	83	203514	46.819	ug/l	89
40) Benzene	8.079	78	546105	54.282	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	60752	62.273	ug/l #	82
42) 1,2-Dichloroethane	8.158	62	164957	60.934	ug/l	95
43) Isopropyl Acetate	8.195	43	200047	56.895	ug/l #	79
44) Trichloroethene	8.866	130	133086	51.437	ug/l	89
45) 1,2-Dichloropropane	9.140	63	139568	56.745	ug/l	99
46) Dibromomethane	9.231	93	79226	58.904	ug/l	92
47) Bromodichloromethane	9.420	83	210118	58.116	ug/l	99
48) Methyl methacrylate	9.219	41	91866	55.327	ug/l	83
49) 1,4-Dioxane	9.225	88	19017	1201.043	ug/l #	90
51) 4-Methyl-2-Pentanone	9.993	43	528888	298.988	ug/l	90
52) Toluene	10.170	92	347042	53.635	ug/l	99
53) t-1,3-Dichloropropene	10.390	75	181284	52.599	ug/l	97
54) cis-1,3-Dichloropropene	9.853	75	209419	52.183	ug/l #	86
55) 1,1,2-Trichloroethane	10.573	97	107259	57.747	ug/l	94
56) Ethyl methacrylate	10.438	69	155895	55.252	ug/l #	78
57) 1,3-Dichloropropane	10.713	76	185311	58.041	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.707	63	403434	308.070	ug/l	97
59) 2-Hexanone	10.756	43	350568	270.321	ug/l	89
60) Dibromochloromethane	10.908	129	140313	57.107	ug/l	97
61) 1,2-Dibromoethane	11.012	107	95962	55.449	ug/l	99
64) Tetrachloroethene	10.646	164	123974	54.472	ug/l	95
65) Chlorobenzene	11.438	112	386676	53.485	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.511	131	135519	54.140	ug/l	98
67) Ethyl Benzene	11.518	91	679713	52.914	ug/l	100
68) m/p-Xylenes	11.627	106	503609	103.682	ug/l	92
69) o-Xylene	11.950	106	247905	52.188	ug/l	93
70) Styrene	11.963	104	424972	52.988	ug/l	96
71) Bromoform	12.127	173	74687	52.240	ug/l #	98
73) Isopropylbenzene	12.249	105	652269	50.606	ug/l	99
74) N-amyl acetate	12.066	43	180015	51.354	ug/l	88
75) 1,1,2,2-Tetrachloroethane	12.499	83	128165	56.022	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	159043	95.508	ug/l #	100
77) Bromobenzene	12.530	156	146659	51.304	ug/l	88
78) n-propylbenzene	12.591	91	776386	50.821	ug/l	99
79) 2-Chlorotoluene	12.676	91	459053	51.561	ug/l	94
80) 1,3,5-Trimethylbenzene	12.731	105	526725	50.268	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.298	75	38927	44.876	ug/l	88
82) 4-Chlorotoluene	12.773	91	470967	51.455	ug/l	95
83) tert-Butylbenzene	12.993	119	477452	50.333	ug/l	95
84) 1,2,4-Trimethylbenzene	13.036	105	530171	51.115	ug/l	96
85) sec-Butylbenzene	13.170	105	701446	50.902	ug/l	98
86) p-Isopropyltoluene	13.286	119	568271	50.403	ug/l	96
87) 1,3-Dichlorobenzene	13.279	146	284412	51.203	ug/l	97
88) 1,4-Dichlorobenzene	13.359	146	282199	51.192	ug/l	97
89) n-Butylbenzene	13.609	91	539458	50.050	ug/l	99
90) Hexachloroethane	13.877	117	113622	48.434	ug/l	89
91) 1,2-Dichlorobenzene	13.651	146	258546	52.160	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.267	75	19103	50.102	ug/l	84
93) 1,2,4-Trichlorobenzene	14.913	180	142982	47.428	ug/l	97
94) Hexachlorobutadiene	15.017	225	75775	47.050	ug/l	99
95) Naphthalene	15.139	128	291673	48.312	ug/l	99
96) 1,2,3-Trichlorobenzene	15.322	180	124305	48.205	ug/l	98

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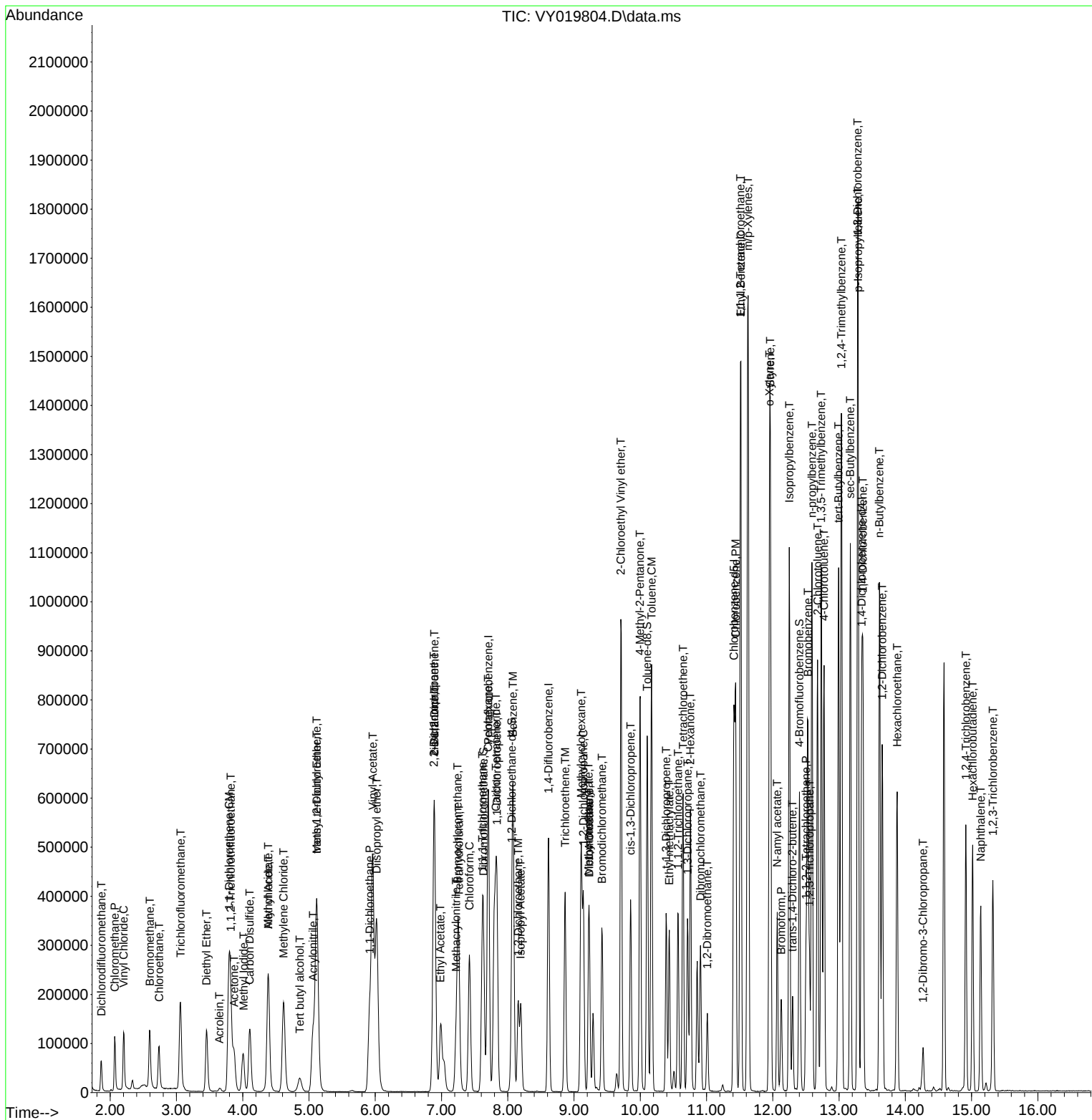
Instrument :
MSVOA_Y
ClientSampleId :

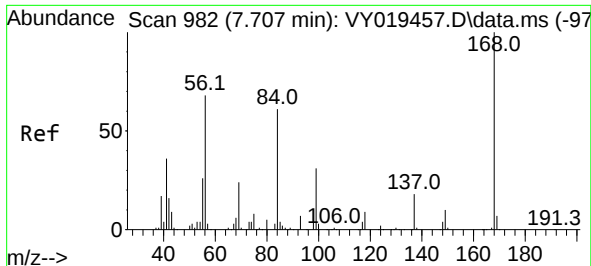
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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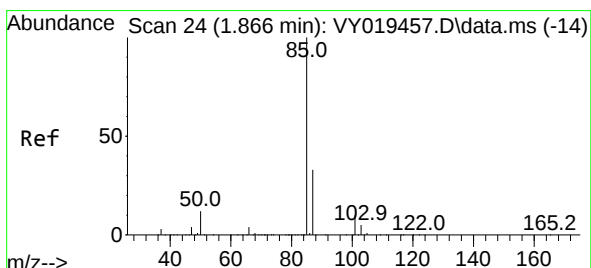
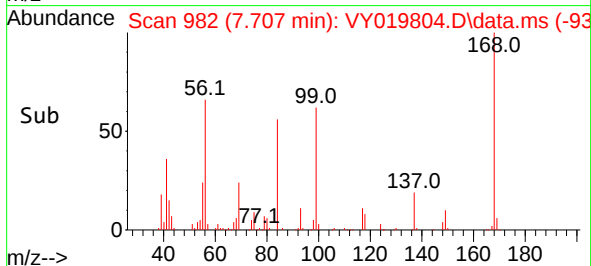
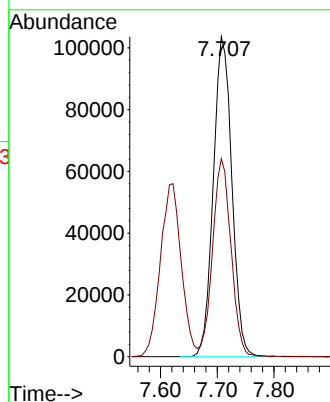
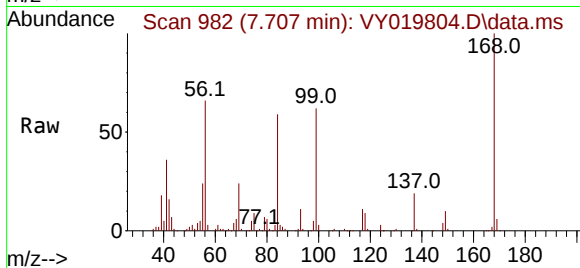




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019804.D
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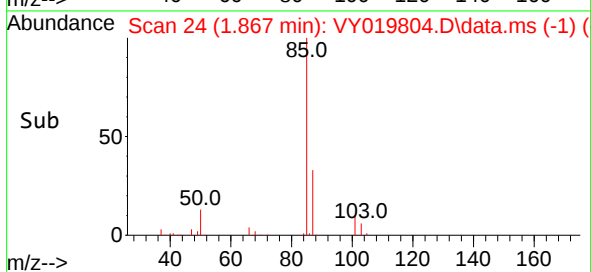
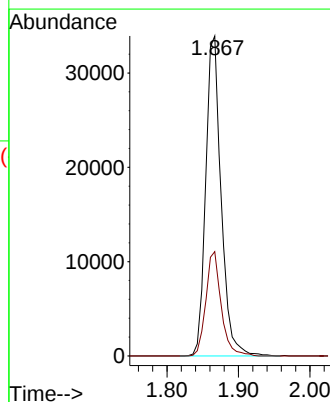
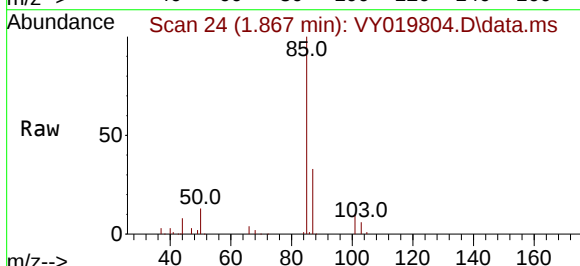
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 235326
Ion Ratio Lower Upper
168 100
99 61.8 39.1 58.7#



#2
Dichlorodifluoromethane
Concen: 38.593 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.001 min
Lab File: VY019804.D
Acq: 04 Oct 2024 16:50

Tgt Ion: 85 Resp: 50841
Ion Ratio Lower Upper
85 100
87 32.6 16.0 48.0

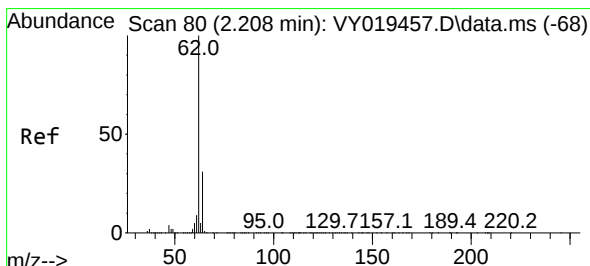
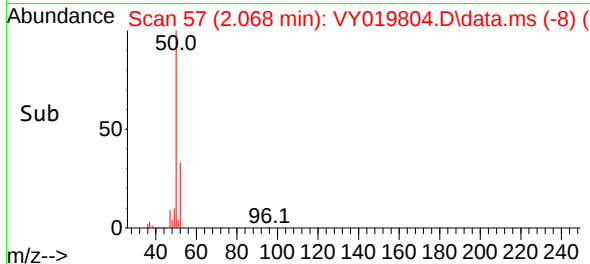
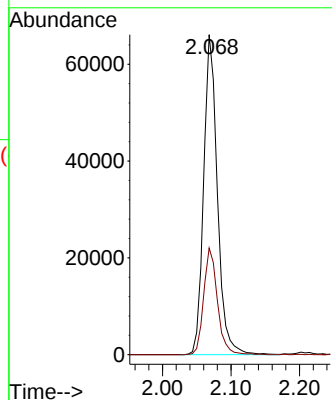
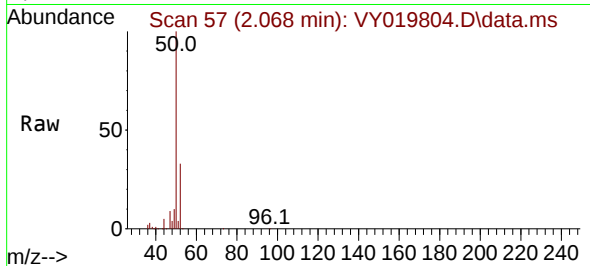




#3
Chloromethane
Concen: 47.445 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY019804.D
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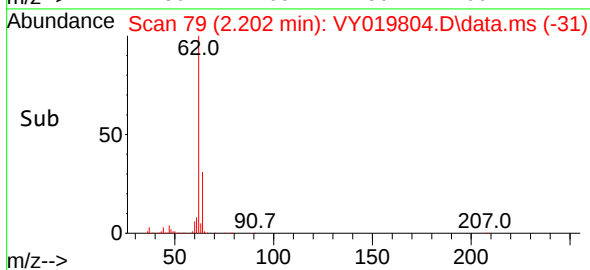
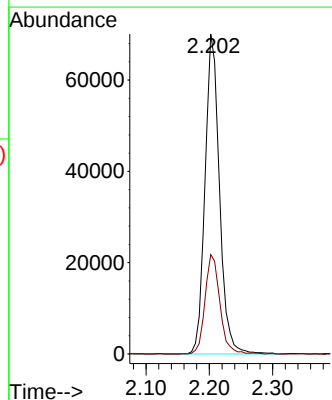
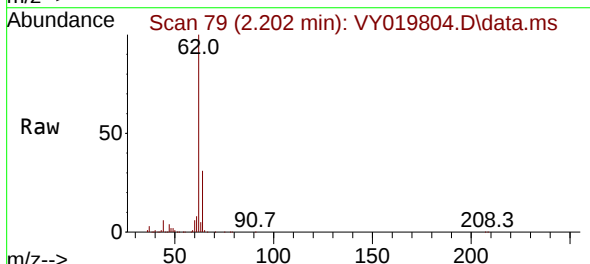
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 50 Resp: 92376
Ion Ratio Lower Upper
50 100
52 33.3 25.6 38.4



#4
Vinyl Chloride
Concen: 53.025 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.006 min
Lab File: VY019804.D
Acq: 04 Oct 2024 16:50

Tgt Ion: 62 Resp: 111635
Ion Ratio Lower Upper
62 100
64 31.1 26.1 39.1

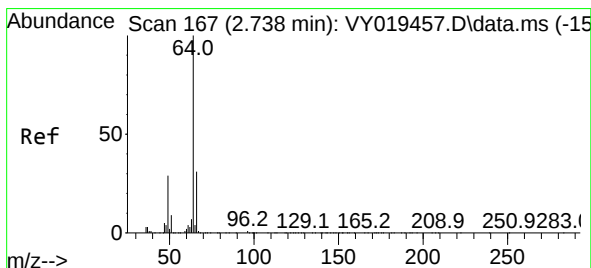
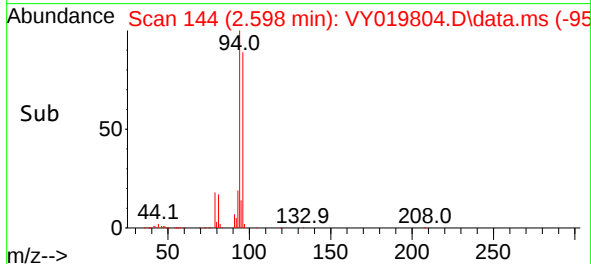
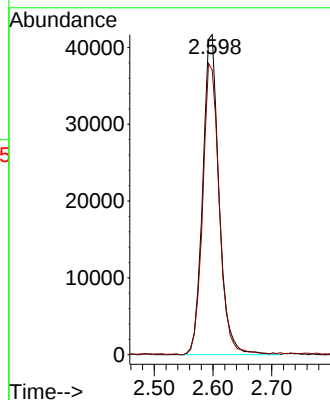
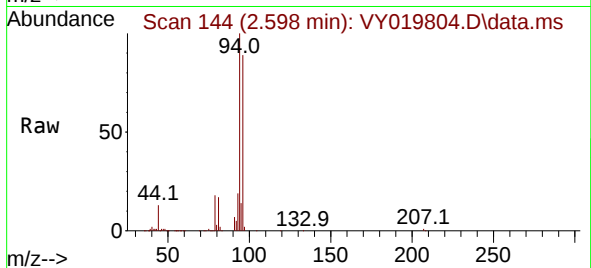




#5
Bromomethane
Concen: 62.112 ug/l
RT: 2.598 min Scan# 144
Delta R.T. 0.000 min
Lab File: VY019804.D
Acq: 04 Oct 2024 16:50

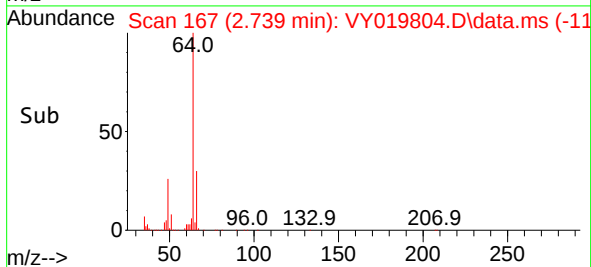
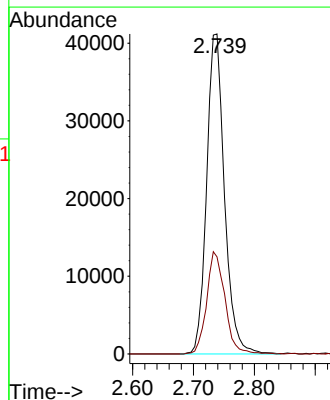
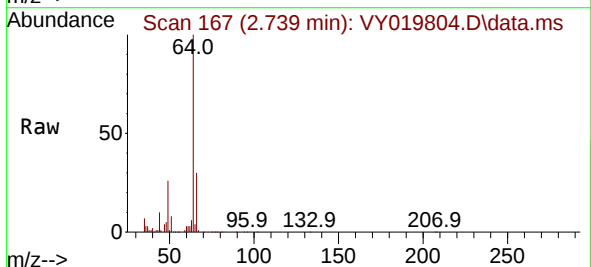
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 94 Resp: 80323
Ion Ratio Lower Upper
94 100
96 89.0 74.1 111.1



#6
Chloroethane
Concen: 60.819 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.000 min
Lab File: VY019804.D
Acq: 04 Oct 2024 16:50

Tgt Ion: 64 Resp: 83705
Ion Ratio Lower Upper
64 100
66 30.4 26.1 39.1

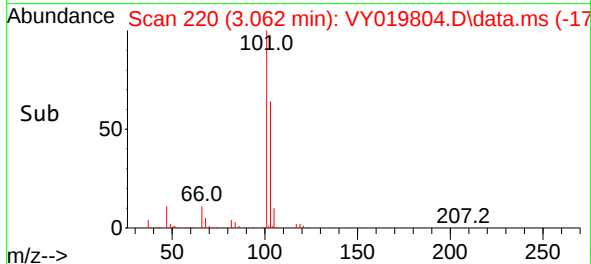
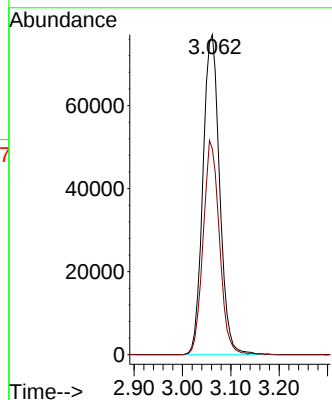
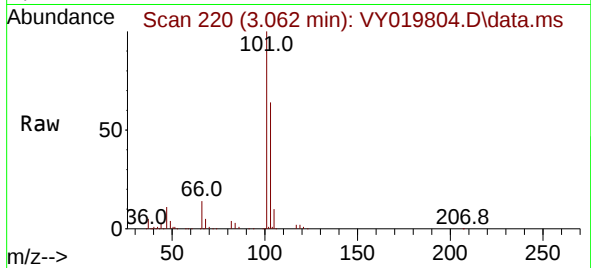




#7
 Trichlorofluoromethane
 Concen: 52.717 ug/l
 RT: 3.062 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VY019804.D
 Acq: 04 Oct 2024 16:50

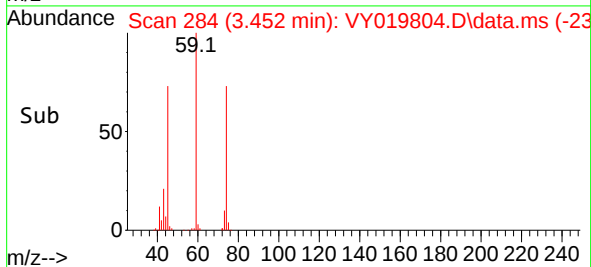
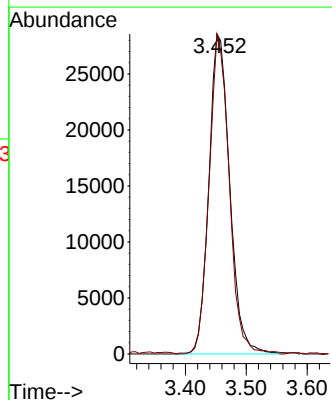
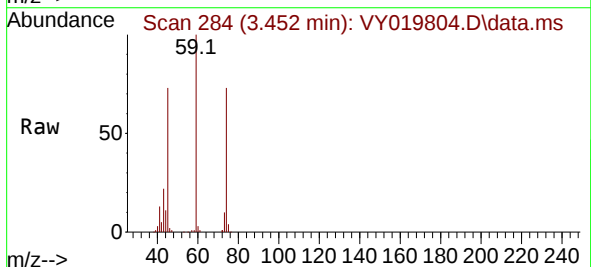
Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion:101 Resp: 185007
 Ion Ratio Lower Upper
 101 100
 103 64.3 49.3 73.9



#8
 Diethyl Ether
 Concen: 57.607 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. -0.006 min
 Lab File: VY019804.D
 Acq: 04 Oct 2024 16:50

Tgt Ion: 74 Resp: 67863
 Ion Ratio Lower Upper
 74 100
 45 96.7 41.3 124.1

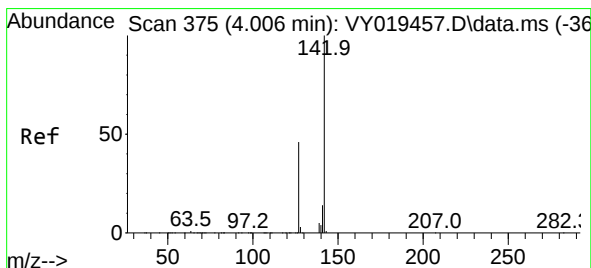
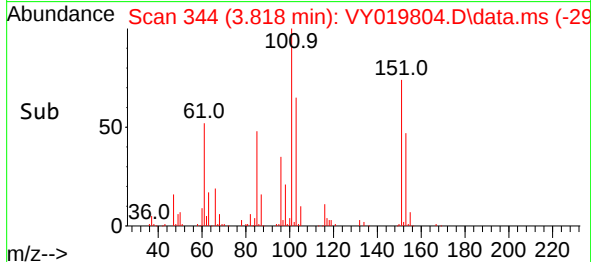
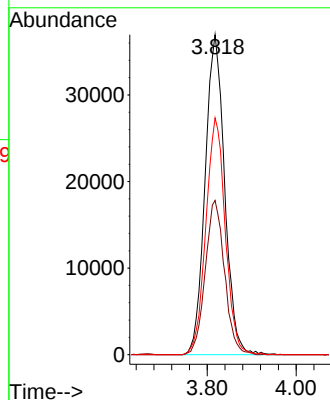
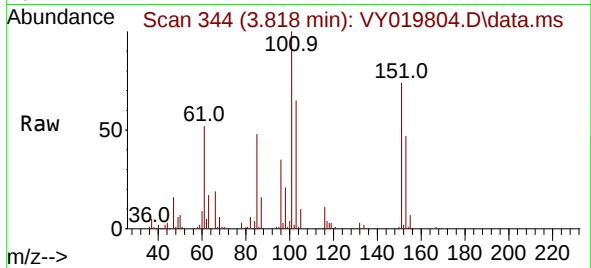




#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.011 ug/l
RT: 3.818 min Scan# 343
Delta R.T. 0.006 min
Lab File: VY019804.D
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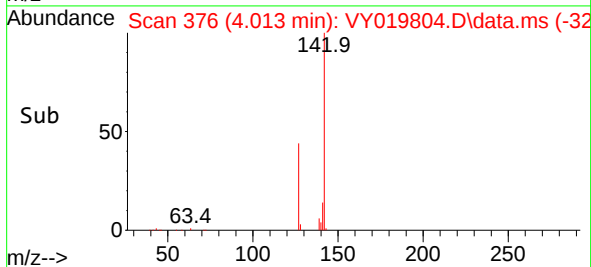
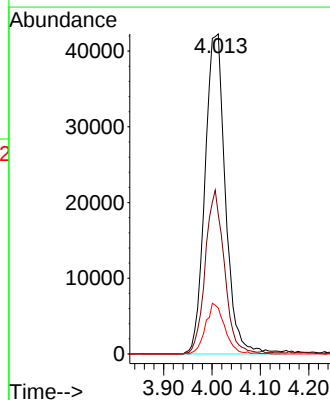
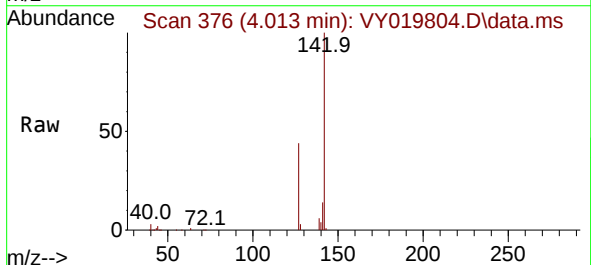
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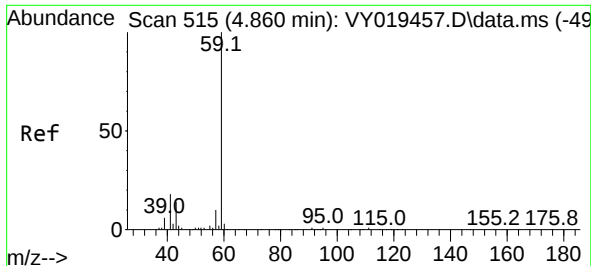
Tgt Ion:101 Resp: 112915
Ion Ratio Lower Upper
101 100
85 47.7 34.5 51.7
151 73.7 61.7 92.5



#10
Methyl Iodide
Concen: 44.671 ug/l
RT: 4.013 min Scan# 376
Delta R.T. 0.006 min
Lab File: VY019804.D
Acq: 04 Oct 2024 16:50

Tgt Ion:142 Resp: 124340
Ion Ratio Lower Upper
142 100
127 47.8 32.8 49.2
141 14.9 11.4 17.2

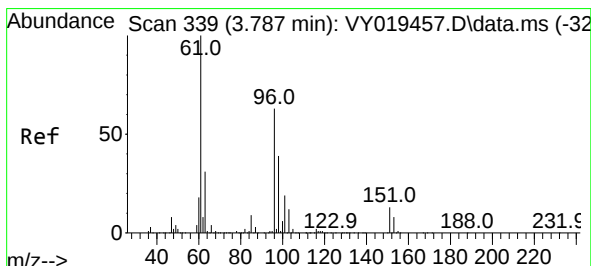
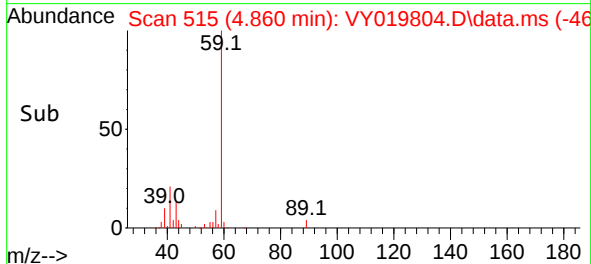
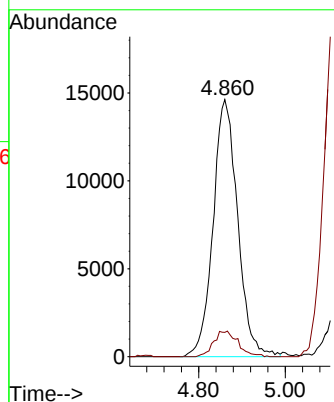
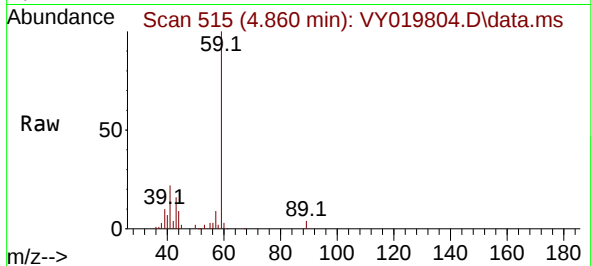




#11
Tert butyl alcohol
Concen: 327.804 ug/l
RT: 4.860 min Scan# 515
Delta R.T. 0.000 min
Lab File: VY019804.D
Acq: 04 Oct 2024 16:50

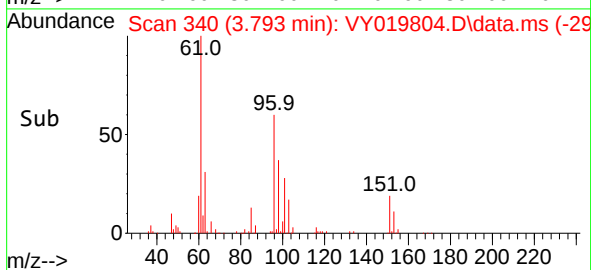
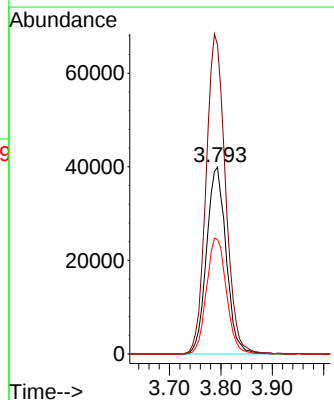
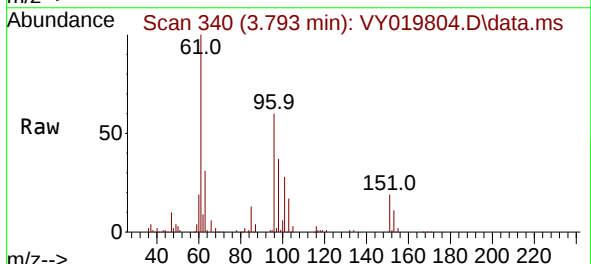
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 59 Resp: 57686
Ion Ratio Lower Upper
59 100
57 9.9 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 50.672 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY019804.D
Acq: 04 Oct 2024 16:50

Tgt Ion: 96 Resp: 105795
Ion Ratio Lower Upper
96 100
61 165.4 114.6 171.8
98 61.2 50.8 76.2

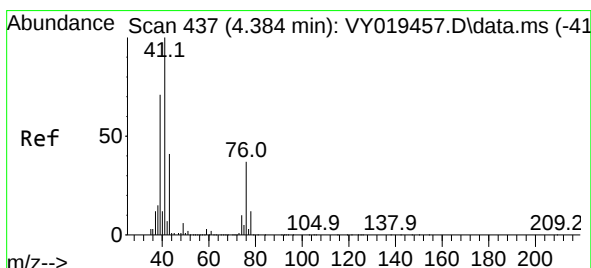
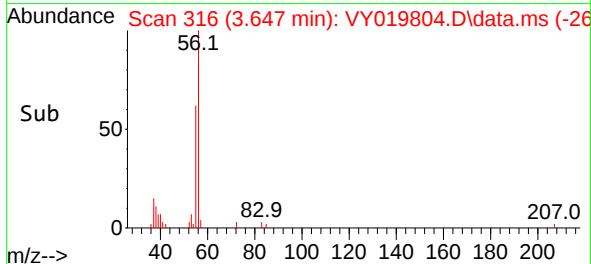
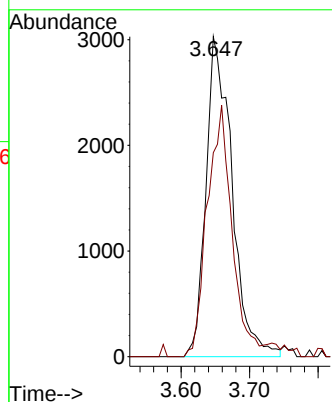
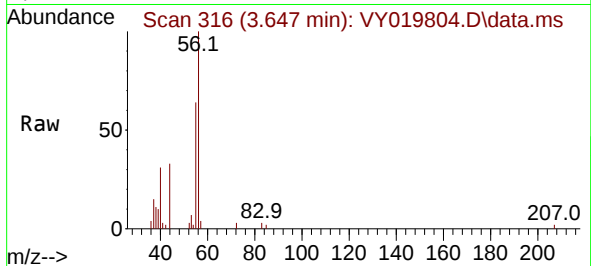




#13
Acrolein
Concen: 84.672 ug/l
RT: 3.647 min Scan# 317
Delta R.T. -0.006 min
Lab File: VY019804.D
Acq: 04 Oct 2024 16:50

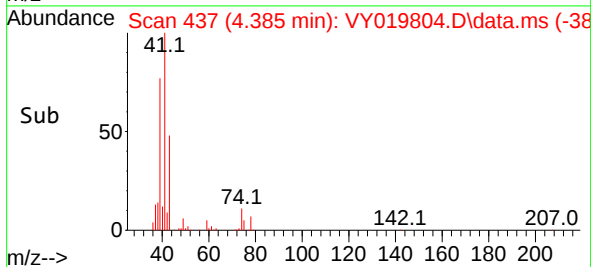
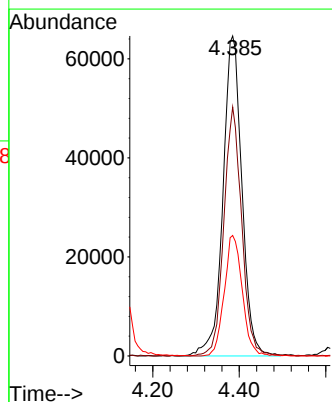
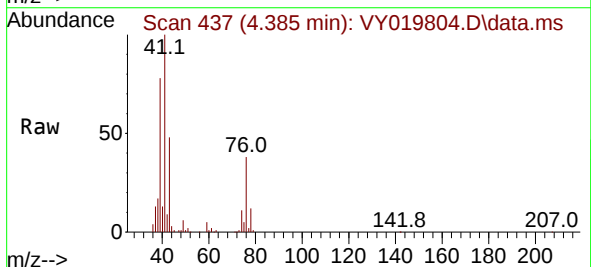
Instrument :
MSVOA_Y
ClientSampleId :

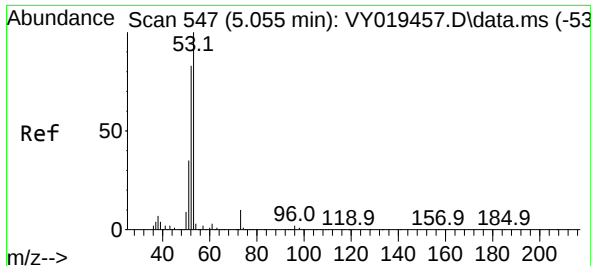
Tgt Ion: 56 Resp: 7976
Ion Ratio Lower Upper
56 100
55 74.9 55.7 83.5



#14
Allyl chloride
Concen: 52.600 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY019804.D
Acq: 04 Oct 2024 16:50

Tgt Ion: 41 Resp: 196944
Ion Ratio Lower Upper
41 100
39 73.2 58.3 87.5
76 35.9 39.0 58.6#

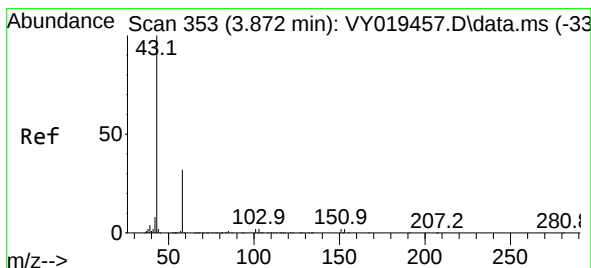
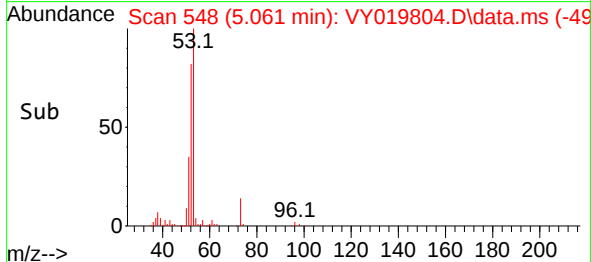
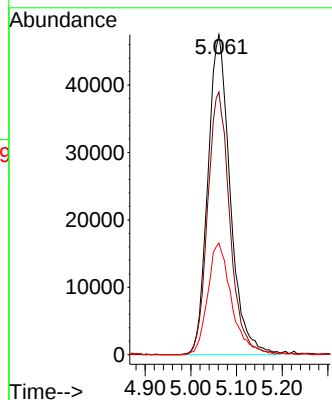
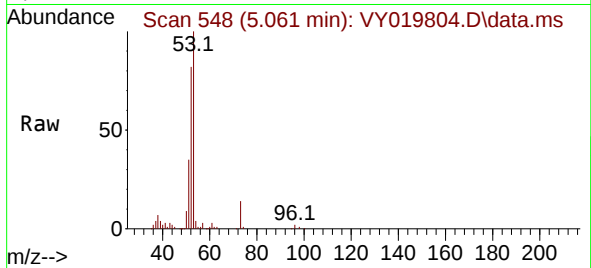




#15
Acrylonitrile
Concen: 318.447 ug/l
RT: 5.061 min Scan# 547
Delta R.T. 0.006 min
Lab File: VY019804.D
Acq: 04 Oct 2024 16:50

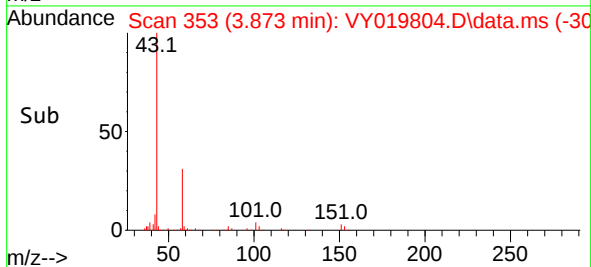
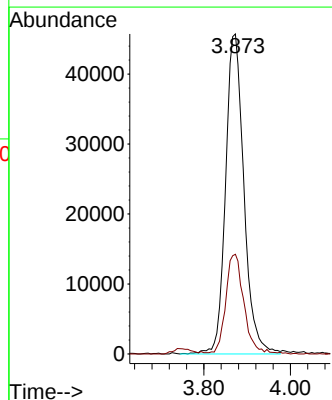
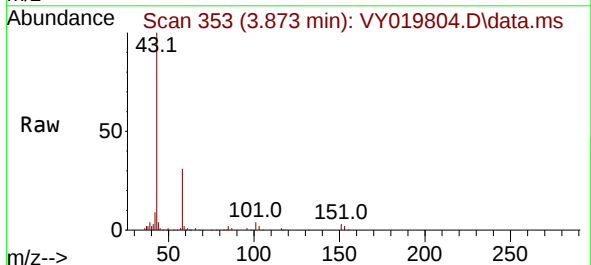
Instrument :
MSVOA_Y
ClientSampleId :

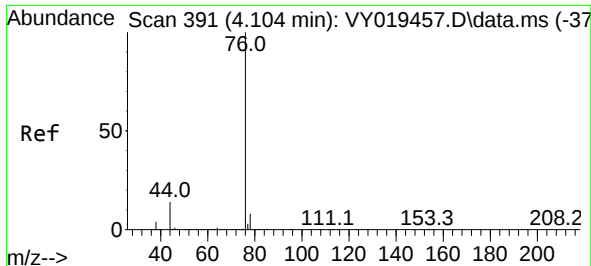
Tgt Ion: 53 Resp: 161754
Ion Ratio Lower Upper
53 100
52 81.7 64.7 97.1
51 37.1 28.4 42.6



#16
Acetone
Concen: 259.805 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY019804.D
Acq: 04 Oct 2024 16:50

Tgt Ion: 43 Resp: 134873
Ion Ratio Lower Upper
43 100
58 30.6 31.7 47.5#

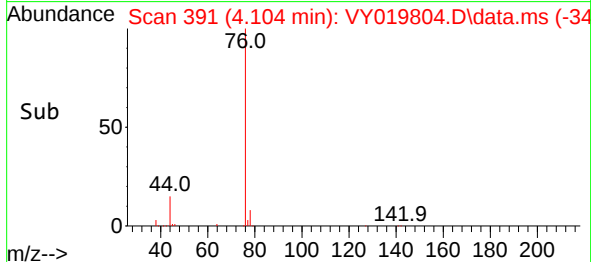
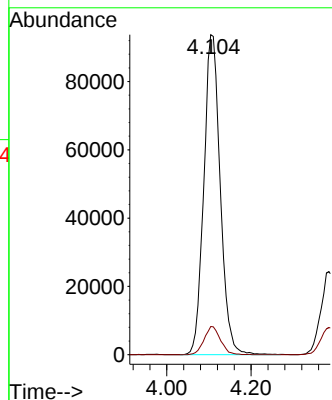
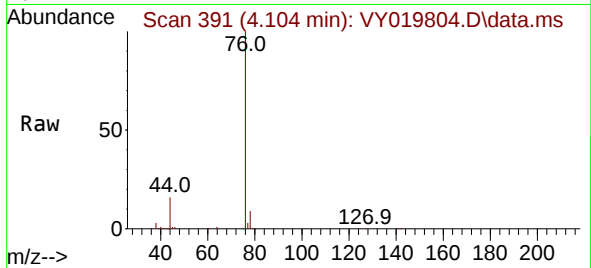




#17
Carbon Disulfide
Concen: 45.153 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY019804.D
Acq: 04 Oct 2024 16:50

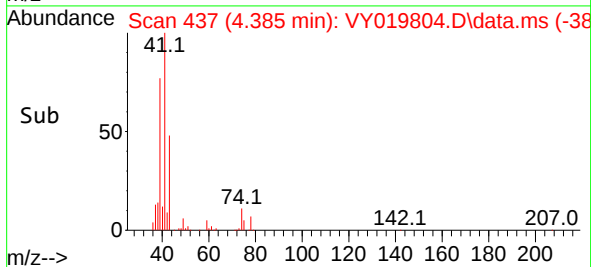
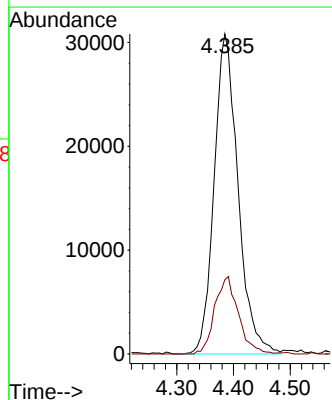
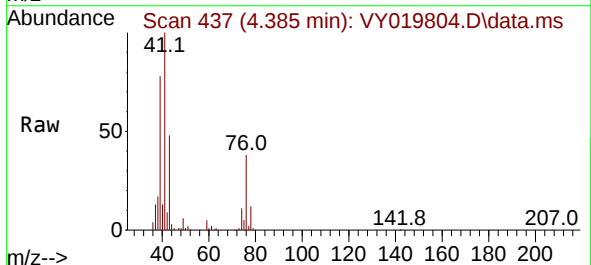
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 76 Resp: 254711
Ion Ratio Lower Upper
76 100
78 8.8 6.8 10.2



#18
Methyl Acetate
Concen: 63.884 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY019804.D
Acq: 04 Oct 2024 16:50

Tgt Ion: 43 Resp: 90000
Ion Ratio Lower Upper
43 100
74 23.8 23.3 34.9

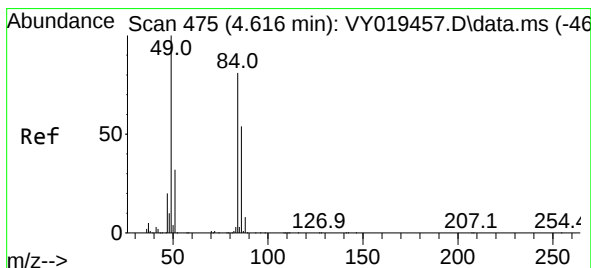
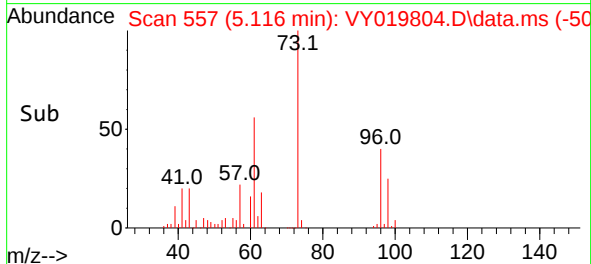
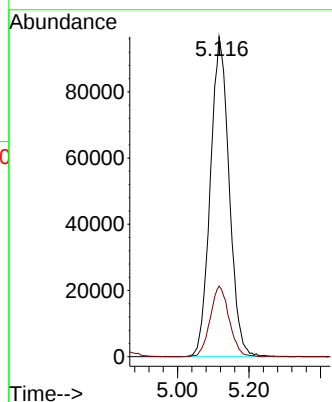
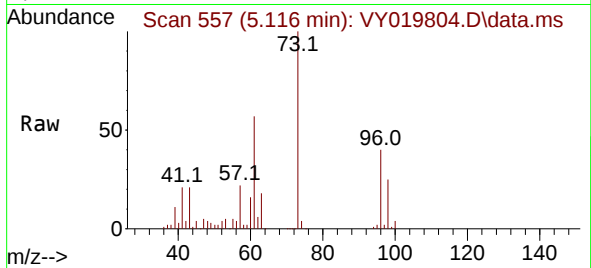




#19
Methyl tert-butyl Ether
Concen: 59.837 ug/l
RT: 5.116 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY019804.D
Acq: 04 Oct 2024 16:50

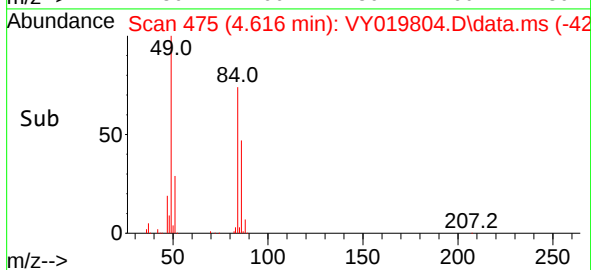
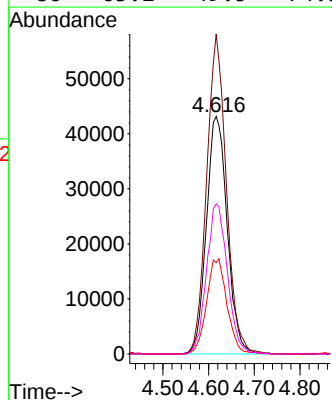
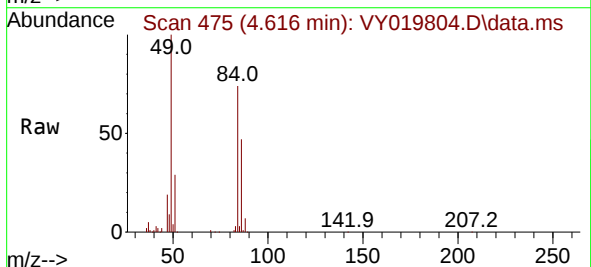
Instrument :
MSVOA_Y
ClientSampleId :

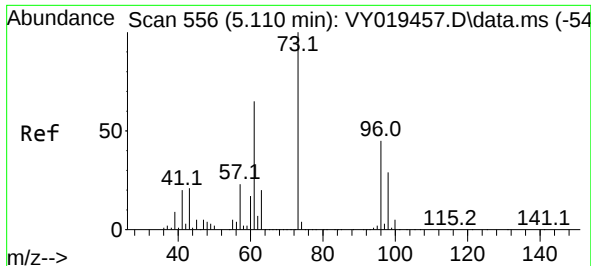
Tgt Ion: 73 Resp: 353835
Ion Ratio Lower Upper
73 100
57 22.0 17.3 25.9



#20
Methylene Chloride
Concen: 57.656 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY019804.D
Acq: 04 Oct 2024 16:50

Tgt Ion: 84 Resp: 136501
Ion Ratio Lower Upper
84 100
49 134.8 84.4 126.6#
51 38.5 26.0 39.0
86 63.2 49.5 74.3

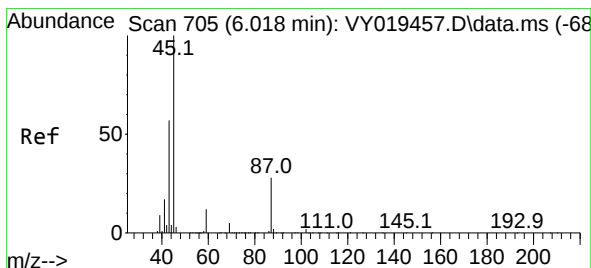
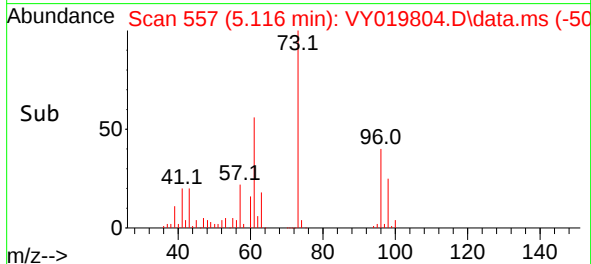
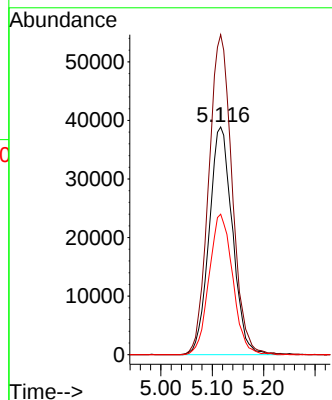
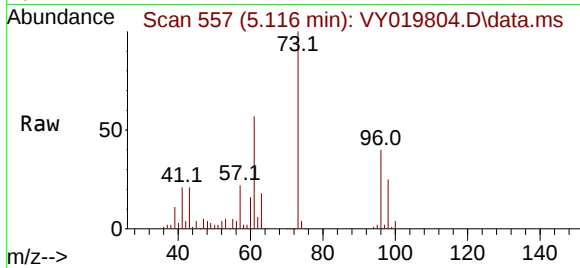




#21
trans-1,2-Dichloroethene
Concen: 53.495 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY019804.D
Acq: 04 Oct 2024 16:50

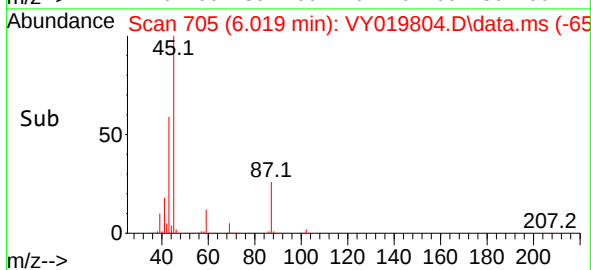
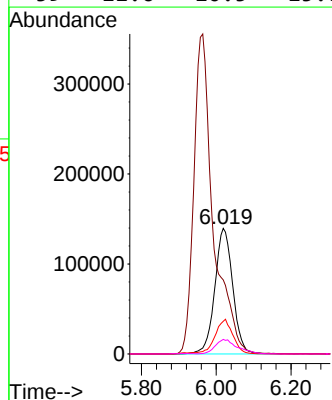
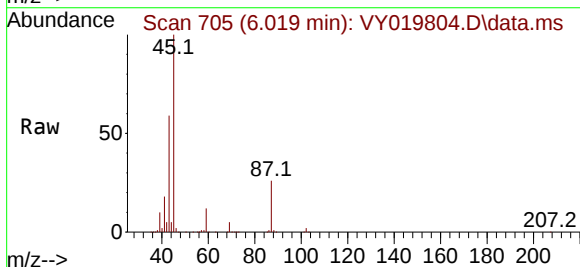
Instrument :
MSVOA_Y
ClientSampleId :

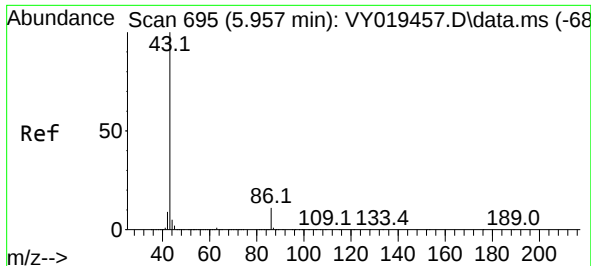
Tgt Ion: 96 Resp: 122422
Ion Ratio Lower Upper
96 100
61 140.6 97.5 146.3
98 61.7 50.5 75.7



#22
Diisopropyl ether
Concen: 60.585 ug/l
RT: 6.019 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY019804.D
Acq: 04 Oct 2024 16:50

Tgt Ion: 45 Resp: 465816
Ion Ratio Lower Upper
45 100
43 58.7 42.2 63.2
87 25.9 25.0 37.6
59 11.6 10.5 15.7

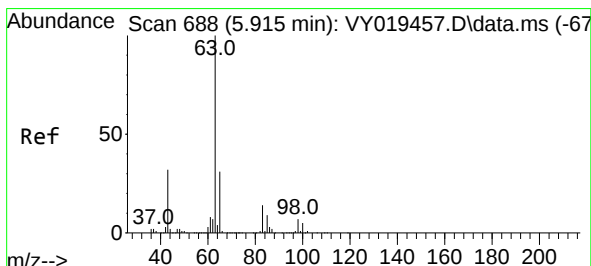
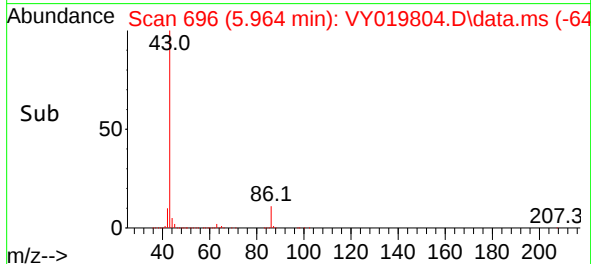
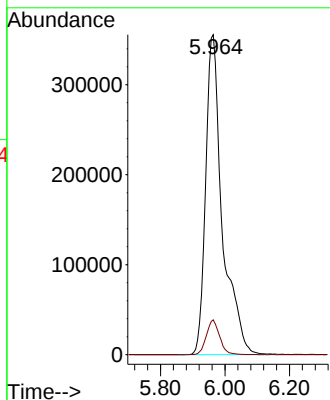
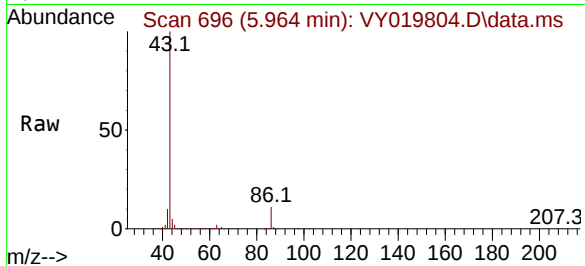




#23
 Vinyl Acetate
 Concen: 291.215 ug/l
 RT: 5.964 min Scan# 696
 Delta R.T. 0.006 min
 Lab File: VY019804.D
 Acq: 04 Oct 2024 16:50

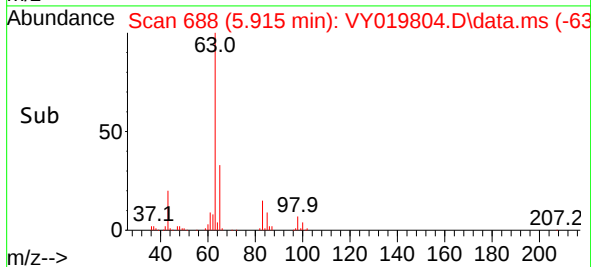
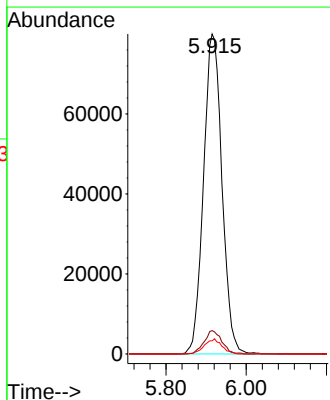
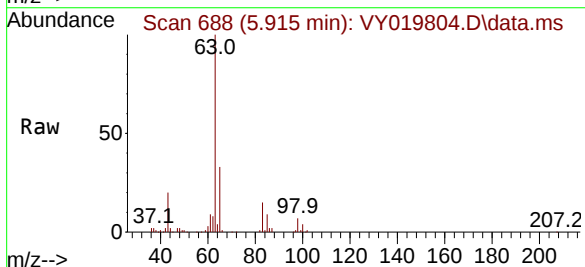
Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion: 43 Resp: 1278930
 Ion Ratio Lower Upper
 43 100
 86 10.9 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 59.188 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY019804.D
 Acq: 04 Oct 2024 16:50

Tgt Ion: 63 Resp: 255365
 Ion Ratio Lower Upper
 63 100
 98 7.3 4.0 12.2
 100 4.1 2.6 8.0

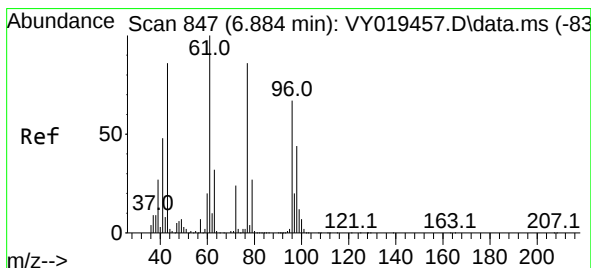
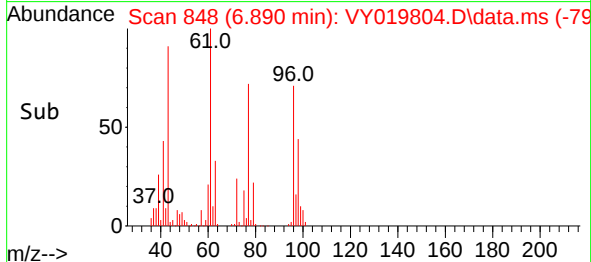
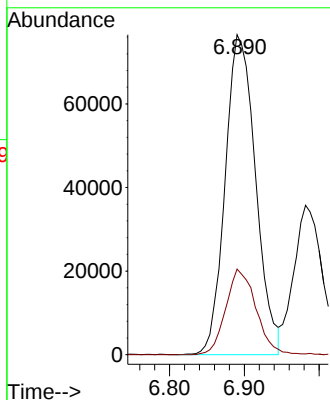
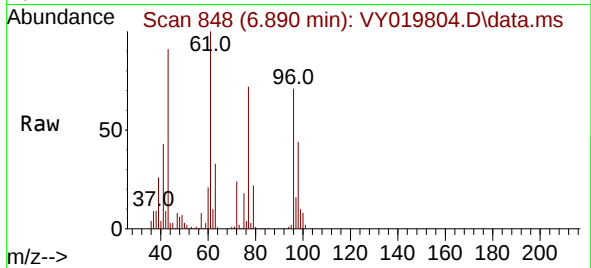




#25
2-Butanone
Concen: 293.949 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY019804.D
Acq: 04 Oct 2024 16:50

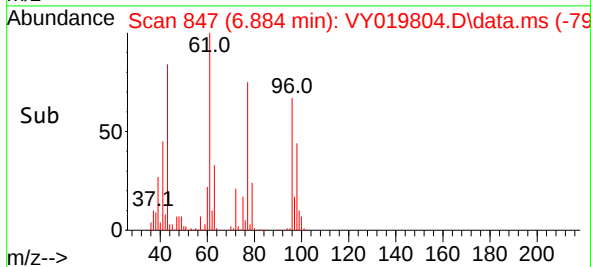
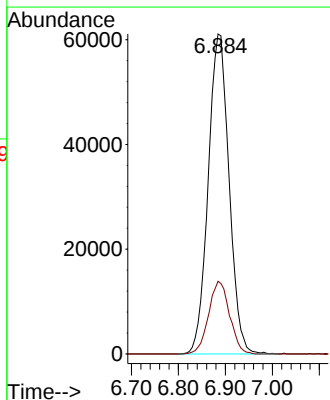
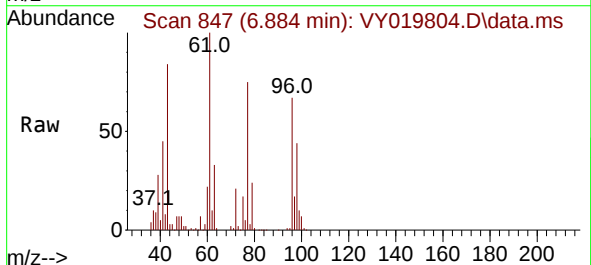
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 217033
Ion Ratio Lower Upper
43 100
72 26.7 27.3 40.9#



#26
2,2-Dichloropropane
Concen: 48.386 ug/l
RT: 6.884 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY019804.D
Acq: 04 Oct 2024 16:50

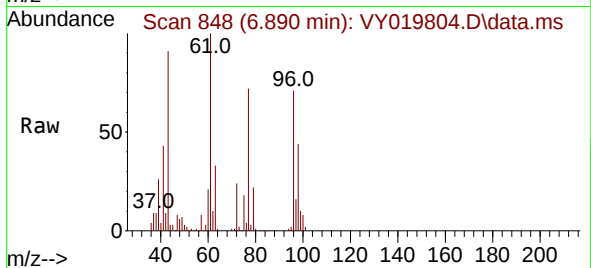
Tgt Ion: 77 Resp: 188309
Ion Ratio Lower Upper
77 100
97 22.8 12.0 36.1



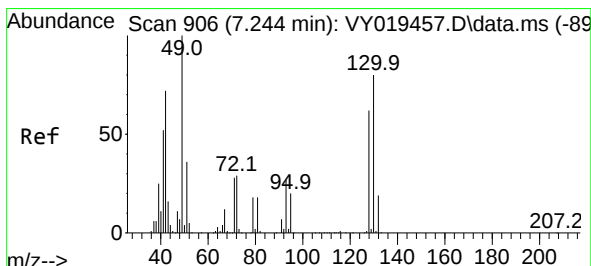
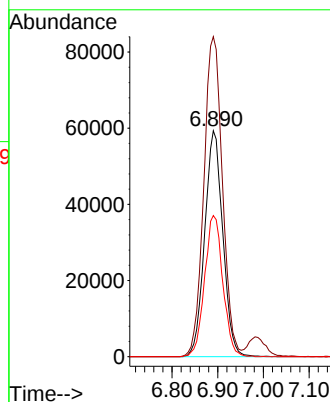
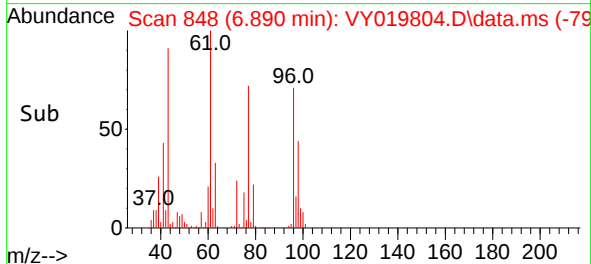


#27
 cis-1,2-Dichloroethene
 Concen: 58.778 ug/l
 RT: 6.890 min Scan# 848
 Delta R.T. 0.000 min
 Lab File: VY019804.D
 Acq: 04 Oct 2024 16:50

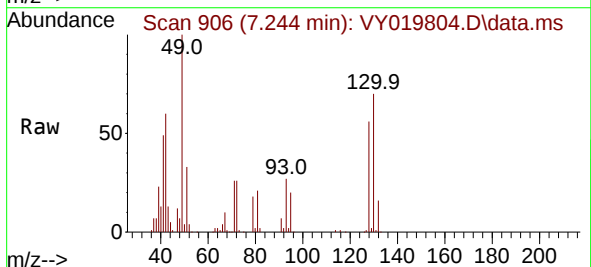
Instrument :
 MSVOA_Y
 ClientSampleId :



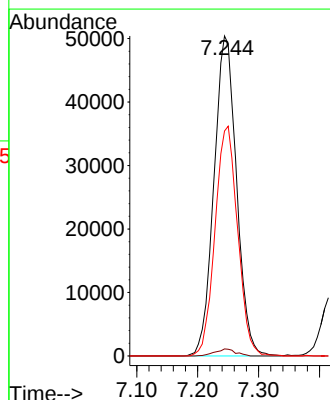
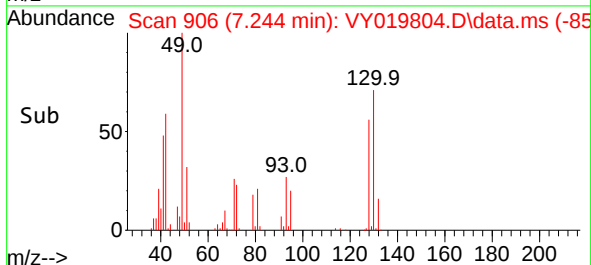
Tgt Ion: 96 Resp: 163395
 Ion Ratio Lower Upper
 96 100
 61 145.7 0.0 256.2
 98 63.0 0.0 130.0



#28
 Bromochloromethane
 Concen: 71.574 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. 0.000 min
 Lab File: VY019804.D
 Acq: 04 Oct 2024 16:50



Tgt Ion: 49 Resp: 129928
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.6
 130 71.8 72.7 109.1#





#29

Tetrahydrofuran

Concen: 313.976 ug/l

RT: 7.262 min Scan# 909

Delta R.T. 0.000 min

Lab File: VY019804.D

Acq: 04 Oct 2024 16:50

Instrument :

MSVOA_Y

ClientSampleId :

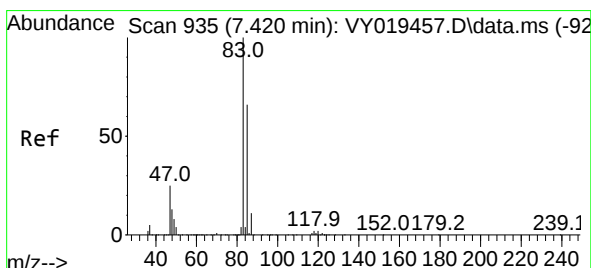
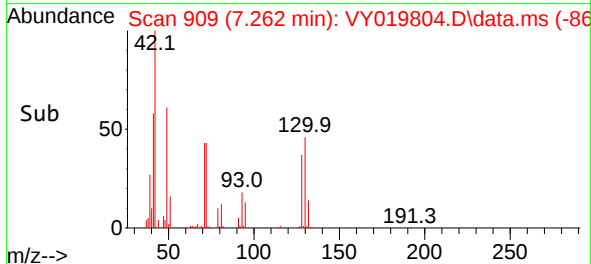
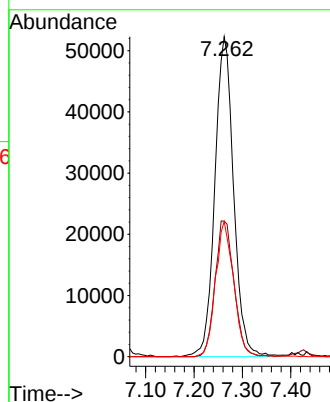
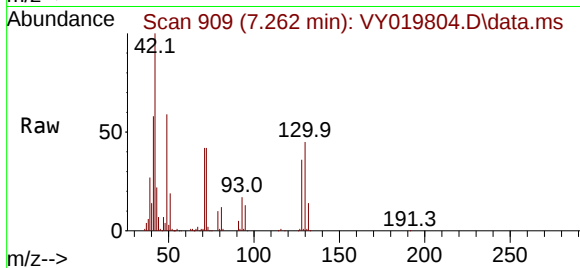
Tgt Ion: 42 Resp: 140950

Ion Ratio Lower Upper

42 100

72 42.9 43.0 64.4#

71 40.9 40.8 61.2



#30

Chloroform

Concen: 61.700 ug/l

RT: 7.421 min Scan# 935

Delta R.T. 0.000 min

Lab File: VY019804.D

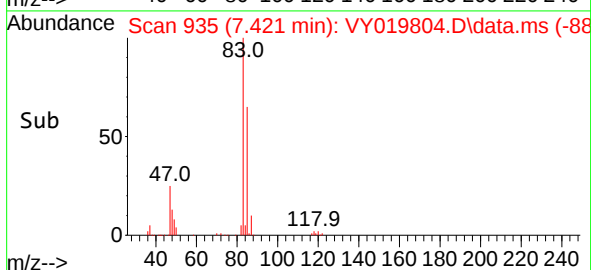
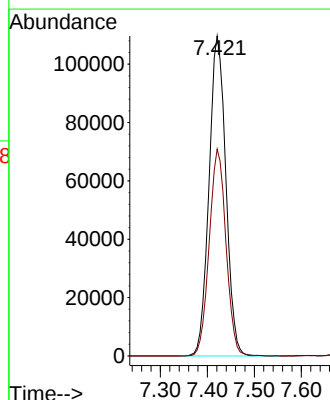
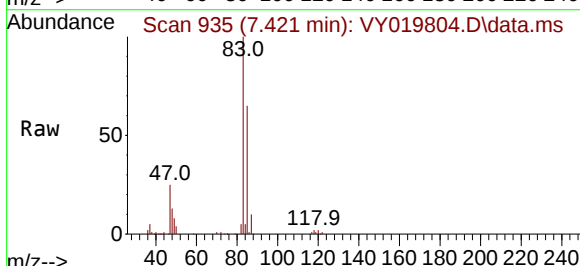
Acq: 04 Oct 2024 16:50

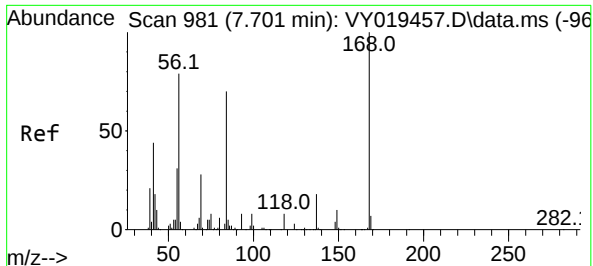
Tgt Ion: 83 Resp: 271750

Ion Ratio Lower Upper

83 100

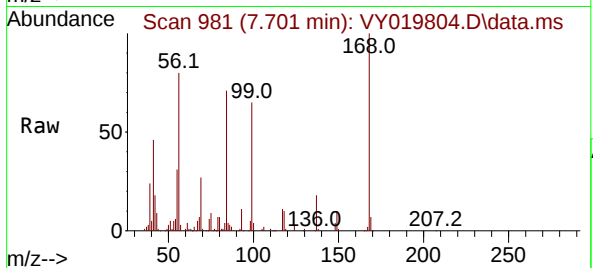
85 64.7 52.2 78.4



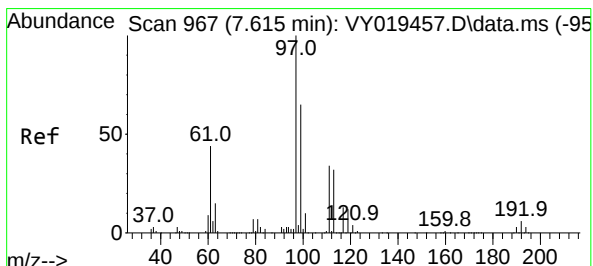
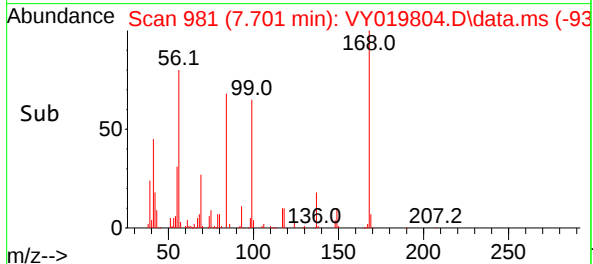
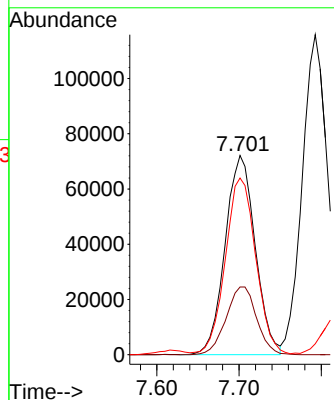


#31
Cyclohexane
Concen: 47.114 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY019804.D
Acq: 04 Oct 2024 16:50

Instrument :
MSVOA_Y
ClientSampleId :

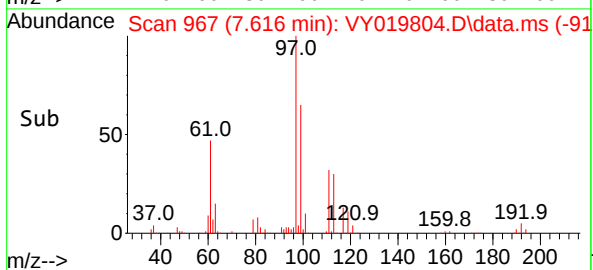
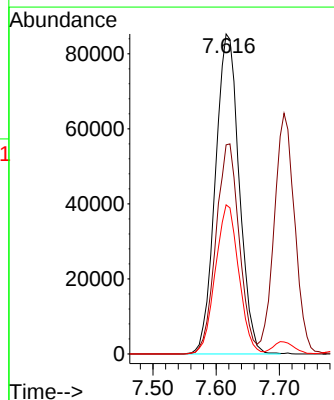
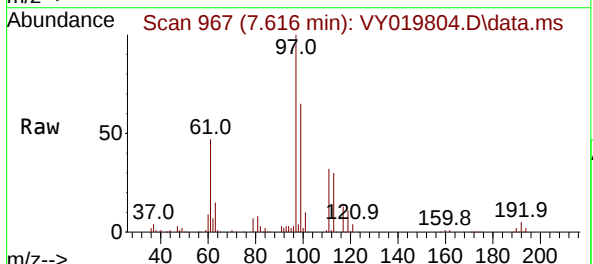


Tgt Ion: 56 Resp: 183737
Ion Ratio Lower Upper
56 100
69 34.0 28.7 43.1
84 86.8 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 56.449 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY019804.D
Acq: 04 Oct 2024 16:50

Tgt Ion: 97 Resp: 222845
Ion Ratio Lower Upper
97 100
99 64.4 50.3 75.5
61 46.0 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 63.222 ug/l

RT: 8.061 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019804.D

Acq: 04 Oct 2024 16:50

Instrument :

MSVOA_Y

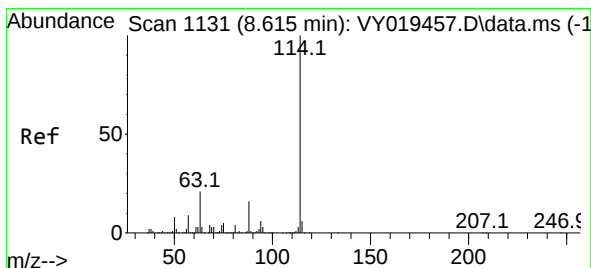
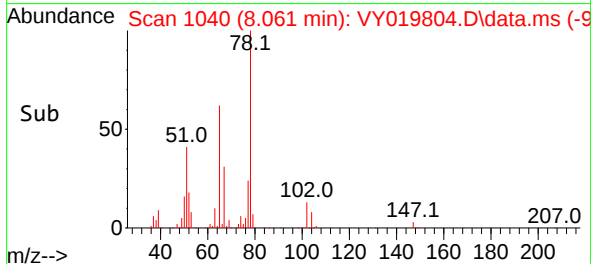
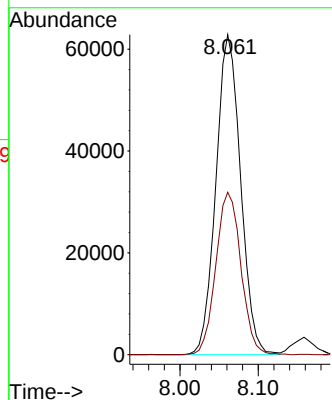
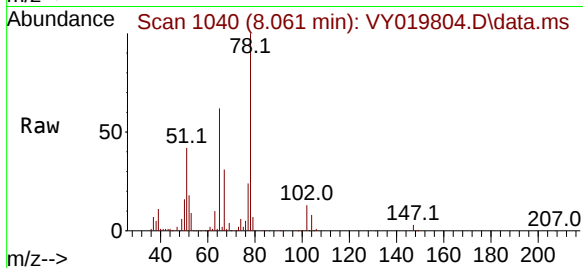
ClientSampleId :

Tgt Ion: 65 Resp: 137765

Ion Ratio Lower Upper

65 100

67 51.6 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY019804.D

Acq: 04 Oct 2024 16:50

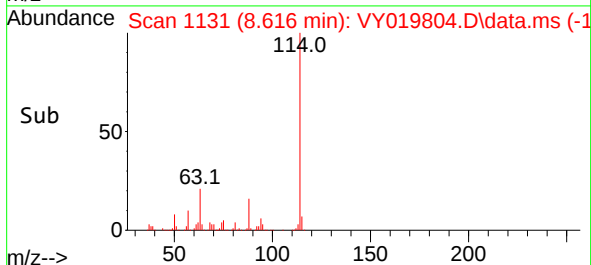
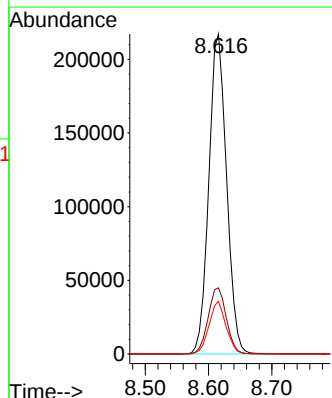
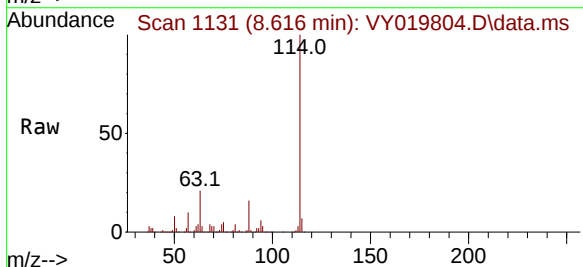
Tgt Ion: 114 Resp: 423379

Ion Ratio Lower Upper

114 100

63 20.6 0.0 35.0

88 16.5 0.0 27.2

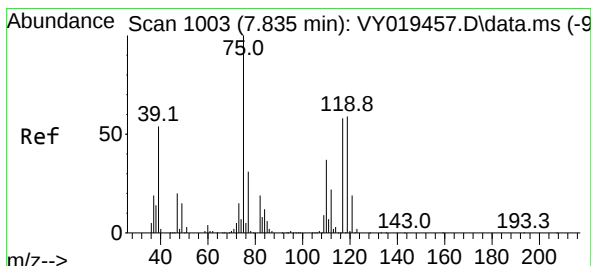
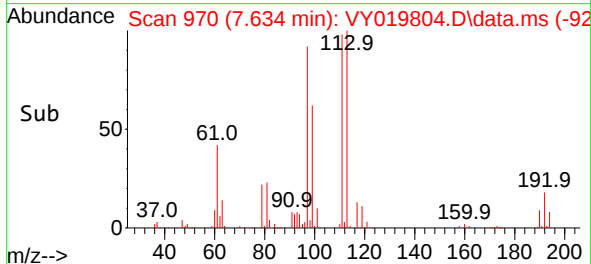
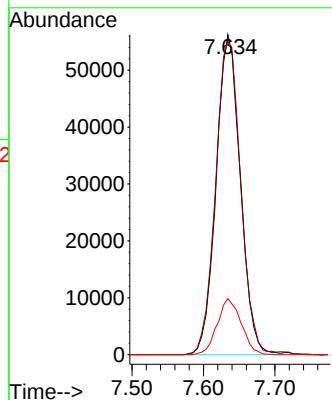
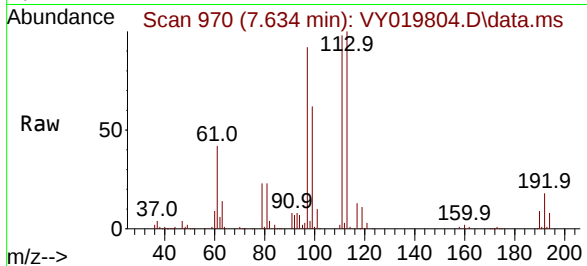




#35
Dibromofluoromethane
Concen: 55.084 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019804.D
Acq: 04 Oct 2024 16:50

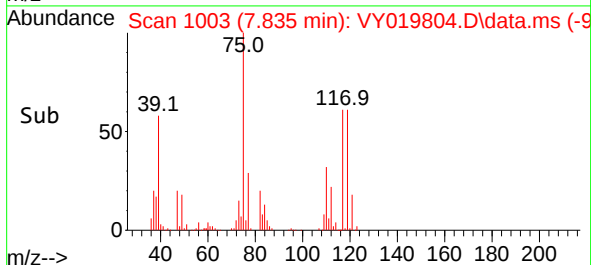
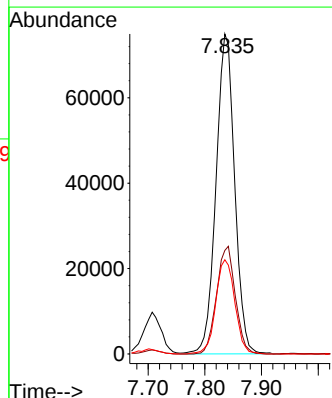
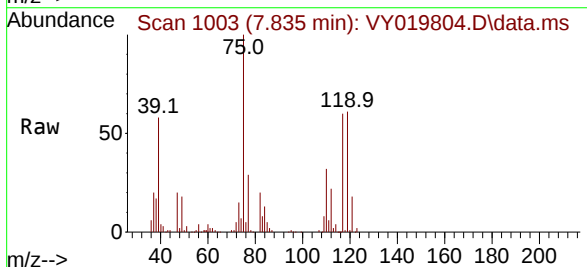
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:113 Resp: 132229
Ion Ratio Lower Upper
113 100
111 102.0 82.2 123.4
192 17.3 15.9 23.9



#36
1,1-Dichloropropene
Concen: 52.297 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY019804.D
Acq: 04 Oct 2024 16:50

Tgt Ion: 75 Resp: 170821
Ion Ratio Lower Upper
75 100
110 33.9 19.0 57.0
77 30.2 25.3 37.9

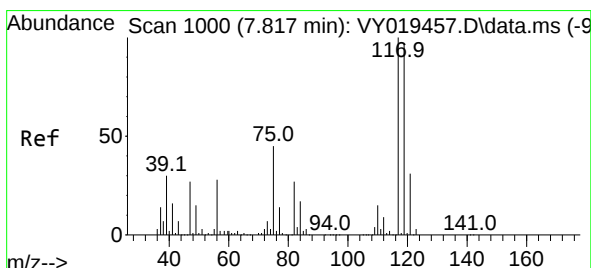
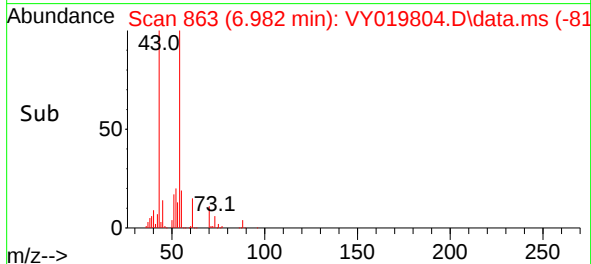
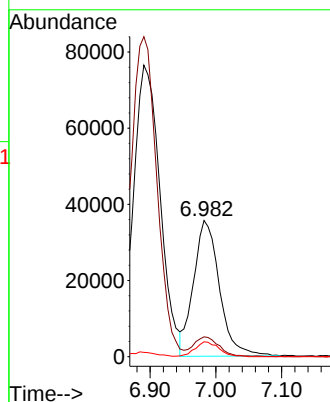
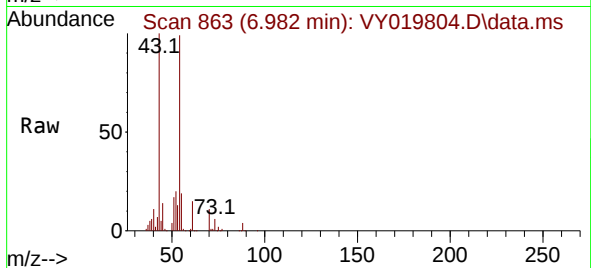




#37
Ethyl Acetate
Concen: 58.321 ug/l
RT: 6.982 min Scan# 80
Delta R.T. 0.000 min
Lab File: VY019804.D
Acq: 04 Oct 2024 16:50

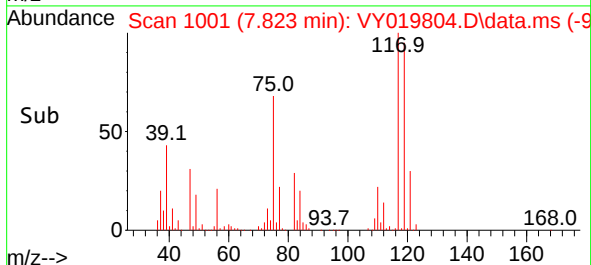
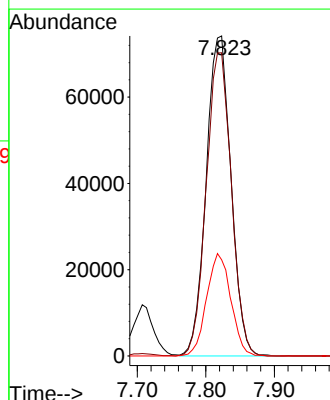
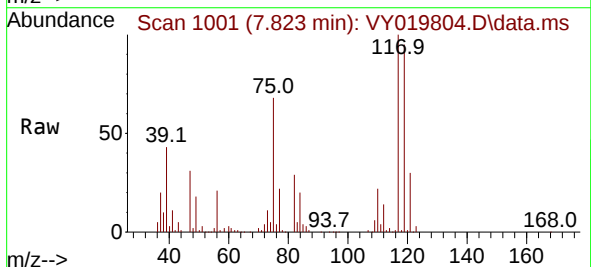
Instrument :
MSVOA_Y
ClientSampleId :

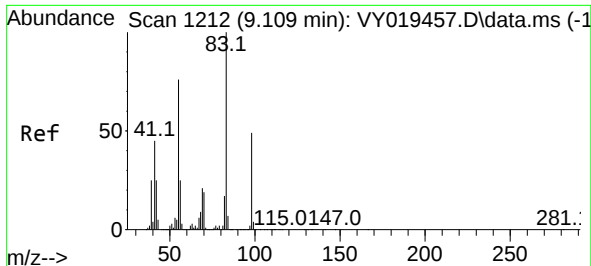
Tgt Ion: 43 Resp: 97606
Ion Ratio Lower Upper
43 100
61 13.7 12.6 19.0
70 10.2 7.8 11.8



#38
Carbon Tetrachloride
Concen: 50.720 ug/l
RT: 7.823 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VY019804.D
Acq: 04 Oct 2024 16:50

Tgt Ion: 117 Resp: 186822
Ion Ratio Lower Upper
117 100
119 94.7 75.8 113.6
121 30.0 24.0 36.0





#39

Methylcyclohexane

Concen: 46.819 ug/l

RT: 9.109 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019804.D

Acq: 04 Oct 2024 16:50

Instrument :

MSVOA_Y

ClientSampleId :

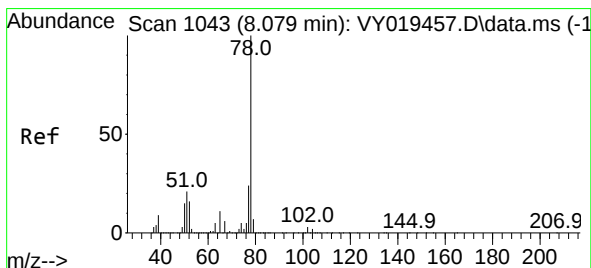
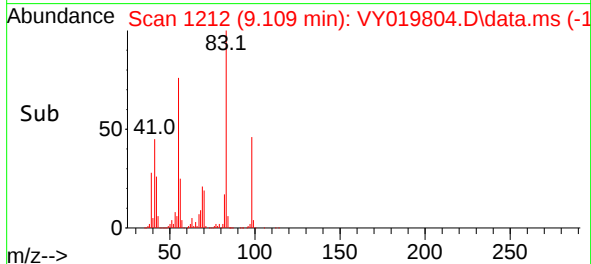
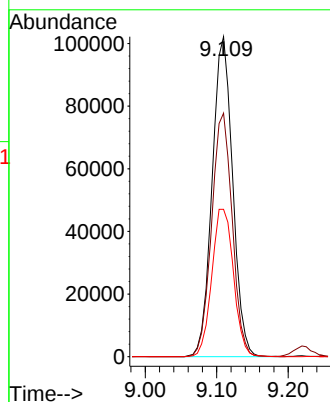
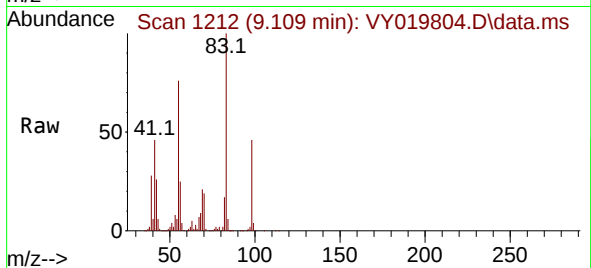
Tgt Ion: 83 Resp: 203514

Ion Ratio Lower Upper

83 100

55 76.1 51.5 77.3

98 46.0 40.5 60.7



#40

Benzene

Concen: 54.282 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VY019804.D

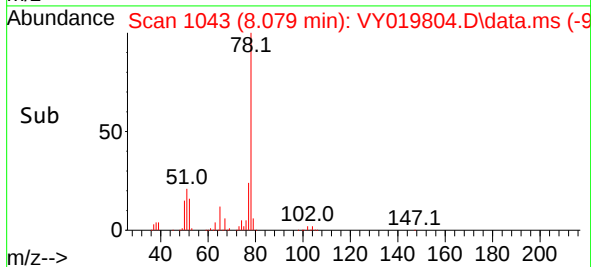
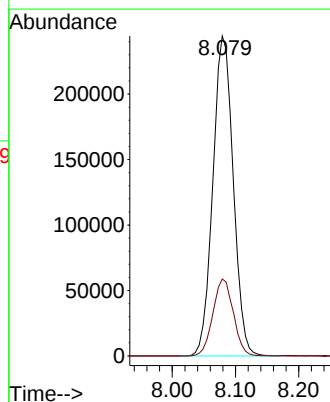
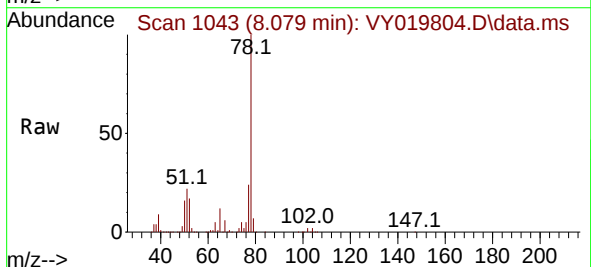
Acq: 04 Oct 2024 16:50

Tgt Ion: 78 Resp: 546105

Ion Ratio Lower Upper

78 100

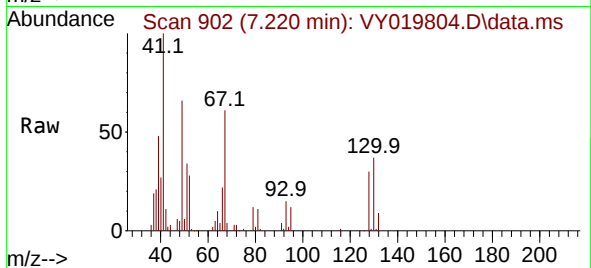
77 24.0 19.5 29.3



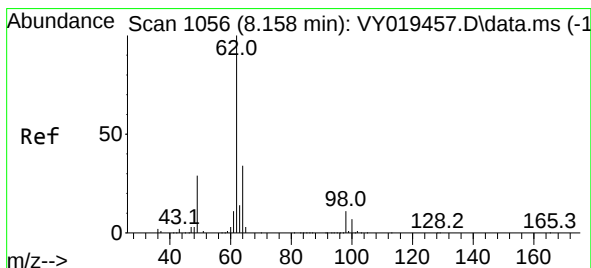
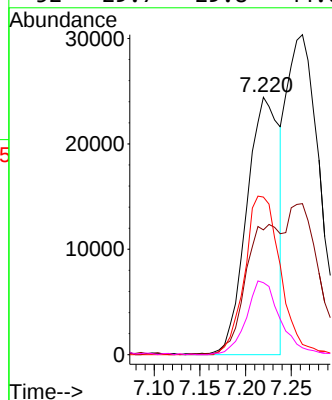
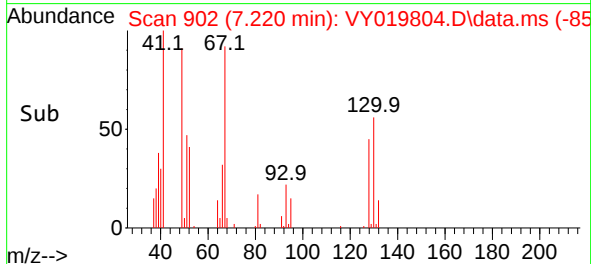


#41
Methacrylonitrile
Concen: 62.273 ug/l
RT: 7.220 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY019804.D
Acq: 04 Oct 2024 16:50

Instrument :
MSVOA_Y
ClientSampleId :

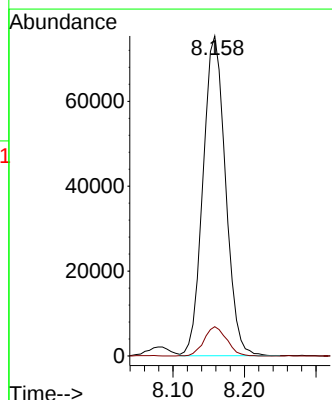
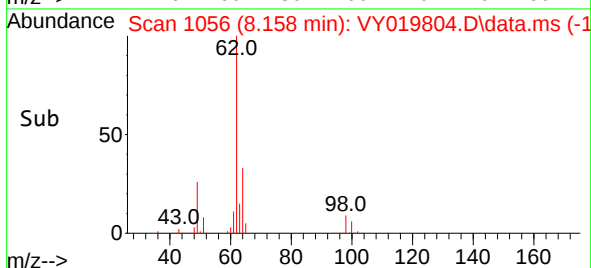
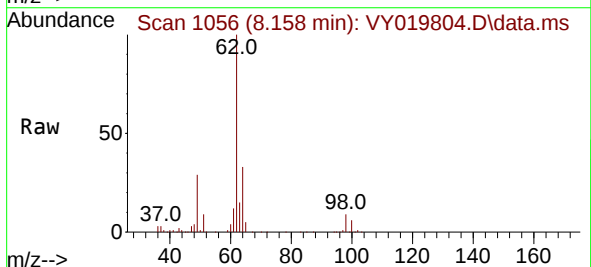


Tgt Ion: 41 Resp: 60752
Ion Ratio Lower Upper
41 100
39 53.5 48.0 72.0
67 67.7 75.1 112.7#
52 29.7 29.8 44.6#



#42
1,2-Dichloroethane
Concen: 60.934 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY019804.D
Acq: 04 Oct 2024 16:50

Tgt Ion: 62 Resp: 164957
Ion Ratio Lower Upper
62 100
98 9.2 0.0 22.0

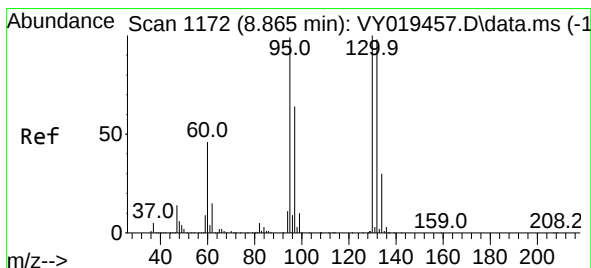
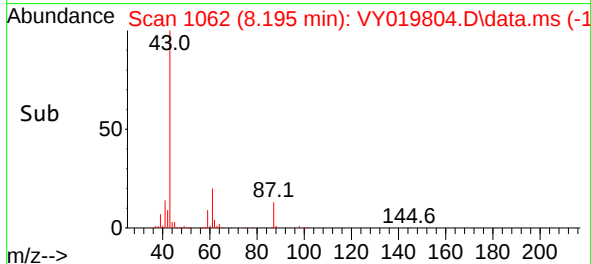
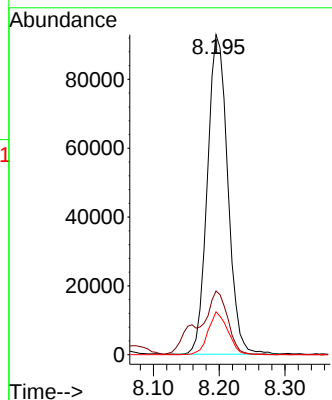
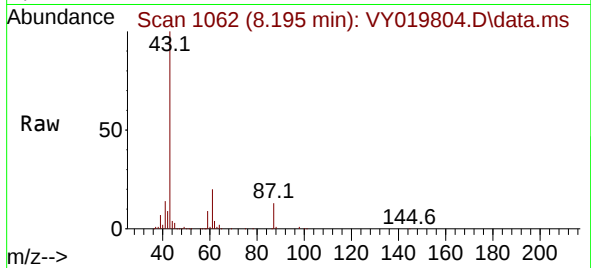




#43
Isopropyl Acetate
Concen: 56.895 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VY019804.D
Acq: 04 Oct 2024 16:50

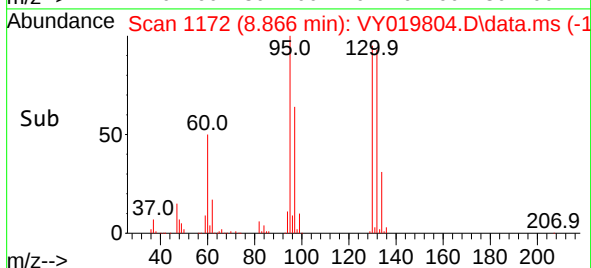
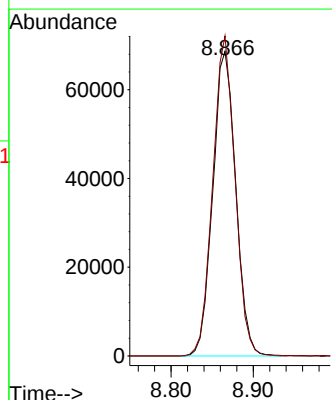
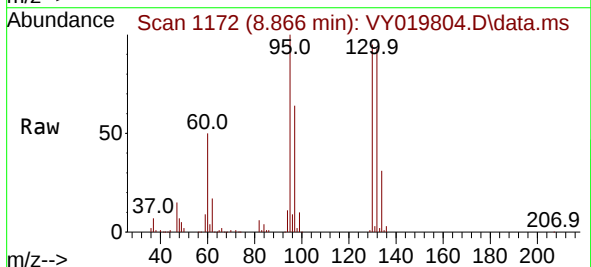
Instrument :
MSVOA_Y
ClientSampleId :

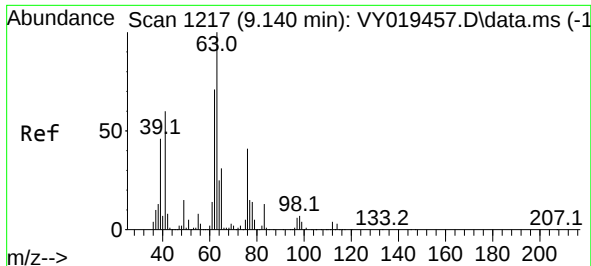
Tgt Ion: 43 Resp: 200047
Ion Ratio Lower Upper
43 100
61 19.4 27.9 41.9#
87 13.0 13.1 19.7#



#44
Trichloroethene
Concen: 51.437 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY019804.D
Acq: 04 Oct 2024 16:50

Tgt Ion:130 Resp: 133086
Ion Ratio Lower Upper
130 100
95 105.0 0.0 188.0





#45

1,2-Dichloropropane

Concen: 56.745 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY019804.D

Acq: 04 Oct 2024 16:50

Instrument :

MSVOA_Y

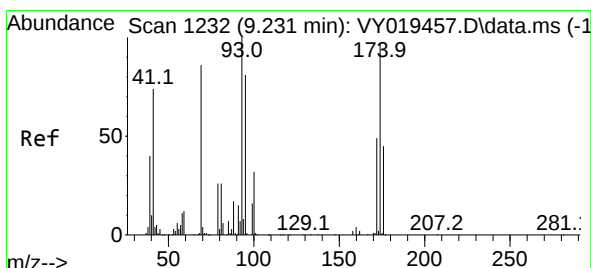
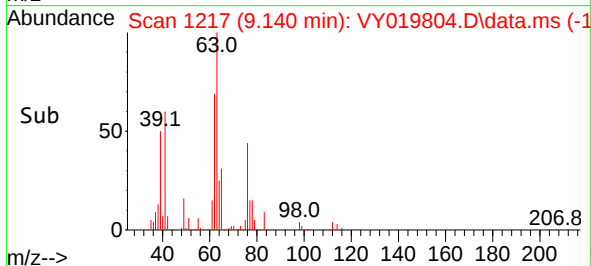
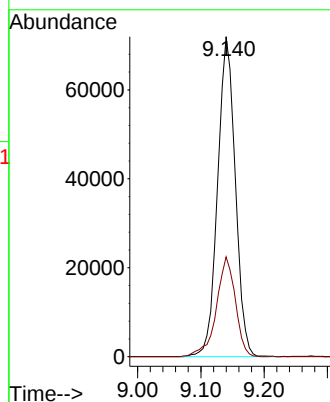
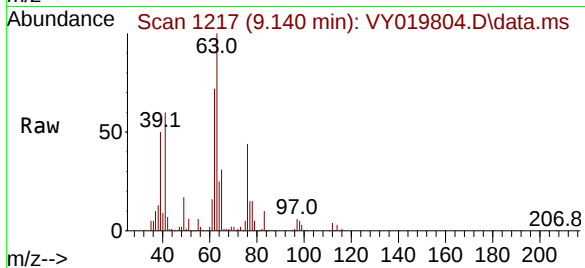
ClientSampleId :

Tgt Ion: 63 Resp: 139568

Ion Ratio Lower Upper

63 100

65 31.2 25.4 38.2



#46

Dibromomethane

Concen: 58.904 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY019804.D

Acq: 04 Oct 2024 16:50

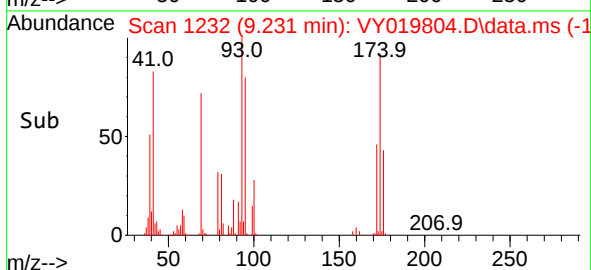
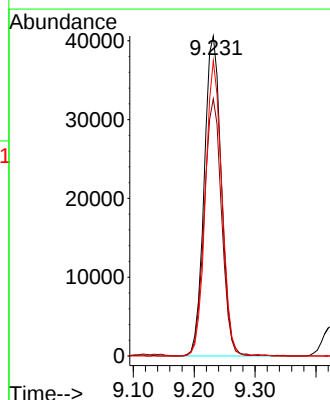
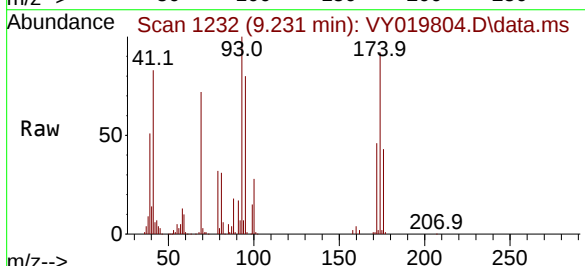
Tgt Ion: 93 Resp: 79226

Ion Ratio Lower Upper

93 100

95 81.3 66.2 99.4

174 88.7 80.9 121.3

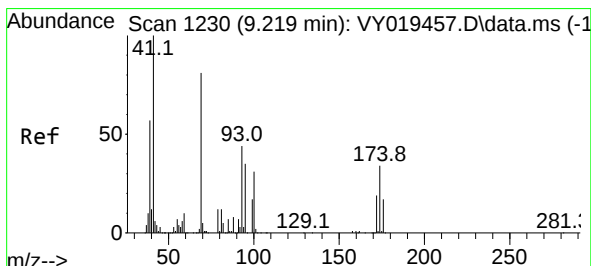
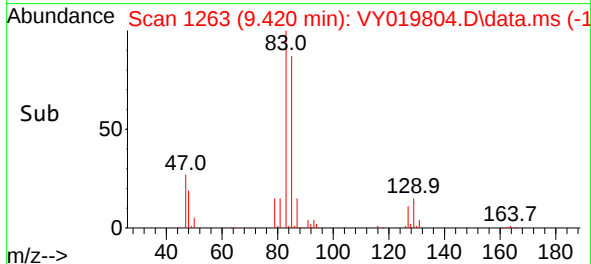
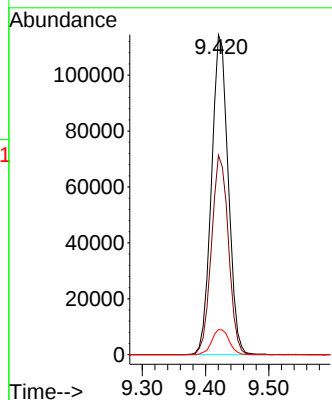
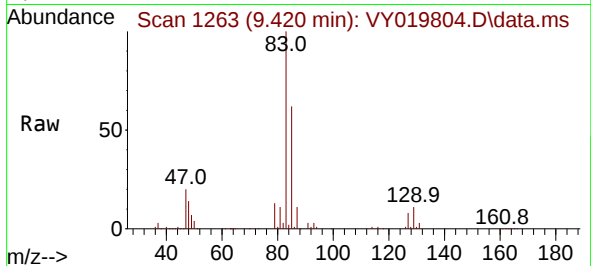




#47
Bromodichloromethane
Concen: 58.116 ug/l
RT: 9.420 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019804.D
Acq: 04 Oct 2024 16:50

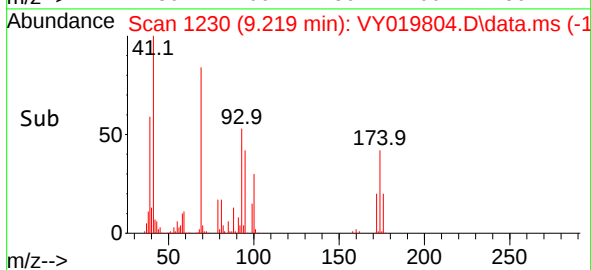
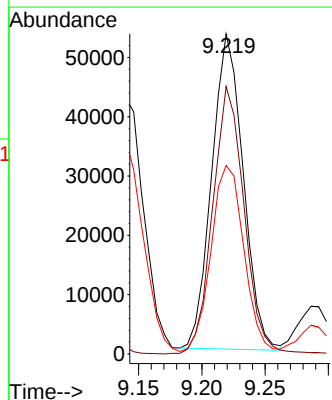
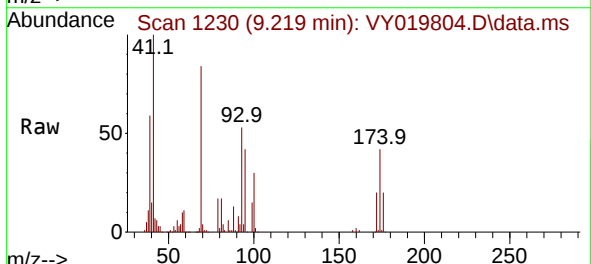
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 83 Resp: 210118
Ion Ratio Lower Upper
83 100
85 62.3 50.1 75.1
127 7.8 7.4 11.0



#48
Methyl methacrylate
Concen: 55.327 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY019804.D
Acq: 04 Oct 2024 16:50

Tgt Ion: 41 Resp: 91866
Ion Ratio Lower Upper
41 100
69 84.9 84.1 126.1
39 63.1 43.6 65.4





#49

1,4-Dioxane

Concen: 1201.043 ug/l

RT: 9.225 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY019804.D

Acq: 04 Oct 2024 16:50

Instrument :

MSVOA_Y

ClientSampleId :

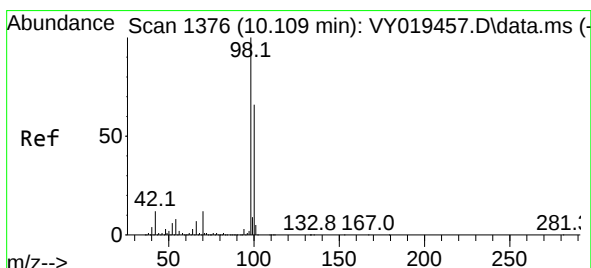
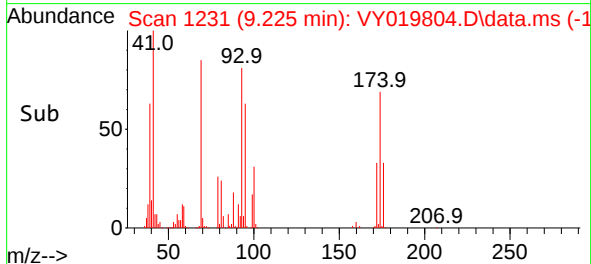
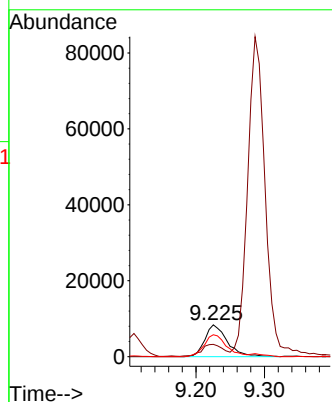
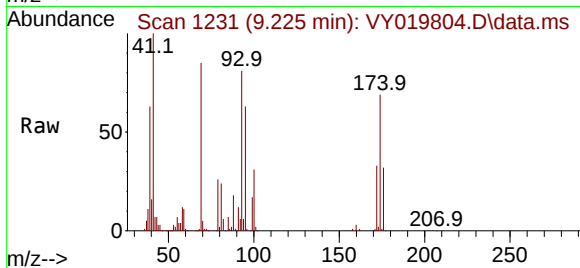
Tgt Ion: 88 Resp: 19017

Ion Ratio Lower Upper

88 100

43 37.2 0.0 0.0#

58 68.9 49.3 73.9



#50

Toluene-d8

Concen: 51.855 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY019804.D

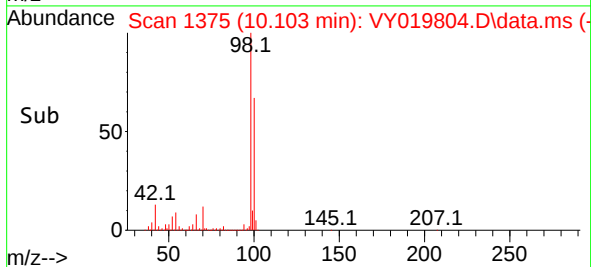
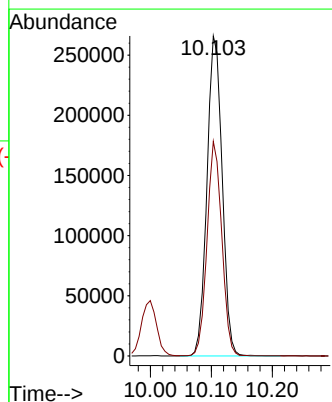
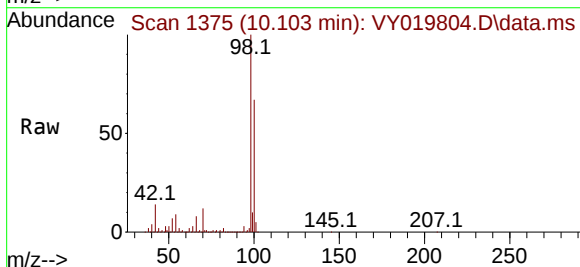
Acq: 04 Oct 2024 16:50

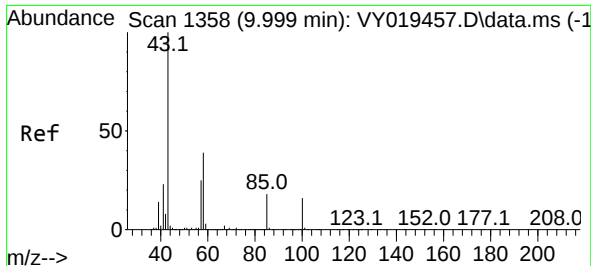
Tgt Ion: 98 Resp: 460411

Ion Ratio Lower Upper

98 100

100 65.0 52.0 78.0

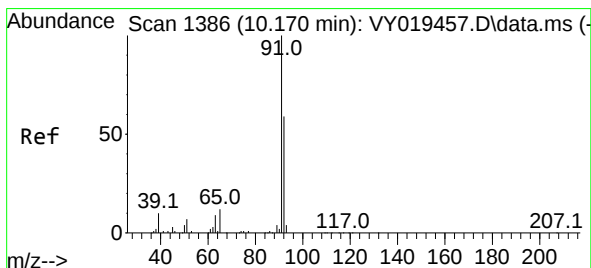
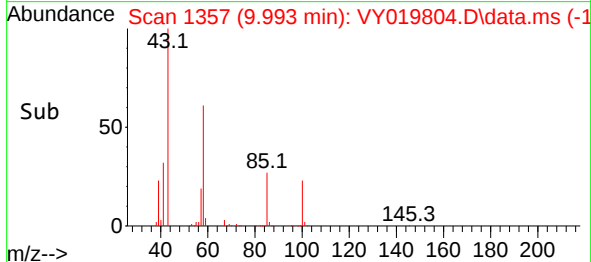
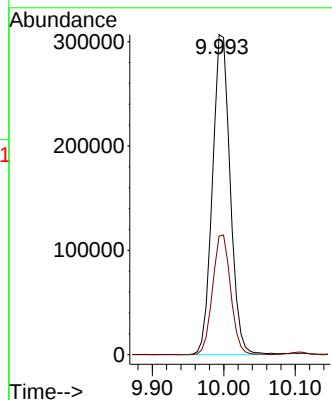
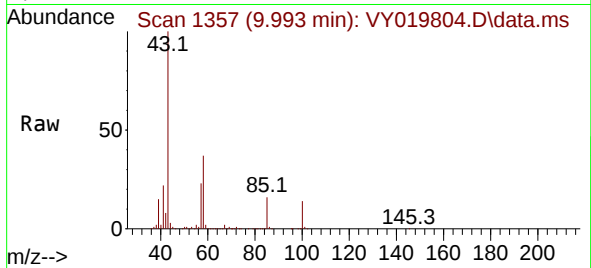




#51
4-Methyl-2-Pentanone
Concen: 298.988 ug/l
RT: 9.993 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019804.D
Acq: 04 Oct 2024 16:50

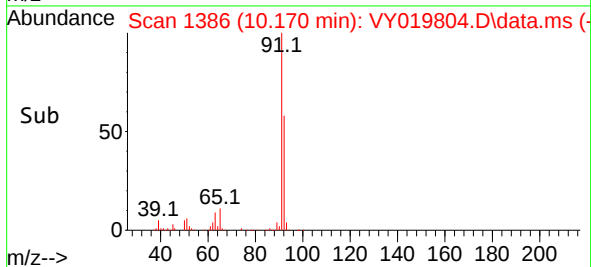
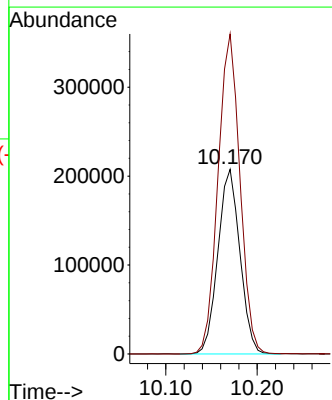
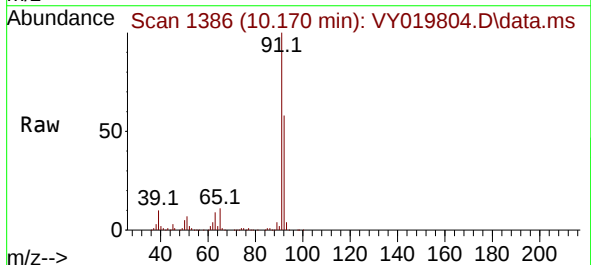
Instrument :
MSVOA_Y
ClientSampleId :

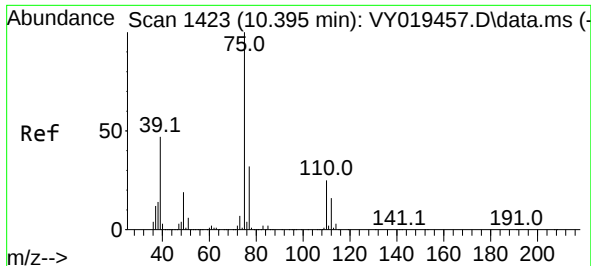
Tgt Ion: 43 Resp: 528888
Ion Ratio Lower Upper
43 100
58 38.1 35.7 53.5



#52
Toluene
Concen: 53.635 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY019804.D
Acq: 04 Oct 2024 16:50

Tgt Ion: 92 Resp: 347042
Ion Ratio Lower Upper
92 100
91 172.9 139.0 208.6

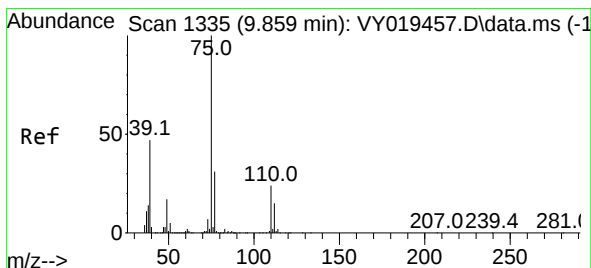
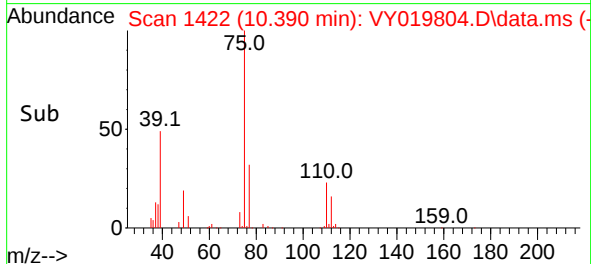
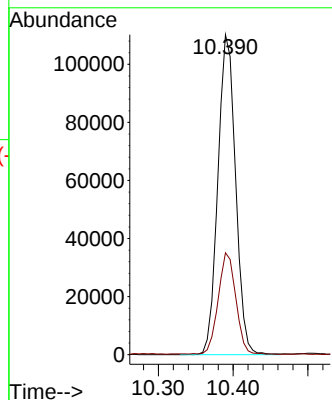
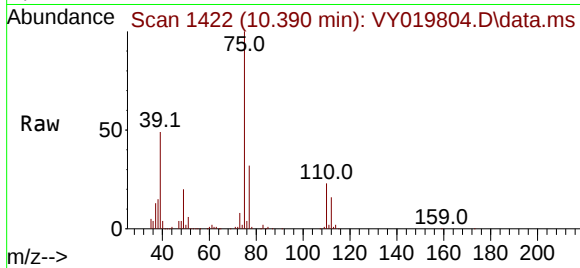




#53
t-1,3-Dichloropropene
Concen: 52.599 ug/l
RT: 10.390 min Scan# 1423
Delta R.T. -0.006 min
Lab File: VY019804.D
Acq: 04 Oct 2024 16:50

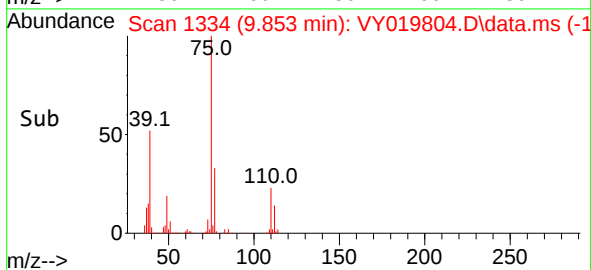
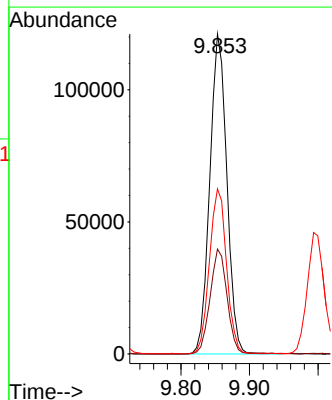
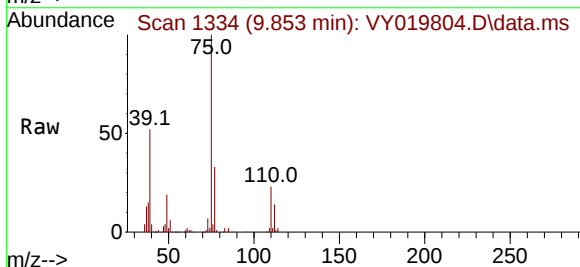
Instrument :
MSVOA_Y
ClientSampleId :

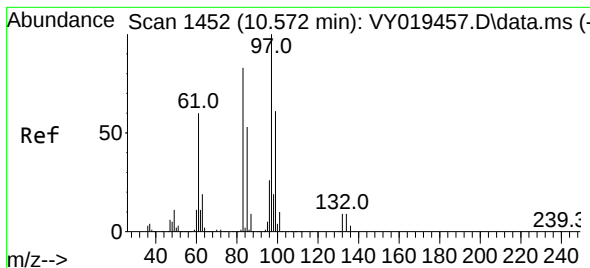
Tgt Ion: 75 Resp: 181284
Ion Ratio Lower Upper
75 100
77 31.7 24.1 36.1



#54
cis-1,3-Dichloropropene
Concen: 52.183 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. -0.006 min
Lab File: VY019804.D
Acq: 04 Oct 2024 16:50

Tgt Ion: 75 Resp: 209419
Ion Ratio Lower Upper
75 100
77 32.8 25.4 38.0
39 51.5 29.8 44.6#



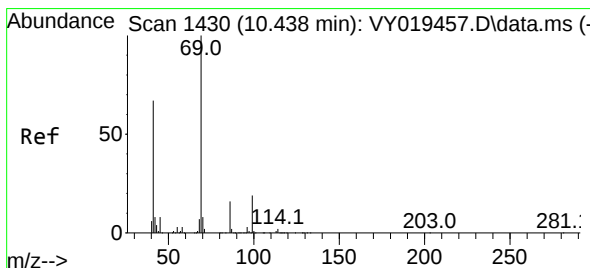
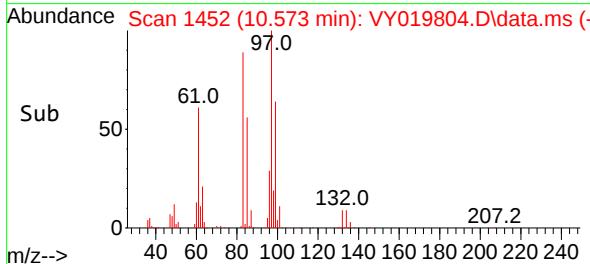
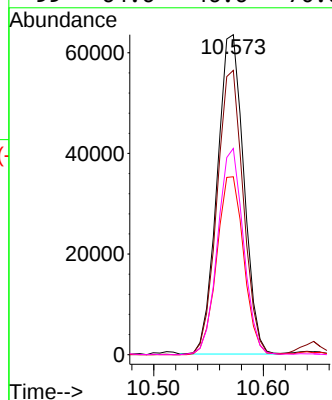
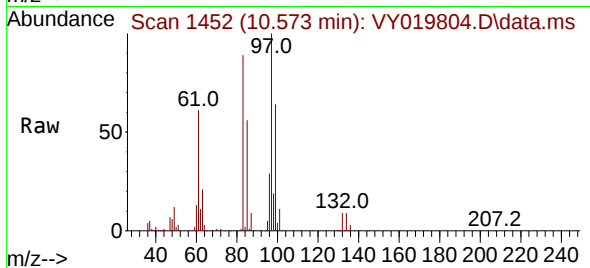


#55
1,1,2-Trichloroethane
Concen: 57.747 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY019804.D
Acq: 04 Oct 2024 16:50

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 97 Resp: 107259

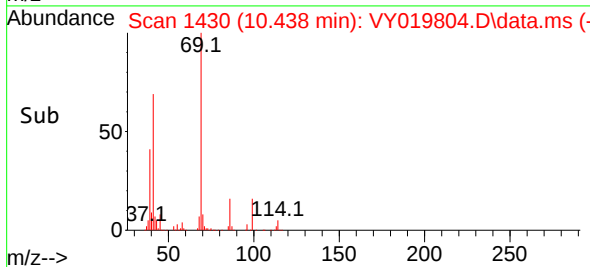
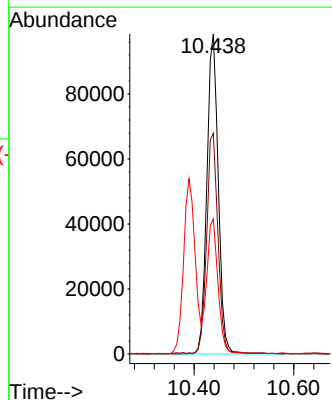
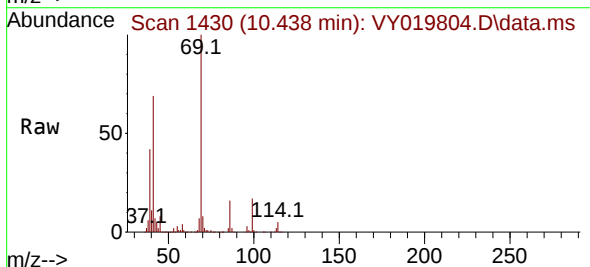
Ion	Ratio	Lower	Upper
97	100		
83	89.0	67.5	101.3
85	55.7	42.9	64.3
99	64.6	46.6	70.0



#56
Ethyl methacrylate
Concen: 55.252 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY019804.D
Acq: 04 Oct 2024 16:50

Tgt Ion: 69 Resp: 155895

Ion	Ratio	Lower	Upper
69	100		
41	68.2	42.3	63.5#
39	40.7	22.9	34.3#





#57

1,3-Dichloropropane

Concen: 58.041 ug/l

RT: 10.713 min Scan# 1476

Delta R.T. -0.006 min

Lab File: VY019804.D

Acq: 04 Oct 2024 16:50

Instrument :

MSVOA_Y

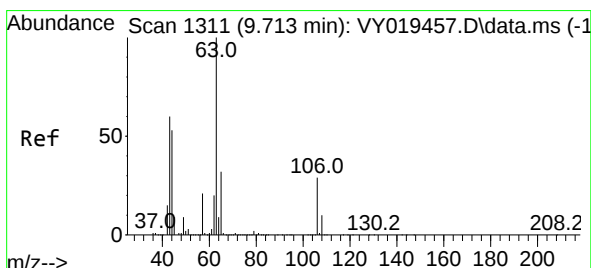
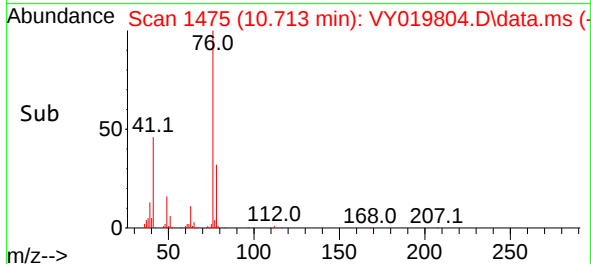
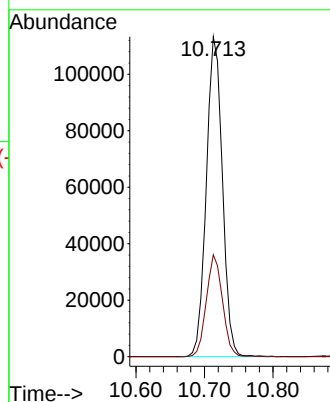
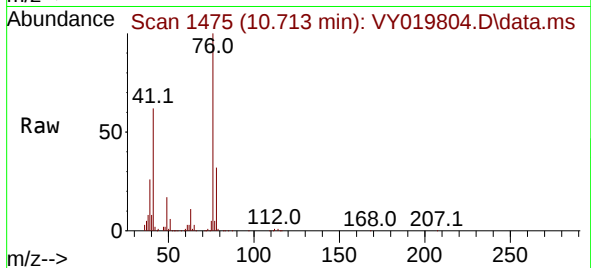
ClientSampleId :

Tgt Ion: 76 Resp: 185311

Ion Ratio Lower Upper

76 100

78 32.0 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 308.070 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. -0.006 min

Lab File: VY019804.D

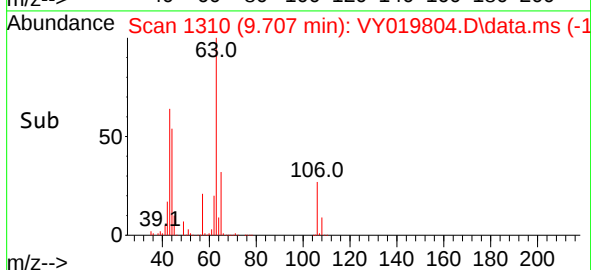
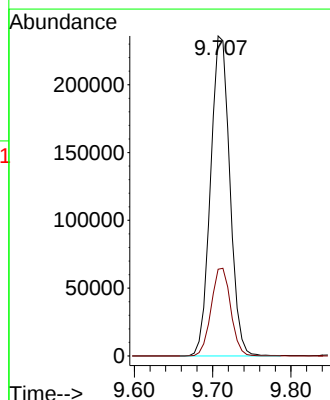
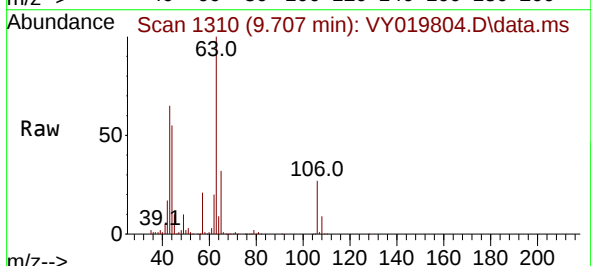
Acq: 04 Oct 2024 16:50

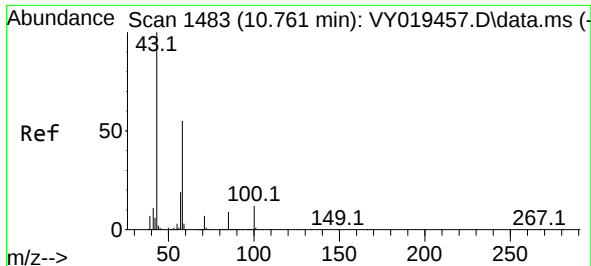
Tgt Ion: 63 Resp: 403434

Ion Ratio Lower Upper

63 100

106 27.8 23.7 35.5

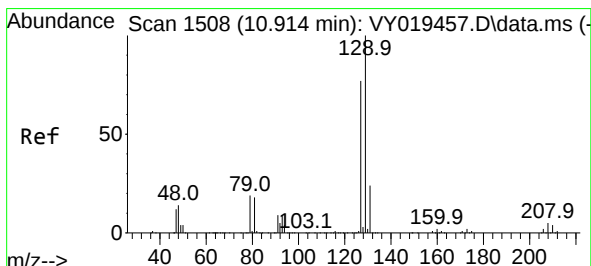
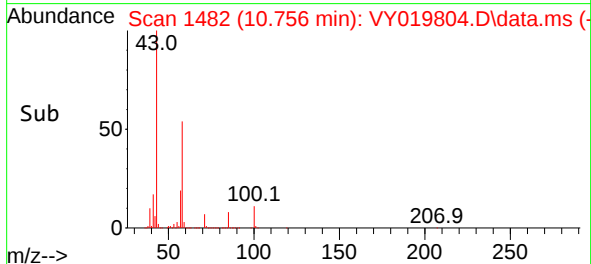
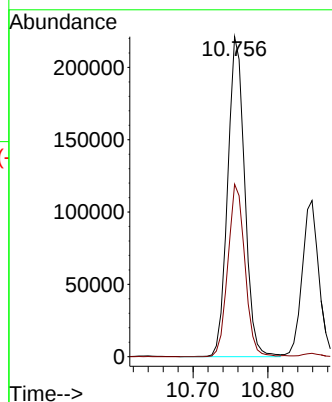
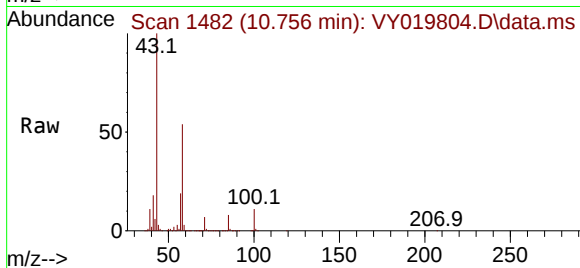




#59
2-Hexanone
Concen: 270.321 ug/l
RT: 10.756 min Scan# 14
Delta R.T. -0.006 min
Lab File: VY019804.D
Acq: 04 Oct 2024 16:50

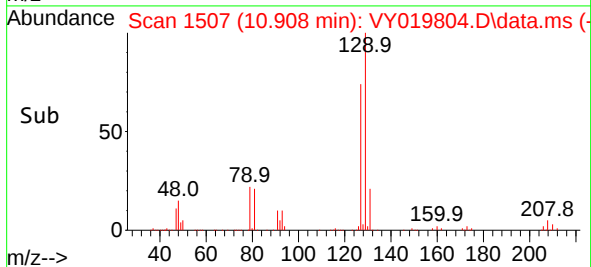
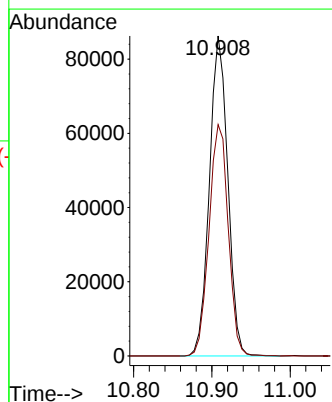
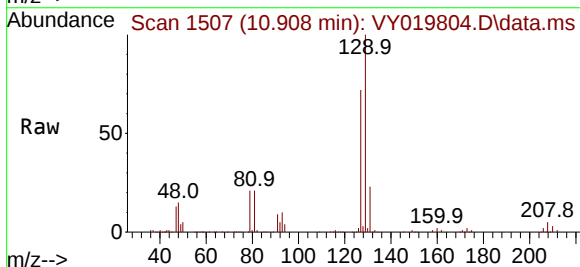
Instrument :
MSVOA_Y
ClientSampleId :

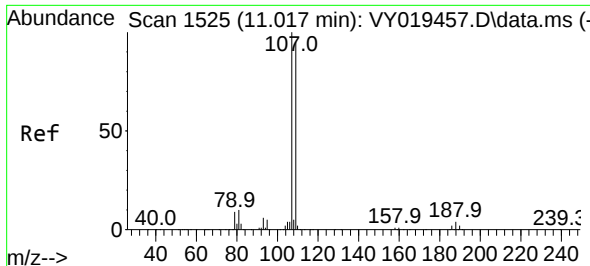
Tgt Ion: 43 Resp: 350568
Ion Ratio Lower Upper
43 100
58 53.8 31.4 94.0



#60
Dibromochloromethane
Concen: 57.107 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.006 min
Lab File: VY019804.D
Acq: 04 Oct 2024 16:50

Tgt Ion: 129 Resp: 140313
Ion Ratio Lower Upper
129 100
127 75.6 39.0 117.0

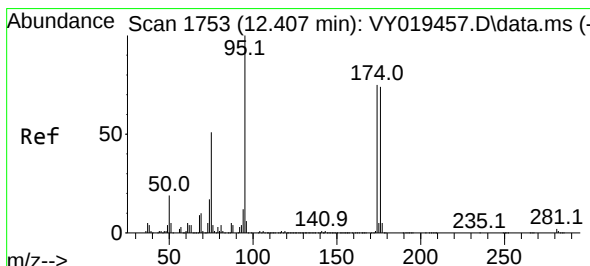
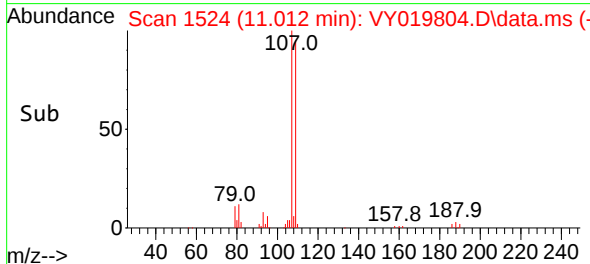
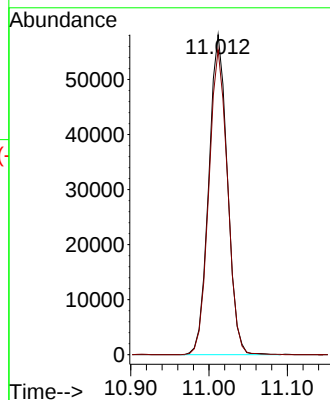
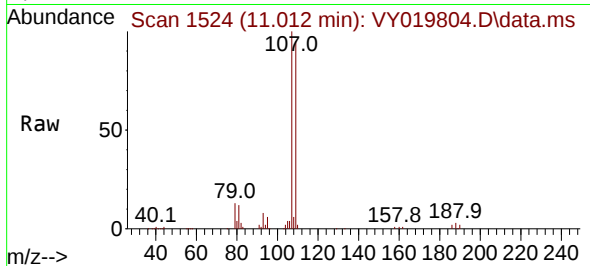




#61
1,2-Dibromoethane
Concen: 55.449 ug/l
RT: 11.012 min Scan# 1524
Delta R.T. -0.006 min
Lab File: VY019804.D
Acq: 04 Oct 2024 16:50

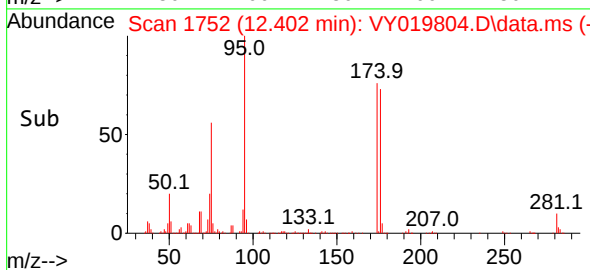
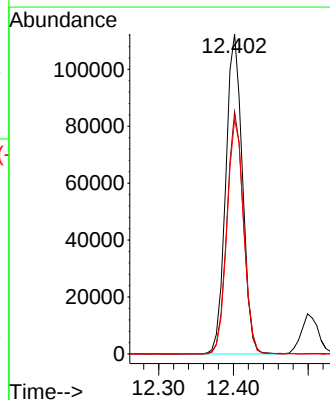
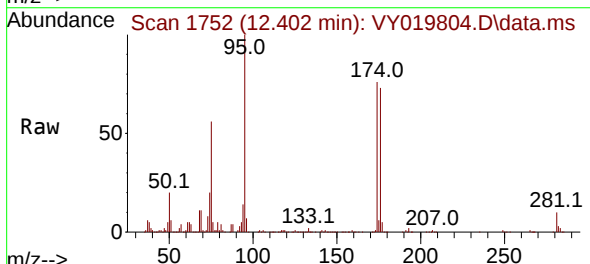
Instrument :
MSVOA_Y
ClientSampleId :

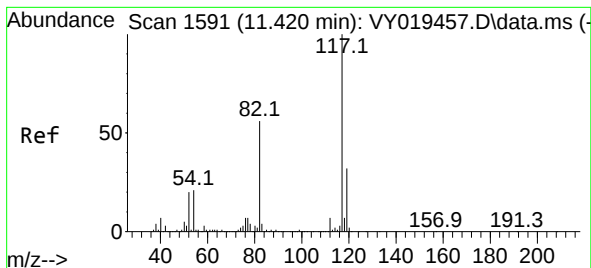
Tgt Ion:107 Resp: 95962
Ion Ratio Lower Upper
107 100
109 95.7 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 50.909 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY019804.D
Acq: 04 Oct 2024 16:50

Tgt Ion: 95 Resp: 173801
Ion Ratio Lower Upper
95 100
174 75.2 0.0 175.6
176 73.5 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY019804.D

Acq: 04 Oct 2024 16:50

Instrument :

MSVOA_Y

ClientSampleId :

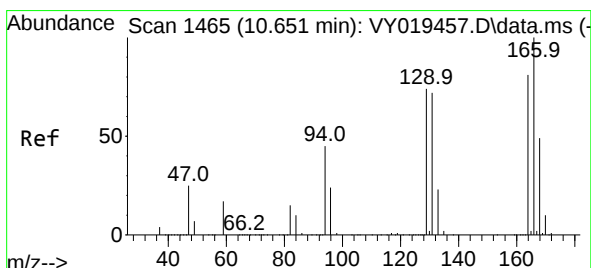
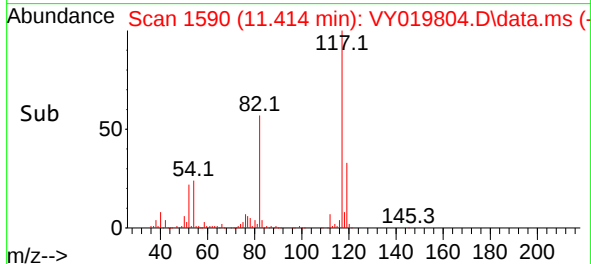
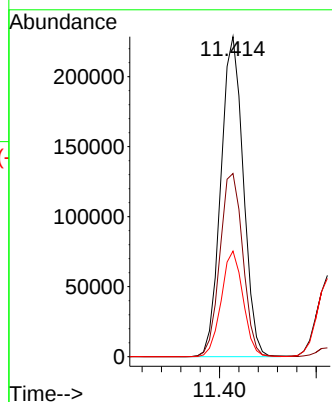
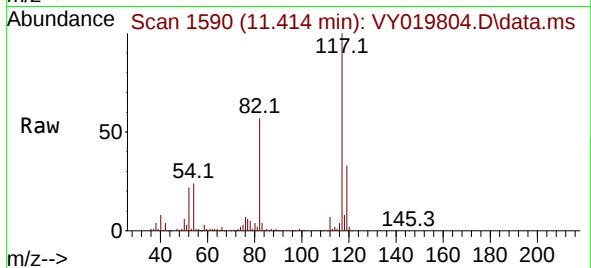
Tgt Ion:117 Resp: 367531

Ion Ratio Lower Upper

117 100

82 57.2 42.4 63.6

119 33.0 25.9 38.9



#64

Tetrachloroethene

Concen: 54.472 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VY019804.D

Acq: 04 Oct 2024 16:50

Tgt Ion:164 Resp: 123974

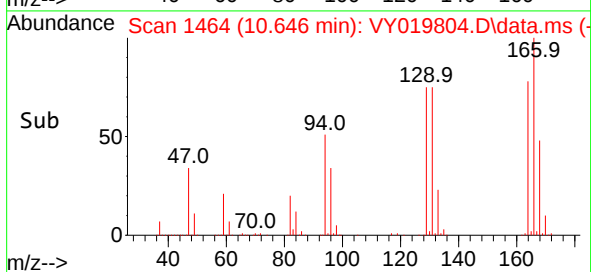
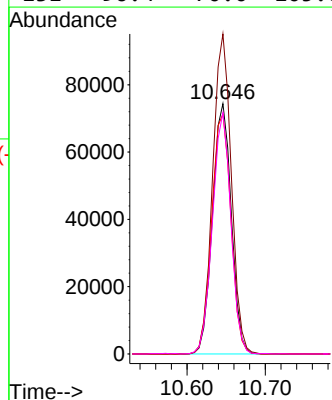
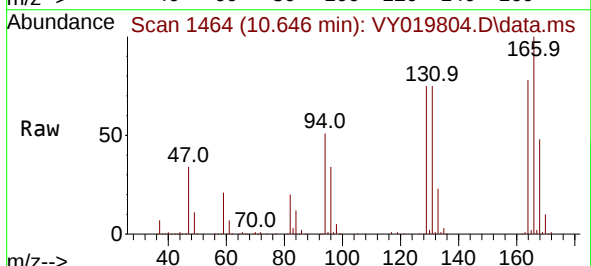
Ion Ratio Lower Upper

164 100

166 127.8 102.6 154.0

129 96.0 72.0 108.0

131 96.4 70.0 105.0





#65

Chlorobenzene

Concen: 53.485 ug/l

RT: 11.438 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY019804.D

Acq: 04 Oct 2024 16:50

Instrument :

MSVOA_Y

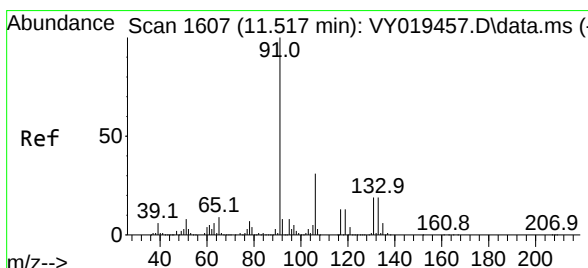
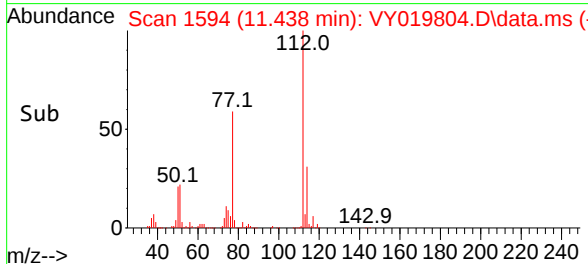
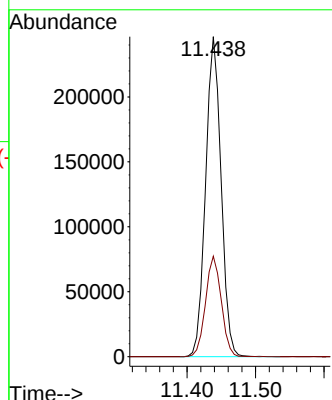
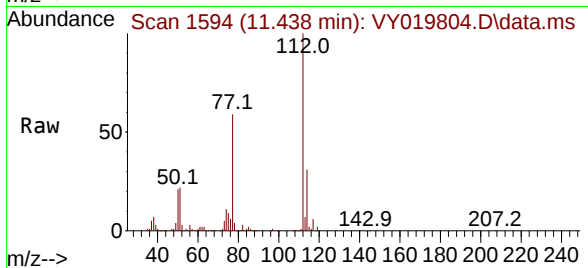
ClientSampleId :

Tgt Ion:112 Resp: 386676

Ion Ratio Lower Upper

112 100

114 31.4 26.4 39.6



#66

1,1,1,2-Tetrachloroethane

Concen: 54.140 ug/l

RT: 11.511 min Scan# 1606

Delta R.T. -0.006 min

Lab File: VY019804.D

Acq: 04 Oct 2024 16:50

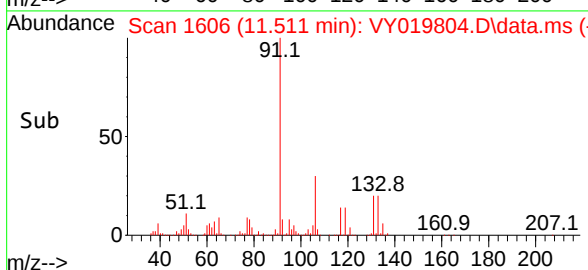
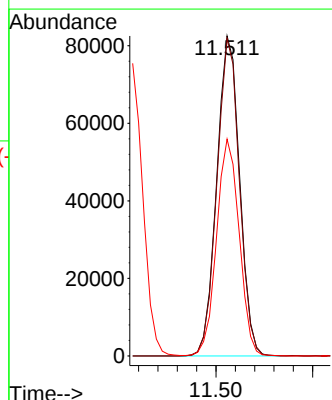
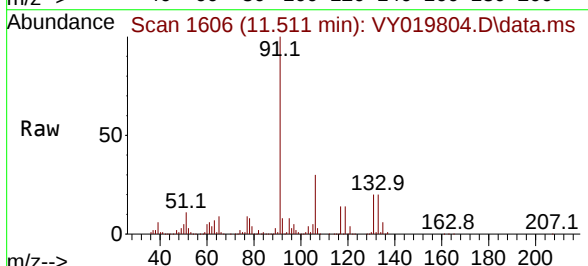
Tgt Ion:131 Resp: 135519

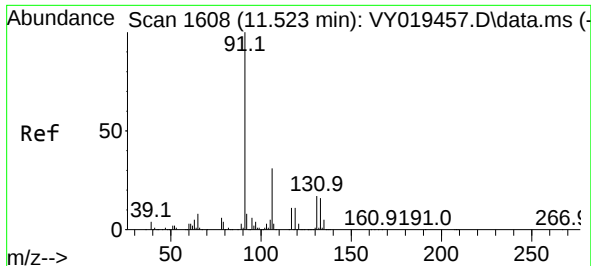
Ion Ratio Lower Upper

131 100

133 97.4 47.8 143.3

119 67.0 34.1 102.2





#67

Ethyl Benzene

Concen: 52.914 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. -0.006 min

Lab File: VY019804.D

Acq: 04 Oct 2024 16:50

Instrument :

MSVOA_Y

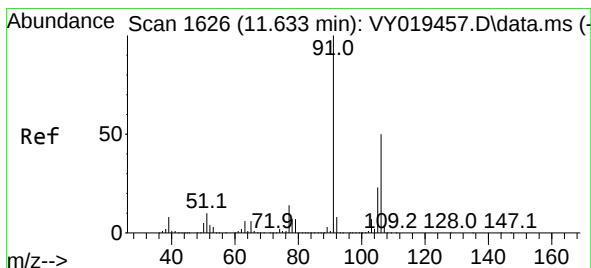
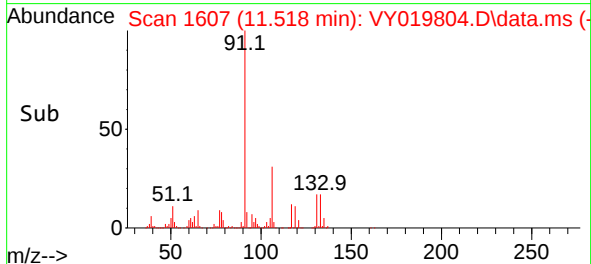
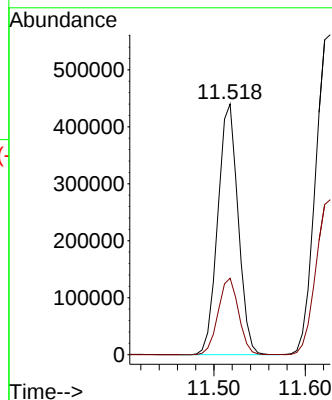
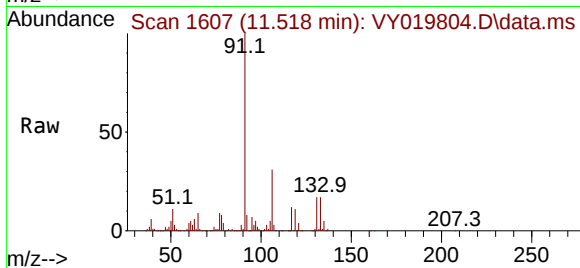
ClientSampleId :

Tgt Ion: 91 Resp: 679713

Ion Ratio Lower Upper

91 100

106 30.5 24.5 36.7



#68

m/p-Xylenes

Concen: 103.682 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY019804.D

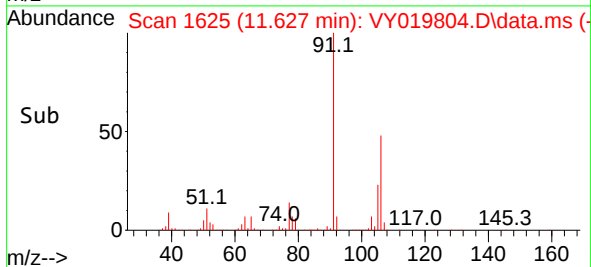
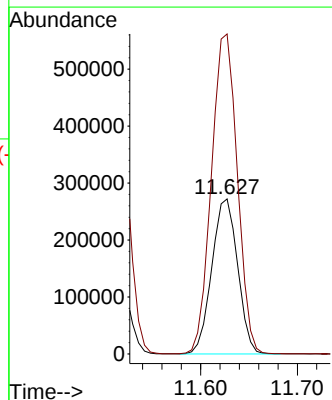
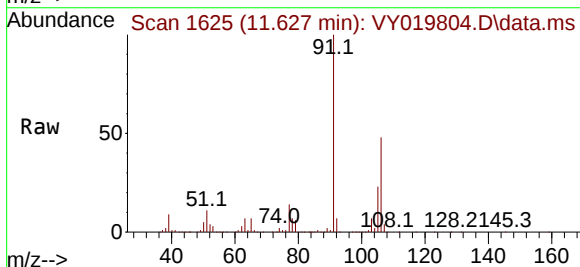
Acq: 04 Oct 2024 16:50

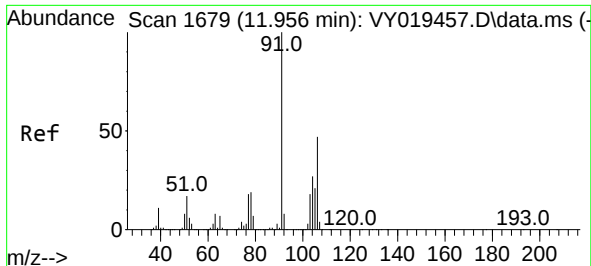
Tgt Ion:106 Resp: 503609

Ion Ratio Lower Upper

106 100

91 207.6 156.0 234.0





#69

o-Xylene

Concen: 52.188 ug/l

RT: 11.950 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY019804.D

Acq: 04 Oct 2024 16:50

Instrument :

MSVOA_Y

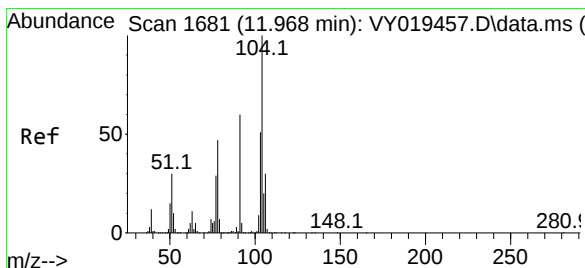
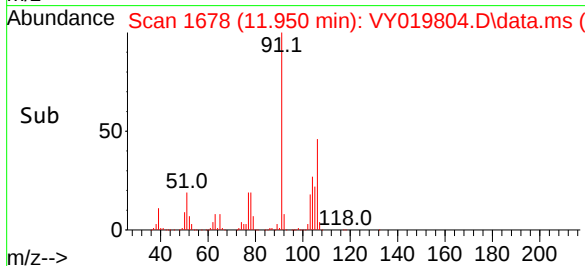
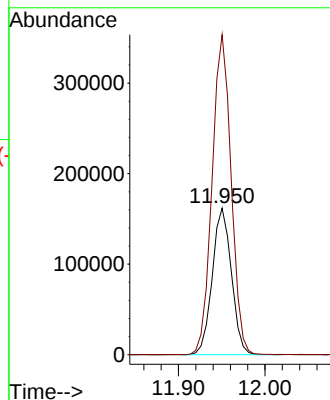
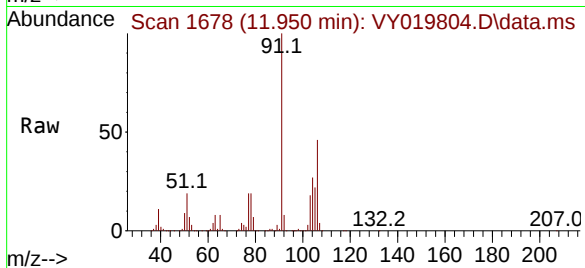
ClientSampleId :

Tgt Ion:106 Resp: 247905

Ion Ratio Lower Upper

106 100

91 218.1 103.6 310.8



#70

Styrene

Concen: 52.988 ug/l

RT: 11.963 min Scan# 1680

Delta R.T. -0.006 min

Lab File: VY019804.D

Acq: 04 Oct 2024 16:50

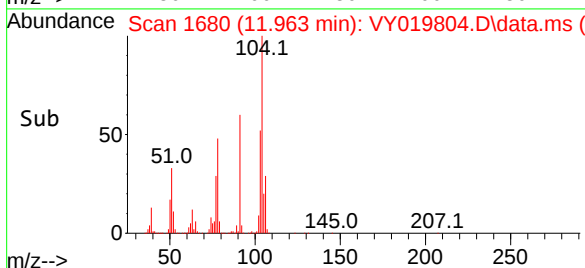
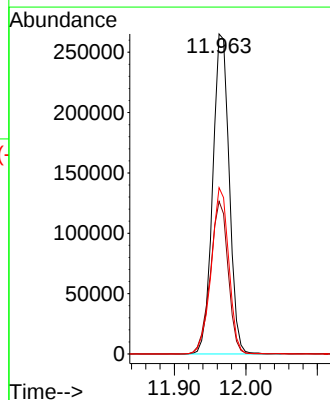
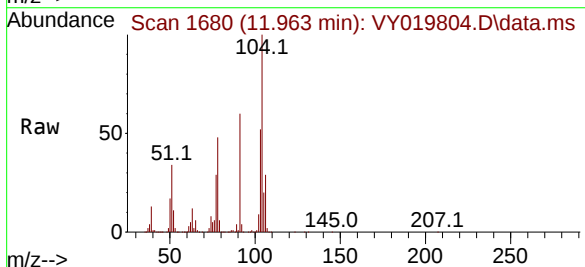
Tgt Ion:104 Resp: 424972

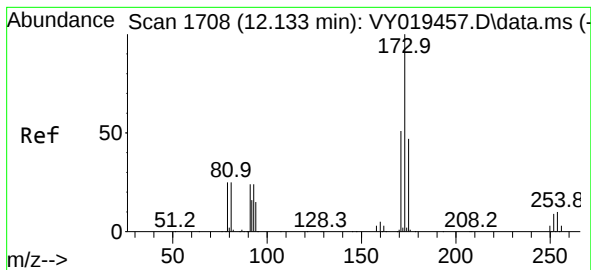
Ion Ratio Lower Upper

104 100

78 51.5 37.0 55.4

103 55.0 44.2 66.2





#71

Bromoform

Concen: 52.240 ug/l

RT: 12.127 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY019804.D

Acq: 04 Oct 2024 16:50

Instrument :

MSVOA_Y

ClientSampleId :

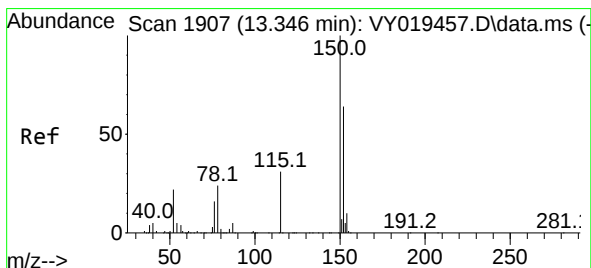
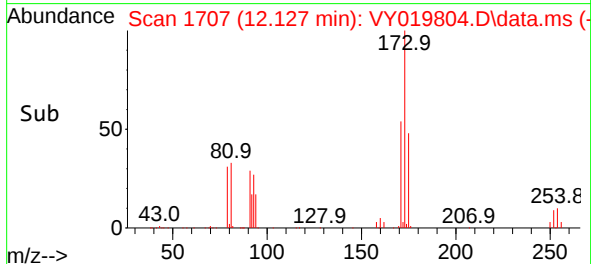
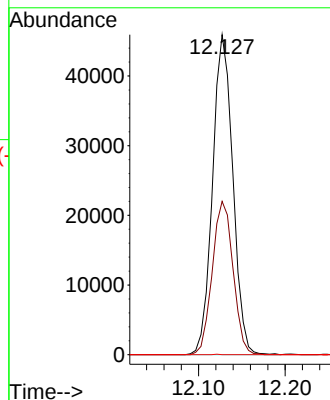
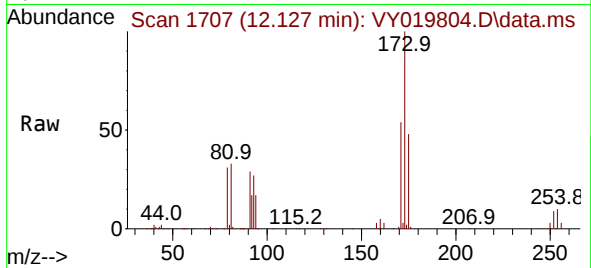
Tgt Ion:173 Resp: 74687

Ion Ratio Lower Upper

173 100

175 49.1 25.1 75.3

254 0.0 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.340 min Scan# 1906

Delta R.T. -0.006 min

Lab File: VY019804.D

Acq: 04 Oct 2024 16:50

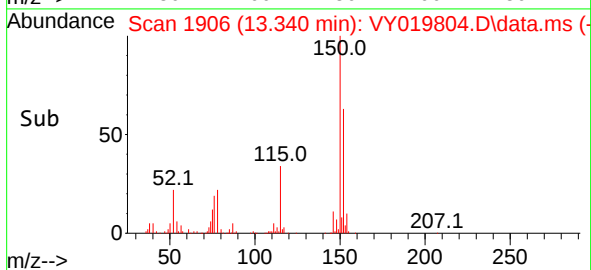
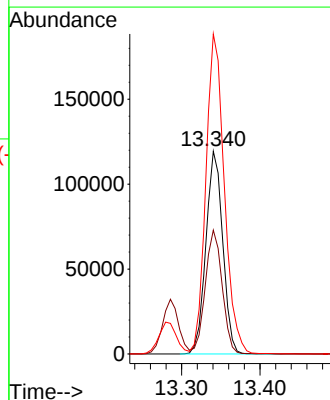
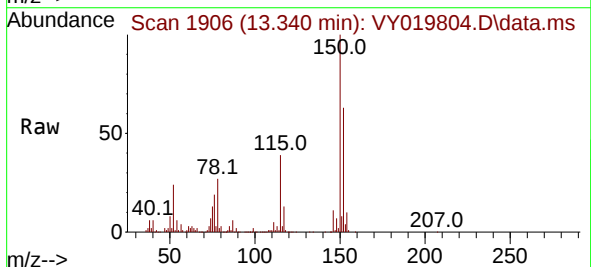
Tgt Ion:152 Resp: 177665

Ion Ratio Lower Upper

152 100

115 61.0 28.2 84.7

150 173.0 0.0 345.6





#73

Isopropylbenzene

Concen: 50.606 ug/l

RT: 12.249 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY019804.D

Acq: 04 Oct 2024 16:50

Instrument :

MSVOA_Y

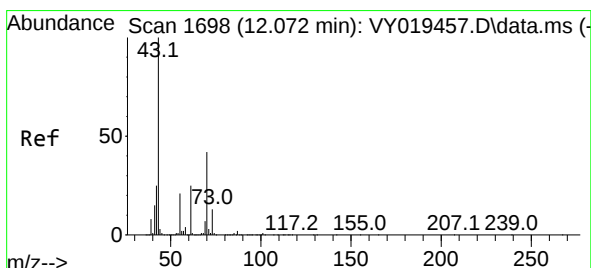
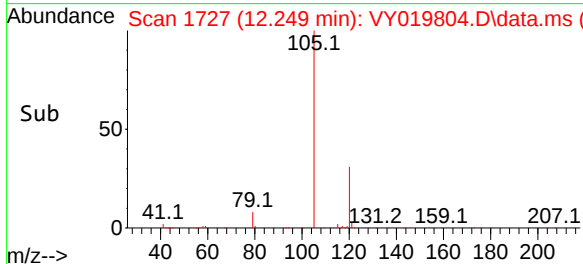
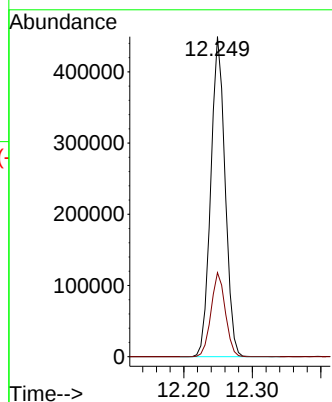
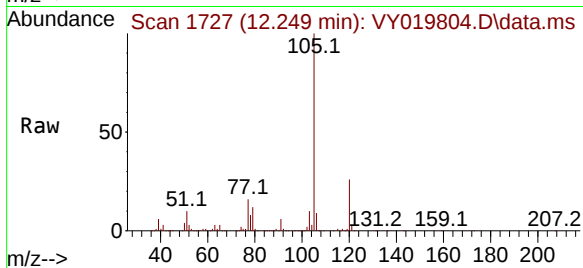
ClientSampleId :

Tgt Ion:105 Resp: 652269

Ion Ratio Lower Upper

105 100

120 26.1 13.4 40.1



#74

N-ethyl acetate

Concen: 51.354 ug/l

RT: 12.066 min Scan# 1697

Delta R.T. -0.006 min

Lab File: VY019804.D

Acq: 04 Oct 2024 16:50

Tgt Ion: 43 Resp: 180015

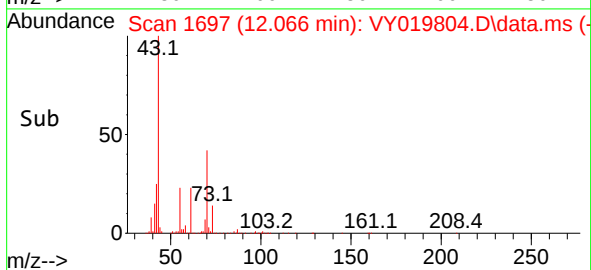
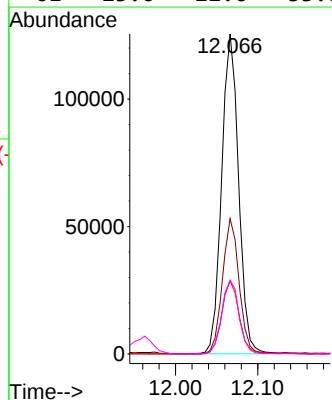
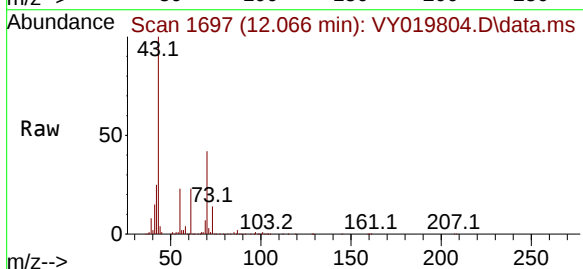
Ion Ratio Lower Upper

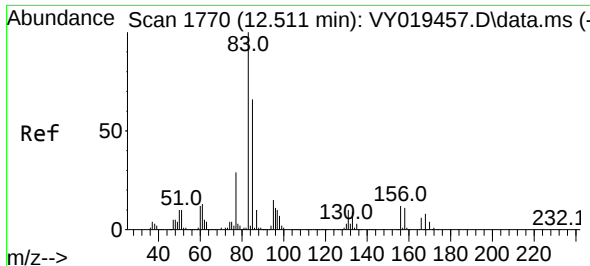
43 100

70 41.7 41.4 62.2

55 23.3 23.3 34.9

61 23.6 22.6 33.8

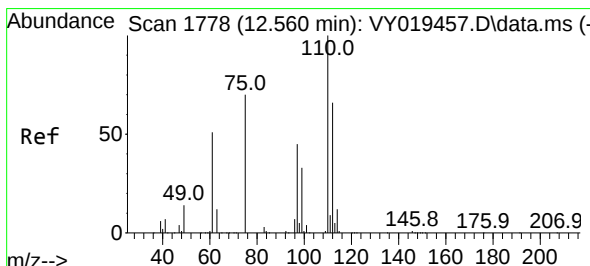
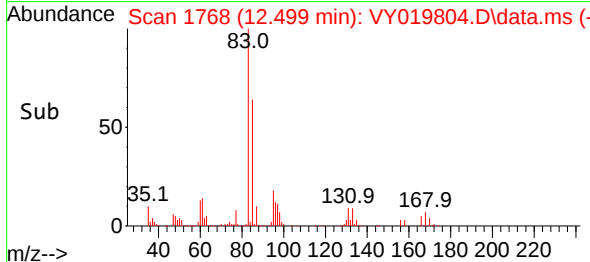
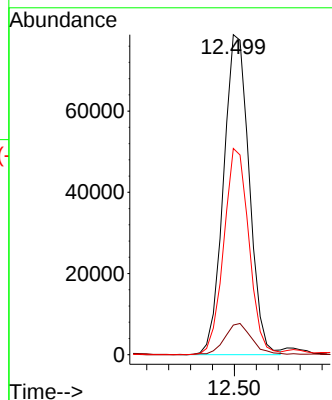
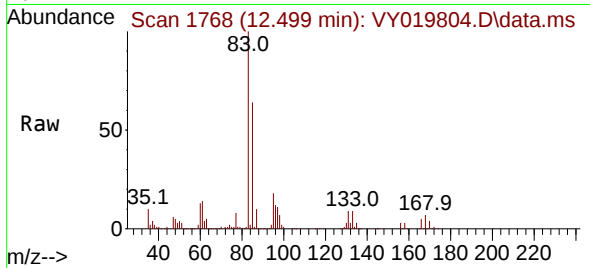




#75
1,1,2,2-Tetrachloroethane
Concen: 56.022 ug/l
RT: 12.499 min Scan# 1768
Delta R.T. -0.012 min
Lab File: VY019804.D
Acq: 04 Oct 2024 16:50

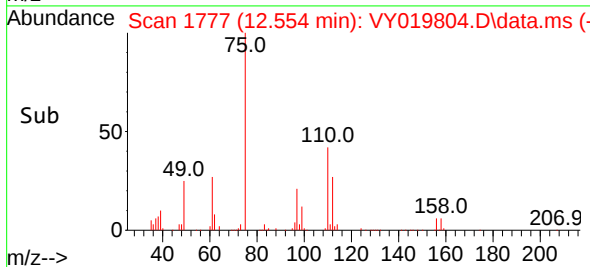
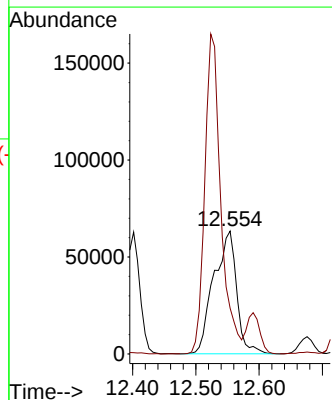
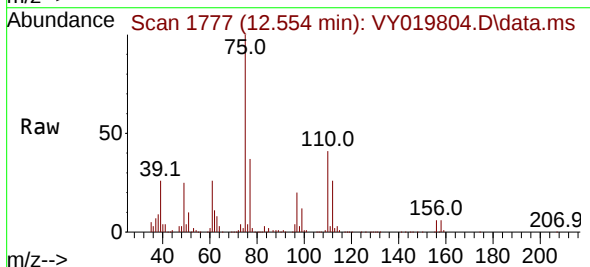
Instrument :
MSVOA_Y
ClientSampleId :

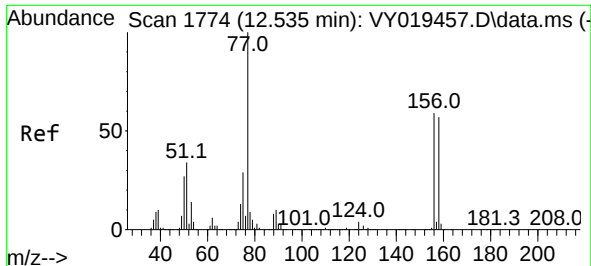
Tgt Ion: 83 Resp: 128165
Ion Ratio Lower Upper
83 100
131 10.5 5.0 14.9
85 63.2 32.0 96.0



#76
1,2,3-Trichloropropane
Concen: 95.508 ug/l
RT: 12.554 min Scan# 1777
Delta R.T. -0.006 min
Lab File: VY019804.D
Acq: 04 Oct 2024 16:50

Tgt Ion: 75 Resp: 159043
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

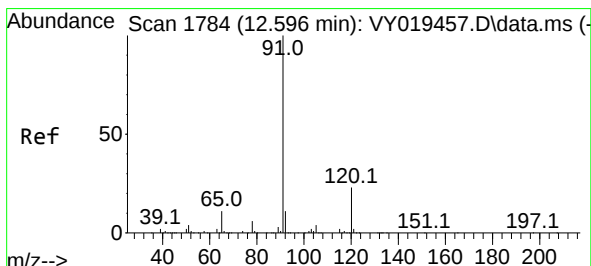
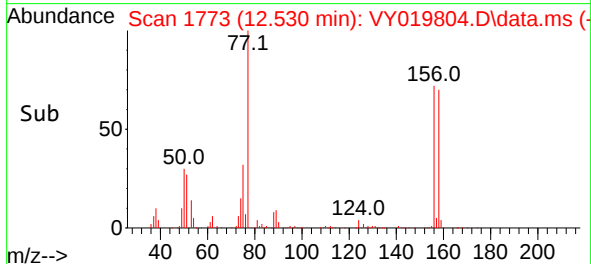
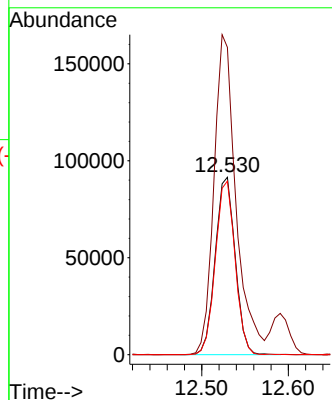
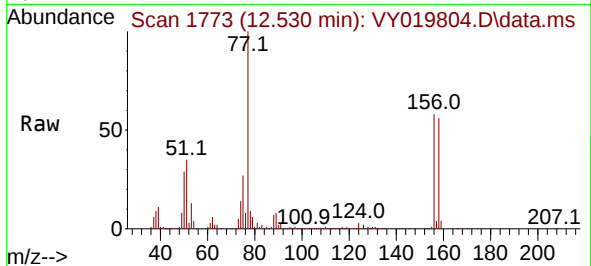




#77
Bromobenzene
Concen: 51.304 ug/l
RT: 12.530 min Scan# 1773
Delta R.T. -0.006 min
Lab File: VY019804.D
Acq: 04 Oct 2024 16:50

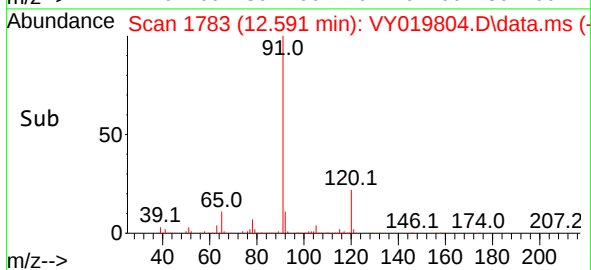
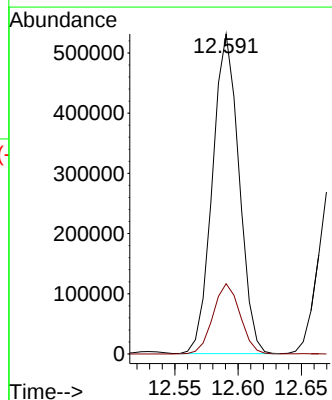
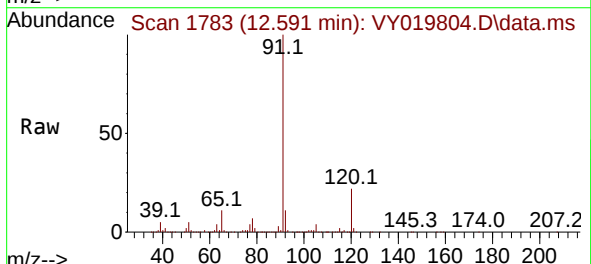
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:156 Resp: 146659
Ion Ratio Lower Upper
156 100
77 199.1 87.1 261.3
158 96.5 48.6 145.9



#78
n-propylbenzene
Concen: 50.821 ug/l
RT: 12.591 min Scan# 1783
Delta R.T. -0.006 min
Lab File: VY019804.D
Acq: 04 Oct 2024 16:50

Tgt Ion: 91 Resp: 776386
Ion Ratio Lower Upper
91 100
120 22.3 11.5 34.4





#79

2-Chlorotoluene

Concen: 51.561 ug/l

RT: 12.676 min Scan# 1798

Delta R.T. -0.006 min

Lab File: VY019804.D

Acq: 04 Oct 2024 16:50

Instrument :

MSVOA_Y

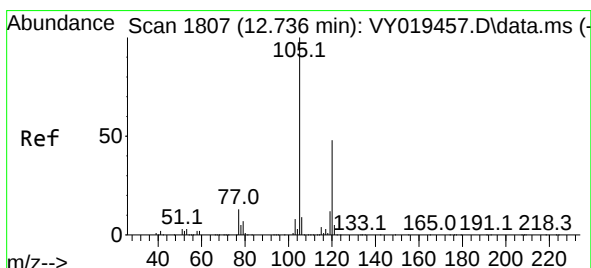
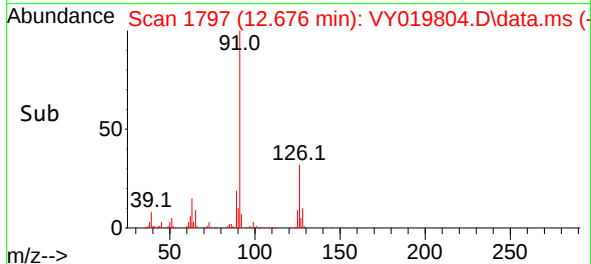
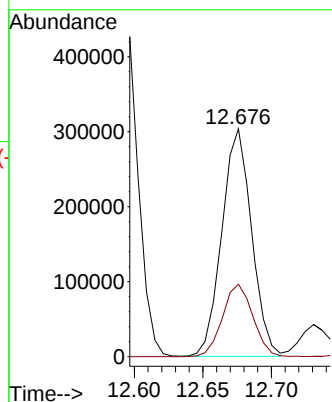
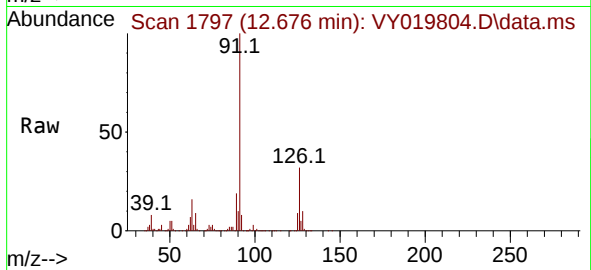
ClientSampleId :

Tgt Ion: 91 Resp: 459053

Ion Ratio Lower Upper

91 100

126 32.5 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 50.268 ug/l

RT: 12.731 min Scan# 1806

Delta R.T. -0.006 min

Lab File: VY019804.D

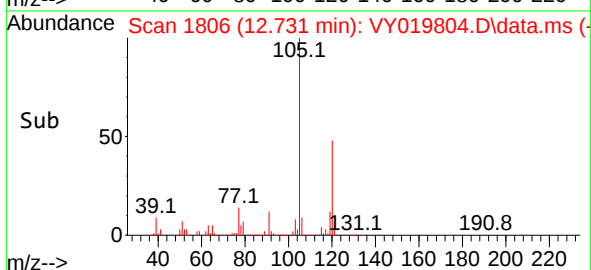
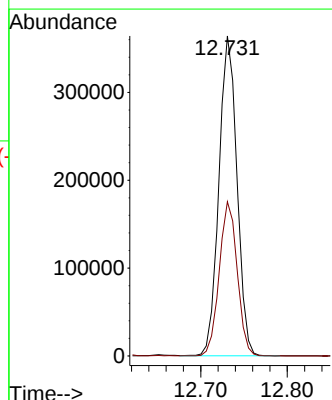
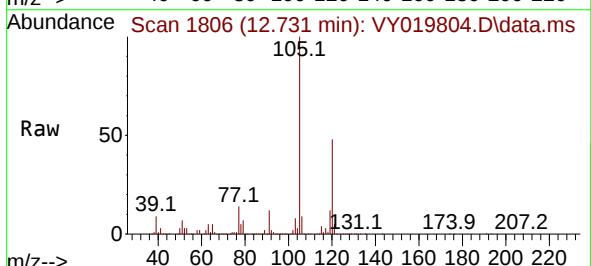
Acq: 04 Oct 2024 16:50

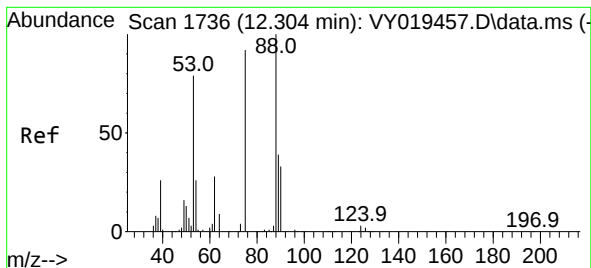
Tgt Ion: 105 Resp: 526725

Ion Ratio Lower Upper

105 100

120 48.0 25.1 75.2

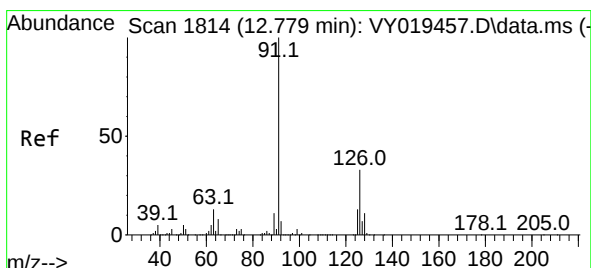
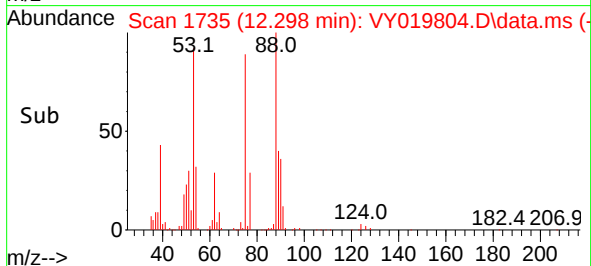
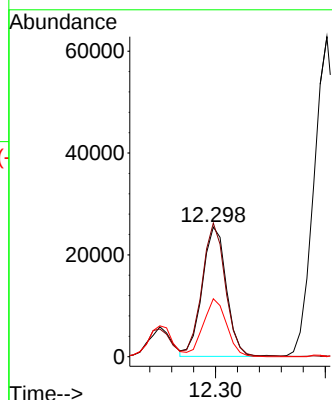
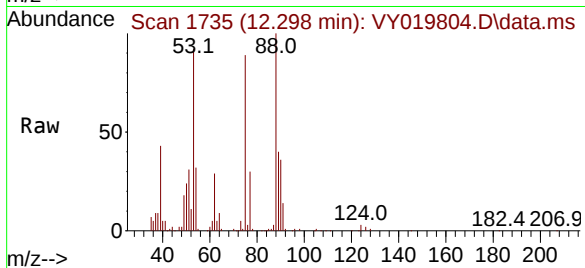




#81
trans-1,4-Dichloro-2-butene
Concen: 44.876 ug/l
RT: 12.298 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019804.D
Acq: 04 Oct 2024 16:50

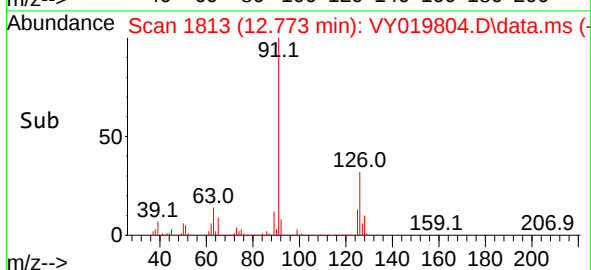
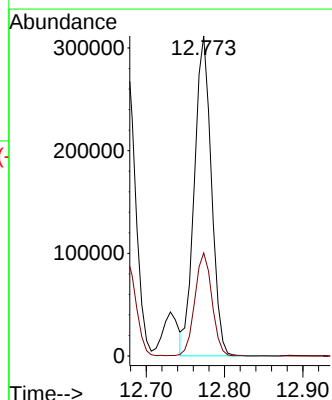
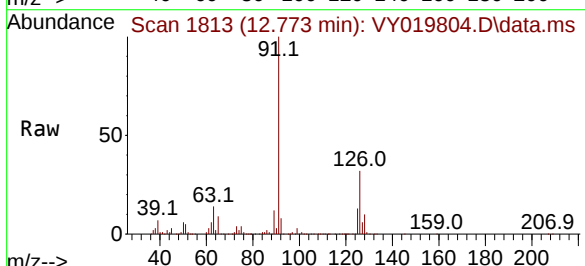
Instrument :
MSVOA_Y
ClientSampleId :

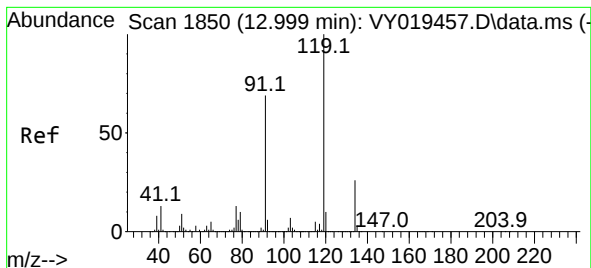
Tgt Ion: 75 Resp: 38927
Ion Ratio Lower Upper
75 100
53 99.2 66.8 100.2
89 43.1 35.8 53.6



#82
4-Chlorotoluene
Concen: 51.455 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. -0.006 min
Lab File: VY019804.D
Acq: 04 Oct 2024 16:50

Tgt Ion: 91 Resp: 470967
Ion Ratio Lower Upper
91 100
126 32.4 17.6 52.9





#83

tert-Butylbenzene

Concen: 50.333 ug/l

RT: 12.993 min Scan# 1849

Delta R.T. -0.006 min

Lab File: VY019804.D

Acq: 04 Oct 2024 16:50

Instrument :

MSVOA_Y

ClientSampleId :

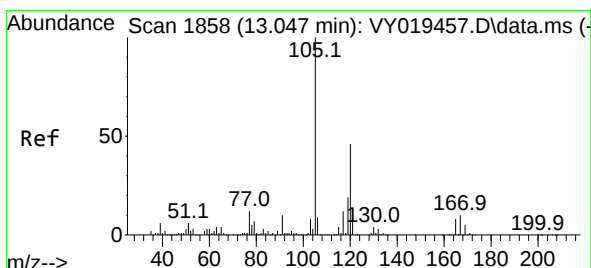
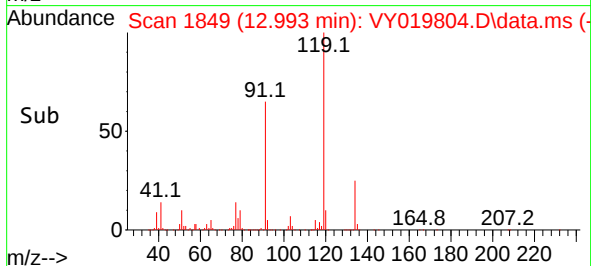
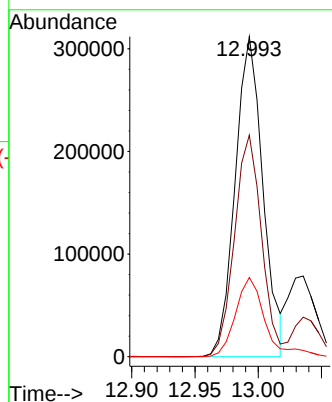
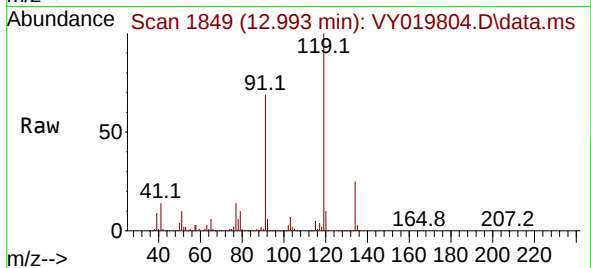
Tgt Ion:119 Resp: 477452

Ion Ratio Lower Upper

119 100

91 67.3 31.3 93.8

134 26.4 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 51.115 ug/l

RT: 13.036 min Scan# 1856

Delta R.T. -0.012 min

Lab File: VY019804.D

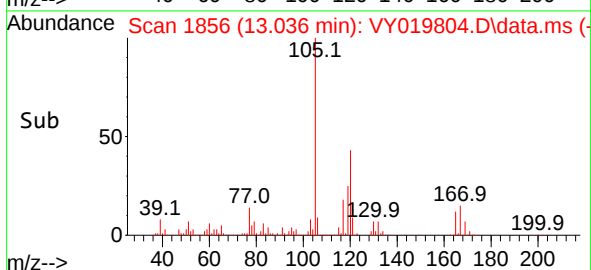
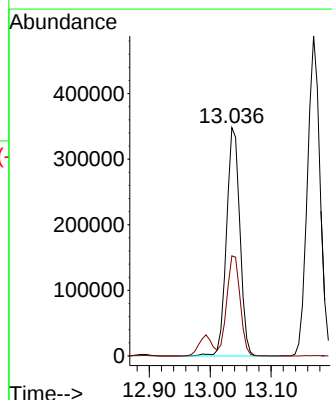
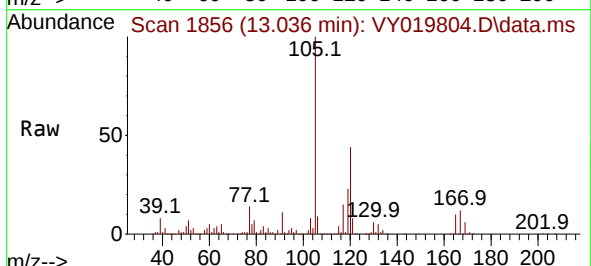
Acq: 04 Oct 2024 16:50

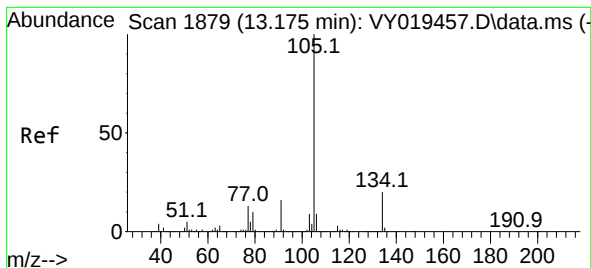
Tgt Ion:105 Resp: 530171

Ion Ratio Lower Upper

105 100

120 43.8 23.2 69.6





#85

sec-Butylbenzene

Concen: 50.902 ug/l

RT: 13.170 min Scan# 1879

Delta R.T. -0.006 min

Lab File: VY019804.D

Acq: 04 Oct 2024 16:50

Instrument :

MSVOA_Y

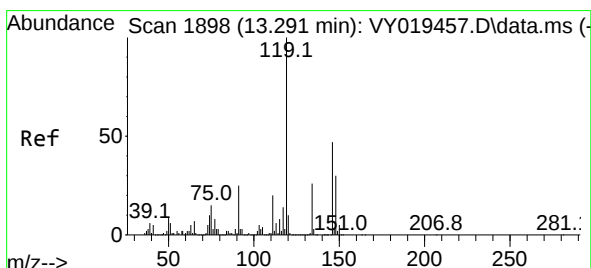
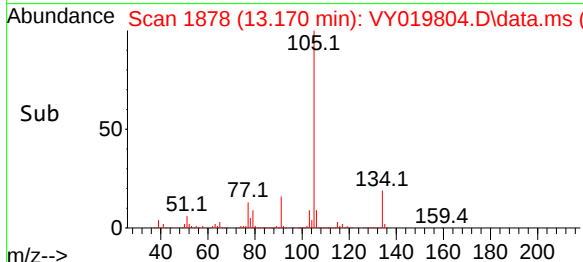
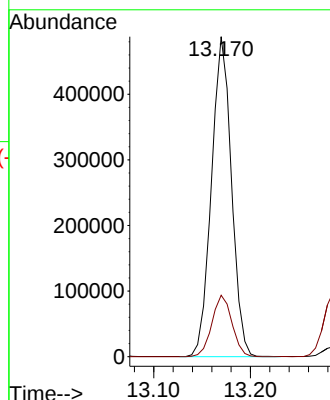
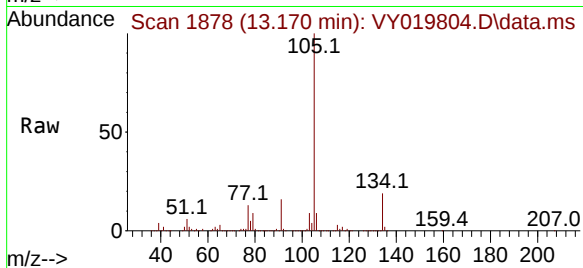
ClientSampleId :

Tgt Ion:105 Resp: 701446

Ion Ratio Lower Upper

105 100

134 19.2 10.1 30.1



#86

p-Isopropyltoluene

Concen: 50.403 ug/l

RT: 13.286 min Scan# 1897

Delta R.T. -0.006 min

Lab File: VY019804.D

Acq: 04 Oct 2024 16:50

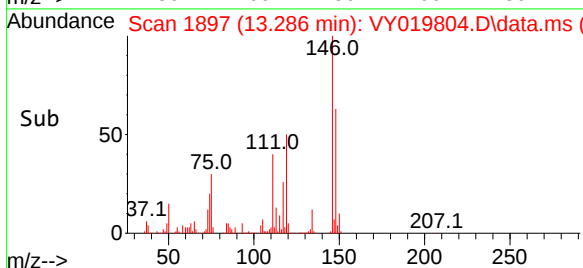
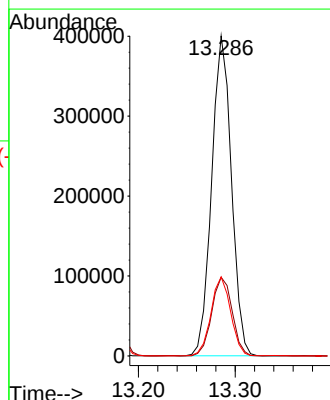
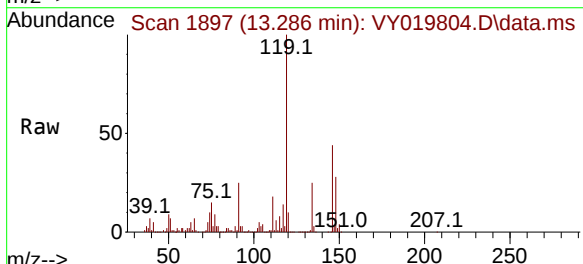
Tgt Ion:119 Resp: 568271

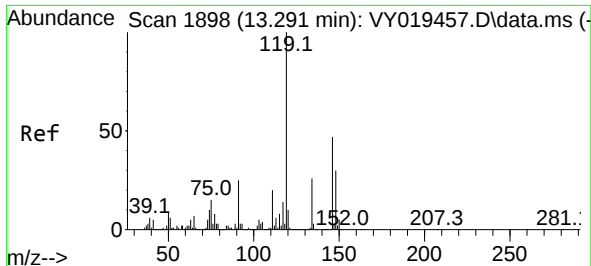
Ion Ratio Lower Upper

119 100

134 25.5 13.1 39.3

91 24.5 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 51.203 ug/l

RT: 13.279 min Scan# 11

Delta R.T. -0.012 min

Lab File: VY019804.D

Acq: 04 Oct 2024 16:50

Instrument :

MSVOA_Y

ClientSampleId :

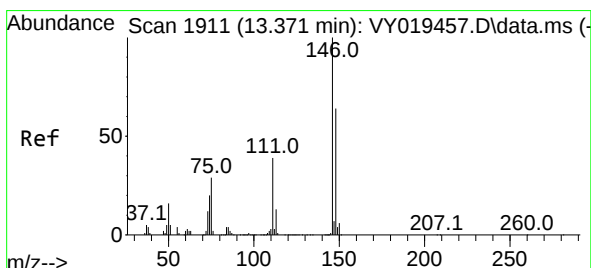
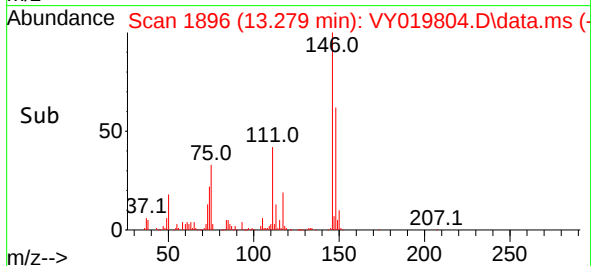
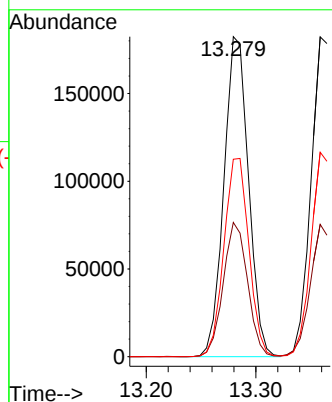
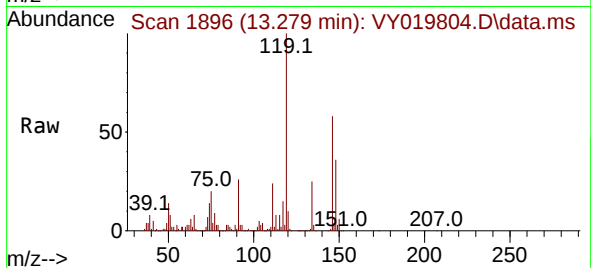
Tgt Ion:146 Resp: 284412

Ion Ratio Lower Upper

146 100

111 41.5 19.0 57.0

148 62.9 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 51.192 ug/l

RT: 13.359 min Scan# 1909

Delta R.T. -0.012 min

Lab File: VY019804.D

Acq: 04 Oct 2024 16:50

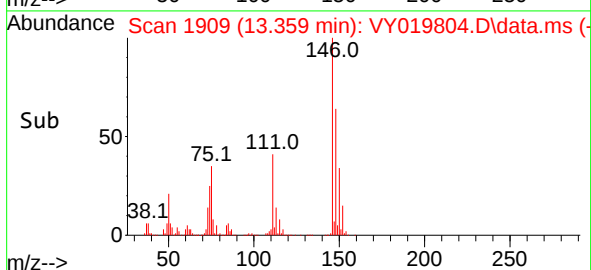
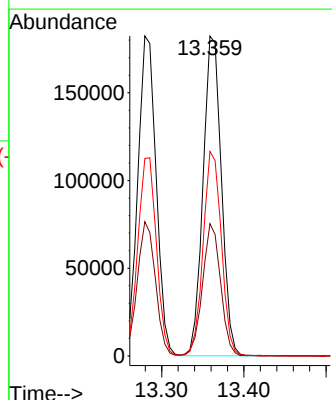
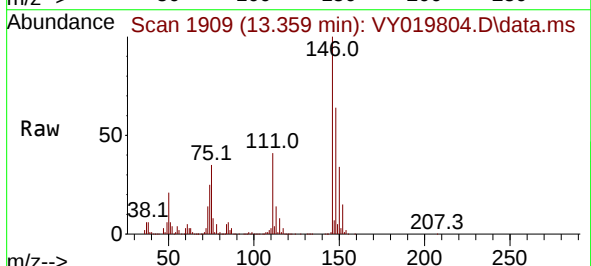
Tgt Ion:146 Resp: 282199

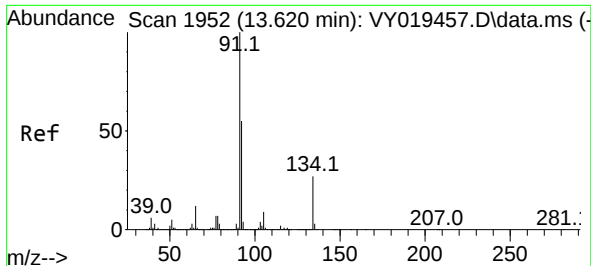
Ion Ratio Lower Upper

146 100

111 40.8 18.4 55.4

148 63.7 32.4 97.2

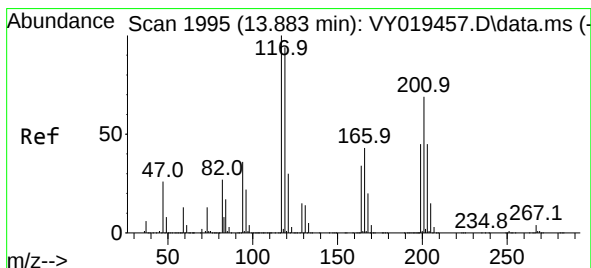
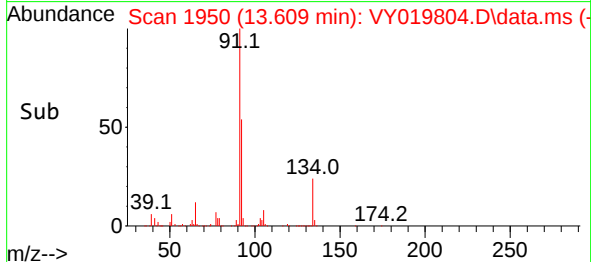
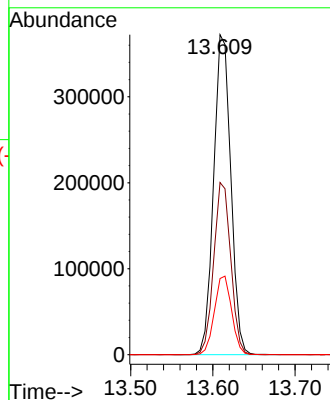
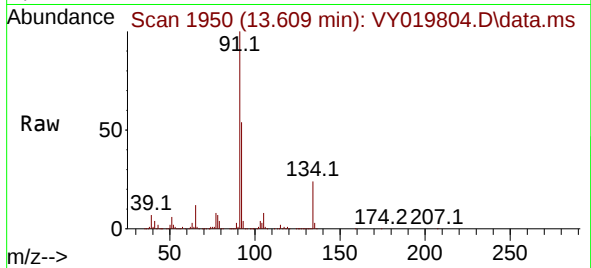




#89
n-Butylbenzene
Concen: 50.050 ug/l
RT: 13.609 min Scan# 1950
Delta R.T. -0.012 min
Lab File: VY019804.D
Acq: 04 Oct 2024 16:50

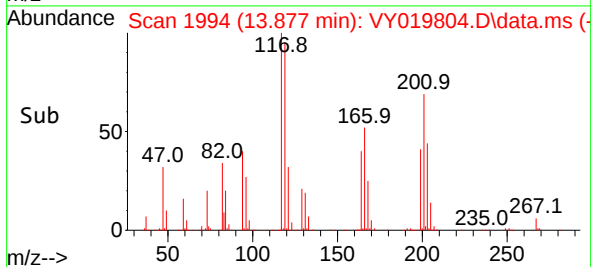
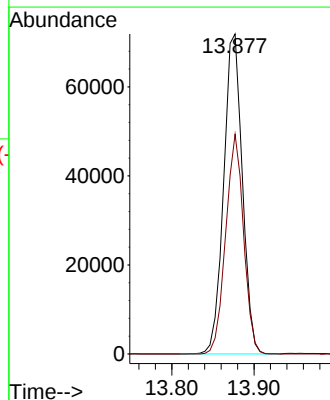
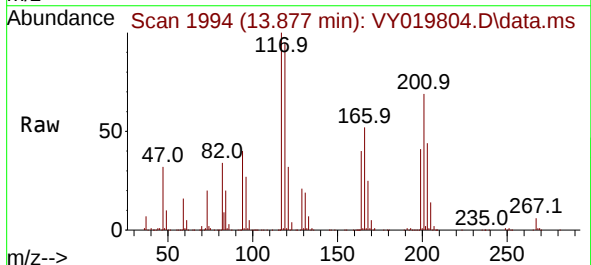
Instrument :
MSVOA_Y
ClientSampleId :

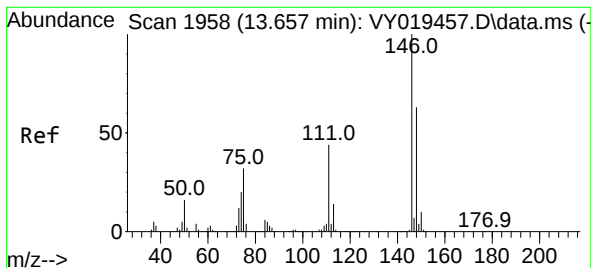
Tgt Ion: 91 Resp: 539458
Ion Ratio Lower Upper
91 100
92 53.5 26.6 79.7
134 24.7 12.9 38.7



#90
Hexachloroethane
Concen: 48.434 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. -0.006 min
Lab File: VY019804.D
Acq: 04 Oct 2024 16:50

Tgt Ion: 117 Resp: 113622
Ion Ratio Lower Upper
117 100
201 65.7 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 52.160 ug/l

RT: 13.651 min Scan# 1958

Delta R.T. -0.006 min

Lab File: VY019804.D

Acq: 04 Oct 2024 16:50

Instrument :

MSVOA_Y

ClientSampleId :

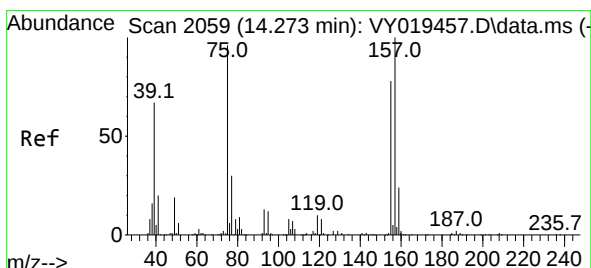
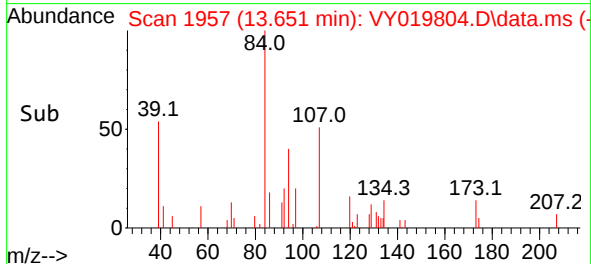
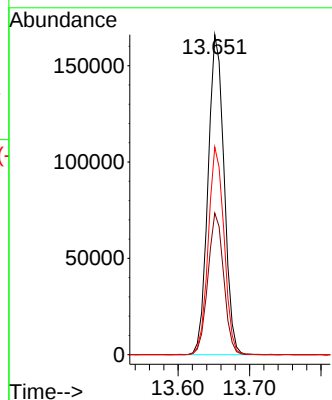
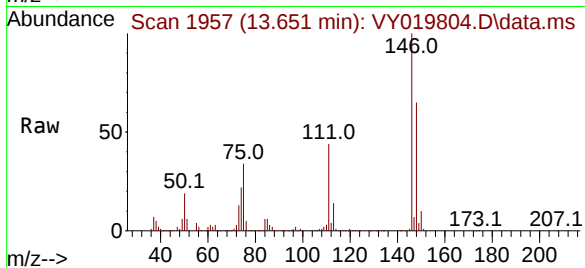
Tgt Ion:146 Resp: 258546

Ion Ratio Lower Upper

146 100

111 43.6 19.9 59.7

148 63.9 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 50.102 ug/l

RT: 14.267 min Scan# 2058

Delta R.T. -0.006 min

Lab File: VY019804.D

Acq: 04 Oct 2024 16:50

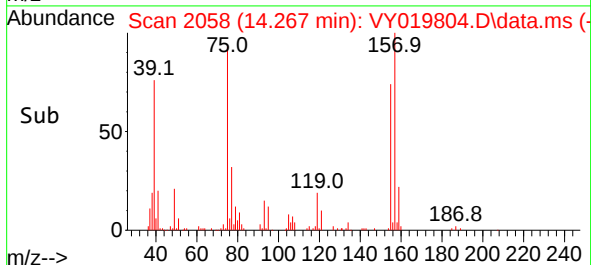
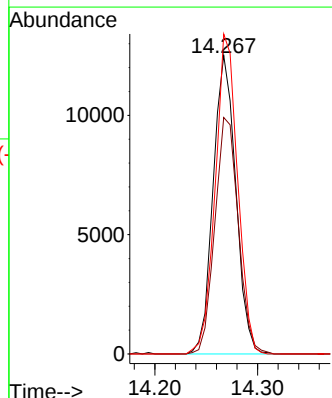
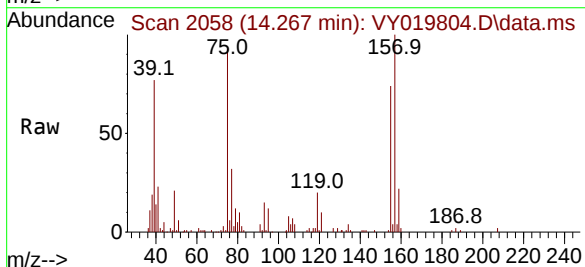
Tgt Ion: 75 Resp: 19103

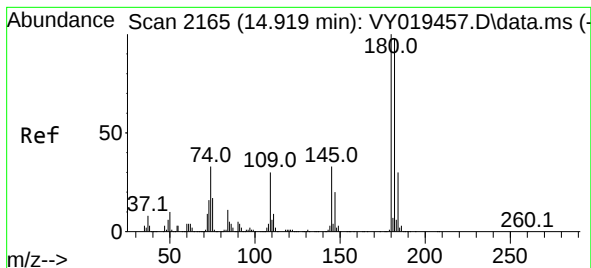
Ion Ratio Lower Upper

75 100

155 82.1 48.6 145.8

157 106.0 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 47.428 ug/l

RT: 14.913 min Scan# 2164

Delta R.T. -0.006 min

Lab File: VY019804.D

Acq: 04 Oct 2024 16:50

Instrument :

MSVOA_Y

ClientSampleId :

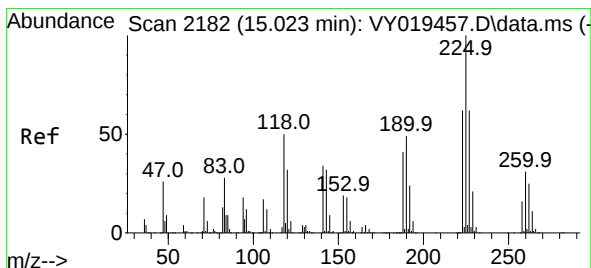
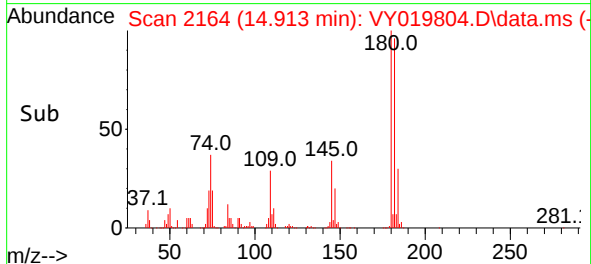
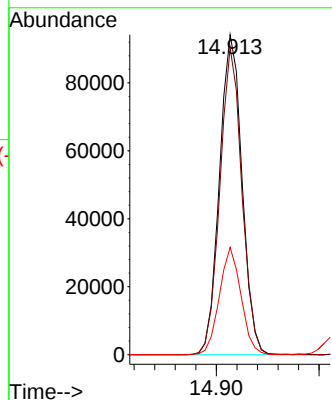
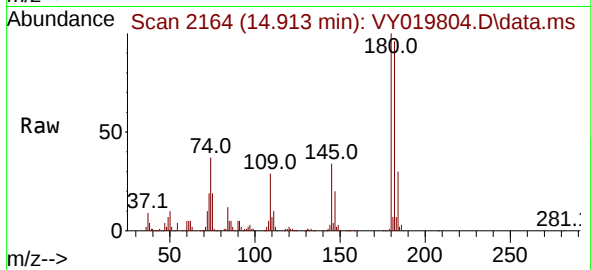
Tgt Ion:180 Resp: 142982

Ion Ratio Lower Upper

180 100

182 93.7 47.9 143.8

145 32.2 14.2 42.6



#94

Hexachlorobutadiene

Concen: 47.050 ug/l

RT: 15.017 min Scan# 2181

Delta R.T. -0.006 min

Lab File: VY019804.D

Acq: 04 Oct 2024 16:50

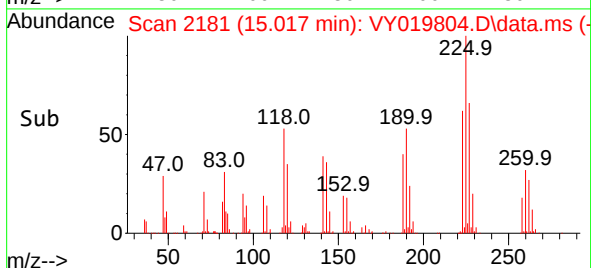
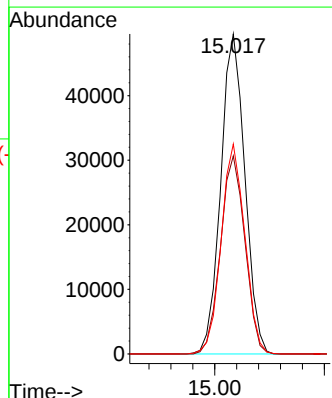
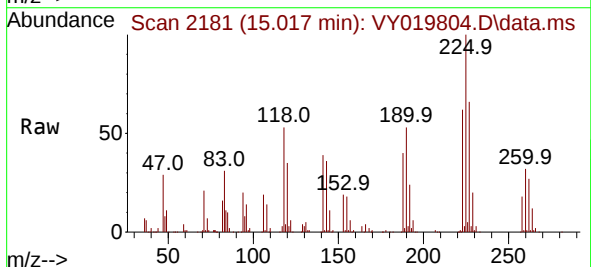
Tgt Ion:225 Resp: 75775

Ion Ratio Lower Upper

225 100

223 62.4 30.4 91.2

227 64.4 31.9 95.9





#95

Naphthalene

Concen: 48.312 ug/l

RT: 15.139 min Scan# 2201

Delta R.T. -0.006 min

Lab File: VY019804.D

Acq: 04 Oct 2024 16:50

Instrument :

MSVOA_Y

ClientSampleId :

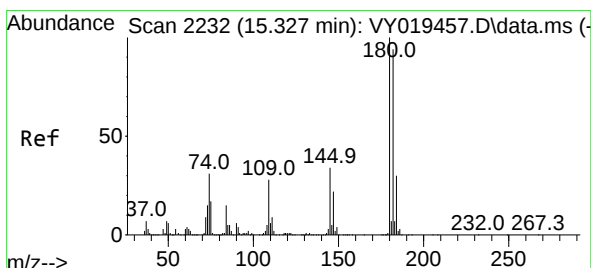
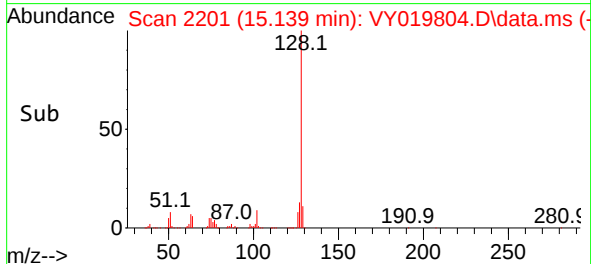
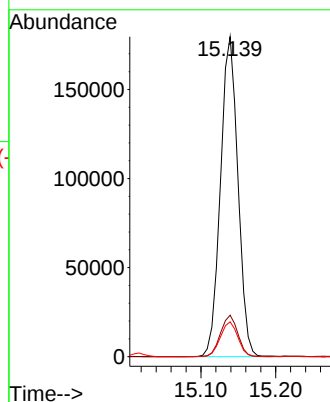
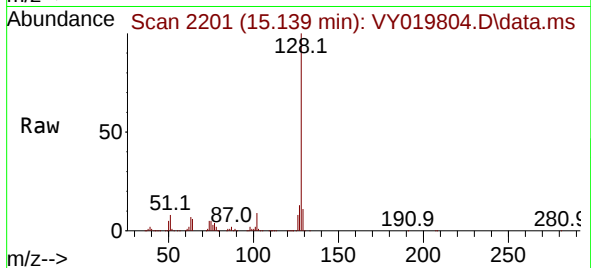
Tgt Ion:128 Resp: 291673

Ion Ratio Lower Upper

128 100

127 12.9 10.6 16.0

129 10.9 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 48.205 ug/l

RT: 15.322 min Scan# 2231

Delta R.T. -0.006 min

Lab File: VY019804.D

Acq: 04 Oct 2024 16:50

Tgt Ion:180 Resp: 124305

Ion Ratio Lower Upper

180 100

182 94.2 47.6 142.9

145 34.4 15.4 46.1

