

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100224\
 Data File : VY019774.D
 Acq On : 02 Oct 2024 18:52
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 03 02:09:06 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	251682	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	444510	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	393109	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	191041	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	145515	62.439	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 124.880%	
35) Dibromofluoromethane	7.634	113	143046	56.758	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 113.520%	
50) Toluene-d8	10.103	98	493338	52.922	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 105.840%	
62) 4-Bromofluorobenzene	12.401	95	188838	52.684	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 105.360%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	59141	42.367	ug/l	99
3) Chloromethane	2.068	50	112657	54.102	ug/l	99
4) Vinyl Chloride	2.202	62	127259	56.518	ug/l	100
5) Bromomethane	2.598	94	96168	69.532	ug/l	97
6) Chloroethane	2.732	64	97296	66.100	ug/l	99
7) Trichlorofluoromethane	3.056	101	212750	56.682	ug/l	97
8) Diethyl Ether	3.458	74	76257	60.526	ug/l	82
9) 1,1,2-Trichlorotrifluo...	3.818	101	127617	54.963	ug/l	95
10) Methyl Iodide	4.007	142	148519	49.891	ug/l	93
11) Tert butyl alcohol	4.878	59	68676	364.894	ug/l	# 82
12) 1,1-Dichloroethene	3.793	96	121492	54.408	ug/l	89
13) Acrolein	3.653	56	10311	105.519	ug/l	94
14) Allyl chloride	4.385	41	226836	56.647	ug/l	# 93
15) Acrylonitrile	5.061	53	187624	345.373	ug/l	99
16) Acetone	3.879	43	155047	279.257	ug/l	# 85
17) Carbon Disulfide	4.110	76	294735	48.853	ug/l	99
18) Methyl Acetate	4.391	43	108737	72.168	ug/l	91
19) Methyl tert-butyl Ether	5.116	73	410003	64.830	ug/l	99
20) Methylene Chloride	4.616	84	152641	60.284	ug/l	88
21) trans-1,2-Dichloroethene	5.116	96	139430	56.968	ug/l	86
22) Diisopropyl ether	6.025	45	523232	63.630	ug/l	95
23) Vinyl Acetate	5.964	43	1485027	316.169	ug/l	# 93
24) 1,1-Dichloroethane	5.915	63	286308	62.048	ug/l	97
25) 2-Butanone	6.896	43	253220	320.673	ug/l	# 87
26) 2,2-Dichloropropane	6.890	77	231326	55.577	ug/l	96
27) cis-1,2-Dichloroethene	6.890	96	182782	61.479	ug/l	88
28) Bromochloromethane	7.244	49	115431	59.455	ug/l	82
29) Tetrahydrofuran	7.262	42	164659	342.953	ug/l	# 85
30) Chloroform	7.421	83	307377	65.254	ug/l	99
31) Cyclohexane	7.701	56	209689	50.275	ug/l	94
32) 1,1,1-Trichloroethane	7.622	97	256532	60.759	ug/l	96
36) 1,1-Dichloropropene	7.835	75	192695	56.189	ug/l	96
37) Ethyl Acetate	6.982	43	112886	64.244	ug/l	96
38) Carbon Tetrachloride	7.817	117	217618	56.272	ug/l	100
39) Methylcyclohexane	9.109	83	231065	50.630	ug/l	90
40) Benzene	8.079	78	617560	58.466	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	57168	55.813	ug/l	93
42) 1,2-Dichloroethane	8.158	62	185984	65.435	ug/l	95
43) Isopropyl Acetate	8.195	43	236036	63.939	ug/l #	90
44) Trichloroethene	8.866	130	154391	56.834	ug/l	94
45) 1,2-Dichloropropane	9.140	63	157879	61.139	ug/l	100
46) Dibromomethane	9.231	93	90519	64.101	ug/l	94
47) Bromodichloromethane	9.420	83	238841	62.920	ug/l	97
48) Methyl methacrylate	9.219	41	109725	62.941	ug/l #	84
49) 1,4-Dioxane	9.231	88	21202	1275.385	ug/l #	86
51) 4-Methyl-2-Pentanone	9.999	43	615547	331.436	ug/l	91
52) Toluene	10.170	92	397380	58.496	ug/l	98
53) t-1,3-Dichloropropene	10.390	75	213621	59.035	ug/l	100
54) cis-1,3-Dichloropropene	9.853	75	246754	58.563	ug/l #	88
55) 1,1,2-Trichloroethane	10.566	97	123092	63.121	ug/l	98
56) Ethyl methacrylate	10.438	69	185371	62.576	ug/l #	80
57) 1,3-Dichloropropane	10.713	76	212326	63.341	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.707	63	446826	324.985	ug/l	96
59) 2-Hexanone	10.755	43	419850	308.354	ug/l	89
60) Dibromochloromethane	10.908	129	157872	61.199	ug/l	99
61) 1,2-Dibromoethane	11.011	107	112514	61.923	ug/l	97
64) Tetrachloroethene	10.646	164	136899	56.237	ug/l	96
65) Chlorobenzene	11.438	112	442880	57.274	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.511	131	155158	57.953	ug/l	98
67) Ethyl Benzene	11.517	91	779334	56.721	ug/l	98
68) m/p-Xylenes	11.627	106	575044	110.686	ug/l	92
69) o-Xylene	11.950	106	285421	56.176	ug/l	94
70) Styrene	11.969	104	489219	57.030	ug/l	96
71) Bromoform	12.127	173	90108	58.925	ug/l #	97
73) Isopropylbenzene	12.249	105	750010	54.115	ug/l	99
74) N-amyl acetate	12.066	43	217566	57.721	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.499	83	149576	60.804	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	188530	105.288	ug/l #	100
77) Bromobenzene	12.529	156	167987	54.651	ug/l	87
78) n-propylbenzene	12.590	91	882819	53.741	ug/l	99
79) 2-Chlorotoluene	12.676	91	518645	54.176	ug/l	95
80) 1,3,5-Trimethylbenzene	12.731	105	609533	54.098	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.298	75	47229	50.634	ug/l	89
82) 4-Chlorotoluene	12.773	91	547562	55.635	ug/l	94
83) tert-Butylbenzene	12.993	119	553370	54.251	ug/l	96
84) 1,2,4-Trimethylbenzene	13.036	105	610712	54.758	ug/l	97
85) sec-Butylbenzene	13.170	105	793118	53.524	ug/l	99
86) p-Isopropyltoluene	13.285	119	653690	53.919	ug/l	97
87) 1,3-Dichlorobenzene	13.285	146	329664	55.194	ug/l	98
88) 1,4-Dichlorobenzene	13.365	146	325932	54.985	ug/l	97
89) n-Butylbenzene	13.615	91	623779	53.821	ug/l	99
90) Hexachloroethane	13.877	117	131686	52.204	ug/l	93
91) 1,2-Dichlorobenzene	13.651	146	299510	56.194	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.267	75	23958	58.436	ug/l	81
93) 1,2,4-Trichlorobenzene	14.913	180	169531	52.297	ug/l	98
94) Hexachlorobutadiene	15.017	225	90699	52.373	ug/l	98
95) Naphthalene	15.139	128	360203	55.486	ug/l	99
96) 1,2,3-Trichlorobenzene	15.322	180	149965	54.083	ug/l	97

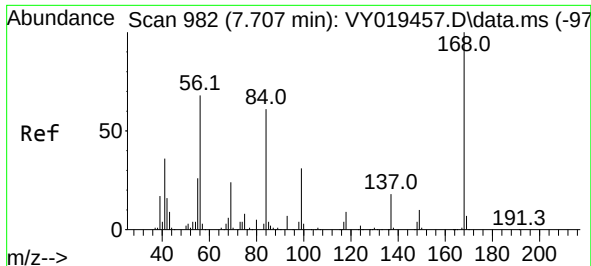
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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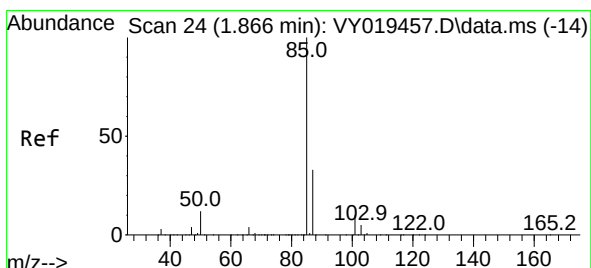
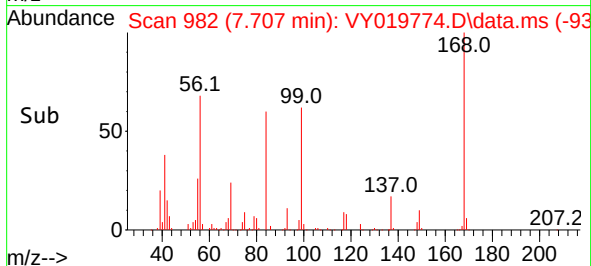
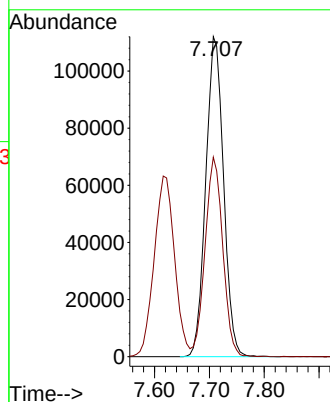
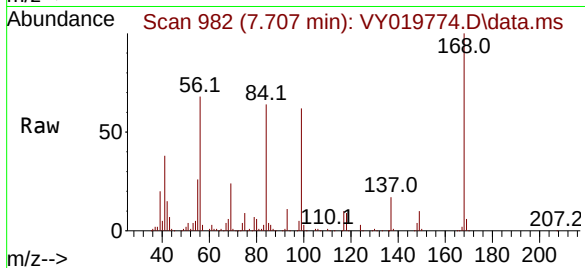
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019774.D
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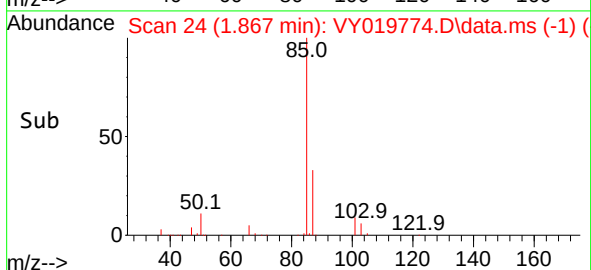
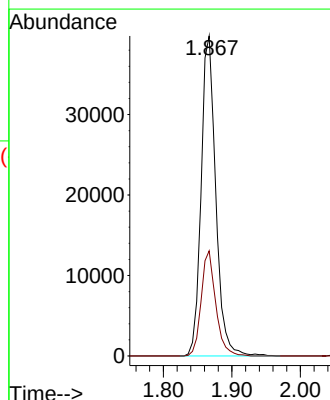
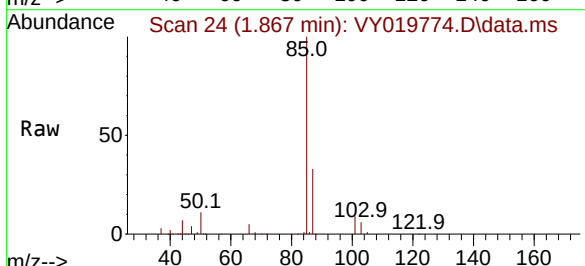
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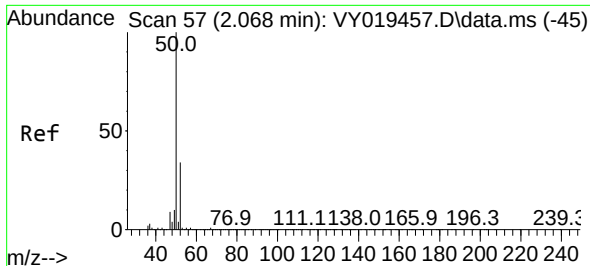
Tgt Ion:168 Resp: 251682
Ion Ratio Lower Upper
168 100
99 62.3 39.1 58.7#



#2
Dichlorodifluoromethane
Concen: 42.367 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.001 min
Lab File: VY019774.D
Acq: 02 Oct 2024 18:52

Tgt Ion: 85 Resp: 59141
Ion Ratio Lower Upper
85 100
87 32.8 16.0 48.0

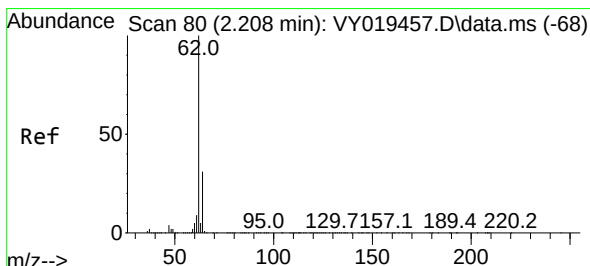
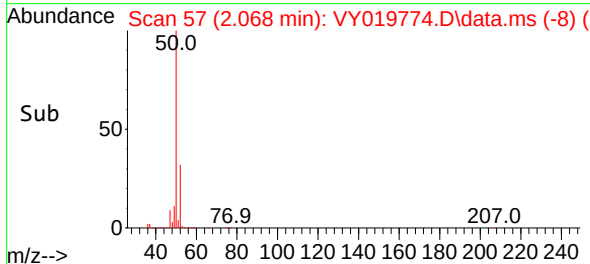
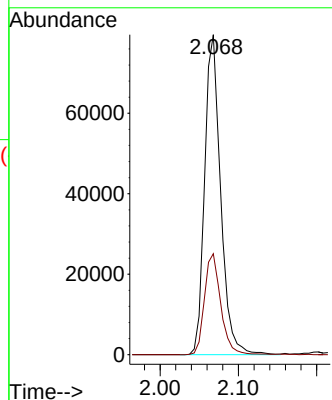
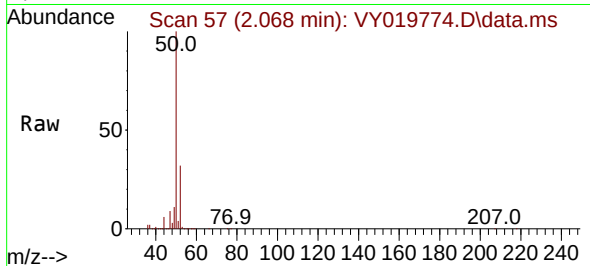




#3
Chloromethane
Concen: 54.102 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY019774.D
Acq: 02 Oct 2024 18:52

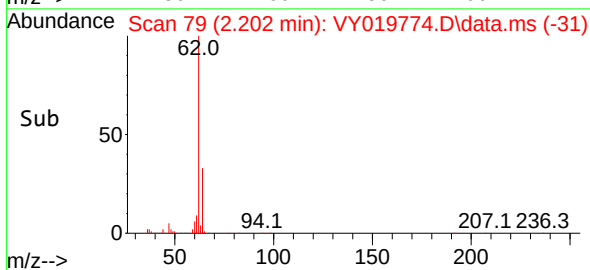
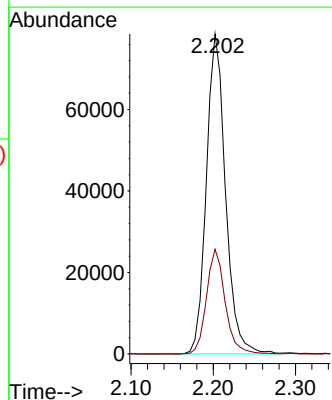
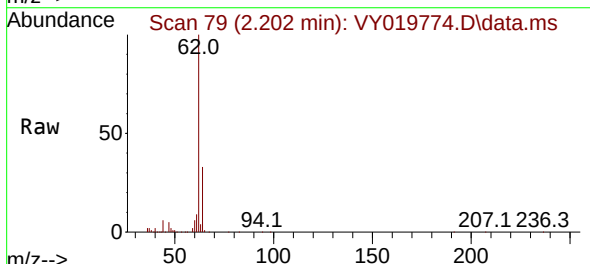
Instrument :
MSVOA_Y
ClientSampleId :

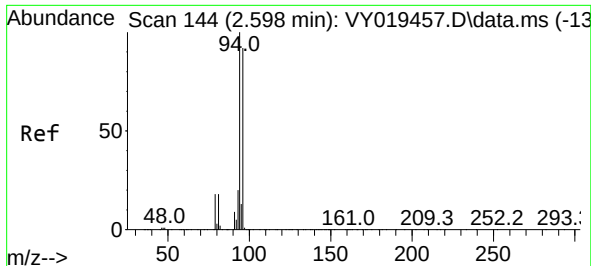
Tgt Ion: 50 Resp: 112657
Ion Ratio Lower Upper
50 100
52 31.6 25.6 38.4



#4
Vinyl Chloride
Concen: 56.518 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.006 min
Lab File: VY019774.D
Acq: 02 Oct 2024 18:52

Tgt Ion: 62 Resp: 127259
Ion Ratio Lower Upper
62 100
64 32.7 26.1 39.1

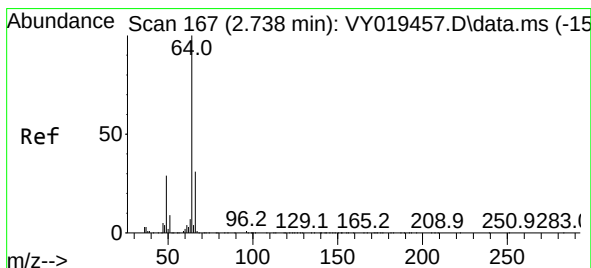
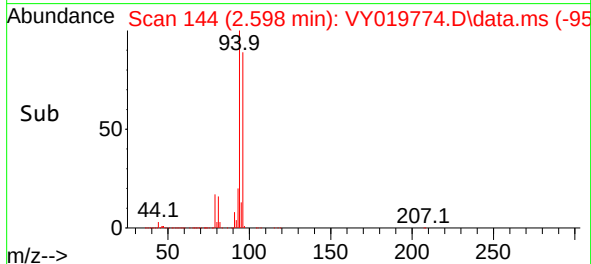
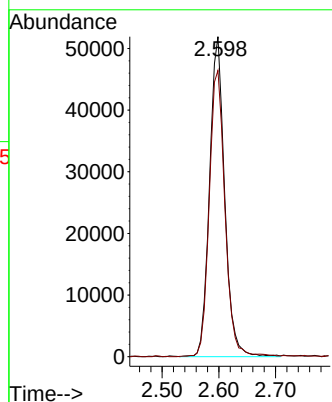
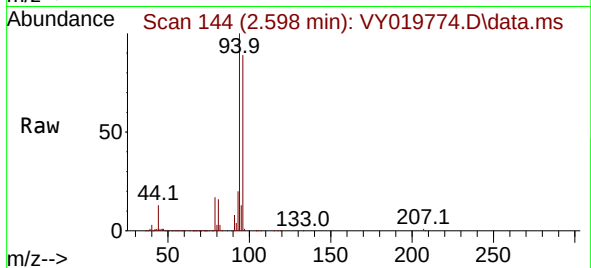




#5
Bromomethane
Concen: 69.532 ug/l
RT: 2.598 min Scan# 144
Delta R.T. 0.000 min
Lab File: VY019774.D
Acq: 02 Oct 2024 18:52

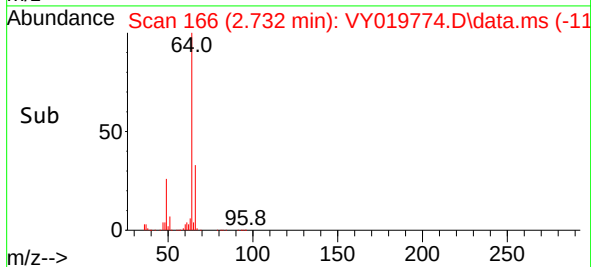
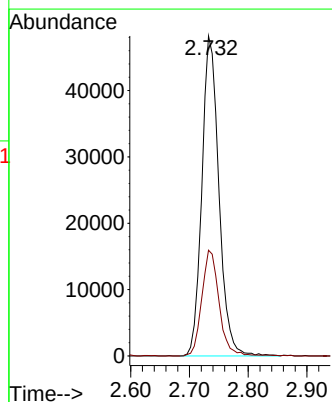
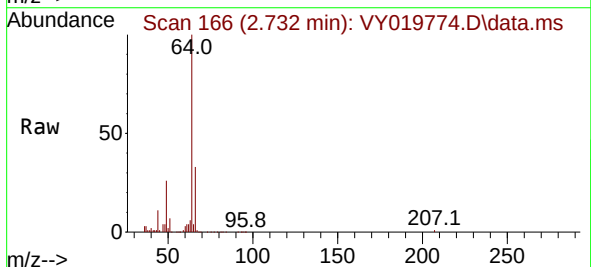
Instrument :
MSVOA_Y
ClientSampleId :

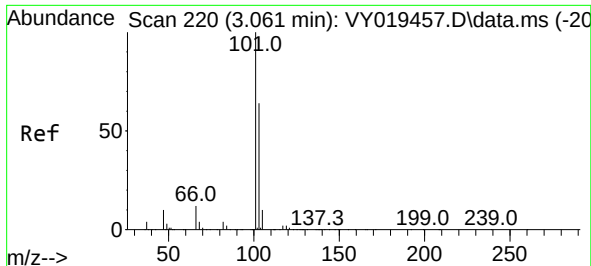
Tgt Ion: 94 Resp: 96168
Ion Ratio Lower Upper
94 100
96 89.3 74.1 111.1



#6
Chloroethane
Concen: 66.100 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY019774.D
Acq: 02 Oct 2024 18:52

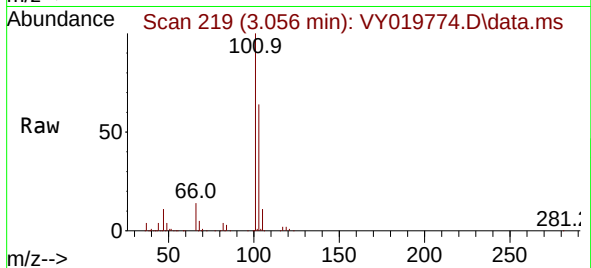
Tgt Ion: 64 Resp: 97296
Ion Ratio Lower Upper
64 100
66 33.1 26.1 39.1



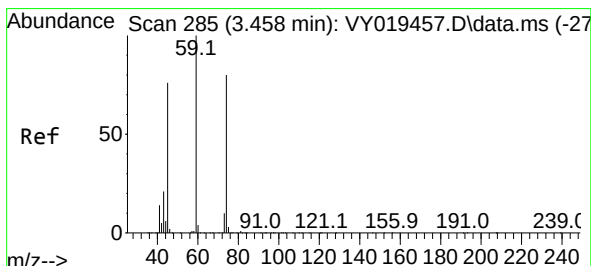
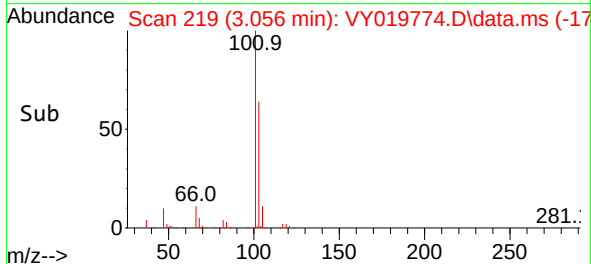
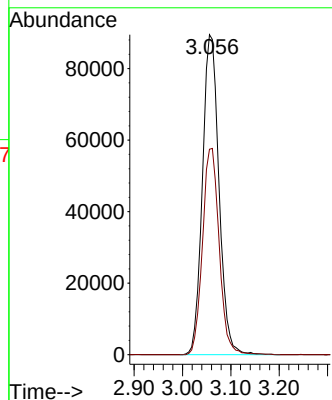


#7
Trichlorofluoromethane
Concen: 56.682 ug/l
RT: 3.056 min Scan# 21
Delta R.T. -0.006 min
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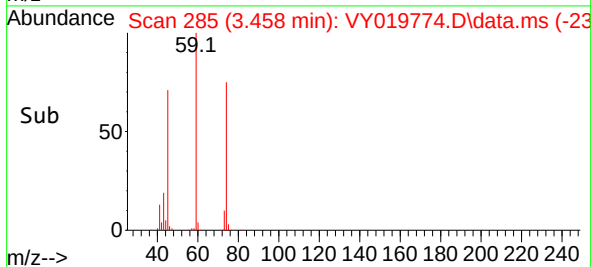
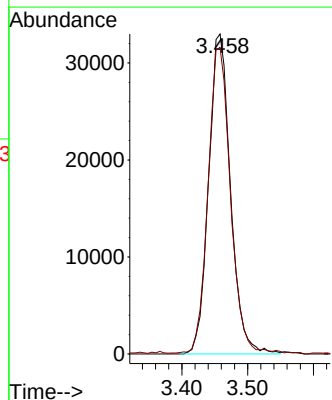
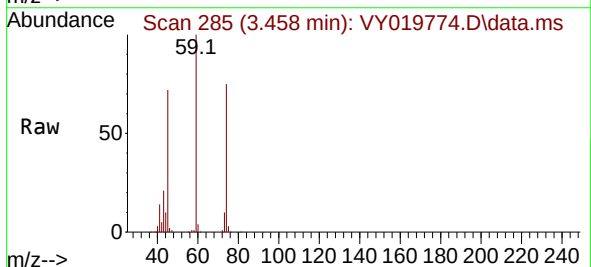


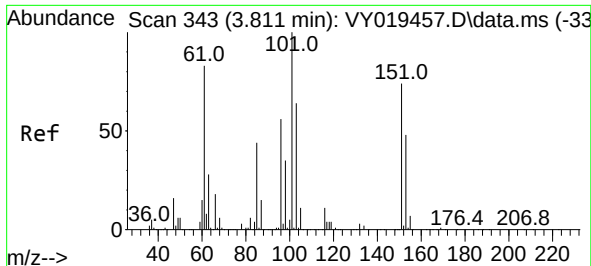
Tgt Ion:101 Resp: 212750
Ion Ratio Lower Upper
101 100
103 64.2 49.3 73.9



#8
Diethyl Ether
Concen: 60.526 ug/l
RT: 3.458 min Scan# 285
Delta R.T. 0.000 min
Lab File: VY019774.D
Acq: 02 Oct 2024 18:52

Tgt Ion: 74 Resp: 76257
Ion Ratio Lower Upper
74 100
45 99.0 41.3 124.1

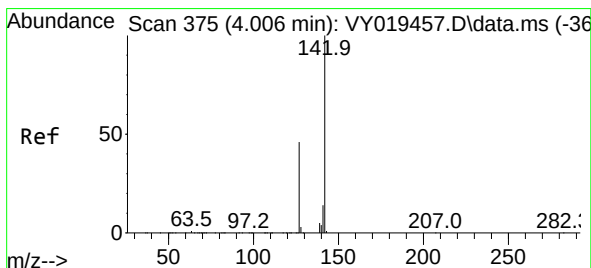
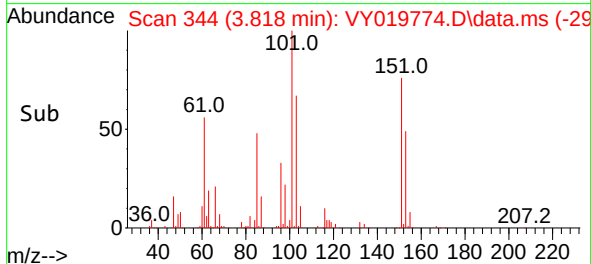
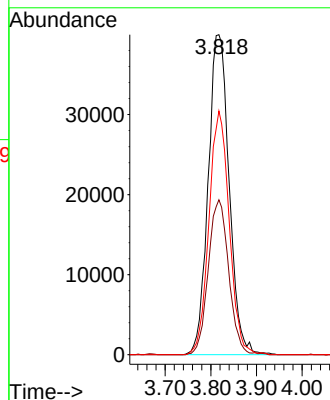
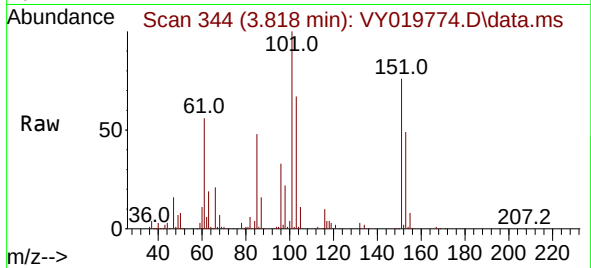




#9
1,1,2-Trichlorotrifluoroethane
Concen: 54.963 ug/l
RT: 3.818 min Scan# 343
Delta R.T. 0.006 min
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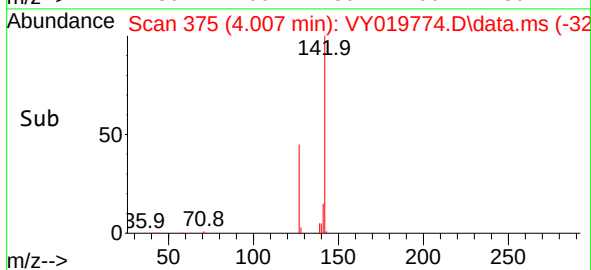
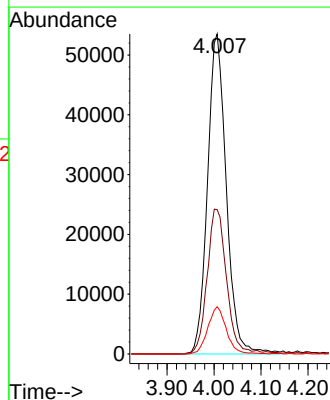
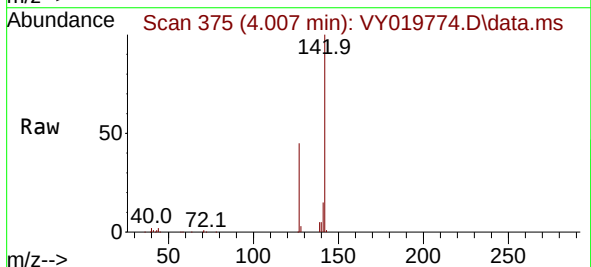
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MSVOA_Y
ClientSampleId :

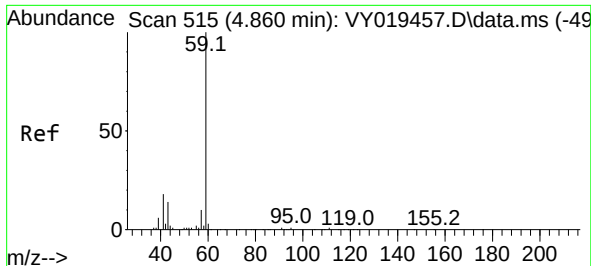
Tgt Ion:101 Resp: 127617
Ion Ratio Lower Upper
101 100
85 47.3 34.5 51.7
151 73.7 61.7 92.5



#10
Methyl Iodide
Concen: 49.891 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.000 min
Lab File: VY019774.D
Acq: 02 Oct 2024 18:52

Tgt Ion:142 Resp: 148519
Ion Ratio Lower Upper
142 100
127 46.6 32.8 49.2
141 14.5 11.4 17.2

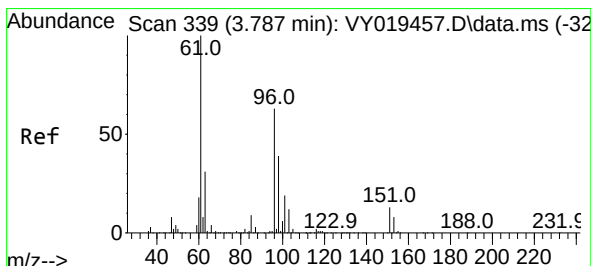
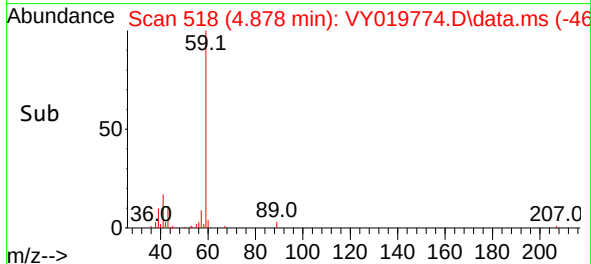
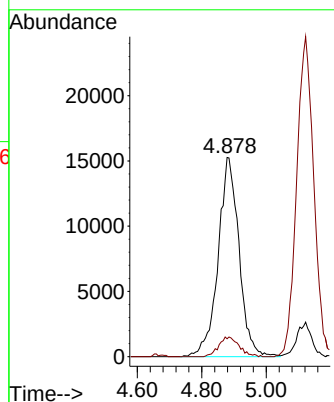
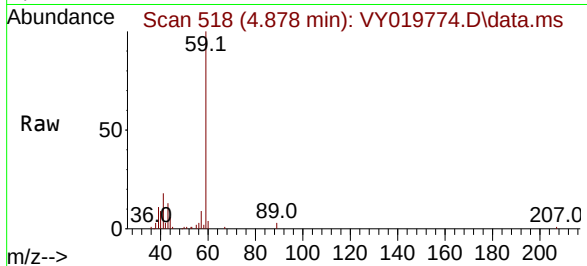




#11
Tert butyl alcohol
Concen: 364.894 ug/l
RT: 4.878 min Scan# 51
Delta R.T. 0.019 min
Lab File: VY019774.D
Acq: 02 Oct 2024 18:52

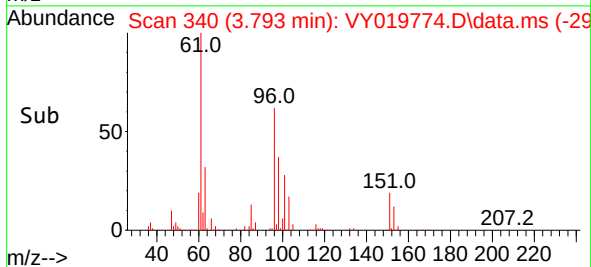
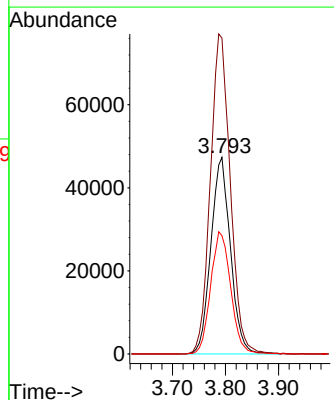
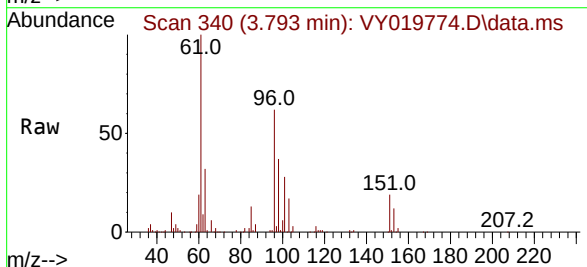
Instrument :
MSVOA_Y
ClientSampleId :

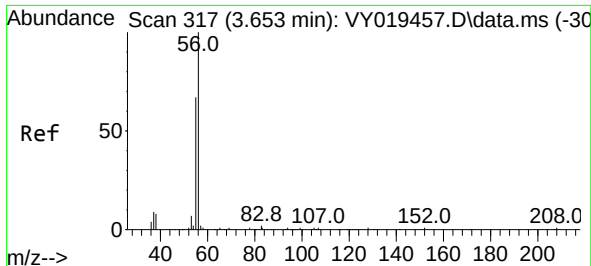
Tgt Ion: 59 Resp: 68676
Ion Ratio Lower Upper
59 100
57 9.7 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 54.408 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY019774.D
Acq: 02 Oct 2024 18:52

Tgt Ion: 96 Resp: 121492
Ion Ratio Lower Upper
96 100
61 160.7 114.6 171.8
98 60.1 50.8 76.2

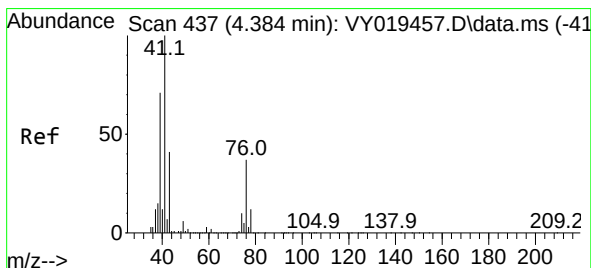
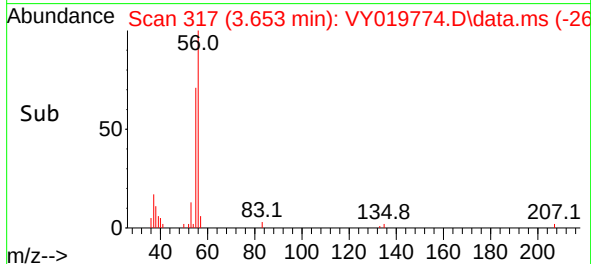
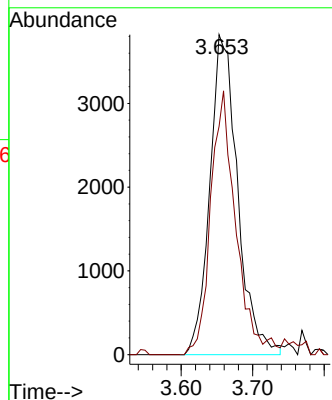
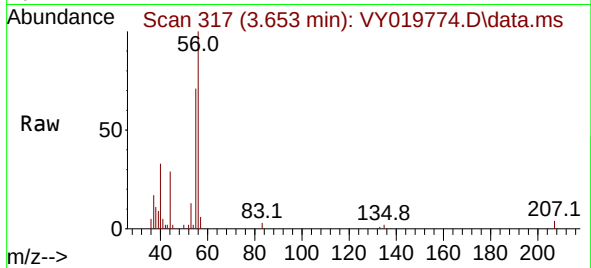




#13
Acrolein
Concen: 105.519 ug/l
RT: 3.653 min Scan# 317
Delta R.T. 0.000 min
Lab File: VY019774.D
Acq: 02 Oct 2024 18:52

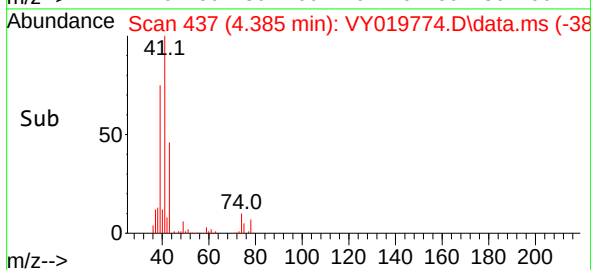
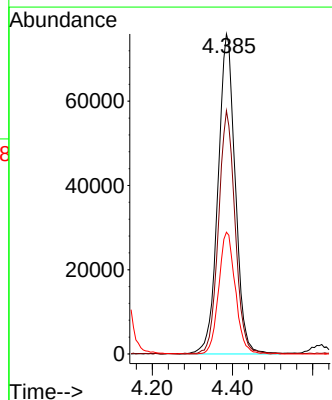
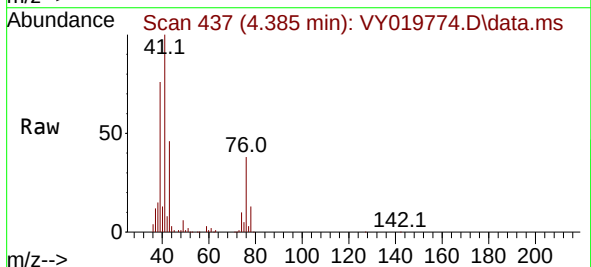
Instrument :
MSVOA_Y
ClientSampleId :

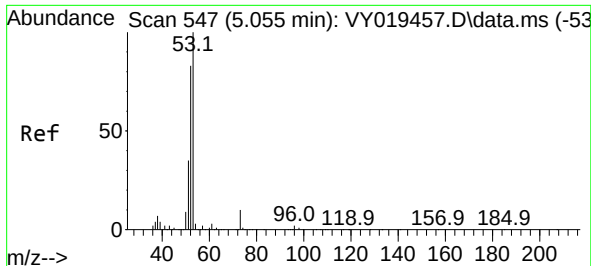
Tgt Ion: 56 Resp: 10311
Ion Ratio Lower Upper
56 100
55 74.7 55.7 83.5



#14
Allyl chloride
Concen: 56.647 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY019774.D
Acq: 02 Oct 2024 18:52

Tgt Ion: 41 Resp: 226836
Ion Ratio Lower Upper
41 100
39 72.6 58.3 87.5
76 36.7 39.0 58.6#

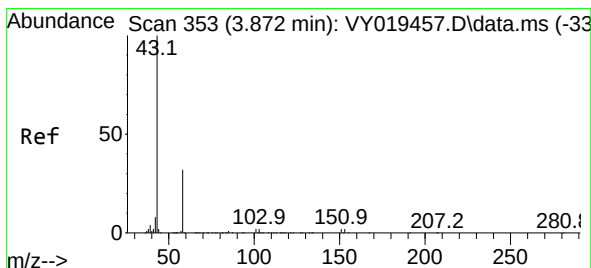
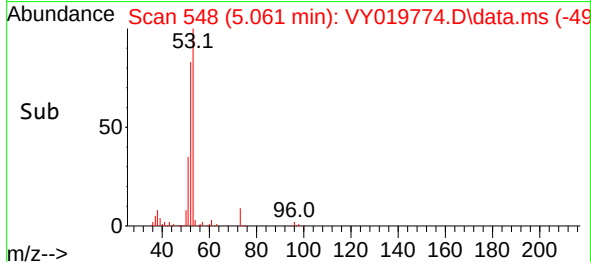
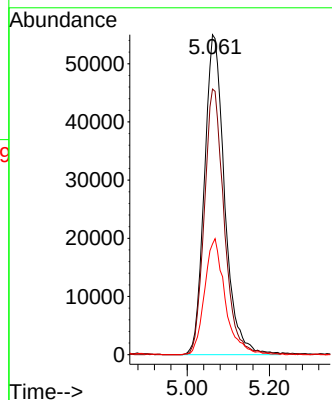
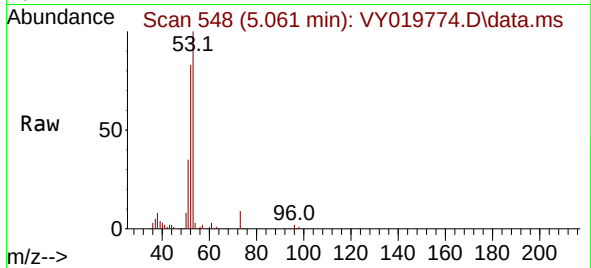




#15
Acrylonitrile
Concen: 345.373 ug/l
RT: 5.061 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY019774.D
Acq: 02 Oct 2024 18:52

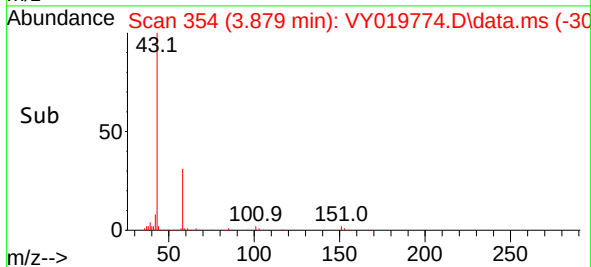
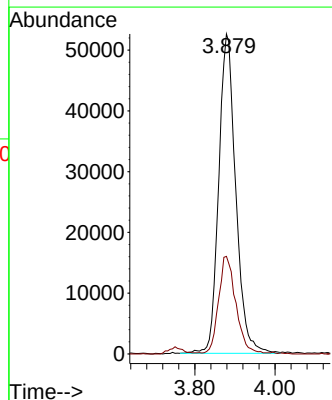
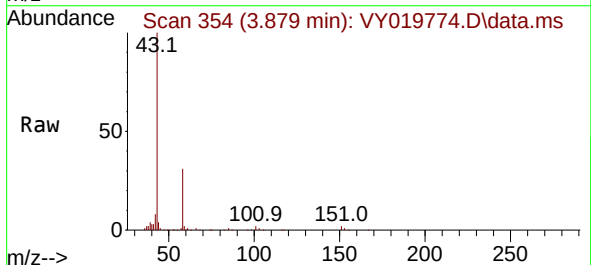
Instrument :
MSVOA_Y
ClientSampleId :

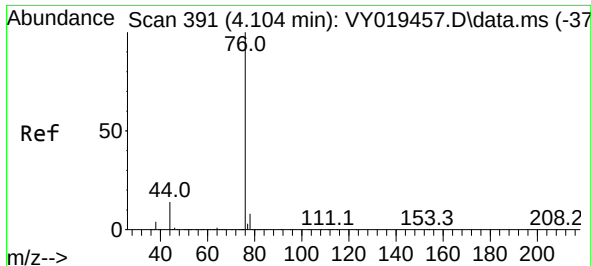
Tgt Ion: 53 Resp: 187624
Ion Ratio Lower Upper
53 100
52 81.7 64.7 97.1
51 37.2 28.4 42.6



#16
Acetone
Concen: 279.257 ug/l
RT: 3.879 min Scan# 354
Delta R.T. 0.006 min
Lab File: VY019774.D
Acq: 02 Oct 2024 18:52

Tgt Ion: 43 Resp: 155047
Ion Ratio Lower Upper
43 100
58 30.3 31.7 47.5#

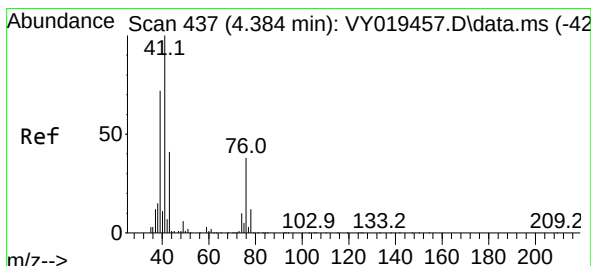
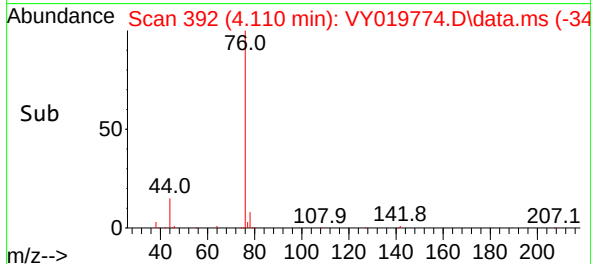
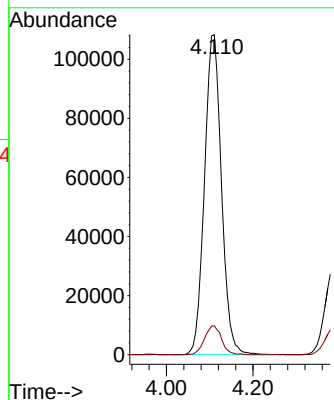
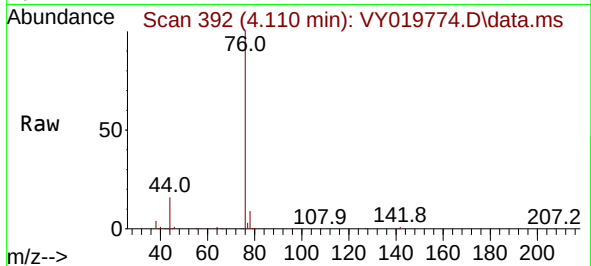




#17
Carbon Disulfide
Concen: 48.853 ug/l
RT: 4.110 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY019774.D
Acq: 02 Oct 2024 18:52

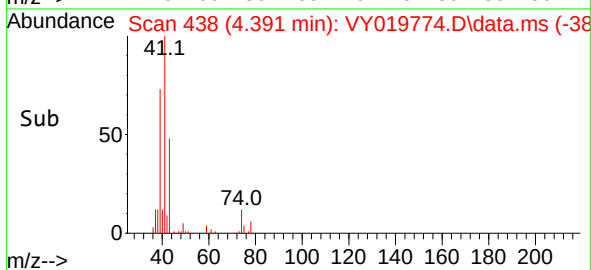
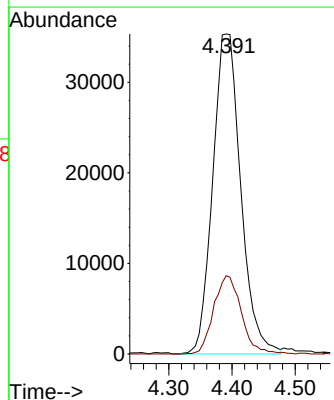
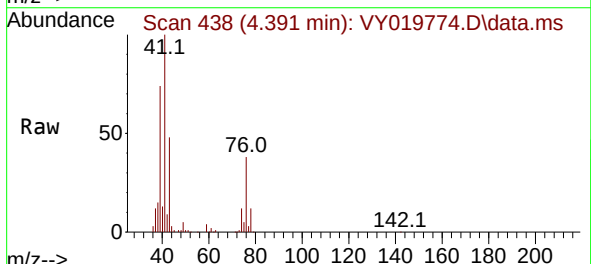
Instrument :
MSVOA_Y
ClientSampleId :

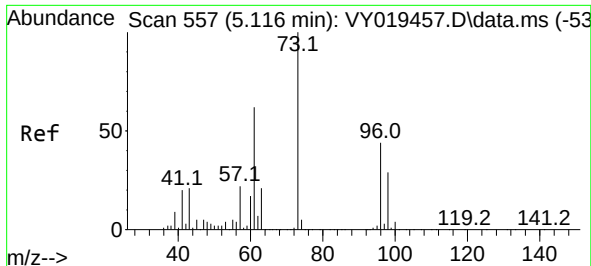
Tgt Ion: 76 Resp: 294735
Ion Ratio Lower Upper
76 100
78 9.0 6.8 10.2



#18
Methyl Acetate
Concen: 72.168 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY019774.D
Acq: 02 Oct 2024 18:52

Tgt Ion: 43 Resp: 108737
Ion Ratio Lower Upper
43 100
74 24.0 23.3 34.9

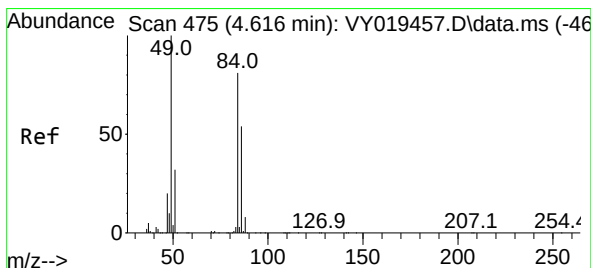
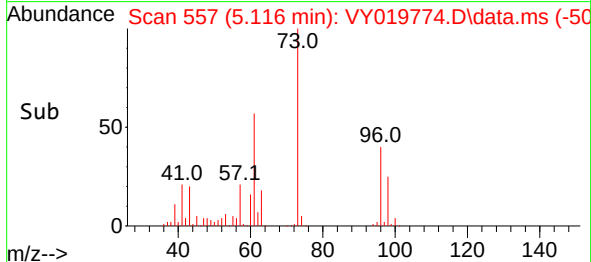
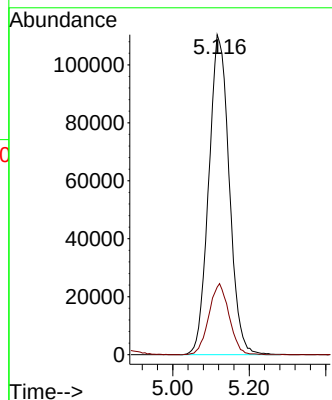
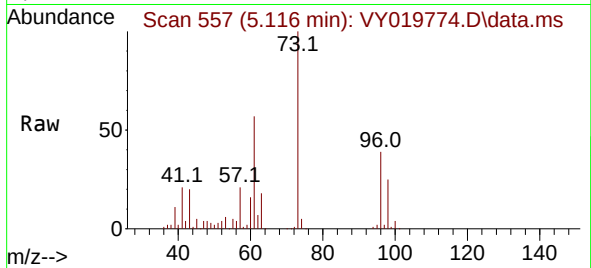




#19
Methyl tert-butyl Ether
Concen: 64.830 ug/l
RT: 5.116 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY019774.D
Acq: 02 Oct 2024 18:52

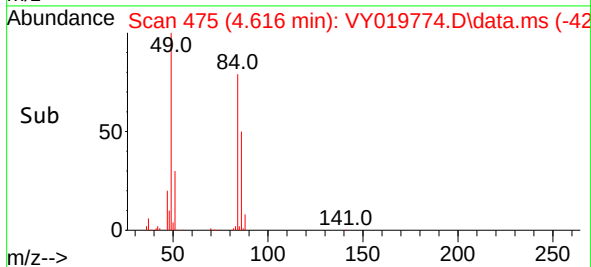
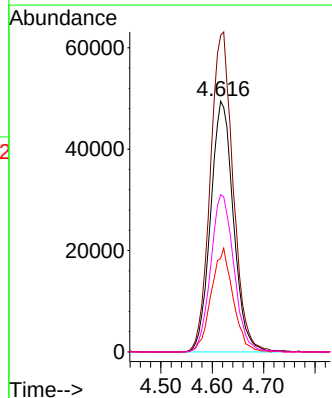
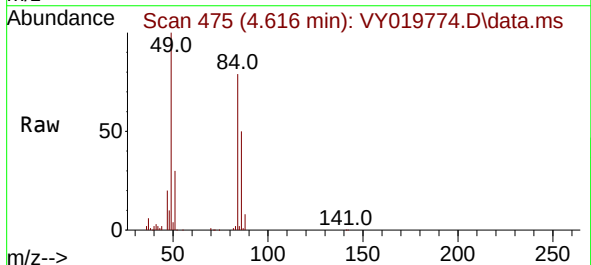
Instrument :
MSVOA_Y
ClientSampleId :

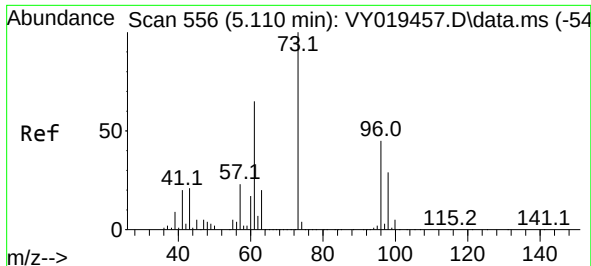
Tgt Ion: 73 Resp: 410003
Ion Ratio Lower Upper
73 100
57 21.1 17.3 25.9



#20
Methylene Chloride
Concen: 60.284 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY019774.D
Acq: 02 Oct 2024 18:52

Tgt Ion: 84 Resp: 152641
Ion Ratio Lower Upper
84 100
49 126.3 84.4 126.6
51 37.4 26.0 39.0
86 62.7 49.5 74.3

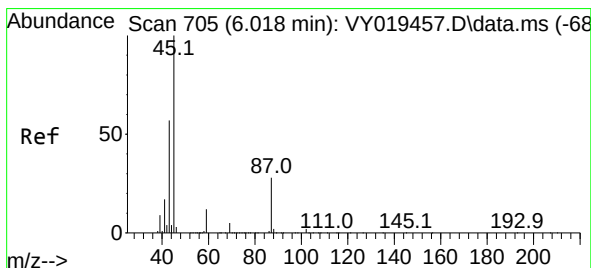
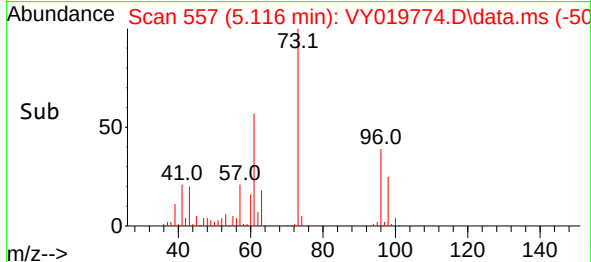
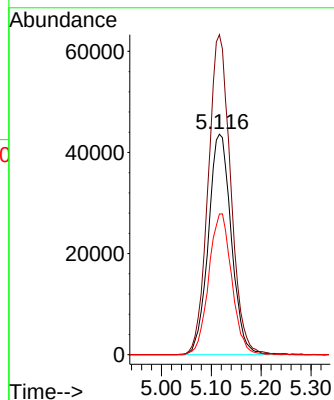
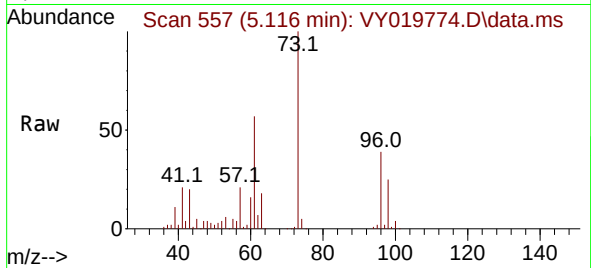




#21
trans-1,2-Dichloroethene
Concen: 56.968 ug/l
RT: 5.116 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY019774.D
Acq: 02 Oct 2024 18:52

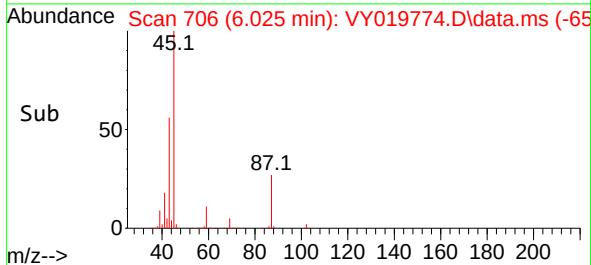
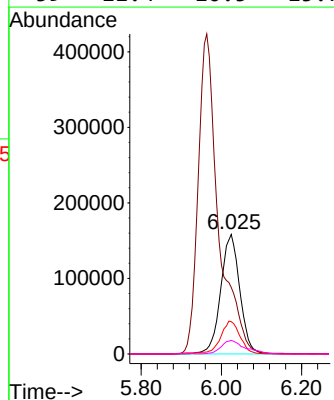
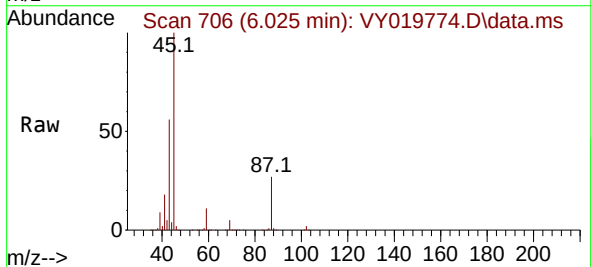
Instrument :
MSVOA_Y
ClientSampleId :

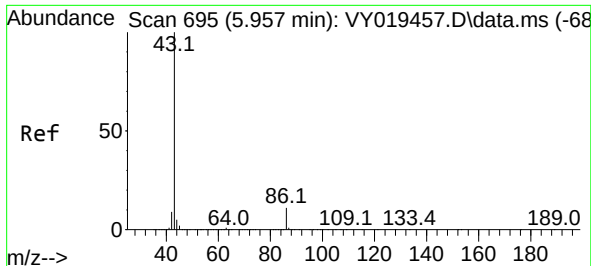
Tgt Ion: 96 Resp: 139430
Ion Ratio Lower Upper
96 100
61 144.9 97.5 146.3
98 63.8 50.5 75.7



#22
Diisopropyl ether
Concen: 63.630 ug/l
RT: 6.025 min Scan# 706
Delta R.T. 0.006 min
Lab File: VY019774.D
Acq: 02 Oct 2024 18:52

Tgt Ion: 45 Resp: 523232
Ion Ratio Lower Upper
45 100
43 55.3 42.2 63.2
87 27.0 25.0 37.6
59 11.4 10.5 15.7

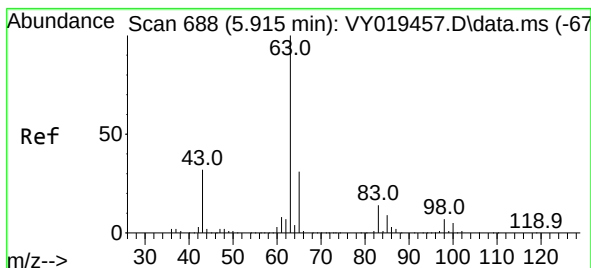
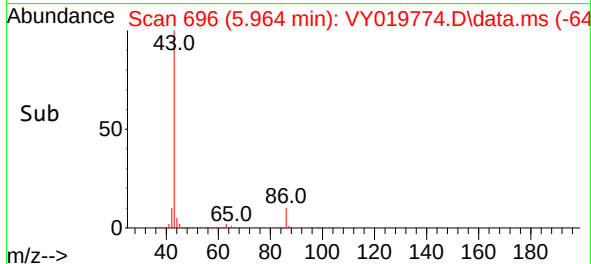
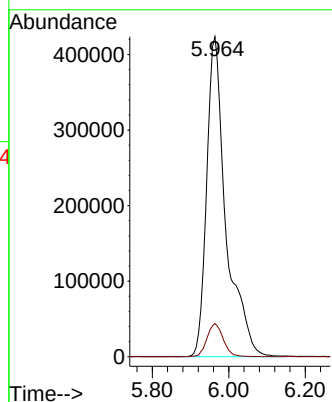
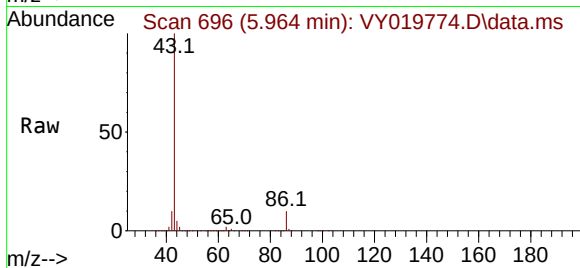




#23
 Vinyl Acetate
 Concen: 316.169 ug/l
 RT: 5.964 min Scan# 695
 Delta R.T. 0.006 min
 Lab File: VY019774.D
 Acq: 02 Oct 2024 18:52

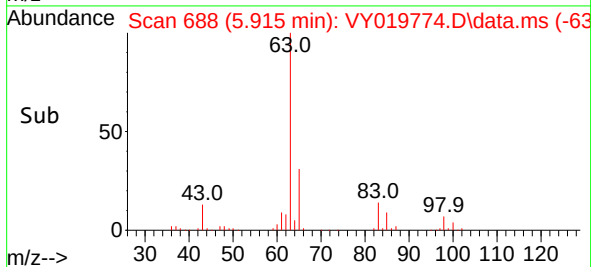
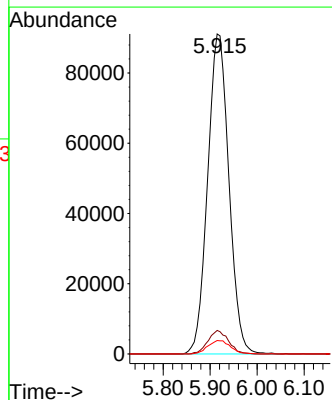
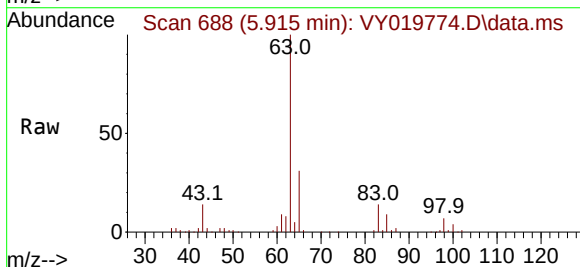
Instrument :
 MSVOA_Y
 ClientSampleId :

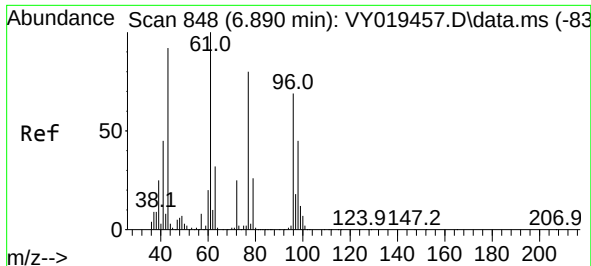
Tgt Ion: 43 Resp: 1485027
 Ion Ratio Lower Upper
 43 100
 86 10.3 10.6 16.0#



#24
 1,1-Dichloroethane
 Concen: 62.048 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY019774.D
 Acq: 02 Oct 2024 18:52

Tgt Ion: 63 Resp: 286308
 Ion Ratio Lower Upper
 63 100
 98 7.3 4.0 12.2
 100 4.2 2.6 8.0

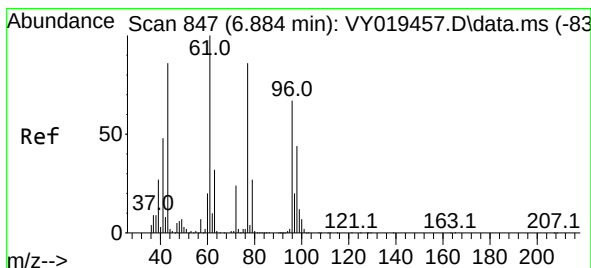
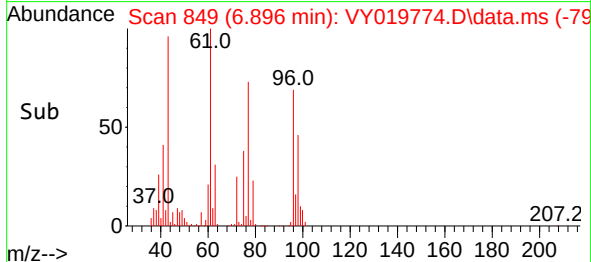
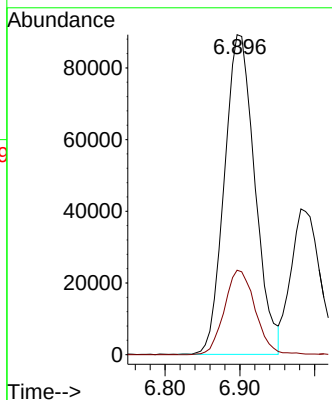
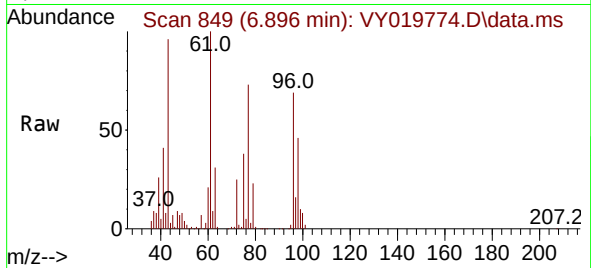




#25
2-Butanone
Concen: 320.673 ug/l
RT: 6.896 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY019774.D
Acq: 02 Oct 2024 18:52

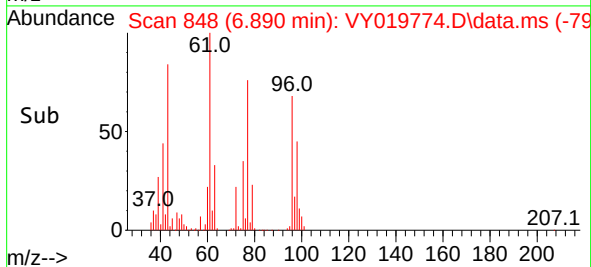
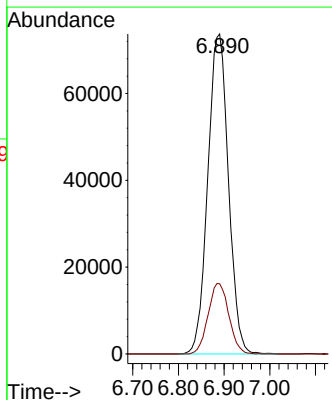
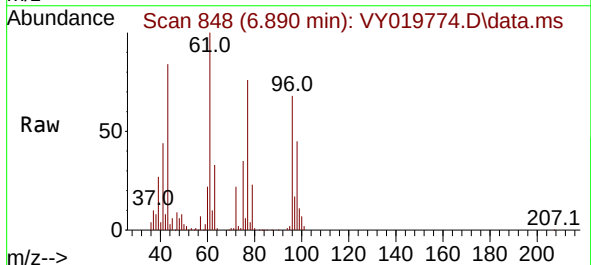
Instrument :
MSVOA_Y
ClientSampleId :

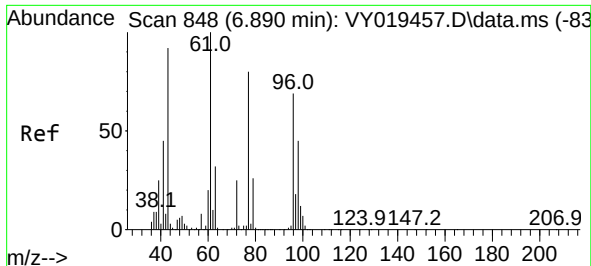
Tgt Ion: 43 Resp: 253220
Ion Ratio Lower Upper
43 100
72 26.4 27.3 40.9#



#26
2,2-Dichloropropane
Concen: 55.577 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY019774.D
Acq: 02 Oct 2024 18:52

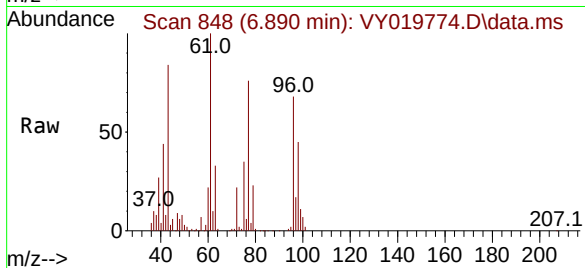
Tgt Ion: 77 Resp: 231326
Ion Ratio Lower Upper
77 100
97 22.1 12.0 36.1



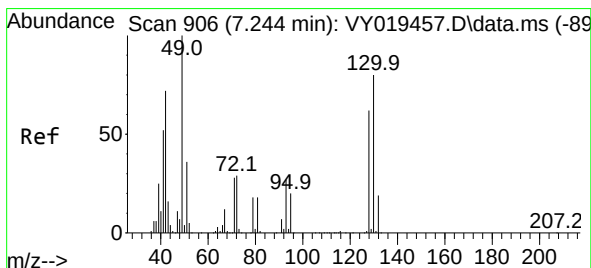
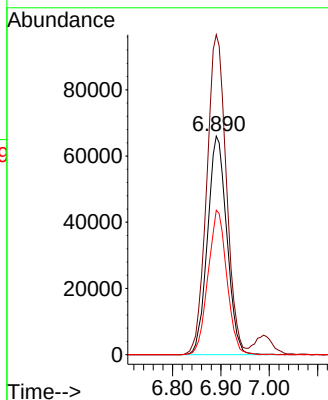
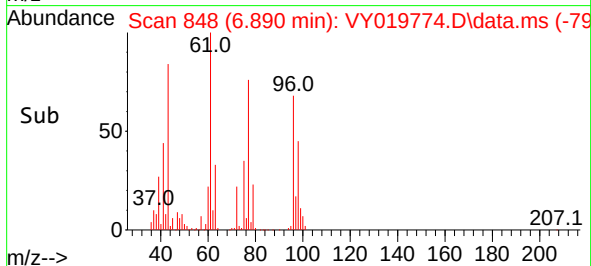


#27
 cis-1,2-Dichloroethene
 Concen: 61.479 ug/l
 RT: 6.890 min Scan# 848
 Delta R.T. 0.000 min
 Lab File: VY019774.D
 Acq: 02 Oct 2024 18:52

Instrument :
 MSVOA_Y
 ClientSampleId :

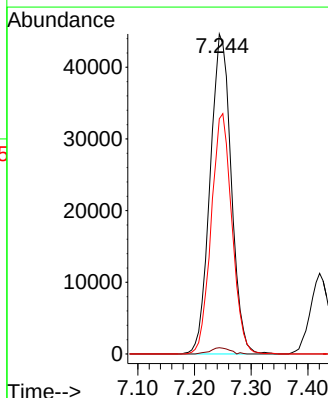
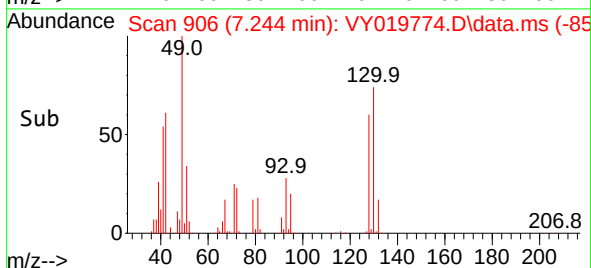
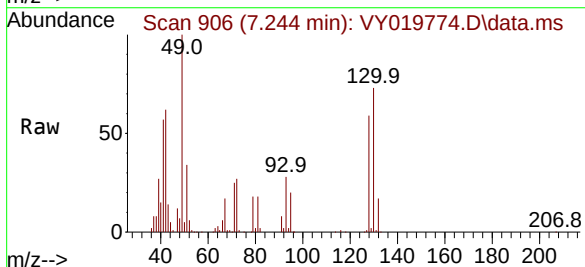


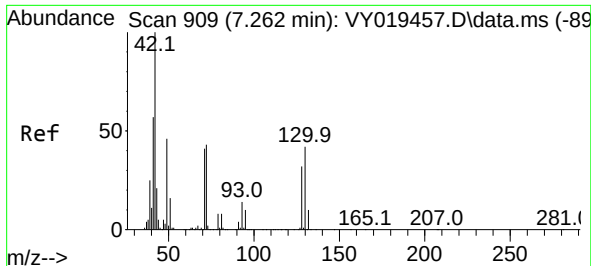
Tgt Ion: 96 Resp: 182782
 Ion Ratio Lower Upper
 96 100
 61 148.5 0.0 256.2
 98 64.4 0.0 130.0



#28
 Bromochloromethane
 Concen: 59.455 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. 0.000 min
 Lab File: VY019774.D
 Acq: 02 Oct 2024 18:52

Tgt Ion: 49 Resp: 115431
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 4.6
 130 73.7 72.7 109.1





#29

Tetrahydrofuran

Concen: 342.953 ug/l

RT: 7.262 min Scan# 909

Delta R.T. 0.000 min

Lab File: VY019774.D

Acq: 02 Oct 2024 18:52

Instrument :

MSVOA_Y

ClientSampleId :

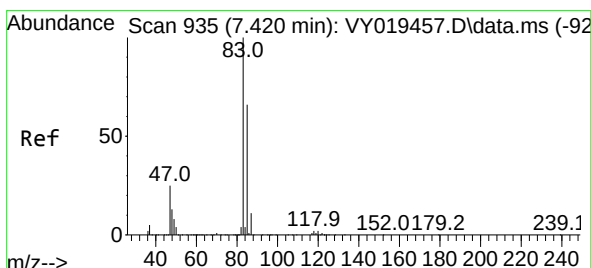
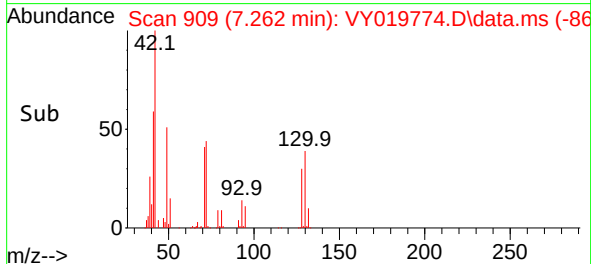
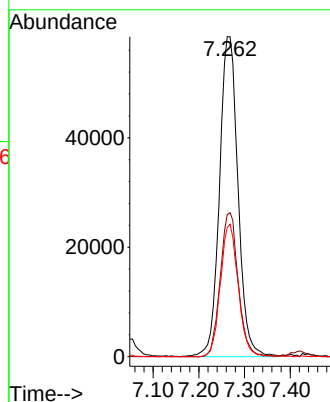
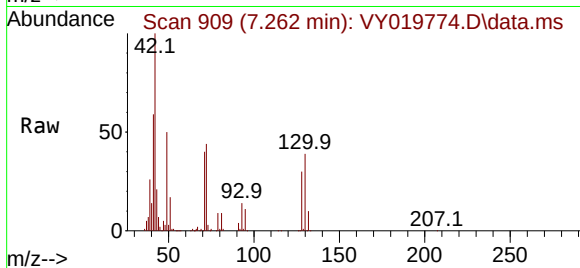
Tgt Ion: 42 Resp: 164659

Ion Ratio Lower Upper

42 100

72 43.6 43.0 64.4

71 39.7 40.8 61.2#



#30

Chloroform

Concen: 65.254 ug/l

RT: 7.421 min Scan# 935

Delta R.T. 0.000 min

Lab File: VY019774.D

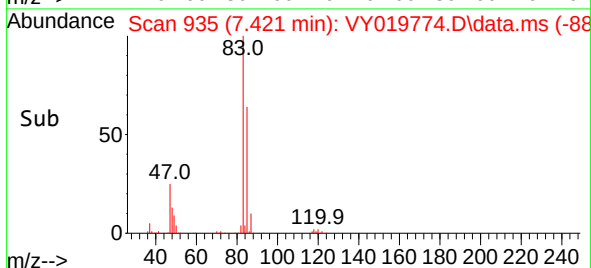
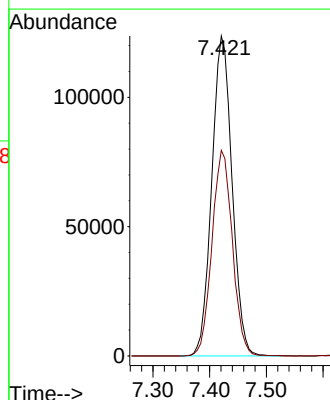
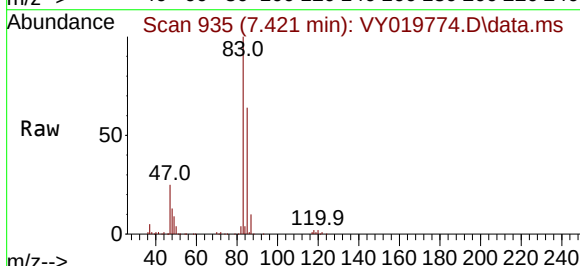
Acq: 02 Oct 2024 18:52

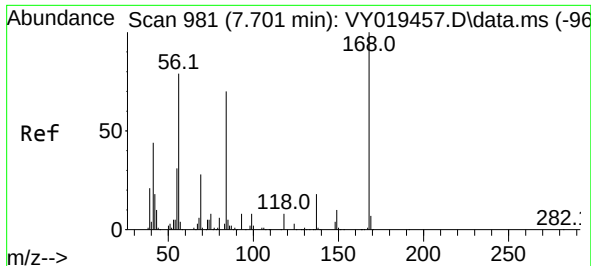
Tgt Ion: 83 Resp: 307377

Ion Ratio Lower Upper

83 100

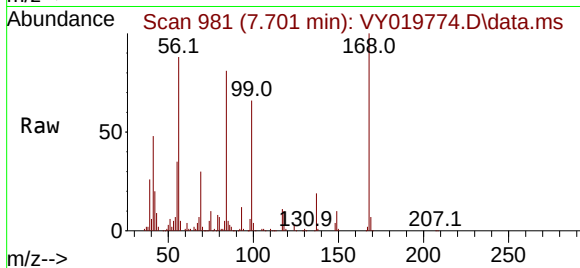
85 64.2 52.2 78.4



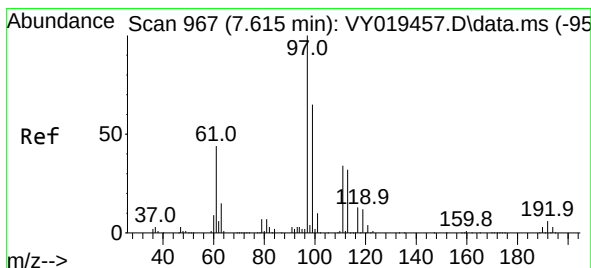
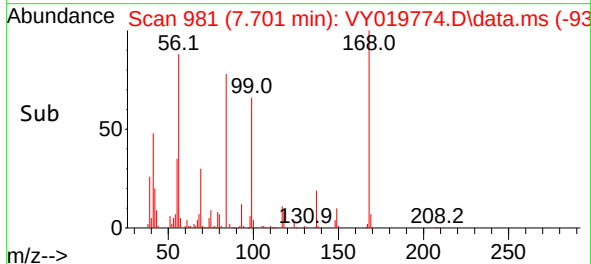
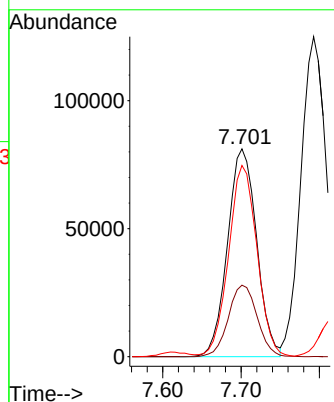


#31
Cyclohexane
Concen: 50.275 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019774.D
Acq: 02 Oct 2024 18:52

Instrument :
MSVOA_Y
ClientSampleId :

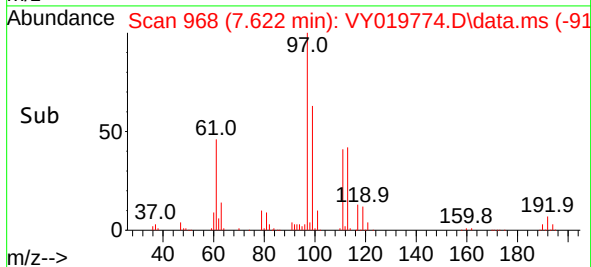
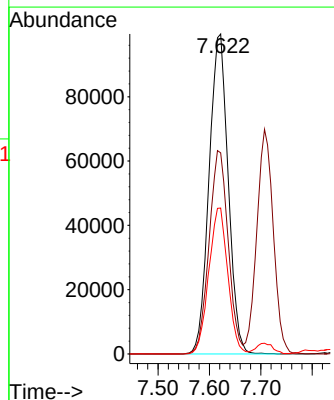
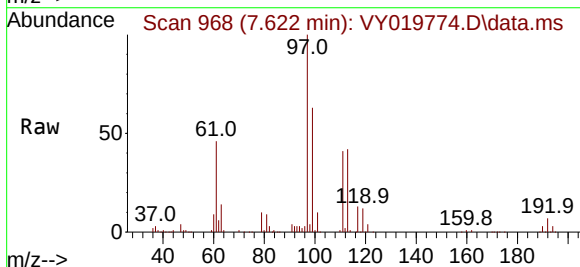


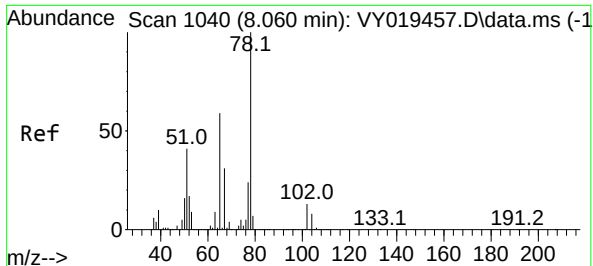
Tgt Ion: 56 Resp: 209689
Ion Ratio Lower Upper
56 100
69 34.4 28.7 43.1
84 90.2 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 60.759 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY019774.D
Acq: 02 Oct 2024 18:52

Tgt Ion: 97 Resp: 256532
Ion Ratio Lower Upper
97 100
99 63.7 50.3 75.5
61 45.6 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 62.439 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY019774.D

Acq: 02 Oct 2024 18:52

Instrument :

MSVOA_Y

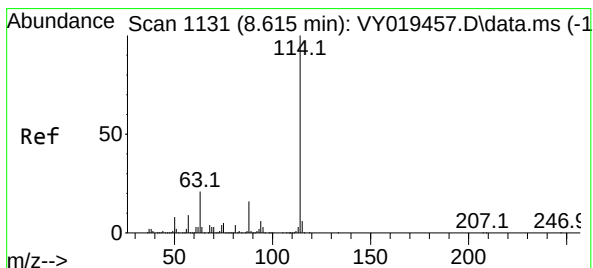
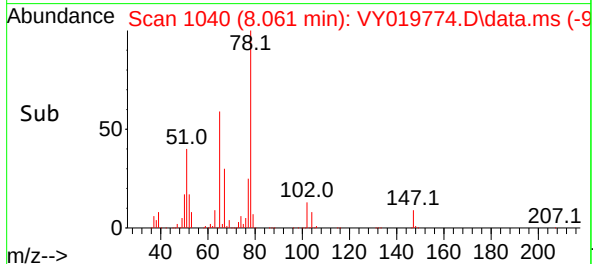
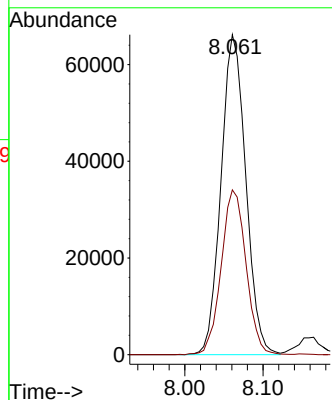
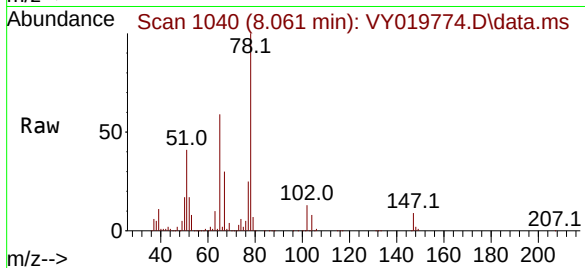
ClientSampleId :

Tgt Ion: 65 Resp: 145515

Ion Ratio Lower Upper

65 100

67 51.7 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: VY019774.D

Acq: 02 Oct 2024 18:52

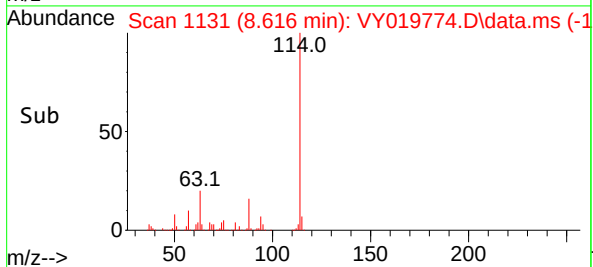
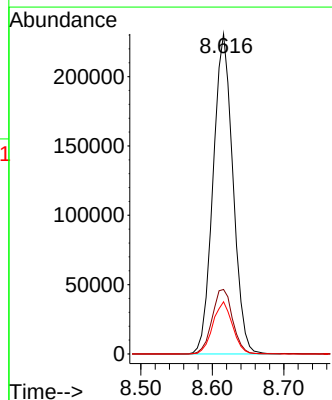
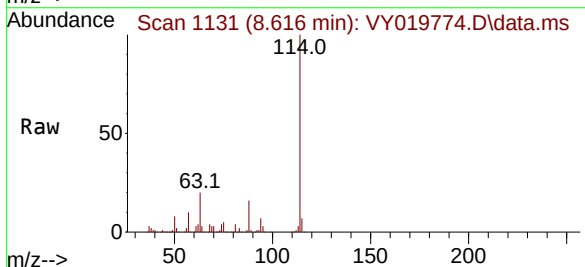
Tgt Ion: 114 Resp: 444510

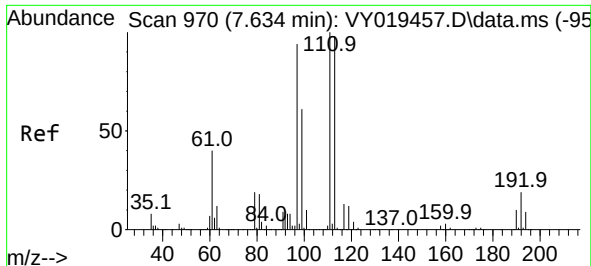
Ion Ratio Lower Upper

114 100

63 20.1 0.0 35.0

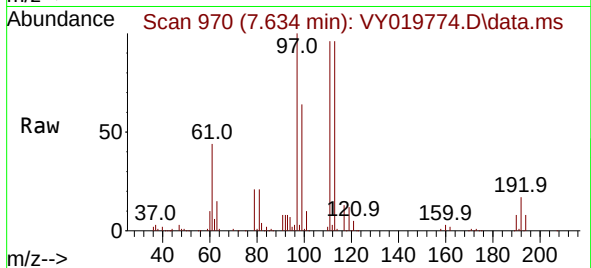
88 16.3 0.0 27.2



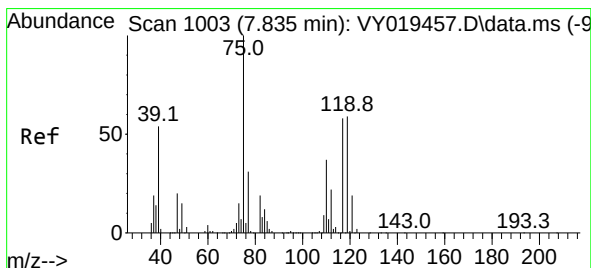
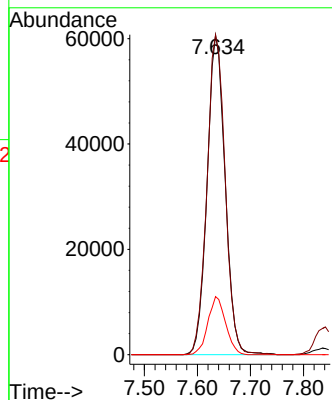
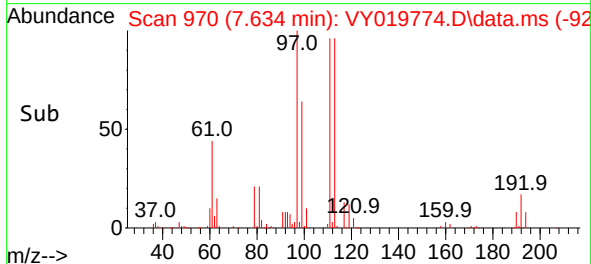


#35
 Dibromofluoromethane
 Concen: 56.758 ug/l
 RT: 7.634 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VY019774.D
 Acq: 02 Oct 2024 18:52

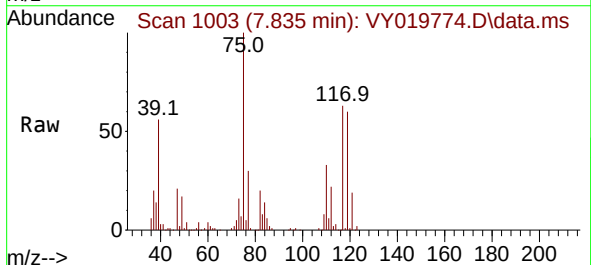
Instrument :
 MSVOA_Y
 ClientSampleId :



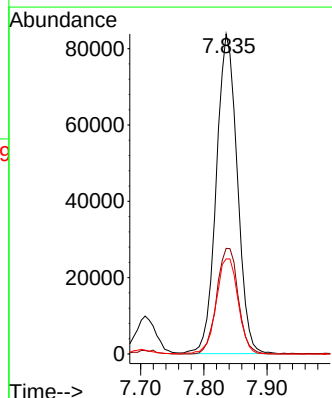
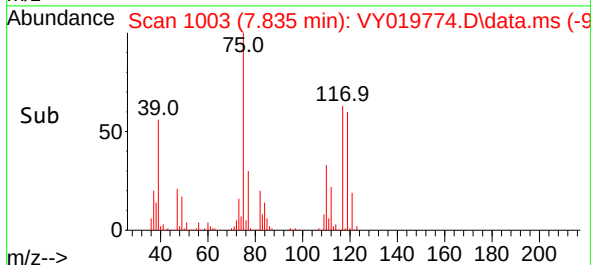
Tgt Ion:113 Resp: 143046
 Ion Ratio Lower Upper
 113 100
 111 101.5 82.2 123.4
 192 17.9 15.9 23.9

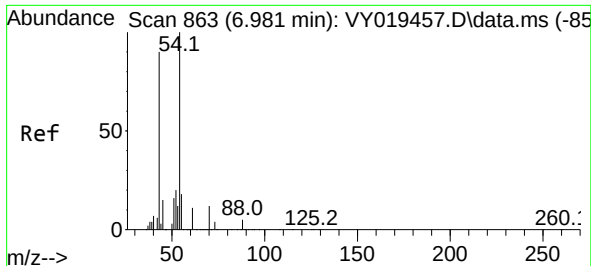


#36
 1,1-Dichloropropene
 Concen: 56.189 ug/l
 RT: 7.835 min Scan# 1003
 Delta R.T. 0.000 min
 Lab File: VY019774.D
 Acq: 02 Oct 2024 18:52



Tgt Ion: 75 Resp: 192695
 Ion Ratio Lower Upper
 75 100
 110 33.8 19.0 57.0
 77 31.3 25.3 37.9





#37

Ethyl Acetate

Concen: 64.244 ug/l

RT: 6.982 min Scan# 80

Delta R.T. 0.000 min

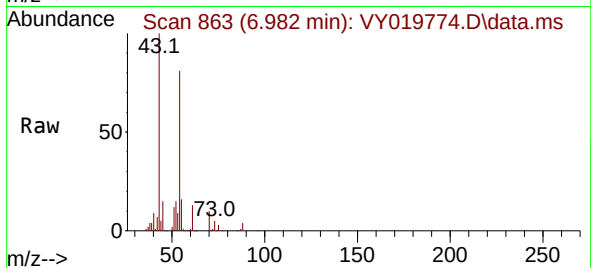
Lab File: VY019774.D

Acq: 02 Oct 2024 18:52

Instrument :

MSVOA_Y

ClientSampleId :



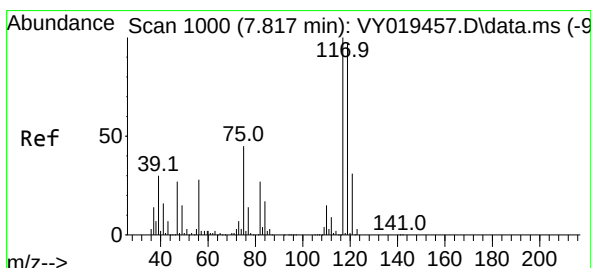
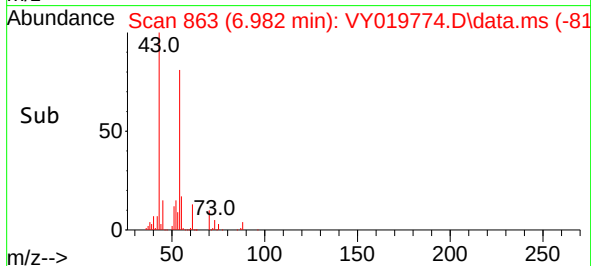
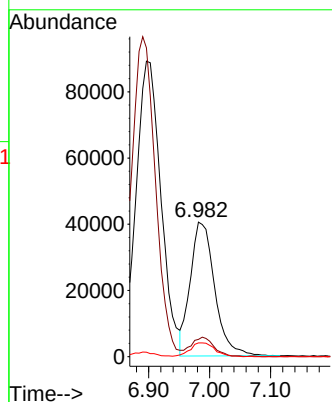
Tgt Ion: 43 Resp: 112886

Ion Ratio Lower Upper

43 100

61 13.7 12.6 19.0

70 10.4 7.8 11.8



#38

Carbon Tetrachloride

Concen: 56.272 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VY019774.D

Acq: 02 Oct 2024 18:52

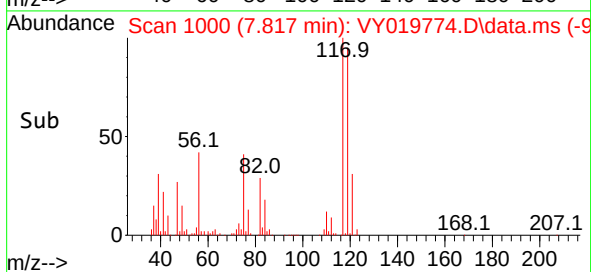
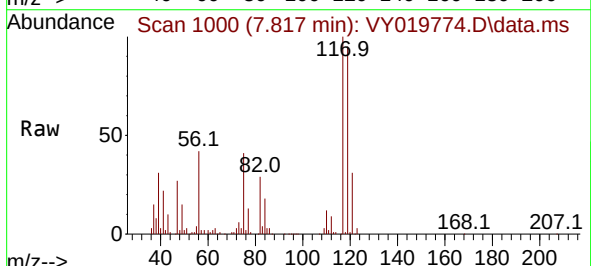
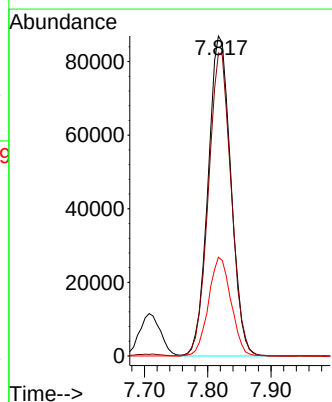
Tgt Ion: 117 Resp: 217618

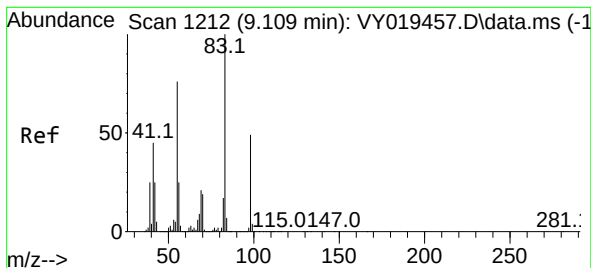
Ion Ratio Lower Upper

117 100

119 94.7 75.8 113.6

121 30.9 24.0 36.0





#39

Methylcyclohexane

Concen: 50.630 ug/l

RT: 9.109 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019774.D

Acq: 02 Oct 2024 18:52

Instrument :

MSVOA_Y

ClientSampleId :

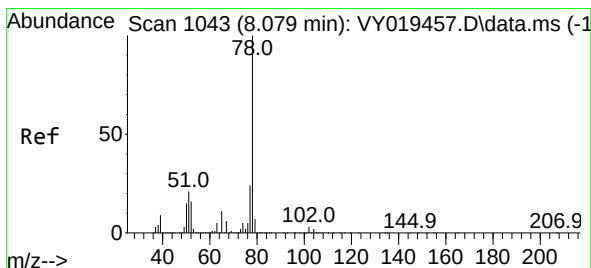
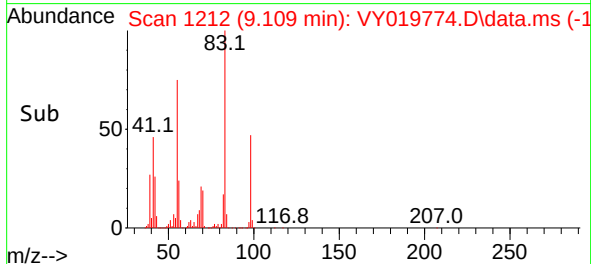
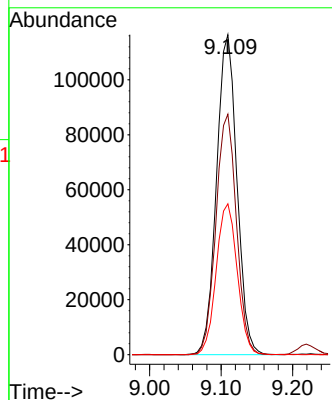
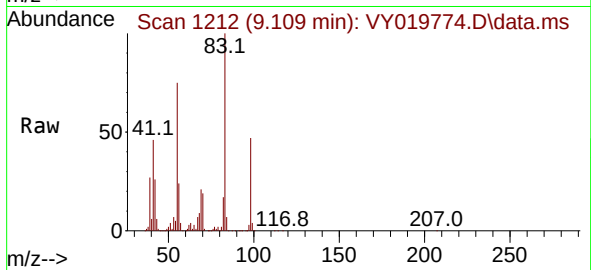
Tgt Ion: 83 Resp: 231065

Ion Ratio Lower Upper

83 100

55 75.2 51.5 77.3

98 47.1 40.5 60.7



#40

Benzene

Concen: 58.466 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VY019774.D

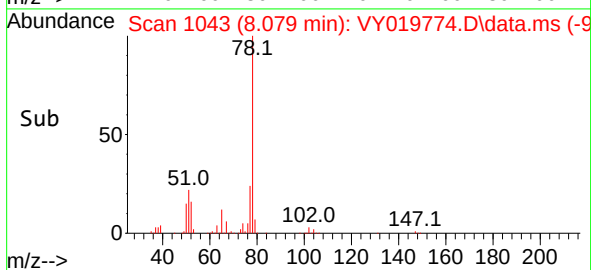
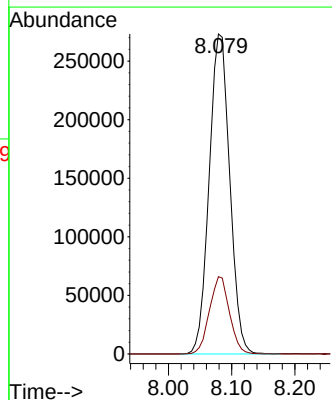
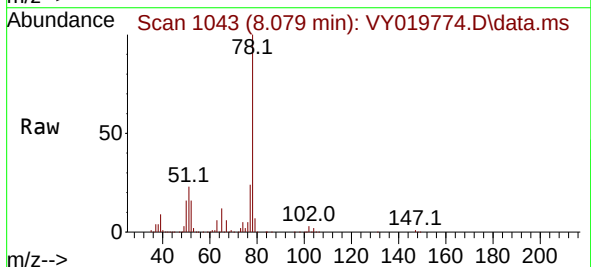
Acq: 02 Oct 2024 18:52

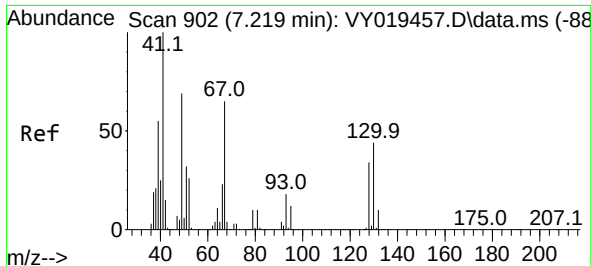
Tgt Ion: 78 Resp: 617560

Ion Ratio Lower Upper

78 100

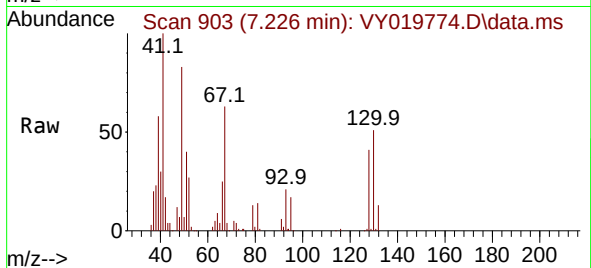
77 24.2 19.5 29.3



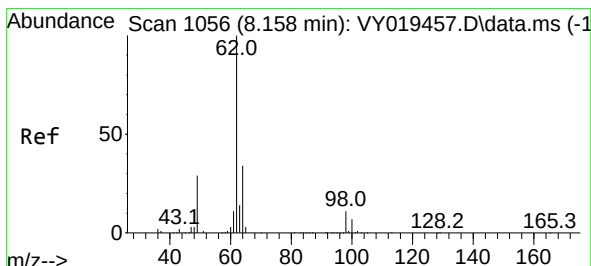
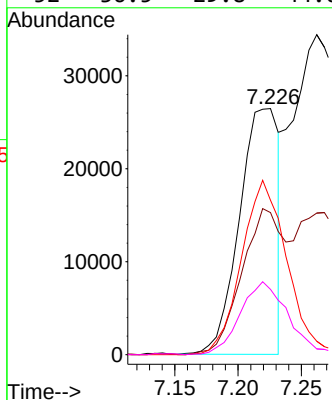
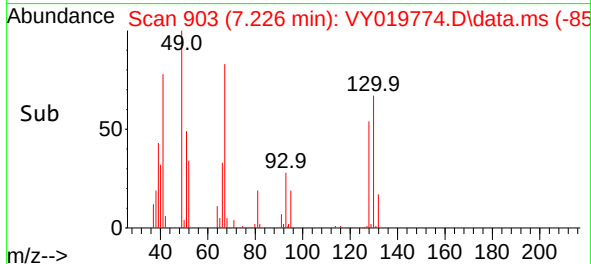


#41
Methacrylonitrile
Concen: 55.813 ug/l
RT: 7.226 min Scan# 902
Delta R.T. 0.006 min
Lab File: VY019774.D
Acq: 02 Oct 2024 18:52

Instrument :
MSVOA_Y
ClientSampleId :

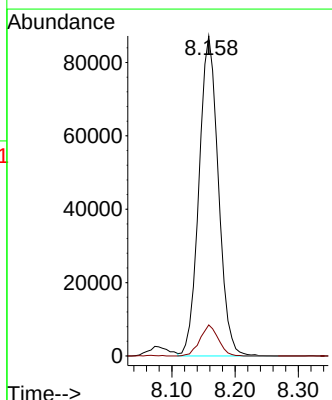
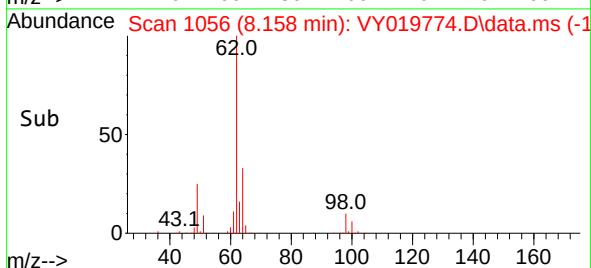
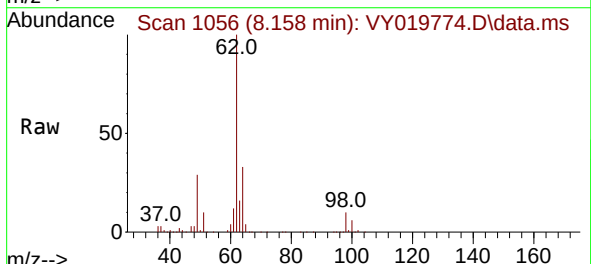


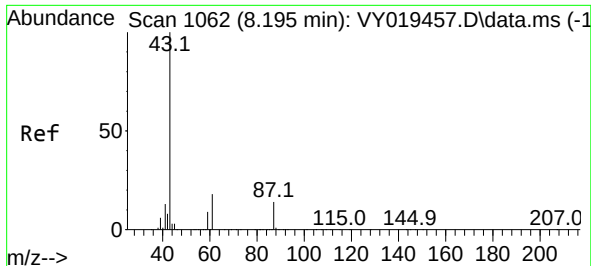
Tgt Ion:	41	Resp:	57168
Ion Ratio	Lower	Upper	
41	100		
39	63.1	48.0	72.0
67	82.2	75.1	112.7
52	36.5	29.8	44.6



#42
1,2-Dichloroethane
Concen: 65.435 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY019774.D
Acq: 02 Oct 2024 18:52

Tgt Ion:	62	Resp:	185984
Ion Ratio	Lower	Upper	
62	100		
98	9.1	0.0	22.0

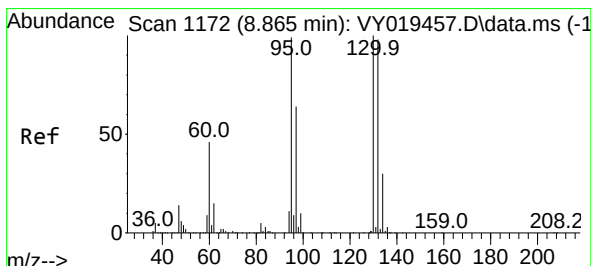
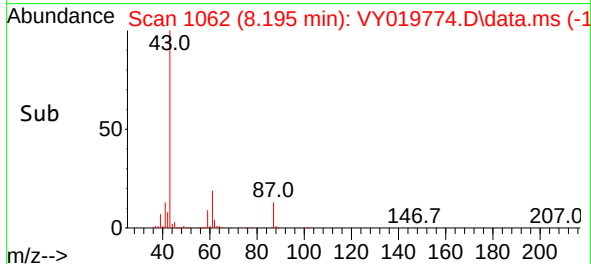
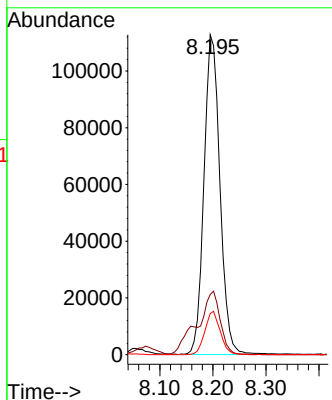
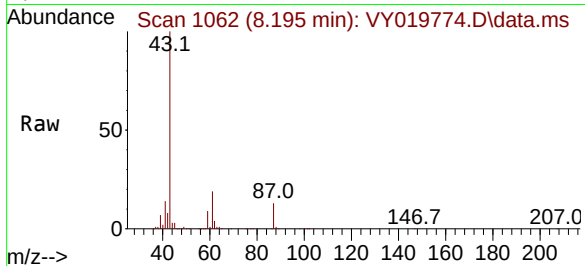




#43
Isopropyl Acetate
Concen: 63.939 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VY019774.D
Acq: 02 Oct 2024 18:52

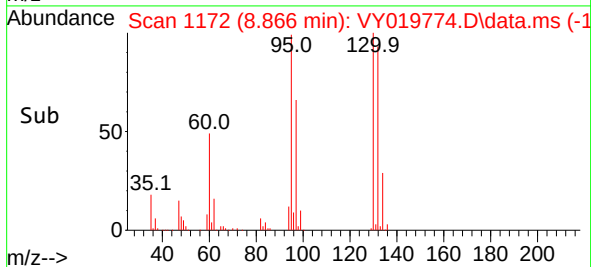
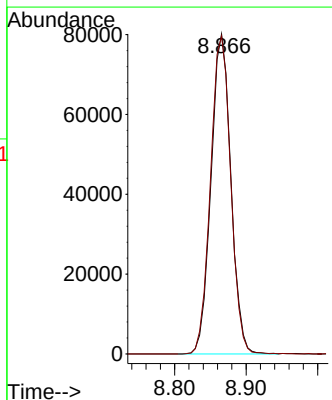
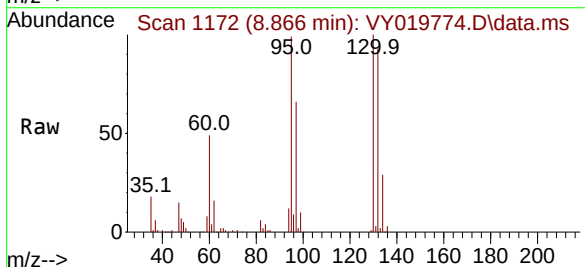
Instrument :
MSVOA_Y
ClientSampleId :

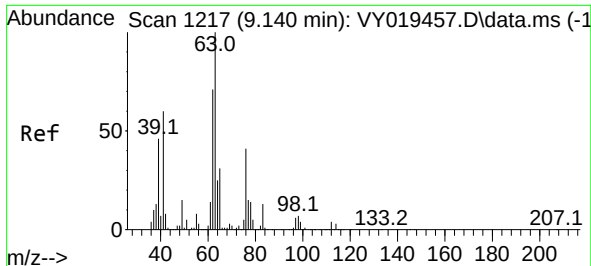
Tgt Ion: 43 Resp: 236036
Ion Ratio Lower Upper
43 100
61 28.8 27.9 41.9
87 13.0 13.1 19.7#



#44
Trichloroethene
Concen: 56.834 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY019774.D
Acq: 02 Oct 2024 18:52

Tgt Ion:130 Resp: 154391
Ion Ratio Lower Upper
130 100
95 99.4 0.0 188.0





#45

1,2-Dichloropropane

Concen: 61.139 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY019774.D

Acq: 02 Oct 2024 18:52

Instrument :

MSVOA_Y

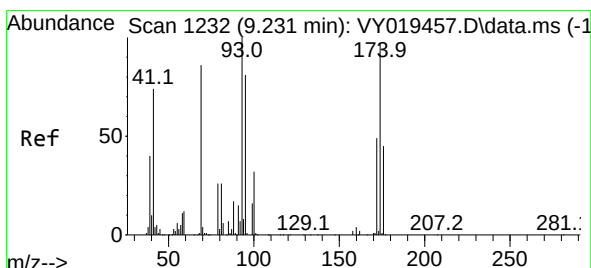
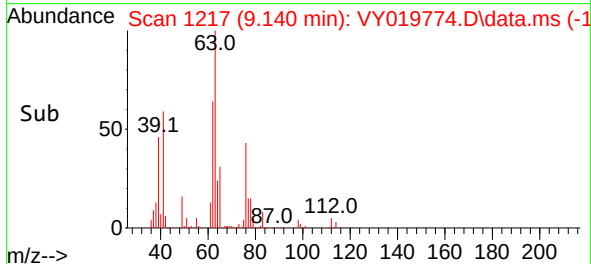
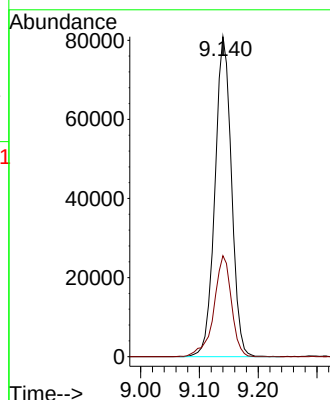
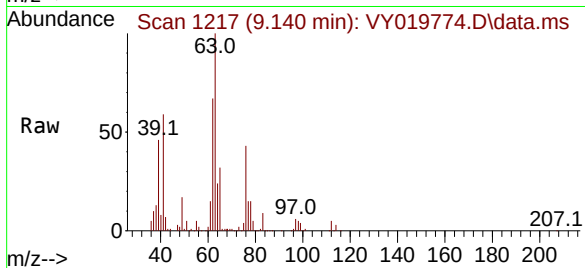
ClientSampleId :

Tgt Ion: 63 Resp: 157879

Ion Ratio Lower Upper

63 100

65 31.6 25.4 38.2



#46

Dibromomethane

Concen: 64.101 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY019774.D

Acq: 02 Oct 2024 18:52

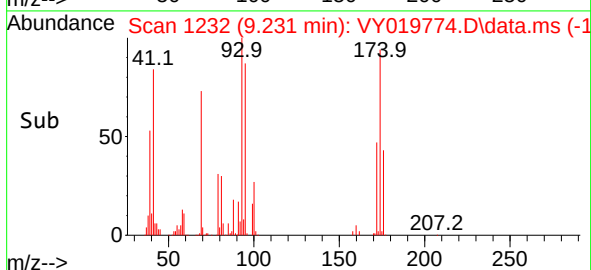
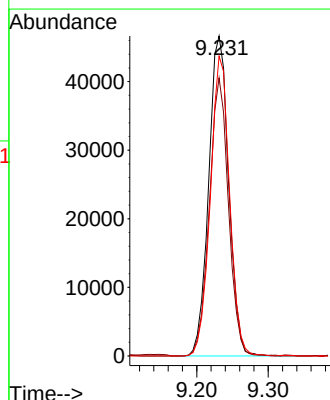
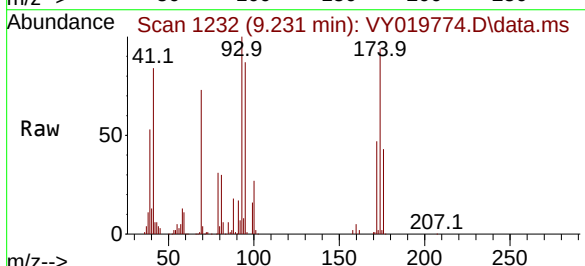
Tgt Ion: 93 Resp: 90519

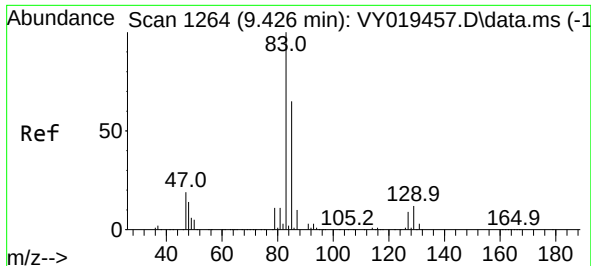
Ion Ratio Lower Upper

93 100

95 83.4 66.2 99.4

174 90.4 80.9 121.3





#47

Bromodichloromethane

Concen: 62.920 ug/l

RT: 9.420 min Scan# 1263

Delta R.T. -0.006 min

Lab File: VY019774.D

Acq: 02 Oct 2024 18:52

Instrument :

MSVOA_Y

ClientSampleId :

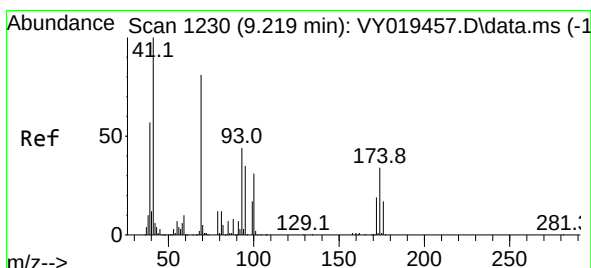
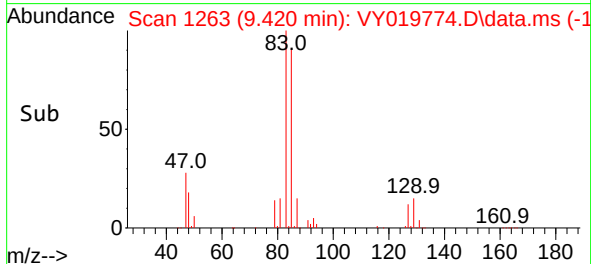
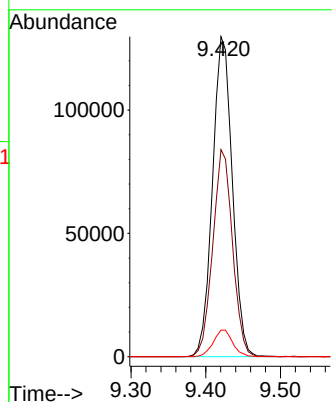
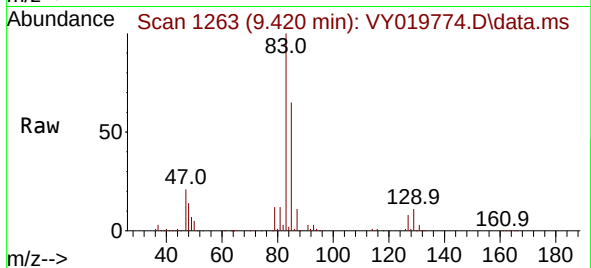
Tgt Ion: 83 Resp: 238841

Ion Ratio Lower Upper

83 100

85 64.7 50.1 75.1

127 8.3 7.4 11.0



#48

Methyl methacrylate

Concen: 62.941 ug/l

RT: 9.219 min Scan# 1230

Delta R.T. 0.000 min

Lab File: VY019774.D

Acq: 02 Oct 2024 18:52

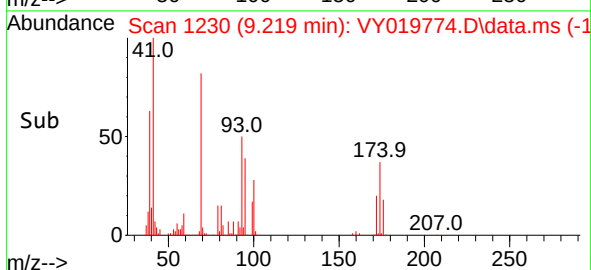
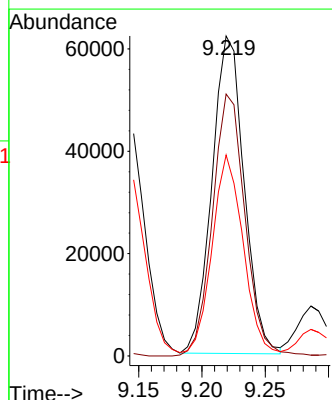
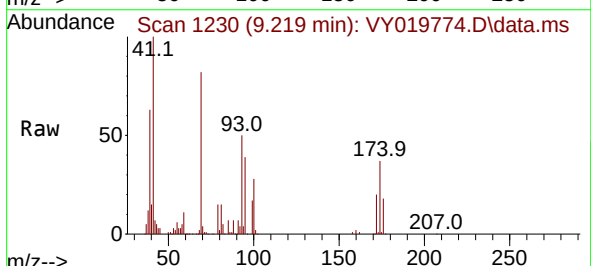
Tgt Ion: 41 Resp: 109725

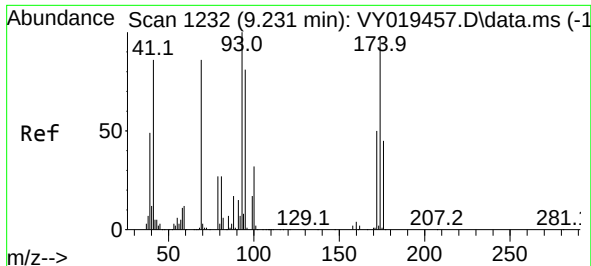
Ion Ratio Lower Upper

41 100

69 83.6 84.1 126.1#

39 59.5 43.6 65.4





#49

1,4-Dioxane

Concen: 1275.385 ug/l

RT: 9.231 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019774.D

Acq: 02 Oct 2024 18:52

Instrument :

MSVOA_Y

ClientSampleId :

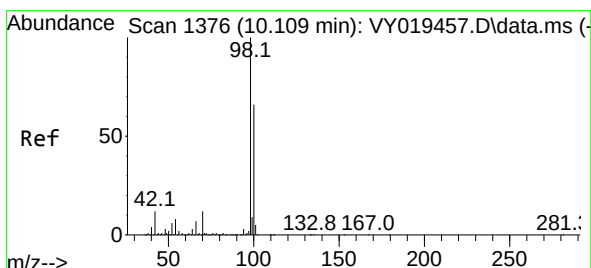
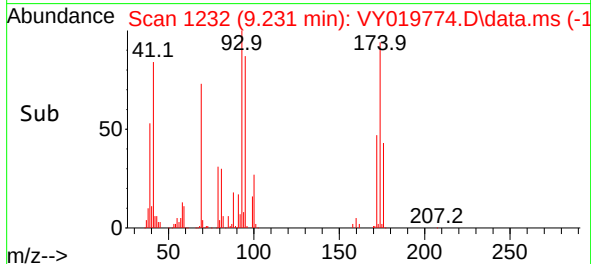
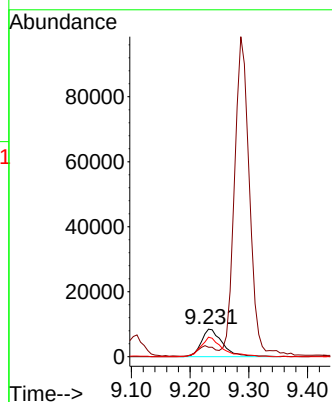
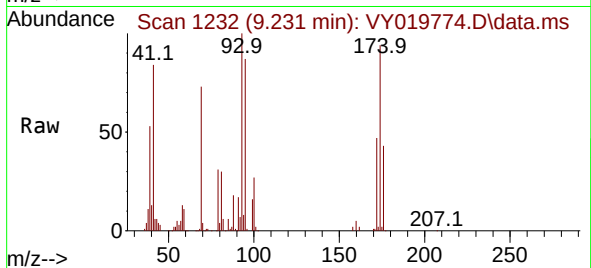
Tgt Ion: 88 Resp: 21202

Ion Ratio Lower Upper

88 100

43 31.7 0.0 0.0#

58 72.4 49.3 73.9



#50

Toluene-d8

Concen: 52.922 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY019774.D

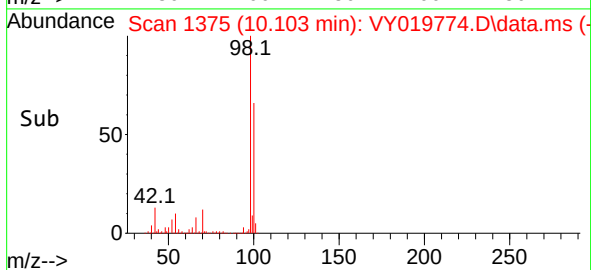
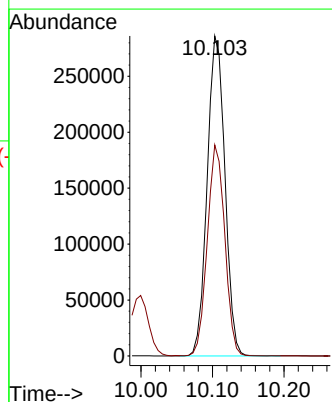
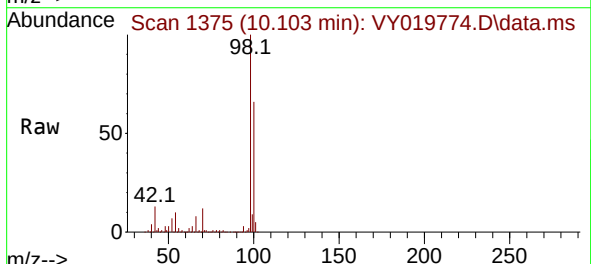
Acq: 02 Oct 2024 18:52

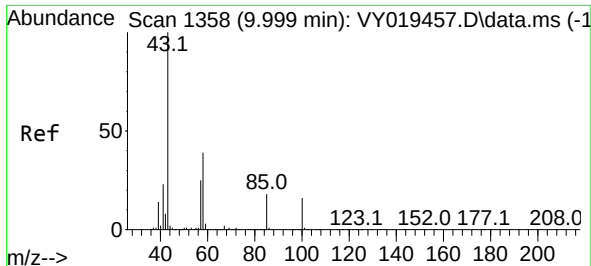
Tgt Ion: 98 Resp: 493338

Ion Ratio Lower Upper

98 100

100 65.0 52.0 78.0

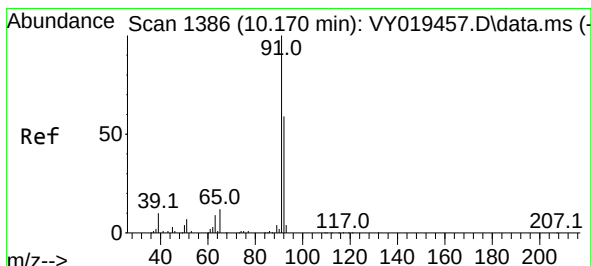
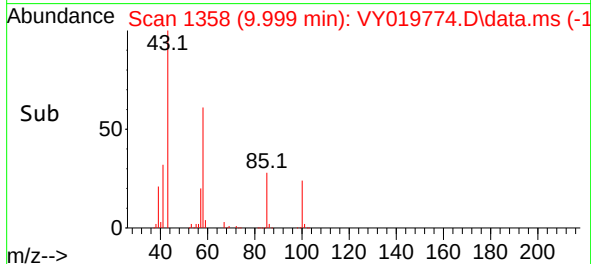
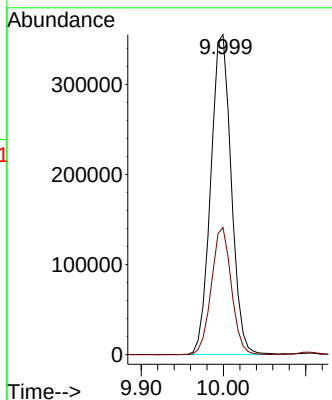
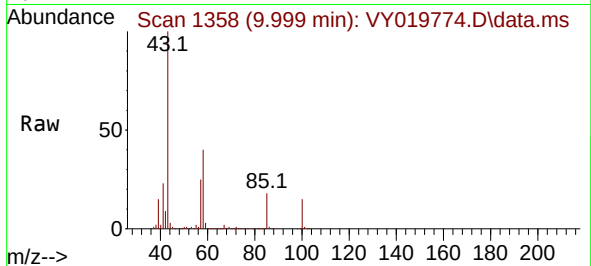




#51
4-Methyl-2-Pentanone
Concen: 331.436 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY019774.D
Acq: 02 Oct 2024 18:52

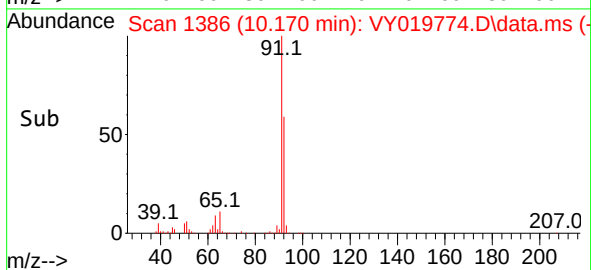
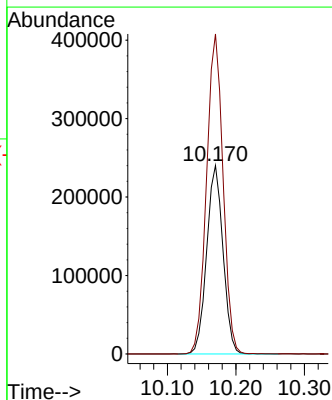
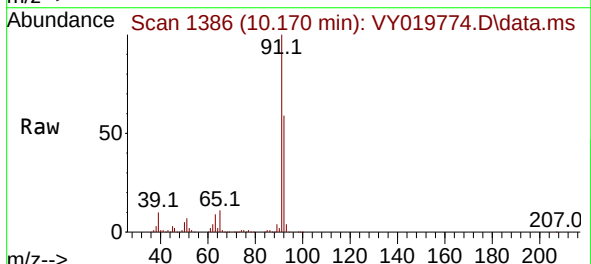
Instrument :
MSVOA_Y
ClientSampleId :

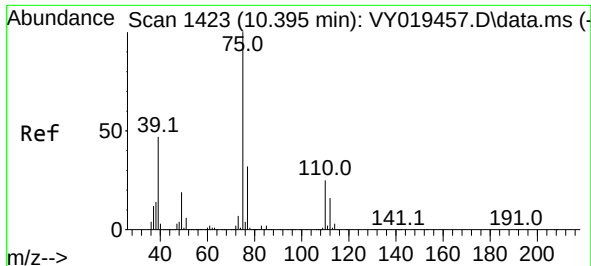
Tgt Ion: 43 Resp: 615547
Ion Ratio Lower Upper
43 100
58 38.8 35.7 53.5



#52
Toluene
Concen: 58.496 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY019774.D
Acq: 02 Oct 2024 18:52

Tgt Ion: 92 Resp: 397380
Ion Ratio Lower Upper
92 100
91 171.6 139.0 208.6





#53

t-1,3-Dichloropropene

Concen: 59.035 ug/l

RT: 10.390 min Scan# 1423

Delta R.T. -0.006 min

Lab File: VY019774.D

Acq: 02 Oct 2024 18:52

Instrument :

MSVOA_Y

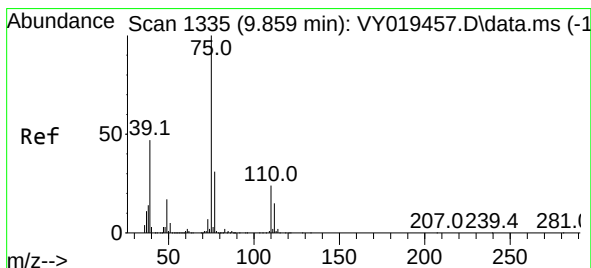
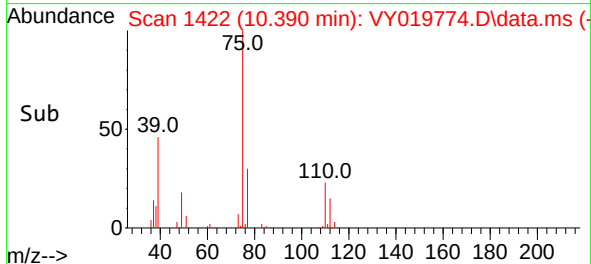
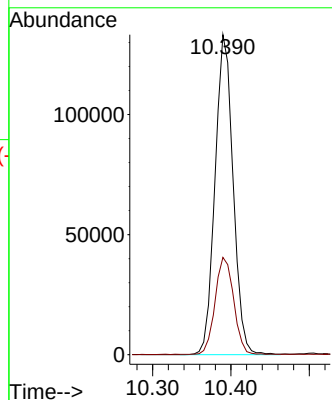
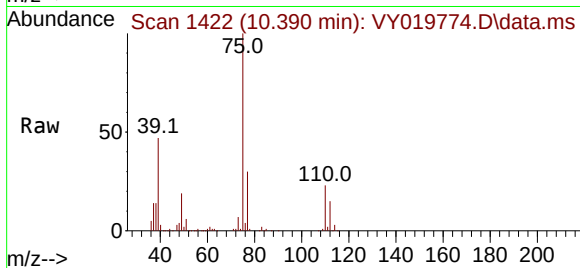
ClientSampleId :

Tgt Ion: 75 Resp: 213621

Ion Ratio Lower Upper

75 100

77 30.3 24.1 36.1



#54

cis-1,3-Dichloropropene

Concen: 58.563 ug/l

RT: 9.853 min Scan# 1334

Delta R.T. -0.006 min

Lab File: VY019774.D

Acq: 02 Oct 2024 18:52

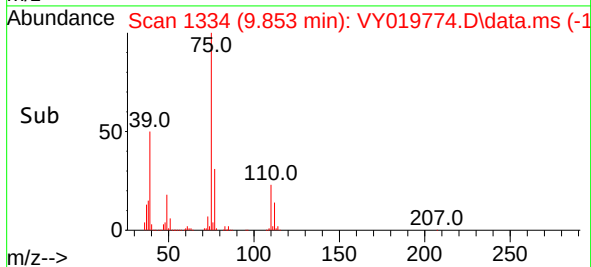
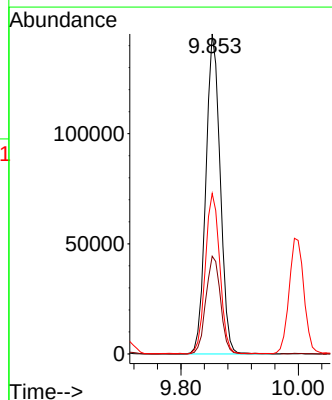
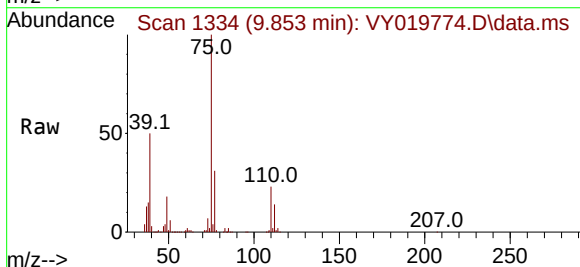
Tgt Ion: 75 Resp: 246754

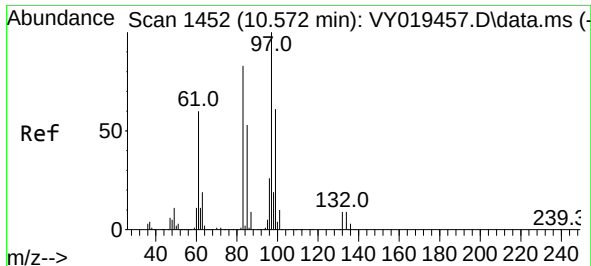
Ion Ratio Lower Upper

75 100

77 30.6 25.4 38.0

39 49.9 29.8 44.6#





#55

1,1,2-Trichloroethane

Concen: 63.121 ug/l

RT: 10.566 min Scan# 1451

Delta R.T. -0.006 min

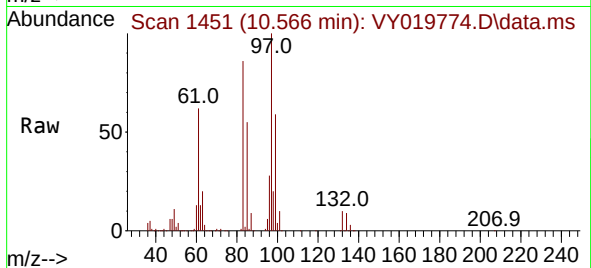
Lab File: VY019774.D

Acq: 02 Oct 2024 18:52

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 97 Resp: 123092

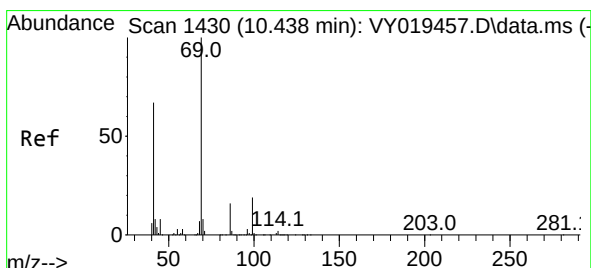
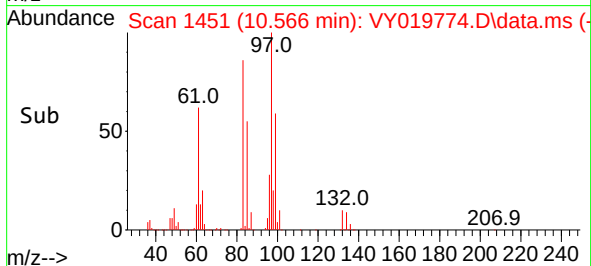
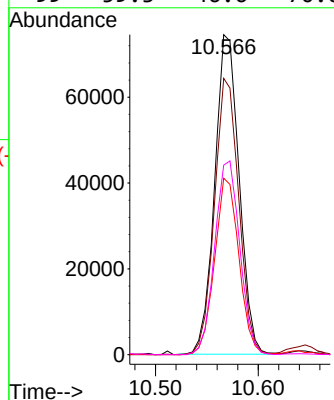
Ion Ratio Lower Upper

97 100

83 86.5 67.5 101.3

85 55.2 42.9 64.3

99 59.3 46.6 70.0



#56

Ethyl methacrylate

Concen: 62.576 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VY019774.D

Acq: 02 Oct 2024 18:52

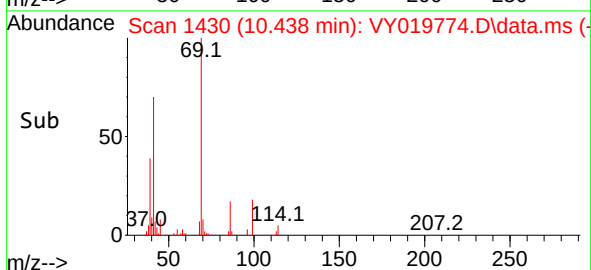
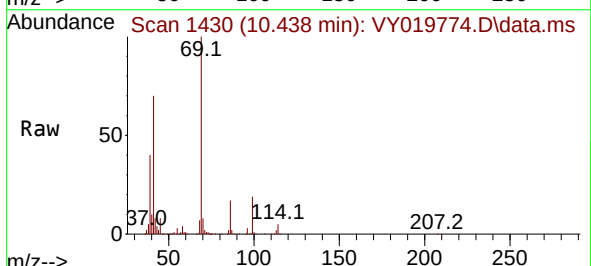
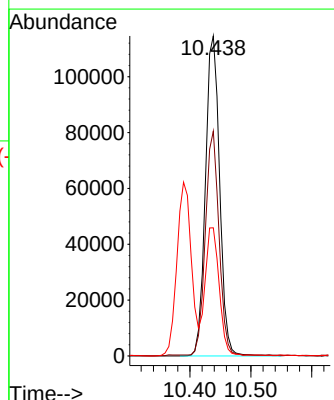
Tgt Ion: 69 Resp: 185371

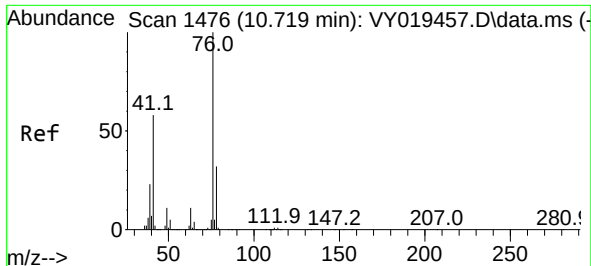
Ion Ratio Lower Upper

69 100

41 67.2 42.3 63.5#

39 39.4 22.9 34.3#





#57

1,3-Dichloropropane

Concen: 63.341 ug/l

RT: 10.713 min Scan# 1476

Delta R.T. -0.006 min

Lab File: VY019774.D

Acq: 02 Oct 2024 18:52

Instrument :

MSVOA_Y

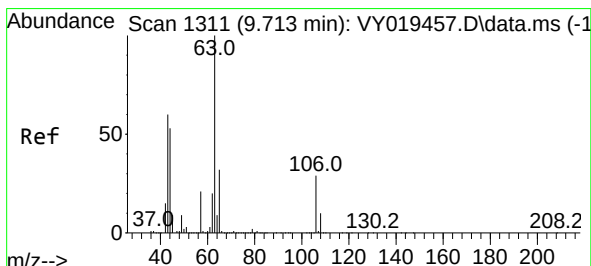
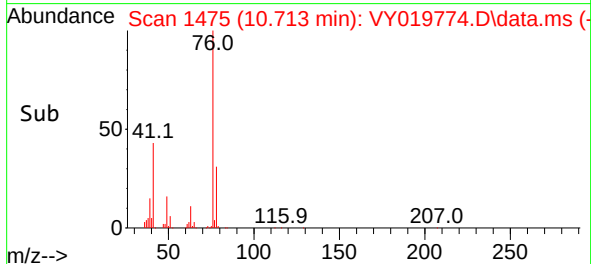
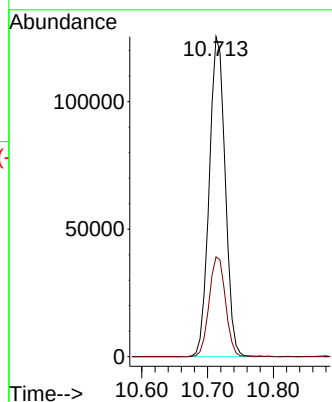
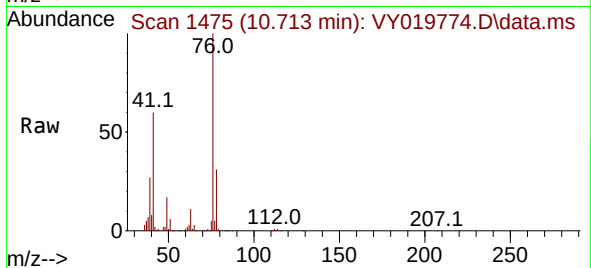
ClientSampleId :

Tgt Ion: 76 Resp: 212326

Ion Ratio Lower Upper

76 100

78 31.9 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 324.985 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. -0.006 min

Lab File: VY019774.D

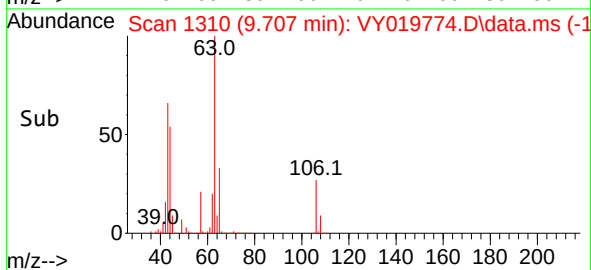
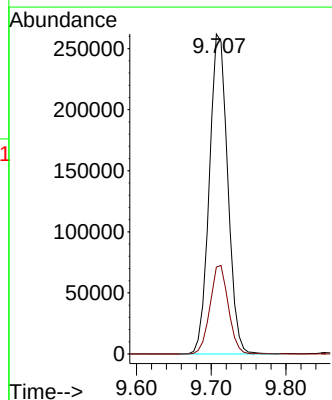
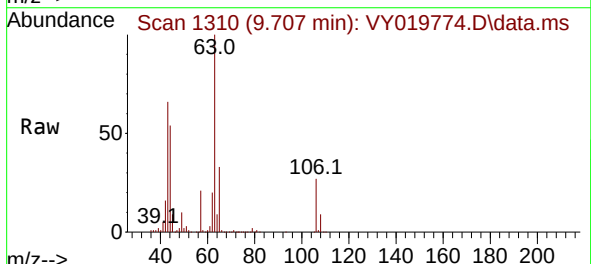
Acq: 02 Oct 2024 18:52

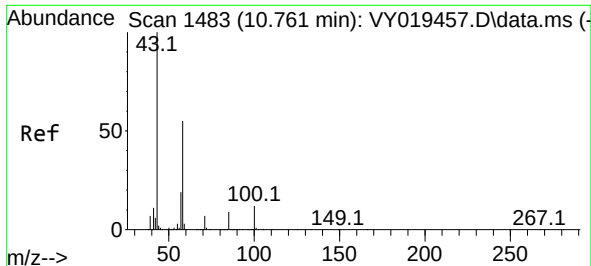
Tgt Ion: 63 Resp: 446826

Ion Ratio Lower Upper

63 100

106 27.6 23.7 35.5

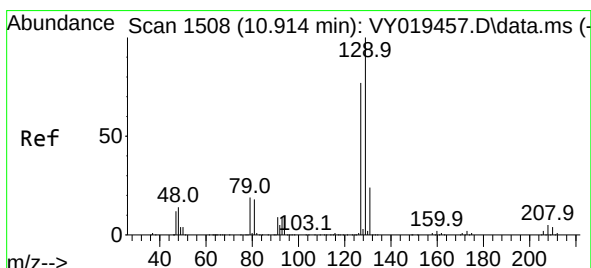
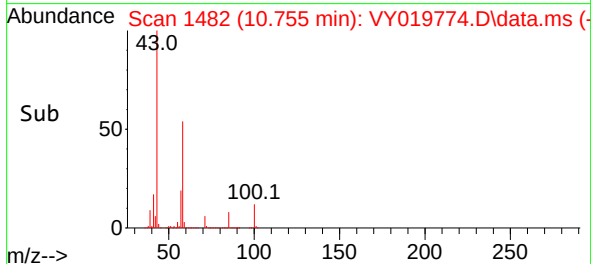
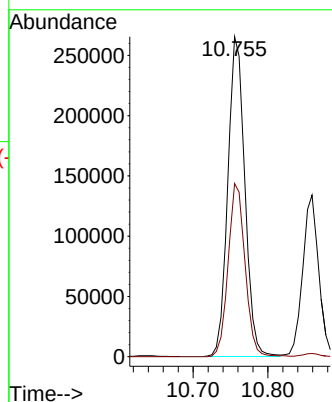
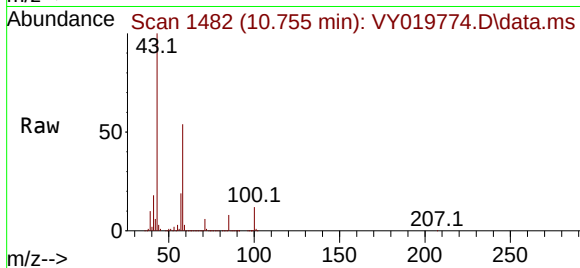




#59
2-Hexanone
Concen: 308.354 ug/l
RT: 10.755 min Scan# 1482
Delta R.T. -0.006 min
Lab File: VY019774.D
Acq: 02 Oct 2024 18:52

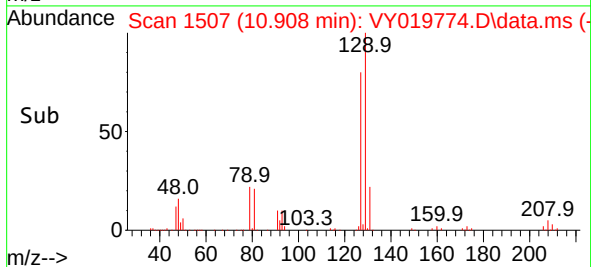
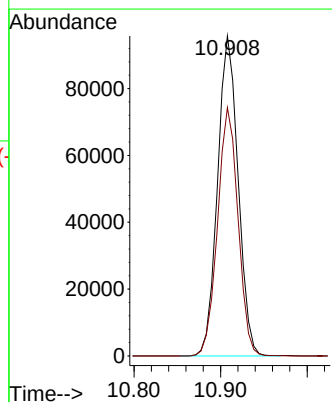
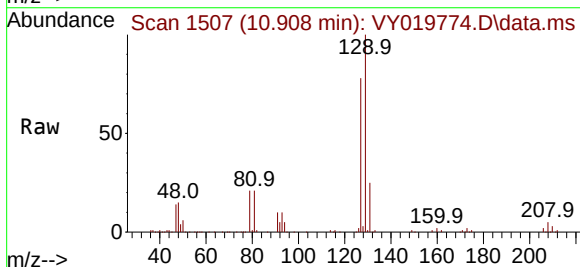
Instrument :
MSVOA_Y
ClientSampleId :

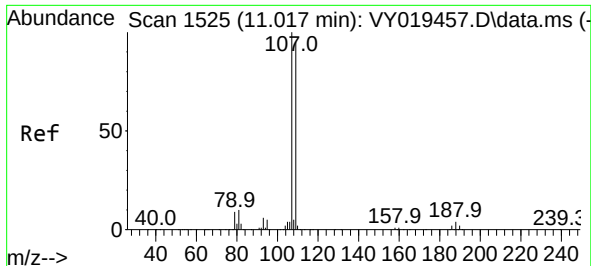
Tgt Ion: 43 Resp: 419850
Ion Ratio Lower Upper
43 100
58 53.9 31.4 94.0



#60
Dibromochloromethane
Concen: 61.199 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.006 min
Lab File: VY019774.D
Acq: 02 Oct 2024 18:52

Tgt Ion: 129 Resp: 157872
Ion Ratio Lower Upper
129 100
127 77.2 39.0 117.0

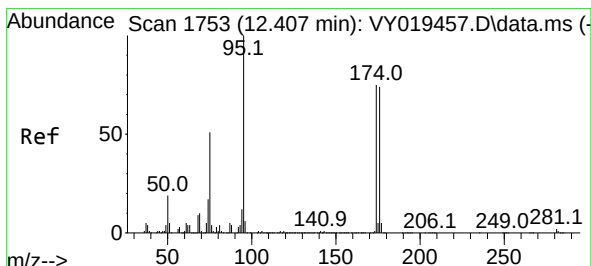
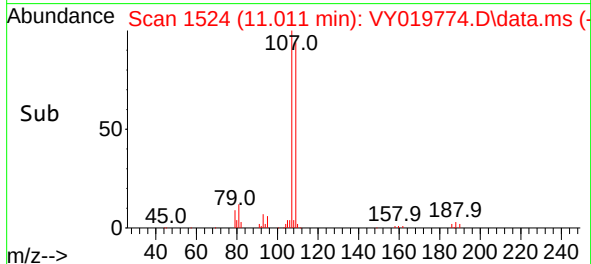
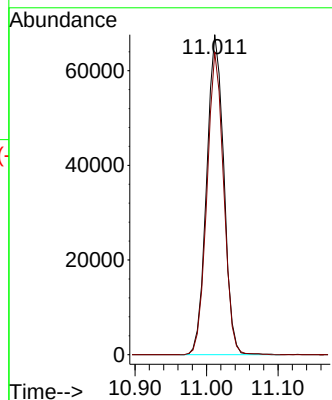
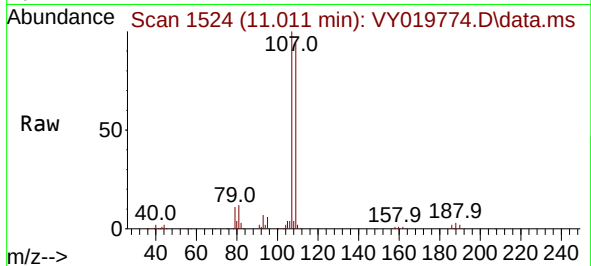




#61
1,2-Dibromoethane
Concen: 61.923 ug/l
RT: 11.011 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019774.D
Acq: 02 Oct 2024 18:52

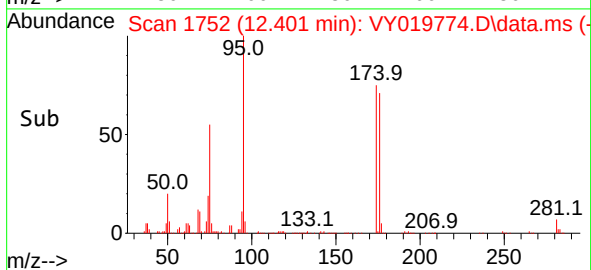
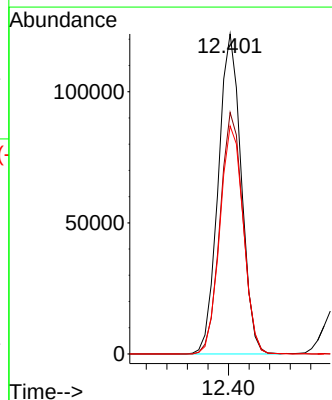
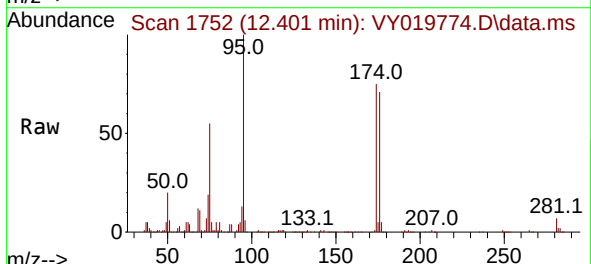
Instrument :
MSVOA_Y
ClientSampleId :

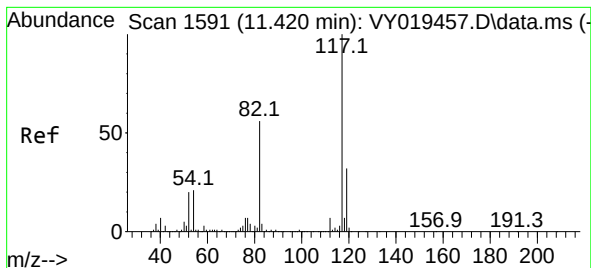
Tgt Ion:107 Resp: 112514
Ion Ratio Lower Upper
107 100
109 92.2 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 52.684 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY019774.D
Acq: 02 Oct 2024 18:52

Tgt Ion: 95 Resp: 188838
Ion Ratio Lower Upper
95 100
174 75.6 0.0 175.6
176 72.9 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: VY019774.D

Acq: 02 Oct 2024 18:52

Instrument :

MSVOA_Y

ClientSampleId :

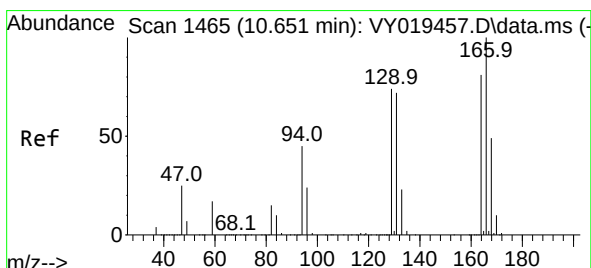
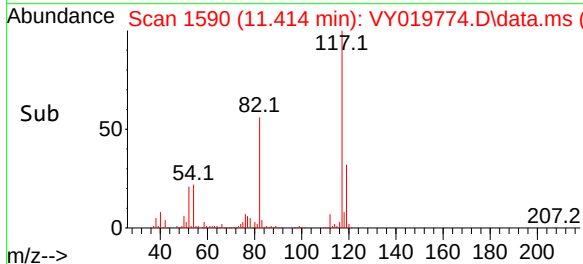
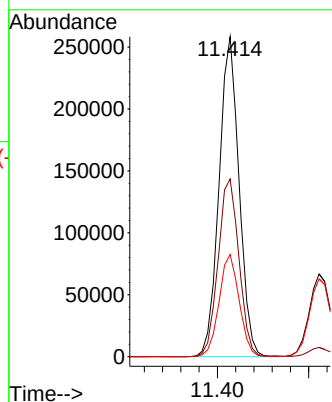
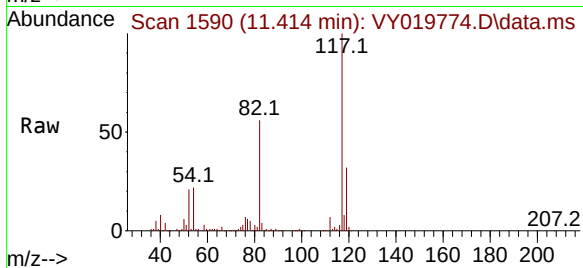
Tgt Ion:117 Resp: 393109

Ion Ratio Lower Upper

117 100

82 55.6 42.4 63.6

119 31.9 25.9 38.9



#64

Tetrachloroethene

Concen: 56.237 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VY019774.D

Acq: 02 Oct 2024 18:52

Tgt Ion:164 Resp: 136899

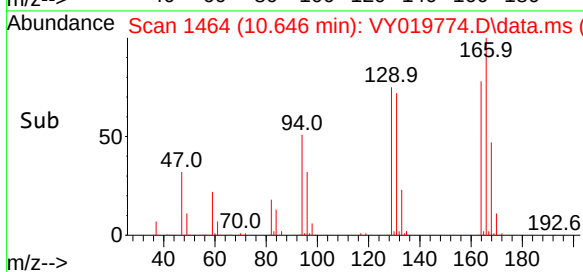
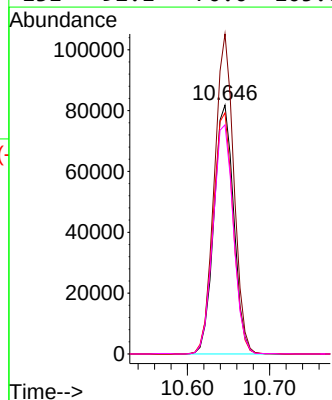
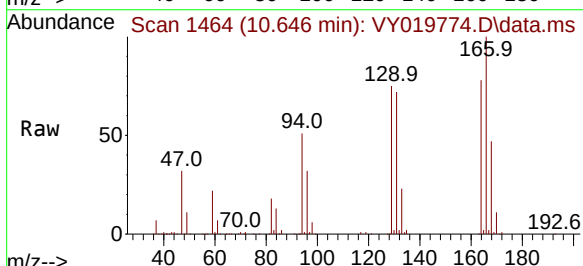
Ion Ratio Lower Upper

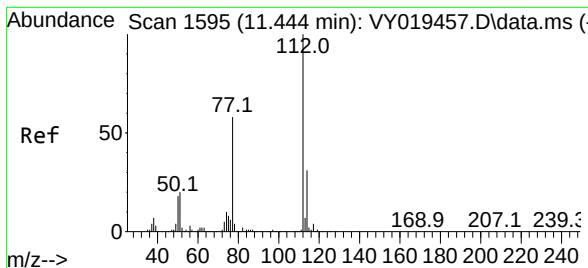
164 100

166 128.6 102.6 154.0

129 96.9 72.0 108.0

131 92.1 70.0 105.0





#65

Chlorobenzene

Concen: 57.274 ug/l

RT: 11.438 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY019774.D

Acq: 02 Oct 2024 18:52

Instrument :

MSVOA_Y

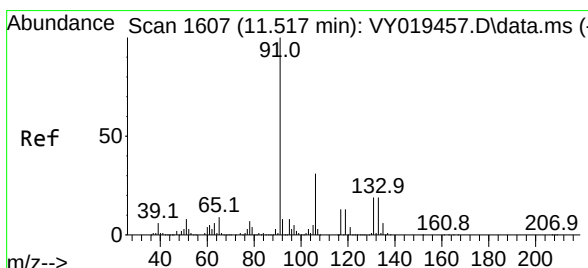
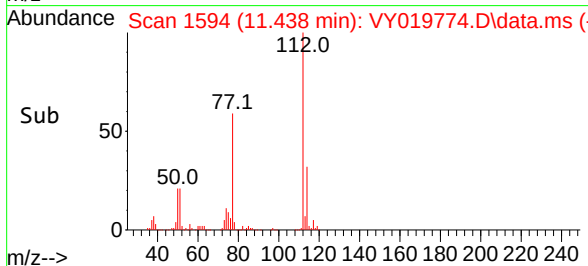
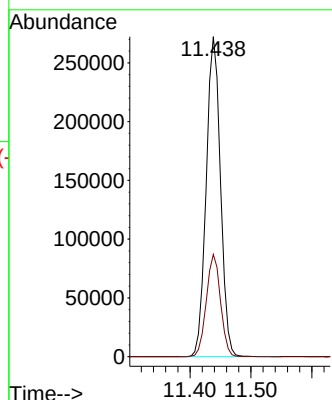
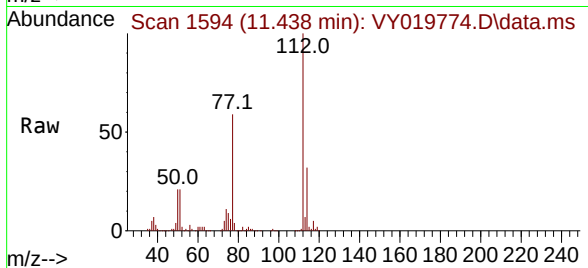
ClientSampleId :

Tgt Ion:112 Resp: 442880

Ion Ratio Lower Upper

112 100

114 32.0 26.4 39.6



#66

1,1,1,2-Tetrachloroethane

Concen: 57.953 ug/l

RT: 11.511 min Scan# 1606

Delta R.T. -0.006 min

Lab File: VY019774.D

Acq: 02 Oct 2024 18:52

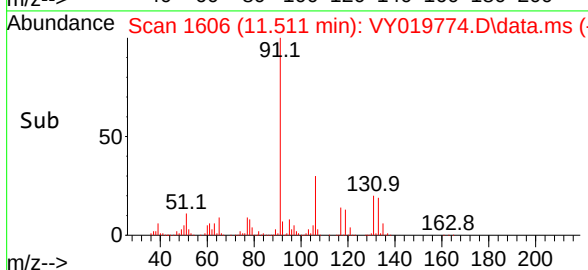
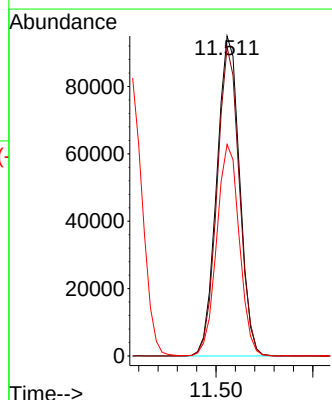
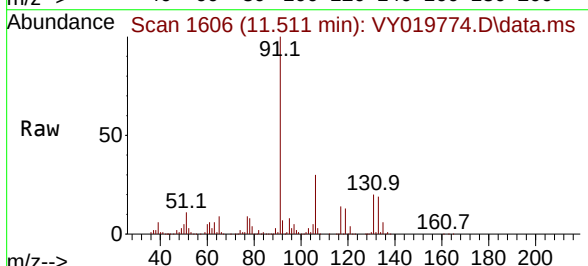
Tgt Ion:131 Resp: 155158

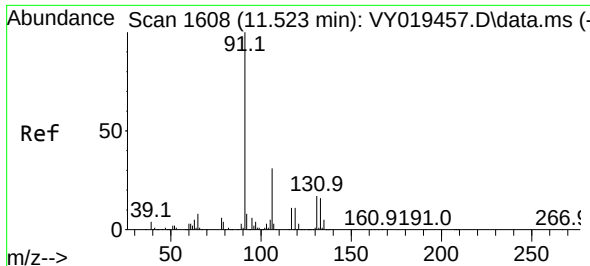
Ion Ratio Lower Upper

131 100

133 94.3 47.8 143.3

119 65.8 34.1 102.2

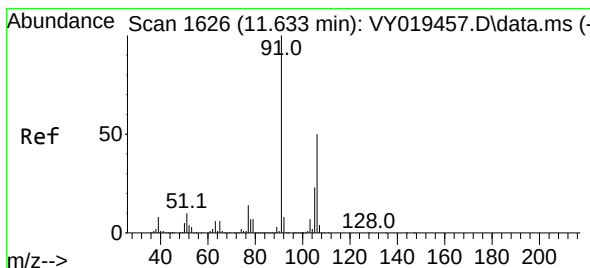
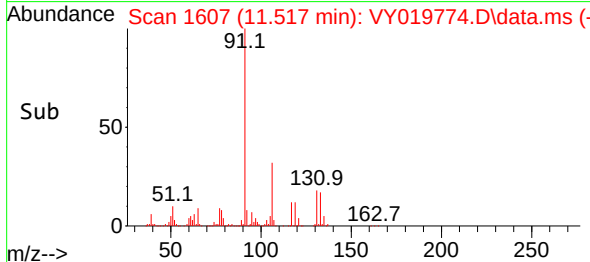
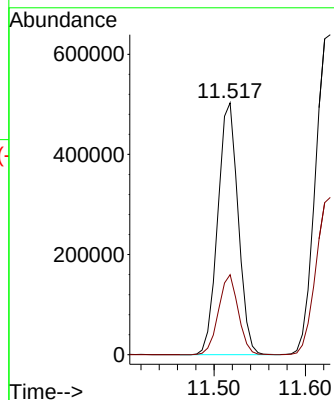
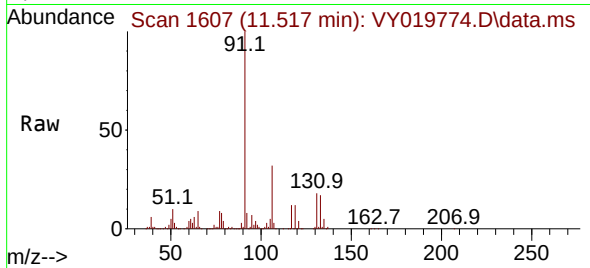




#67
Ethyl Benzene
Concen: 56.721 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.006 min
Lab File: VY019774.D
Acq: 02 Oct 2024 18:52

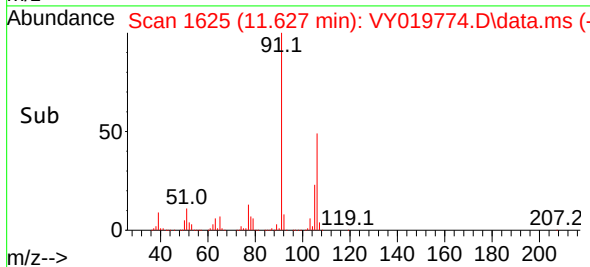
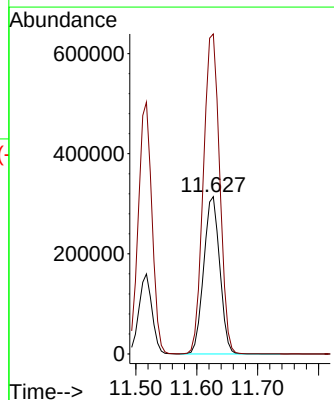
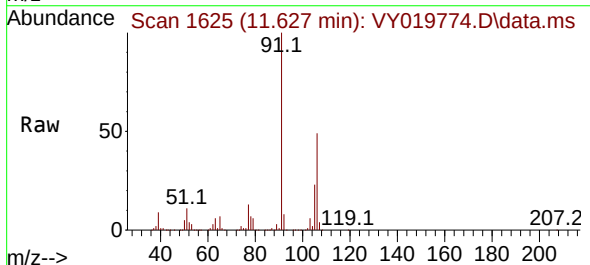
Instrument :
MSVOA_Y
ClientSampleId :

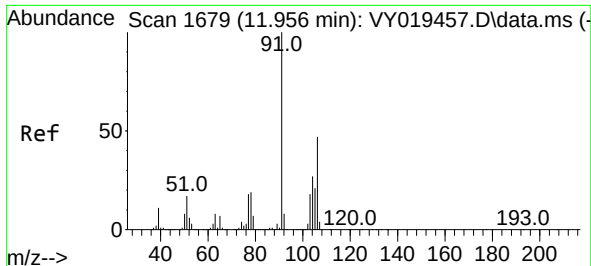
Tgt Ion: 91 Resp: 779334
Ion Ratio Lower Upper
91 100
106 31.8 24.5 36.7



#68
m/p-Xylenes
Concen: 110.686 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.006 min
Lab File: VY019774.D
Acq: 02 Oct 2024 18:52

Tgt Ion:106 Resp: 575044
Ion Ratio Lower Upper
106 100
91 206.9 156.0 234.0





#69

o-Xylene

Concen: 56.176 ug/l

RT: 11.950 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY019774.D

Acq: 02 Oct 2024 18:52

Instrument :

MSVOA_Y

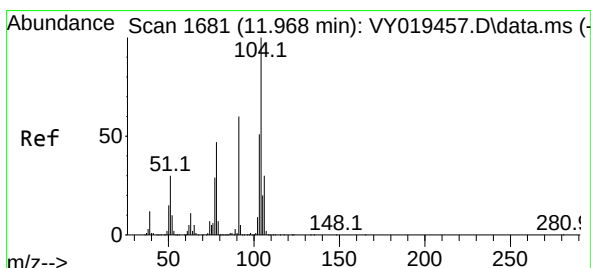
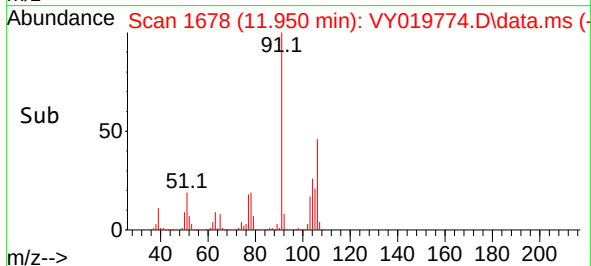
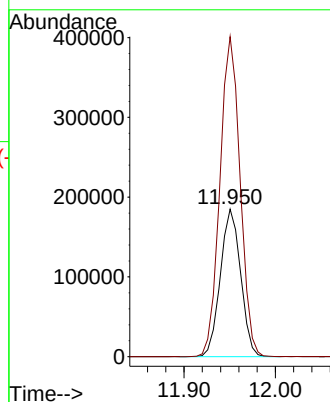
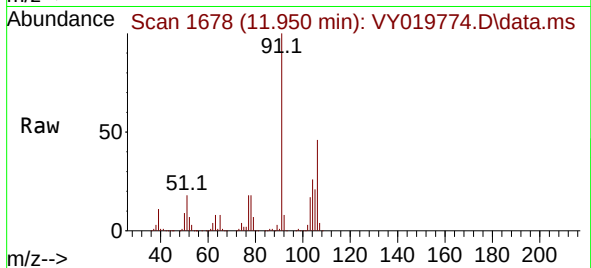
ClientSampleId :

Tgt Ion:106 Resp: 285421

Ion Ratio Lower Upper

106 100

91 216.6 103.6 310.8



#70

Styrene

Concen: 57.030 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. 0.000 min

Lab File: VY019774.D

Acq: 02 Oct 2024 18:52

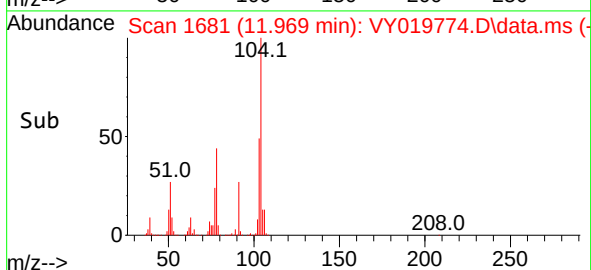
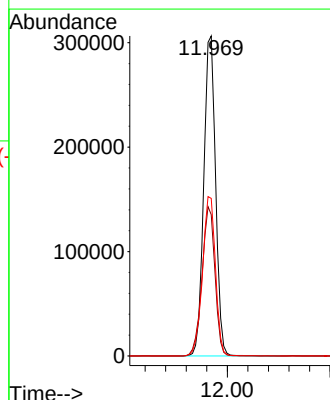
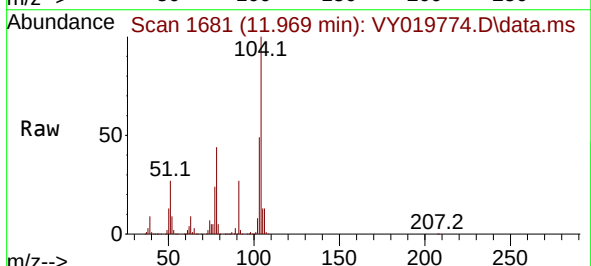
Tgt Ion:104 Resp: 489219

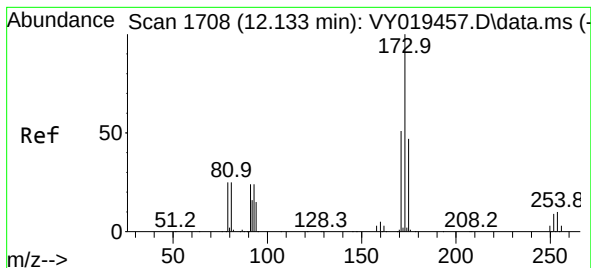
Ion Ratio Lower Upper

104 100

78 51.1 37.0 55.4

103 54.5 44.2 66.2





#71

Bromoform

Concen: 58.925 ug/l

RT: 12.127 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY019774.D

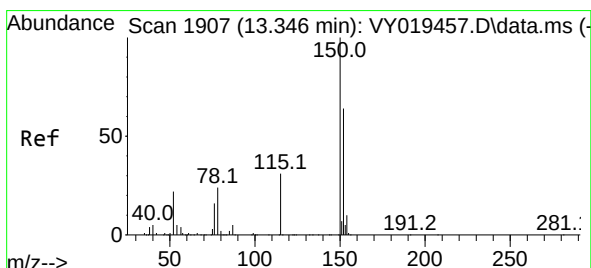
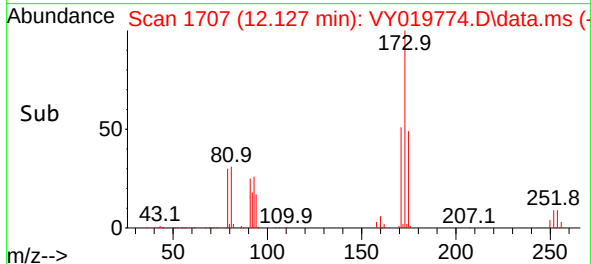
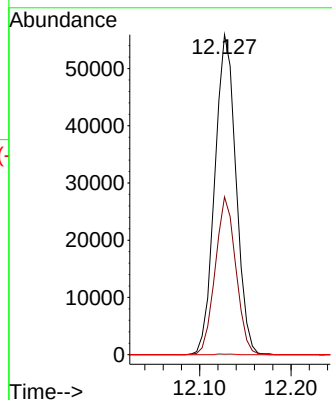
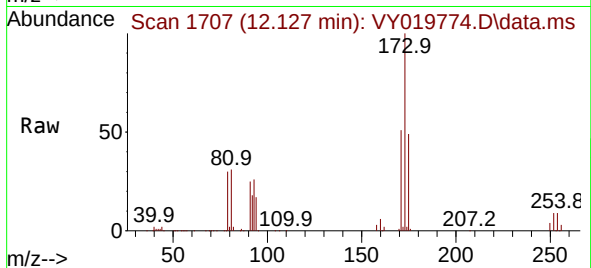
Acq: 02 Oct 2024 18:52

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:173	Resp:	90108
Ion Ratio	Lower	Upper
173	100	
175	48.0	25.1 75.3
254	0.2	0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

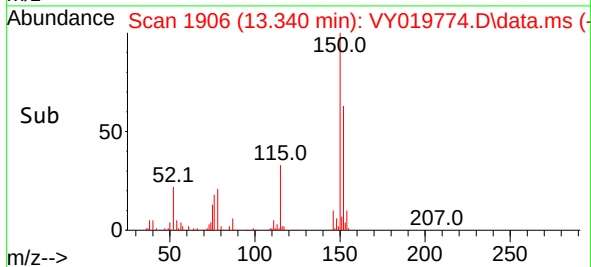
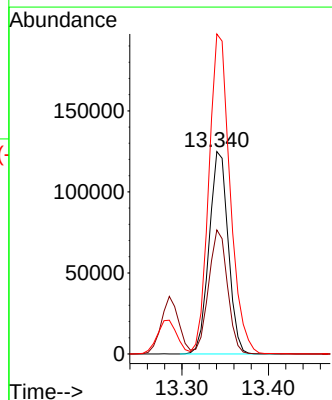
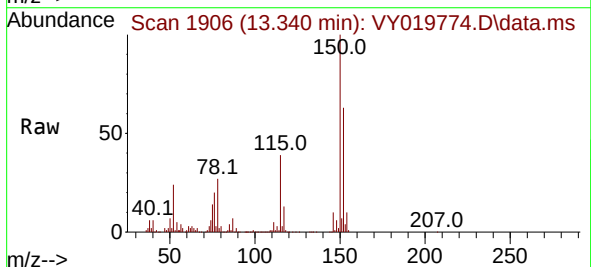
RT: 13.340 min Scan# 1906

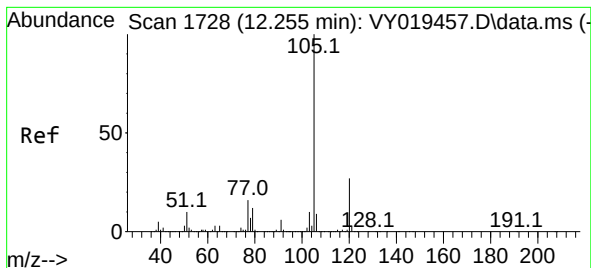
Delta R.T. -0.006 min

Lab File: VY019774.D

Acq: 02 Oct 2024 18:52

Tgt Ion:152	Resp:	191041
Ion Ratio	Lower	Upper
152	100	
115	60.6	28.2 84.7
150	175.7	0.0 345.6





#73

Isopropylbenzene

Concen: 54.115 ug/l

RT: 12.249 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY019774.D

Acq: 02 Oct 2024 18:52

Instrument :

MSVOA_Y

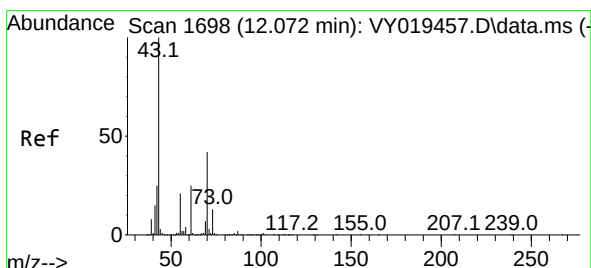
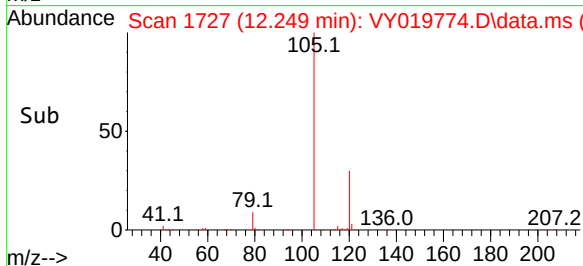
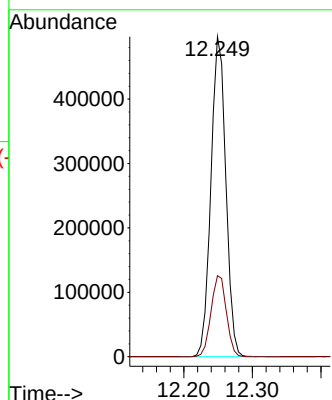
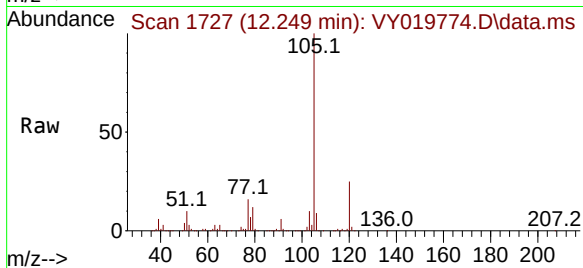
ClientSampleId :

Tgt Ion:105 Resp: 750010

Ion Ratio Lower Upper

105 100

120 26.0 13.4 40.1



#74

N-ethyl acetate

Concen: 57.721 ug/l

RT: 12.066 min Scan# 1697

Delta R.T. -0.006 min

Lab File: VY019774.D

Acq: 02 Oct 2024 18:52

Tgt Ion: 43 Resp: 217566

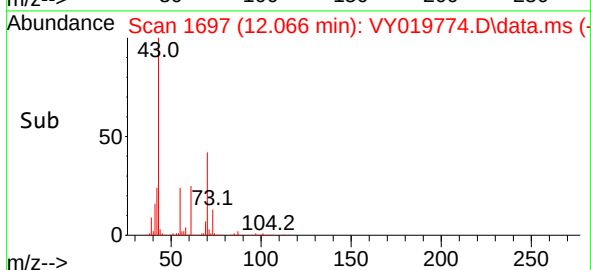
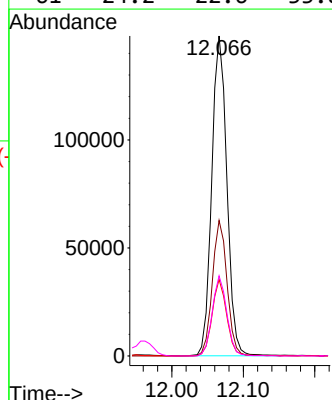
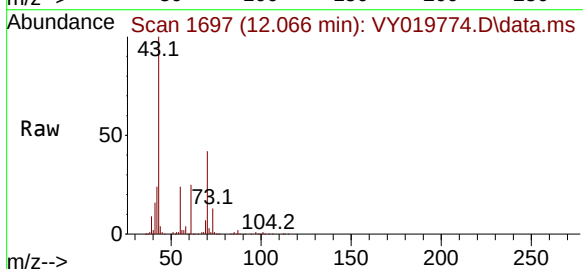
Ion Ratio Lower Upper

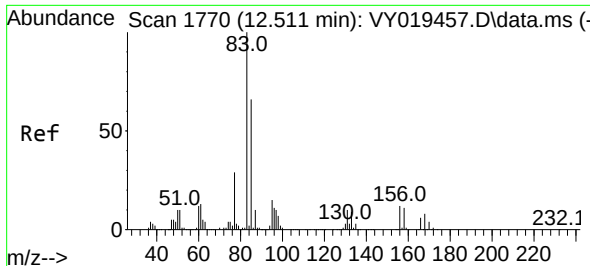
43 100

70 41.4 41.4 62.2#

55 23.2 23.3 34.9#

61 24.2 22.6 33.8

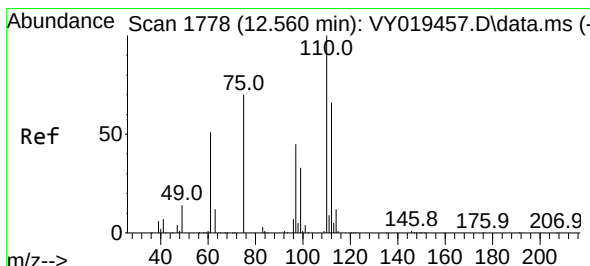
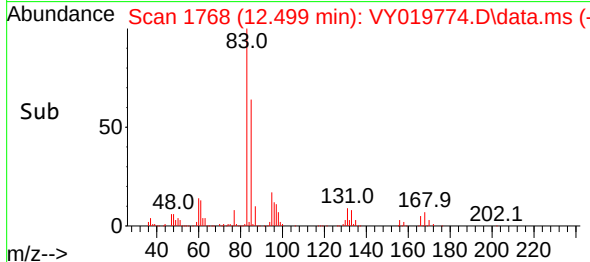
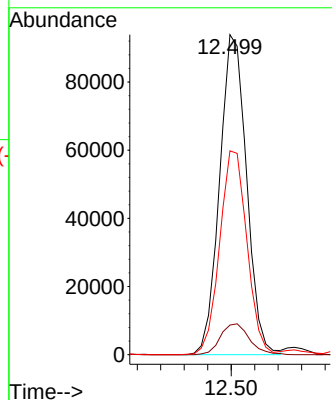
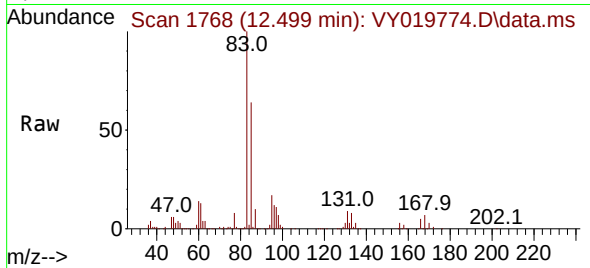




#75
 1,1,2,2-Tetrachloroethane
 Concen: 60.804 ug/l
 RT: 12.499 min Scan# 1768
 Delta R.T. -0.012 min
 Lab File: VY019774.D
 Acq: 02 Oct 2024 18:52

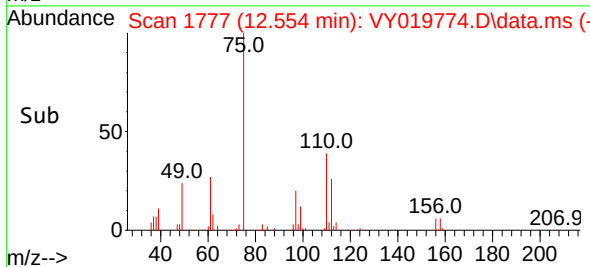
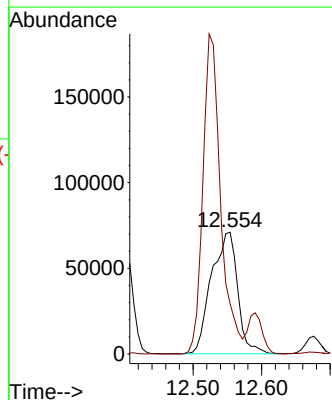
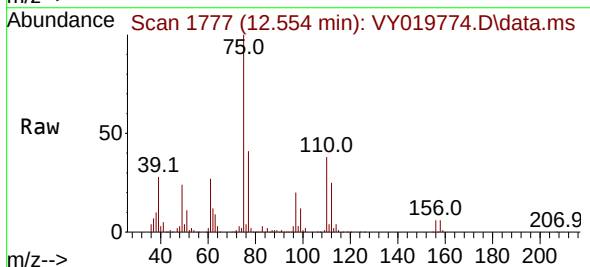
Instrument :
 MSVOA_Y
 ClientSampleId :

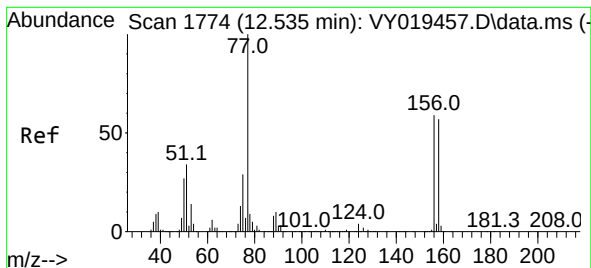
Tgt Ion: 83 Resp: 149576
 Ion Ratio Lower Upper
 83 100
 131 10.4 5.0 14.9
 85 64.6 32.0 96.0



#76
 1,2,3-Trichloropropane
 Concen: 105.288 ug/l
 RT: 12.554 min Scan# 1777
 Delta R.T. -0.006 min
 Lab File: VY019774.D
 Acq: 02 Oct 2024 18:52

Tgt Ion: 75 Resp: 188530
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 54.651 ug/l

RT: 12.529 min Scan# 1773

Delta R.T. -0.006 min

Lab File: VY019774.D

Acq: 02 Oct 2024 18:52

Instrument :

MSVOA_Y

ClientSampleId :

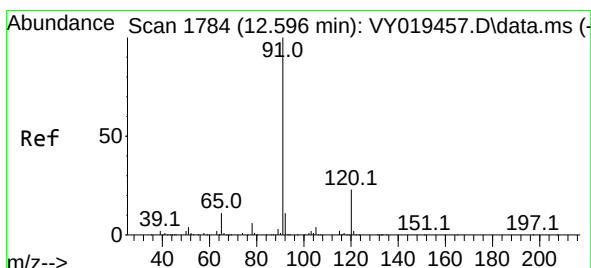
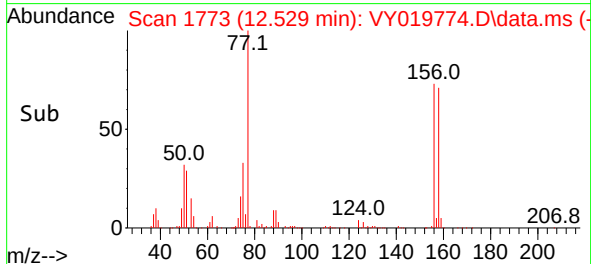
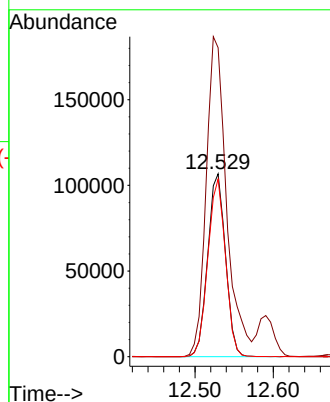
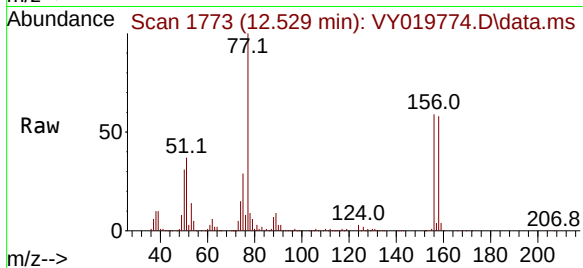
Tgt Ion:156 Resp: 167987

Ion Ratio Lower Upper

156 100

77 200.5 87.1 261.3

158 96.4 48.6 145.9



#78

n-propylbenzene

Concen: 53.741 ug/l

RT: 12.590 min Scan# 1783

Delta R.T. -0.006 min

Lab File: VY019774.D

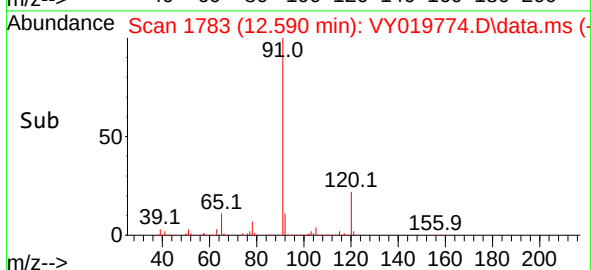
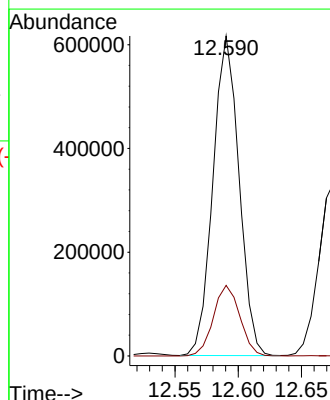
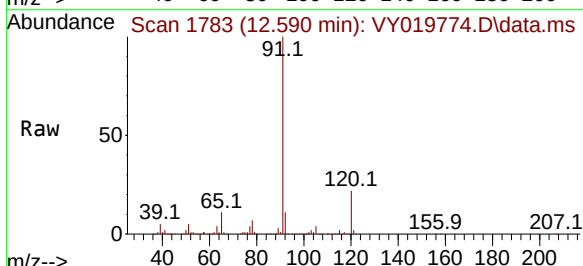
Acq: 02 Oct 2024 18:52

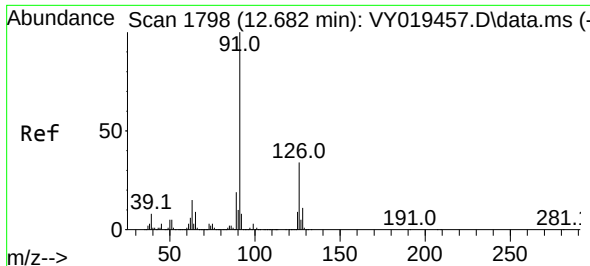
Tgt Ion: 91 Resp: 882819

Ion Ratio Lower Upper

91 100

120 22.4 11.5 34.4

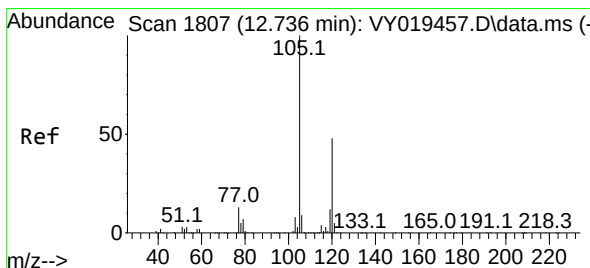
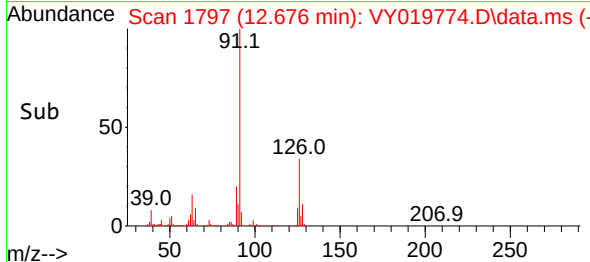
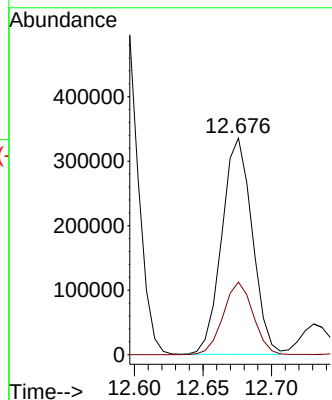
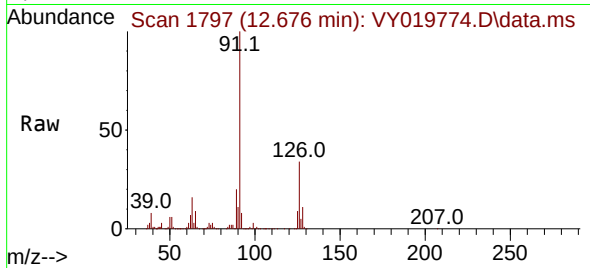




#79
2-Chlorotoluene
Concen: 54.176 ug/l
RT: 12.676 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019774.D
Acq: 02 Oct 2024 18:52

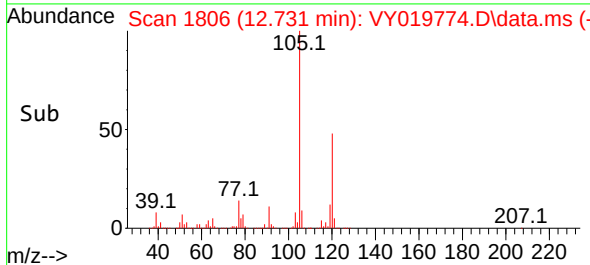
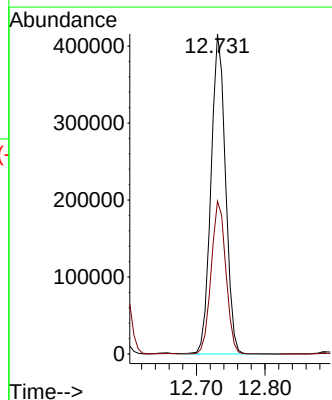
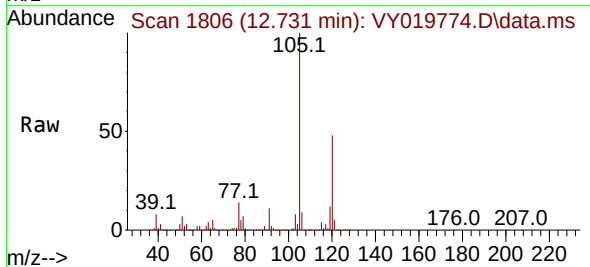
Instrument :
MSVOA_Y
ClientSampleId :

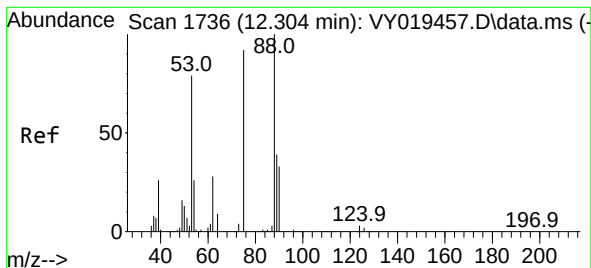
Tgt Ion: 91 Resp: 518645
Ion Ratio Lower Upper
91 100
126 33.0 17.8 53.5



#80
1,3,5-Trimethylbenzene
Concen: 54.098 ug/l
RT: 12.731 min Scan# 1806
Delta R.T. -0.006 min
Lab File: VY019774.D
Acq: 02 Oct 2024 18:52

Tgt Ion: 105 Resp: 609533
Ion Ratio Lower Upper
105 100
120 48.3 25.1 75.2

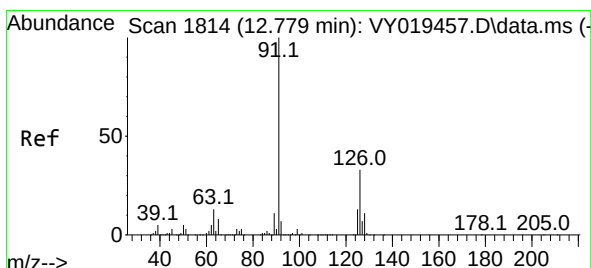
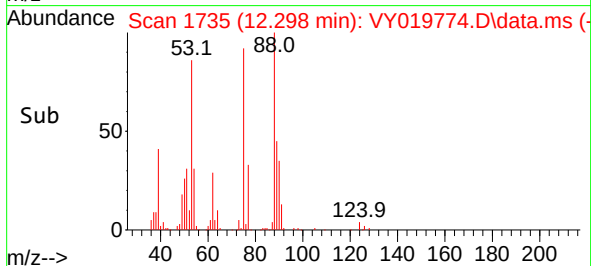
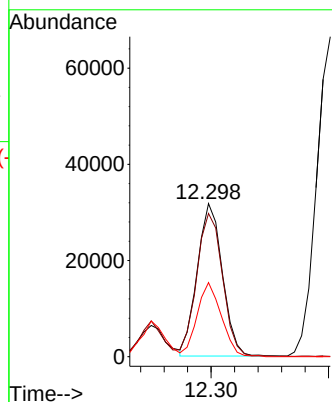
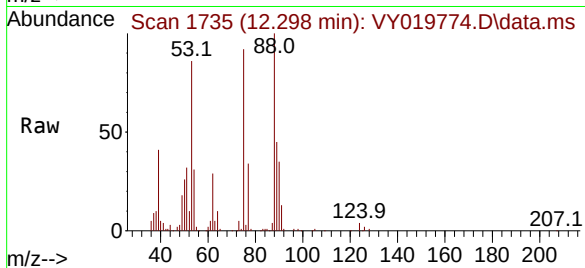




#81
trans-1,4-Dichloro-2-butene
Concen: 50.634 ug/l
RT: 12.298 min Scan# 1735
Delta R.T. -0.006 min
Lab File: VY019774.D
Acq: 02 Oct 2024 18:52

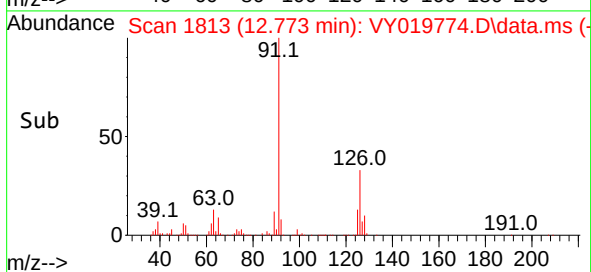
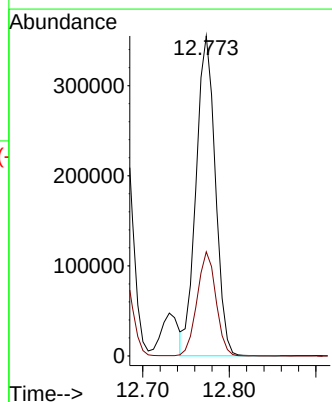
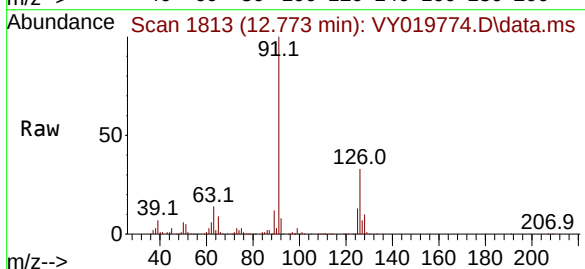
Instrument :
MSVOA_Y
ClientSampleId :

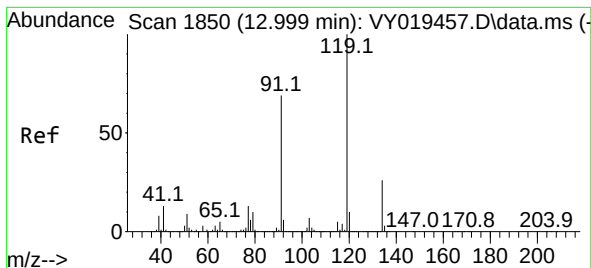
Tgt Ion: 75 Resp: 47229
Ion Ratio Lower Upper
75 100
53 97.6 66.8 100.2
89 46.9 35.8 53.6



#82
4-Chlorotoluene
Concen: 55.635 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. -0.006 min
Lab File: VY019774.D
Acq: 02 Oct 2024 18:52

Tgt Ion: 91 Resp: 547562
Ion Ratio Lower Upper
91 100
126 32.0 17.6 52.9





#83

tert-Butylbenzene

Concen: 54.251 ug/l

RT: 12.993 min Scan# 1849

Delta R.T. -0.006 min

Lab File: VY019774.D

Acq: 02 Oct 2024 18:52

Instrument :

MSVOA_Y

ClientSampleId :

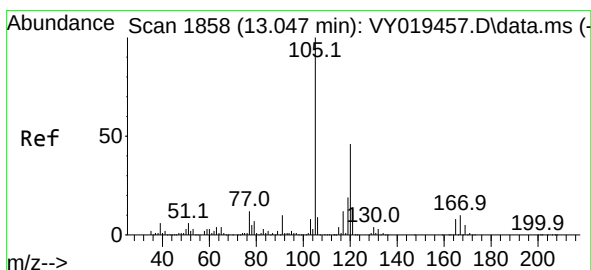
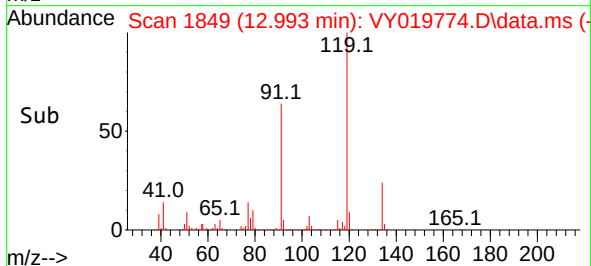
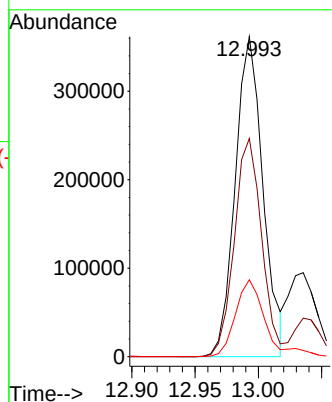
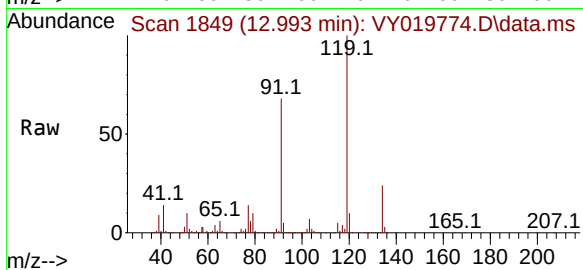
Tgt Ion:119 Resp: 553370

Ion Ratio Lower Upper

119 100

91 66.7 31.3 93.8

134 25.8 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 54.758 ug/l

RT: 13.036 min Scan# 1856

Delta R.T. -0.012 min

Lab File: VY019774.D

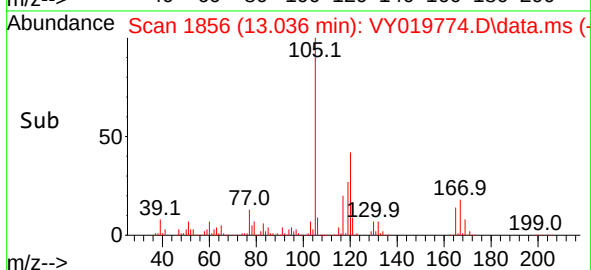
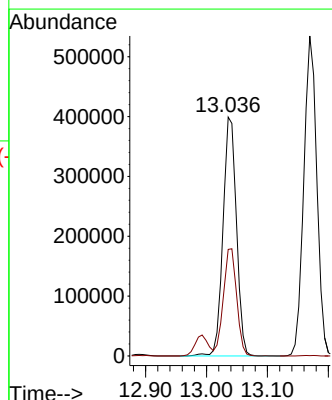
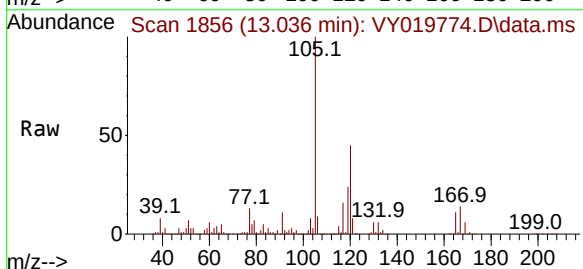
Acq: 02 Oct 2024 18:52

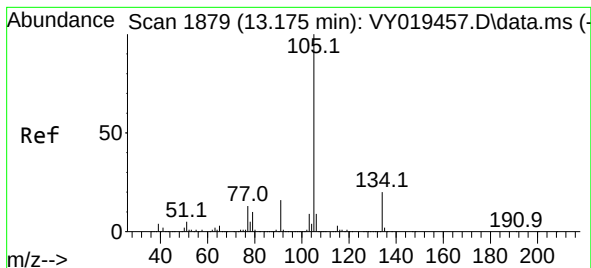
Tgt Ion:105 Resp: 610712

Ion Ratio Lower Upper

105 100

120 44.3 23.2 69.6





#85

sec-Butylbenzene

Concen: 53.524 ug/l

RT: 13.170 min Scan# 1879

Delta R.T. -0.006 min

Lab File: VY019774.D

Acq: 02 Oct 2024 18:52

Instrument :

MSVOA_Y

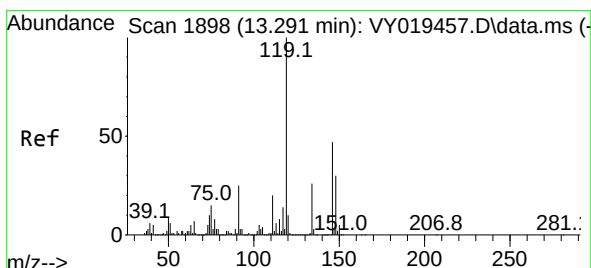
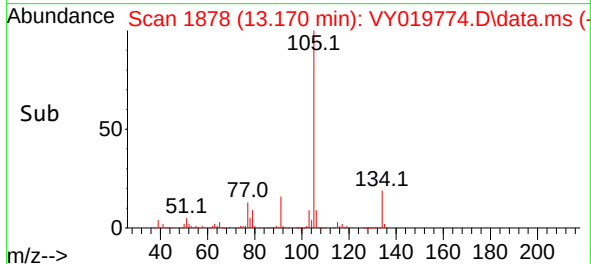
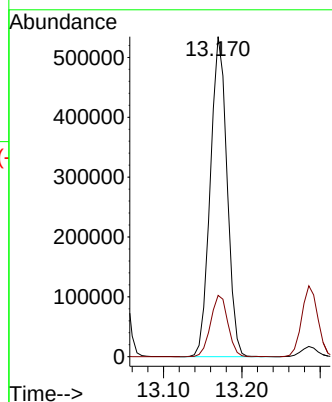
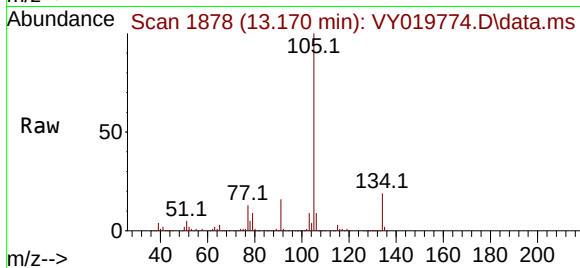
ClientSampleId :

Tgt Ion:105 Resp: 793118

Ion Ratio Lower Upper

105 100

134 19.7 10.1 30.1



#86

p-Isopropyltoluene

Concen: 53.919 ug/l

RT: 13.285 min Scan# 1897

Delta R.T. -0.006 min

Lab File: VY019774.D

Acq: 02 Oct 2024 18:52

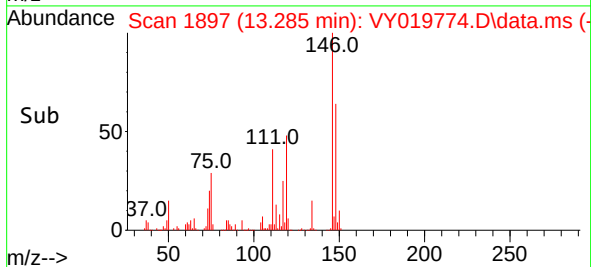
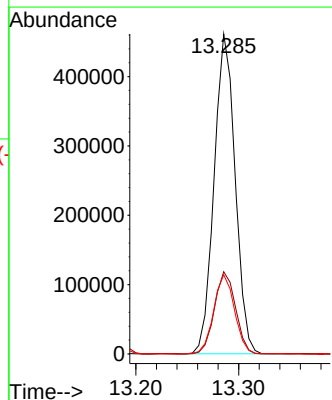
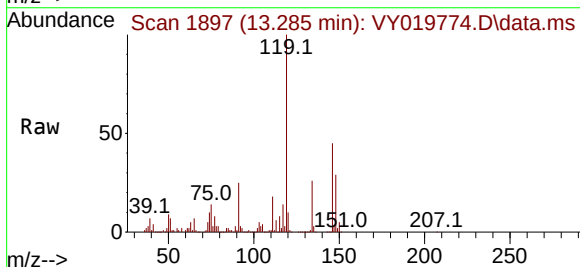
Tgt Ion:119 Resp: 653690

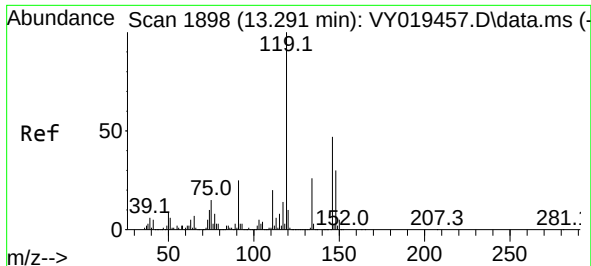
Ion Ratio Lower Upper

119 100

134 25.9 13.1 39.3

91 24.5 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 55.194 ug/l

RT: 13.285 min Scan# 1897

Delta R.T. -0.006 min

Lab File: VY019774.D

Acq: 02 Oct 2024 18:52

Instrument :

MSVOA_Y

ClientSampleId :

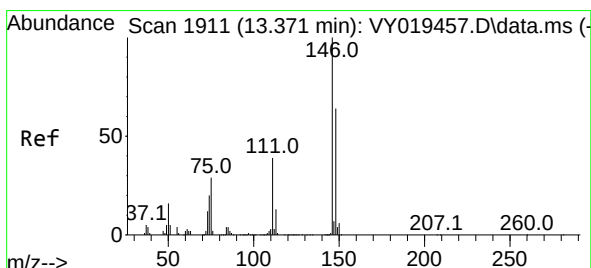
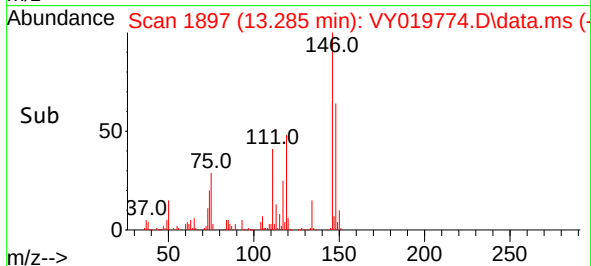
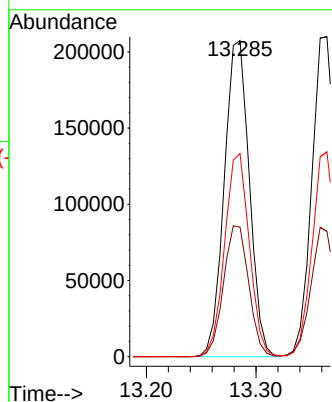
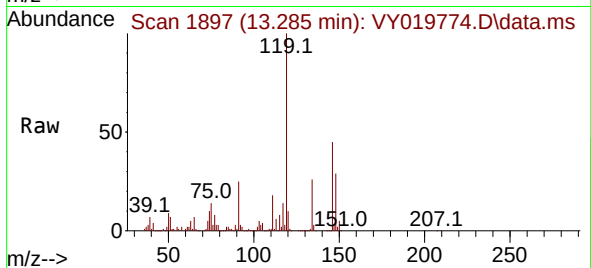
Tgt Ion:146 Resp: 329664

Ion Ratio Lower Upper

146 100

111 41.8 19.0 57.0

148 63.5 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 54.985 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.006 min

Lab File: VY019774.D

Acq: 02 Oct 2024 18:52

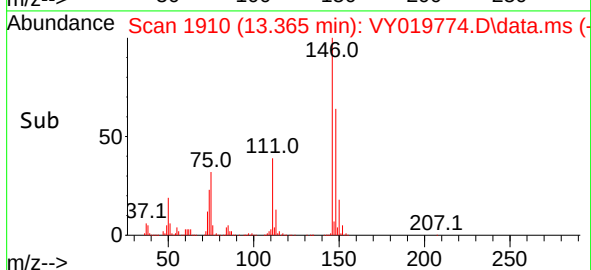
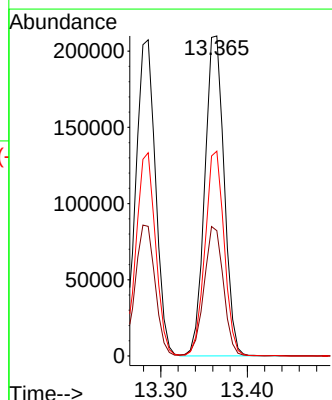
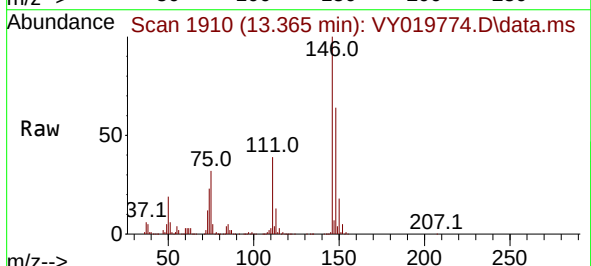
Tgt Ion:146 Resp: 325932

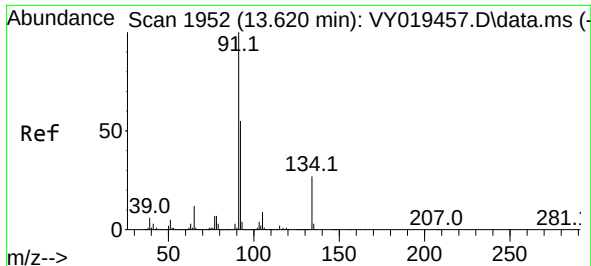
Ion Ratio Lower Upper

146 100

111 40.3 18.4 55.4

148 63.2 32.4 97.2





#89

n-Butylbenzene

Concen: 53.821 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. -0.006 min

Lab File: VY019774.D

Acq: 02 Oct 2024 18:52

Instrument :

MSVOA_Y

ClientSampleId :

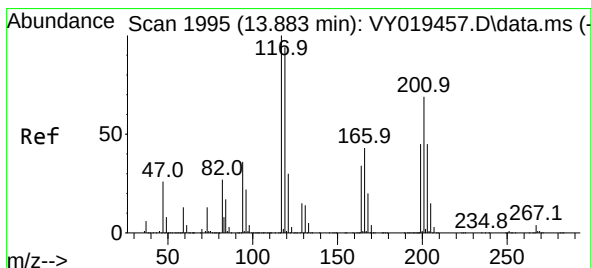
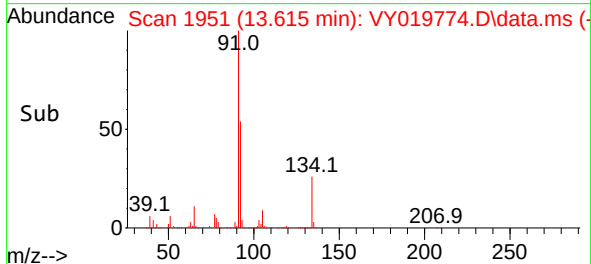
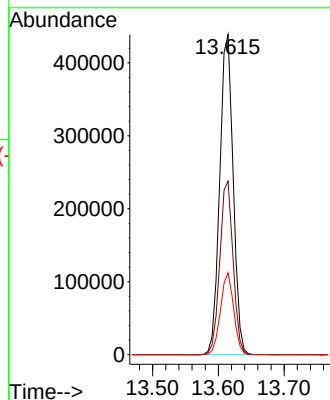
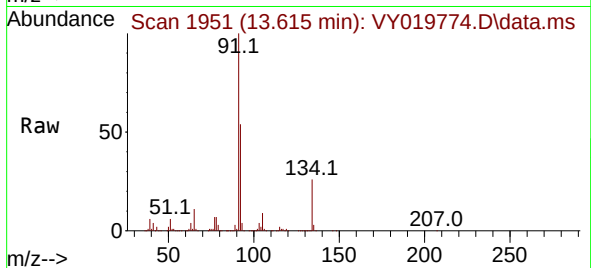
Tgt Ion: 91 Resp: 623779

Ion Ratio Lower Upper

91 100

92 53.7 26.6 79.7

134 25.2 12.9 38.7



#90

Hexachloroethane

Concen: 52.204 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. -0.006 min

Lab File: VY019774.D

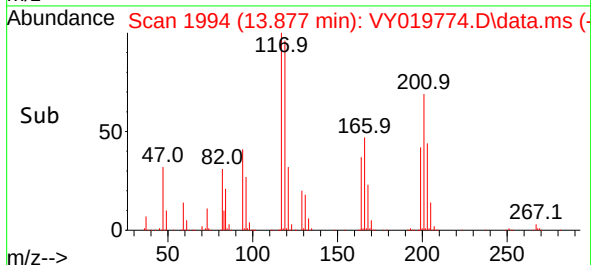
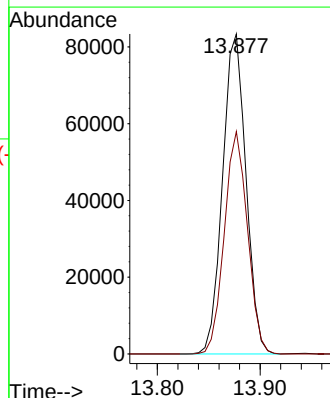
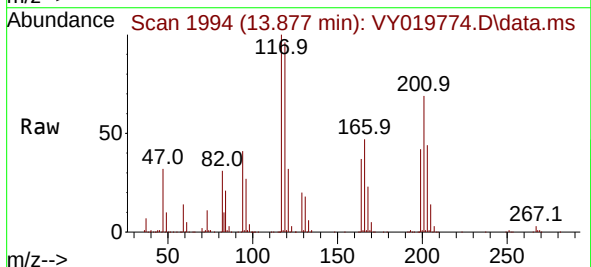
Acq: 02 Oct 2024 18:52

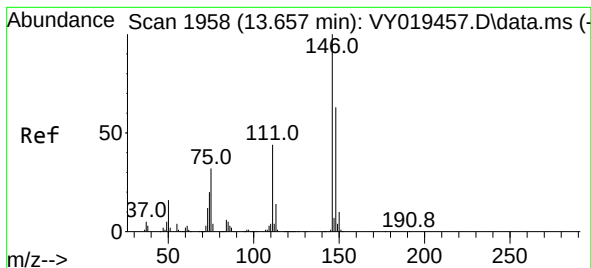
Tgt Ion: 117 Resp: 131686

Ion Ratio Lower Upper

117 100

201 68.9 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 56.194 ug/l

RT: 13.651 min Scan# 1958

Delta R.T. -0.006 min

Lab File: VY019774.D

Acq: 02 Oct 2024 18:52

Instrument :

MSVOA_Y

ClientSampleId :

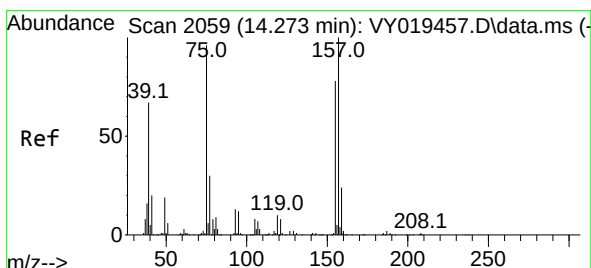
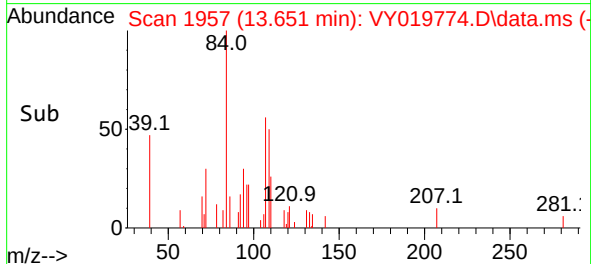
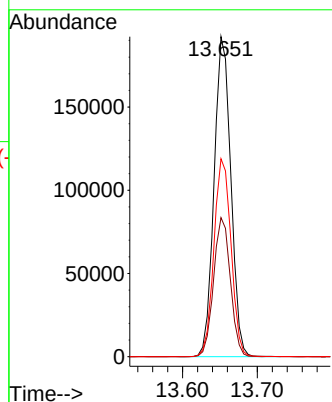
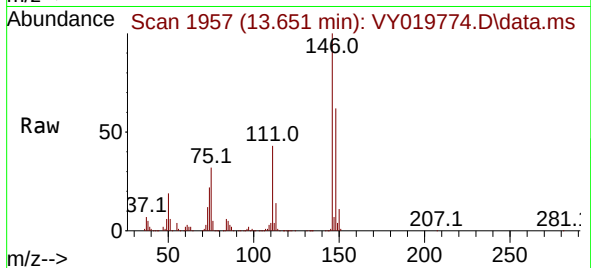
Tgt Ion:146 Resp: 299510

Ion Ratio Lower Upper

146 100

111 43.5 19.9 59.7

148 63.1 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 58.436 ug/l

RT: 14.267 min Scan# 2058

Delta R.T. -0.006 min

Lab File: VY019774.D

Acq: 02 Oct 2024 18:52

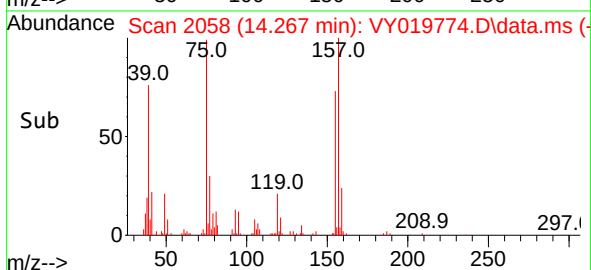
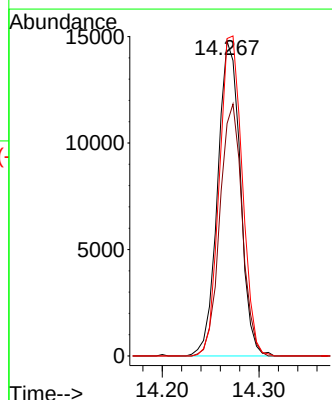
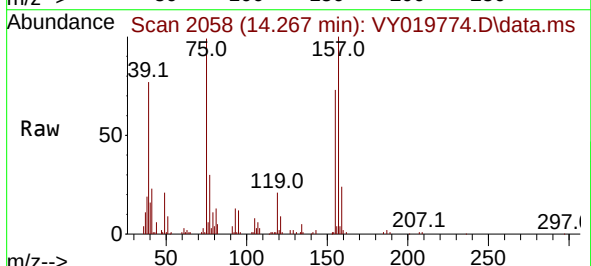
Tgt Ion: 75 Resp: 23958

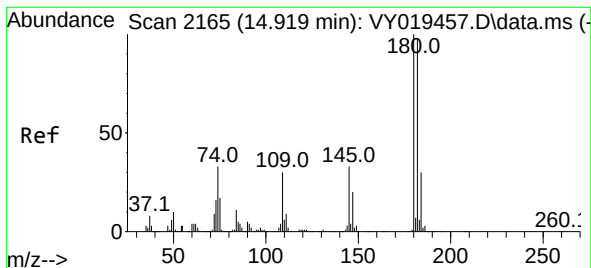
Ion Ratio Lower Upper

75 100

155 79.0 48.6 145.8

157 103.0 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 52.297 ug/l

RT: 14.913 min Scan# 2165

Delta R.T. -0.006 min

Lab File: VY019774.D

Acq: 02 Oct 2024 18:52

Instrument :

MSVOA_Y

ClientSampleId :

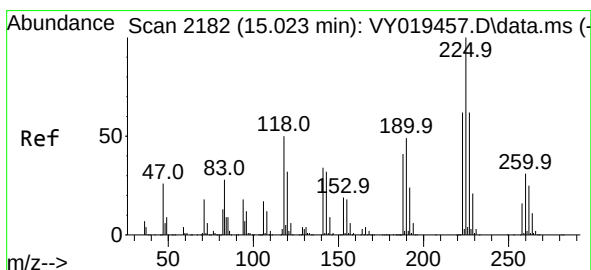
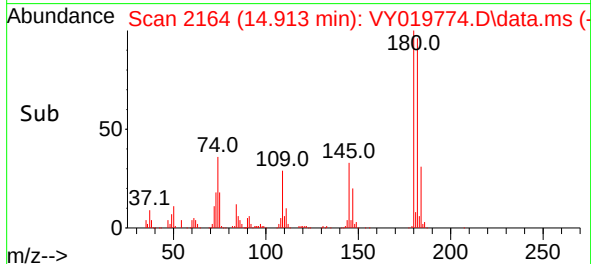
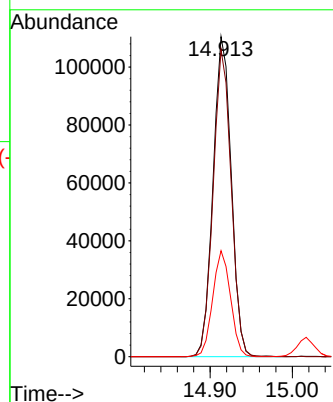
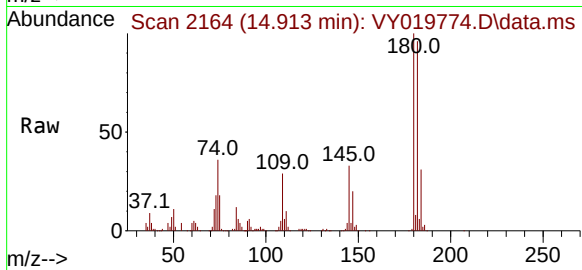
Tgt Ion:180 Resp: 169531

Ion Ratio Lower Upper

180 100

182 95.4 47.9 143.8

145 32.5 14.2 42.6



#94

Hexachlorobutadiene

Concen: 52.373 ug/l

RT: 15.017 min Scan# 2181

Delta R.T. -0.006 min

Lab File: VY019774.D

Acq: 02 Oct 2024 18:52

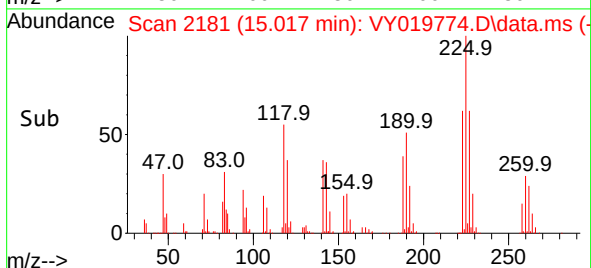
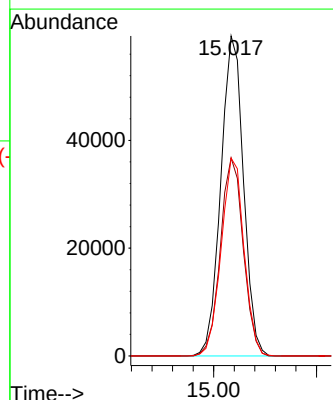
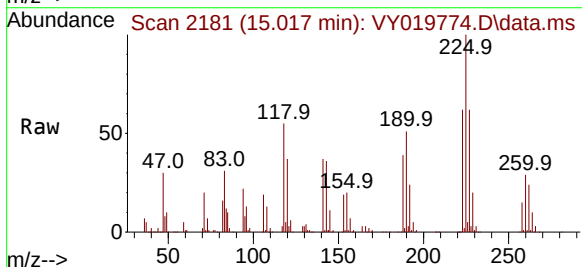
Tgt Ion:225 Resp: 90699

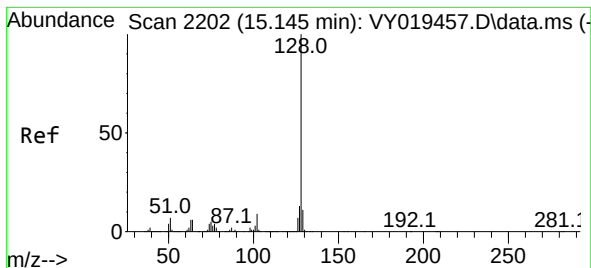
Ion Ratio Lower Upper

225 100

223 62.5 30.4 91.2

227 62.3 31.9 95.9





#95

Naphthalene

Concen: 55.486 ug/l

RT: 15.139 min Scan# 2201

Delta R.T. -0.006 min

Lab File: VY019774.D

Acq: 02 Oct 2024 18:52

Instrument :

MSVOA_Y

ClientSampleId :

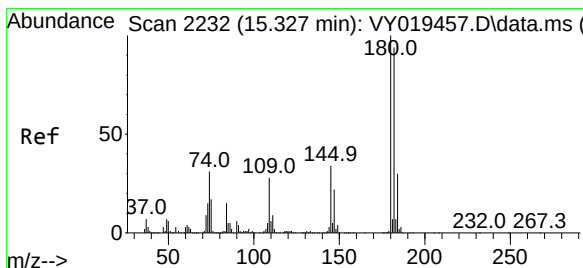
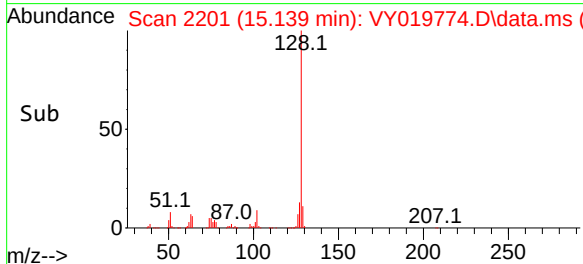
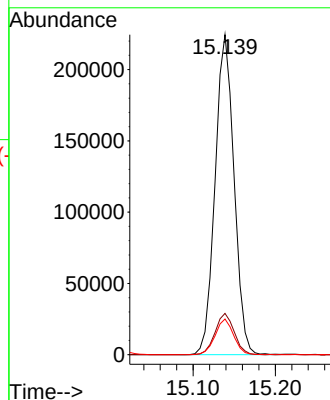
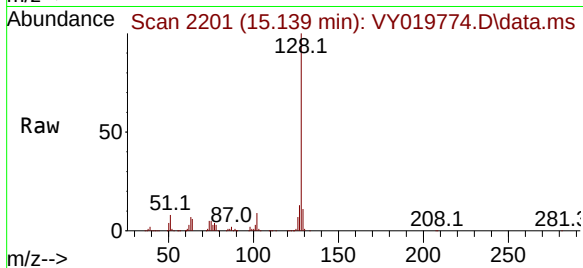
Tgt Ion:128 Resp: 360203

Ion Ratio Lower Upper

128 100

127 13.0 10.6 16.0

129 10.9 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 54.083 ug/l

RT: 15.322 min Scan# 2231

Delta R.T. -0.006 min

Lab File: VY019774.D

Acq: 02 Oct 2024 18:52

Tgt Ion:180 Resp: 149965

Ion Ratio Lower Upper

180 100

182 93.3 47.6 142.9

145 34.7 15.4 46.1

