

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100324\
 Data File : VY019790.D
 Acq On : 03 Oct 2024 16:41
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 04 01:30:53 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	267347	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	475465	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	410439	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	194768	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	146232	59.070	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 118.140%	
35) Dibromofluoromethane	7.634	113	148766	55.184	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.360%	
50) Toluene-d8	10.103	98	531126	53.266	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 106.540%	
62) 4-Bromofluorobenzene	12.402	95	202910	52.924	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 105.840%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	61455	41.348	ug/l	100
3) Chloromethane	2.074	50	112804	50.998	ug/l	99
4) Vinyl Chloride	2.208	62	134745	56.336	ug/l	100
5) Bromomethane	2.598	94	99704	67.865	ug/l	97
6) Chloroethane	2.739	64	101657	65.016	ug/l	97
7) Trichlorofluoromethane	3.062	101	221912	55.659	ug/l	96
8) Diethyl Ether	3.458	74	76447	57.121	ug/l	84
9) 1,1,2-Trichlorotrifluo...	3.818	101	135366	54.884	ug/l	95
10) Methyl Iodide	4.007	142	158770	50.209	ug/l	91
11) Tert butyl alcohol	4.866	59	59824	299.236	ug/l	# 80
12) 1,1-Dichloroethene	3.793	96	129363	54.539	ug/l	88
13) Acrolein	3.659	56	7827	71.068	ug/l	89
14) Allyl chloride	4.385	41	236459	55.590	ug/l	# 93
15) Acrylonitrile	5.061	53	173201	300.142	ug/l	100
16) Acetone	3.873	43	166306	281.985	ug/l	# 85
17) Carbon Disulfide	4.110	76	311623	48.625	ug/l	99
18) Methyl Acetate	4.385	43	99726	62.309	ug/l	91
19) Methyl tert-butyl Ether	5.116	73	399338	59.444	ug/l	98
20) Methylene Chloride	4.616	84	156124	58.047	ug/l	90
21) trans-1,2-Dichloroethene	5.116	96	148470	57.107	ug/l	91
22) Diisopropyl ether	6.019	45	530738	60.761	ug/l	93
23) Vinyl Acetate	5.964	43	1451971	291.018	ug/l	# 93
24) 1,1-Dichloroethane	5.915	63	300780	61.364	ug/l	95
25) 2-Butanone	6.896	43	228728	272.684	ug/l	# 87
26) 2,2-Dichloropropane	6.884	77	252803	57.178	ug/l	97
27) cis-1,2-Dichloroethene	6.890	96	192036	60.807	ug/l	89
28) Bromochloromethane	7.244	49	136639	66.255	ug/l	# 81
29) Tetrahydrofuran	7.262	42	142276	278.970	ug/l	87
30) Chloroform	7.421	83	318423	63.638	ug/l	100
31) Cyclohexane	7.701	56	216742	48.921	ug/l	94
32) 1,1,1-Trichloroethane	7.616	97	270458	60.304	ug/l	96
36) 1,1-Dichloropropene	7.835	75	203157	55.383	ug/l	96
37) Ethyl Acetate	6.982	43	102634	54.607	ug/l	98
38) Carbon Tetrachloride	7.817	117	229339	55.442	ug/l	99
39) Methylcyclohexane	9.109	83	235836	48.311	ug/l	91
40) Benzene	8.079	78	642883	56.901	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	62625	57.160	ug/l	# 85
42) 1,2-Dichloroethane	8.158	62	184726	60.761	ug/l	95
43) Isopropyl Acetate	8.195	43	216441	54.814	ug/l	91
44) Trichloroethene	8.866	130	159833	55.007	ug/l	94
45) 1,2-Dichloropropane	9.140	63	160352	58.054	ug/l	96
46) Dibromomethane	9.231	93	89784	59.441	ug/l	92
47) Bromodichloromethane	9.420	83	240837	59.315	ug/l	99
48) Methyl methacrylate	9.219	41	98358	52.748	ug/l	84
49) 1,4-Dioxane	9.231	88	20163	1133.920	ug/l	# 89
51) 4-Methyl-2-Pentanone	10.000	43	544628	274.158	ug/l	91
52) Toluene	10.170	92	416270	57.287	ug/l	98
53) t-1,3-Dichloropropene	10.390	75	224372	57.969	ug/l	98
54) cis-1,3-Dichloropropene	9.853	75	250308	55.539	ug/l	# 87
55) 1,1,2-Trichloroethane	10.573	97	120804	57.914	ug/l	93
56) Ethyl methacrylate	10.438	69	180791	57.056	ug/l	# 81
57) 1,3-Dichloropropane	10.719	76	210302	58.653	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.707	63	416186	282.993	ug/l	96
59) 2-Hexanone	10.762	43	375399	257.758	ug/l	89
60) Dibromochloromethane	10.908	129	160739	58.253	ug/l	99
61) 1,2-Dibromoethane	11.012	107	108257	55.701	ug/l	99
64) Tetrachloroethene	10.646	164	138280	54.406	ug/l	93
65) Chlorobenzene	11.438	112	457647	56.684	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.511	131	160600	57.453	ug/l	99
67) Ethyl Benzene	11.518	91	816102	56.889	ug/l	99
68) m/p-Xylenes	11.627	106	606085	111.735	ug/l	93
69) o-Xylene	11.950	106	294513	55.518	ug/l	92
70) Styrene	11.969	104	500800	55.915	ug/l	96
71) Bromoform	12.127	173	85302	53.427	ug/l	# 98
73) Isopropylbenzene	12.249	105	783189	55.428	ug/l	99
74) N-amyl acetate	12.066	43	200221	52.103	ug/l	89
75) 1,1,2,2-Tetrachloroethane	12.505	83	139583	55.656	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	182499	99.970	ug/l	# 100
77) Bromobenzene	12.530	156	172216	54.955	ug/l	90
78) n-propylbenzene	12.591	91	926887	55.344	ug/l	99
79) 2-Chlorotoluene	12.676	91	545935	55.935	ug/l	95
80) 1,3,5-Trimethylbenzene	12.731	105	630450	54.884	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.304	75	45634	47.988	ug/l	91
82) 4-Chlorotoluene	12.773	91	553416	55.153	ug/l	95
83) tert-Butylbenzene	12.993	119	563648	54.202	ug/l	94
84) 1,2,4-Trimethylbenzene	13.042	105	630355	55.438	ug/l	98
85) sec-Butylbenzene	13.176	105	832662	55.118	ug/l	99
86) p-Isopropyltoluene	13.286	119	678179	54.869	ug/l	96
87) 1,3-Dichlorobenzene	13.286	146	333849	54.825	ug/l	97
88) 1,4-Dichlorobenzene	13.365	146	326730	54.065	ug/l	97
89) n-Butylbenzene	13.615	91	638868	54.068	ug/l	99
90) Hexachloroethane	13.877	117	139439	54.219	ug/l	90
91) 1,2-Dichlorobenzene	13.657	146	298959	55.017	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	20946	50.112	ug/l	84
93) 1,2,4-Trichlorobenzene	14.919	180	162799	49.259	ug/l	97
94) Hexachlorobutadiene	15.023	225	90760	51.406	ug/l	98
95) Naphthalene	15.139	128	318907	48.185	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	139870	49.478	ug/l	98

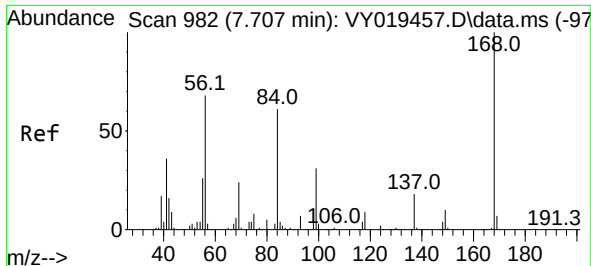
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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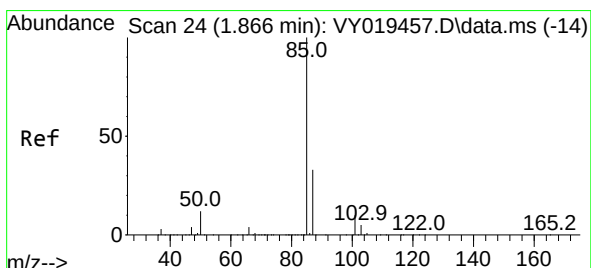
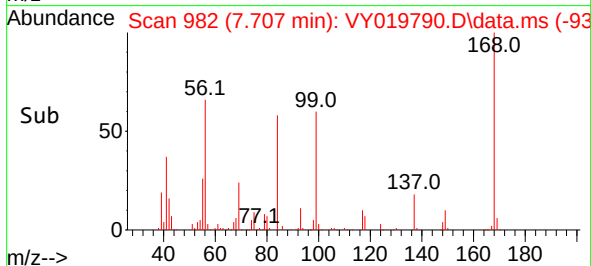
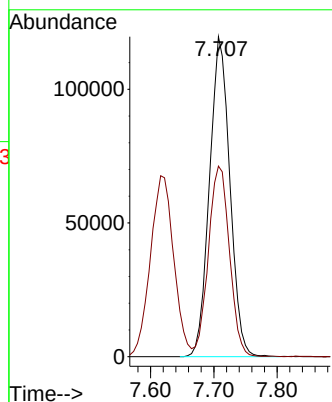
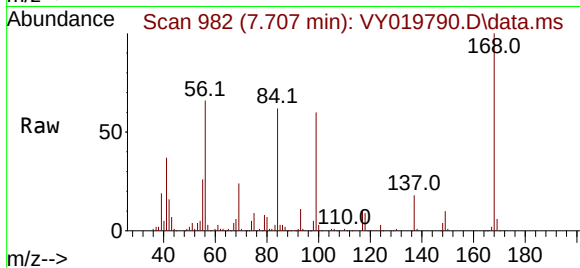
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
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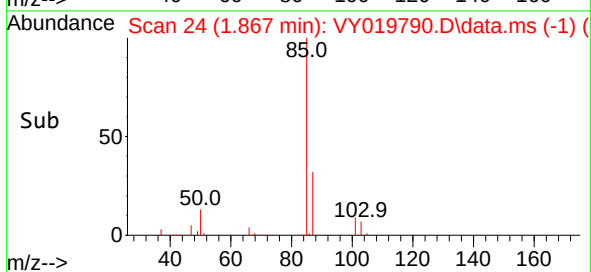
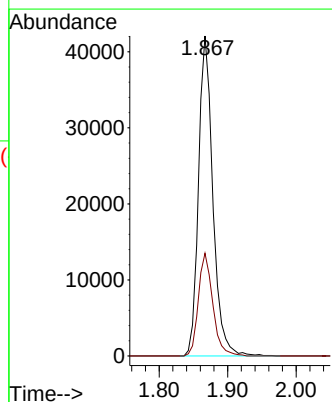
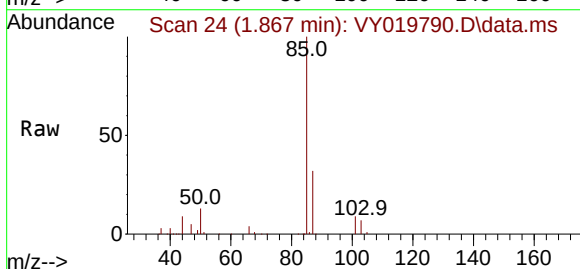
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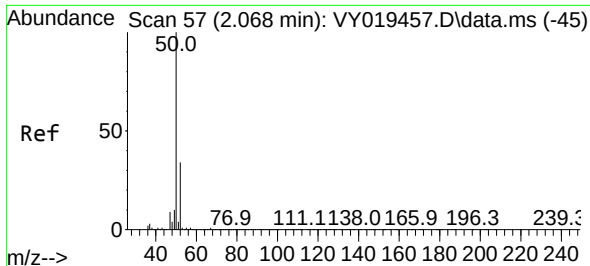
Tgt Ion:168 Resp: 267347
Ion Ratio Lower Upper
168 100
99 59.5 39.1 58.7#



#2
Dichlorodifluoromethane
Concen: 41.348 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.001 min
Lab File: VY019790.D
Acq: 03 Oct 2024 16:41

Tgt Ion: 85 Resp: 61455
Ion Ratio Lower Upper
85 100
87 32.1 16.0 48.0

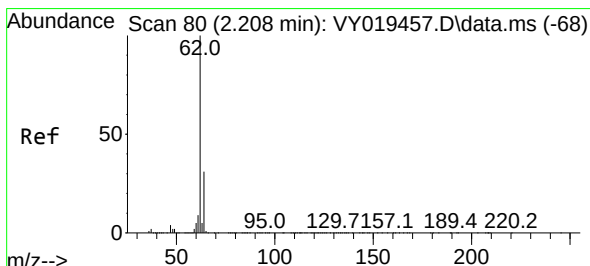
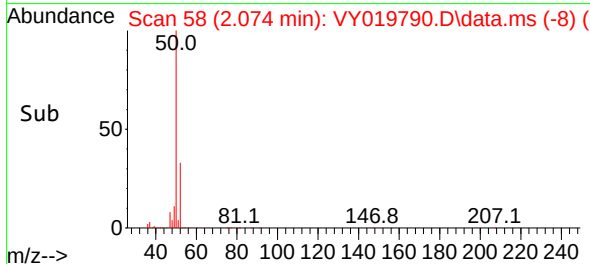
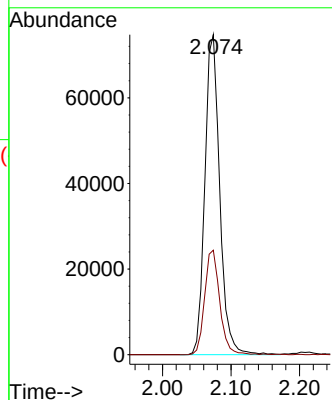
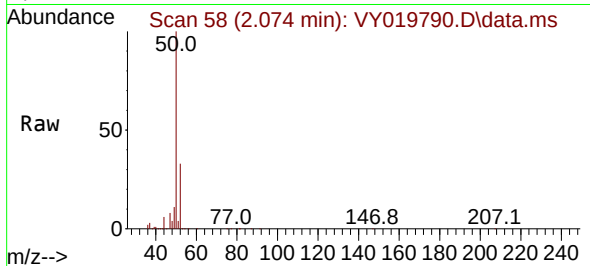




#3
Chloromethane
Concen: 50.998 ug/l
RT: 2.074 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY019790.D
Acq: 03 Oct 2024 16:41

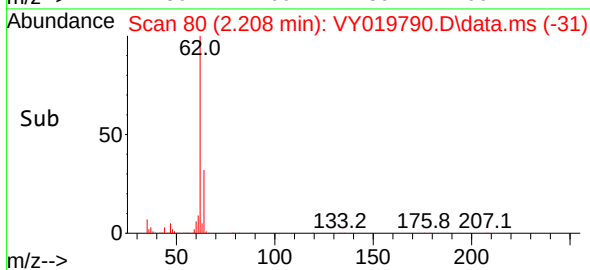
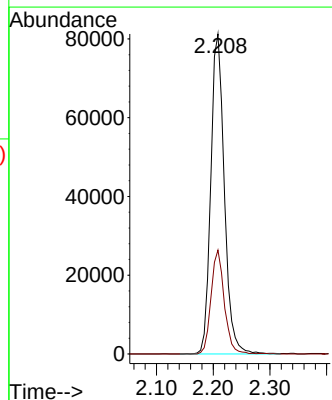
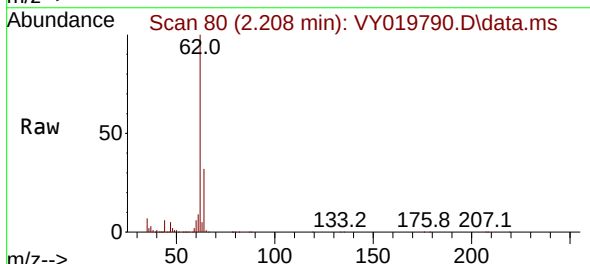
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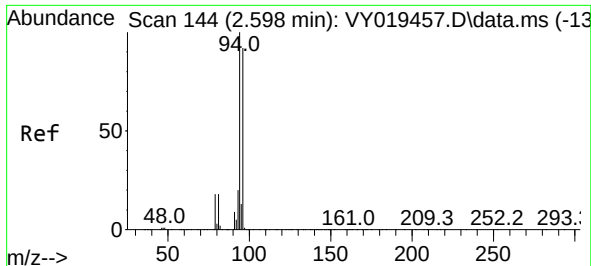
Tgt Ion: 50 Resp: 112804
Ion Ratio Lower Upper
50 100
52 32.6 25.6 38.4



#4
Vinyl Chloride
Concen: 56.336 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.000 min
Lab File: VY019790.D
Acq: 03 Oct 2024 16:41

Tgt Ion: 62 Resp: 134745
Ion Ratio Lower Upper
62 100
64 32.4 26.1 39.1

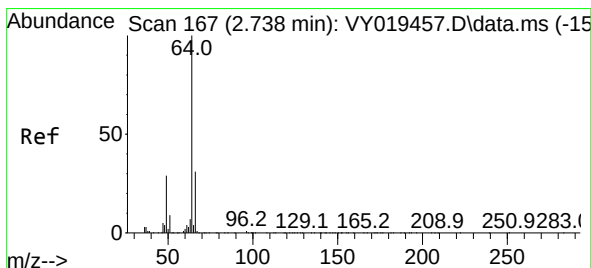
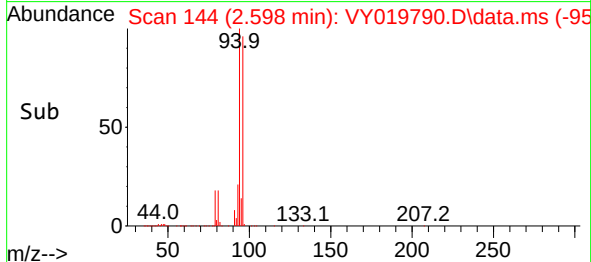
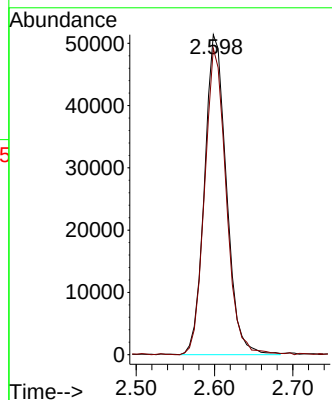
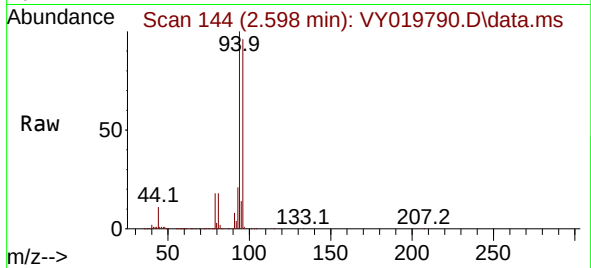




#5
Bromomethane
Concen: 67.865 ug/l
RT: 2.598 min Scan# 144
Delta R.T. 0.000 min
Lab File: VY019790.D
Acq: 03 Oct 2024 16:41

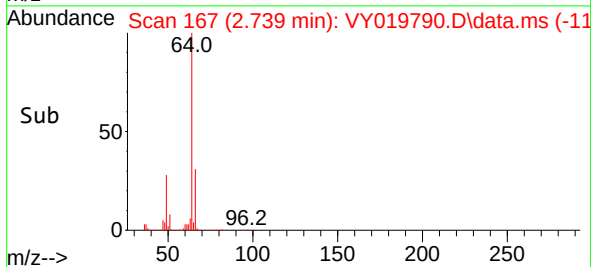
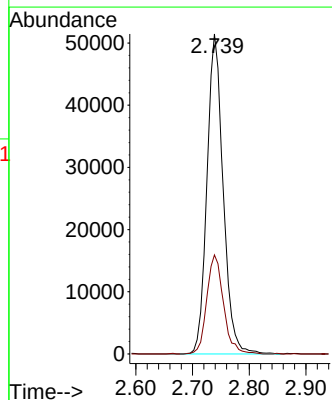
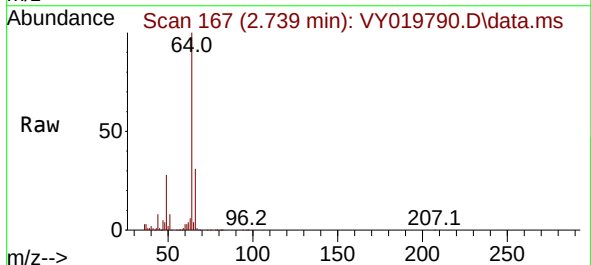
Instrument :
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ClientSampleId :

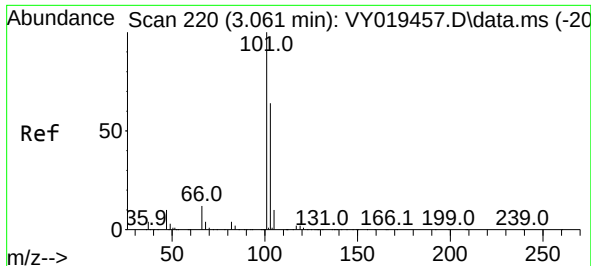
Tgt Ion: 94 Resp: 99704
Ion Ratio Lower Upper
94 100
96 95.7 74.1 111.1



#6
Chloroethane
Concen: 65.016 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.000 min
Lab File: VY019790.D
Acq: 03 Oct 2024 16:41

Tgt Ion: 64 Resp: 101657
Ion Ratio Lower Upper
64 100
66 31.0 26.1 39.1

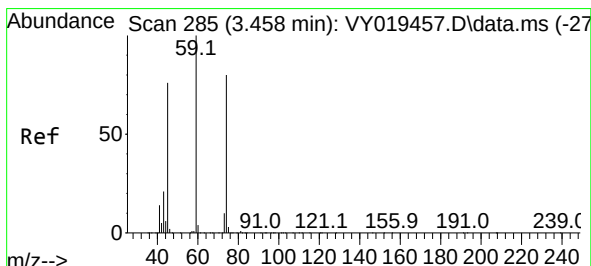
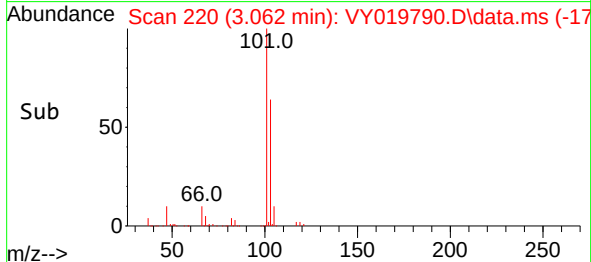
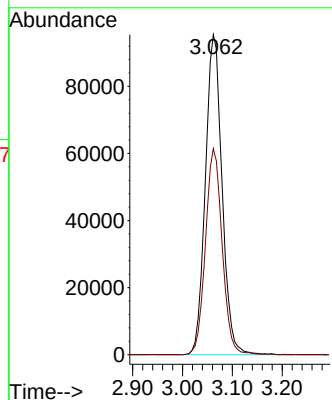
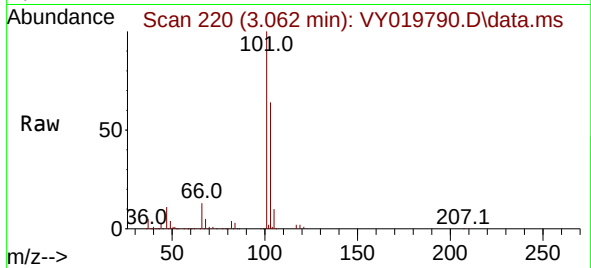




#7
 Trichlorofluoromethane
 Concen: 55.659 ug/l
 RT: 3.062 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VY019790.D
 Acq: 03 Oct 2024 16:41

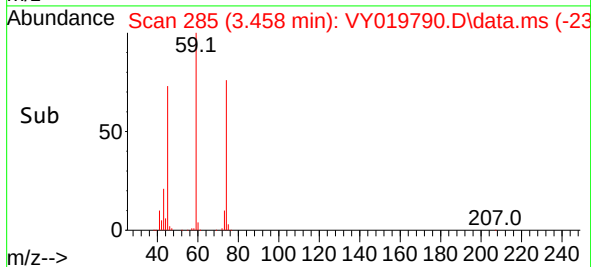
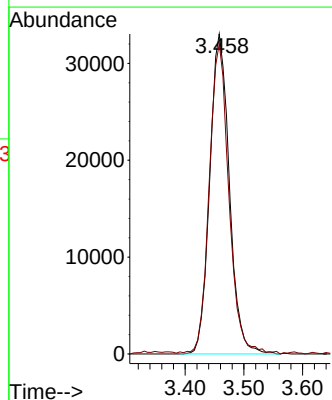
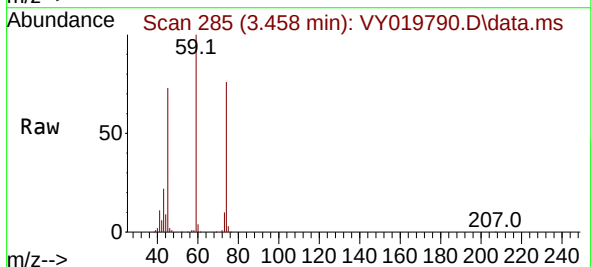
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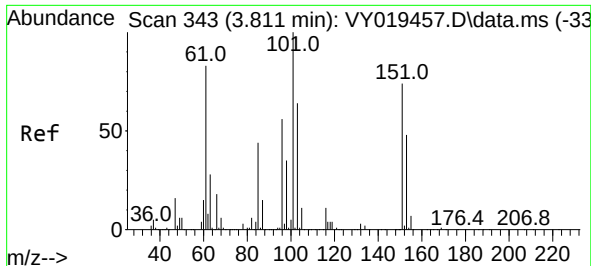
Tgt Ion:101 Resp: 221912
 Ion Ratio Lower Upper
 101 100
 103 64.4 49.3 73.9



#8
 Diethyl Ether
 Concen: 57.121 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. 0.000 min
 Lab File: VY019790.D
 Acq: 03 Oct 2024 16:41

Tgt Ion: 74 Resp: 76447
 Ion Ratio Lower Upper
 74 100
 45 97.3 41.3 124.1

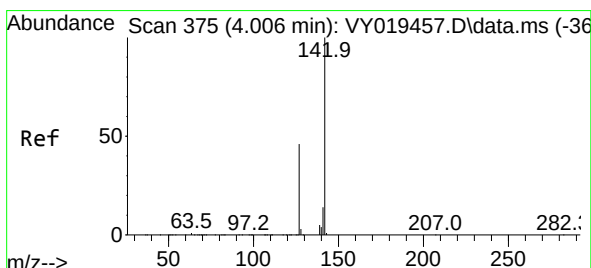
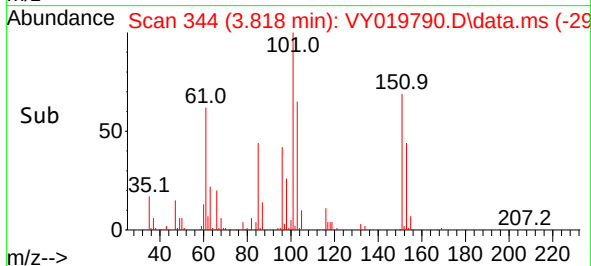
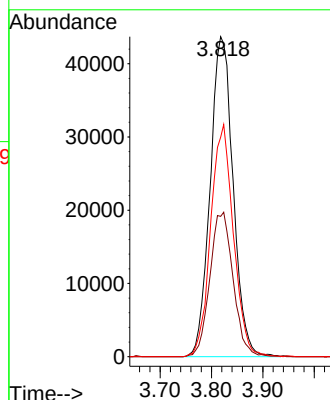
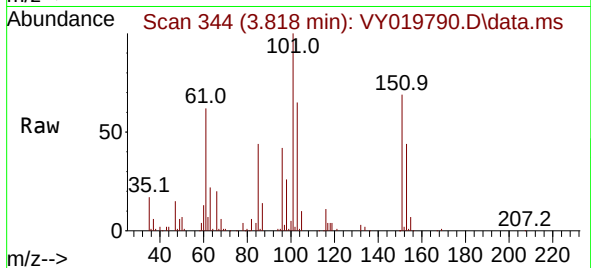




#9
1,1,2-Trichlorotrifluoroethane
Concen: 54.884 ug/l
RT: 3.818 min Scan# 343
Delta R.T. 0.006 min
Lab File: VY019790.D
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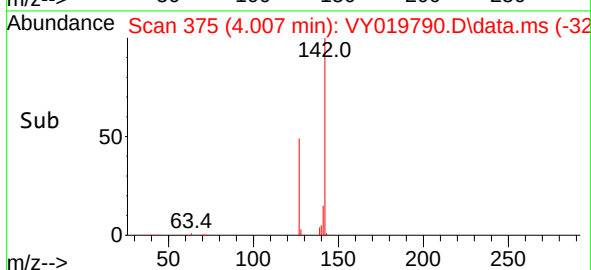
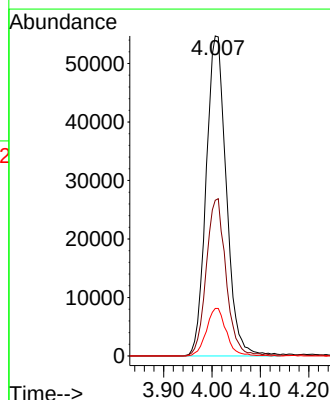
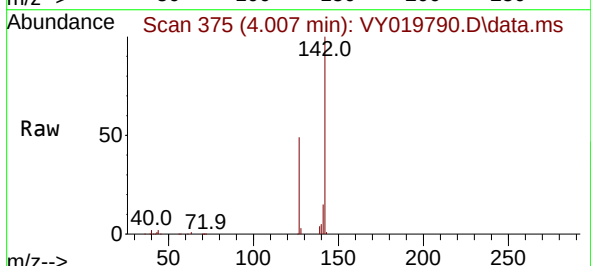
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MSVOA_Y
ClientSampleId :

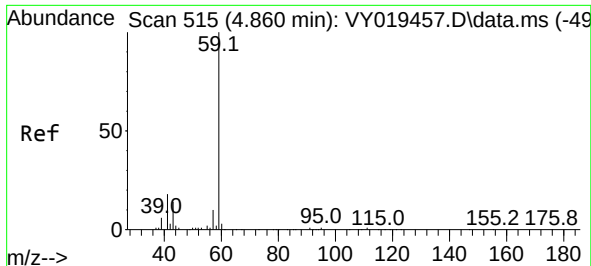
Tgt Ion:101 Resp: 135366
Ion Ratio Lower Upper
101 100
85 45.8 34.5 51.7
151 71.9 61.7 92.5



#10
Methyl Iodide
Concen: 50.209 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.000 min
Lab File: VY019790.D
Acq: 03 Oct 2024 16:41

Tgt Ion:142 Resp: 158770
Ion Ratio Lower Upper
142 100
127 48.5 32.8 49.2
141 14.6 11.4 17.2

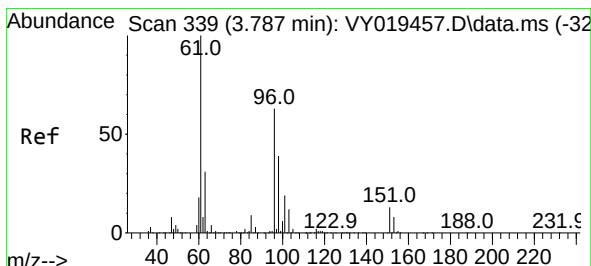
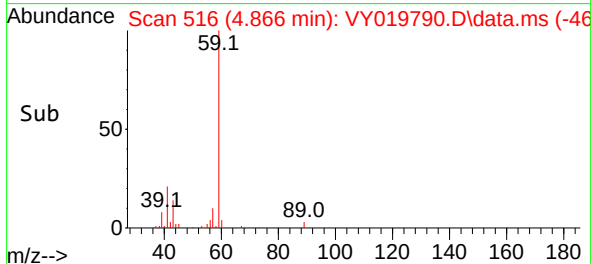
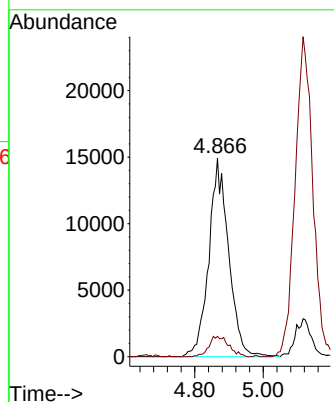
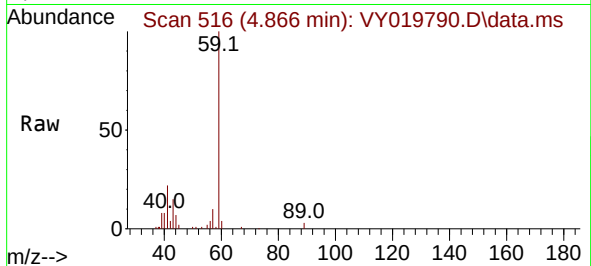




#11
Tert butyl alcohol
Concen: 299.236 ug/l
RT: 4.866 min Scan# 515
Delta R.T. 0.006 min
Lab File: VY019790.D
Acq: 03 Oct 2024 16:41

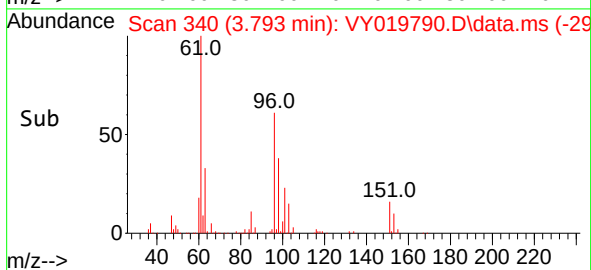
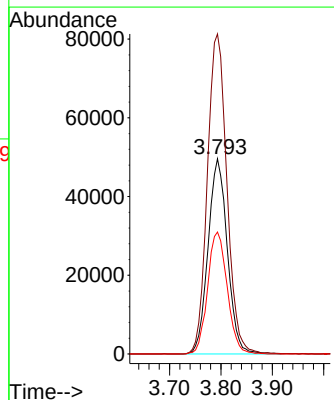
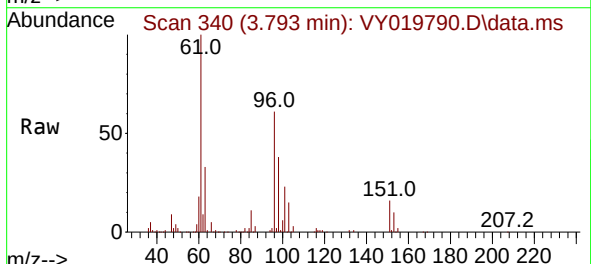
Instrument :
MSVOA_Y
ClientSampleId :

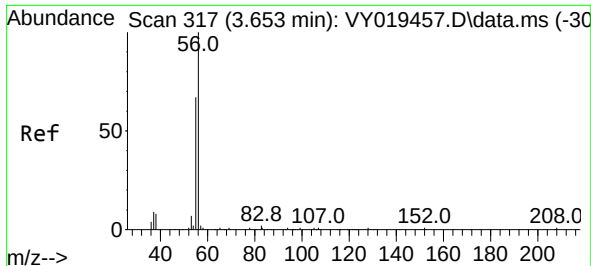
Tgt Ion: 59 Resp: 59824
Ion Ratio Lower Upper
59 100
57 10.3 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 54.539 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY019790.D
Acq: 03 Oct 2024 16:41

Tgt Ion: 96 Resp: 129363
Ion Ratio Lower Upper
96 100
61 164.0 114.6 171.8
98 62.4 50.8 76.2

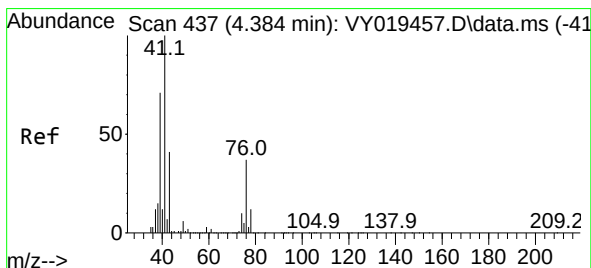
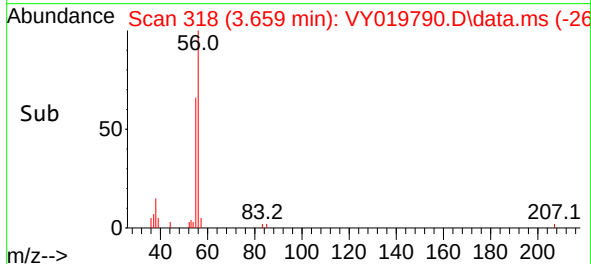
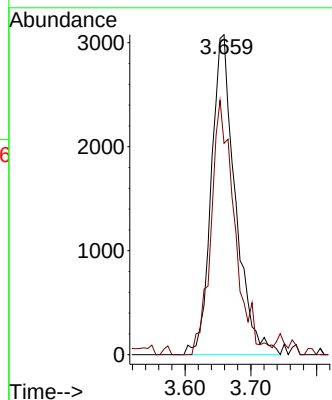
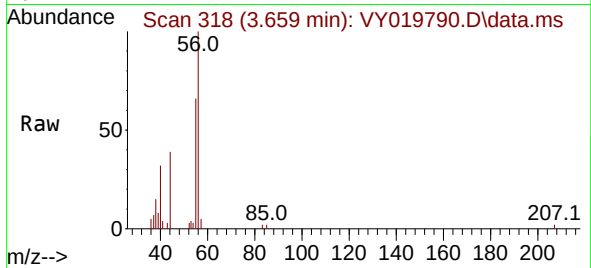




#13
Acrolein
Concen: 71.068 ug/l
RT: 3.659 min Scan# 317
Delta R.T. 0.006 min
Lab File: VY019790.D
Acq: 03 Oct 2024 16:41

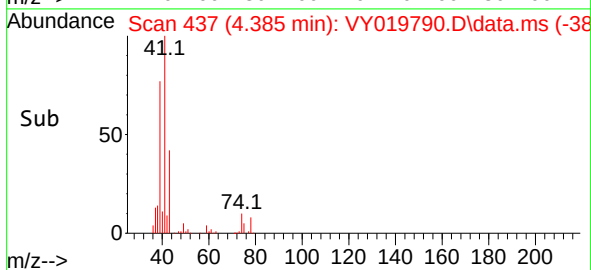
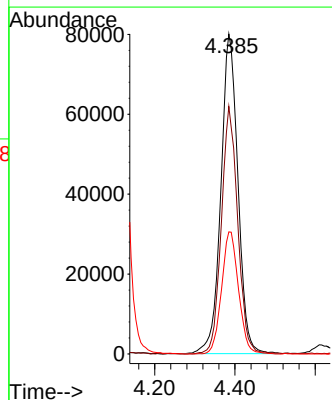
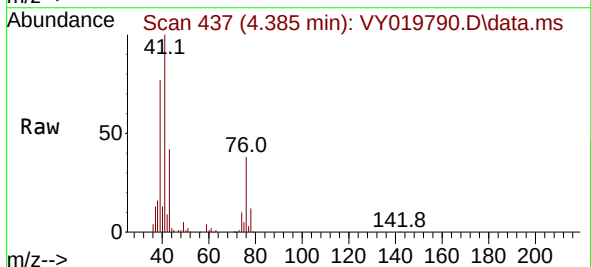
Instrument :
MSVOA_Y
ClientSampleId :

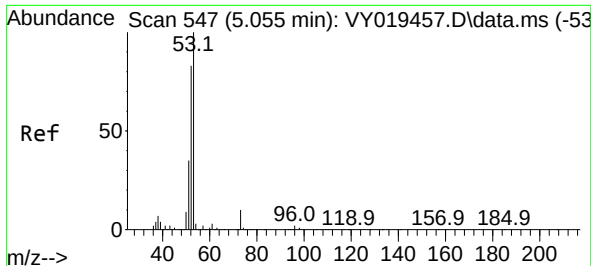
Tgt Ion: 56 Resp: 7827
Ion Ratio Lower Upper
56 100
55 78.6 55.7 83.5



#14
Allyl chloride
Concen: 55.590 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY019790.D
Acq: 03 Oct 2024 16:41

Tgt Ion: 41 Resp: 236459
Ion Ratio Lower Upper
41 100
39 74.2 58.3 87.5
76 38.0 39.0 58.6#

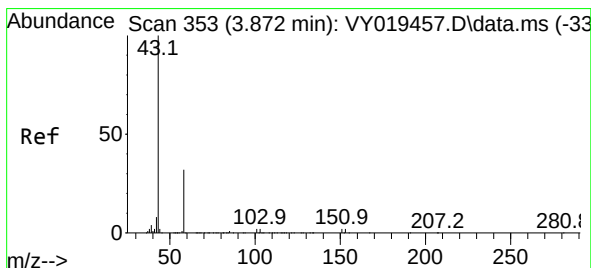
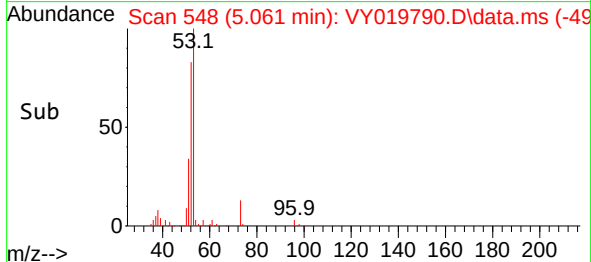
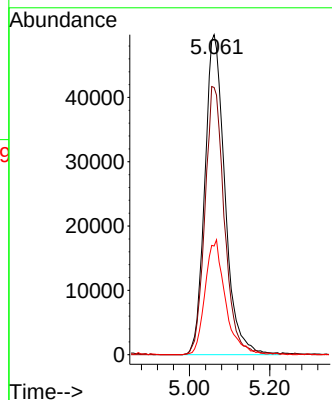
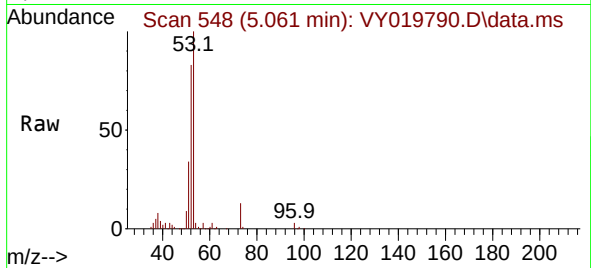




#15
Acrylonitrile
Concen: 300.142 ug/l
RT: 5.061 min Scan# 547
Delta R.T. 0.006 min
Lab File: VY019790.D
Acq: 03 Oct 2024 16:41

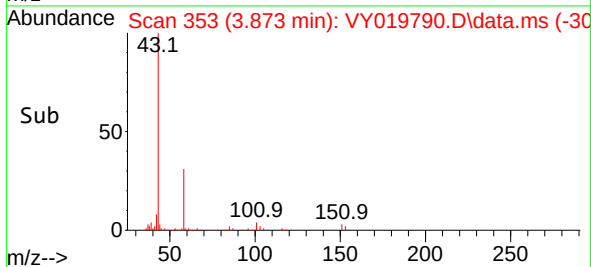
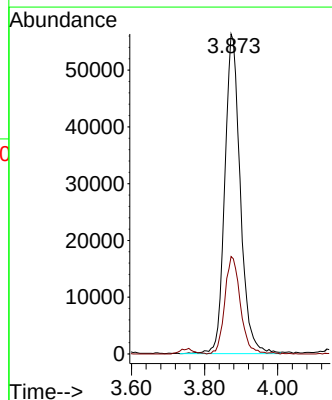
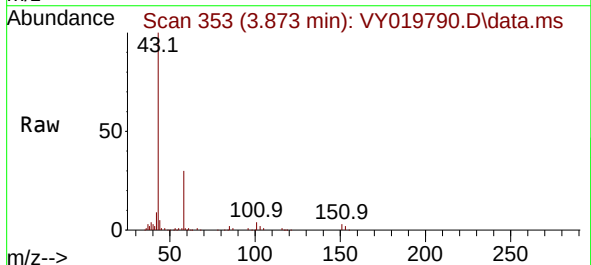
Instrument :
MSVOA_Y
ClientSampleId :

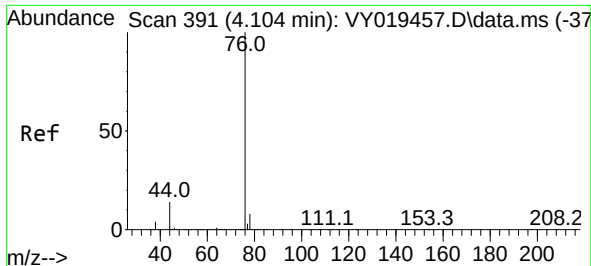
Tgt Ion: 53 Resp: 173201
Ion Ratio Lower Upper
53 100
52 80.8 64.7 97.1
51 36.2 28.4 42.6



#16
Acetone
Concen: 281.985 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY019790.D
Acq: 03 Oct 2024 16:41

Tgt Ion: 43 Resp: 166306
Ion Ratio Lower Upper
43 100
58 30.5 31.7 47.5#

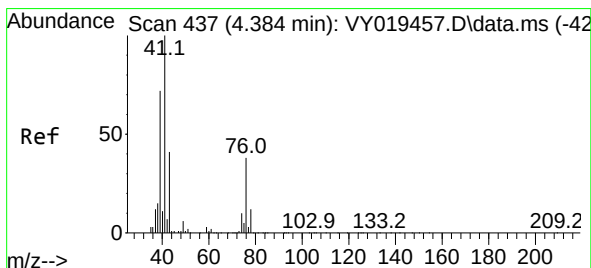
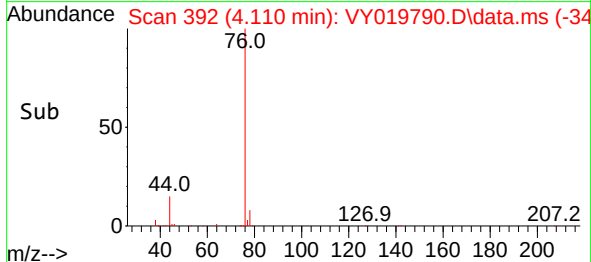
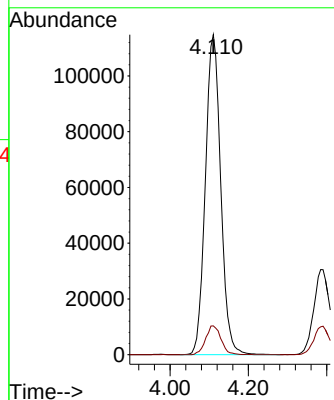
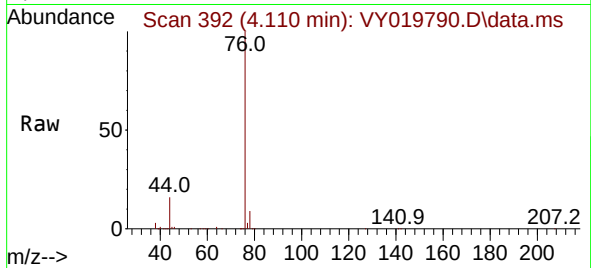




#17
Carbon Disulfide
Concen: 48.625 ug/l
RT: 4.110 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY019790.D
Acq: 03 Oct 2024 16:41

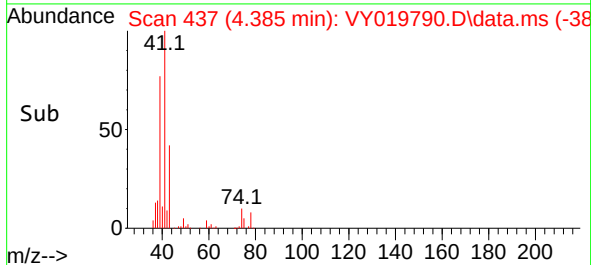
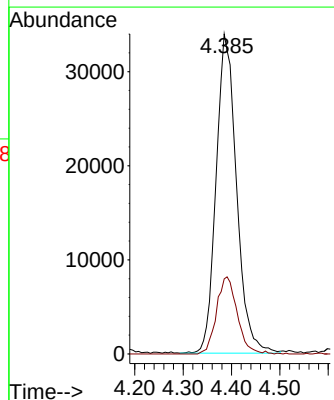
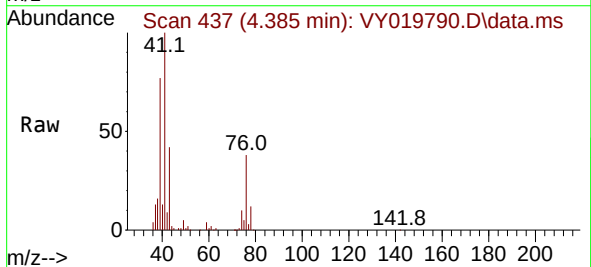
Instrument :
MSVOA_Y
ClientSampleId :

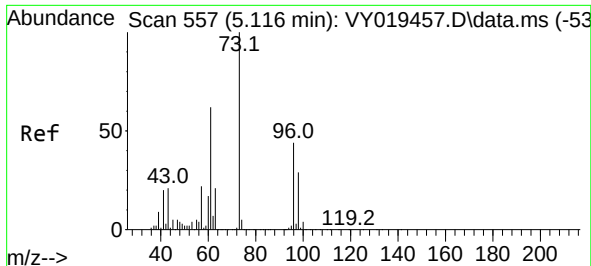
Tgt Ion: 76 Resp: 311623
Ion Ratio Lower Upper
76 100
78 9.0 6.8 10.2



#18
Methyl Acetate
Concen: 62.309 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY019790.D
Acq: 03 Oct 2024 16:41

Tgt Ion: 43 Resp: 99726
Ion Ratio Lower Upper
43 100
74 24.3 23.3 34.9

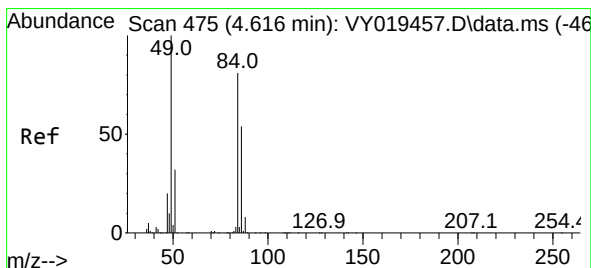
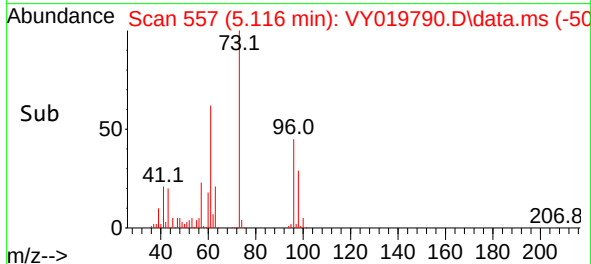
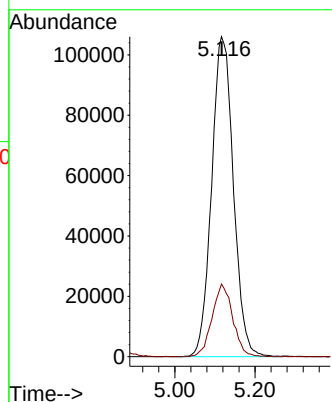
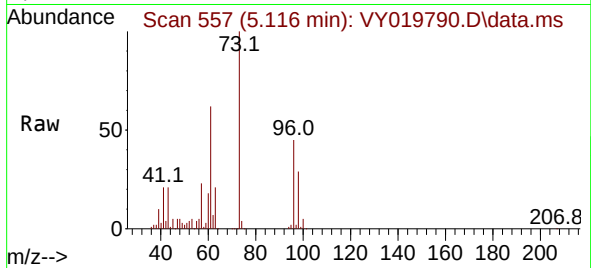




#19
Methyl tert-butyl Ether
Concen: 59.444 ug/l
RT: 5.116 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY019790.D
Acq: 03 Oct 2024 16:41

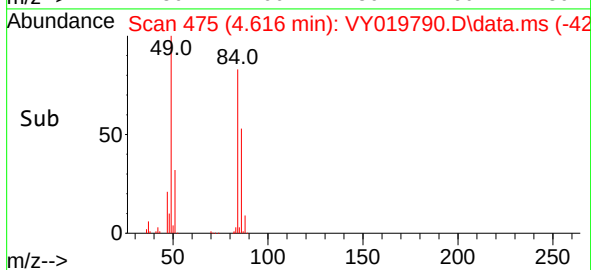
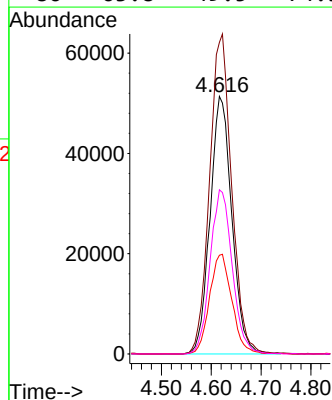
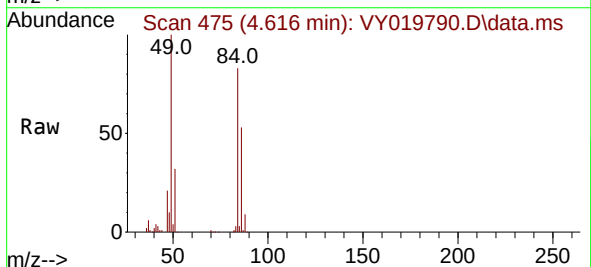
Instrument :
MSVOA_Y
ClientSampleId :

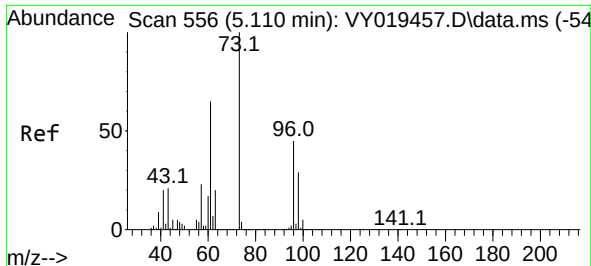
Tgt Ion: 73 Resp: 399338
Ion Ratio Lower Upper
73 100
57 22.7 17.3 25.9



#20
Methylene Chloride
Concen: 58.047 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY019790.D
Acq: 03 Oct 2024 16:41

Tgt Ion: 84 Resp: 156124
Ion Ratio Lower Upper
84 100
49 121.0 84.4 126.6
51 38.3 26.0 39.0
86 63.8 49.5 74.3

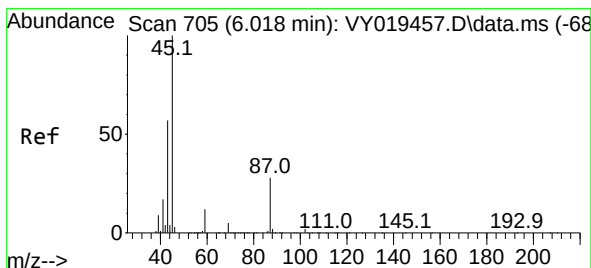
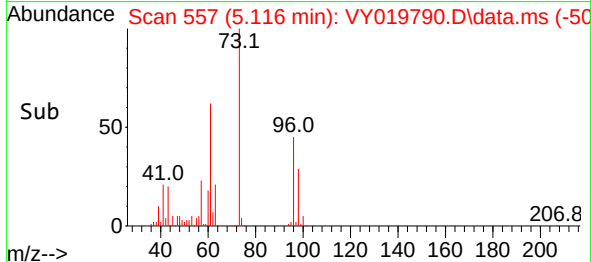
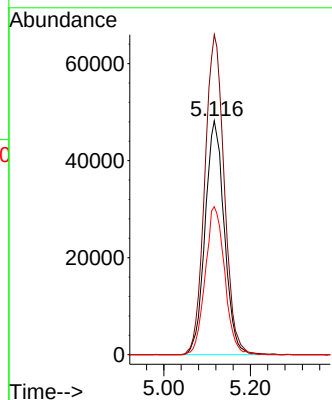
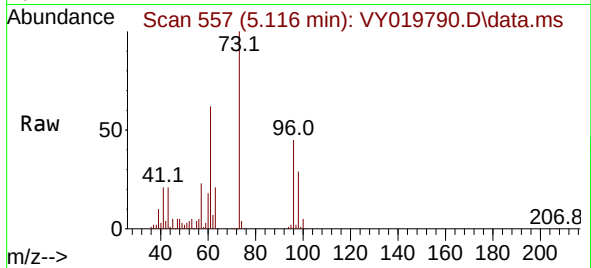




#21
trans-1,2-Dichloroethene
Concen: 57.107 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY019790.D
Acq: 03 Oct 2024 16:41

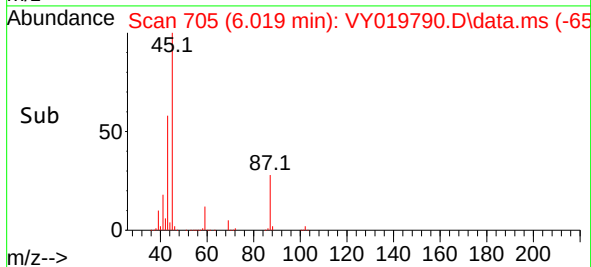
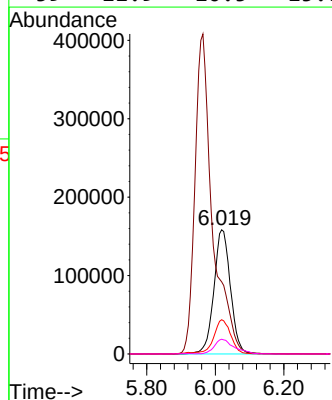
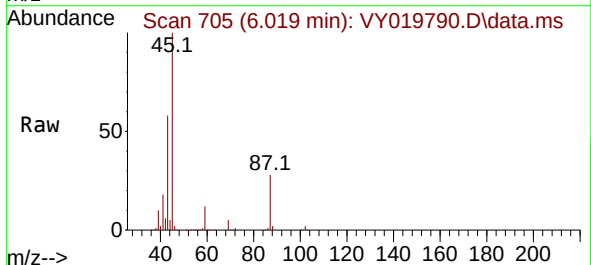
Instrument :
MSVOA_Y
ClientSampleId :

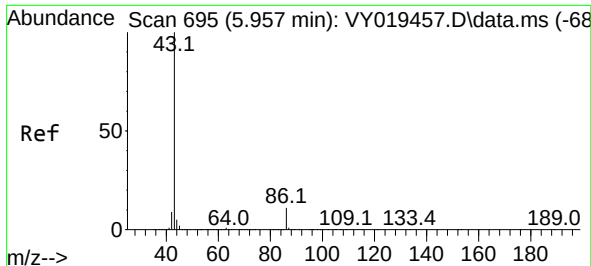
Tgt Ion: 96 Resp: 148470
Ion Ratio Lower Upper
96 100
61 136.8 97.5 146.3
98 63.3 50.5 75.7



#22
Diisopropyl ether
Concen: 60.761 ug/l
RT: 6.019 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY019790.D
Acq: 03 Oct 2024 16:41

Tgt Ion: 45 Resp: 530738
Ion Ratio Lower Upper
45 100
43 57.9 42.2 63.2
87 27.6 25.0 37.6
59 11.9 10.5 15.7

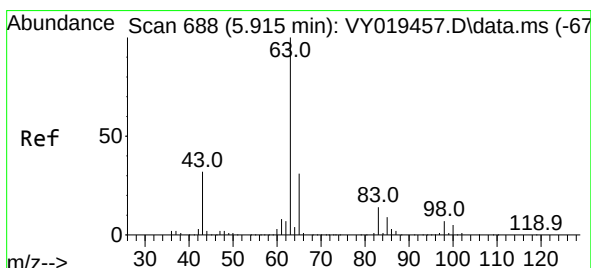
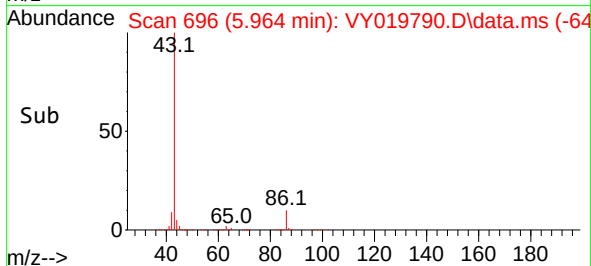
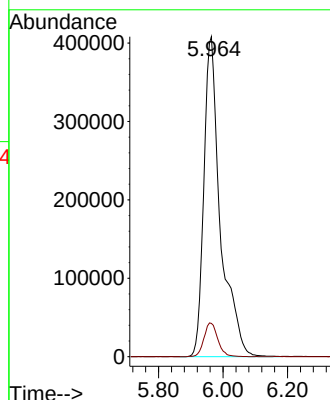
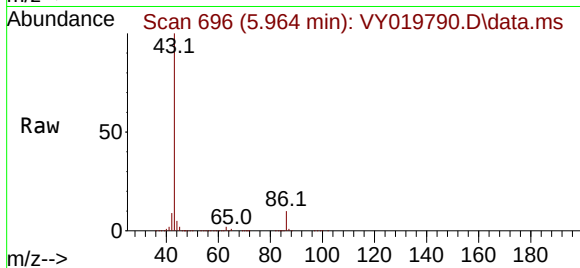




#23
 Vinyl Acetate
 Concen: 291.018 ug/l
 RT: 5.964 min Scan# 696
 Delta R.T. 0.006 min
 Lab File: VY019790.D
 Acq: 03 Oct 2024 16:41

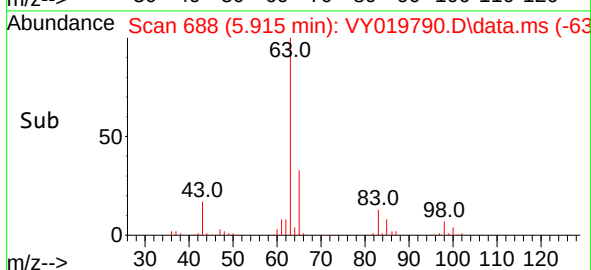
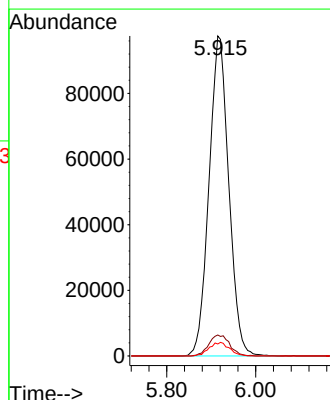
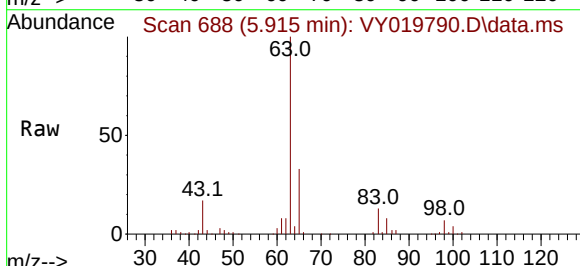
Instrument :
 MSVOA_Y
 ClientSampleId :

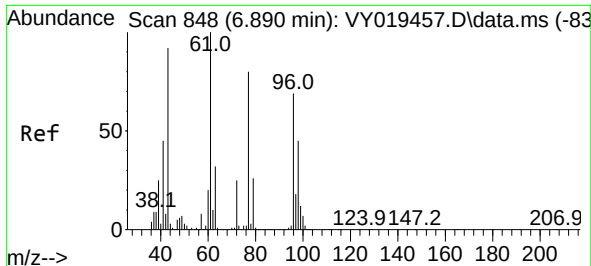
Tgt Ion: 43 Resp: 1451971
 Ion Ratio Lower Upper
 43 100
 86 10.4 10.6 16.0#



#24
 1,1-Dichloroethane
 Concen: 61.364 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY019790.D
 Acq: 03 Oct 2024 16:41

Tgt Ion: 63 Resp: 300780
 Ion Ratio Lower Upper
 63 100
 98 6.5 4.0 12.2
 100 3.7 2.6 8.0





#25

2-Butanone

Concen: 272.684 ug/l

RT: 6.896 min Scan# 84

Delta R.T. 0.006 min

Lab File: VY019790.D

Acq: 03 Oct 2024 16:41

Instrument :

MSVOA_Y

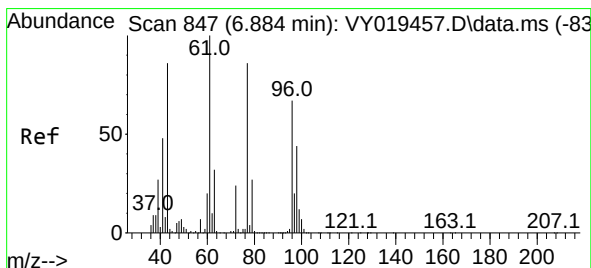
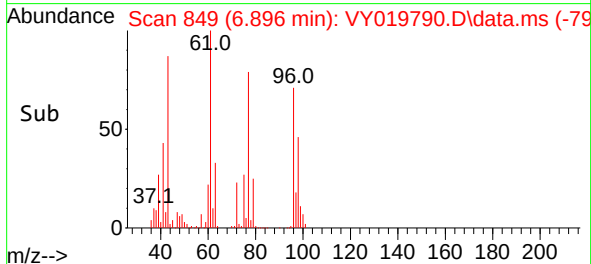
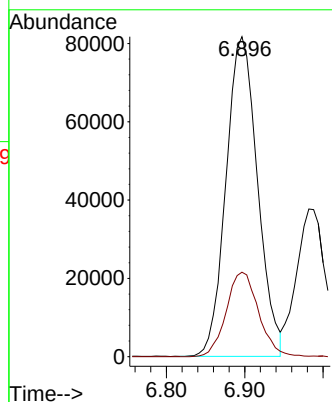
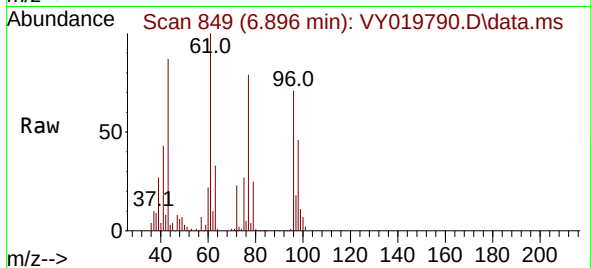
ClientSampleId :

Tgt Ion: 43 Resp: 228728

Ion Ratio Lower Upper

43 100

72 26.4 27.3 40.9#



#26

2,2-Dichloropropane

Concen: 57.178 ug/l

RT: 6.884 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY019790.D

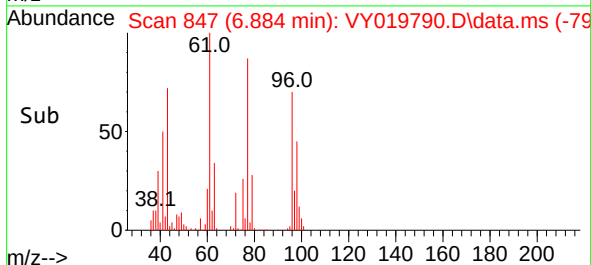
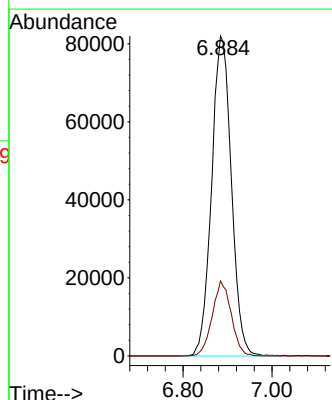
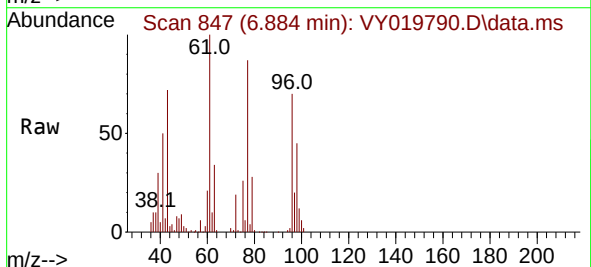
Acq: 03 Oct 2024 16:41

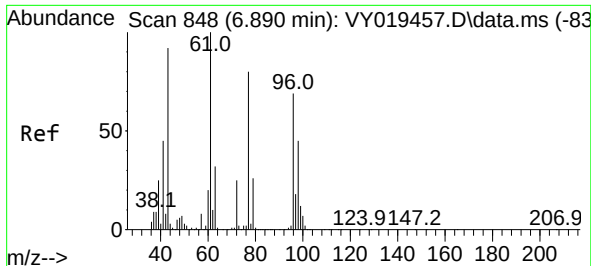
Tgt Ion: 77 Resp: 252803

Ion Ratio Lower Upper

77 100

97 22.5 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 60.807 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY019790.D

Acq: 03 Oct 2024 16:41

Instrument :

MSVOA_Y

ClientSampleId :

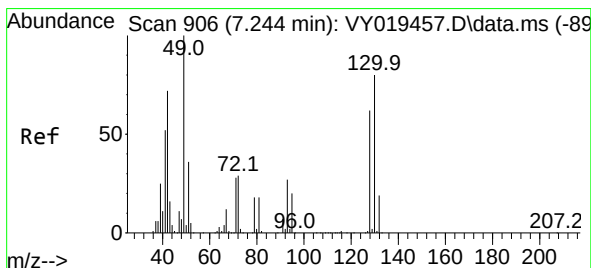
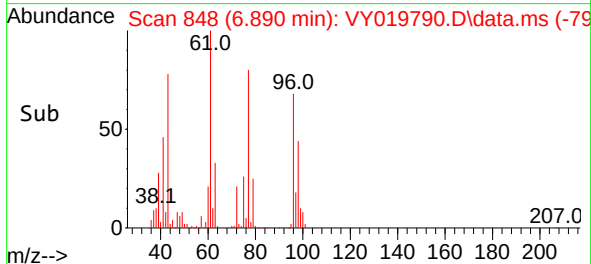
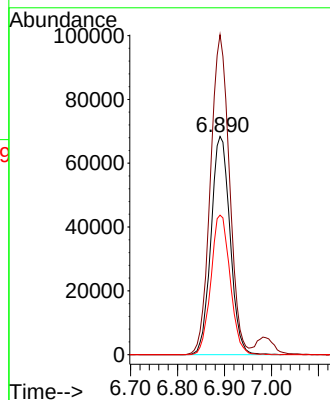
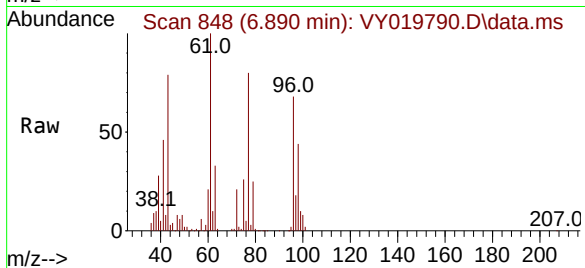
Tgt Ion: 96 Resp: 192036

Ion Ratio Lower Upper

96 100

61 146.4 0.0 256.2

98 64.5 0.0 130.0



#28

Bromochloromethane

Concen: 66.255 ug/l

RT: 7.244 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY019790.D

Acq: 03 Oct 2024 16:41

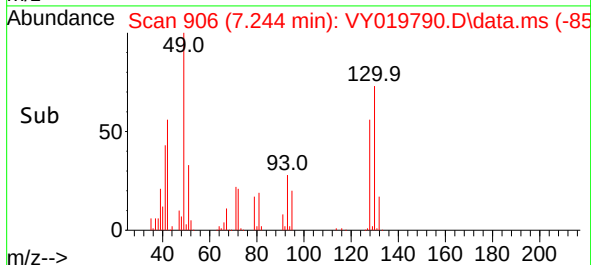
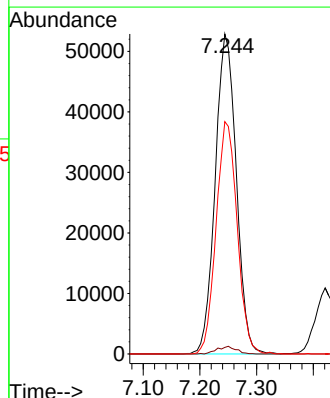
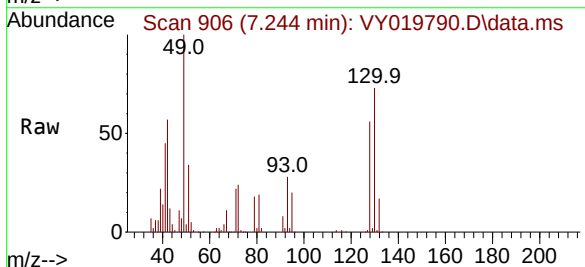
Tgt Ion: 49 Resp: 136639

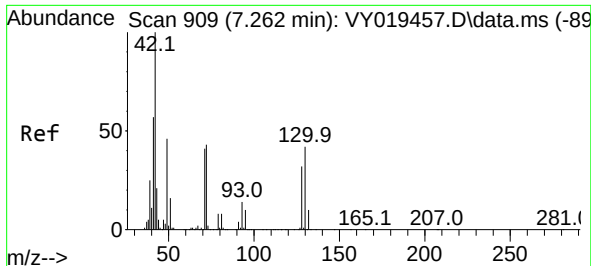
Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.6

130 72.5 72.7 109.1#





#29

Tetrahydrofuran

Concen: 278.970 ug/l

RT: 7.262 min Scan# 909

Delta R.T. 0.000 min

Lab File: VY019790.D

Acq: 03 Oct 2024 16:41

Instrument :

MSVOA_Y

ClientSampleId :

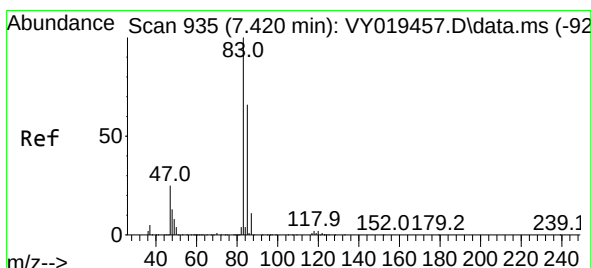
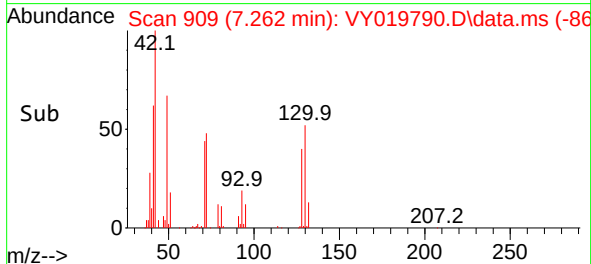
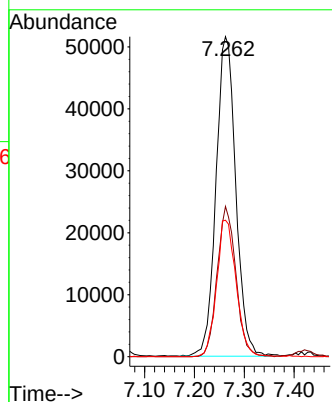
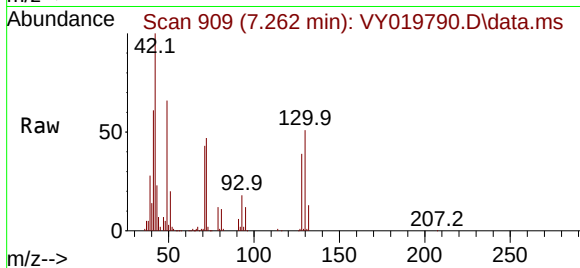
Tgt Ion: 42 Resp: 142276

Ion Ratio Lower Upper

42 100

72 44.4 43.0 64.4

71 42.1 40.8 61.2



#30

Chloroform

Concen: 63.638 ug/l

RT: 7.421 min Scan# 935

Delta R.T. 0.000 min

Lab File: VY019790.D

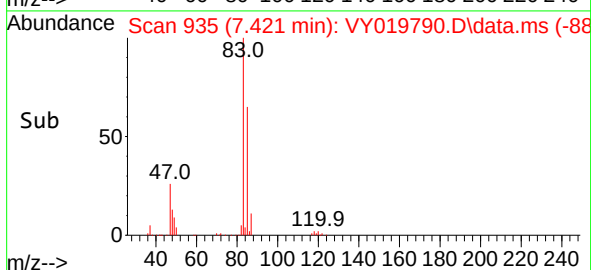
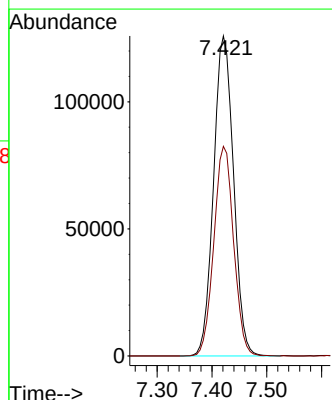
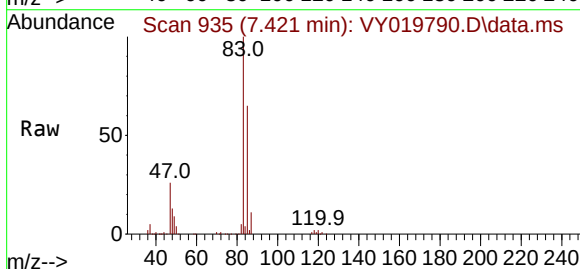
Acq: 03 Oct 2024 16:41

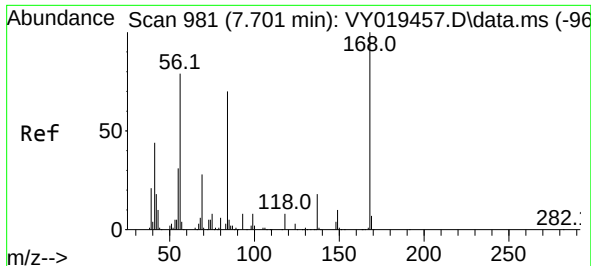
Tgt Ion: 83 Resp: 318423

Ion Ratio Lower Upper

83 100

85 65.5 52.2 78.4

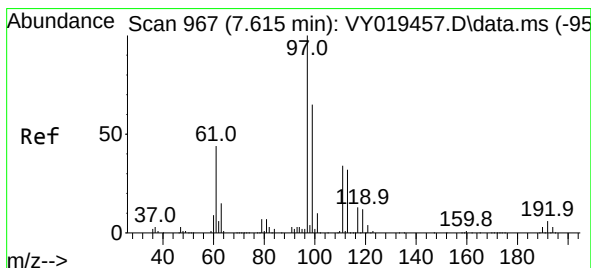
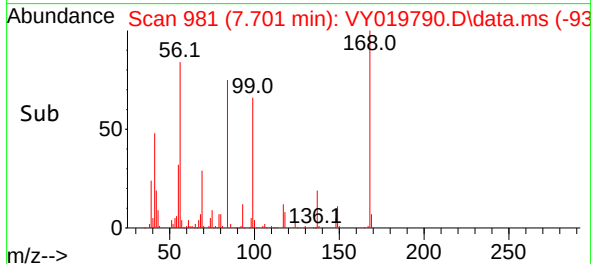
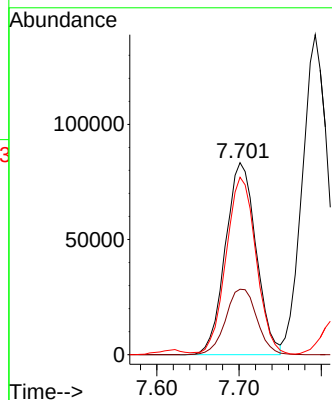
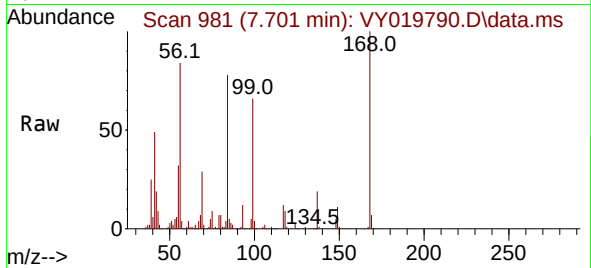




#31
Cyclohexane
Concen: 48.921 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY019790.D
Acq: 03 Oct 2024 16:41

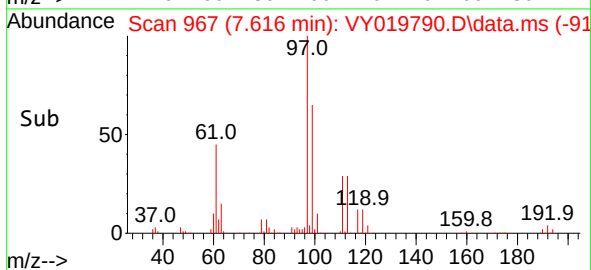
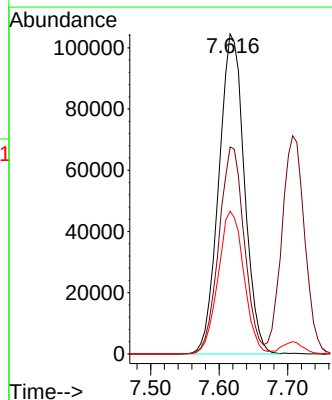
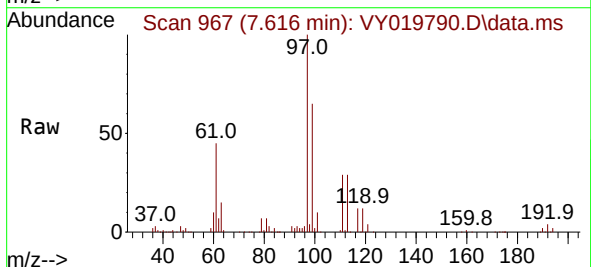
Instrument :
MSVOA_Y
ClientSampleId :

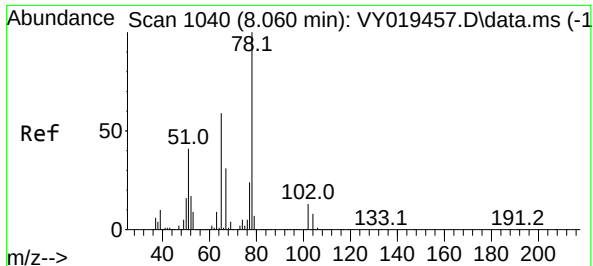
Tgt Ion: 56 Resp: 216742
Ion Ratio Lower Upper
56 100
69 34.1 28.7 43.1
84 90.7 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 60.304 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY019790.D
Acq: 03 Oct 2024 16:41

Tgt Ion: 97 Resp: 270458
Ion Ratio Lower Upper
97 100
99 64.3 50.3 75.5
61 45.0 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 59.070 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY019790.D

Acq: 03 Oct 2024 16:41

Instrument :

MSVOA_Y

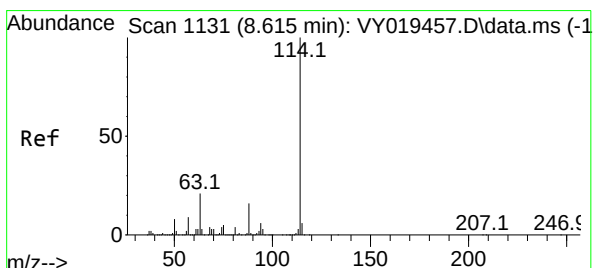
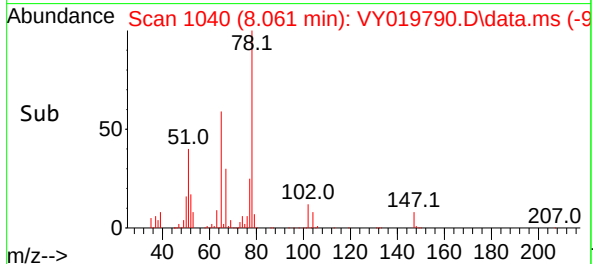
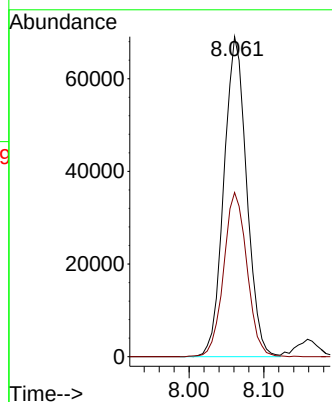
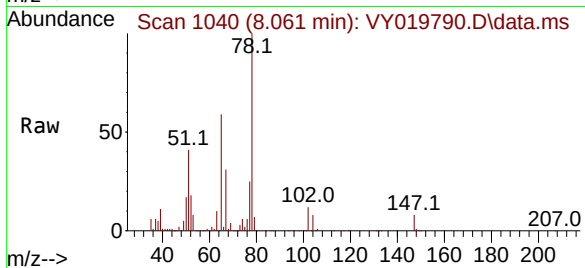
ClientSampleId :

Tgt Ion: 65 Resp: 146232

Ion Ratio Lower Upper

65 100

67 52.5 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: VY019790.D

Acq: 03 Oct 2024 16:41

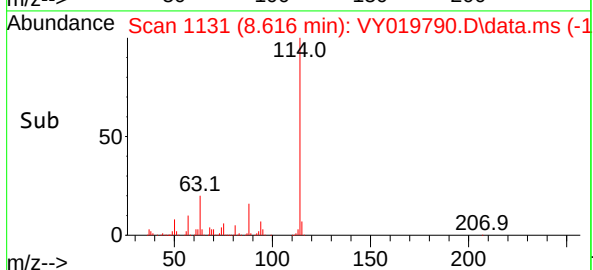
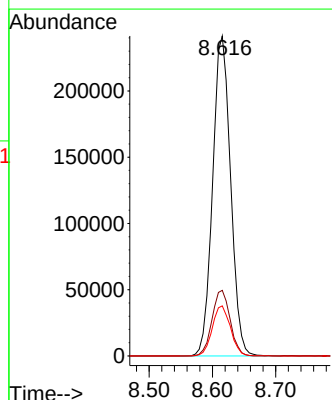
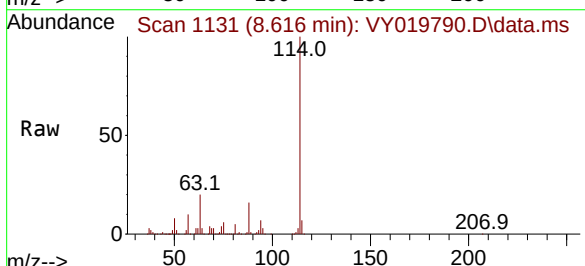
Tgt Ion: 114 Resp: 475465

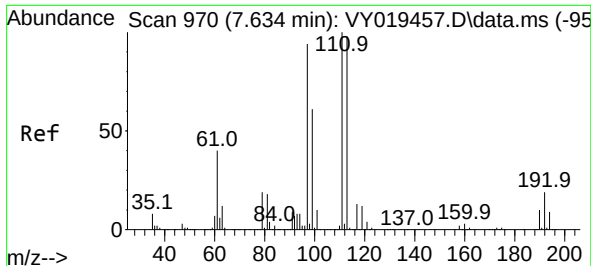
Ion Ratio Lower Upper

114 100

63 20.5 0.0 35.0

88 15.7 0.0 27.2

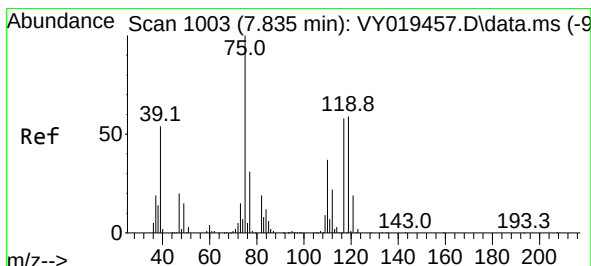
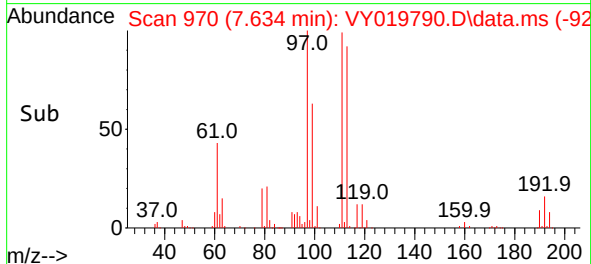
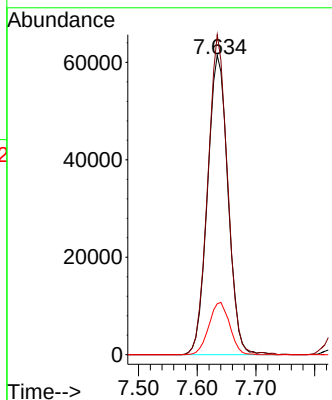
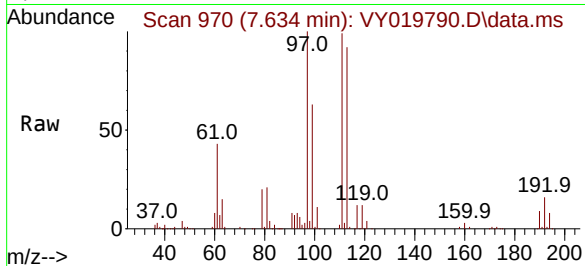




#35
 Dibromofluoromethane
 Concen: 55.184 ug/l
 RT: 7.634 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VY019790.D
 Acq: 03 Oct 2024 16:41

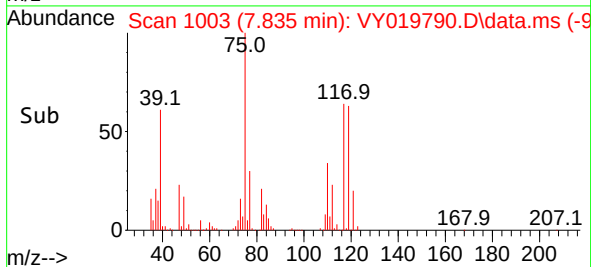
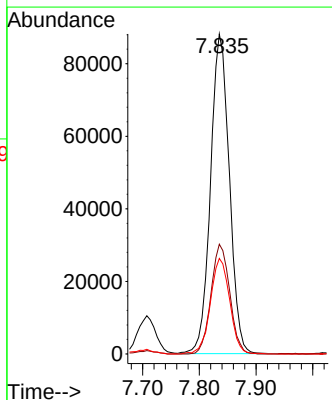
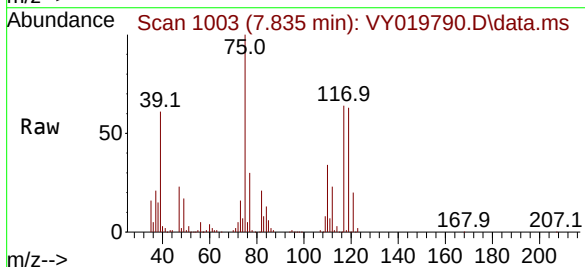
Instrument :
 MSVOA_Y
 ClientSampleId :

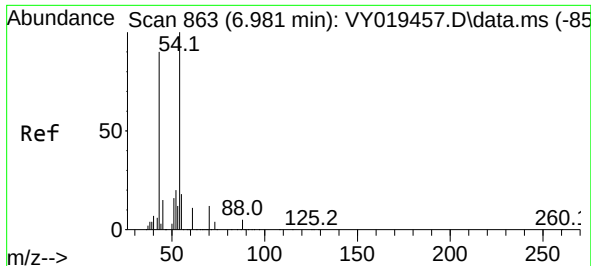
Tgt Ion:113 Resp: 148766
 Ion Ratio Lower Upper
 113 100
 111 103.1 82.2 123.4
 192 17.7 15.9 23.9



#36
 1,1-Dichloropropene
 Concen: 55.383 ug/l
 RT: 7.835 min Scan# 1003
 Delta R.T. 0.000 min
 Lab File: VY019790.D
 Acq: 03 Oct 2024 16:41

Tgt Ion: 75 Resp: 203157
 Ion Ratio Lower Upper
 75 100
 110 34.1 19.0 57.0
 77 30.6 25.3 37.9





#37

Ethyl Acetate

Concen: 54.607 ug/l

RT: 6.982 min Scan# 80

Delta R.T. 0.000 min

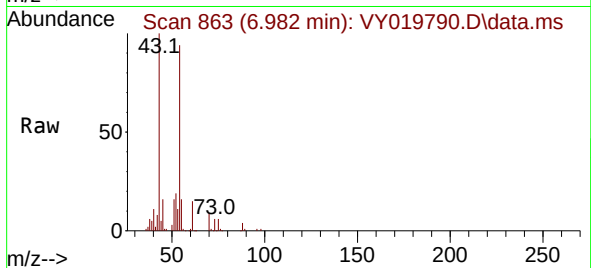
Lab File: VY019790.D

Acq: 03 Oct 2024 16:41

Instrument :

MSVOA_Y

ClientSampleId :



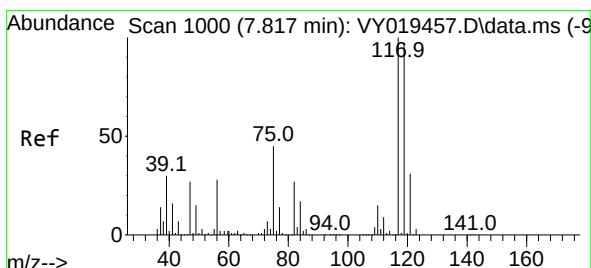
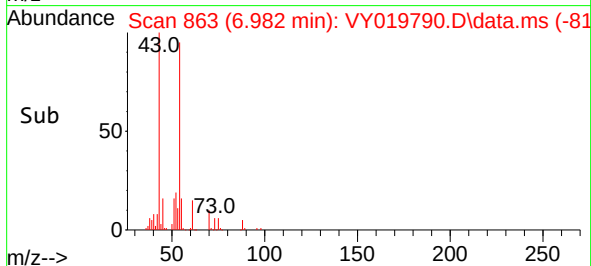
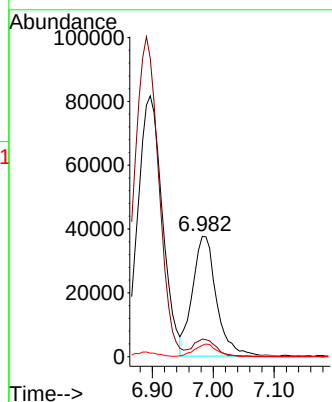
Tgt Ion: 43 Resp: 102634

Ion Ratio Lower Upper

43 100

61 15.0 12.6 19.0

70 10.2 7.8 11.8



#38

Carbon Tetrachloride

Concen: 55.442 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VY019790.D

Acq: 03 Oct 2024 16:41

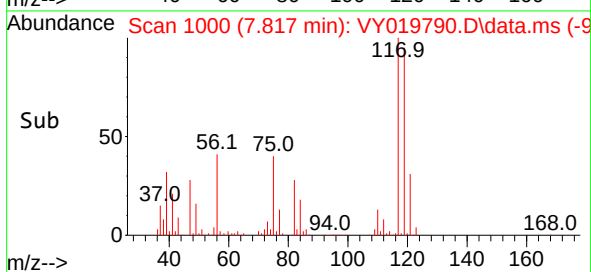
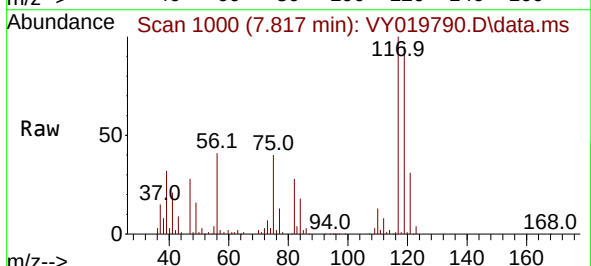
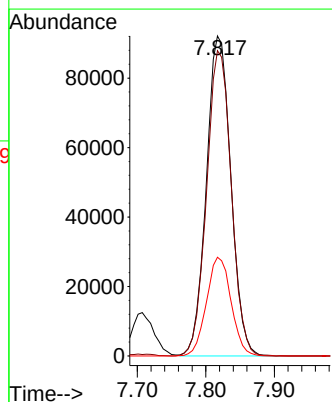
Tgt Ion: 117 Resp: 229339

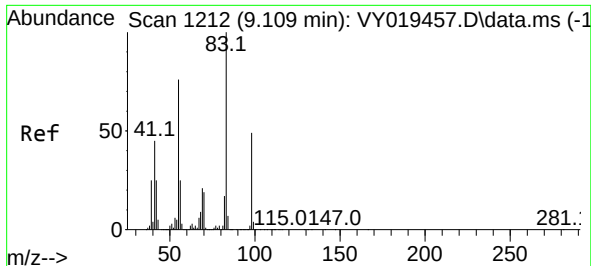
Ion Ratio Lower Upper

117 100

119 95.3 75.8 113.6

121 30.9 24.0 36.0





#39

Methylcyclohexane

Concen: 48.311 ug/l

RT: 9.109 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019790.D

Acq: 03 Oct 2024 16:41

Instrument :

MSVOA_Y

ClientSampleId :

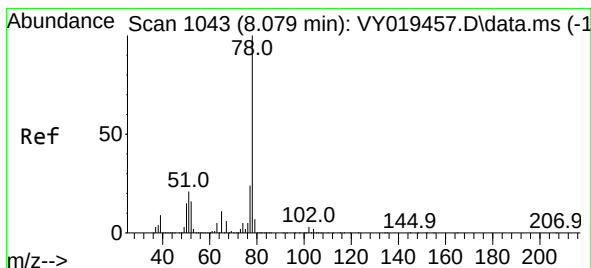
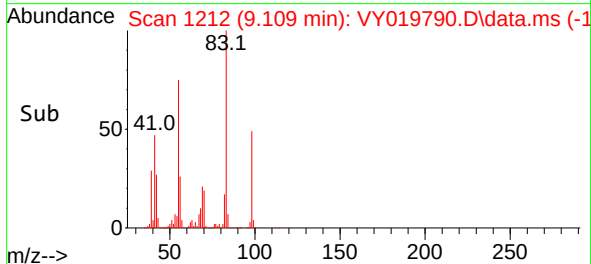
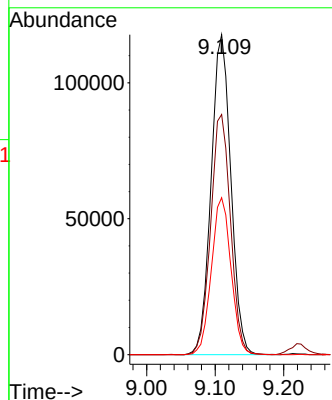
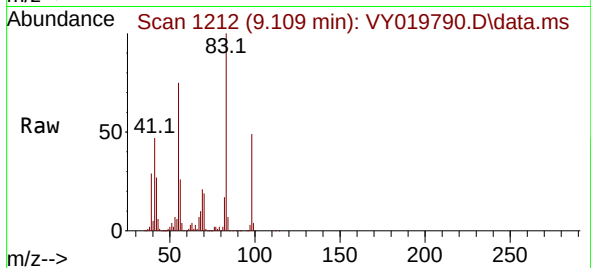
Tgt Ion: 83 Resp: 235836

Ion Ratio Lower Upper

83 100

55 75.1 51.5 77.3

98 49.1 40.5 60.7



#40

Benzene

Concen: 56.901 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VY019790.D

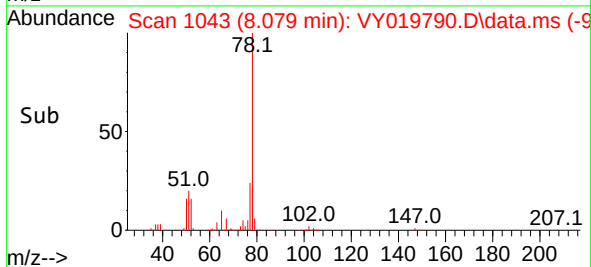
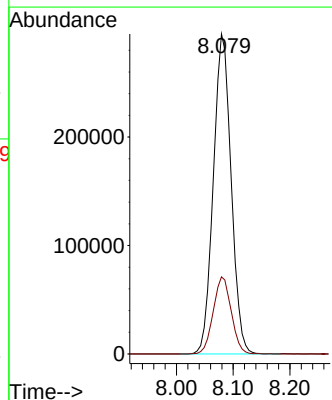
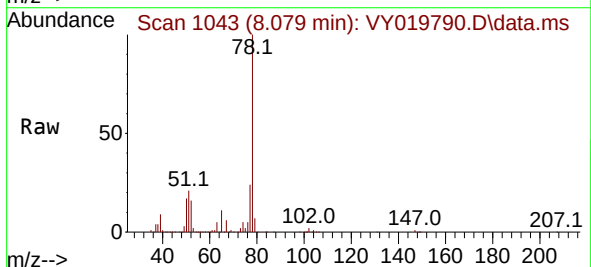
Acq: 03 Oct 2024 16:41

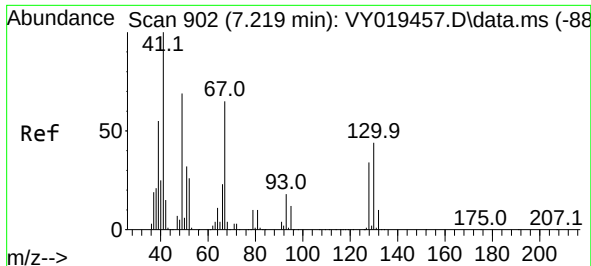
Tgt Ion: 78 Resp: 642883

Ion Ratio Lower Upper

78 100

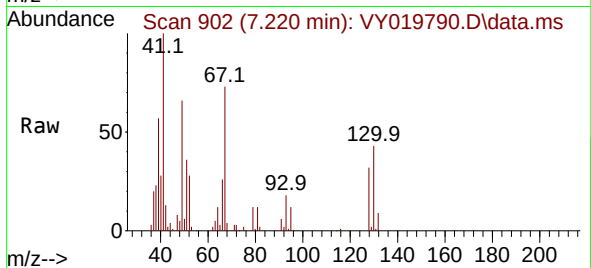
77 24.1 19.5 29.3



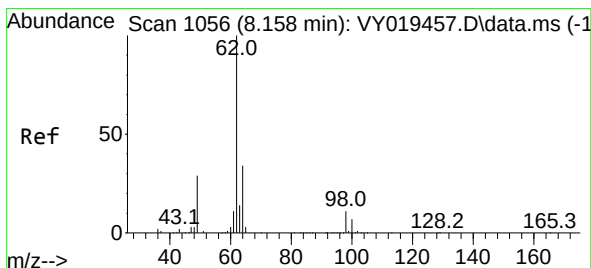
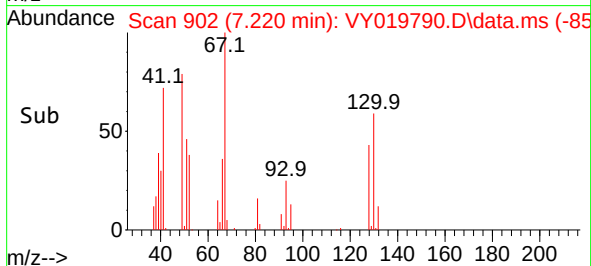
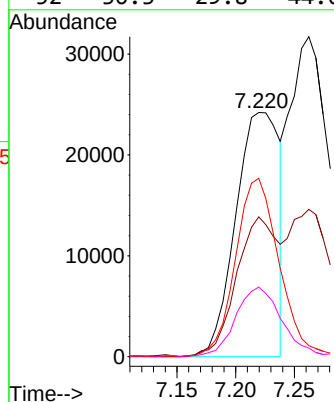


#41
Methacrylonitrile
Concen: 57.160 ug/l
RT: 7.220 min Scan# 902
Delta R.T. 0.000 min
Lab File: VY019790.D
Acq: 03 Oct 2024 16:41

Instrument :
MSVOA_Y
ClientSampleId :

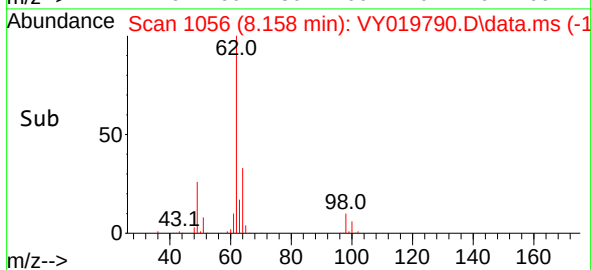
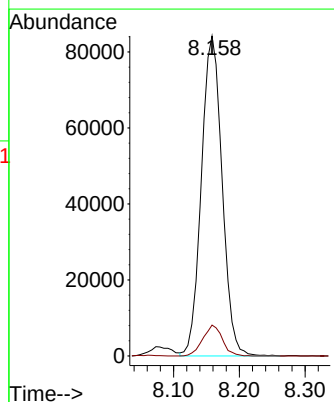
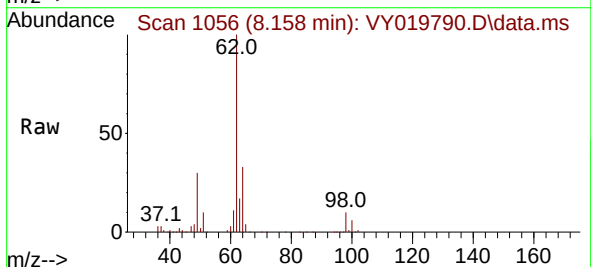


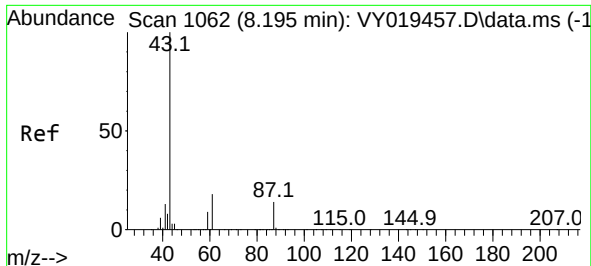
Tgt Ion:	41	Resp:	62625
Ion	Ratio	Lower	Upper
41	100		
39	54.4	48.0	72.0
67	73.3	75.1	112.7
52	30.3	29.8	44.6



#42
1,2-Dichloroethane
Concen: 60.761 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY019790.D
Acq: 03 Oct 2024 16:41

Tgt Ion:	62	Resp:	184726
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	22.0

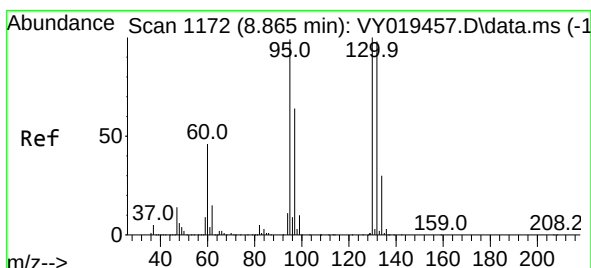
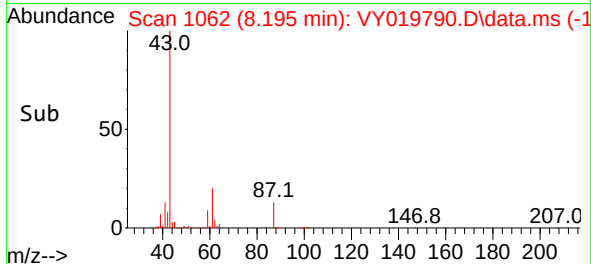
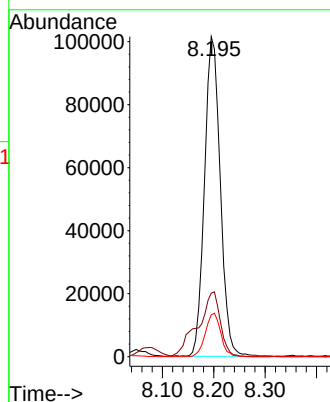
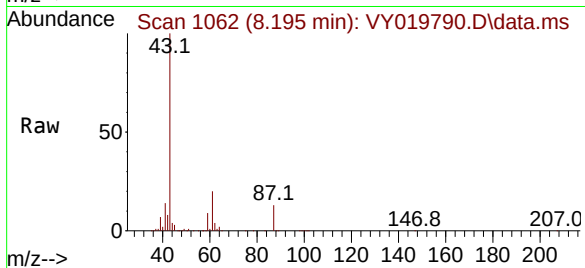




#43
Isopropyl Acetate
Concen: 54.814 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VY019790.D
Acq: 03 Oct 2024 16:41

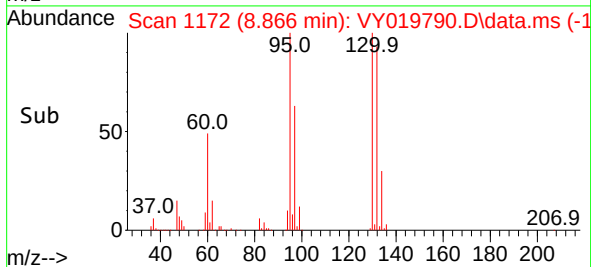
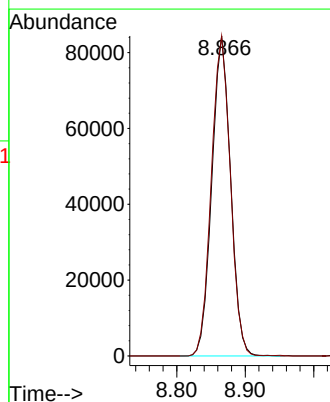
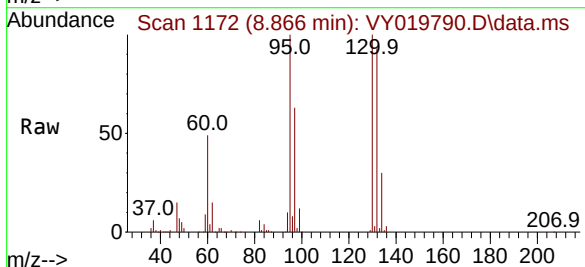
Instrument :
MSVOA_Y
ClientSampleId :

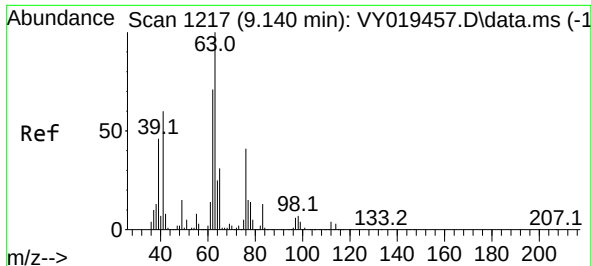
Tgt Ion: 43 Resp: 216441
Ion Ratio Lower Upper
43 100
61 28.9 27.9 41.9
87 13.2 13.1 19.7



#44
Trichloroethene
Concen: 55.007 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY019790.D
Acq: 03 Oct 2024 16:41

Tgt Ion:130 Resp: 159833
Ion Ratio Lower Upper
130 100
95 100.0 0.0 188.0





#45

1,2-Dichloropropane

Concen: 58.054 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY019790.D

Acq: 03 Oct 2024 16:41

Instrument :

MSVOA_Y

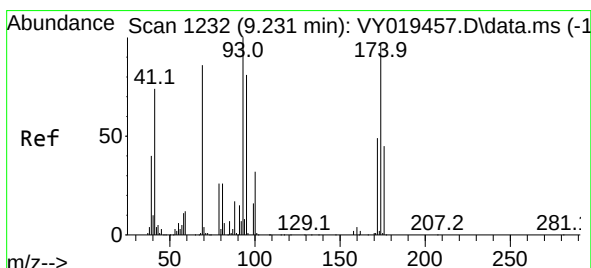
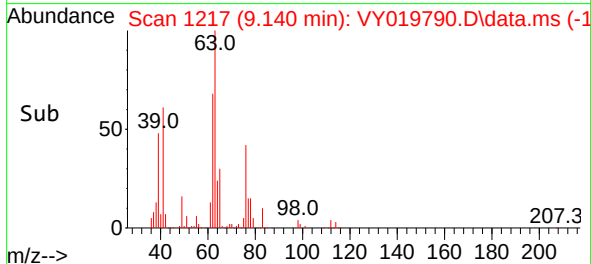
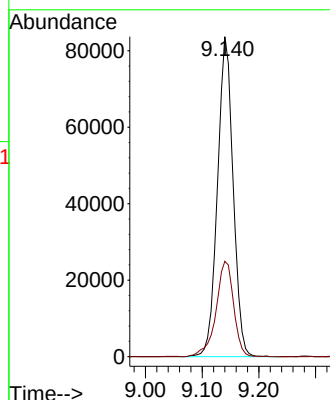
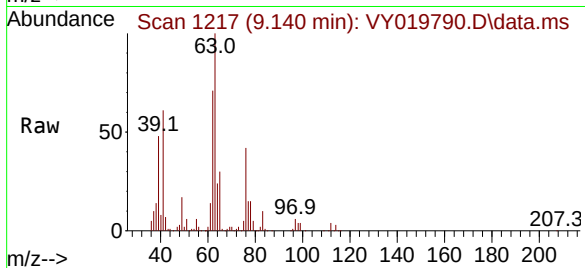
ClientSampleId :

Tgt Ion: 63 Resp: 160352

Ion Ratio Lower Upper

63 100

65 29.8 25.4 38.2



#46

Dibromomethane

Concen: 59.441 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY019790.D

Acq: 03 Oct 2024 16:41

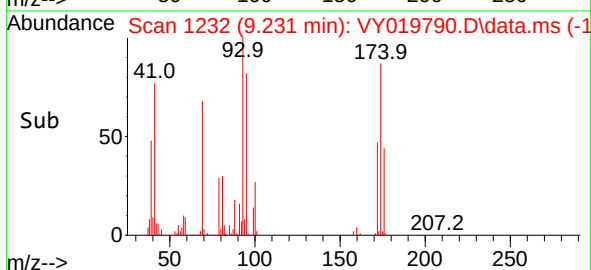
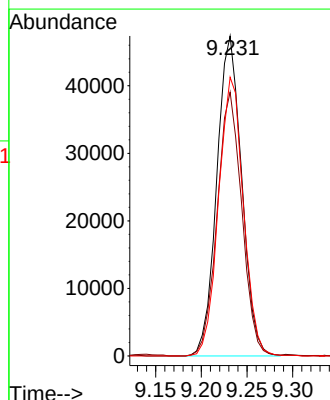
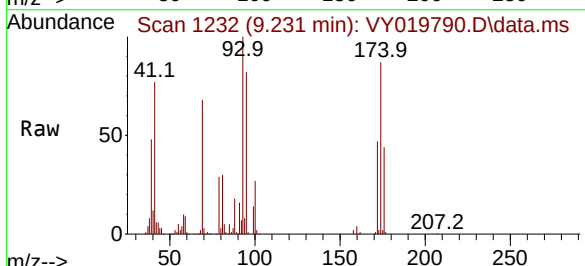
Tgt Ion: 93 Resp: 89784

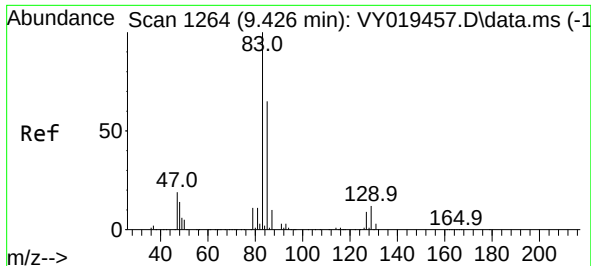
Ion Ratio Lower Upper

93 100

95 81.8 66.2 99.4

174 86.8 80.9 121.3

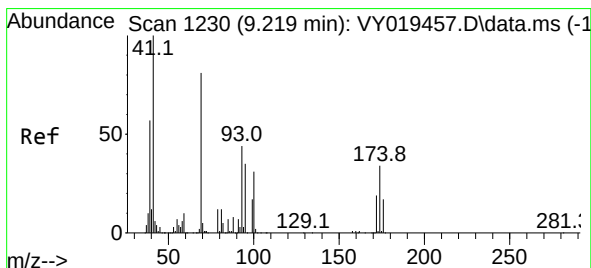
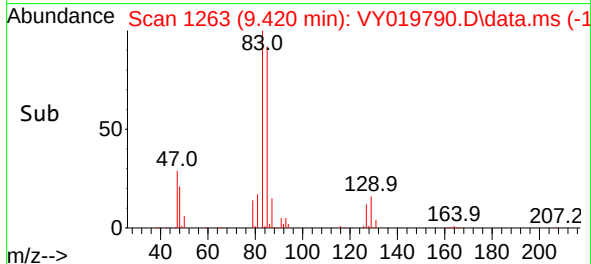
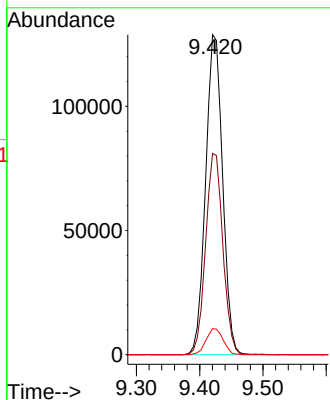
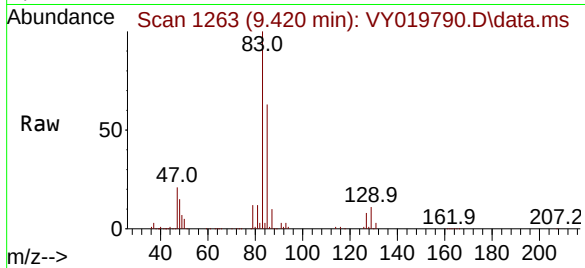




#47
Bromodichloromethane
Concen: 59.315 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. -0.006 min
Lab File: VY019790.D
Acq: 03 Oct 2024 16:41

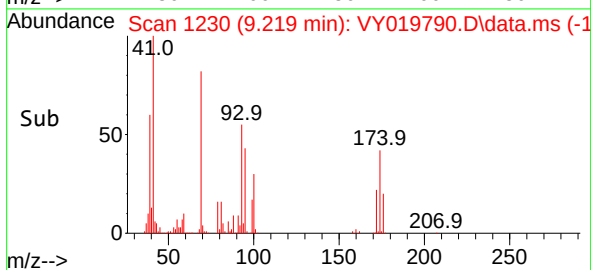
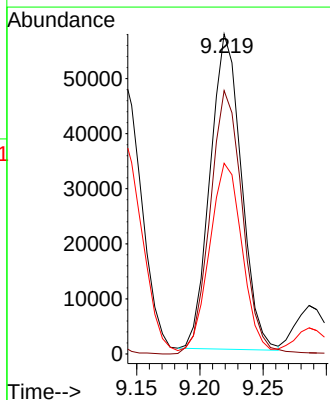
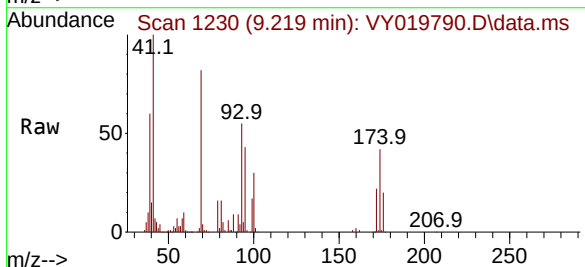
Instrument :
MSVOA_Y
ClientSampleId :

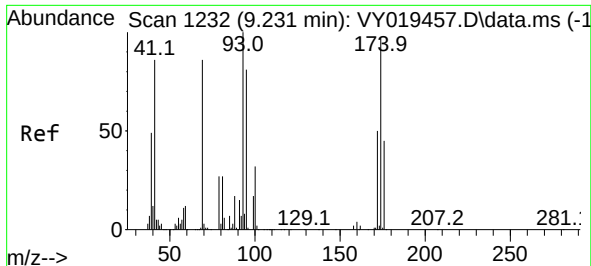
Tgt Ion: 83 Resp: 240837
Ion Ratio Lower Upper
83 100
85 62.9 50.1 75.1
127 8.2 7.4 11.0



#48
Methyl methacrylate
Concen: 52.748 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY019790.D
Acq: 03 Oct 2024 16:41

Tgt Ion: 41 Resp: 98358
Ion Ratio Lower Upper
41 100
69 86.6 84.1 126.1
39 63.1 43.6 65.4





#49

1,4-Dioxane

Concen: 1133.920 ug/l

RT: 9.231 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019790.D

Acq: 03 Oct 2024 16:41

Instrument :

MSVOA_Y

ClientSampleId :

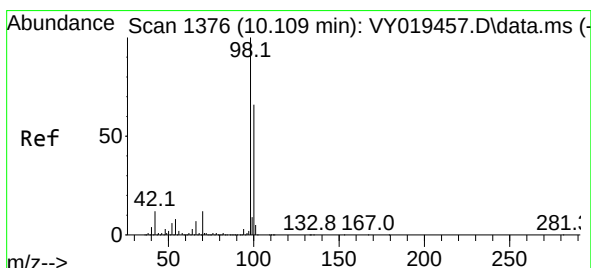
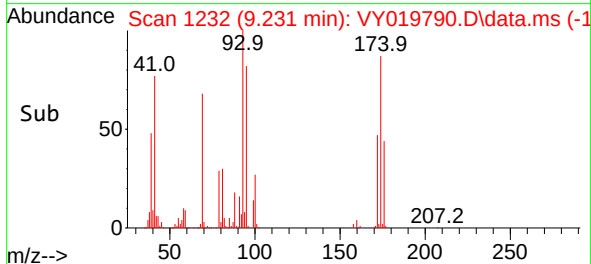
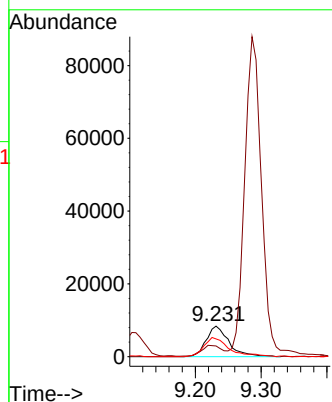
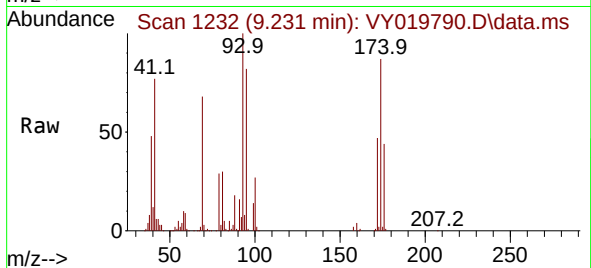
Tgt Ion: 88 Resp: 20163

Ion Ratio Lower Upper

88 100

43 33.0 0.0 0.0#

58 69.7 49.3 73.9



#50

Toluene-d8

Concen: 53.266 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY019790.D

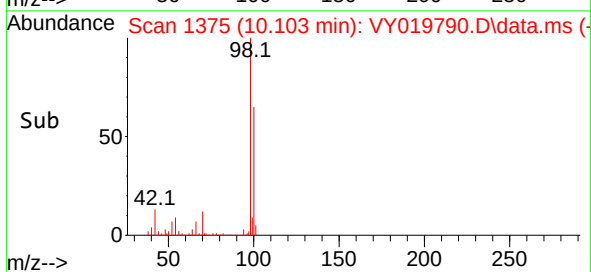
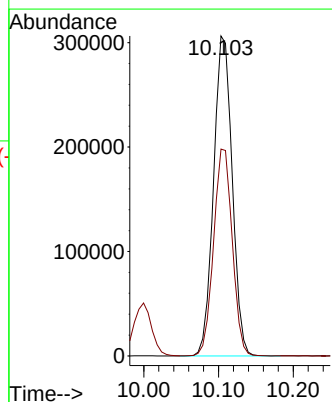
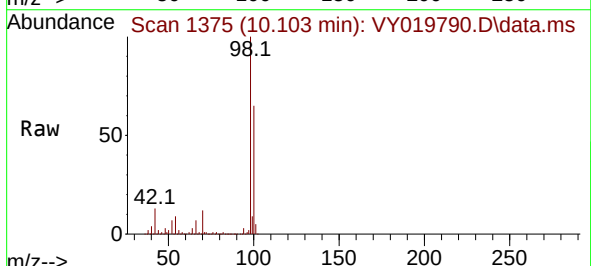
Acq: 03 Oct 2024 16:41

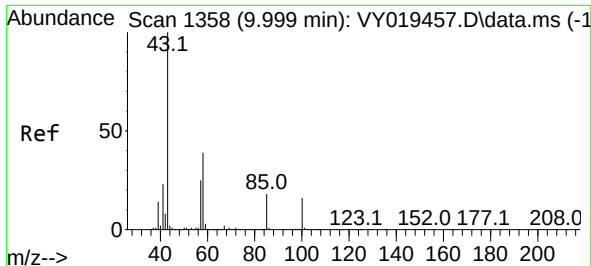
Tgt Ion: 98 Resp: 531126

Ion Ratio Lower Upper

98 100

100 64.8 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 274.158 ug/l

RT: 10.000 min Scan# 1358

Delta R.T. 0.000 min

Lab File: VY019790.D

Acq: 03 Oct 2024 16:41

Instrument :

MSVOA_Y

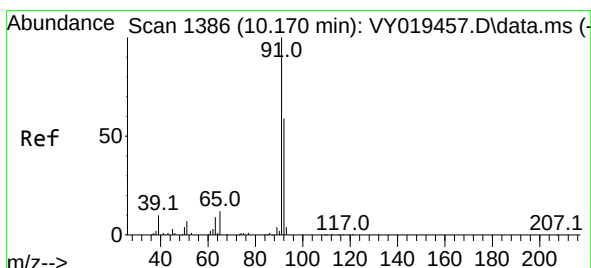
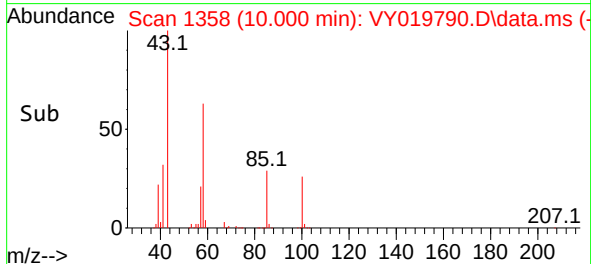
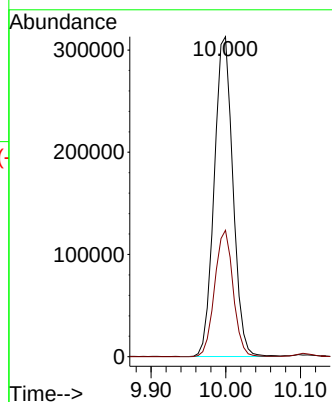
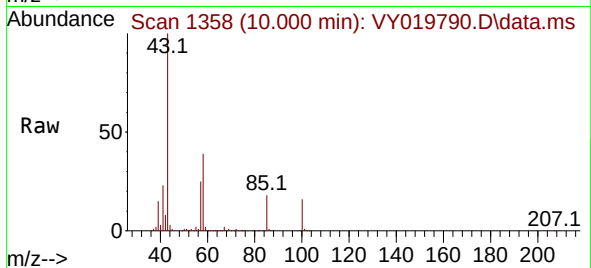
ClientSampleId :

Tgt Ion: 43 Resp: 544628

Ion Ratio Lower Upper

43 100

58 39.0 35.7 53.5



#52

Toluene

Concen: 57.287 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VY019790.D

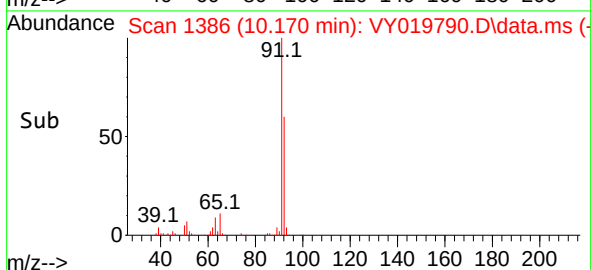
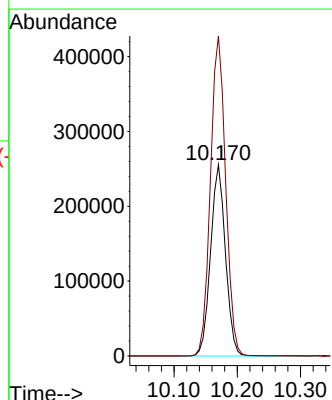
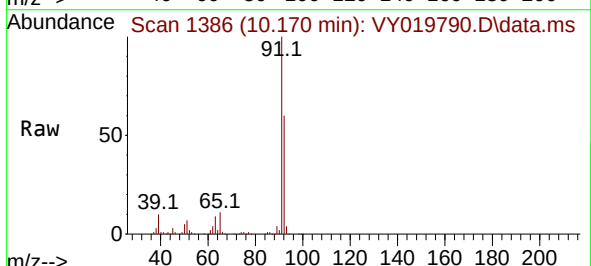
Acq: 03 Oct 2024 16:41

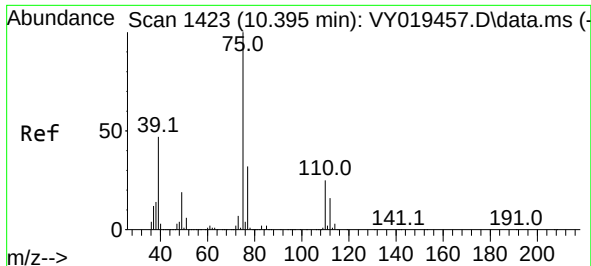
Tgt Ion: 92 Resp: 416270

Ion Ratio Lower Upper

92 100

91 171.7 139.0 208.6





#53

t-1,3-Dichloropropene

Concen: 57.969 ug/l

RT: 10.390 min Scan# 1423

Delta R.T. -0.006 min

Lab File: VY019790.D

Acq: 03 Oct 2024 16:41

Instrument :

MSVOA_Y

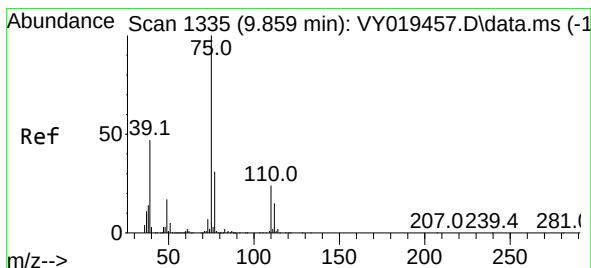
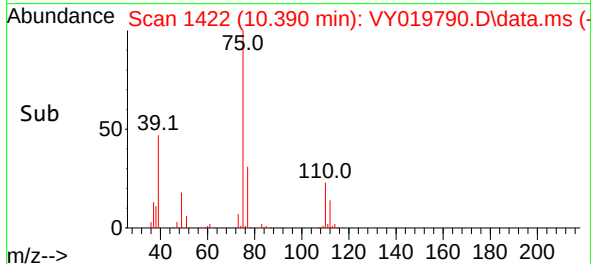
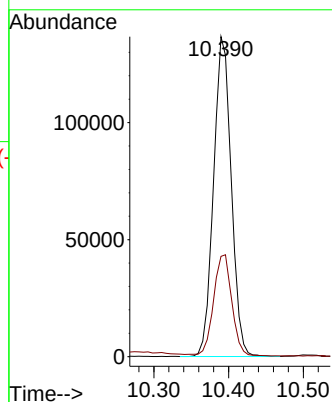
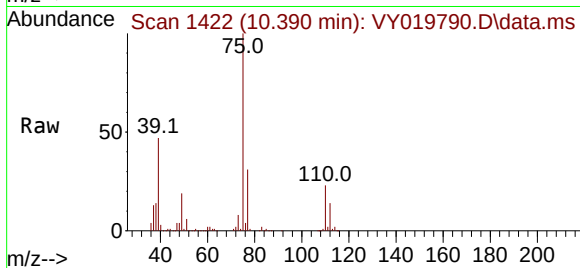
ClientSampleId :

Tgt Ion: 75 Resp: 224372

Ion Ratio Lower Upper

75 100

77 31.1 24.1 36.1



#54

cis-1,3-Dichloropropene

Concen: 55.539 ug/l

RT: 9.853 min Scan# 1334

Delta R.T. -0.006 min

Lab File: VY019790.D

Acq: 03 Oct 2024 16:41

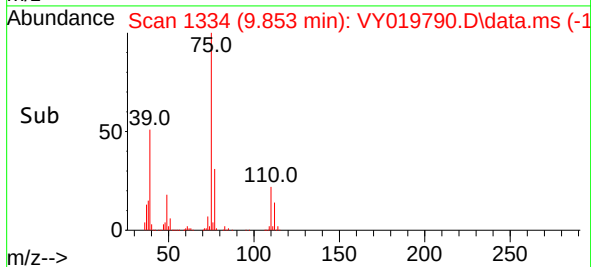
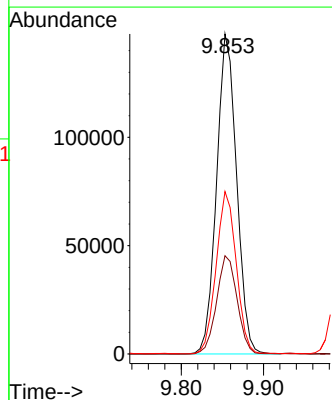
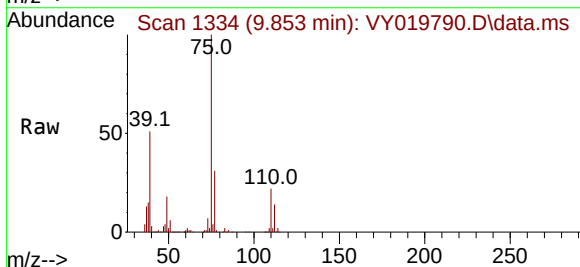
Tgt Ion: 75 Resp: 250308

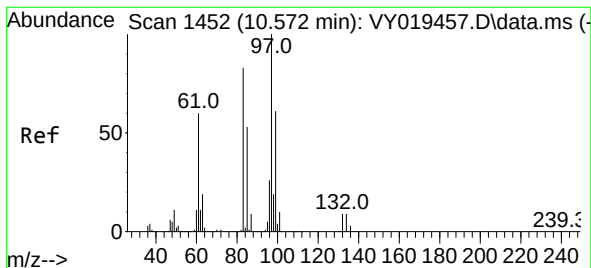
Ion Ratio Lower Upper

75 100

77 30.7 25.4 38.0

39 50.7 29.8 44.6#





#55

1,1,2-Trichloroethane

Concen: 57.914 ug/l

RT: 10.573 min Scan# 1452

Delta R.T. 0.000 min

Lab File: VY019790.D

Acq: 03 Oct 2024 16:41

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 120804

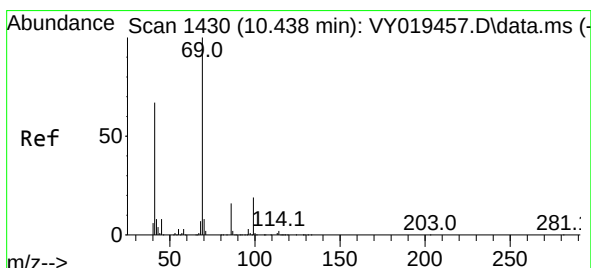
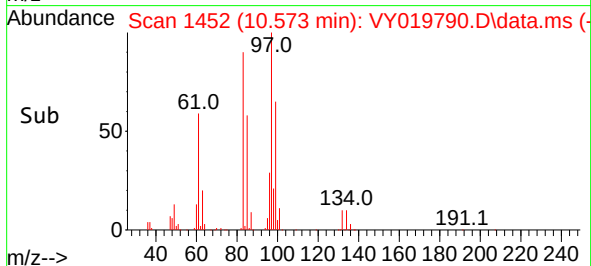
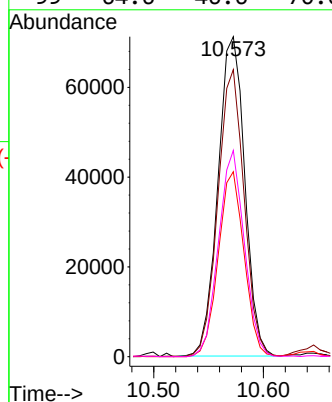
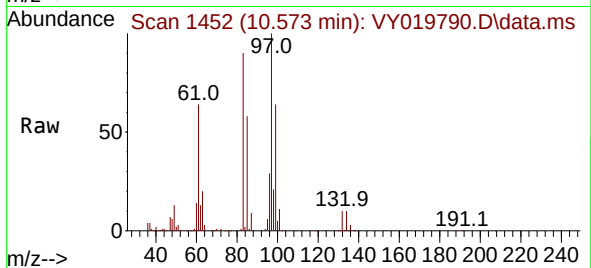
Ion Ratio Lower Upper

97 100

83 89.8 67.5 101.3

85 57.9 42.9 64.3

99 64.6 46.6 70.0



#56

Ethyl methacrylate

Concen: 57.056 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VY019790.D

Acq: 03 Oct 2024 16:41

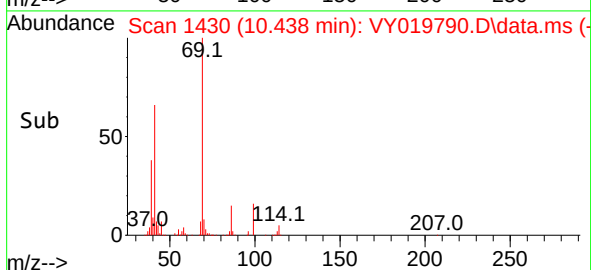
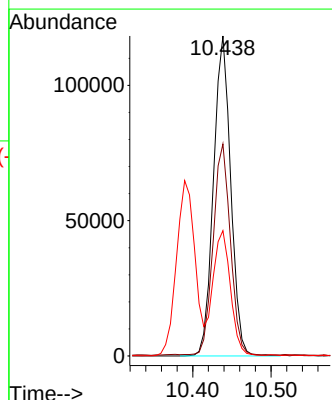
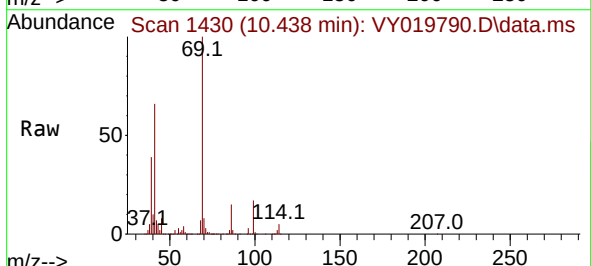
Tgt Ion: 69 Resp: 180791

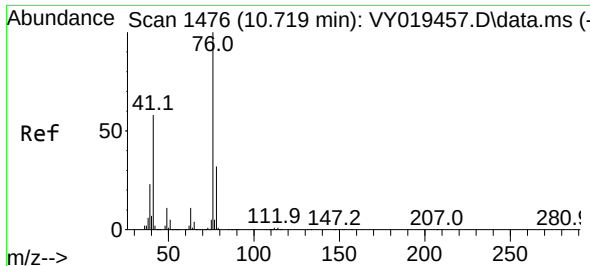
Ion Ratio Lower Upper

69 100

41 65.8 42.3 63.5#

39 39.7 22.9 34.3#





#57

1,3-Dichloropropane

Concen: 58.653 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY019790.D

Acq: 03 Oct 2024 16:41

Instrument :

MSVOA_Y

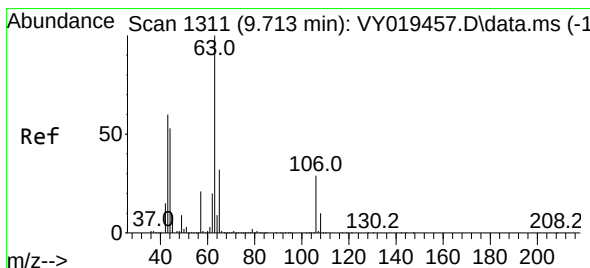
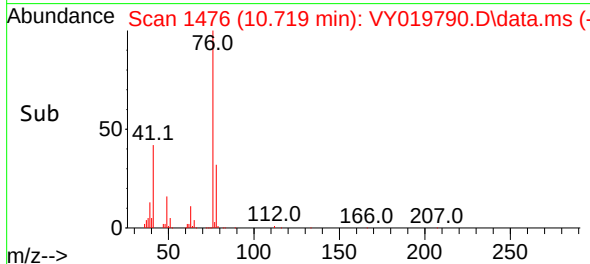
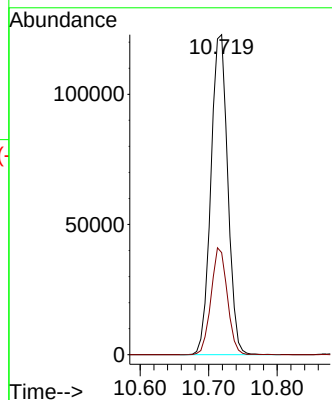
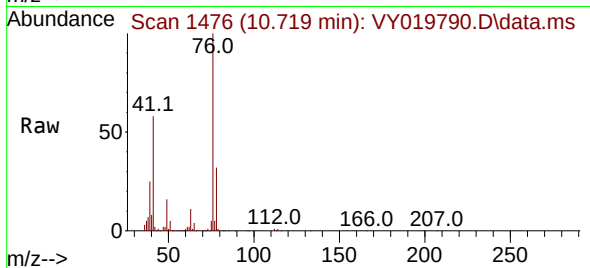
ClientSampleId :

Tgt Ion: 76 Resp: 210302

Ion Ratio Lower Upper

76 100

78 32.3 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 282.993 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. -0.006 min

Lab File: VY019790.D

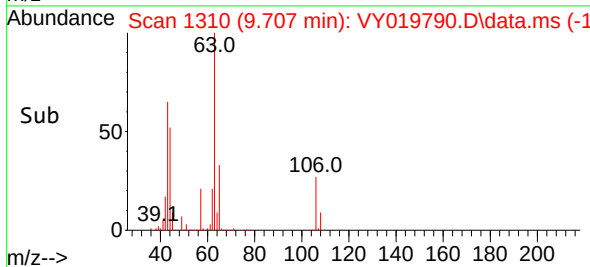
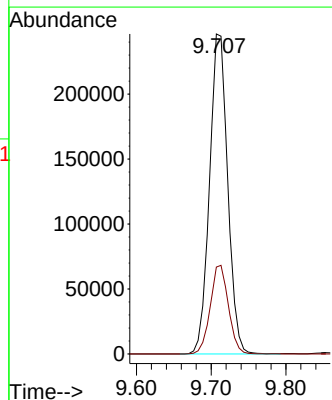
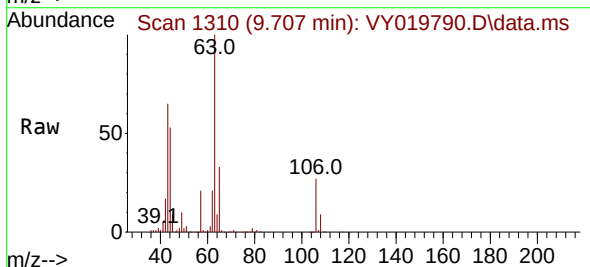
Acq: 03 Oct 2024 16:41

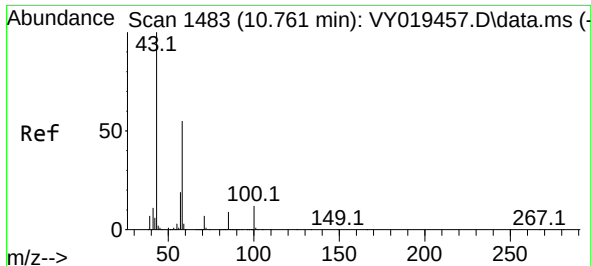
Tgt Ion: 63 Resp: 416186

Ion Ratio Lower Upper

63 100

106 27.7 23.7 35.5

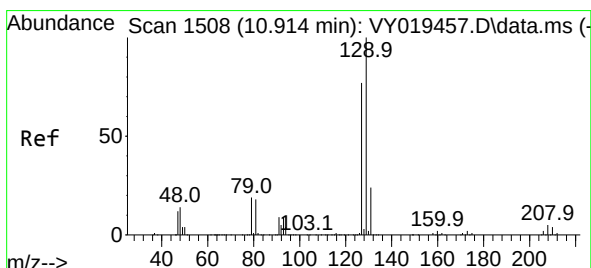
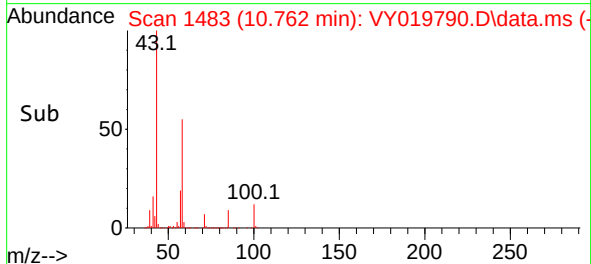
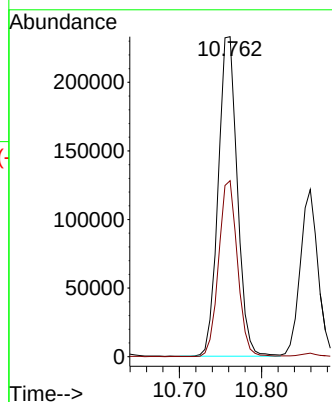
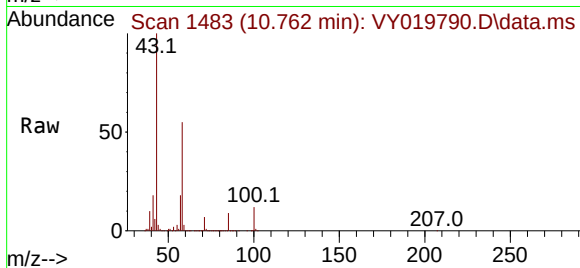




#59
2-Hexanone
Concen: 257.758 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY019790.D
Acq: 03 Oct 2024 16:41

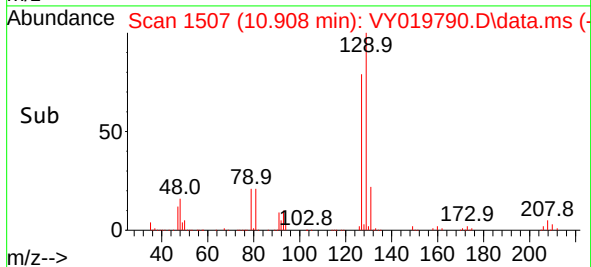
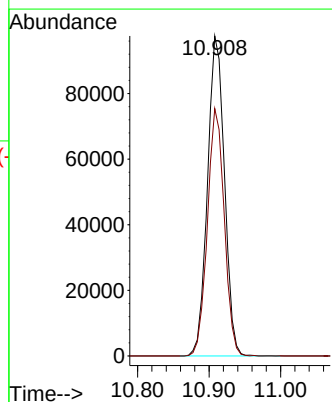
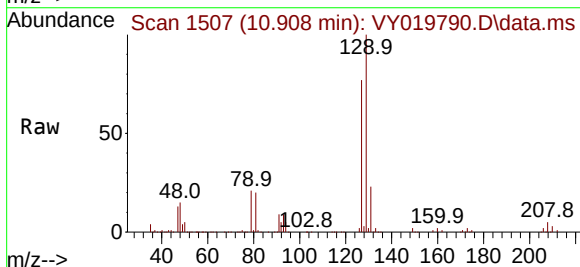
Instrument :
MSVOA_Y
ClientSampleId :

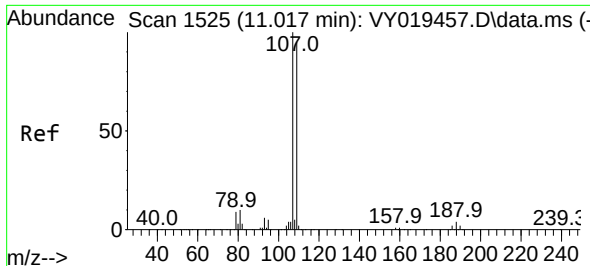
Tgt Ion: 43 Resp: 375399
Ion Ratio Lower Upper
43 100
58 54.3 31.4 94.0



#60
Dibromochloromethane
Concen: 58.253 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.006 min
Lab File: VY019790.D
Acq: 03 Oct 2024 16:41

Tgt Ion:129 Resp: 160739
Ion Ratio Lower Upper
129 100
127 76.8 39.0 117.0

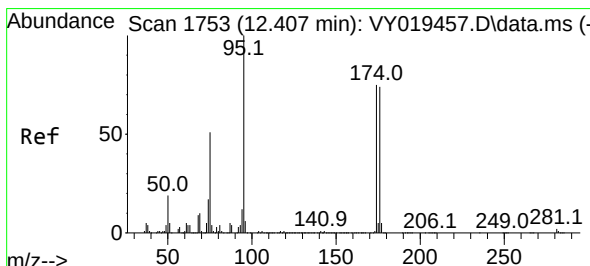
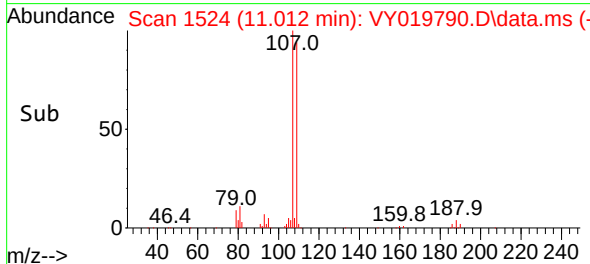
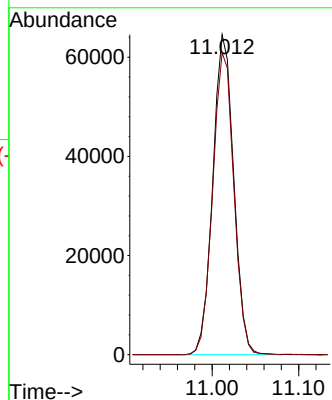
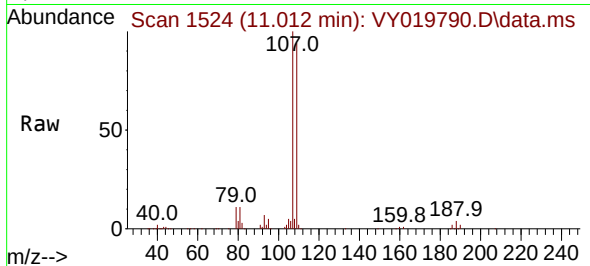




#61
1,2-Dibromoethane
Concen: 55.701 ug/l
RT: 11.012 min Scan# 1524
Delta R.T. -0.006 min
Lab File: VY019790.D
Acq: 03 Oct 2024 16:41

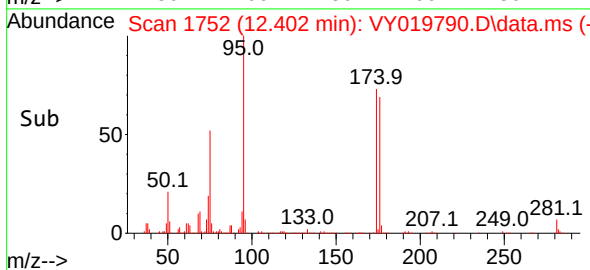
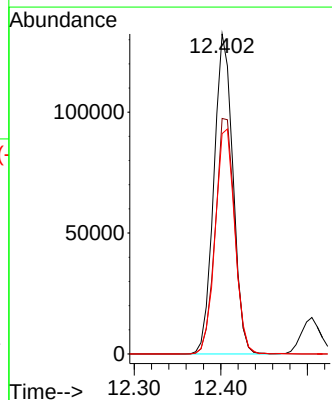
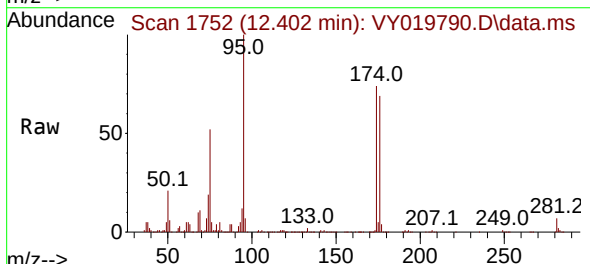
Instrument :
MSVOA_Y
ClientSampleId :

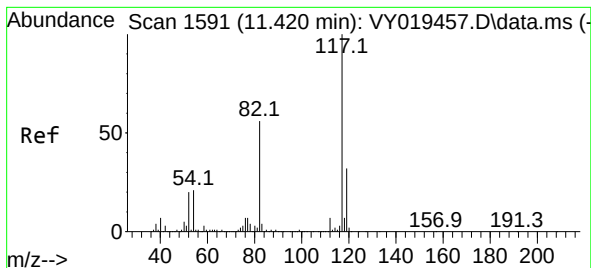
Tgt Ion:107 Resp: 108257
Ion Ratio Lower Upper
107 100
109 95.4 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 52.924 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY019790.D
Acq: 03 Oct 2024 16:41

Tgt Ion: 95 Resp: 202910
Ion Ratio Lower Upper
95 100
174 74.5 0.0 175.6
176 72.0 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

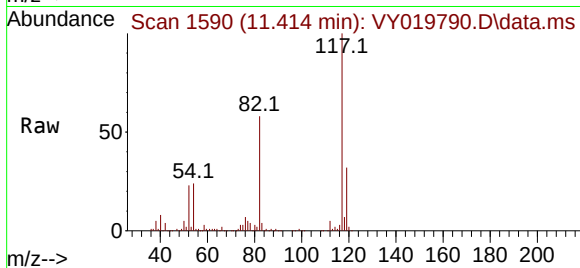
Lab File: VY019790.D

Acq: 03 Oct 2024 16:41

Instrument :

MSVOA_Y

ClientSampleId :



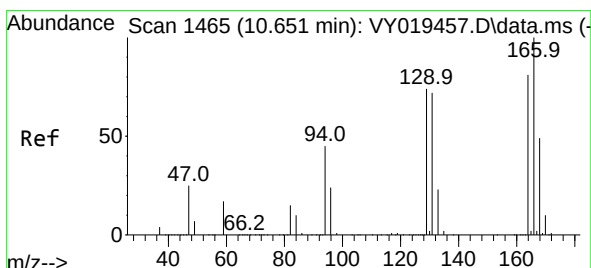
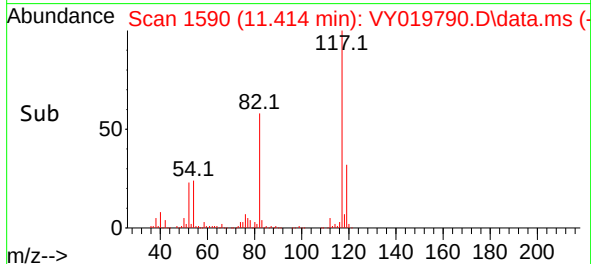
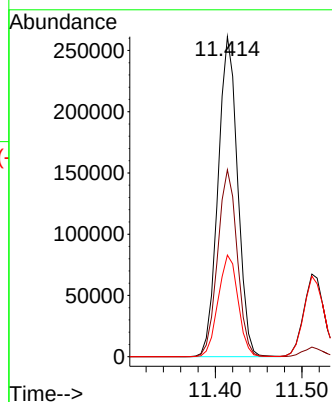
Tgt Ion:117 Resp: 410439

Ion Ratio Lower Upper

117 100

82 58.4 42.4 63.6

119 31.7 25.9 38.9



#64

Tetrachloroethene

Concen: 54.406 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VY019790.D

Acq: 03 Oct 2024 16:41

Tgt Ion:164 Resp: 138280

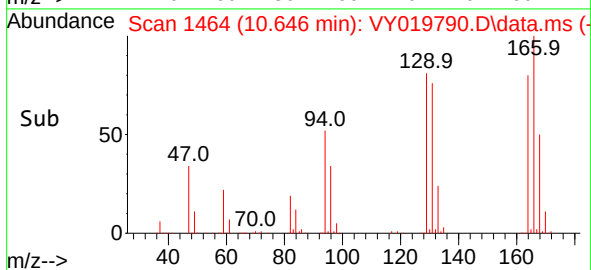
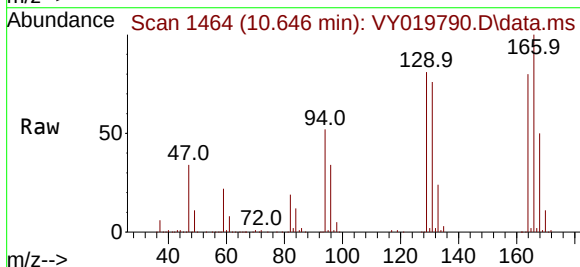
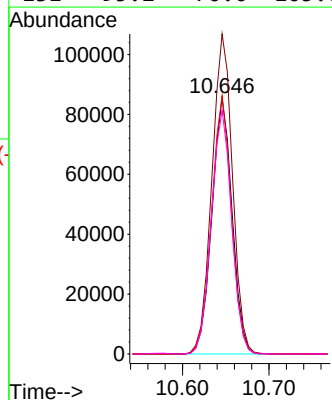
Ion Ratio Lower Upper

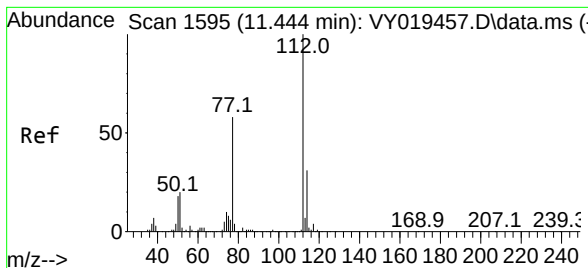
164 100

166 125.0 102.6 154.0

129 100.9 72.0 108.0

131 95.2 70.0 105.0

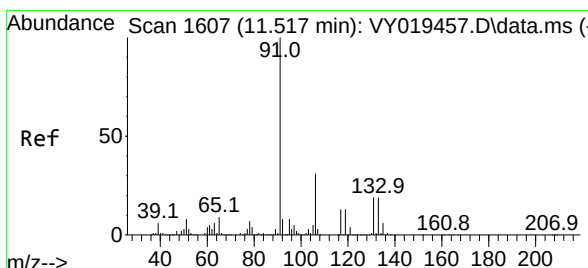
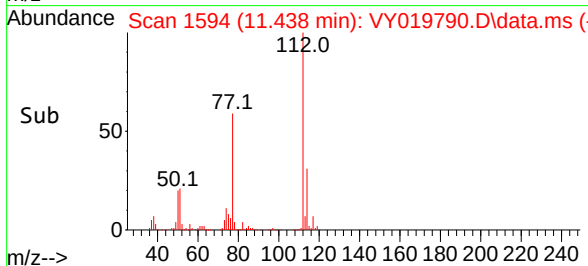
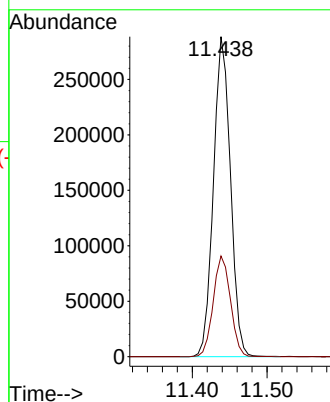
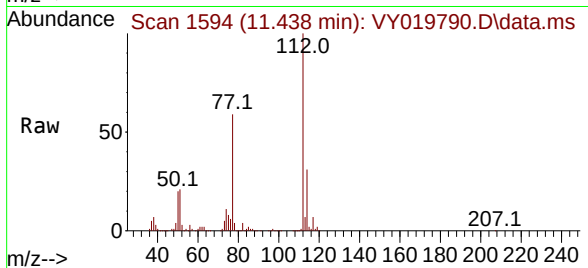




#65
Chlorobenzene
Concen: 56.684 ug/l
RT: 11.438 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019790.D
Acq: 03 Oct 2024 16:41

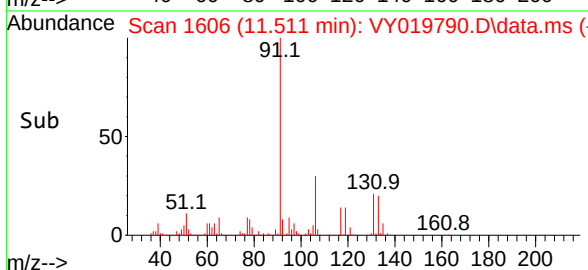
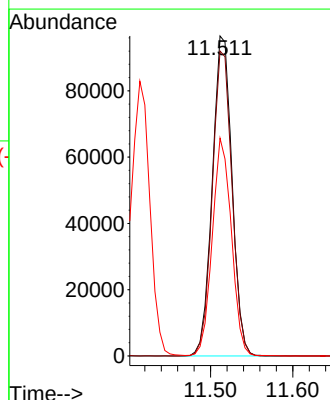
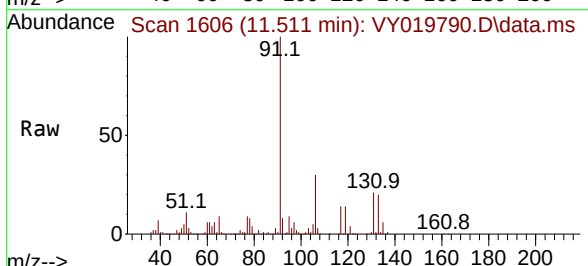
Instrument :
MSVOA_Y
ClientSampleId :

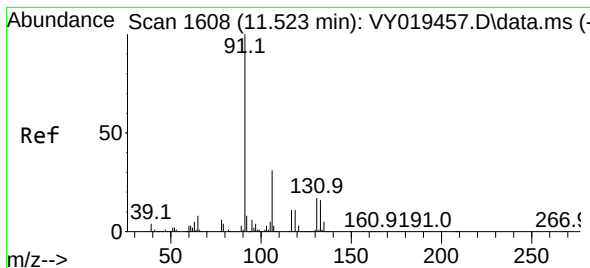
Tgt Ion:112 Resp: 457647
Ion Ratio Lower Upper
112 100
114 31.4 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 57.453 ug/l
RT: 11.511 min Scan# 1606
Delta R.T. -0.006 min
Lab File: VY019790.D
Acq: 03 Oct 2024 16:41

Tgt Ion:131 Resp: 160600
Ion Ratio Lower Upper
131 100
133 95.1 47.8 143.3
119 66.2 34.1 102.2





#67

Ethyl Benzene

Concen: 56.889 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. -0.006 min

Lab File: VY019790.D

Acq: 03 Oct 2024 16:41

Instrument :

MSVOA_Y

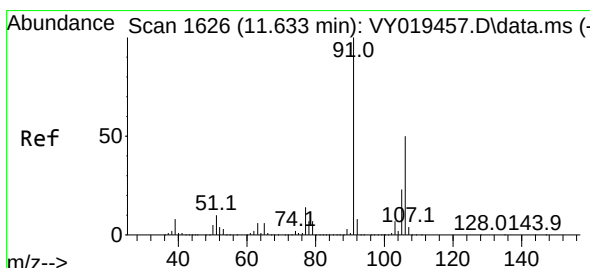
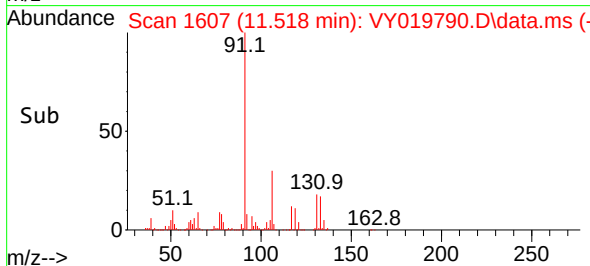
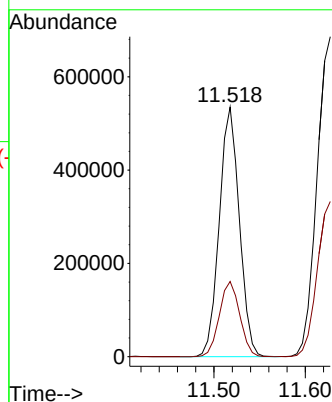
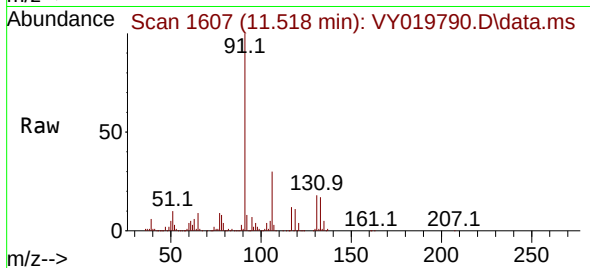
ClientSampleId :

Tgt Ion: 91 Resp: 816102

Ion Ratio Lower Upper

91 100

106 30.1 24.5 36.7



#68

m/p-Xylenes

Concen: 111.735 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY019790.D

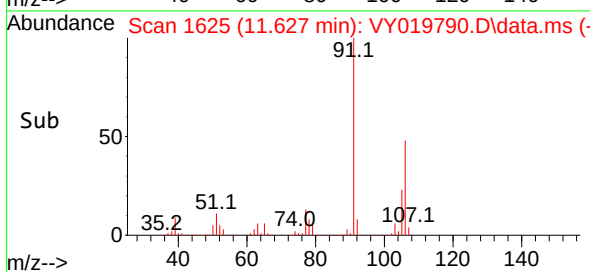
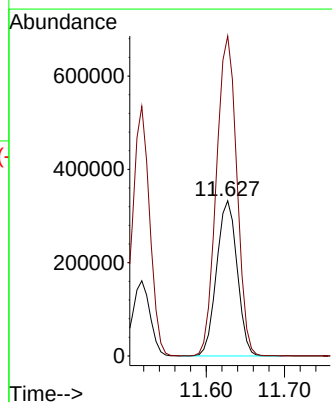
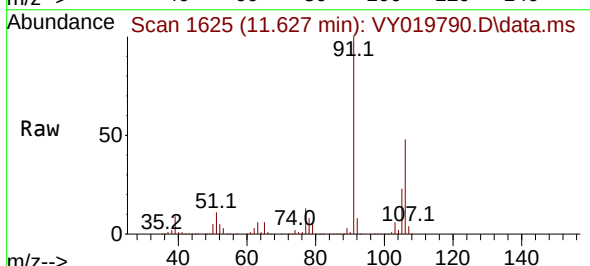
Acq: 03 Oct 2024 16:41

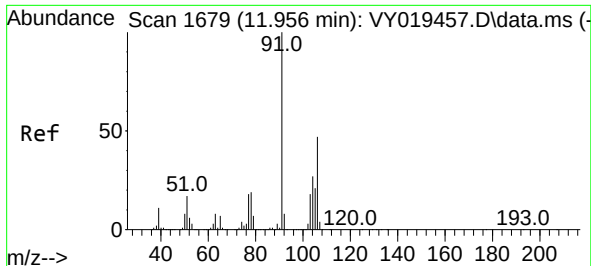
Tgt Ion:106 Resp: 606085

Ion Ratio Lower Upper

106 100

91 205.5 156.0 234.0

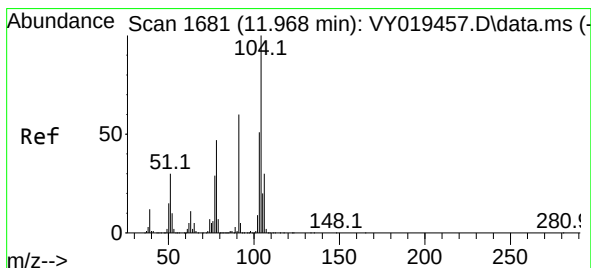
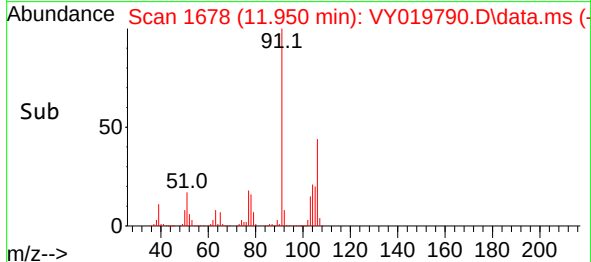
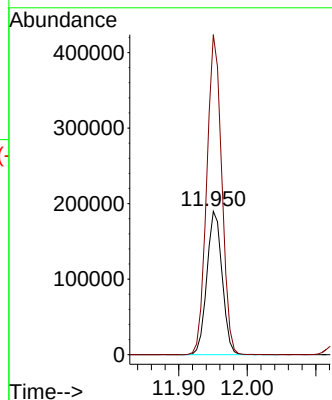
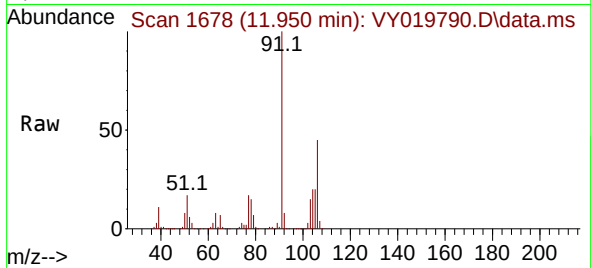




#69
o-Xylene
Concen: 55.518 ug/l
RT: 11.950 min Scan# 1195
Delta R.T. -0.006 min
Lab File: VY019790.D
Acq: 03 Oct 2024 16:41

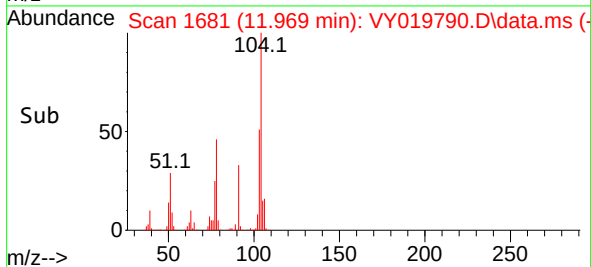
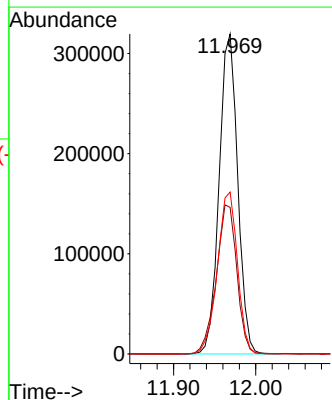
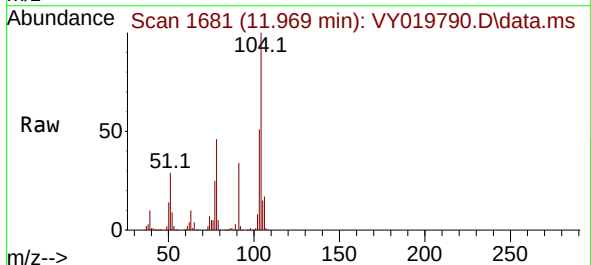
Instrument :
MSVOA_Y
ClientSampleId :

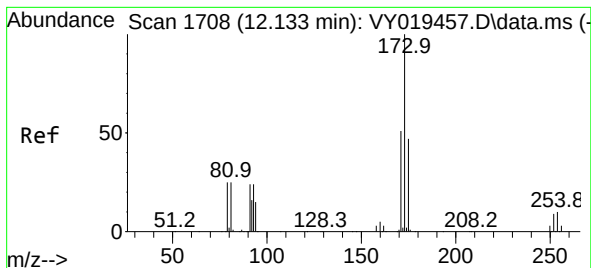
Tgt Ion:106 Resp: 294513
Ion Ratio Lower Upper
106 100
91 219.4 103.6 310.8



#70
Styrene
Concen: 55.915 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY019790.D
Acq: 03 Oct 2024 16:41

Tgt Ion:104 Resp: 500800
Ion Ratio Lower Upper
104 100
78 51.7 37.0 55.4
103 54.8 44.2 66.2





#71

Bromoform

Concen: 53.427 ug/l

RT: 12.127 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY019790.D

Acq: 03 Oct 2024 16:41

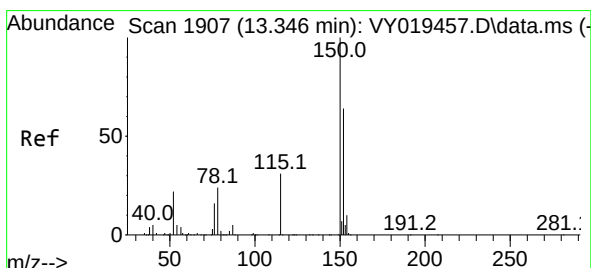
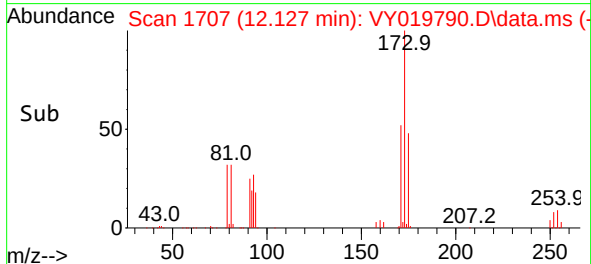
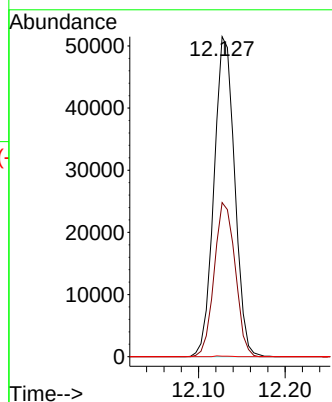
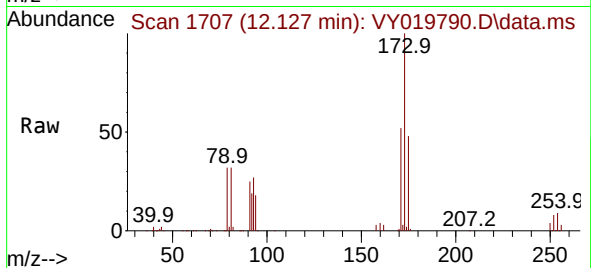
Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:173 Resp: 85302

Ion	Ratio	Lower	Upper
173	100		
175	48.8	25.1	75.3
254	0.1	0.0	0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

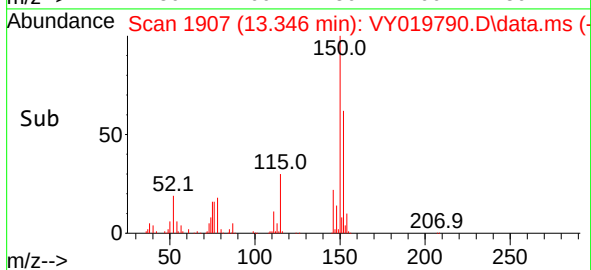
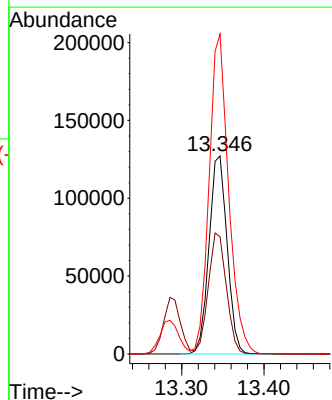
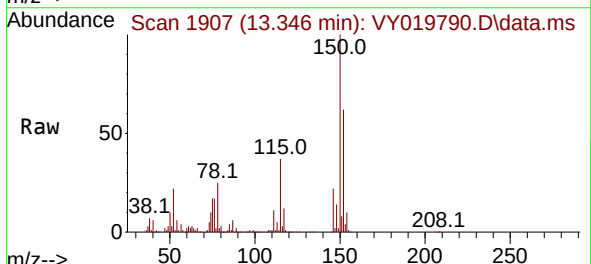
Delta R.T. 0.000 min

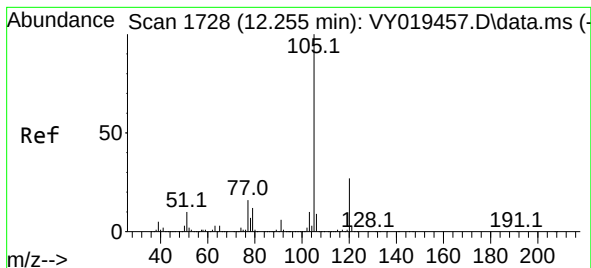
Lab File: VY019790.D

Acq: 03 Oct 2024 16:41

Tgt Ion:152 Resp: 194768

Ion	Ratio	Lower	Upper
152	100		
115	60.9	28.2	84.7
150	173.5	0.0	345.6





#73

Isopropylbenzene

Concen: 55.428 ug/l

RT: 12.249 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY019790.D

Acq: 03 Oct 2024 16:41

Instrument :

MSVOA_Y

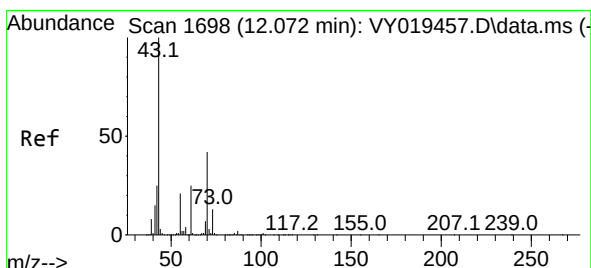
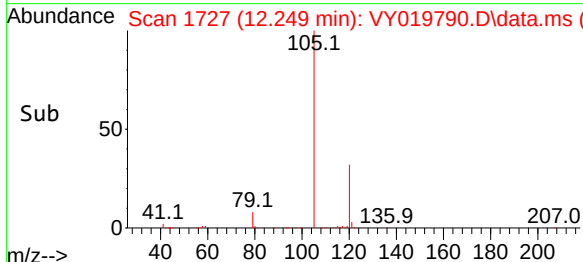
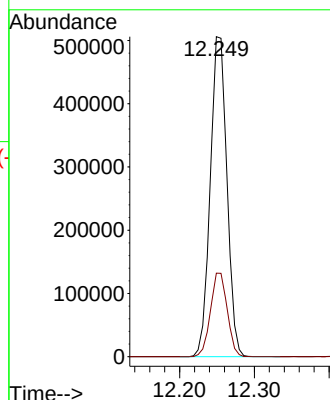
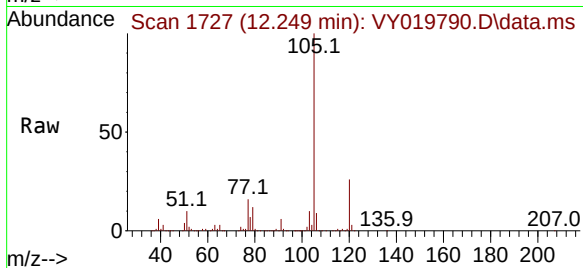
ClientSampleId :

Tgt Ion:105 Resp: 783189

Ion Ratio Lower Upper

105 100

120 26.2 13.4 40.1



#74

N-ethyl acetate

Concen: 52.103 ug/l

RT: 12.066 min Scan# 1697

Delta R.T. -0.006 min

Lab File: VY019790.D

Acq: 03 Oct 2024 16:41

Tgt Ion: 43 Resp: 200221

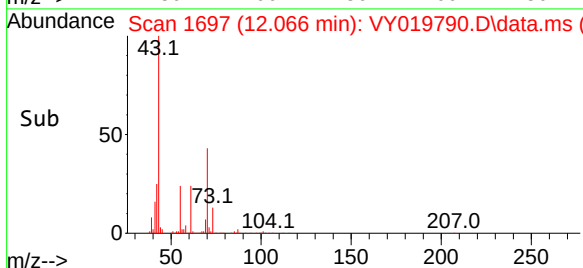
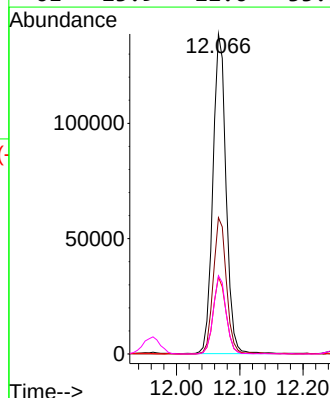
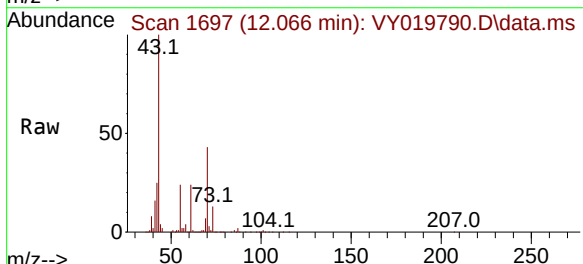
Ion Ratio Lower Upper

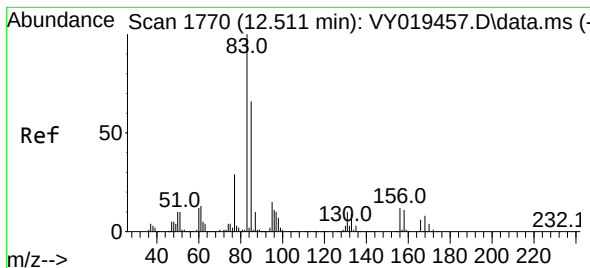
43 100

70 42.8 41.4 62.2

55 23.7 23.3 34.9

61 23.9 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 55.656 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. -0.006 min

Lab File: VY019790.D

Acq: 03 Oct 2024 16:41

Instrument :

MSVOA_Y

ClientSampleId :

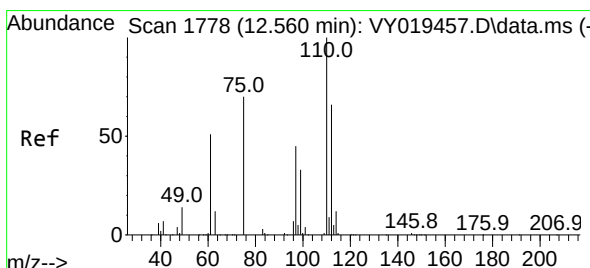
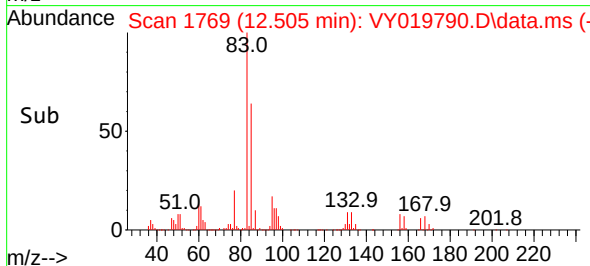
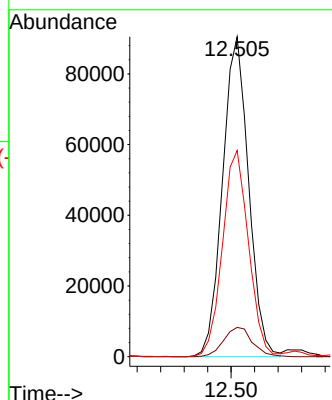
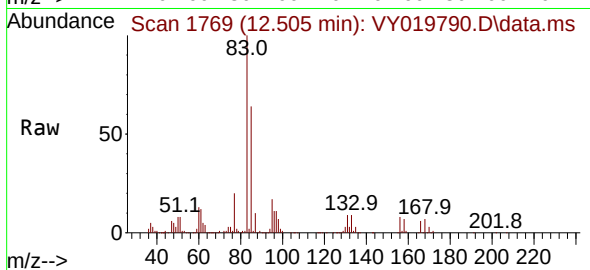
Tgt Ion: 83 Resp: 139583

Ion Ratio Lower Upper

83 100

131 10.1 5.0 14.9

85 64.4 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 99.970 ug/l

RT: 12.554 min Scan# 1777

Delta R.T. -0.006 min

Lab File: VY019790.D

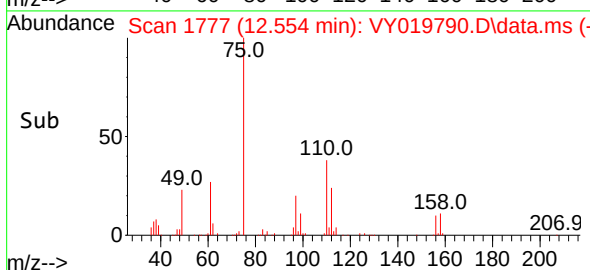
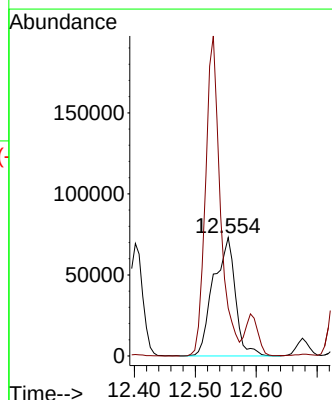
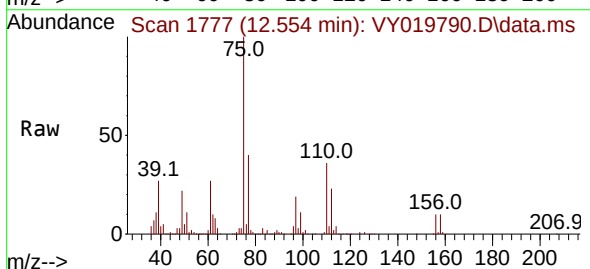
Acq: 03 Oct 2024 16:41

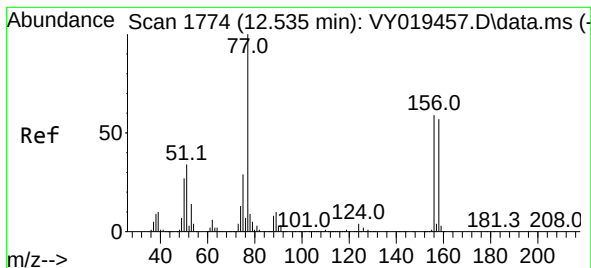
Tgt Ion: 75 Resp: 182499

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 54.955 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. -0.006 min

Lab File: VY019790.D

Acq: 03 Oct 2024 16:41

Instrument :

MSVOA_Y

ClientSampleId :

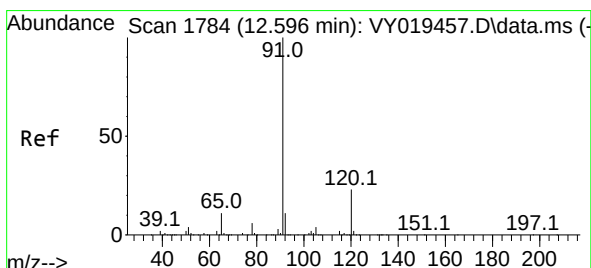
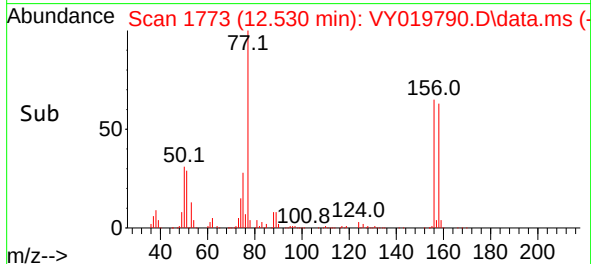
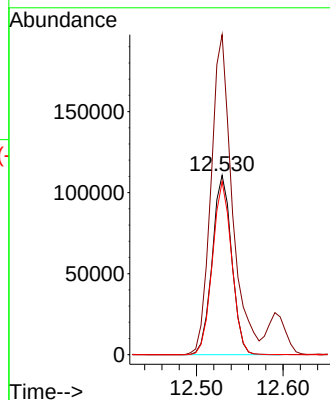
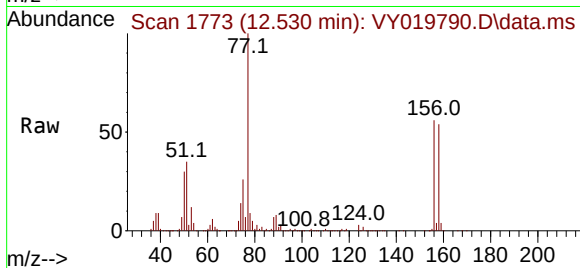
Tgt Ion:156 Resp: 172216

Ion Ratio Lower Upper

156 100

77 194.9 87.1 261.3

158 95.8 48.6 145.9



#78

n-propylbenzene

Concen: 55.344 ug/l

RT: 12.591 min Scan# 1783

Delta R.T. -0.006 min

Lab File: VY019790.D

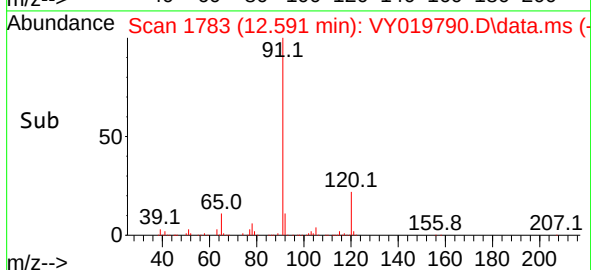
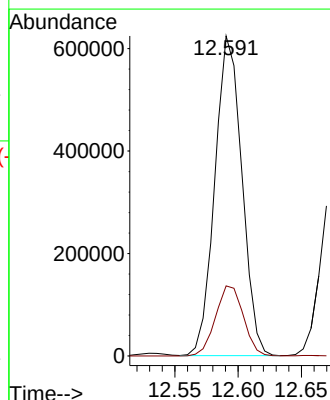
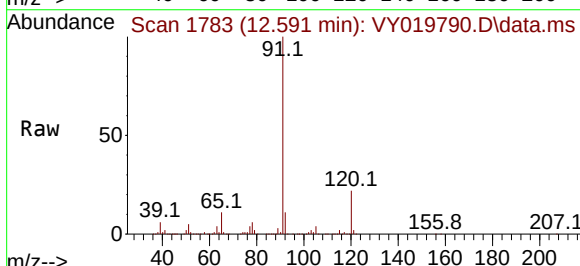
Acq: 03 Oct 2024 16:41

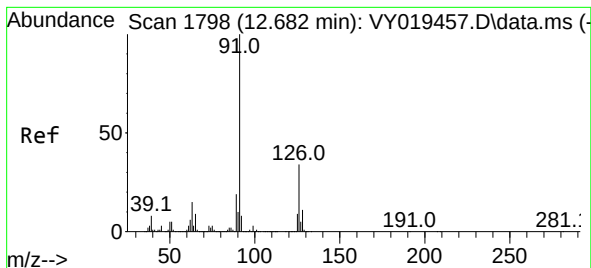
Tgt Ion: 91 Resp: 926887

Ion Ratio Lower Upper

91 100

120 22.6 11.5 34.4

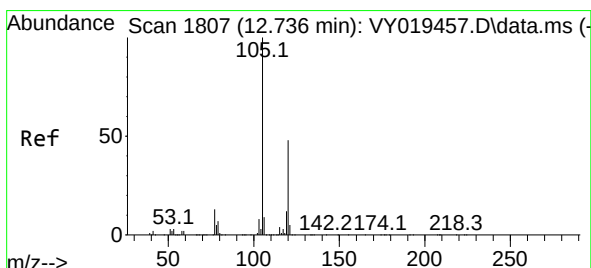
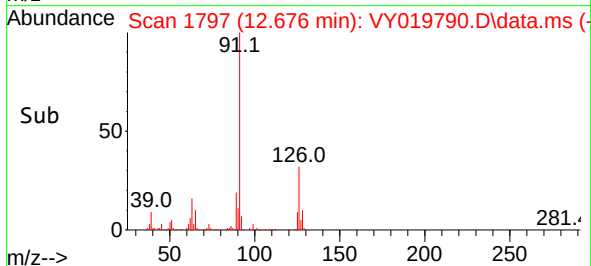
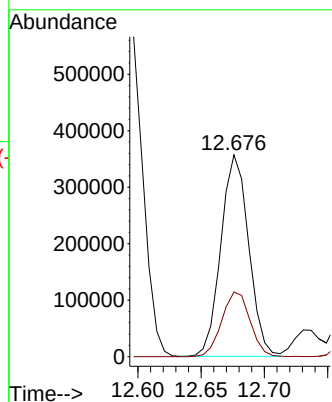
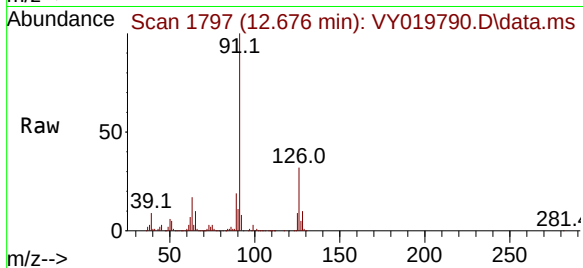




#79
2-Chlorotoluene
Concen: 55.935 ug/l
RT: 12.676 min Scan# 1797
Delta R.T. -0.006 min
Lab File: VY019790.D
Acq: 03 Oct 2024 16:41

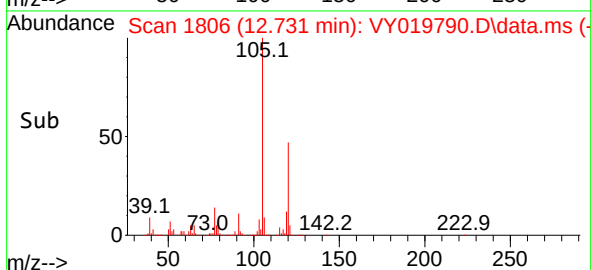
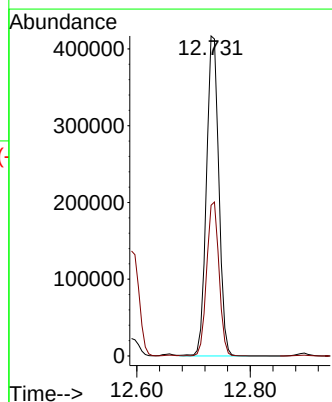
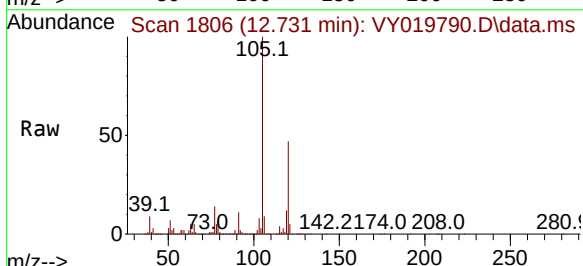
Instrument :
MSVOA_Y
ClientSampleId :

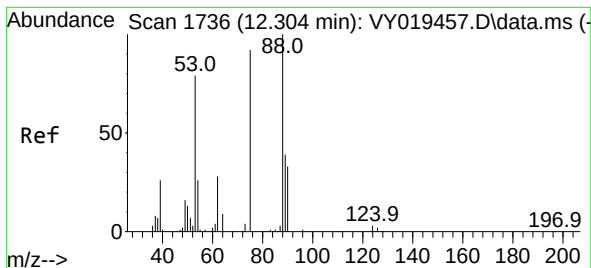
Tgt Ion: 91 Resp: 545935
Ion Ratio Lower Upper
91 100
126 32.7 17.8 53.5



#80
1,3,5-Trimethylbenzene
Concen: 54.884 ug/l
RT: 12.731 min Scan# 1806
Delta R.T. -0.006 min
Lab File: VY019790.D
Acq: 03 Oct 2024 16:41

Tgt Ion: 105 Resp: 630450
Ion Ratio Lower Upper
105 100
120 48.0 25.1 75.2

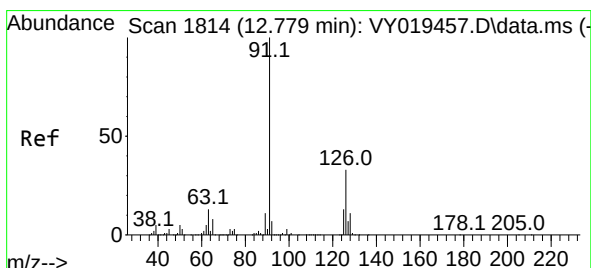
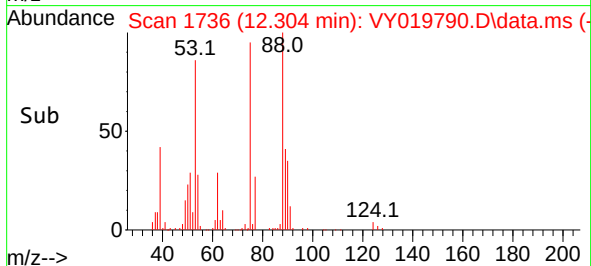
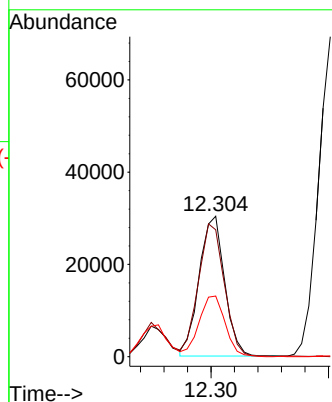
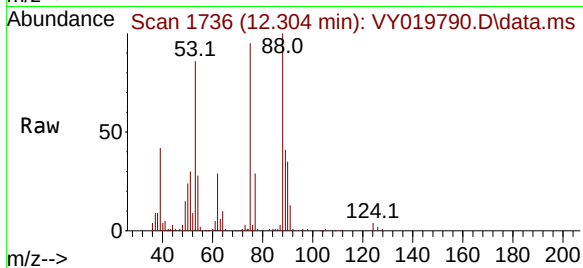




#81
trans-1,4-Dichloro-2-butene
Concen: 47.988 ug/l
RT: 12.304 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019790.D
Acq: 03 Oct 2024 16:41

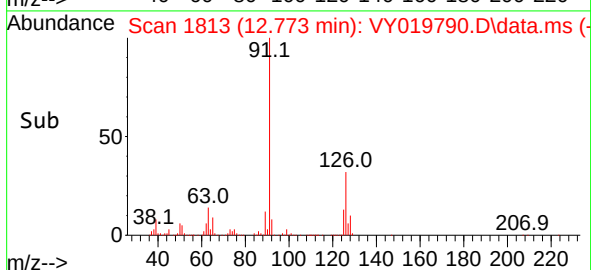
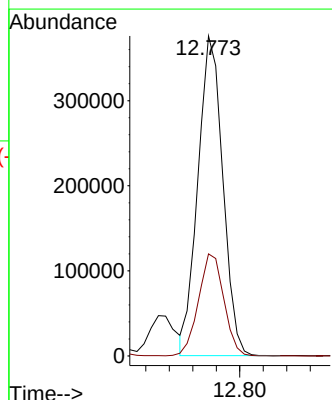
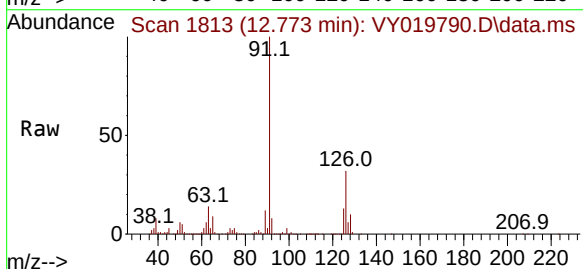
Instrument :
MSVOA_Y
ClientSampleId :

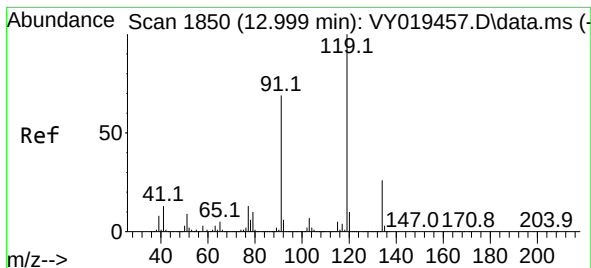
Tgt Ion: 75 Resp: 45634
Ion Ratio Lower Upper
75 100
53 96.4 66.8 100.2
89 44.8 35.8 53.6



#82
4-Chlorotoluene
Concen: 55.153 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. -0.006 min
Lab File: VY019790.D
Acq: 03 Oct 2024 16:41

Tgt Ion: 91 Resp: 553416
Ion Ratio Lower Upper
91 100
126 32.5 17.6 52.9





#83

tert-Butylbenzene

Concen: 54.202 ug/l

RT: 12.993 min Scan# 1849

Delta R.T. -0.006 min

Lab File: VY019790.D

Acq: 03 Oct 2024 16:41

Instrument :

MSVOA_Y

ClientSampleId :

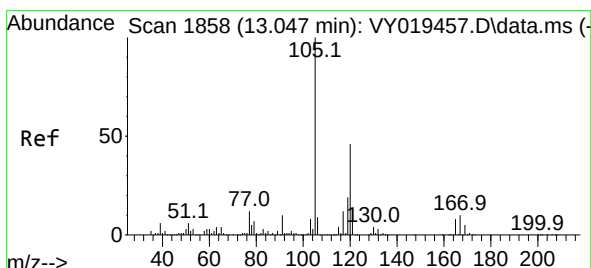
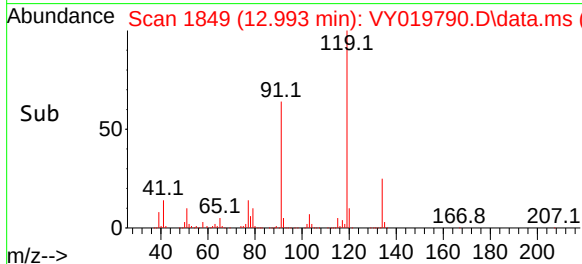
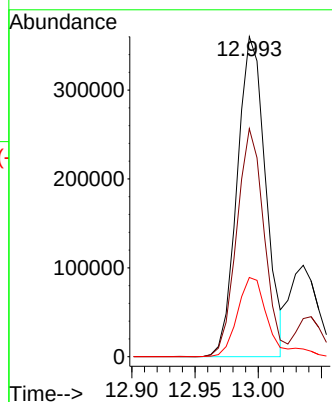
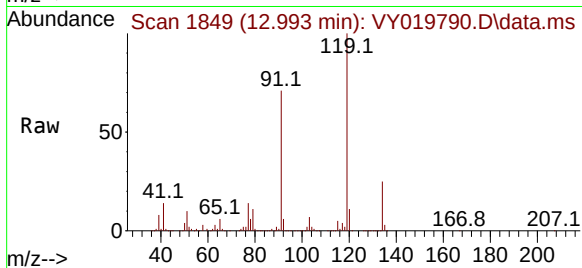
Tgt Ion:119 Resp: 563648

Ion Ratio Lower Upper

119 100

91 69.1 31.3 93.8

134 27.0 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 55.438 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. -0.006 min

Lab File: VY019790.D

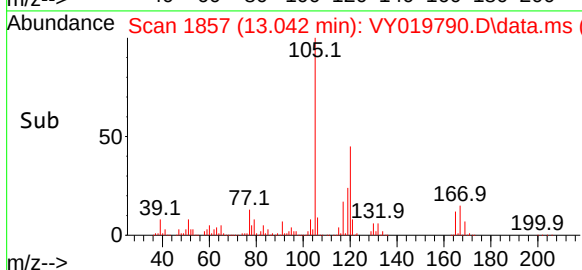
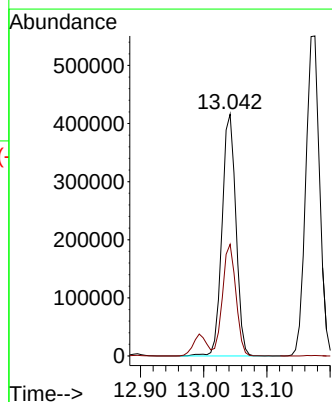
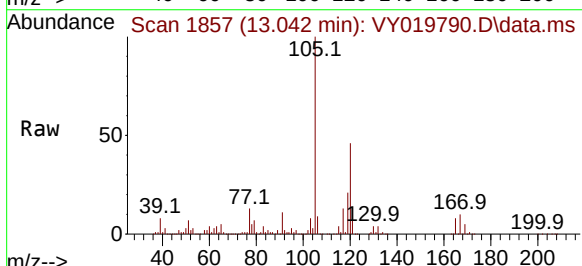
Acq: 03 Oct 2024 16:41

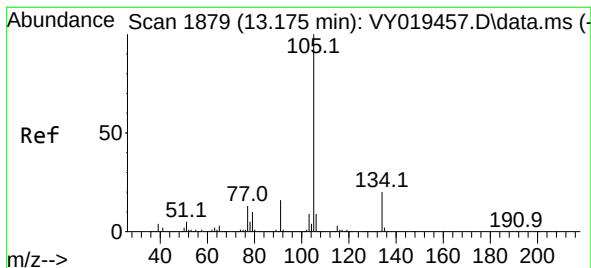
Tgt Ion:105 Resp: 630355

Ion Ratio Lower Upper

105 100

120 44.9 23.2 69.6





#85

sec-Butylbenzene

Concen: 55.118 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY019790.D

Acq: 03 Oct 2024 16:41

Instrument :

MSVOA_Y

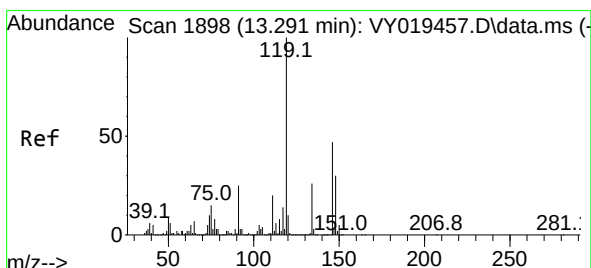
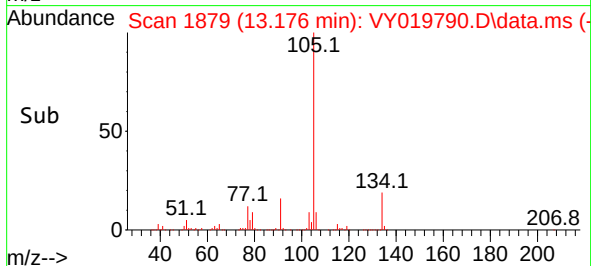
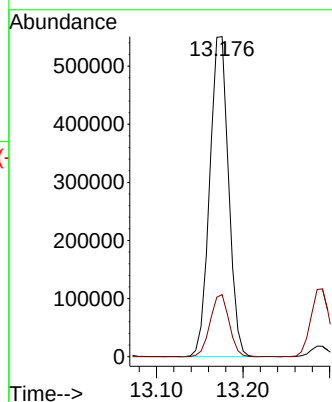
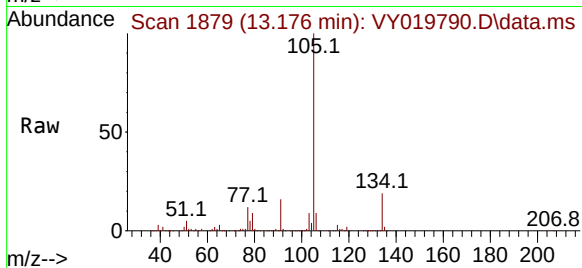
ClientSampleId :

Tgt Ion:105 Resp: 832662

Ion Ratio Lower Upper

105 100

134 19.5 10.1 30.1



#86

p-Isopropyltoluene

Concen: 54.869 ug/l

RT: 13.286 min Scan# 1897

Delta R.T. -0.006 min

Lab File: VY019790.D

Acq: 03 Oct 2024 16:41

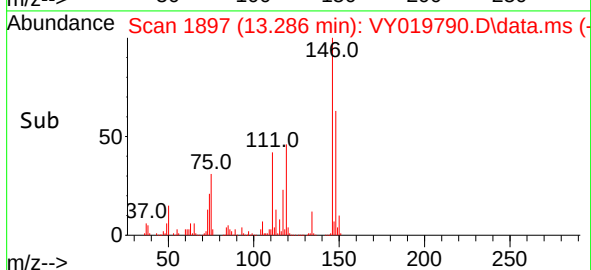
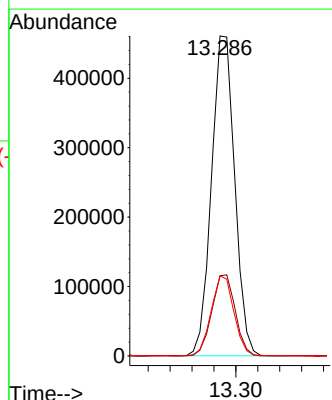
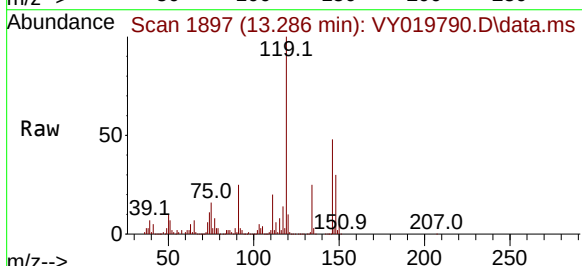
Tgt Ion:119 Resp: 678179

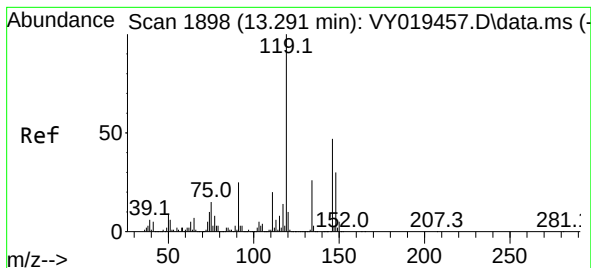
Ion Ratio Lower Upper

119 100

134 25.5 13.1 39.3

91 24.8 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 54.825 ug/l

RT: 13.286 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY019790.D

Acq: 03 Oct 2024 16:41

Instrument :

MSVOA_Y

ClientSampleId :

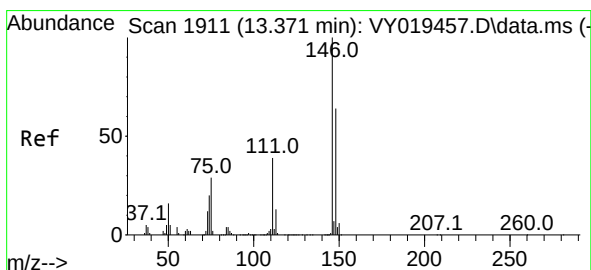
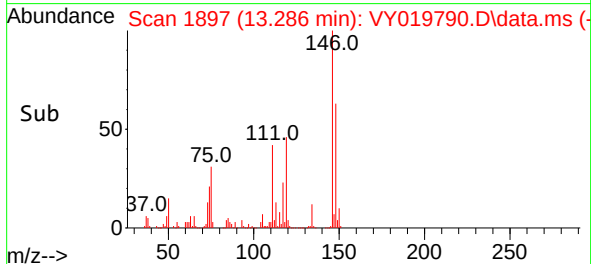
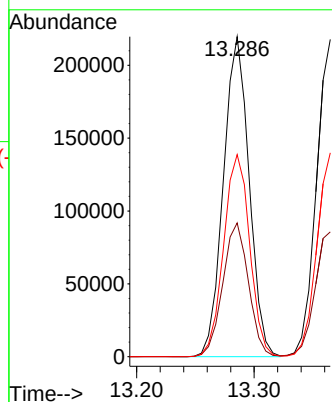
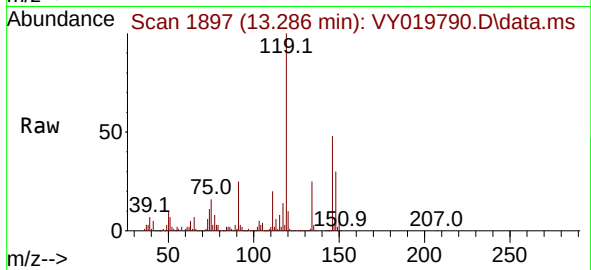
Tgt Ion:146 Resp: 333849

Ion Ratio Lower Upper

146 100

111 41.8 19.0 57.0

148 64.1 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 54.065 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.006 min

Lab File: VY019790.D

Acq: 03 Oct 2024 16:41

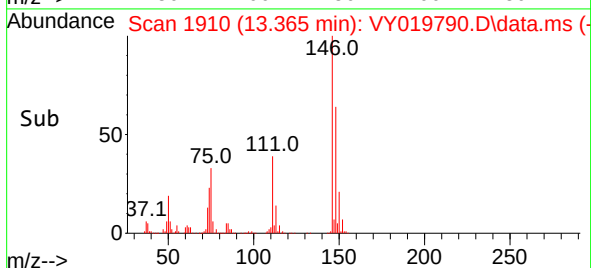
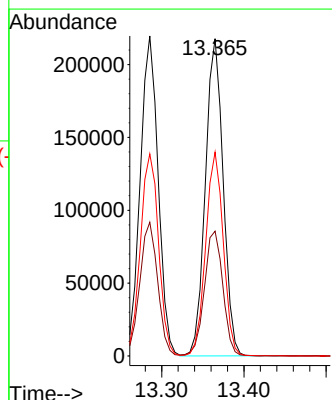
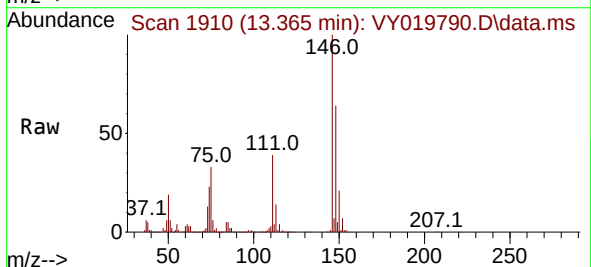
Tgt Ion:146 Resp: 326730

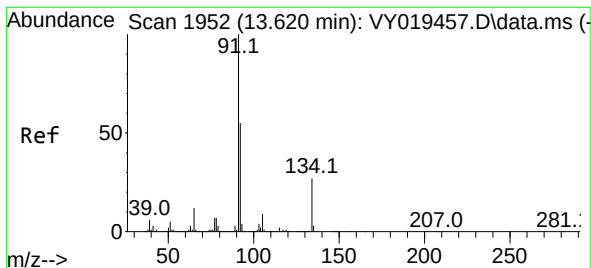
Ion Ratio Lower Upper

146 100

111 40.8 18.4 55.4

148 63.7 32.4 97.2





#89

n-Butylbenzene

Concen: 54.068 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. -0.006 min

Lab File: VY019790.D

Acq: 03 Oct 2024 16:41

Instrument :

MSVOA_Y

ClientSampleId :

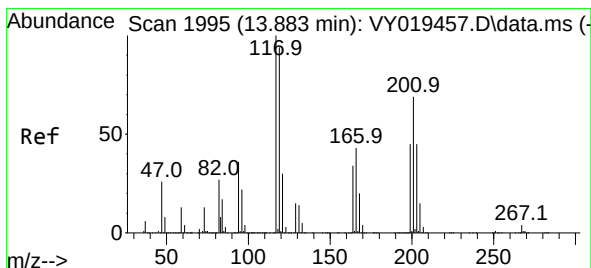
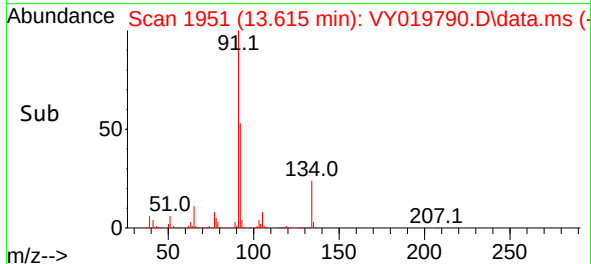
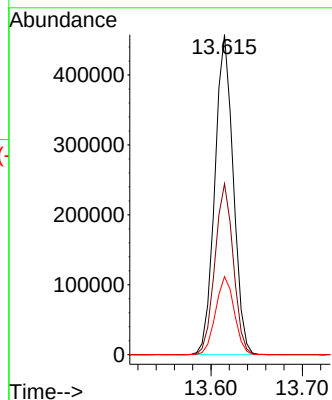
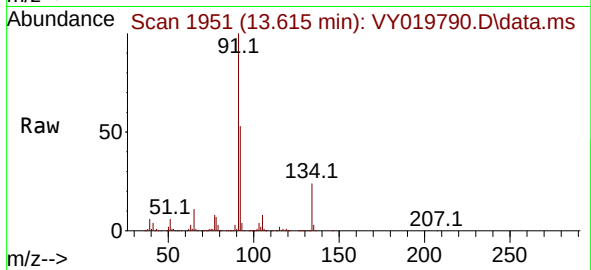
Tgt Ion: 91 Resp: 638868

Ion Ratio Lower Upper

91 100

92 53.5 26.6 79.7

134 24.8 12.9 38.7



#90

Hexachloroethane

Concen: 54.219 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. -0.006 min

Lab File: VY019790.D

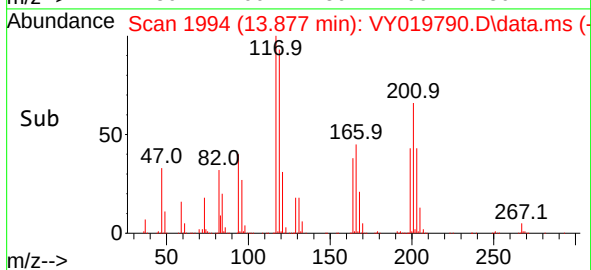
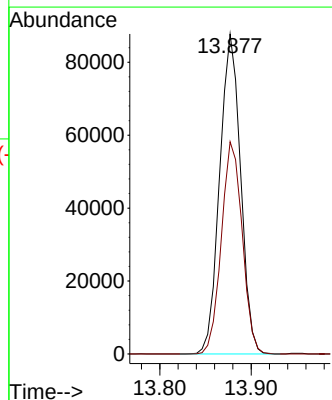
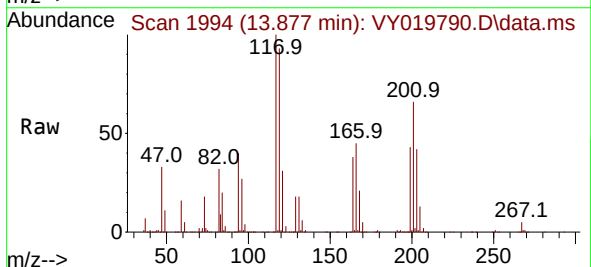
Acq: 03 Oct 2024 16:41

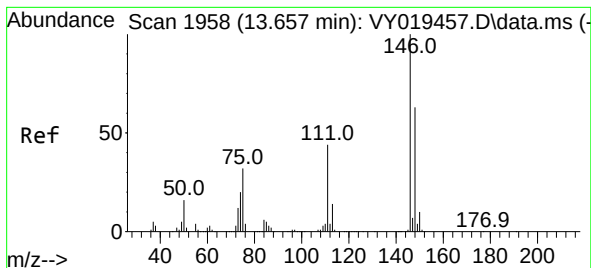
Tgt Ion: 117 Resp: 139439

Ion Ratio Lower Upper

117 100

201 66.2 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 55.017 ug/l

RT: 13.657 min Scan# 1958

Delta R.T. 0.000 min

Lab File: VY019790.D

Acq: 03 Oct 2024 16:41

Instrument :

MSVOA_Y

ClientSampleId :

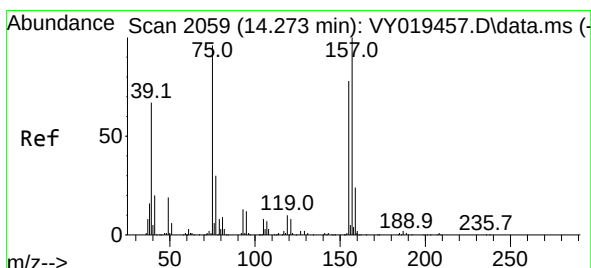
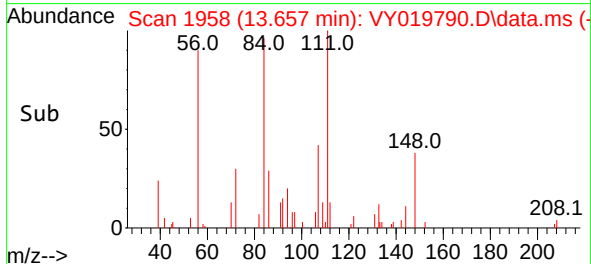
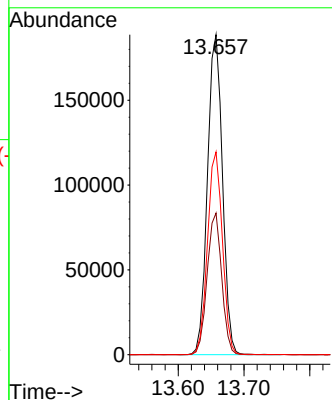
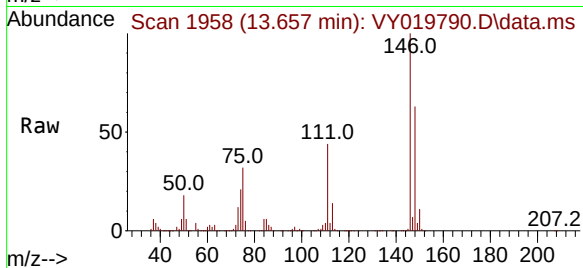
Tgt Ion:146 Resp: 298959

Ion Ratio Lower Upper

146 100

111 43.1 19.9 59.7

148 63.1 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 50.112 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. 0.000 min

Lab File: VY019790.D

Acq: 03 Oct 2024 16:41

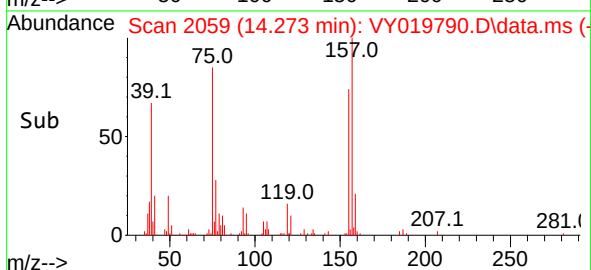
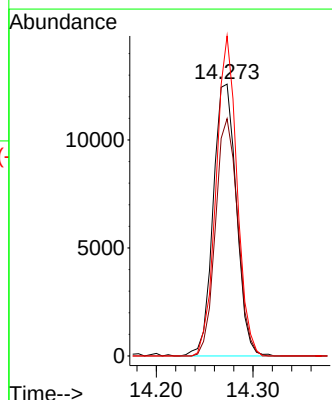
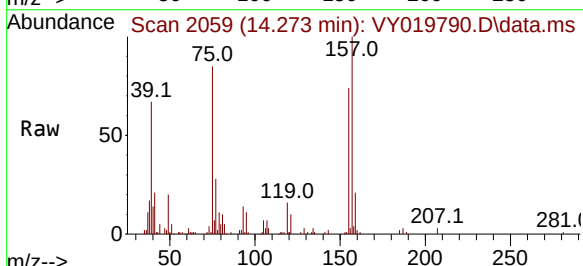
Tgt Ion: 75 Resp: 20946

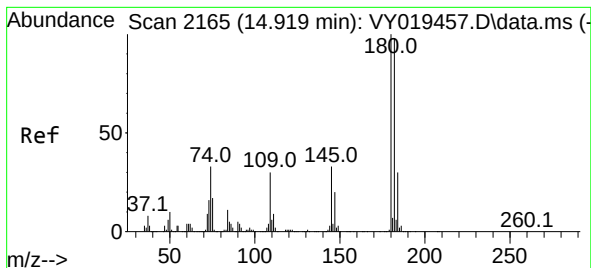
Ion Ratio Lower Upper

75 100

155 83.5 48.6 145.8

157 106.0 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 49.259 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY019790.D

Acq: 03 Oct 2024 16:41

Instrument :

MSVOA_Y

ClientSampleId :

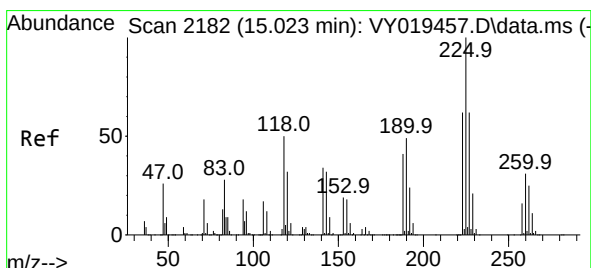
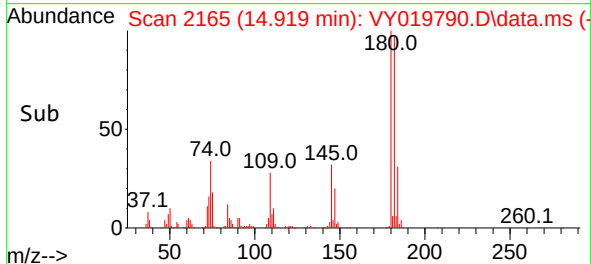
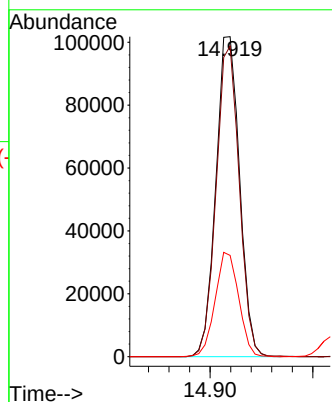
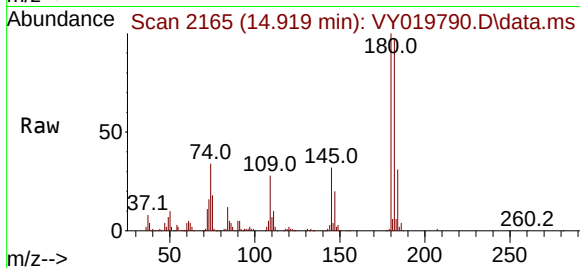
Tgt Ion:180 Resp: 162799

Ion Ratio Lower Upper

180 100

182 94.7 47.9 143.8

145 32.4 14.2 42.6



#94

Hexachlorobutadiene

Concen: 51.406 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY019790.D

Acq: 03 Oct 2024 16:41

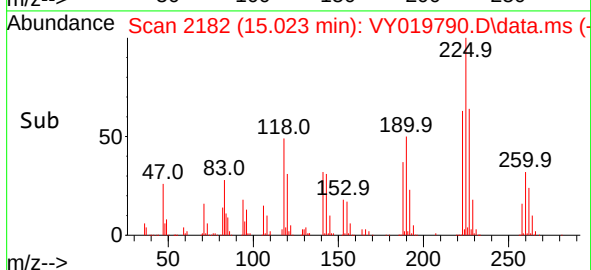
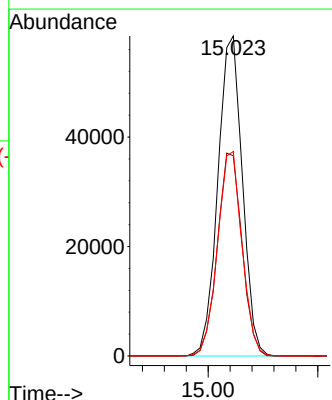
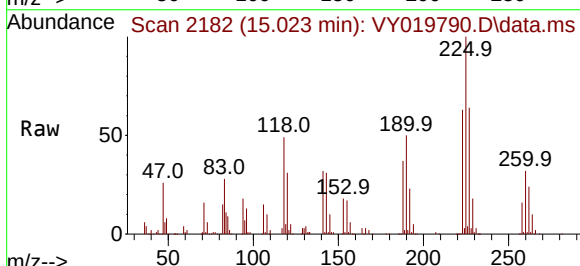
Tgt Ion:225 Resp: 90760

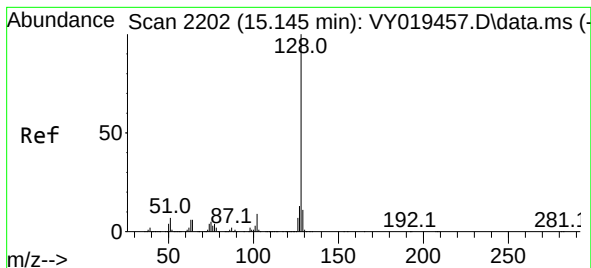
Ion Ratio Lower Upper

225 100

223 63.7 30.4 91.2

227 63.8 31.9 95.9





#95

Naphthalene

Concen: 48.185 ug/l

RT: 15.139 min Scan# 2201

Delta R.T. -0.006 min

Lab File: VY019790.D

Acq: 03 Oct 2024 16:41

Instrument :

MSVOA_Y

ClientSampleId :

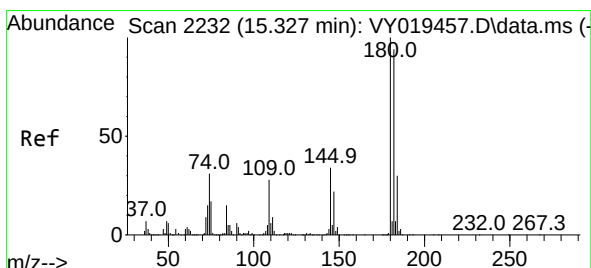
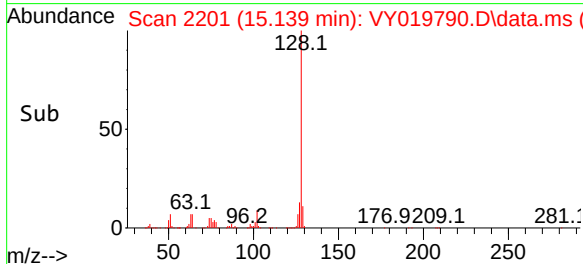
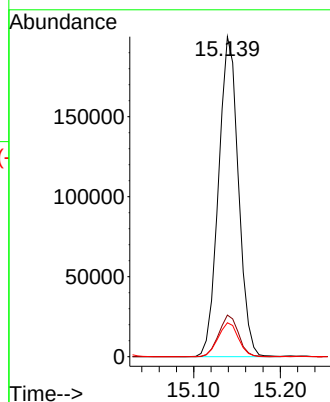
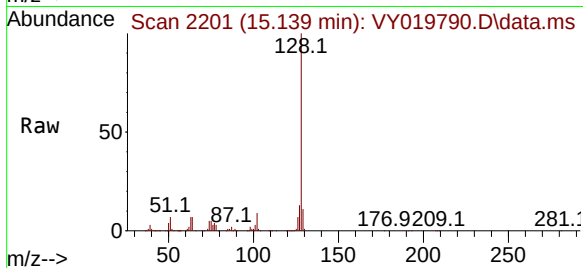
Tgt Ion:128 Resp: 318907

Ion Ratio Lower Upper

128 100

127 12.9 10.6 16.0

129 10.8 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 49.478 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY019790.D

Acq: 03 Oct 2024 16:41

Tgt Ion:180 Resp: 139870

Ion Ratio Lower Upper

180 100

182 94.2 47.6 142.9

145 34.1 15.4 46.1

