

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102224\
 Data File : VY019971.D
 Acq On : 22 Oct 2024 11:16
 Operator : SY/MD
 Sample : VY1022SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 23 01:24:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 16 05:44:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	215657	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	379714	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	332435	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	160914	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	141380	53.243	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.480%	
35) Dibromofluoromethane	7.634	113	133012	53.084	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.160%	
50) Toluene-d8	10.109	98	475907	51.432	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.860%	
62) 4-Bromofluorobenzene	12.402	95	170290	50.932	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 101.860%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.867	85	33223	16.549	ug/l	98
3) Chloromethane	2.068	50	49488	18.940	ug/l	100
4) Vinyl Chloride	2.208	62	55873	19.432	ug/l	98
5) Bromomethane	2.598	94	37858	20.801	ug/l	100
6) Chloroethane	2.739	64	38712	20.041	ug/l	100
7) Trichlorofluoromethane	3.062	101	85347	19.948	ug/l	96
8) Diethyl Ether	3.452	74	25847	19.877	ug/l	77
9) 1,1,2-Trichlorotrifluo...	3.824	101	50745	20.391	ug/l	93
10) Methyl Iodide	4.007	142	41636	16.542	ug/l	91
11) Tert butyl alcohol	4.854	59	12112	41.674	ug/l #	58
12) 1,1-Dichloroethene	3.793	96	42185	18.234	ug/l #	83
13) Acrolein	3.659	56	16151	82.776	ug/l	98
14) Allyl chloride	4.385	41	81015	19.408	ug/l #	89
15) Acrylonitrile	5.061	53	66986	112.627	ug/l	98
16) Acetone	3.873	43	78126	113.024	ug/l #	82
17) Carbon Disulfide	4.110	76	81763	13.185	ug/l	97
18) Methyl Acetate	4.385	43	31430	21.108	ug/l #	86
19) Methyl tert-butyl Ether	5.116	73	139186	20.941	ug/l	99
20) Methylene Chloride	4.622	84	56101	21.506	ug/l #	79
21) trans-1,2-Dichloroethene	5.116	96	45321	17.999	ug/l #	83
22) Diisopropyl ether	6.019	45	203752	22.409	ug/l	89
23) Vinyl Acetate	5.964	43	546717	104.884	ug/l #	89
24) 1,1-Dichloroethane	5.921	63	108940	21.554	ug/l	94
25) 2-Butanone	6.896	43	102585	110.874	ug/l #	86
26) 2,2-Dichloropropane	6.884	77	90383	20.079	ug/l	94
27) cis-1,2-Dichloroethene	6.890	96	62331	20.031	ug/l	80
28) Bromochloromethane	7.244	49	48033	21.591	ug/l #	70
29) Tetrahydrofuran	7.262	42	54967	104.047	ug/l #	83
30) Chloroform	7.421	83	112806	21.894	ug/l	97
31) Cyclohexane	7.701	56	80071	18.047	ug/l	89
32) 1,1,1-Trichloroethane	7.616	97	92780	20.548	ug/l #	93
36) 1,1-Dichloropropene	7.835	75	71236	19.734	ug/l	94
37) Ethyl Acetate	6.988	43	40100	21.303	ug/l	95
38) Carbon Tetrachloride	7.817	117	76692	19.817	ug/l	97
39) Methylcyclohexane	9.110	83	80260	17.646	ug/l #	87
40) Benzene	8.079	78	219502	20.092	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	19341	18.985	ug/l	92
42) 1,2-Dichloroethane	8.158	62	65423	20.844	ug/l	95
43) Isopropyl Acetate	8.195	43	79333	20.666	ug/l #	80
44) Trichloroethene	8.866	130	50367	19.035	ug/l	93
45) 1,2-Dichloropropane	9.140	63	59274	21.677	ug/l	98
46) Dibromomethane	9.231	93	30961	20.724	ug/l	89
47) Bromodichloromethane	9.420	83	86000	21.687	ug/l #	99
48) Methyl methacrylate	9.219	41	34794	20.605	ug/l #	80
49) 1,4-Dioxane	9.231	88	7330	438.363	ug/l #	93
51) 4-Methyl-2-Pentanone	10.000	43	217037	110.843	ug/l	90
52) Toluene	10.170	92	138788	20.352	ug/l	100
53) t-1,3-Dichloropropene	10.390	75	72028	20.187	ug/l	98
54) cis-1,3-Dichloropropene	9.853	75	83472	19.826	ug/l #	80
55) 1,1,2-Trichloroethane	10.573	97	44204	22.457	ug/l	95
56) Ethyl methacrylate	10.439	69	58852	20.837	ug/l #	75
57) 1,3-Dichloropropane	10.713	76	74227	21.473	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.707	63	135351	102.941	ug/l	91
59) 2-Hexanone	10.762	43	158039	113.005	ug/l	86
60) Dibromochloromethane	10.914	129	52796	20.897	ug/l	100
61) 1,2-Dibromoethane	11.012	107	36218	20.362	ug/l	100
64) Tetrachloroethene	10.646	164	43834	18.538	ug/l	98
65) Chlorobenzene	11.438	112	153304	20.162	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.512	131	52074	20.242	ug/l	100
67) Ethyl Benzene	11.518	91	275703	19.961	ug/l	100
68) m/p-Xylenes	11.627	106	200508	39.306	ug/l	91
69) o-Xylene	11.950	106	94910	19.365	ug/l	87
70) Styrene	11.969	104	166953	20.190	ug/l	96
71) Bromoform	12.133	173	28091	20.398	ug/l #	92
73) Isopropylbenzene	12.255	105	267844	19.789	ug/l	98
74) N-amyl acetate	12.066	43	72695	20.278	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.505	83	53178	22.111	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	63160	20.036	ug/l #	100
77) Bromobenzene	12.530	156	55338	19.267	ug/l	83
78) n-propylbenzene	12.591	91	329337	20.137	ug/l	97
79) 2-Chlorotoluene	12.676	91	186478	19.889	ug/l	95
80) 1,3,5-Trimethylbenzene	12.737	105	213940	19.572	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.298	75	15058	19.281	ug/l #	82
82) 4-Chlorotoluene	12.773	91	190256	19.845	ug/l	95
83) tert-Butylbenzene	12.993	119	202672	20.697	ug/l	95
84) 1,2,4-Trimethylbenzene	13.042	105	208163	19.208	ug/l	100
85) sec-Butylbenzene	13.176	105	302618	20.684	ug/l	96
86) p-Isopropyltoluene	13.292	119	239445	20.155	ug/l	95
87) 1,3-Dichlorobenzene	13.286	146	112443	19.386	ug/l	95
88) 1,4-Dichlorobenzene	13.365	146	111972	19.650	ug/l	97
89) n-Butylbenzene	13.615	91	237965	20.513	ug/l	98
90) Hexachloroethane	13.877	117	47683	20.612	ug/l	85
91) 1,2-Dichlorobenzene	13.657	146	103209	20.251	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.273	75	8010	20.869	ug/l	67
93) 1,2,4-Trichlorobenzene	14.919	180	51648	18.073	ug/l	98
94) Hexachlorobutadiene	15.023	225	31251	19.670	ug/l	96
95) Naphthalene	15.145	128	98435	18.263	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	44764	18.530	ug/l	96

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Response via : Initial Calibration

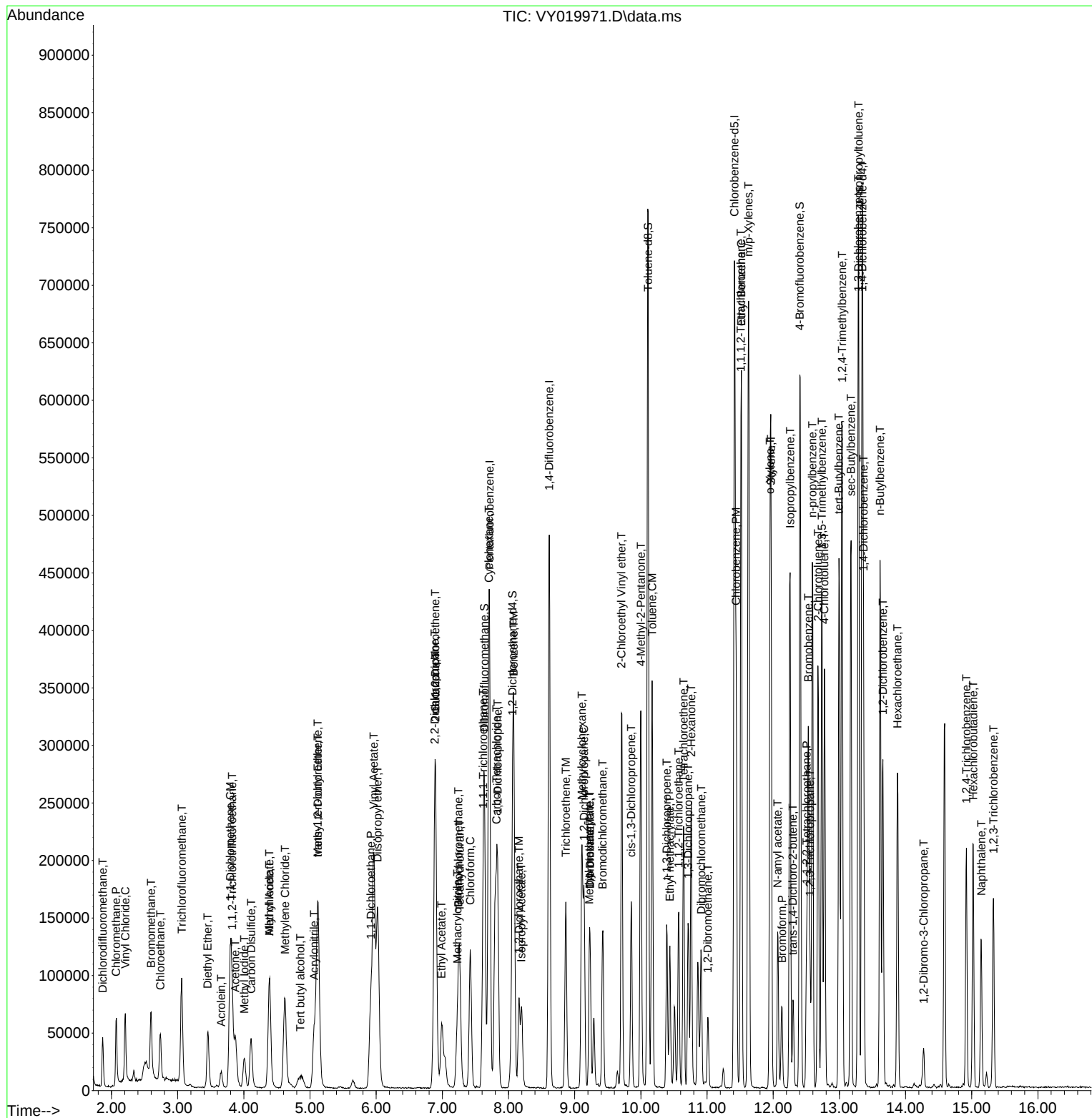
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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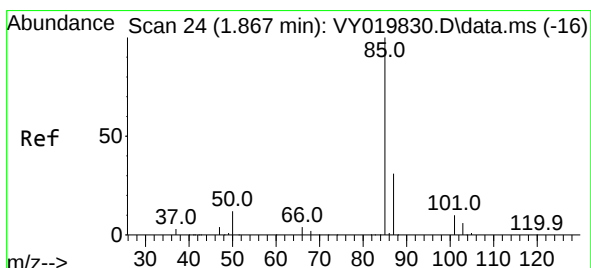
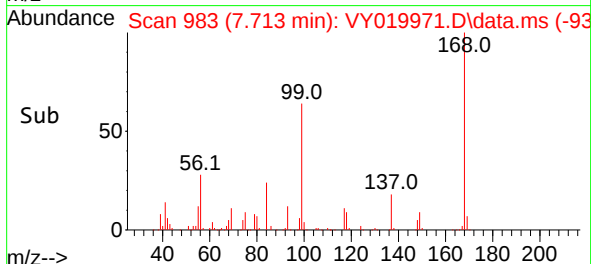
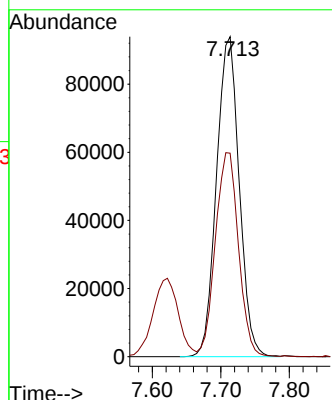
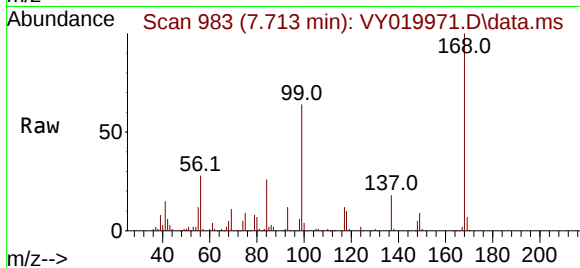




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019971.D
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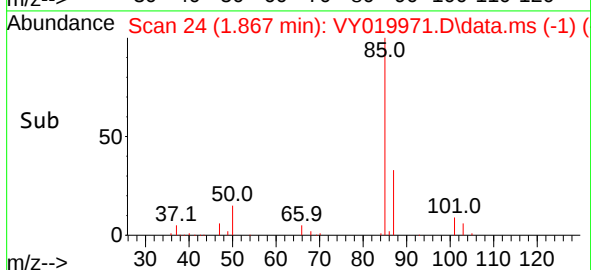
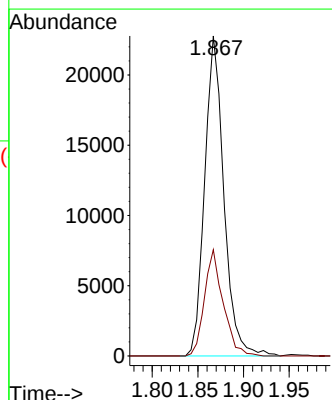
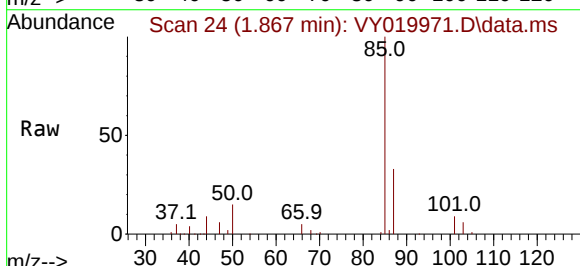
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 215657
Ion Ratio Lower Upper
168 100
99 63.5 39.1 58.7#



#2
Dichlorodifluoromethane
Concen: 16.549 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.001 min
Lab File: VY019971.D
Acq: 22 Oct 2024 11:16

Tgt Ion: 85 Resp: 33223
Ion Ratio Lower Upper
85 100
87 33.2 16.0 48.0

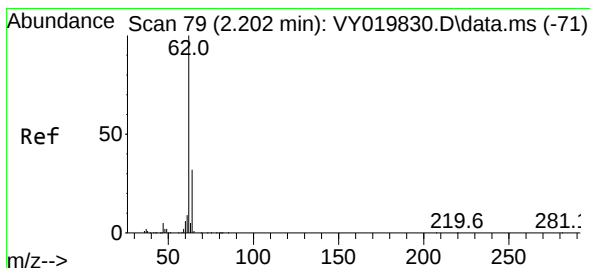
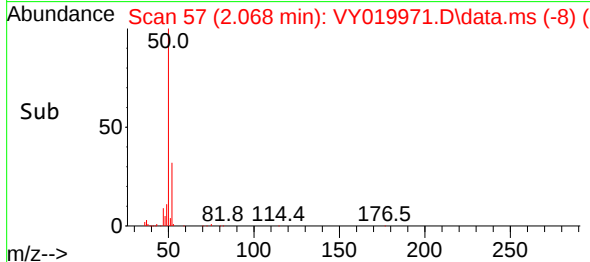
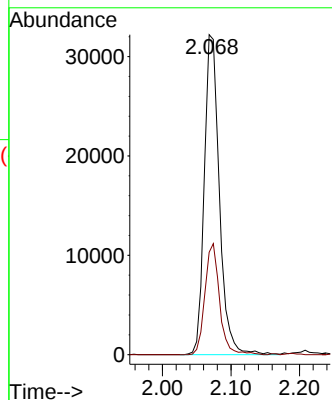
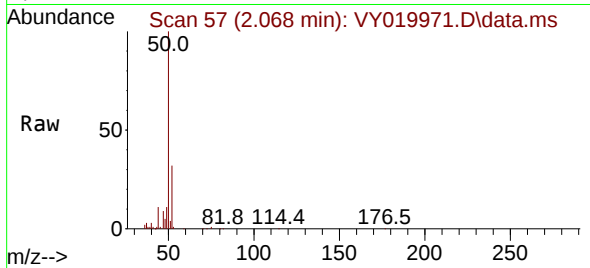




#3
Chloromethane
Concen: 18.940 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY019971.D
Acq: 22 Oct 2024 11:16

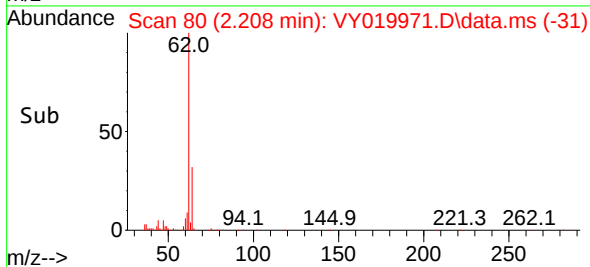
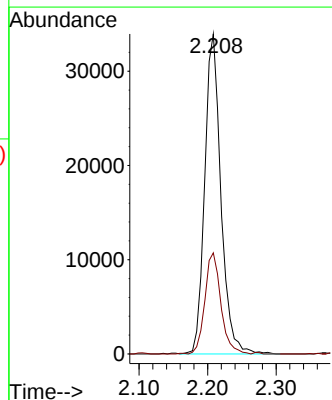
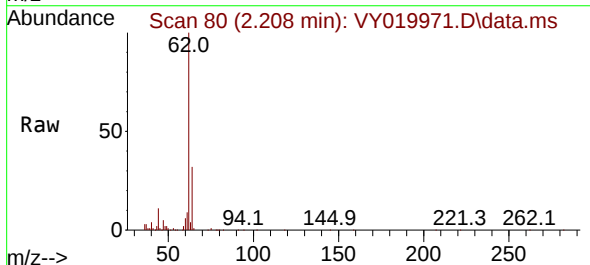
Instrument :
MSVOA_Y
ClientSampleId :

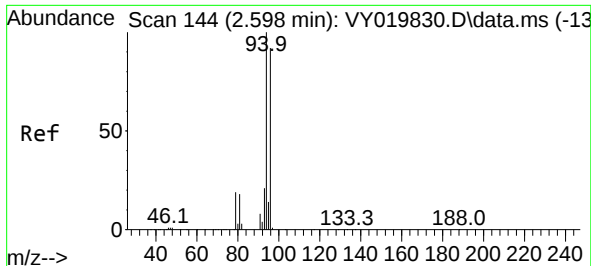
Tgt Ion: 50 Resp: 49488
Ion Ratio Lower Upper
50 100
52 32.0 25.6 38.4



#4
Vinyl Chloride
Concen: 19.432 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.000 min
Lab File: VY019971.D
Acq: 22 Oct 2024 11:16

Tgt Ion: 62 Resp: 55873
Ion Ratio Lower Upper
62 100
64 31.6 26.1 39.1

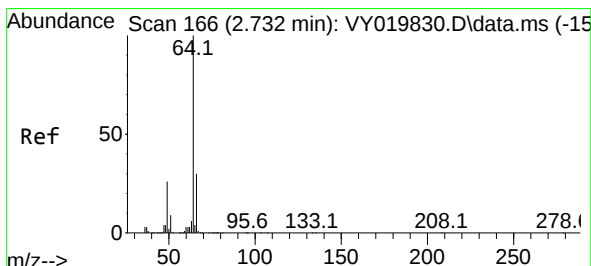
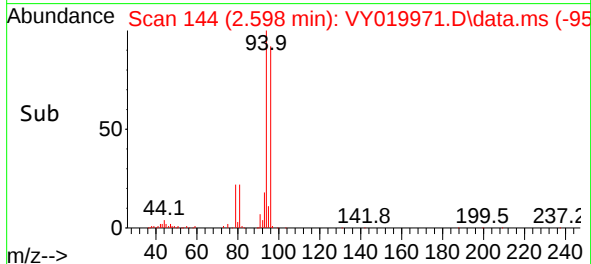
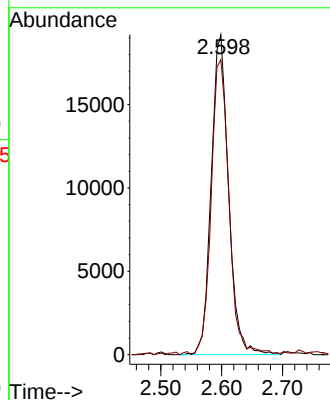
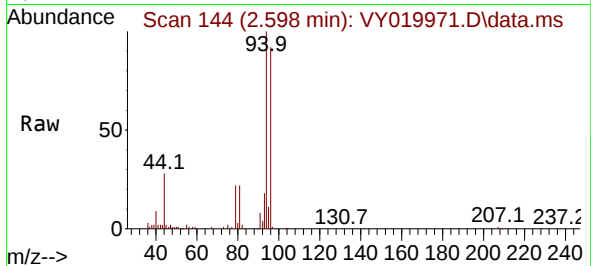




#5
Bromomethane
Concen: 20.801 ug/l
RT: 2.598 min Scan# 144
Delta R.T. 0.000 min
Lab File: VY019971.D
Acq: 22 Oct 2024 11:16

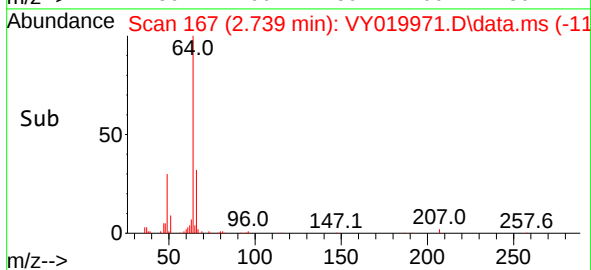
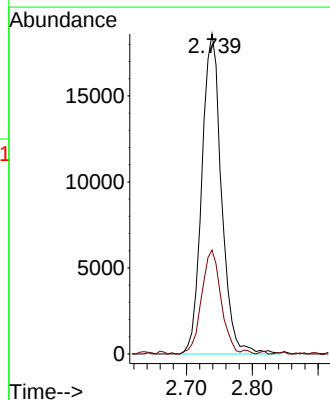
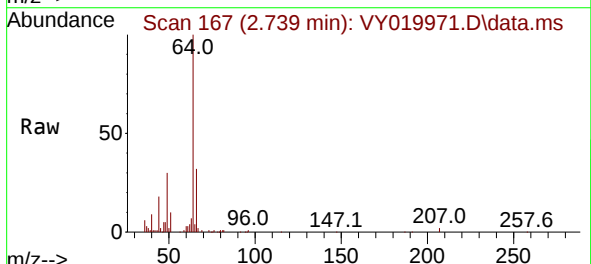
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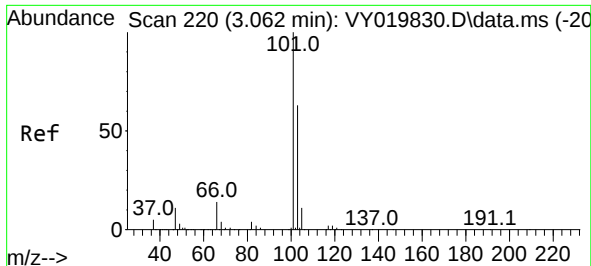
Tgt Ion: 94 Resp: 37858
Ion Ratio Lower Upper
94 100
96 92.2 74.1 111.1



#6
Chloroethane
Concen: 20.041 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.000 min
Lab File: VY019971.D
Acq: 22 Oct 2024 11:16

Tgt Ion: 64 Resp: 38712
Ion Ratio Lower Upper
64 100
66 32.4 26.1 39.1

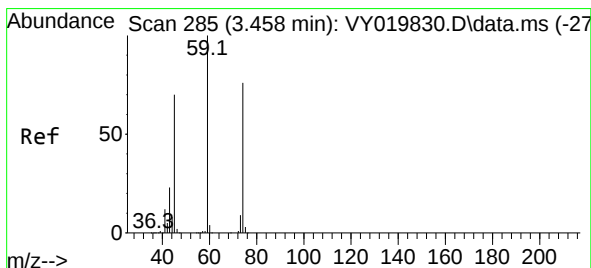
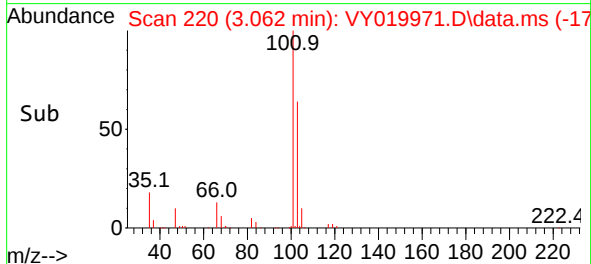
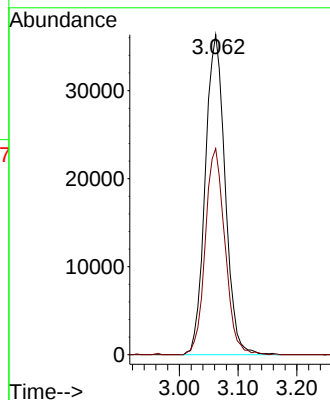
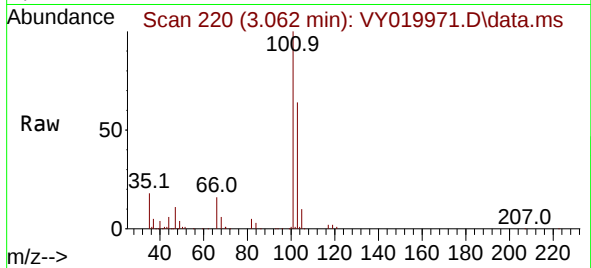




#7
Trichlorofluoromethane
Concen: 19.948 ug/l
RT: 3.062 min Scan# 21
Delta R.T. 0.000 min
Lab File: VY019971.D
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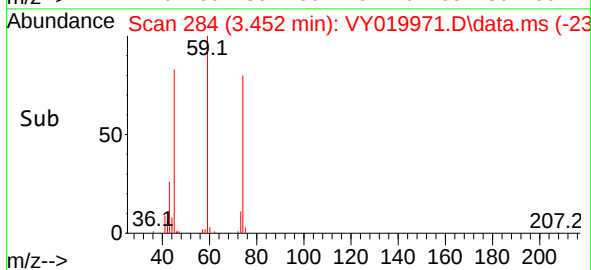
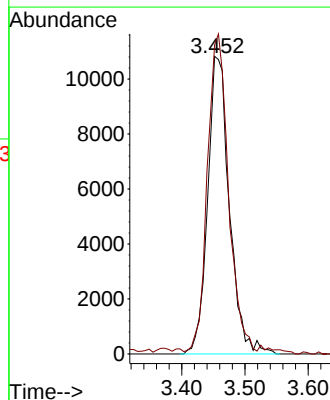
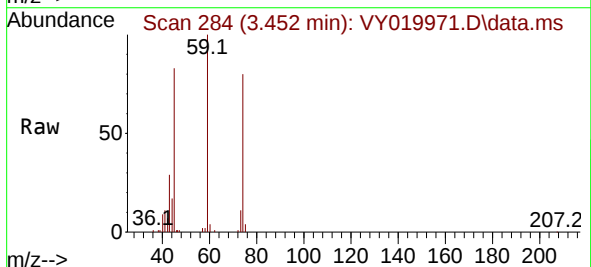
Instrument :
MSVOA_Y
ClientSampleId :

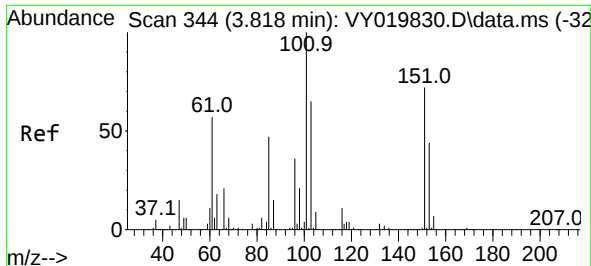
Tgt Ion:101 Resp: 85347
Ion Ratio Lower Upper
101 100
103 64.4 49.3 73.9



#8
Diethyl Ether
Concen: 19.877 ug/l
RT: 3.452 min Scan# 284
Delta R.T. -0.006 min
Lab File: VY019971.D
Acq: 22 Oct 2024 11:16

Tgt Ion: 74 Resp: 25847
Ion Ratio Lower Upper
74 100
45 103.8 41.3 124.1

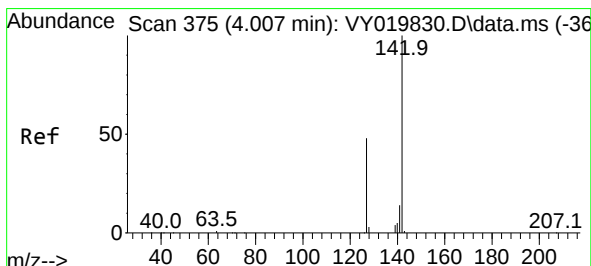
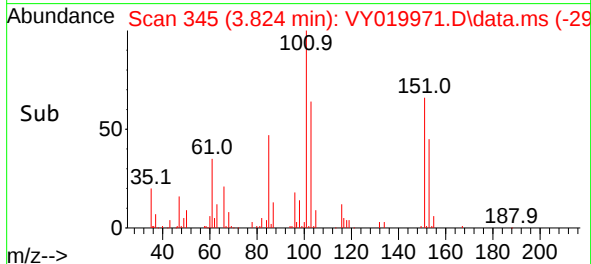
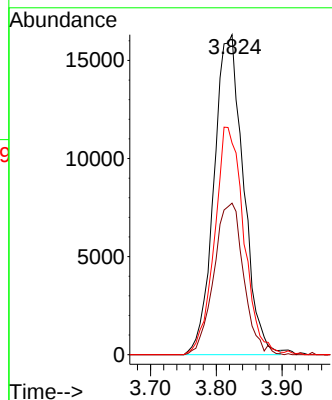
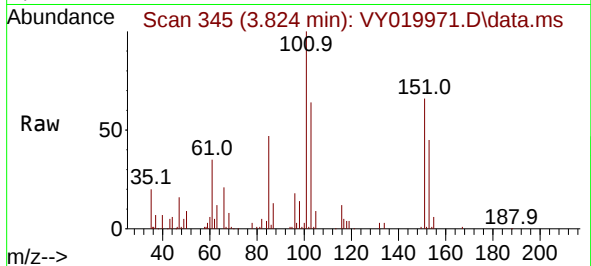




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.391 ug/l
RT: 3.824 min Scan# 344
Delta R.T. 0.013 min
Lab File: VY019971.D
Acq: 22 Oct 2024 11:16

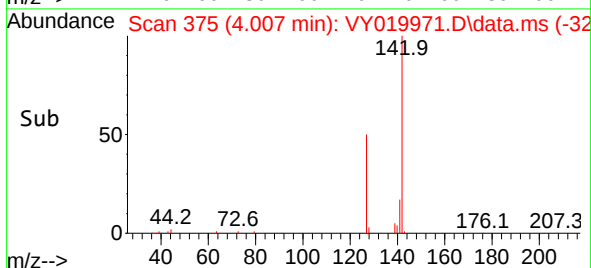
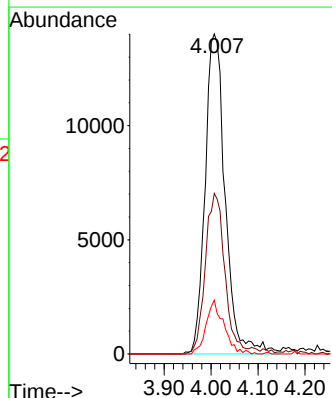
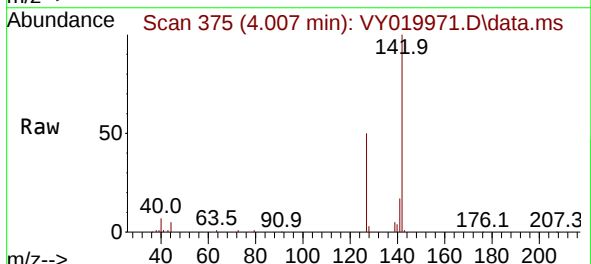
Instrument :
MSVOA_Y
ClientSampleId :

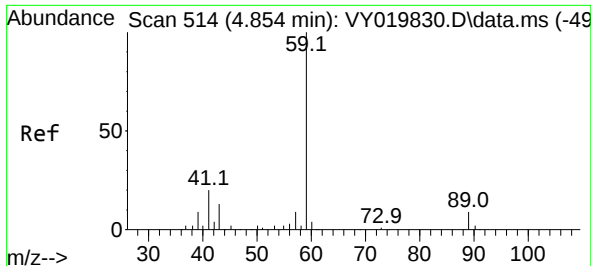
Tgt Ion:101 Resp: 50745
Ion Ratio Lower Upper
101 100
85 47.9 34.5 51.7
151 71.1 61.7 92.5



#10
Methyl Iodide
Concen: 16.542 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.000 min
Lab File: VY019971.D
Acq: 22 Oct 2024 11:16

Tgt Ion:142 Resp: 41636
Ion Ratio Lower Upper
142 100
127 48.4 32.8 49.2
141 14.9 11.4 17.2

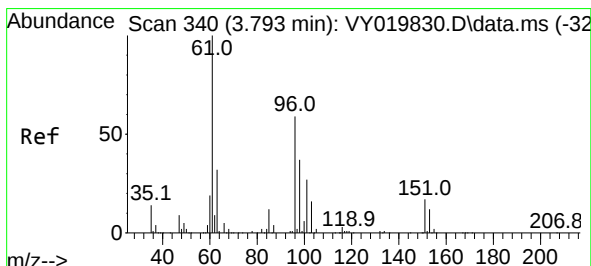
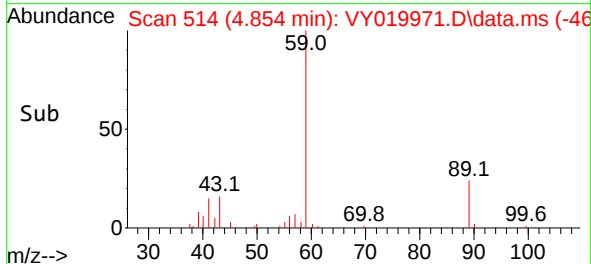
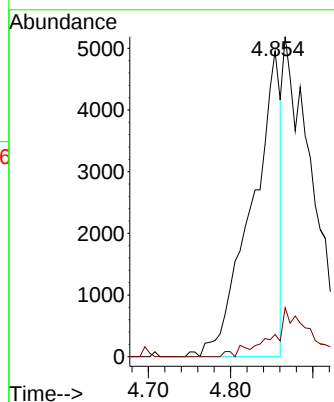
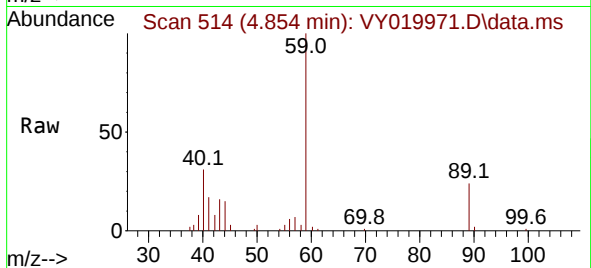




#11
Tert butyl alcohol
Concen: 41.674 ug/l
RT: 4.854 min Scan# 514
Delta R.T. -0.006 min
Lab File: VY019971.D
Acq: 22 Oct 2024 11:16

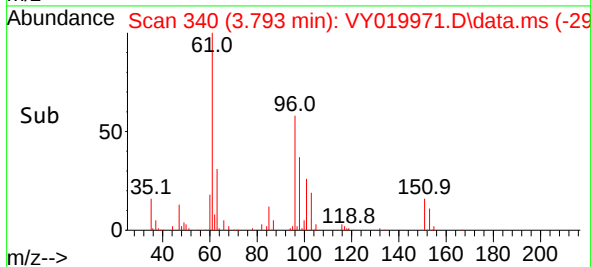
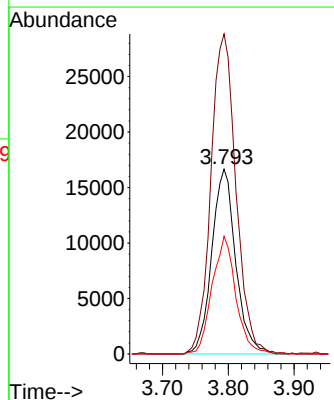
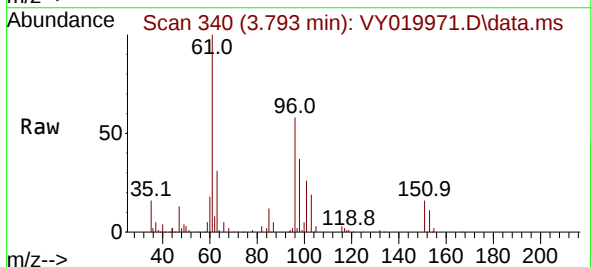
Instrument :
MSVOA_Y
ClientSampleId :

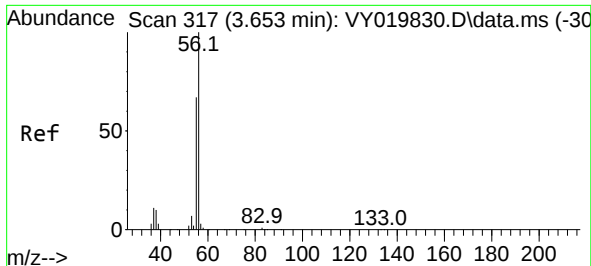
Tgt Ion: 59 Resp: 12112
Ion Ratio Lower Upper
59 100
57 17.7 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 18.234 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.007 min
Lab File: VY019971.D
Acq: 22 Oct 2024 11:16

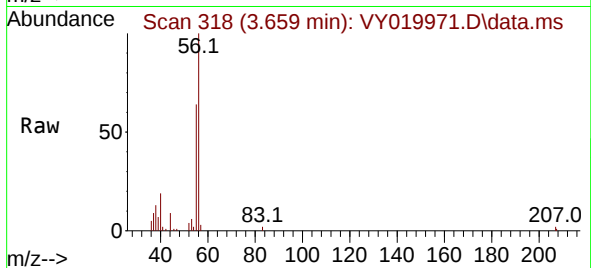
Tgt Ion: 96 Resp: 42185
Ion Ratio Lower Upper
96 100
61 173.2 114.6 171.8#
98 63.7 50.8 76.2



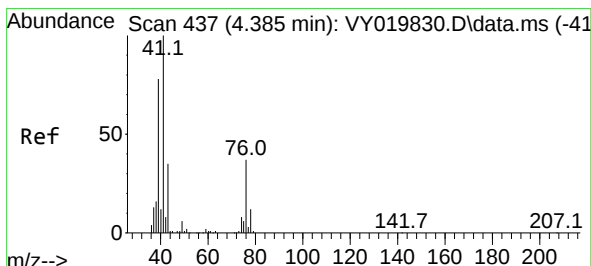
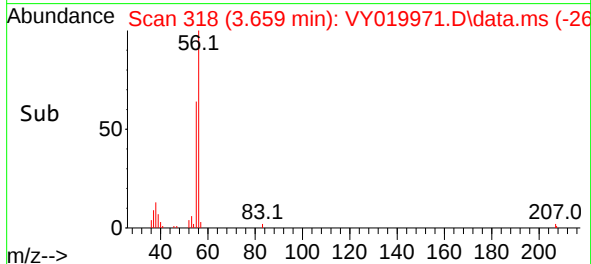
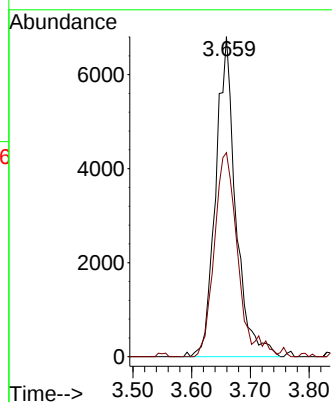


#13
Acrolein
Concen: 82.776 ug/l
RT: 3.659 min Scan# 317
Delta R.T. 0.006 min
Lab File: VY019971.D
Acq: 22 Oct 2024 11:16

Instrument :
MSVOA_Y
ClientSampleId :

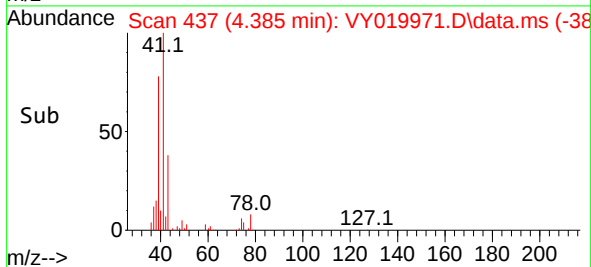
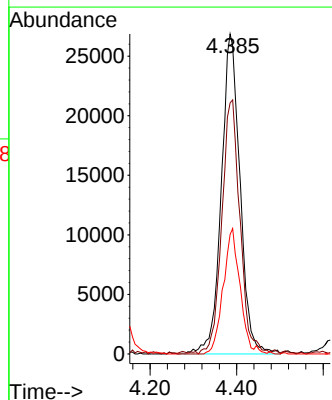
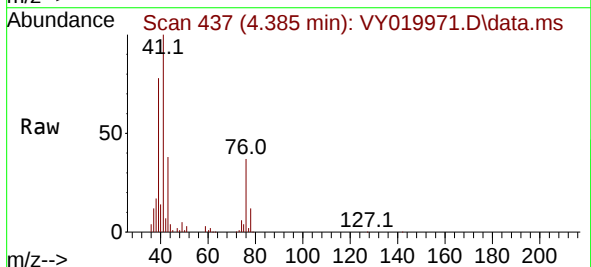


Tgt Ion: 56 Resp: 16151
Ion Ratio Lower Upper
56 100
55 71.0 55.7 83.5



#14
Allyl chloride
Concen: 19.408 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY019971.D
Acq: 22 Oct 2024 11:16

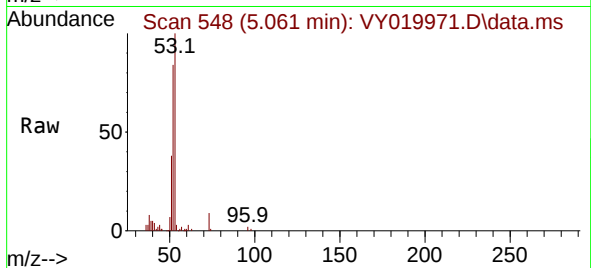
Tgt Ion: 41 Resp: 81015
Ion Ratio Lower Upper
41 100
39 76.8 58.3 87.5
76 34.7 39.0 58.6#



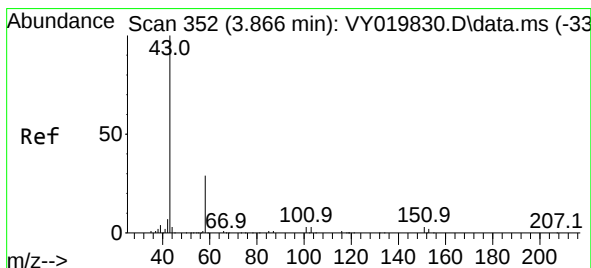
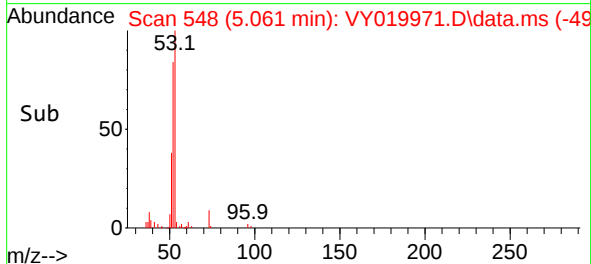
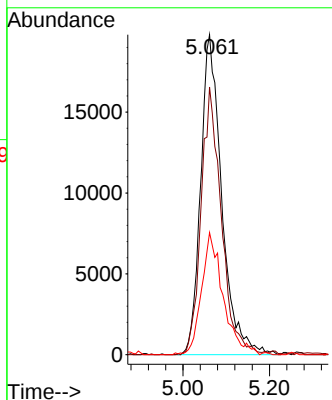


#15
Acrylonitrile
Concen: 112.627 ug/l
RT: 5.061 min Scan# 54
Delta R.T. 0.007 min
Lab File: VY019971.D
Acq: 22 Oct 2024 11:16

Instrument :
MSVOA_Y
ClientSampleId :

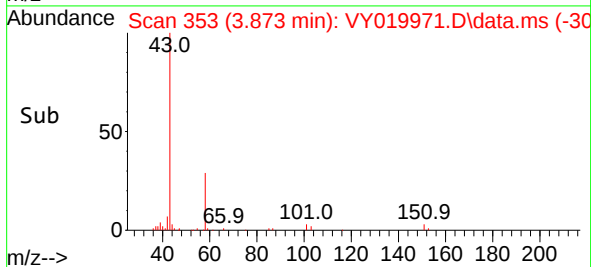
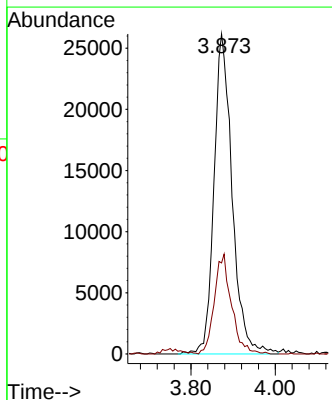
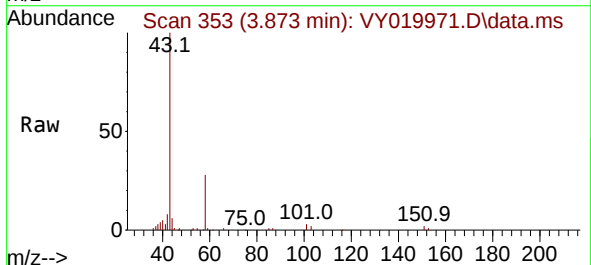


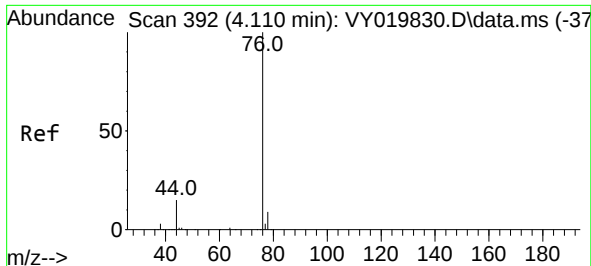
Tgt Ion: 53 Resp: 66986
Ion Ratio Lower Upper
53 100
52 80.2 64.7 97.1
51 39.0 28.4 42.6



#16
Acetone
Concen: 113.024 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY019971.D
Acq: 22 Oct 2024 11:16

Tgt Ion: 43 Resp: 78126
Ion Ratio Lower Upper
43 100
58 28.5 31.7 47.5#

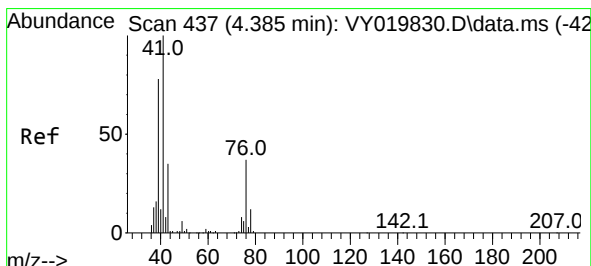
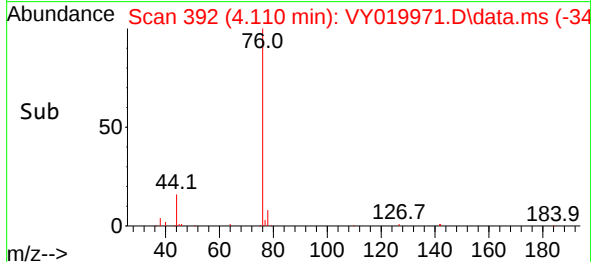
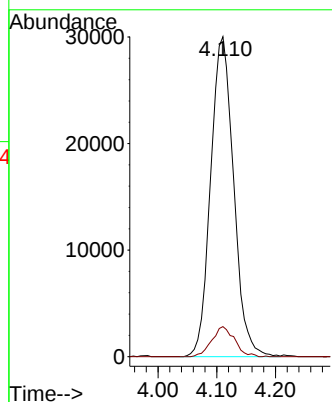
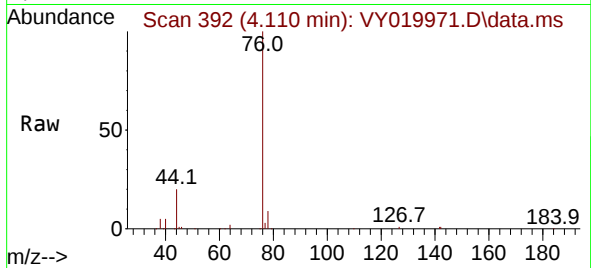




#17
Carbon Disulfide
Concen: 13.185 ug/l
RT: 4.110 min Scan# 392
Delta R.T. 0.007 min
Lab File: VY019971.D
Acq: 22 Oct 2024 11:16

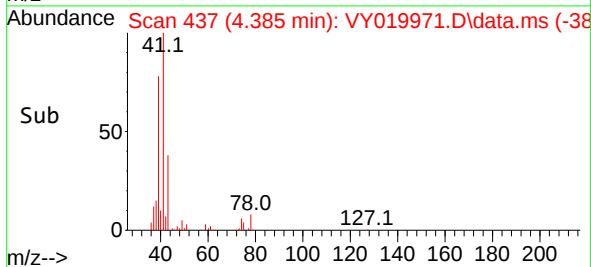
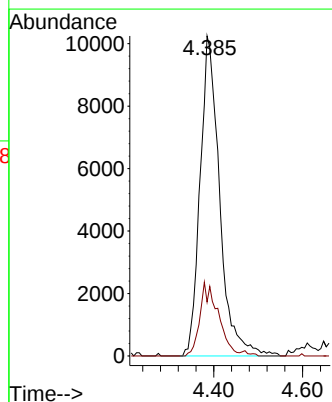
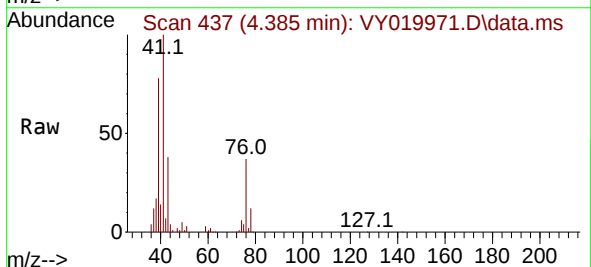
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 76 Resp: 81763
Ion Ratio Lower Upper
76 100
78 9.4 6.8 10.2



#18
Methyl Acetate
Concen: 21.108 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY019971.D
Acq: 22 Oct 2024 11:16

Tgt Ion: 43 Resp: 31430
Ion Ratio Lower Upper
43 100
74 21.6 23.3 34.9#

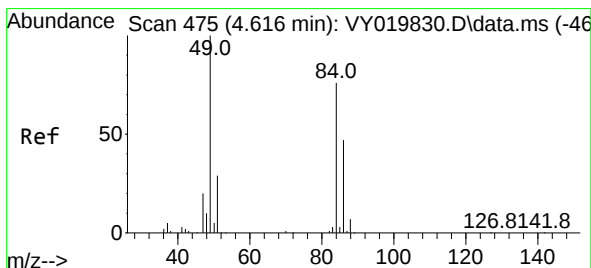
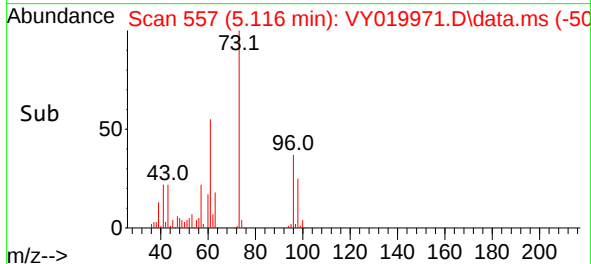
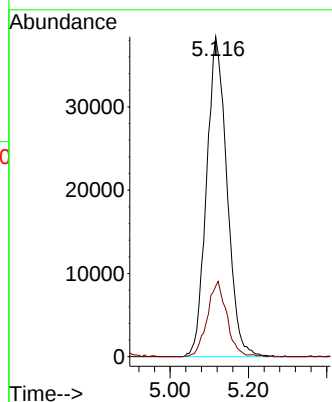
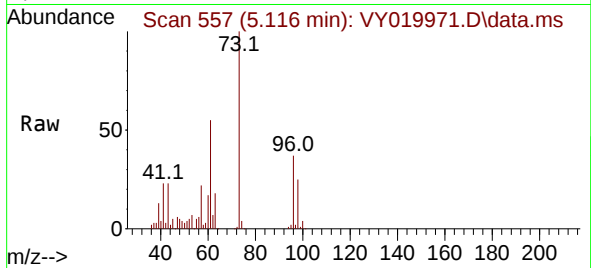




#19
Methyl tert-butyl Ether
Concen: 20.941 ug/l
RT: 5.116 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY019971.D
Acq: 22 Oct 2024 11:16

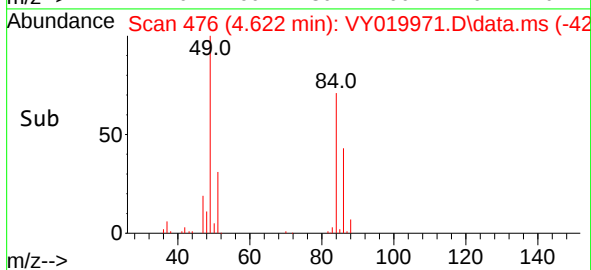
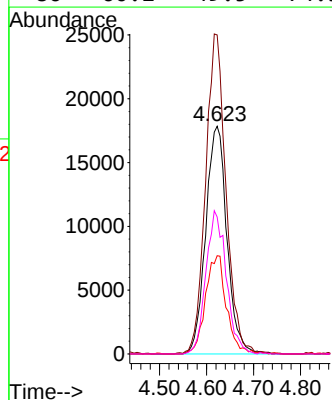
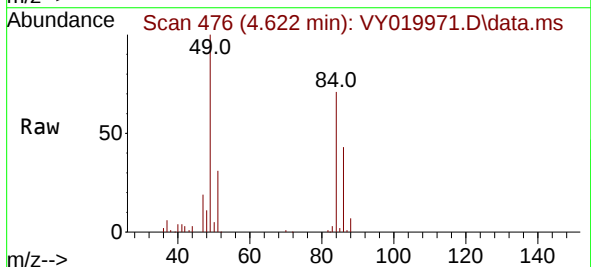
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 73 Resp: 139186
Ion Ratio Lower Upper
73 100
57 22.0 17.3 25.9



#20
Methylene Chloride
Concen: 21.506 ug/l
RT: 4.622 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY019971.D
Acq: 22 Oct 2024 11:16

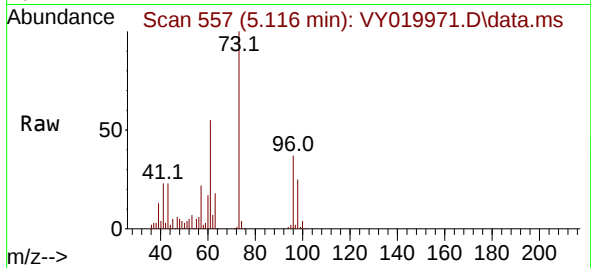
Tgt Ion: 84 Resp: 56101
Ion Ratio Lower Upper
84 100
49 139.7 84.4 126.6#
51 43.1 26.0 39.0#
86 60.2 49.5 74.3



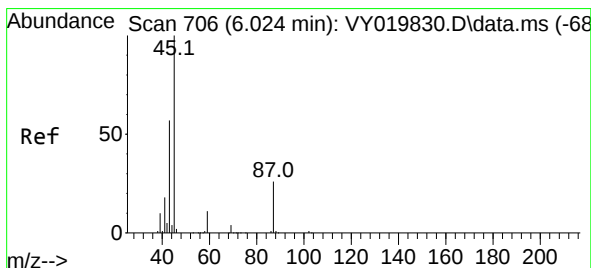
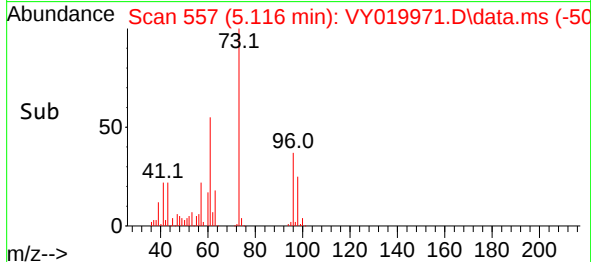
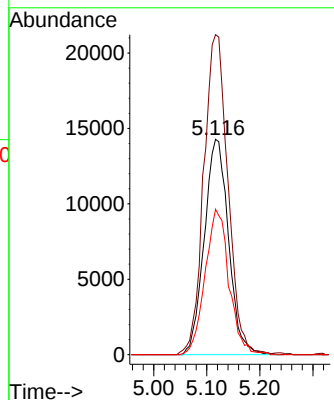


#21
trans-1,2-Dichloroethene
Concen: 17.999 ug/l
RT: 5.116 min Scan# 51
Delta R.T. 0.007 min
Lab File: VY019971.D
Acq: 22 Oct 2024 11:16

Instrument :
MSVOA_Y
ClientSampleId :

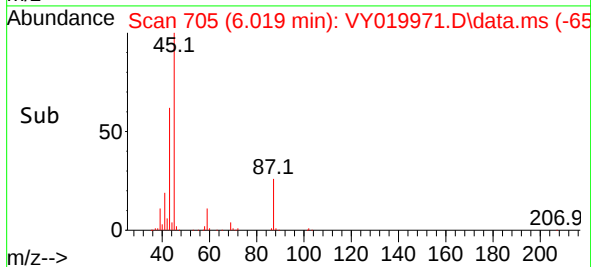
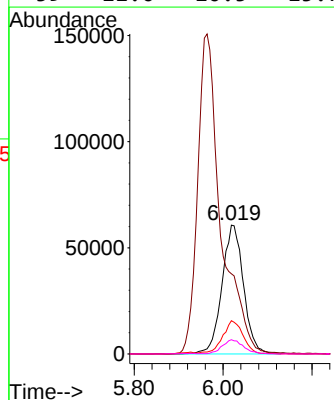
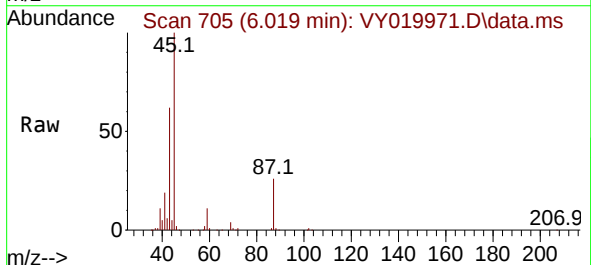


Tgt Ion: 96 Resp: 45321
Ion Ratio Lower Upper
96 100
61 147.7 97.5 146.3#
98 67.5 50.5 75.7



#22
Diisopropyl ether
Concen: 22.409 ug/l
RT: 6.019 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY019971.D
Acq: 22 Oct 2024 11:16

Tgt Ion: 45 Resp: 203752
Ion Ratio Lower Upper
45 100
43 61.5 42.2 63.2
87 25.9 25.0 37.6
59 11.0 10.5 15.7

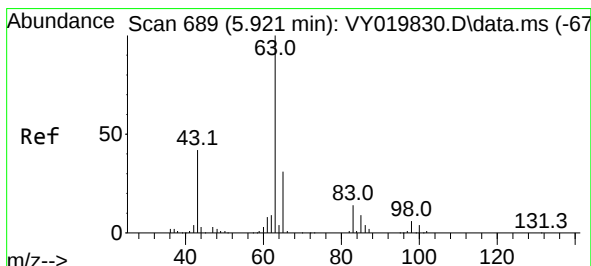
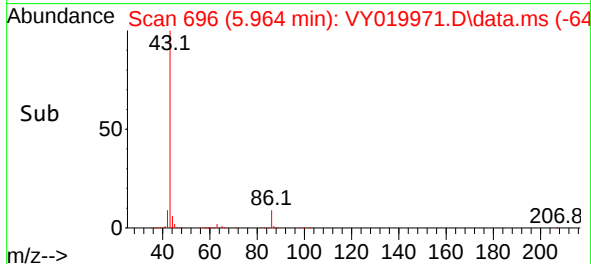
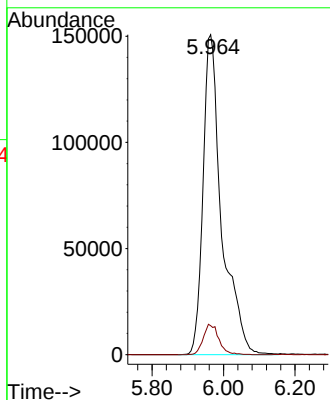
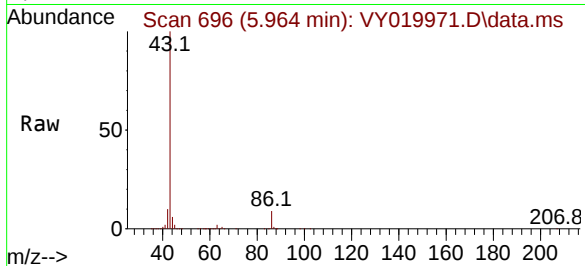




#23
 Vinyl Acetate
 Concen: 104.884 ug/l
 RT: 5.964 min Scan# 696
 Delta R.T. 0.007 min
 Lab File: VY019971.D
 Acq: 22 Oct 2024 11:16

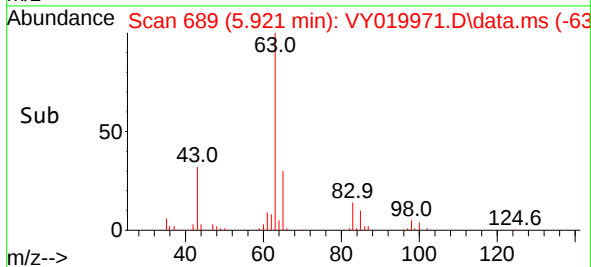
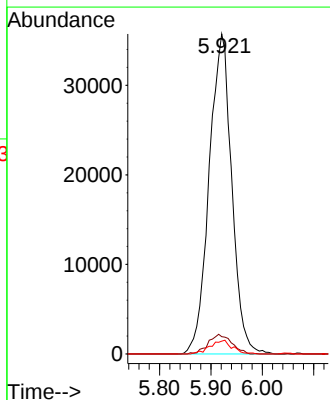
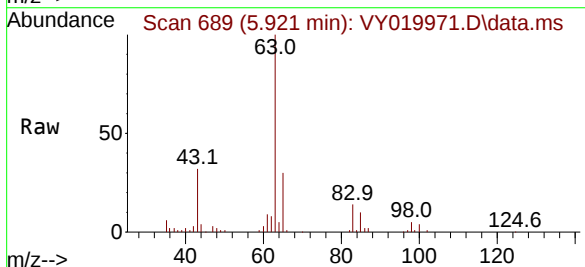
Instrument :
 MSVOA_Y
 ClientSampleId :

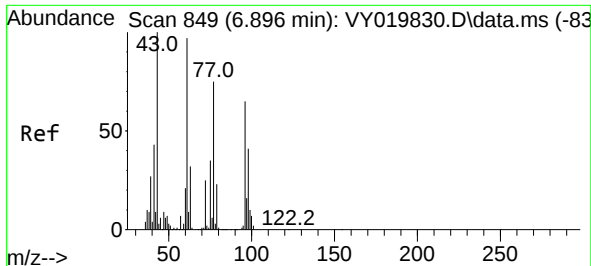
Tgt Ion: 43 Resp: 546717
 Ion Ratio Lower Upper
 43 100
 86 9.1 10.6 16.0#



#24
 1,1-Dichloroethane
 Concen: 21.554 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. 0.007 min
 Lab File: VY019971.D
 Acq: 22 Oct 2024 11:16

Tgt Ion: 63 Resp: 108940
 Ion Ratio Lower Upper
 63 100
 98 5.4 4.0 12.2
 100 4.0 2.6 8.0





#25

2-Butanone

Concen: 110.874 ug/l

RT: 6.896 min Scan# 849

Delta R.T. 0.007 min

Lab File: VY019971.D

Acq: 22 Oct 2024 11:16

Instrument :

MSVOA_Y

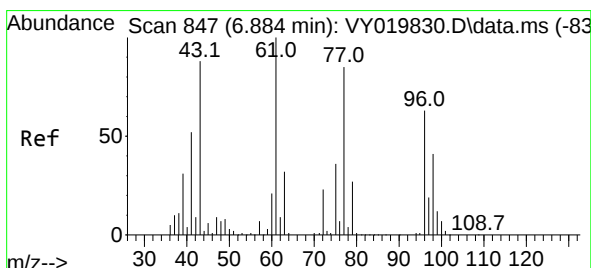
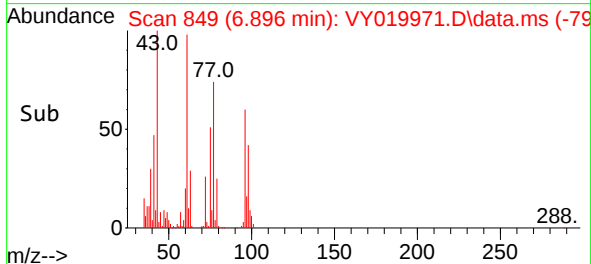
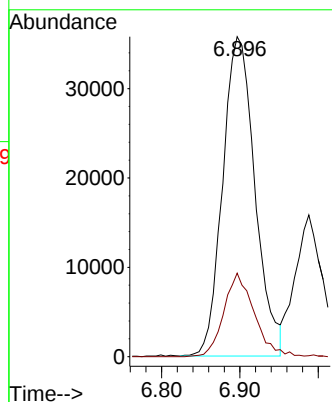
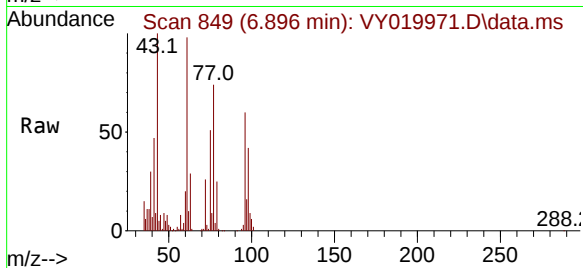
ClientSampleId :

Tgt Ion: 43 Resp: 102585

Ion Ratio Lower Upper

43 100

72 26.1 27.3 40.9#



#26

2,2-Dichloropropane

Concen: 20.079 ug/l

RT: 6.884 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY019971.D

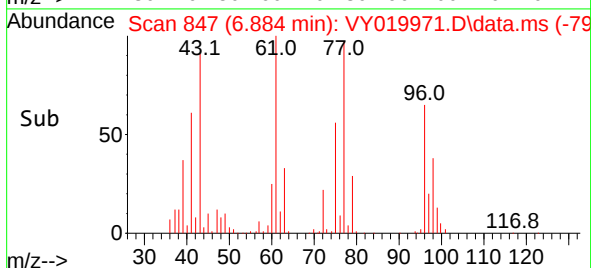
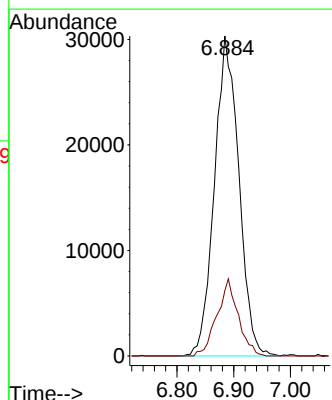
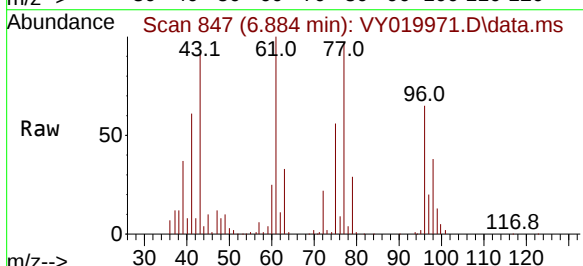
Acq: 22 Oct 2024 11:16

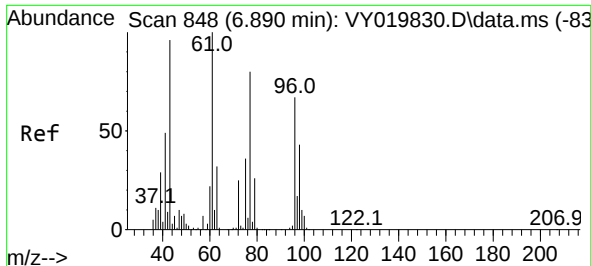
Tgt Ion: 77 Resp: 90383

Ion Ratio Lower Upper

77 100

97 21.0 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 20.031 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.000 min

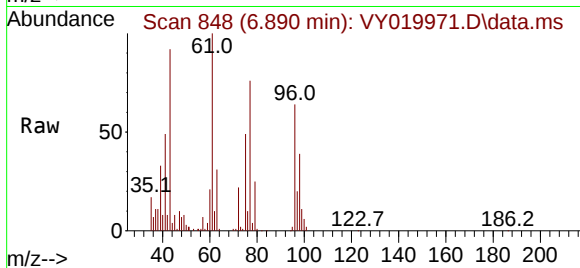
Lab File: VY019971.D

Acq: 22 Oct 2024 11:16

Instrument :

MSVOA_Y

ClientSampleId :



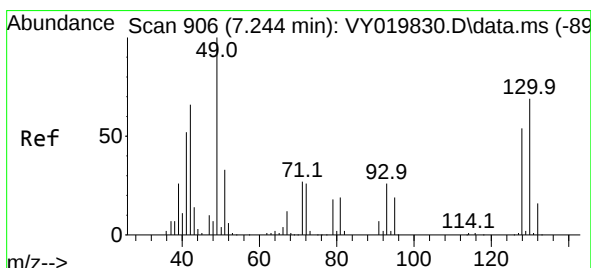
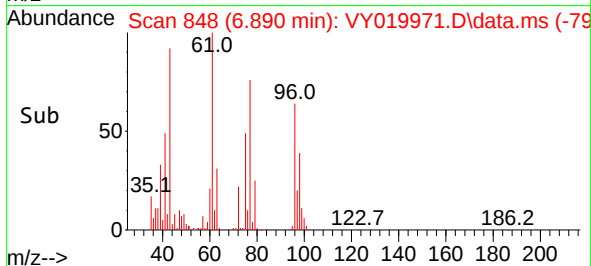
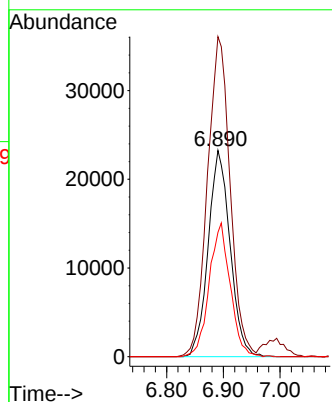
Tgt Ion: 96 Resp: 62331

Ion Ratio Lower Upper

96 100

61 160.4 0.0 256.2

98 62.4 0.0 130.0



#28

Bromochloromethane

Concen: 21.591 ug/l

RT: 7.244 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY019971.D

Acq: 22 Oct 2024 11:16

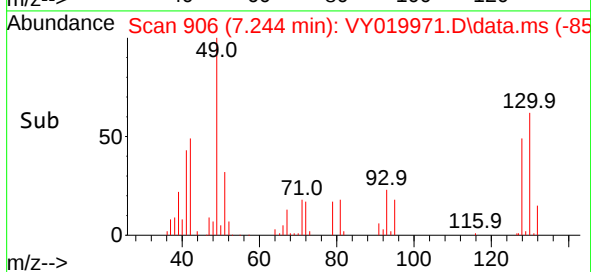
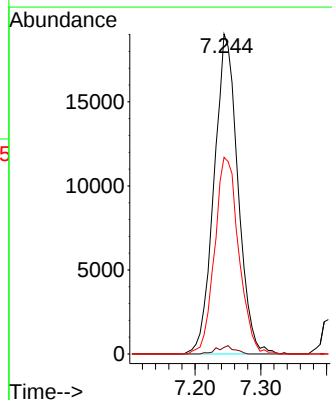
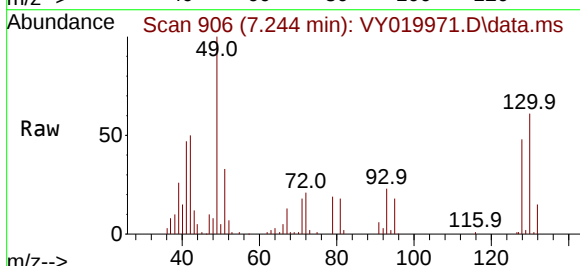
Tgt Ion: 49 Resp: 48033

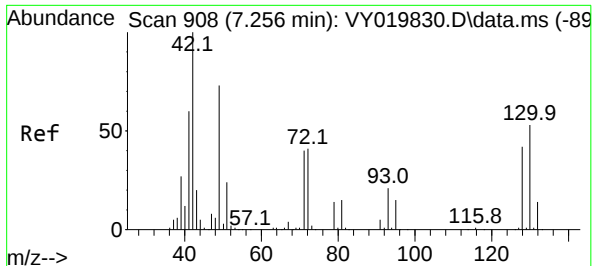
Ion Ratio Lower Upper

49 100

129 1.9 0.0 4.6

130 62.2 72.7 109.1#





#29

Tetrahydrofuran

Concen: 104.047 ug/l

RT: 7.262 min Scan# 908

Delta R.T. 0.000 min

Lab File: VY019971.D

Acq: 22 Oct 2024 11:16

Instrument :

MSVOA_Y

ClientSampleId :

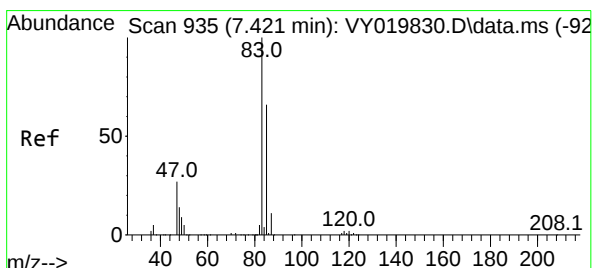
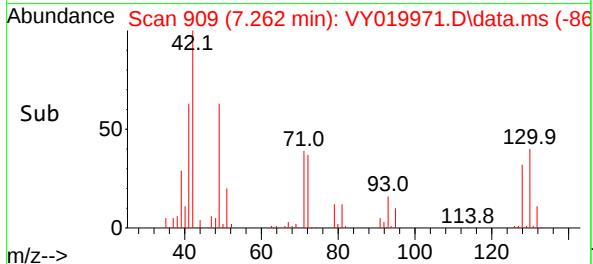
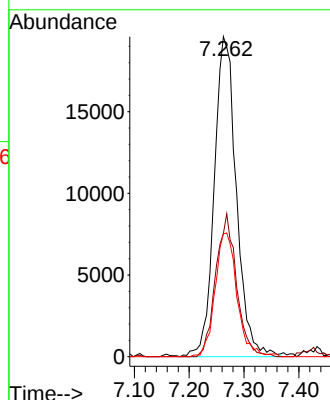
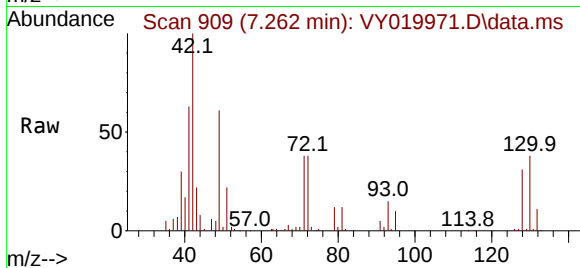
Tgt Ion: 42 Resp: 54967

Ion Ratio Lower Upper

42 100

72 41.9 43.0 64.4#

71 38.1 40.8 61.2#



#30

Chloroform

Concen: 21.894 ug/l

RT: 7.421 min Scan# 935

Delta R.T. 0.000 min

Lab File: VY019971.D

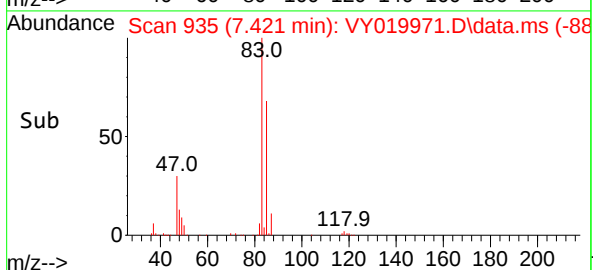
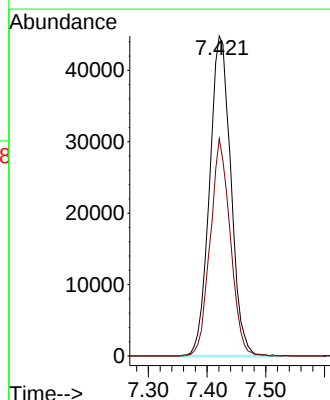
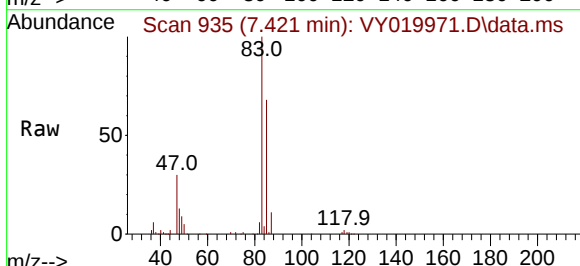
Acq: 22 Oct 2024 11:16

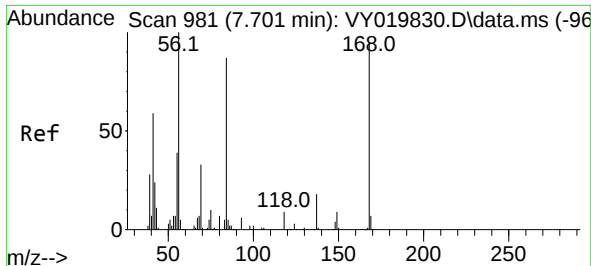
Tgt Ion: 83 Resp: 112806

Ion Ratio Lower Upper

83 100

85 67.9 52.2 78.4

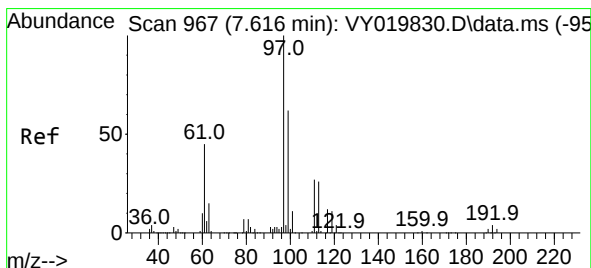
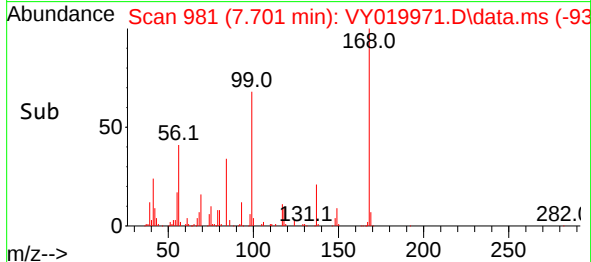
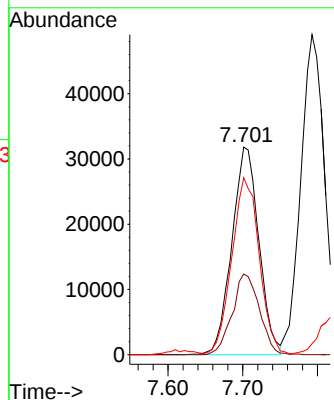
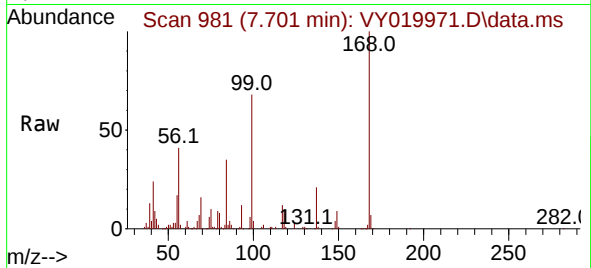




#31
Cyclohexane
Concen: 18.047 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY019971.D
Acq: 22 Oct 2024 11:16

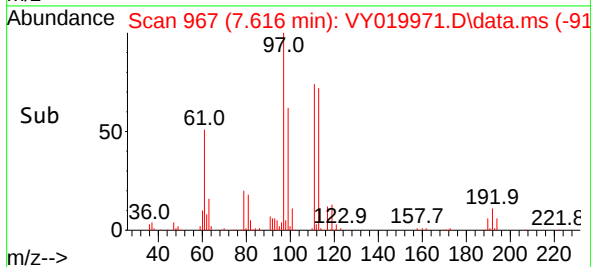
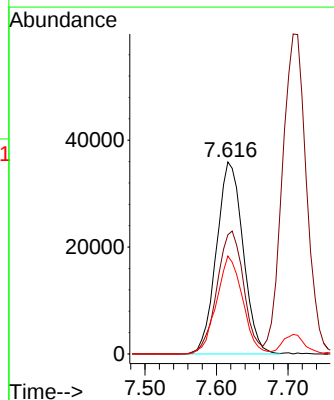
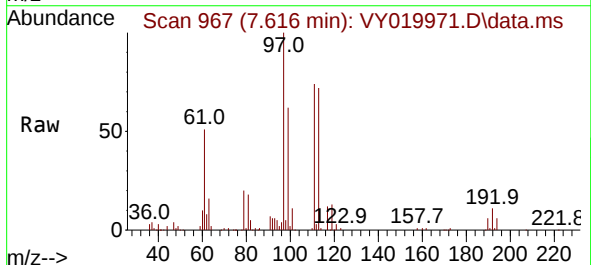
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 56 Resp: 80071
Ion Ratio Lower Upper
56 100
69 38.9 28.7 43.1
84 83.9 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 20.548 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY019971.D
Acq: 22 Oct 2024 11:16

Tgt Ion: 97 Resp: 92780
Ion Ratio Lower Upper
97 100
99 64.3 50.3 75.5
61 50.0 32.6 48.8#





#33

1,2-Dichloroethane-d4

Concen: 53.243 ug/l

RT: 8.061 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019971.D

Acq: 22 Oct 2024 11:16

Instrument :

MSVOA_Y

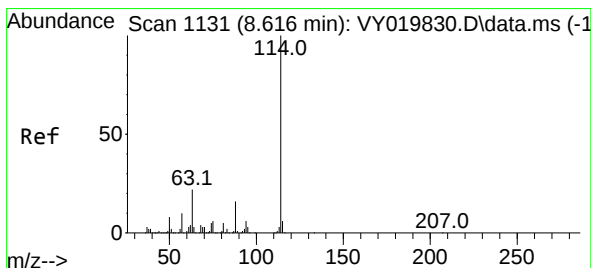
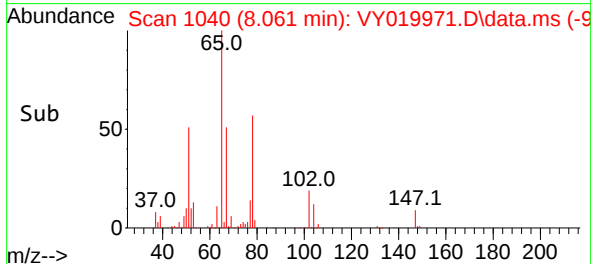
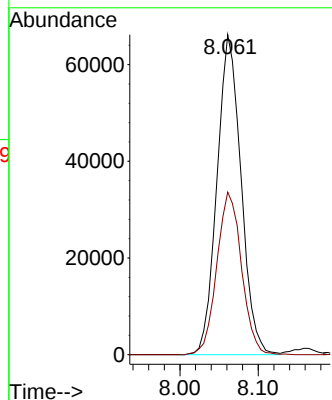
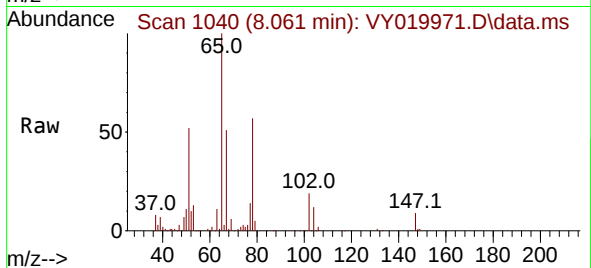
ClientSampleId :

Tgt Ion: 65 Resp: 141380

Ion Ratio Lower Upper

65 100

67 52.2 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: VY019971.D

Acq: 22 Oct 2024 11:16

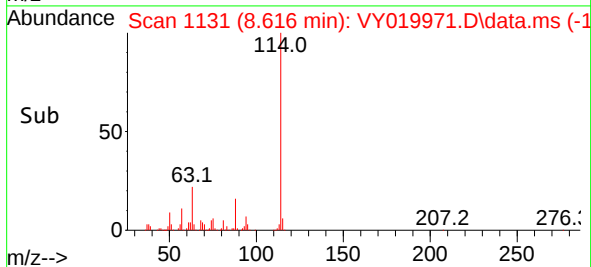
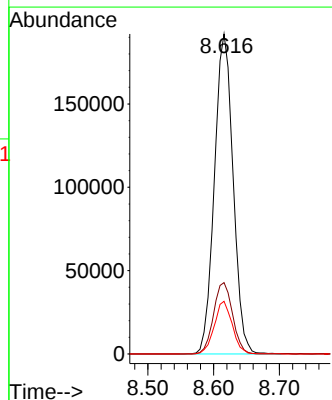
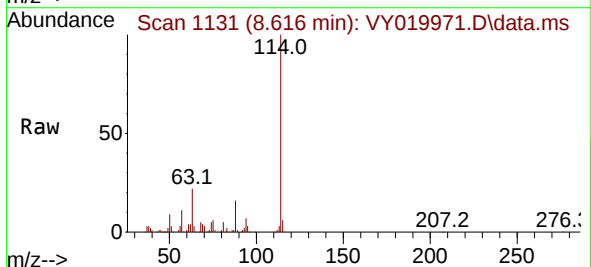
Tgt Ion: 114 Resp: 379714

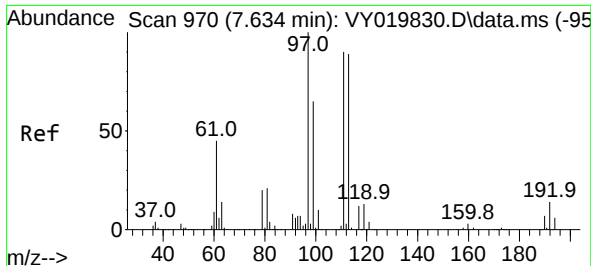
Ion Ratio Lower Upper

114 100

63 22.3 0.0 35.0

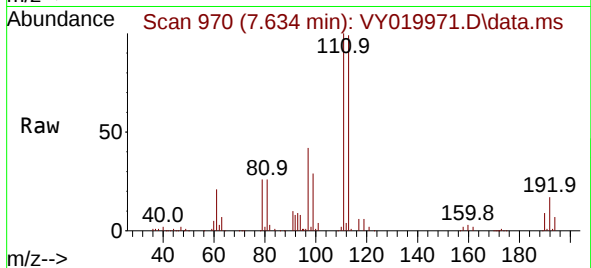
88 16.5 0.0 27.2



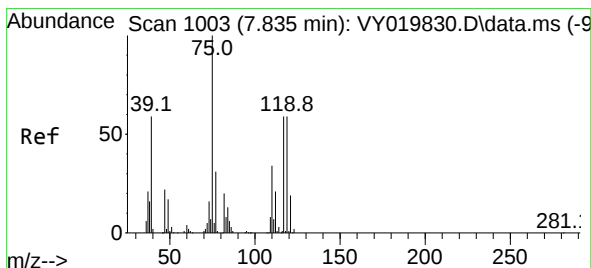
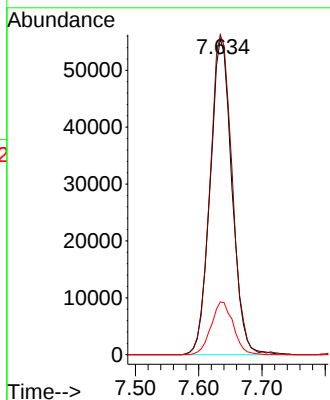
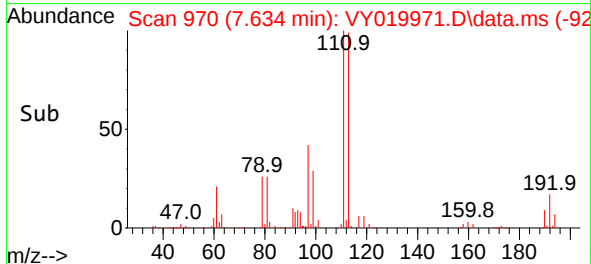


#35
Dibromofluoromethane
Concen: 53.084 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019971.D
Acq: 22 Oct 2024 11:16

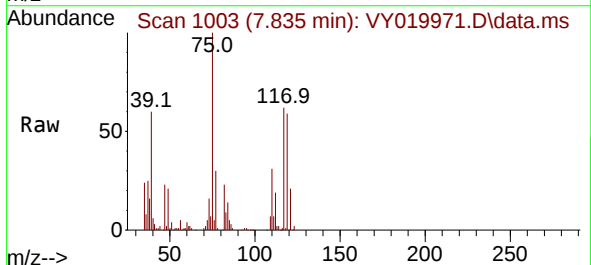
Instrument :
MSVOA_Y
ClientSampleId :



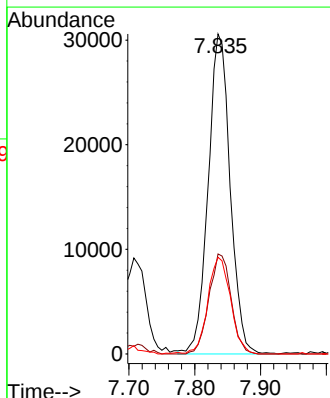
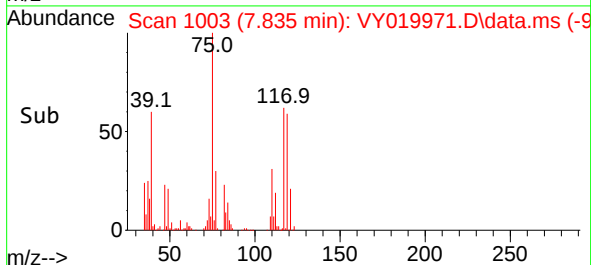
Tgt Ion:113 Resp: 133012
Ion Ratio Lower Upper
113 100
111 102.6 82.2 123.4
192 16.9 15.9 23.9

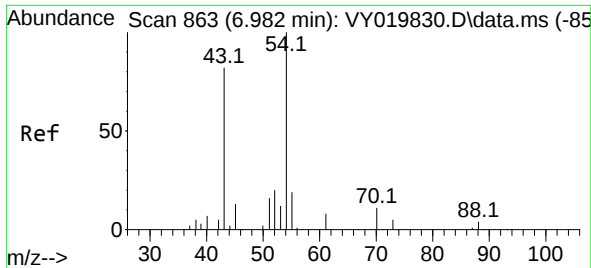


#36
1,1-Dichloropropene
Concen: 19.734 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY019971.D
Acq: 22 Oct 2024 11:16



Tgt Ion: 75 Resp: 71236
Ion Ratio Lower Upper
75 100
110 31.3 19.0 57.0
77 31.3 25.3 37.9

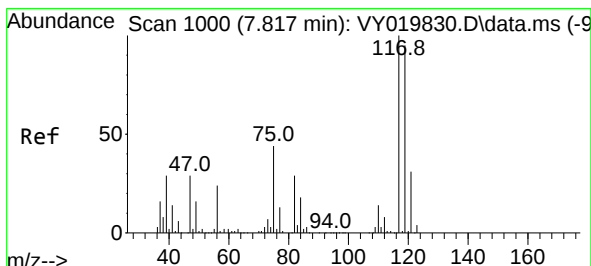
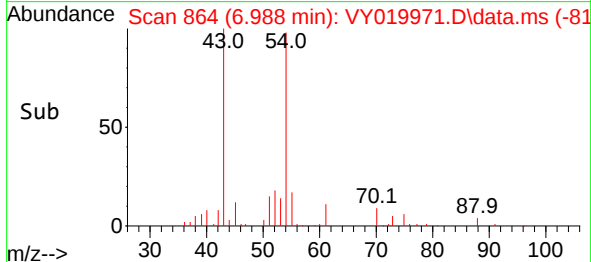
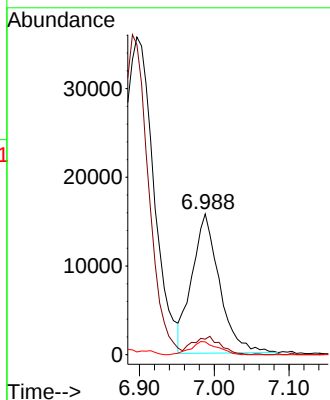
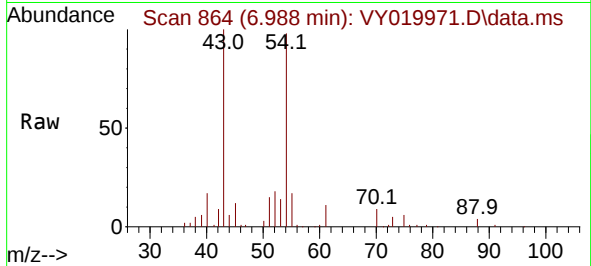




#37
Ethyl Acetate
Concen: 21.303 ug/l
RT: 6.988 min Scan# 864
Delta R.T. 0.007 min
Lab File: VY019971.D
Acq: 22 Oct 2024 11:16

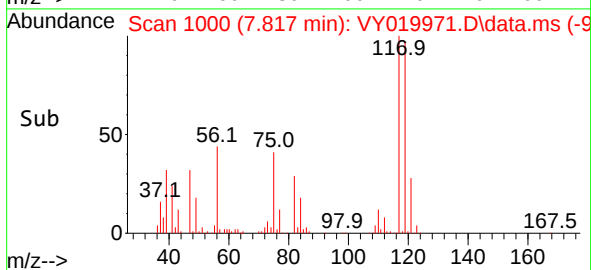
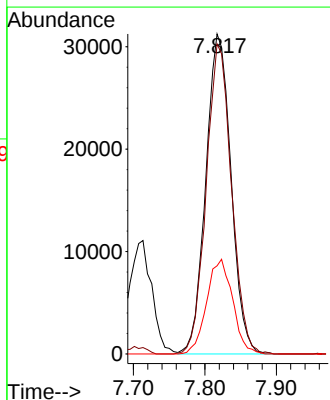
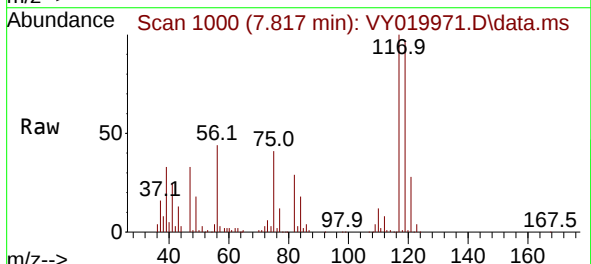
Instrument :
MSVOA_Y
ClientSampleId :

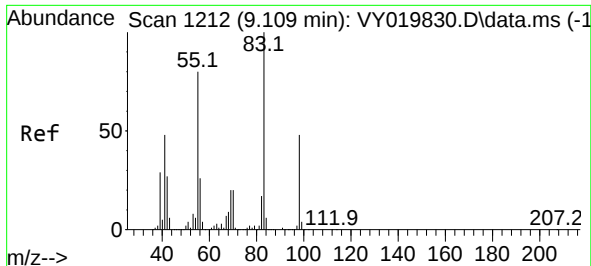
Tgt Ion: 43	Resp:	40100
Ion Ratio	Lower	Upper
43	100	
61	13.1	12.6 19.0
70	9.1	7.8 11.8



#38
Carbon Tetrachloride
Concen: 19.817 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY019971.D
Acq: 22 Oct 2024 11:16

Tgt Ion: 117	Resp:	76692
Ion Ratio	Lower	Upper
117	100	
119	96.9	75.8 113.6
121	27.5	24.0 36.0





#39

Methylcyclohexane

Concen: 17.646 ug/l

RT: 9.110 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019971.D

Acq: 22 Oct 2024 11:16

Instrument :

MSVOA_Y

ClientSampleId :

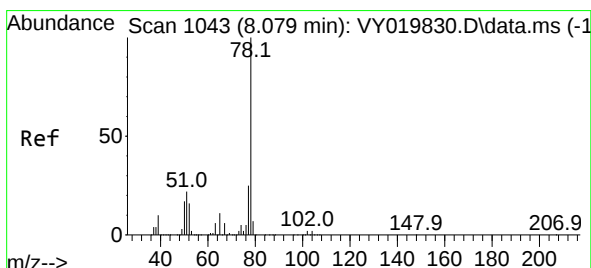
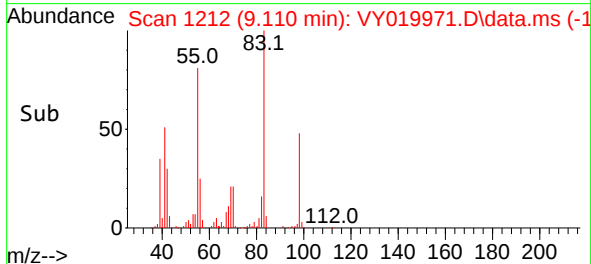
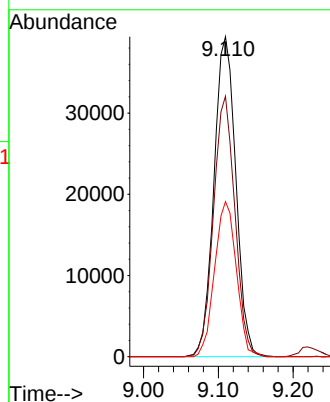
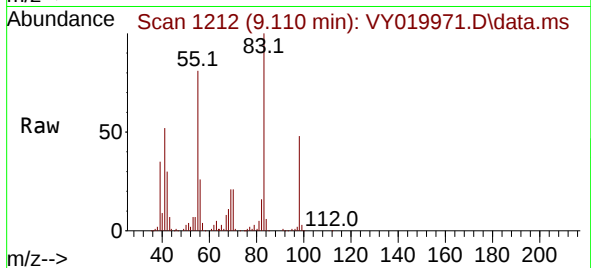
Tgt Ion: 83 Resp: 80260

Ion Ratio Lower Upper

83 100

55 81.4 51.5 77.3#

98 48.5 40.5 60.7



#40

Benzene

Concen: 20.092 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VY019971.D

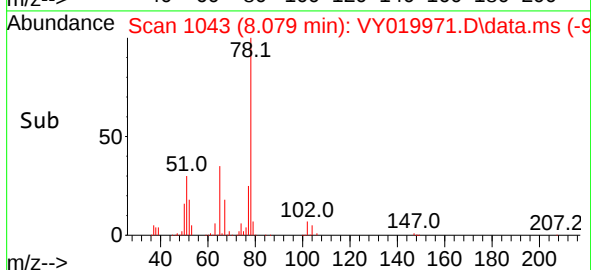
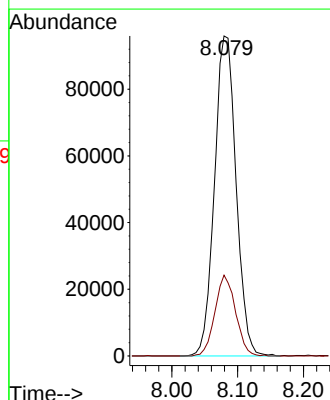
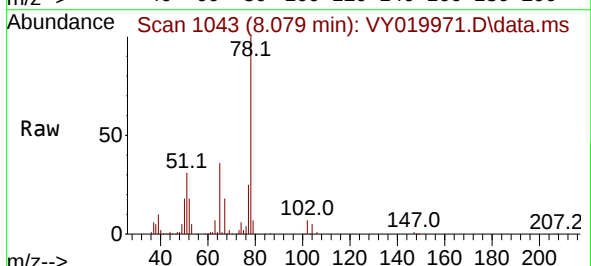
Acq: 22 Oct 2024 11:16

Tgt Ion: 78 Resp: 219502

Ion Ratio Lower Upper

78 100

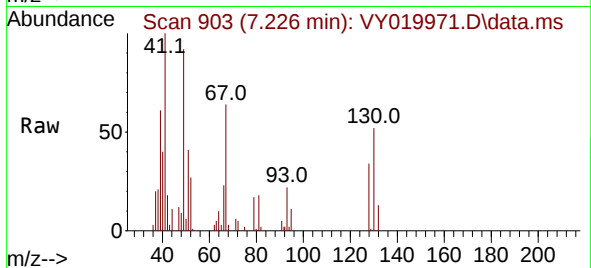
77 25.2 19.5 29.3



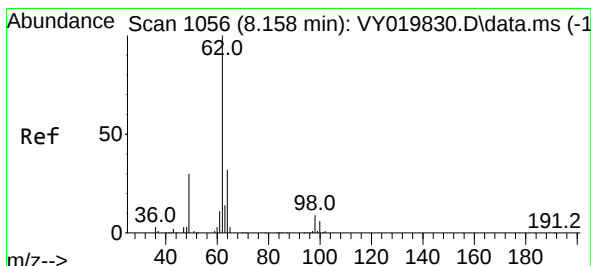
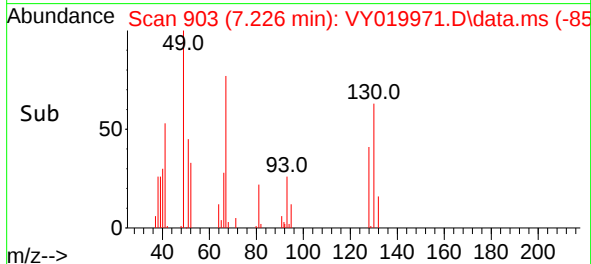
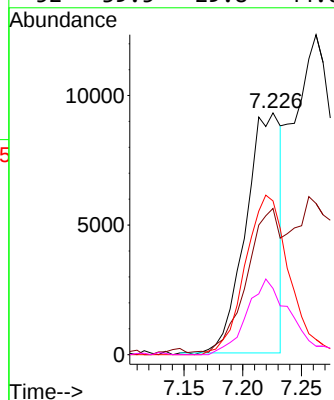


#41
Methacrylonitrile
Concen: 18.985 ug/l
RT: 7.226 min Scan# 902
Delta R.T. 0.007 min
Lab File: VY019971.D
Acq: 22 Oct 2024 11:16

Instrument :
MSVOA_Y
ClientSampleId :

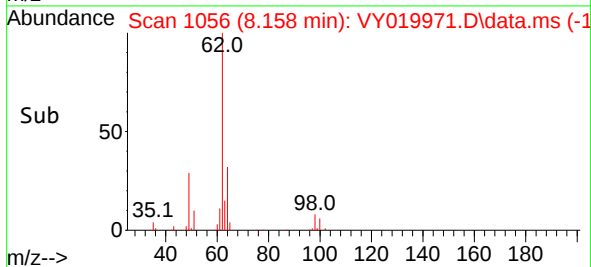
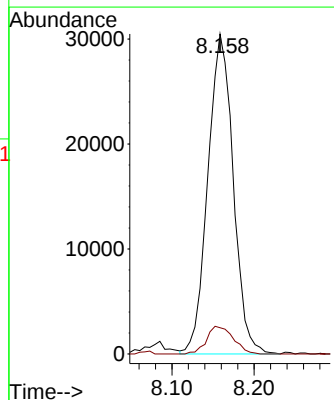
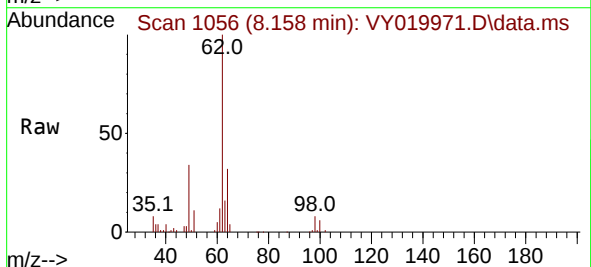


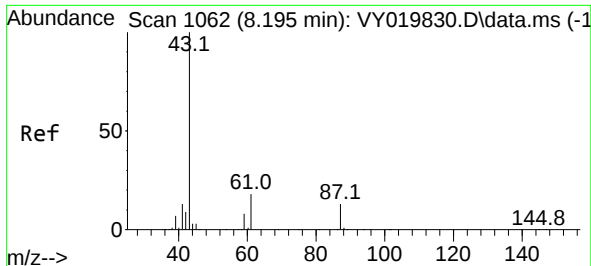
Tgt Ion:	41	Resp:	19341
Ion Ratio	100	Lower	Upper
39	64.5	48.0	72.0
67	82.9	75.1	112.7
52	39.5	29.8	44.6



#42
1,2-Dichloroethane
Concen: 20.844 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY019971.D
Acq: 22 Oct 2024 11:16

Tgt Ion:	62	Resp:	65423
Ion Ratio	100	Lower	Upper
98	9.1	0.0	22.0

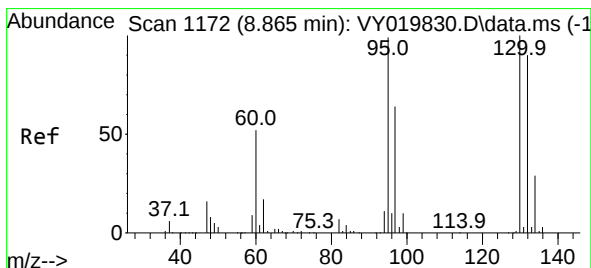
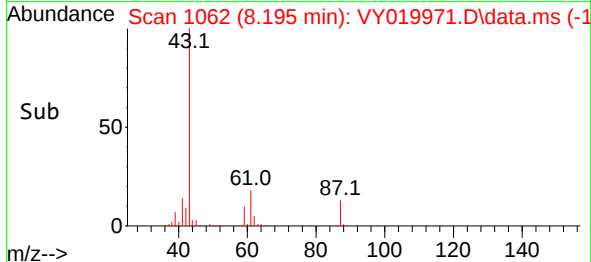
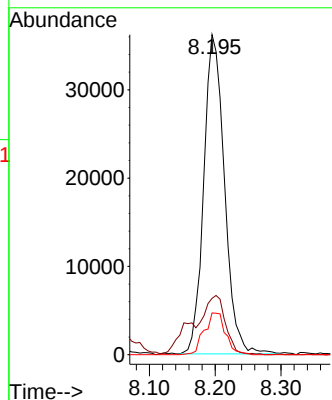
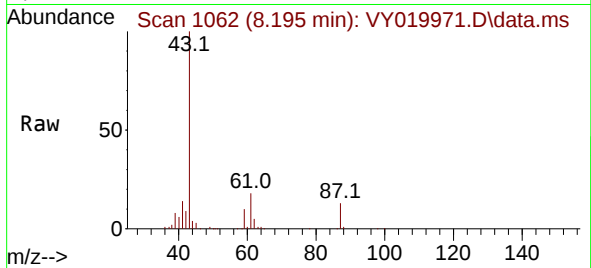




#43
Isopropyl Acetate
Concen: 20.666 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VY019971.D
Acq: 22 Oct 2024 11:16

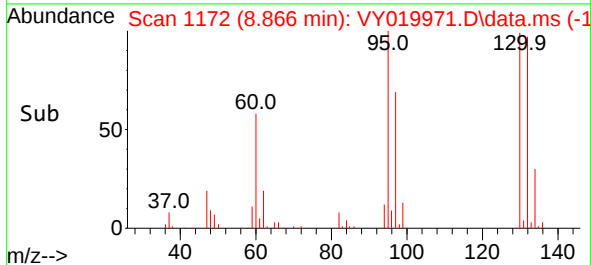
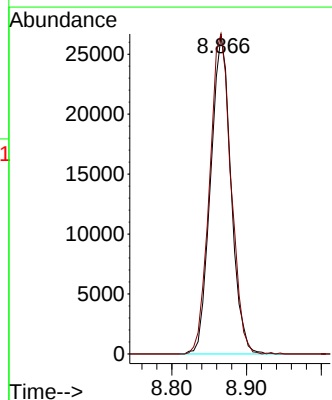
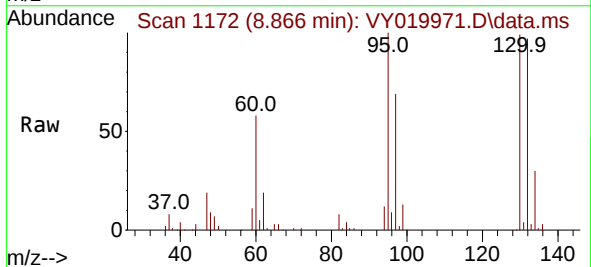
Instrument :
MSVOA_Y
ClientSampleId :

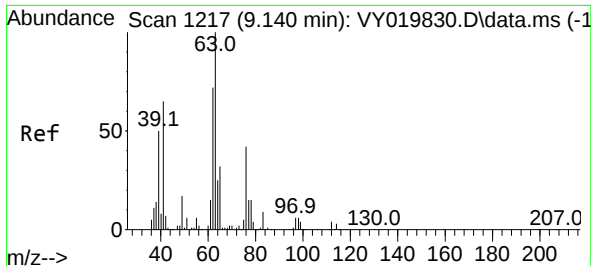
Tgt Ion: 43 Resp: 79333
Ion Ratio Lower Upper
43 100
61 19.8 27.9 41.9#
87 13.4 13.1 19.7



#44
Trichloroethene
Concen: 19.035 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY019971.D
Acq: 22 Oct 2024 11:16

Tgt Ion:130 Resp: 50367
Ion Ratio Lower Upper
130 100
95 100.5 0.0 188.0





#45

1,2-Dichloropropane

Concen: 21.677 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY019971.D

Acq: 22 Oct 2024 11:16

Instrument :

MSVOA_Y

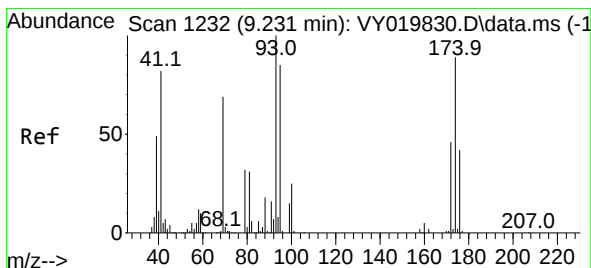
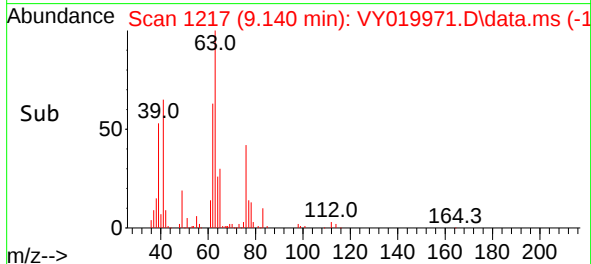
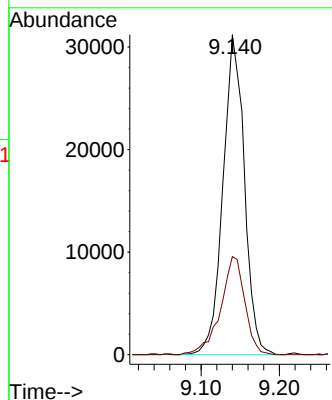
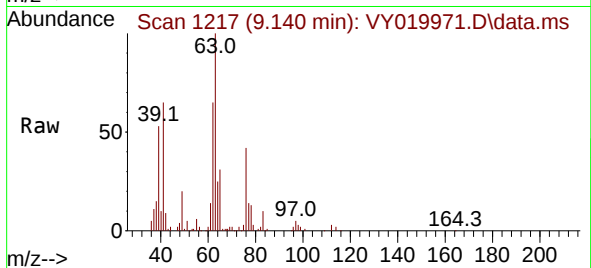
ClientSampleId :

Tgt Ion: 63 Resp: 59274

Ion Ratio Lower Upper

63 100

65 30.7 25.4 38.2



#46

Dibromomethane

Concen: 20.724 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY019971.D

Acq: 22 Oct 2024 11:16

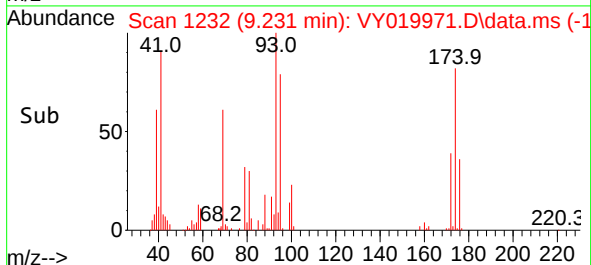
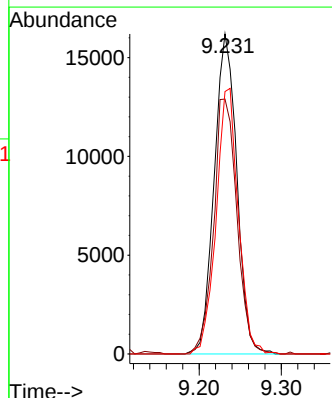
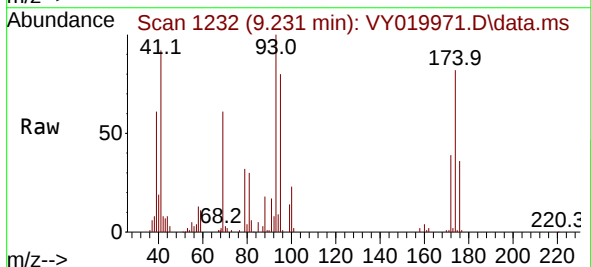
Tgt Ion: 93 Resp: 30961

Ion Ratio Lower Upper

93 100

95 82.1 66.2 99.4

174 81.3 80.9 121.3

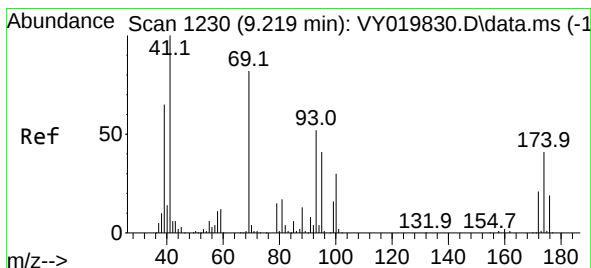
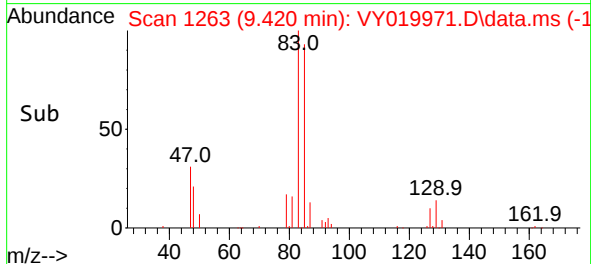
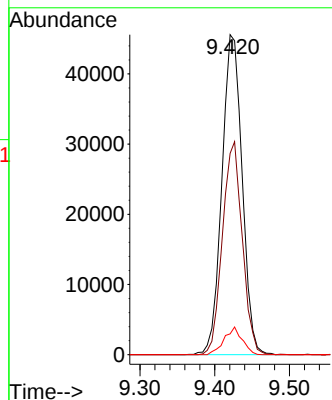
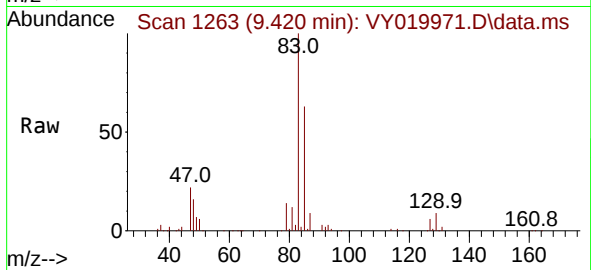




#47
Bromodichloromethane
Concen: 21.687 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. -0.006 min
Lab File: VY019971.D
Acq: 22 Oct 2024 11:16

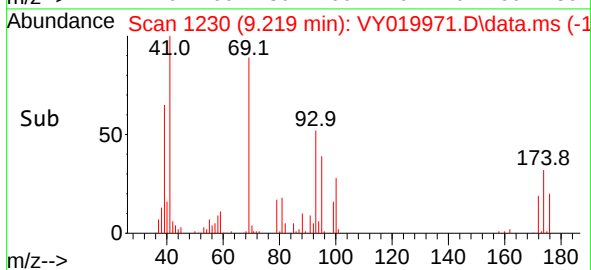
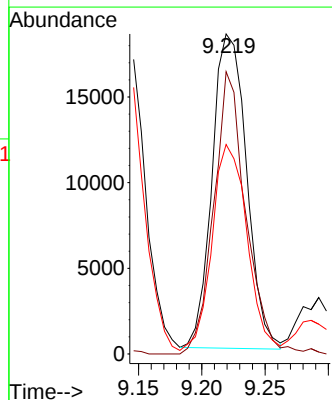
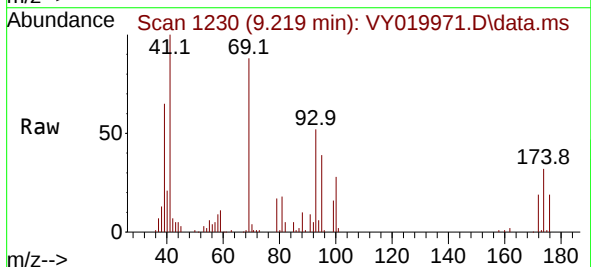
Instrument :
MSVOA_Y
ClientSampleId :

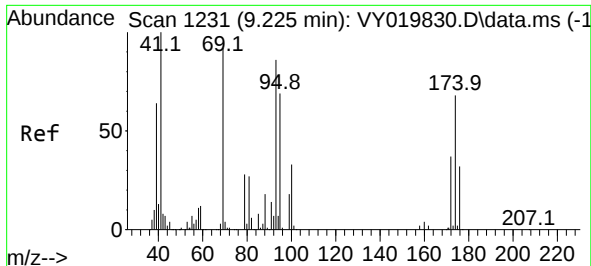
Tgt Ion: 83 Resp: 86000
Ion Ratio Lower Upper
83 100
85 62.9 50.1 75.1
127 6.5 7.4 11.0#



#48
Methyl methacrylate
Concen: 20.605 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY019971.D
Acq: 22 Oct 2024 11:16

Tgt Ion: 41 Resp: 34794
Ion Ratio Lower Upper
41 100
69 83.9 84.1 126.1#
39 68.1 43.6 65.4#





#49

1,4-Dioxane

Concen: 438.363 ug/l

RT: 9.231 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019971.D

Acq: 22 Oct 2024 11:16

Instrument :

MSVOA_Y

ClientSampleId :

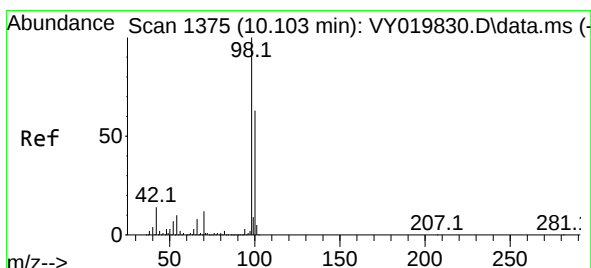
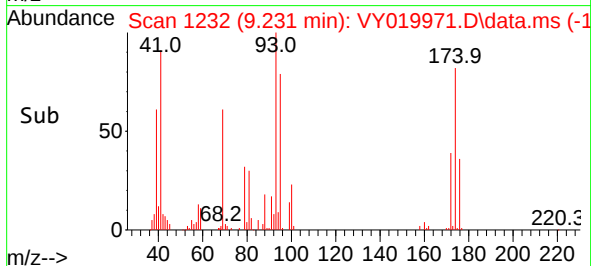
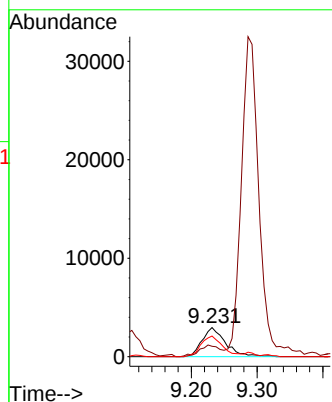
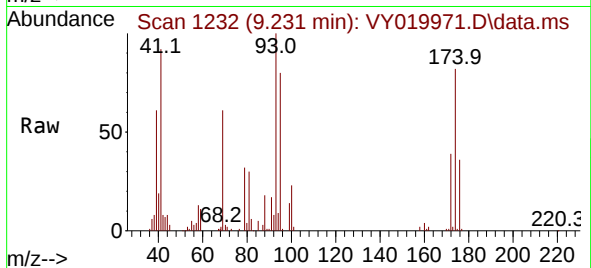
Tgt Ion: 88 Resp: 7330

Ion Ratio Lower Upper

88 100

43 35.5 0.0 0.0#

58 66.8 49.3 73.9



#50

Toluene-d8

Concen: 51.432 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY019971.D

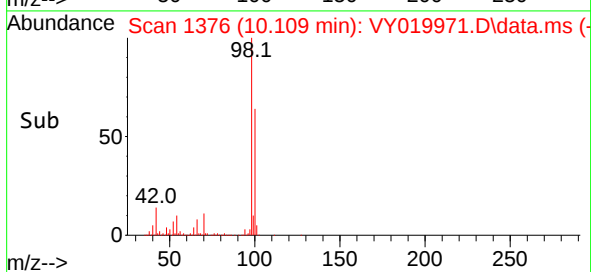
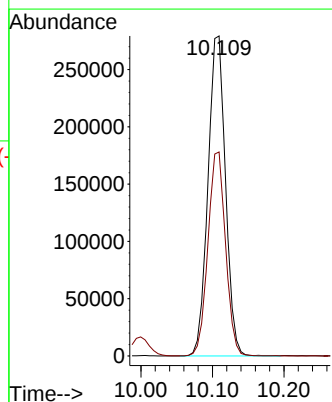
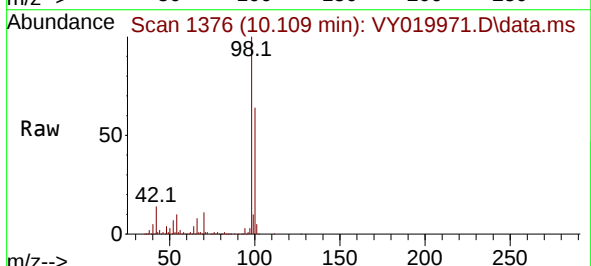
Acq: 22 Oct 2024 11:16

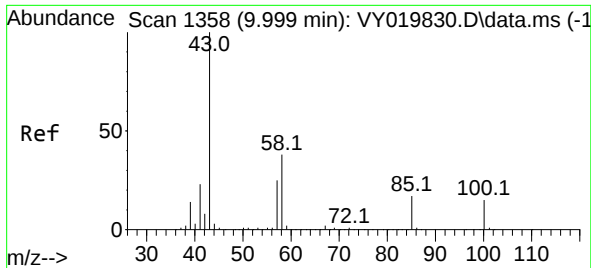
Tgt Ion: 98 Resp: 475907

Ion Ratio Lower Upper

98 100

100 64.1 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 110.843 ug/l

RT: 10.000 min Scan# 1358

Delta R.T. 0.000 min

Lab File: VY019971.D

Acq: 22 Oct 2024 11:16

Instrument :

MSVOA_Y

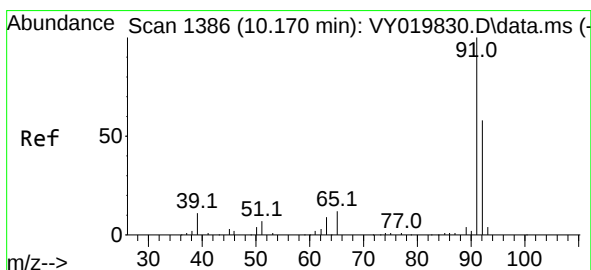
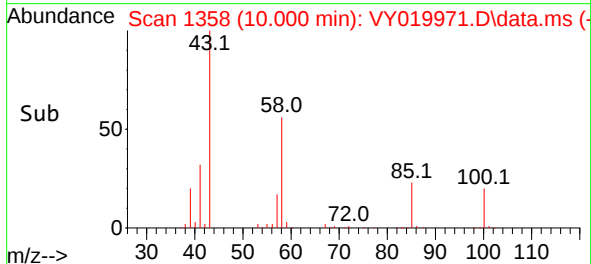
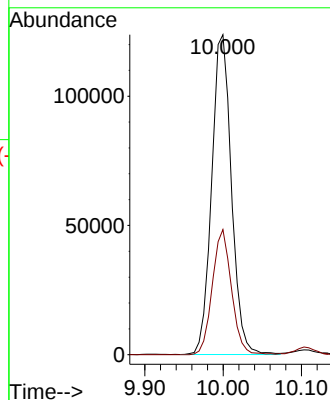
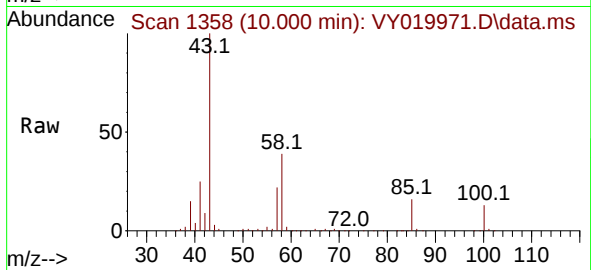
ClientSampleId :

Tgt Ion: 43 Resp: 217037

Ion Ratio Lower Upper

43 100

58 37.9 35.7 53.5



#52

Toluene

Concen: 20.352 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VY019971.D

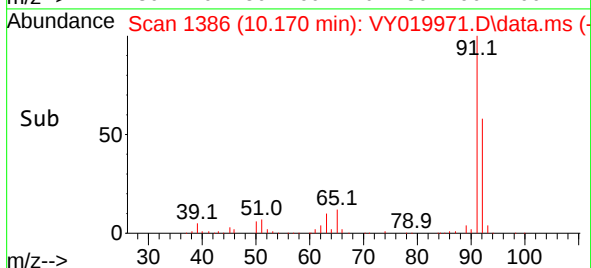
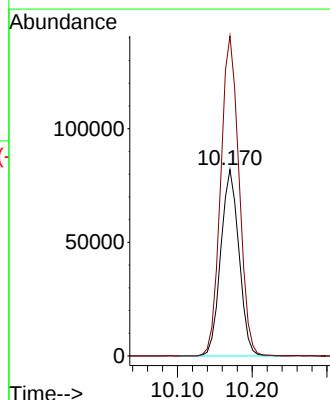
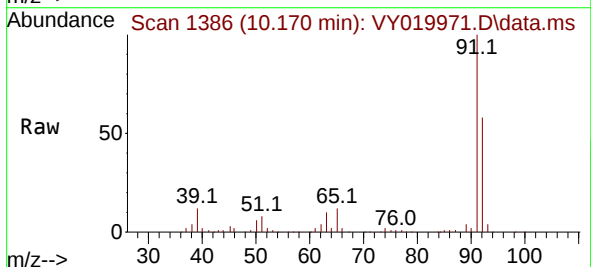
Acq: 22 Oct 2024 11:16

Tgt Ion: 92 Resp: 138788

Ion Ratio Lower Upper

92 100

91 173.7 139.0 208.6

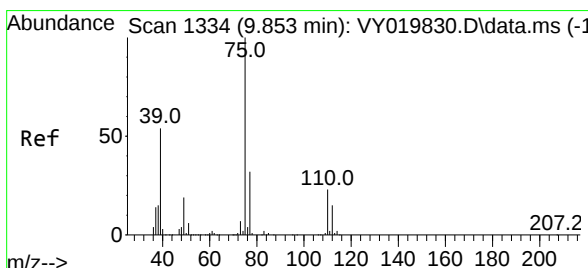
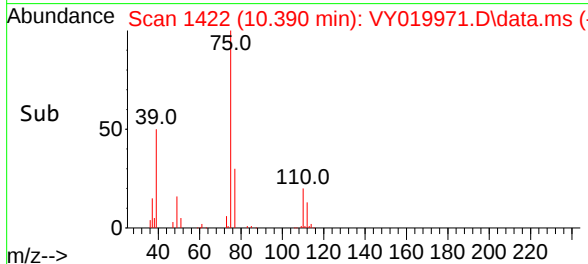
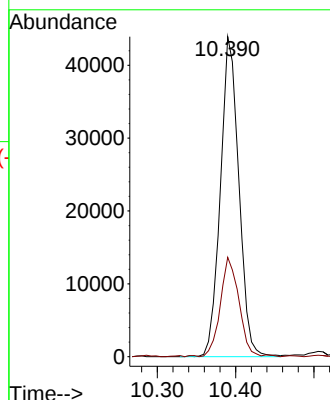
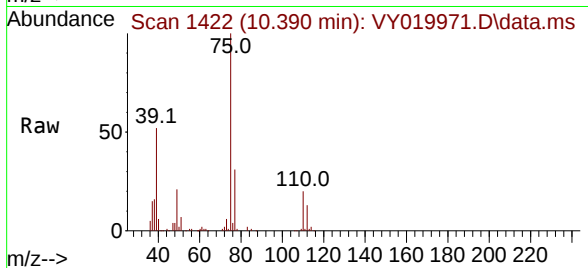




#53
 t-1,3-Dichloropropene
 Concen: 20.187 ug/l
 RT: 10.390 min Scan# 1422
 Delta R.T. -0.006 min
 Lab File: VY019971.D
 Acq: 22 Oct 2024 11:16

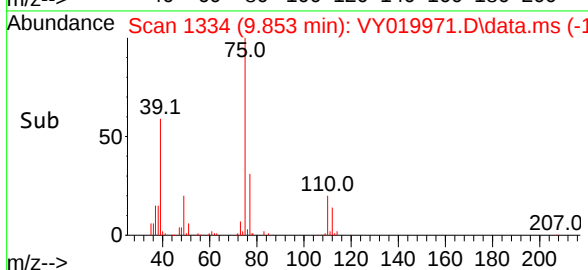
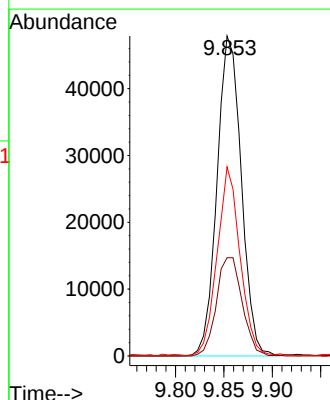
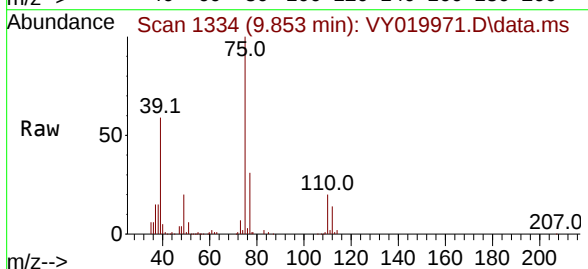
Instrument :
 MSVOA_Y
 ClientSampleId :

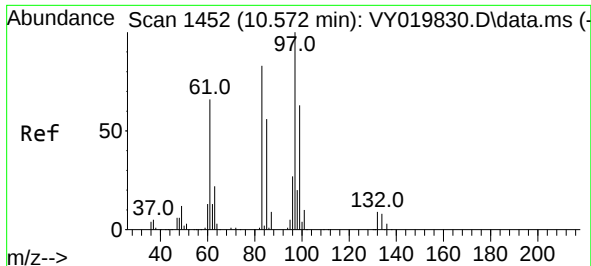
Tgt Ion: 75 Resp: 72028
 Ion Ratio Lower Upper
 75 100
 77 31.0 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 19.826 ug/l
 RT: 9.853 min Scan# 1334
 Delta R.T. -0.006 min
 Lab File: VY019971.D
 Acq: 22 Oct 2024 11:16

Tgt Ion: 75 Resp: 83472
 Ion Ratio Lower Upper
 75 100
 77 30.7 25.4 38.0
 39 58.7 29.8 44.6#

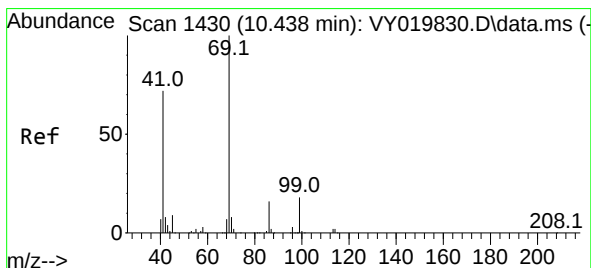
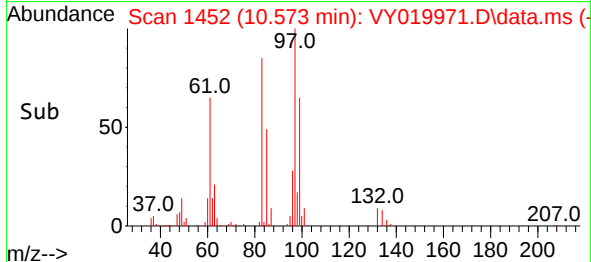
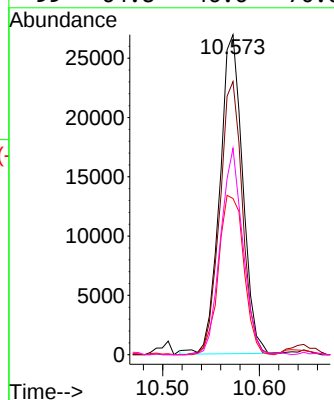
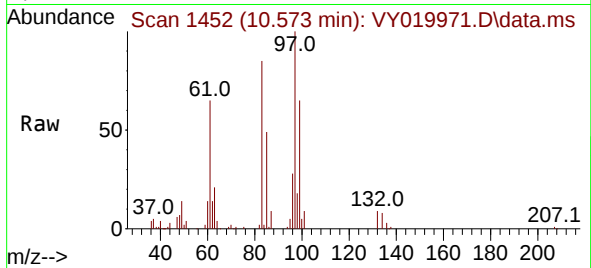




#55
1,1,2-Trichloroethane
Concen: 22.457 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY019971.D
Acq: 22 Oct 2024 11:16

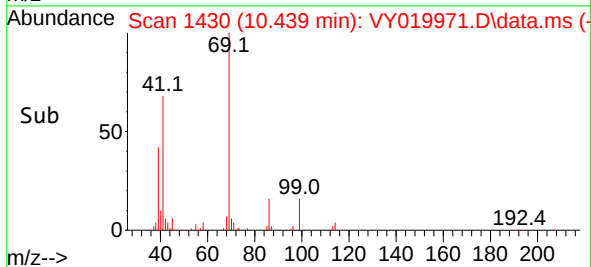
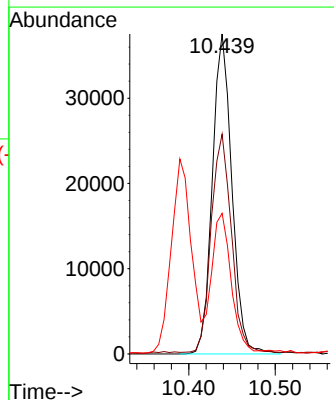
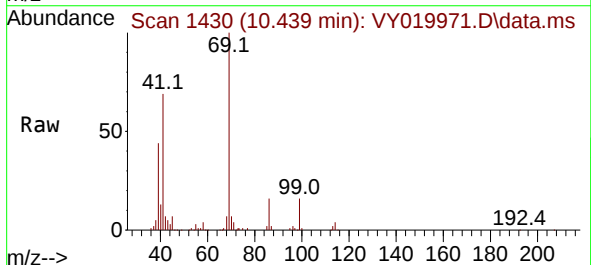
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 97	Resp: 44204
Ion Ratio	Lower Upper
97 100	
83 85.7	67.5 101.3
85 49.0	42.9 64.3
99 64.8	46.6 70.0



#56
Ethyl methacrylate
Concen: 20.837 ug/l
RT: 10.439 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY019971.D
Acq: 22 Oct 2024 11:16

Tgt Ion: 69	Resp: 58852
Ion Ratio	Lower Upper
69 100	
41 70.1	42.3 63.5#
39 42.8	22.9 34.3#





#57

1,3-Dichloropropane

Concen: 21.473 ug/l

RT: 10.713 min Scan# 1475

Delta R.T. -0.006 min

Lab File: VY019971.D

Acq: 22 Oct 2024 11:16

Instrument :

MSVOA_Y

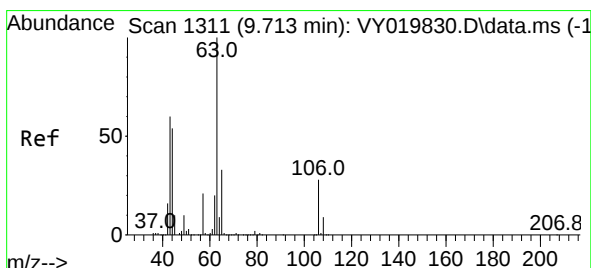
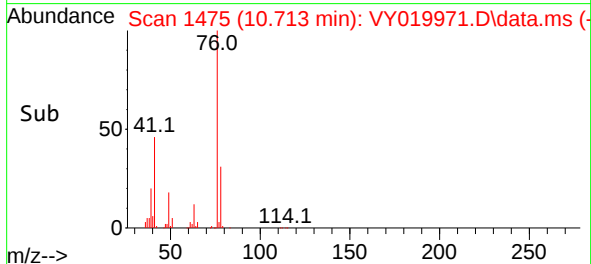
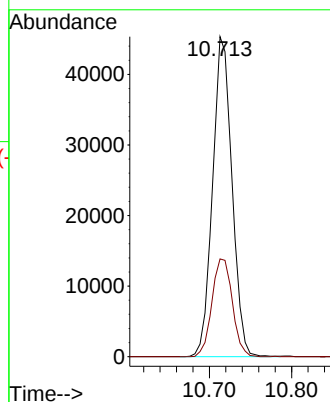
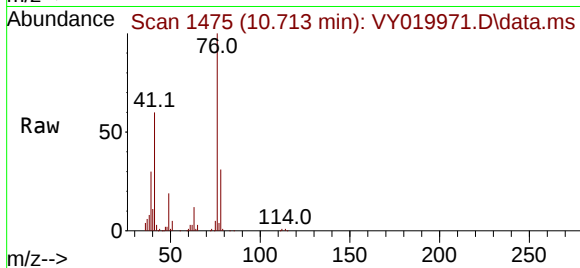
ClientSampleId :

Tgt Ion: 76 Resp: 74227

Ion Ratio Lower Upper

76 100

78 32.2 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 102.941 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. -0.006 min

Lab File: VY019971.D

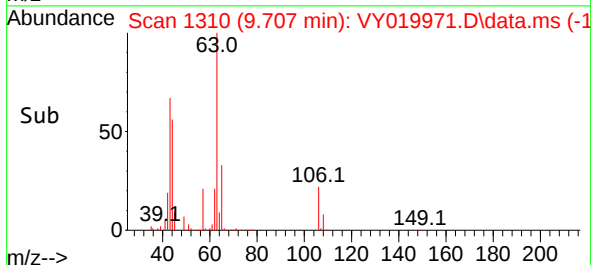
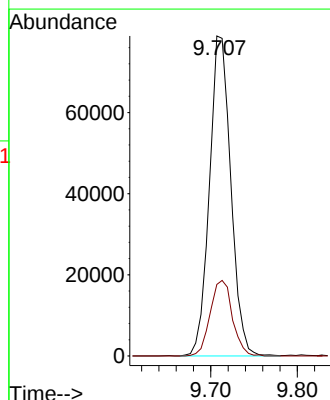
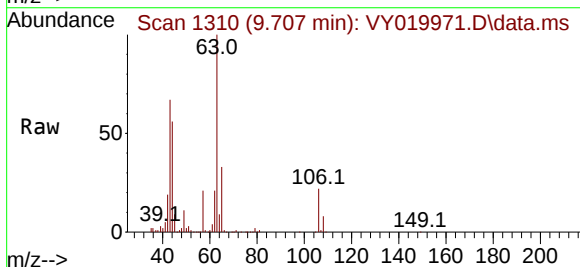
Acq: 22 Oct 2024 11:16

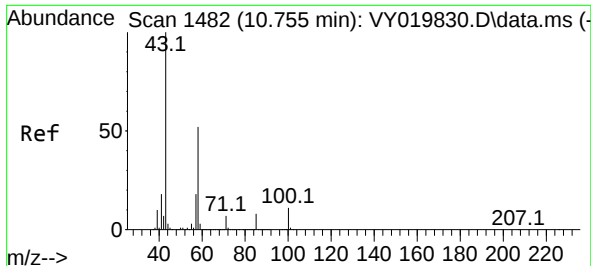
Tgt Ion: 63 Resp: 135351

Ion Ratio Lower Upper

63 100

106 24.5 23.7 35.5





#59

2-Hexanone

Concen: 113.005 ug/l

RT: 10.762 min Scan# 1482

Delta R.T. 0.000 min

Lab File: VY019971.D

Acq: 22 Oct 2024 11:16

Instrument :

MSVOA_Y

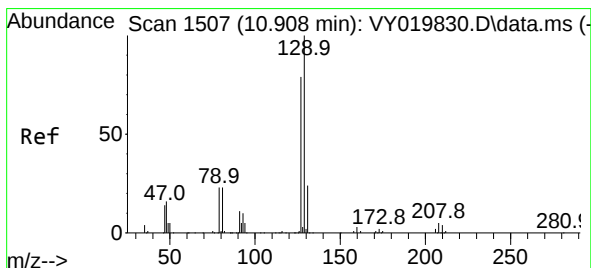
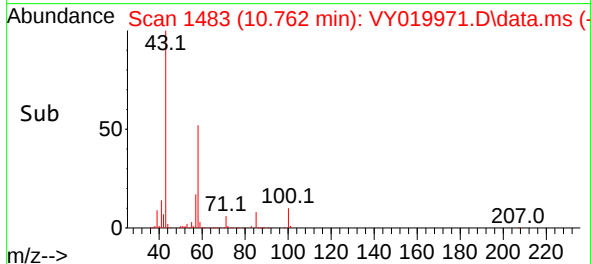
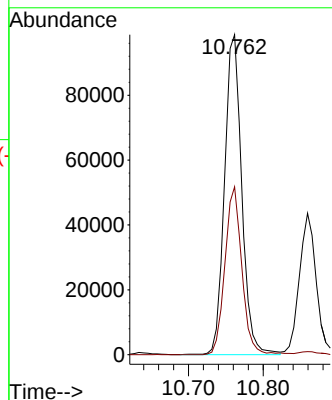
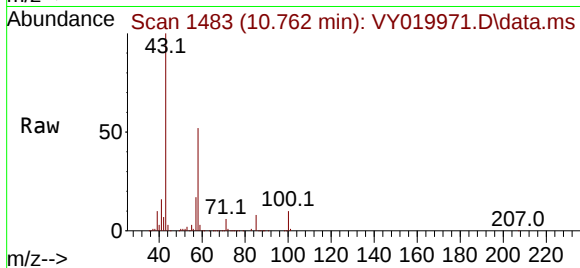
ClientSampleId :

Tgt Ion: 43 Resp: 158039

Ion Ratio Lower Upper

43 100

58 51.7 31.4 94.0



#60

Dibromochloromethane

Concen: 20.897 ug/l

RT: 10.914 min Scan# 1508

Delta R.T. 0.000 min

Lab File: VY019971.D

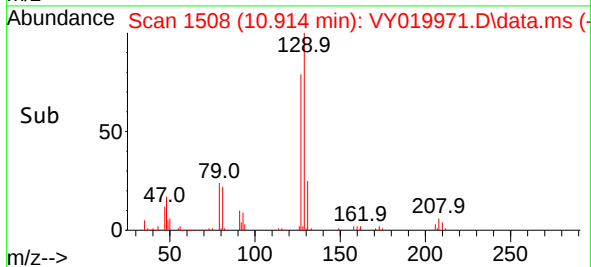
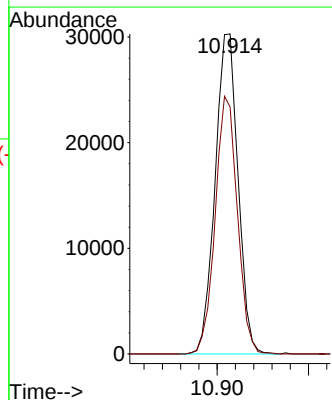
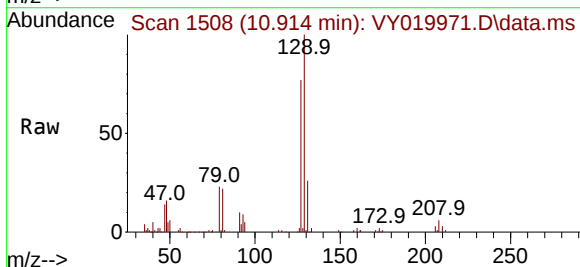
Acq: 22 Oct 2024 11:16

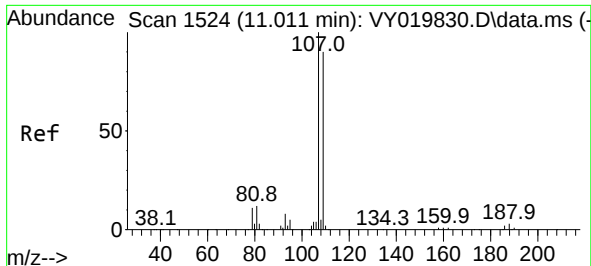
Tgt Ion: 129 Resp: 52796

Ion Ratio Lower Upper

129 100

127 78.0 39.0 117.0

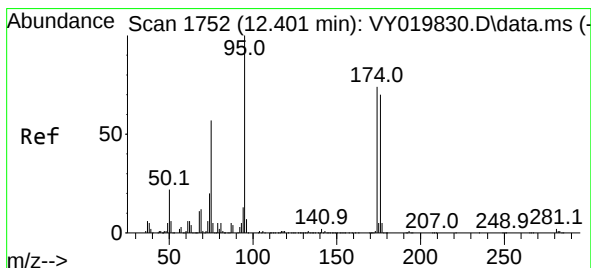
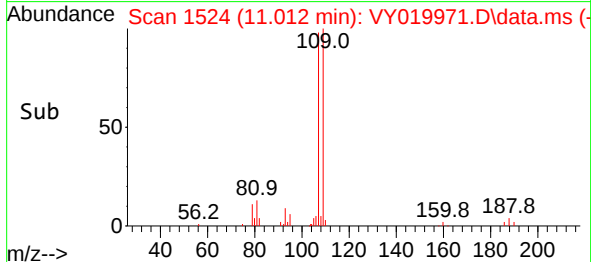
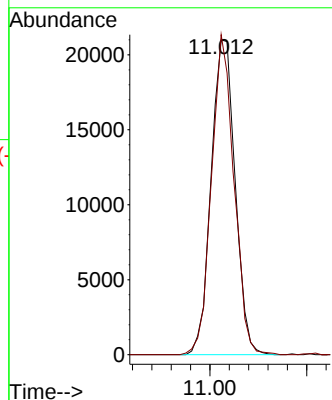
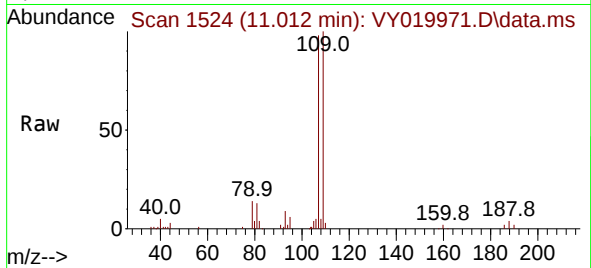




#61
1,2-Dibromoethane
Concen: 20.362 ug/l
RT: 11.012 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019971.D
Acq: 22 Oct 2024 11:16

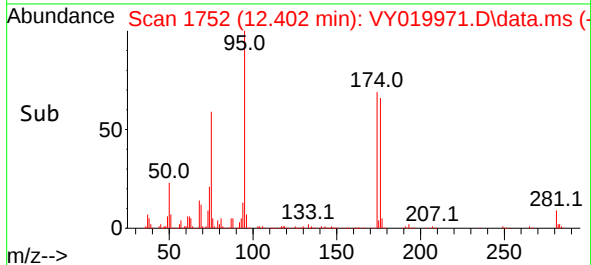
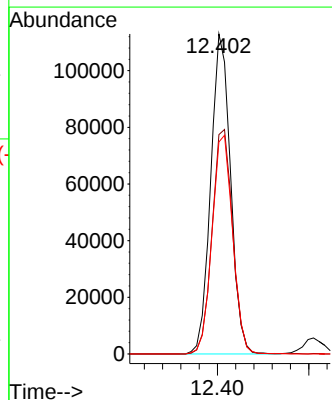
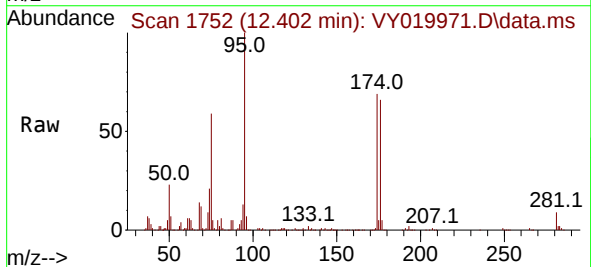
Instrument :
MSVOA_Y
ClientSampleId :

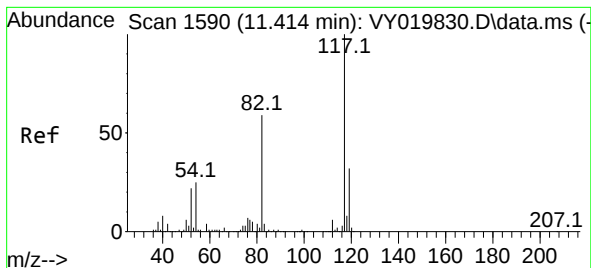
Tgt Ion:107 Resp: 36218
Ion Ratio Lower Upper
107 100
109 95.2 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 50.932 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY019971.D
Acq: 22 Oct 2024 11:16

Tgt Ion: 95 Resp: 170290
Ion Ratio Lower Upper
95 100
174 72.7 0.0 175.6
176 71.2 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

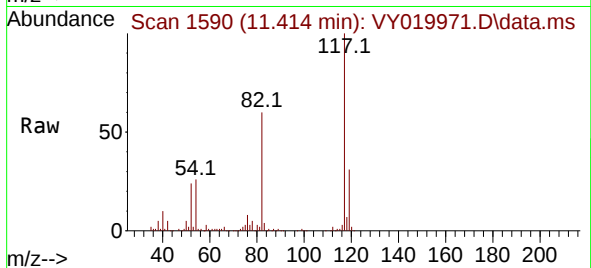
Lab File: VY019971.D

Acq: 22 Oct 2024 11:16

Instrument :

MSVOA_Y

ClientSampleId :



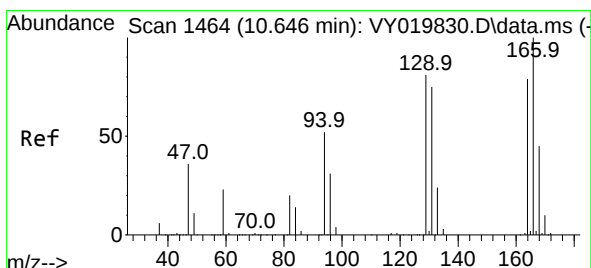
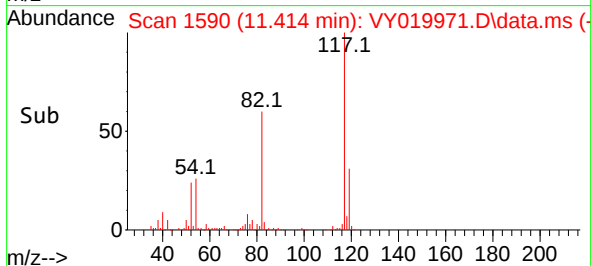
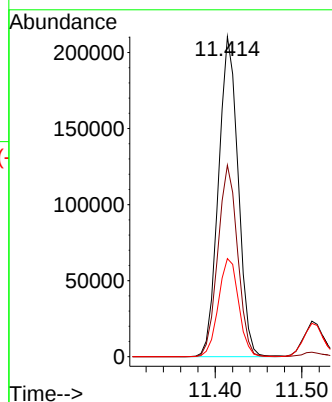
Tgt Ion:117 Resp: 332435

Ion Ratio Lower Upper

117 100

82 59.8 42.4 63.6

119 30.7 25.9 38.9



#64

Tetrachloroethene

Concen: 18.538 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VY019971.D

Acq: 22 Oct 2024 11:16

Tgt Ion:164 Resp: 43834

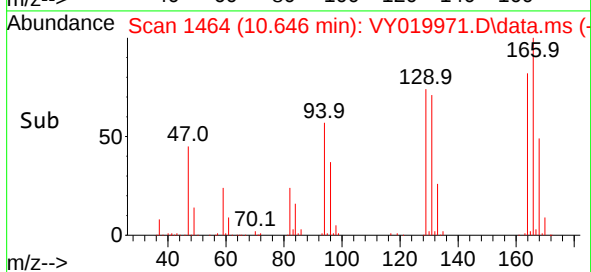
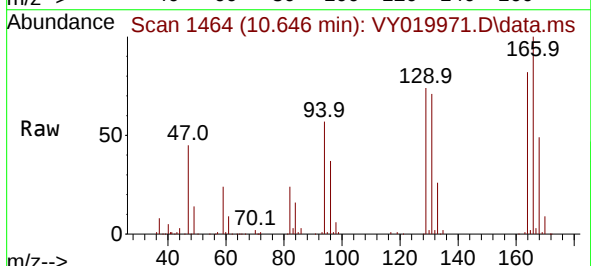
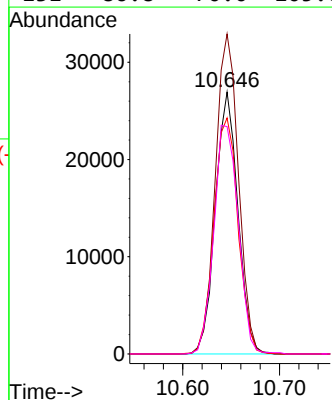
Ion Ratio Lower Upper

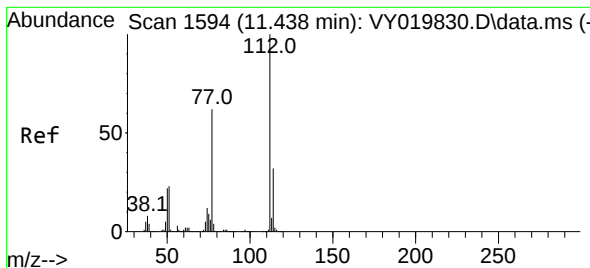
164 100

166 122.1 102.6 154.0

129 90.1 72.0 108.0

131 86.8 70.0 105.0





#65

Chlorobenzene

Concen: 20.162 ug/l

RT: 11.438 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY019971.D

Acq: 22 Oct 2024 11:16

Instrument :

MSVOA_Y

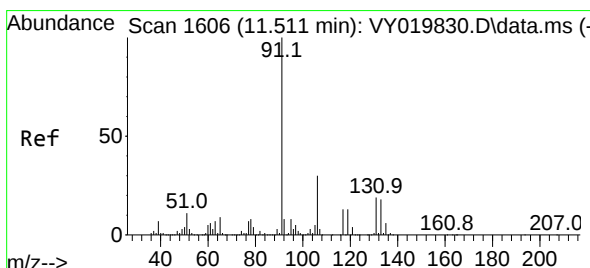
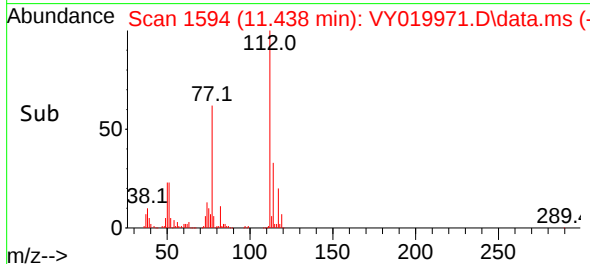
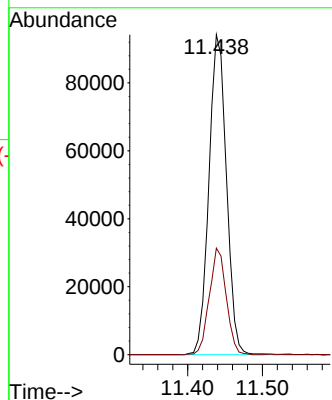
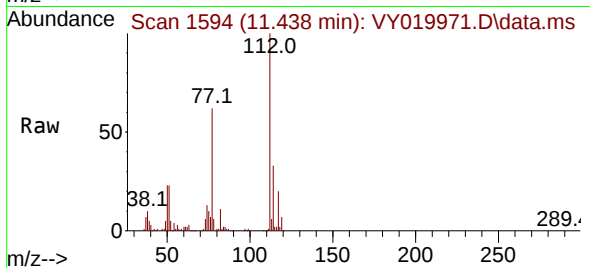
ClientSampleId :

Tgt Ion:112 Resp: 153304

Ion Ratio Lower Upper

112 100

114 33.3 26.4 39.6



#66

1,1,1,2-Tetrachloroethane

Concen: 20.242 ug/l

RT: 11.512 min Scan# 1606

Delta R.T. -0.006 min

Lab File: VY019971.D

Acq: 22 Oct 2024 11:16

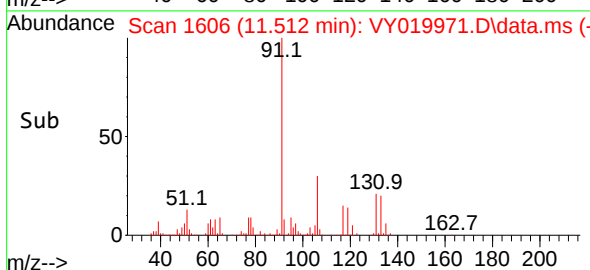
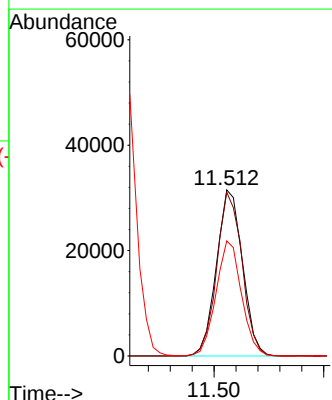
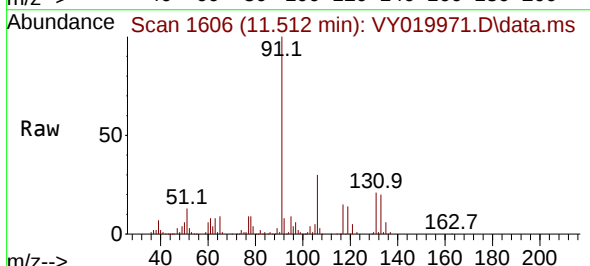
Tgt Ion:131 Resp: 52074

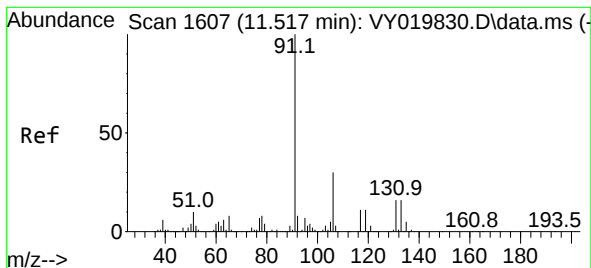
Ion Ratio Lower Upper

131 100

133 95.9 47.8 143.3

119 67.9 34.1 102.2





#67

Ethyl Benzene

Concen: 19.961 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. -0.006 min

Lab File: VY019971.D

Acq: 22 Oct 2024 11:16

Instrument :

MSVOA_Y

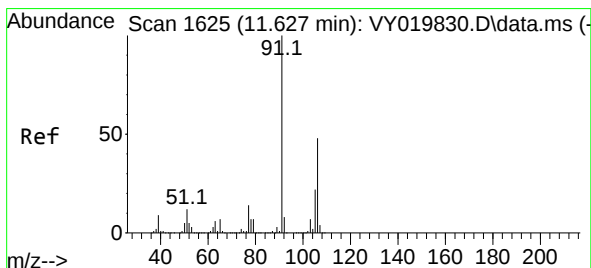
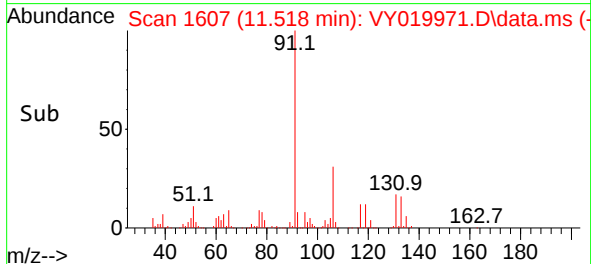
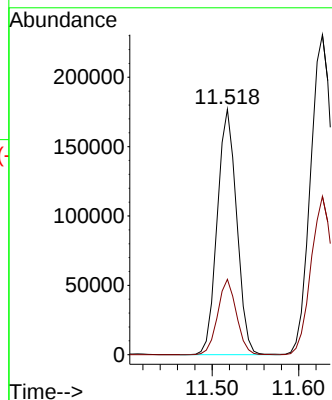
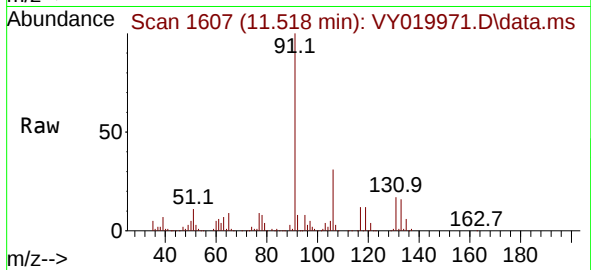
ClientSampleId :

Tgt Ion: 91 Resp: 275703

Ion Ratio Lower Upper

91 100

106 30.7 24.5 36.7



#68

m/p-Xylenes

Concen: 39.306 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY019971.D

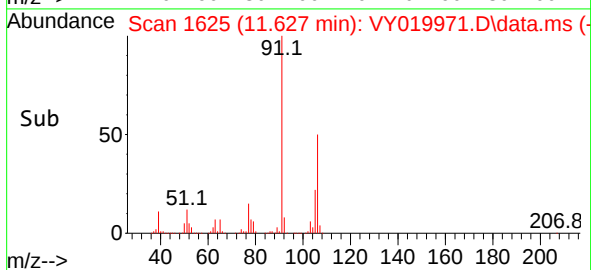
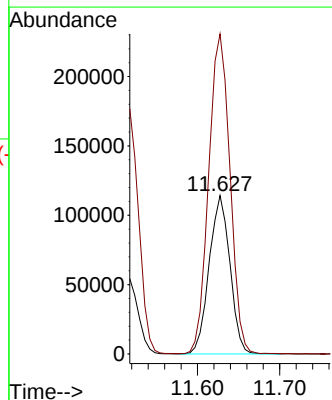
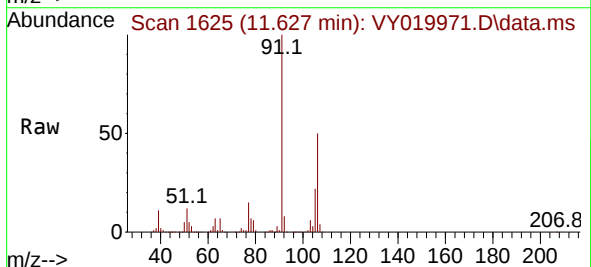
Acq: 22 Oct 2024 11:16

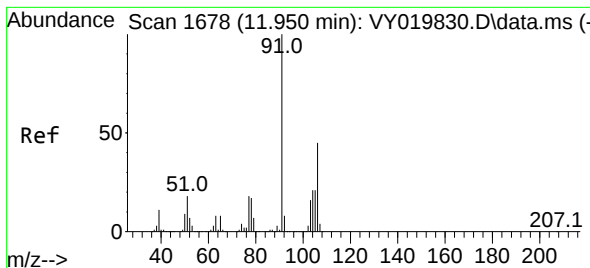
Tgt Ion:106 Resp: 200508

Ion Ratio Lower Upper

106 100

91 207.7 156.0 234.0

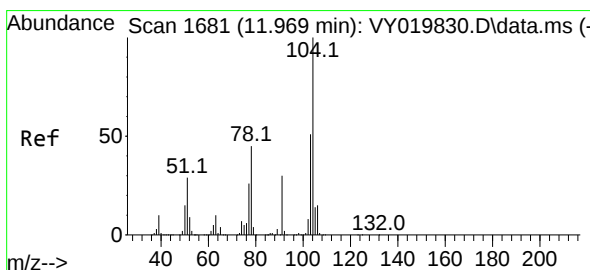
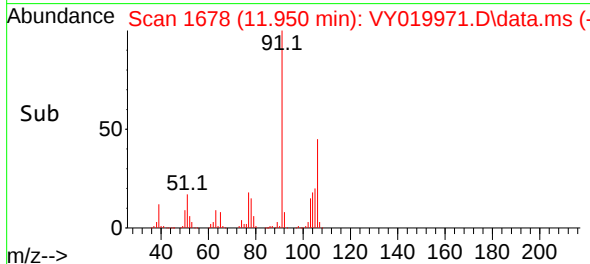
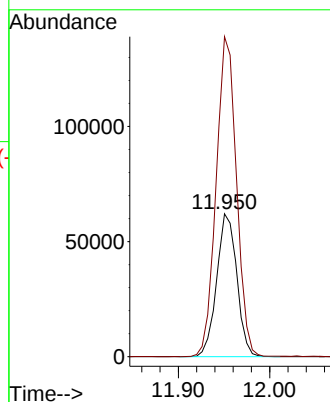
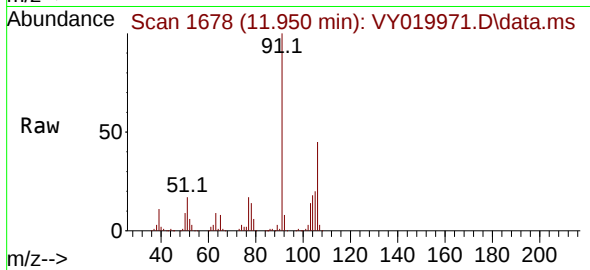




#69
o-Xylene
Concen: 19.365 ug/l
RT: 11.950 min Scan# 1678
Delta R.T. -0.006 min
Lab File: VY019971.D
Acq: 22 Oct 2024 11:16

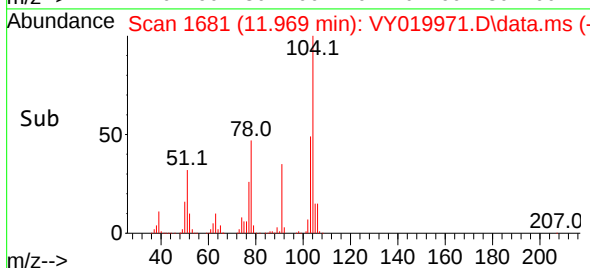
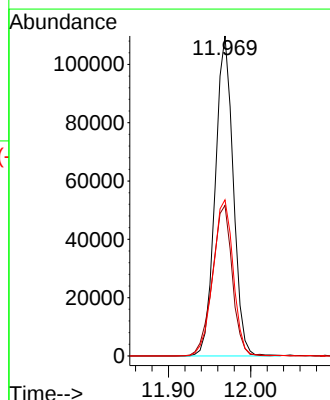
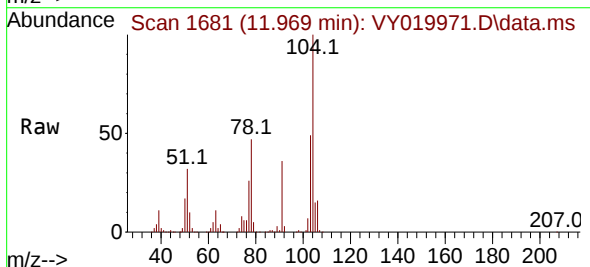
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:106 Resp: 94910
Ion Ratio Lower Upper
106 100
91 226.8 103.6 310.8



#70
Styrene
Concen: 20.190 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY019971.D
Acq: 22 Oct 2024 11:16

Tgt Ion:104 Resp: 166953
Ion Ratio Lower Upper
104 100
78 52.1 37.0 55.4
103 54.7 44.2 66.2





#71

Bromoform

Concen: 20.398 ug/l

RT: 12.133 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019971.D

Acq: 22 Oct 2024 11:16

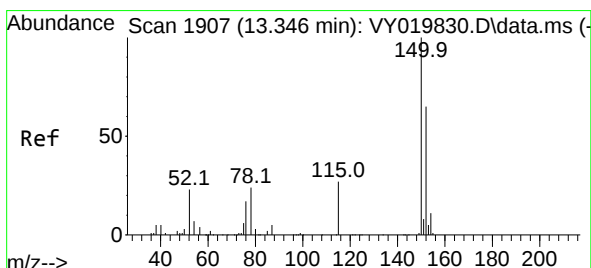
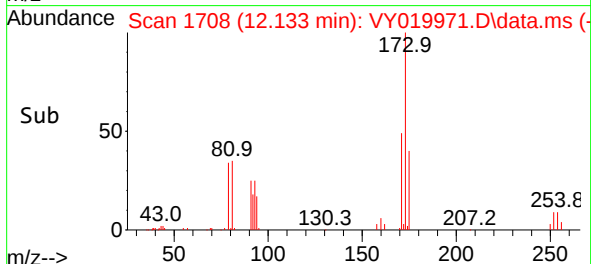
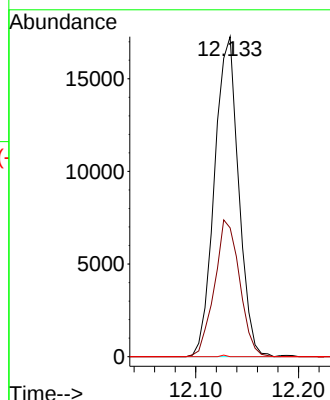
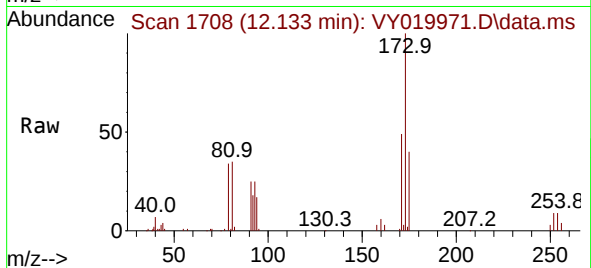
Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:173 Resp: 28091

Ion	Ratio	Lower	Upper
173	100		
175	44.5	25.1	75.3
254	0.1	0.0	0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

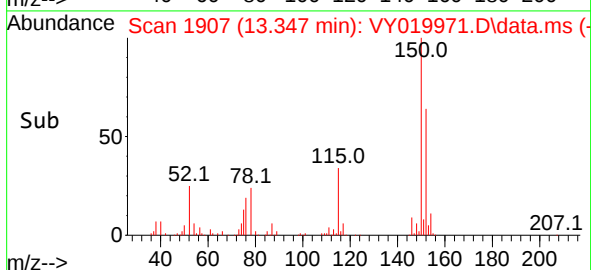
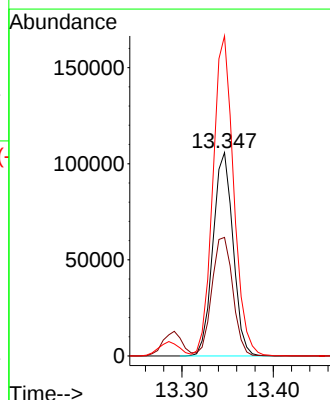
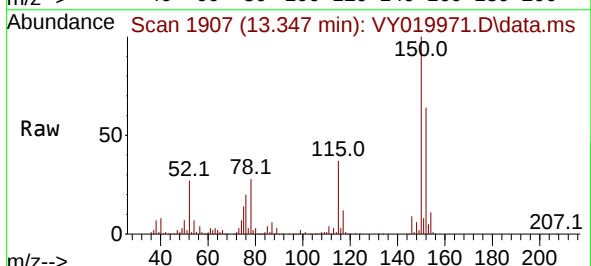
Delta R.T. 0.000 min

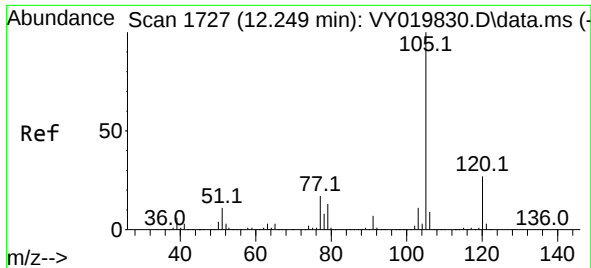
Lab File: VY019971.D

Acq: 22 Oct 2024 11:16

Tgt Ion:152 Resp: 160914

Ion	Ratio	Lower	Upper
152	100		
115	61.1	28.2	84.7
150	163.2	0.0	345.6

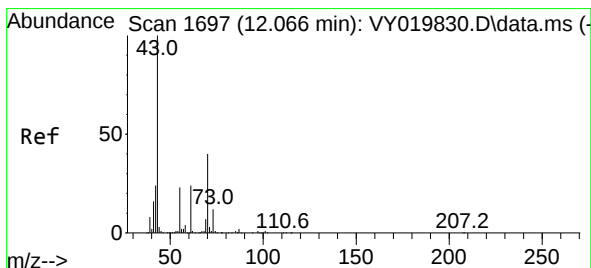
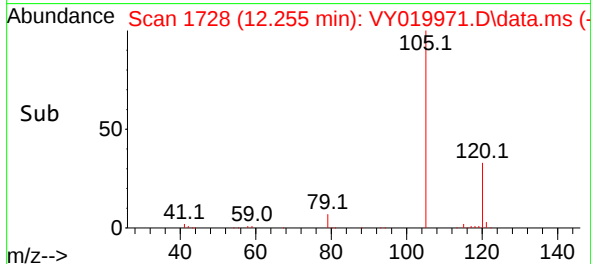
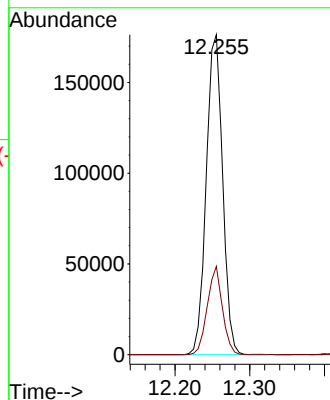
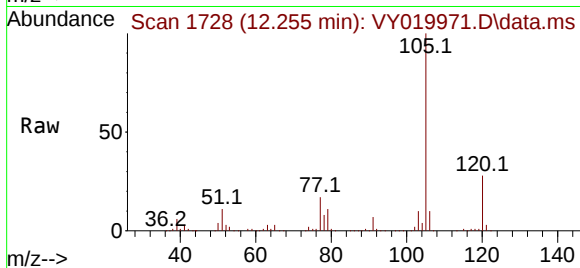




#73
Isopropylbenzene
Concen: 19.789 ug/l
RT: 12.255 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019971.D
Acq: 22 Oct 2024 11:16

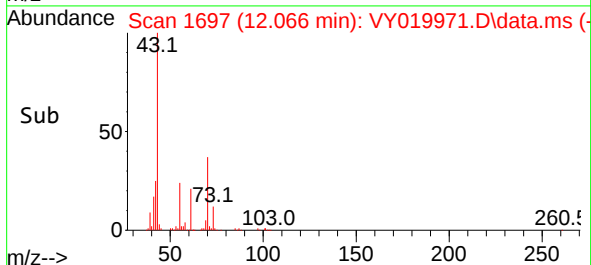
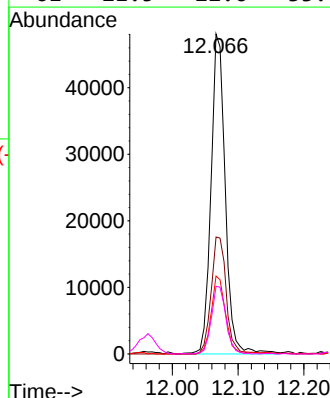
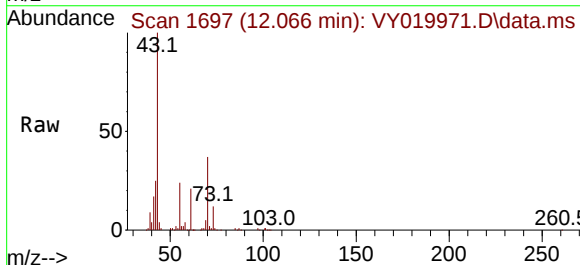
Instrument :
MSVOA_Y
ClientSampleId :

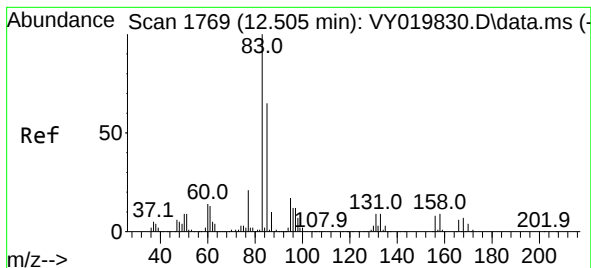
Tgt Ion:105 Resp: 267844
Ion Ratio Lower Upper
105 100
120 25.5 13.4 40.1



#74
N-ethyl acetate
Concen: 20.278 ug/l
RT: 12.066 min Scan# 1697
Delta R.T. -0.006 min
Lab File: VY019971.D
Acq: 22 Oct 2024 11:16

Tgt Ion: 43 Resp: 72695
Ion Ratio Lower Upper
43 100
70 39.1 41.4 62.2#
55 24.6 23.3 34.9
61 21.5 22.6 33.8#





#75

1,1,2,2-Tetrachloroethane

Concen: 22.111 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. -0.006 min

Lab File: VY019971.D

Acq: 22 Oct 2024 11:16

Instrument :

MSVOA_Y

ClientSampleId :

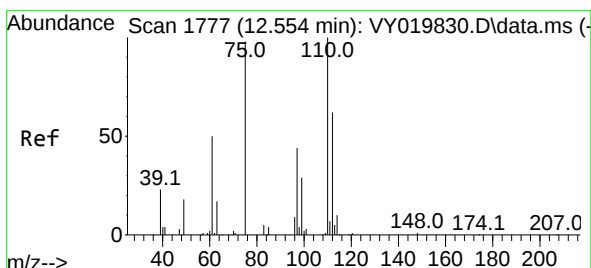
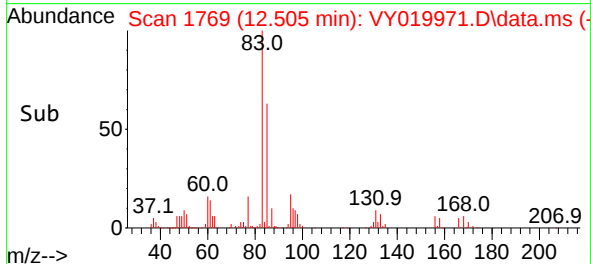
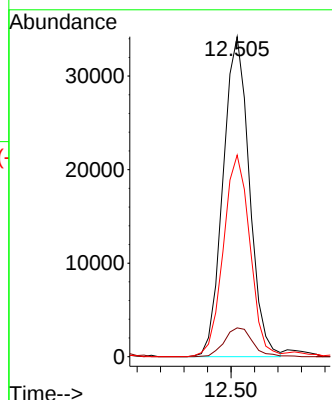
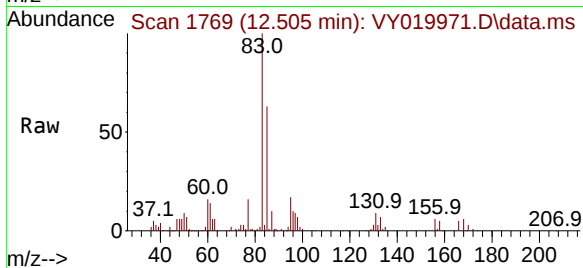
Tgt Ion: 83 Resp: 53178

Ion Ratio Lower Upper

83 100

131 9.7 5.0 14.9

85 63.9 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 20.036 ug/l

RT: 12.554 min Scan# 1777

Delta R.T. -0.006 min

Lab File: VY019971.D

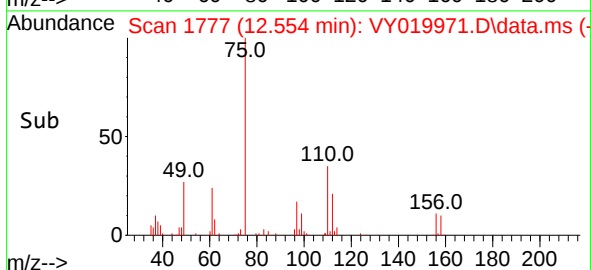
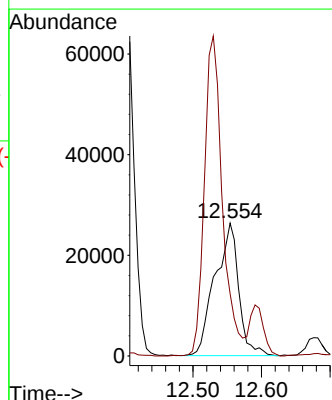
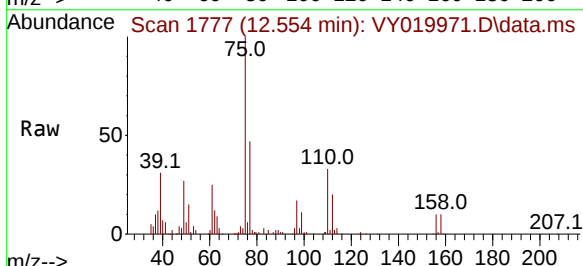
Acq: 22 Oct 2024 11:16

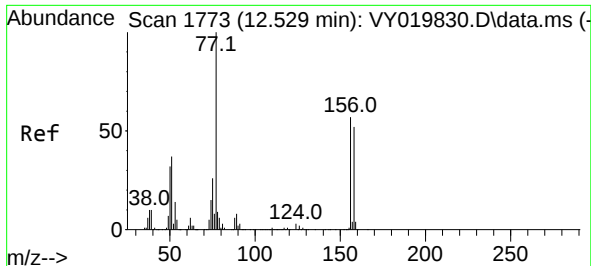
Tgt Ion: 75 Resp: 63160

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

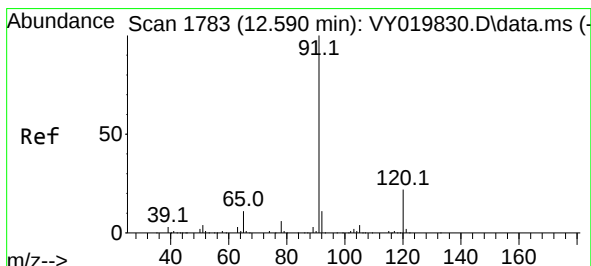
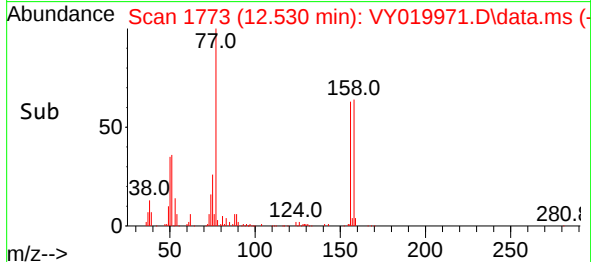
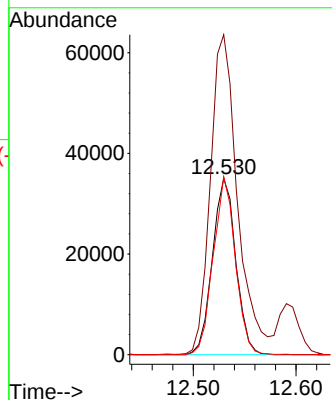
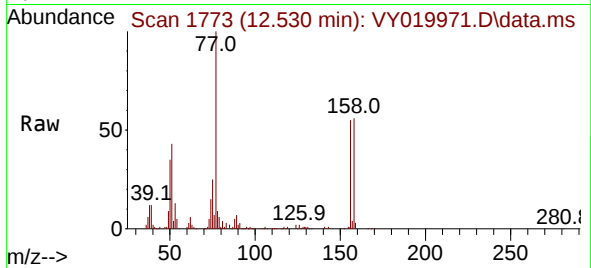




#77
Bromobenzene
Concen: 19.267 ug/l
RT: 12.530 min Scan# 1773
Delta R.T. -0.006 min
Lab File: VY019971.D
Acq: 22 Oct 2024 11:16

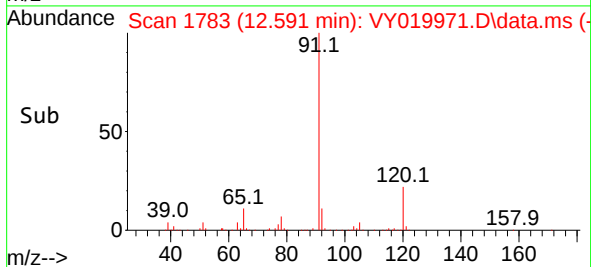
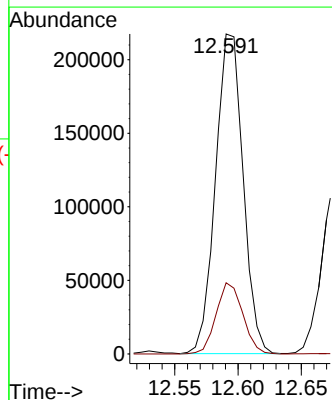
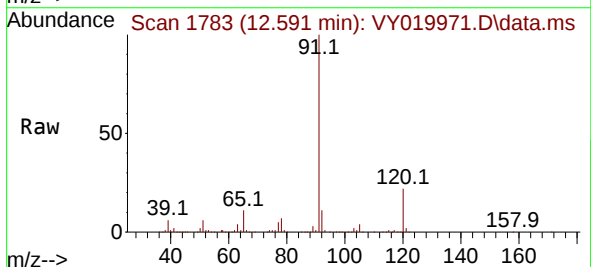
Instrument :
MSVOA_Y
ClientSampleId :

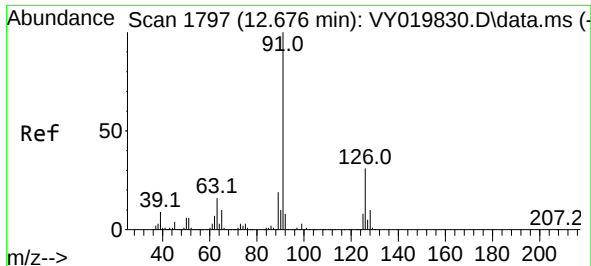
Tgt Ion:156 Resp: 55338
Ion Ratio Lower Upper
156 100
77 210.3 87.1 261.3
158 95.6 48.6 145.9



#78
n-propylbenzene
Concen: 20.137 ug/l
RT: 12.591 min Scan# 1783
Delta R.T. -0.006 min
Lab File: VY019971.D
Acq: 22 Oct 2024 11:16

Tgt Ion: 91 Resp: 329337
Ion Ratio Lower Upper
91 100
120 21.5 11.5 34.4

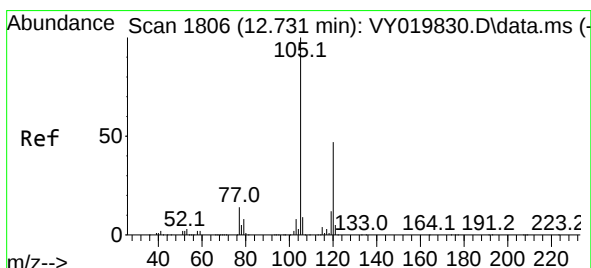
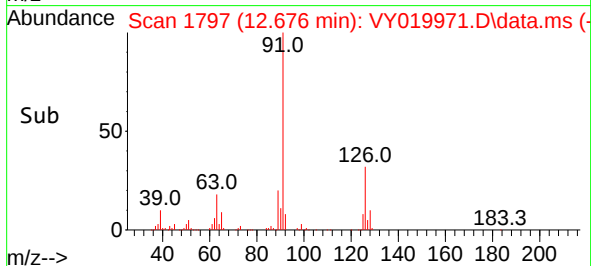
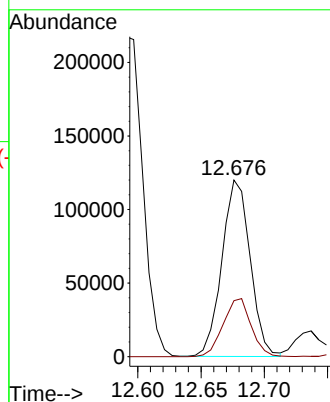
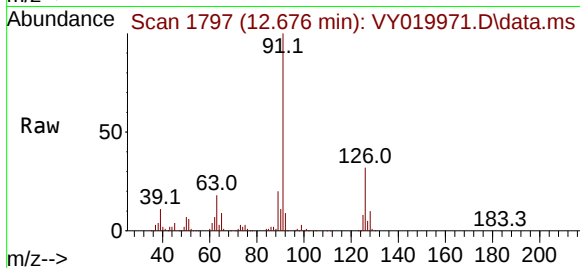




#79
2-Chlorotoluene
Concen: 19.889 ug/l
RT: 12.676 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019971.D
Acq: 22 Oct 2024 11:16

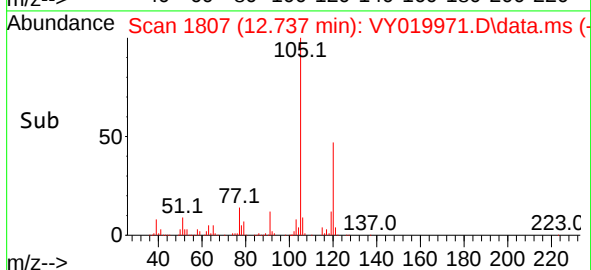
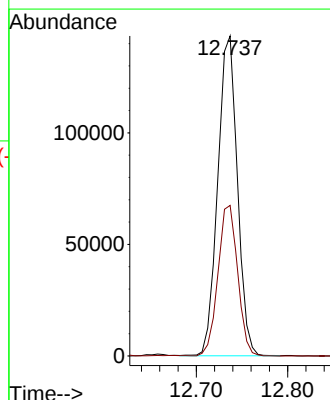
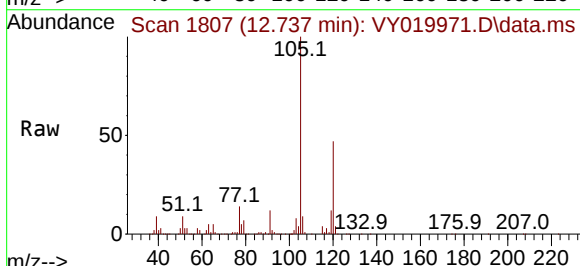
Instrument :
MSVOA_Y
ClientSampleId :

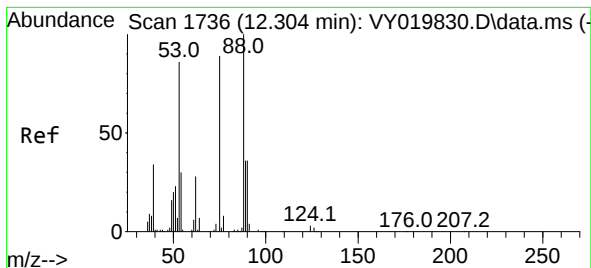
Tgt Ion: 91 Resp: 186478
Ion Ratio Lower Upper
91 100
126 32.6 17.8 53.5



#80
1,3,5-Trimethylbenzene
Concen: 19.572 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY019971.D
Acq: 22 Oct 2024 11:16

Tgt Ion:105 Resp: 213940
Ion Ratio Lower Upper
105 100
120 47.3 25.1 75.2

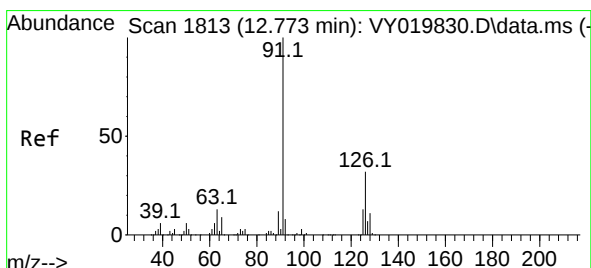
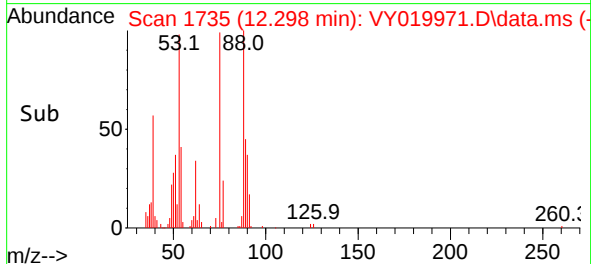
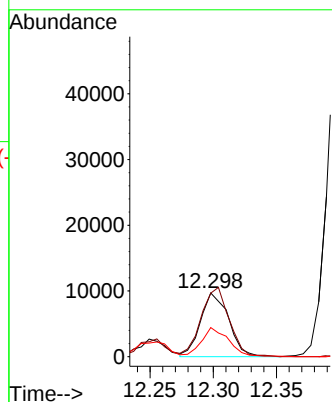
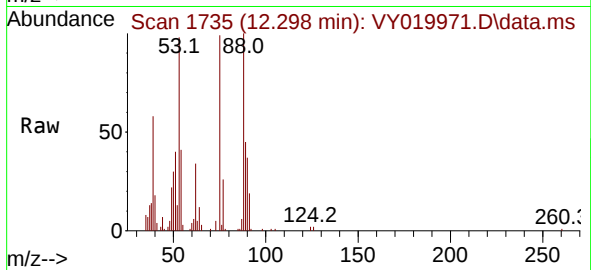




#81
trans-1,4-Dichloro-2-butene
Concen: 19.281 ug/l
RT: 12.298 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019971.D
Acq: 22 Oct 2024 11:16

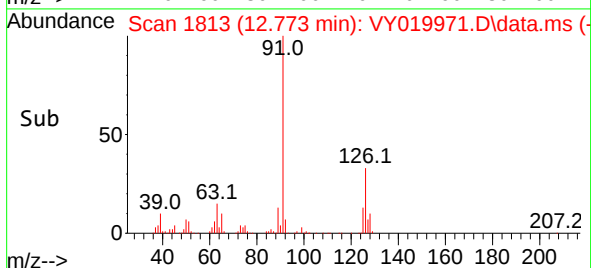
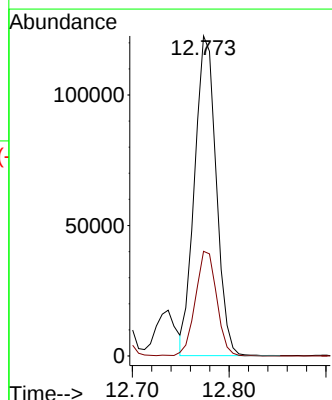
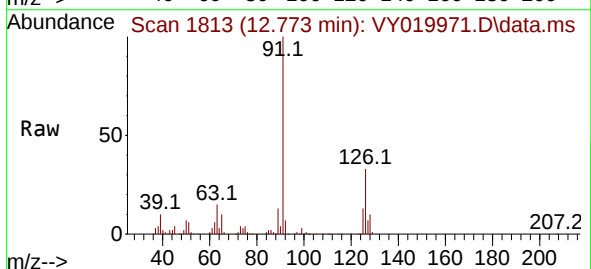
Instrument :
MSVOA_Y
ClientSampleId :

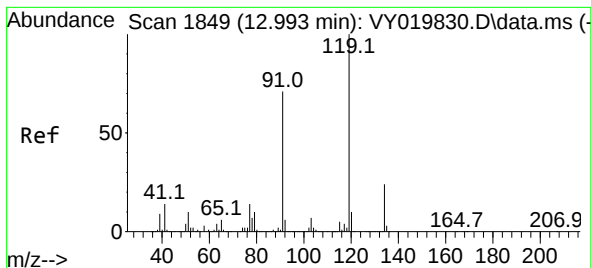
Tgt Ion: 75 Resp: 15058
Ion Ratio Lower Upper
75 100
53 107.7 66.8 100.2#
89 44.4 35.8 53.6



#82
4-Chlorotoluene
Concen: 19.845 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. -0.006 min
Lab File: VY019971.D
Acq: 22 Oct 2024 11:16

Tgt Ion: 91 Resp: 190256
Ion Ratio Lower Upper
91 100
126 32.4 17.6 52.9





#83

tert-Butylbenzene

Concen: 20.697 ug/l

RT: 12.993 min Scan# 119

Delta R.T. -0.006 min

Lab File: VY019971.D

Acq: 22 Oct 2024 11:16

Instrument :

MSVOA_Y

ClientSampleId :

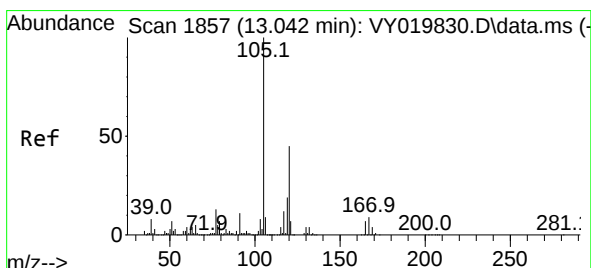
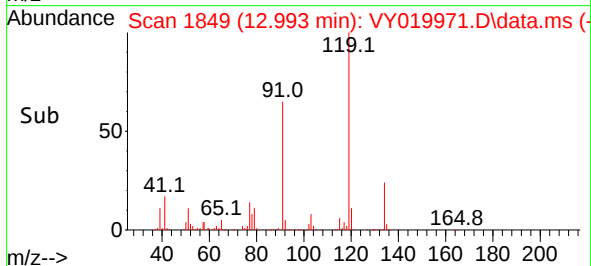
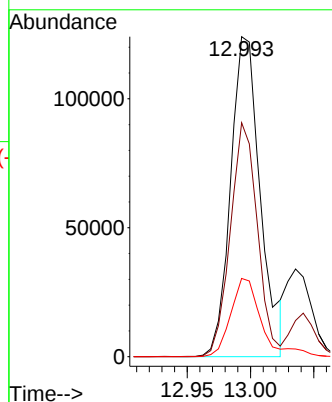
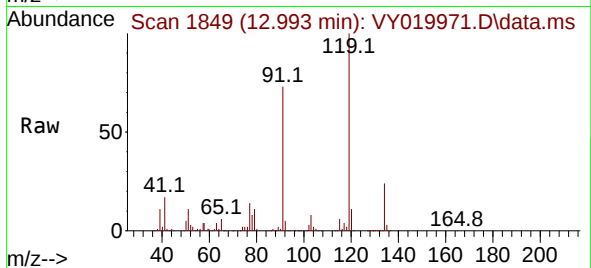
Tgt Ion:119 Resp: 202672

Ion Ratio Lower Upper

119 100

91 66.7 31.3 93.8

134 25.4 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 19.208 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. -0.006 min

Lab File: VY019971.D

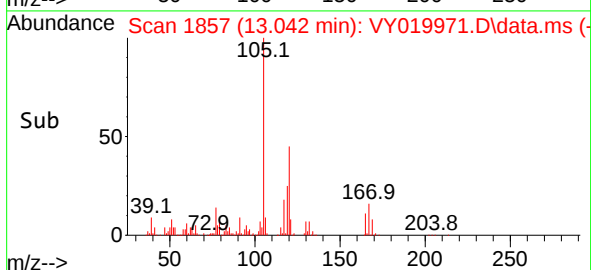
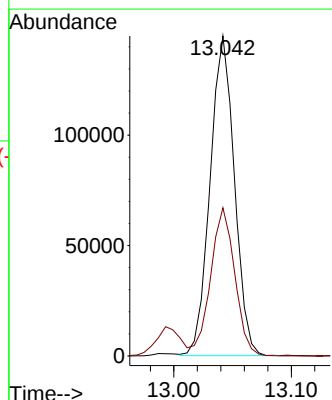
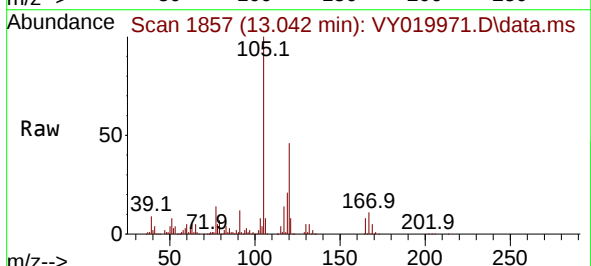
Acq: 22 Oct 2024 11:16

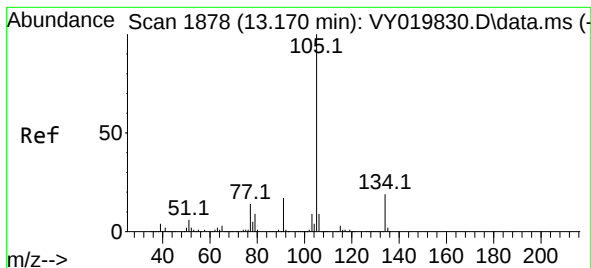
Tgt Ion:105 Resp: 208163

Ion Ratio Lower Upper

105 100

120 46.3 23.2 69.6





#85

sec-Butylbenzene

Concen: 20.684 ug/l

RT: 13.176 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VY019971.D

Acq: 22 Oct 2024 11:16

Instrument :

MSVOA_Y

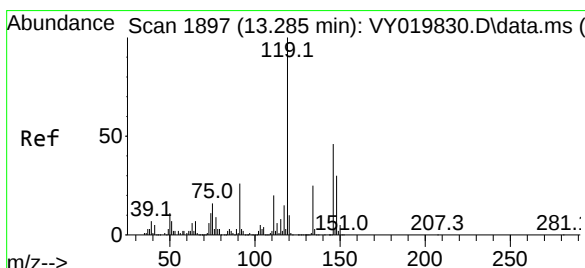
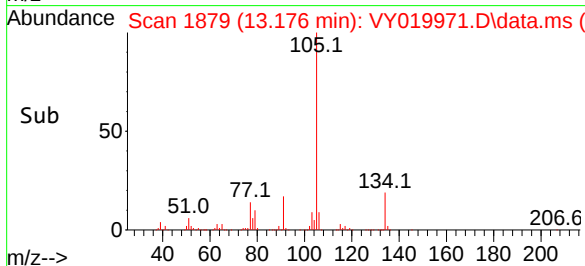
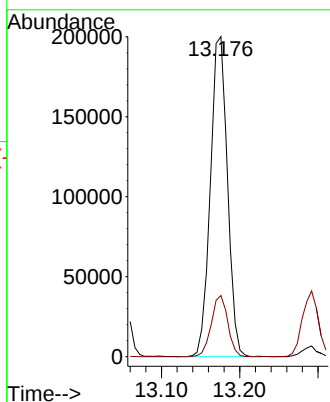
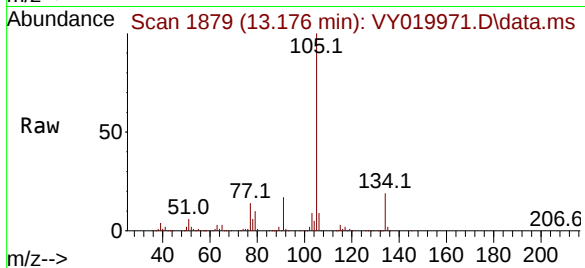
ClientSampleId :

Tgt Ion:105 Resp: 302618

Ion Ratio Lower Upper

105 100

134 18.5 10.1 30.1



#86

p-Isopropyltoluene

Concen: 20.155 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY019971.D

Acq: 22 Oct 2024 11:16

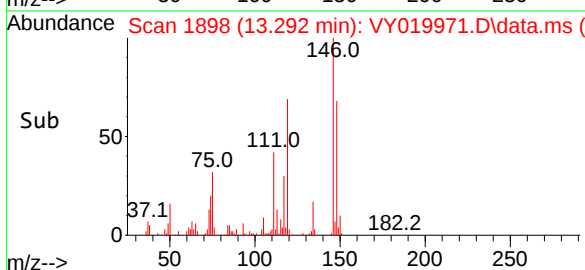
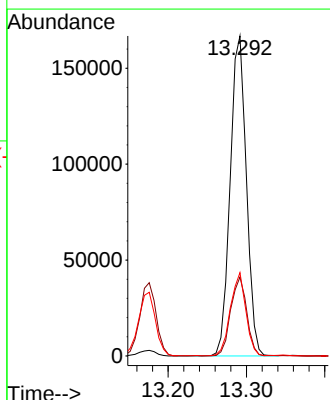
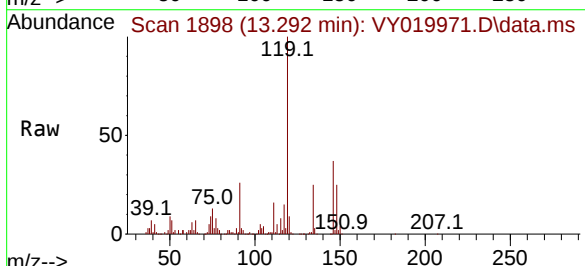
Tgt Ion:119 Resp: 239445

Ion Ratio Lower Upper

119 100

134 24.4 13.1 39.3

91 24.8 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 19.386 ug/l

RT: 13.286 min Scan# 1897

Delta R.T. -0.006 min

Lab File: VY019971.D

Acq: 22 Oct 2024 11:16

Instrument :

MSVOA_Y

ClientSampleId :

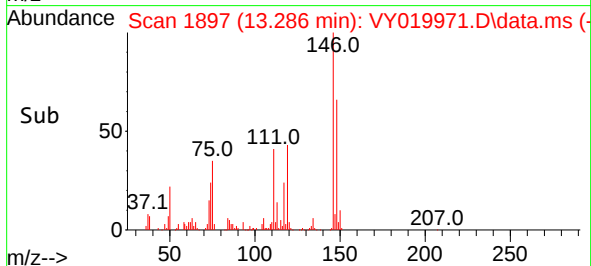
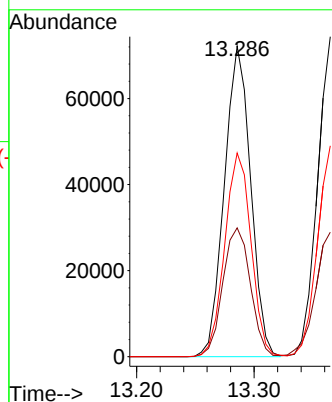
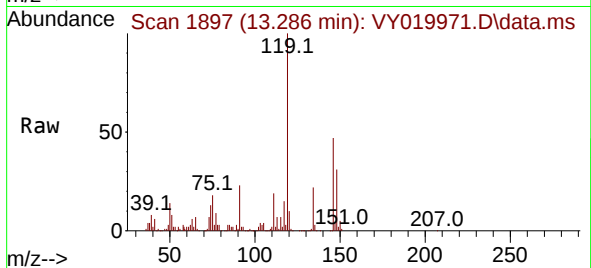
Tgt Ion:146 Resp: 112443

Ion Ratio Lower Upper

146 100

111 43.5 19.0 57.0

148 65.7 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 19.650 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.006 min

Lab File: VY019971.D

Acq: 22 Oct 2024 11:16

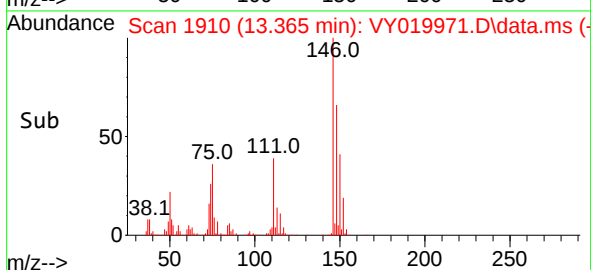
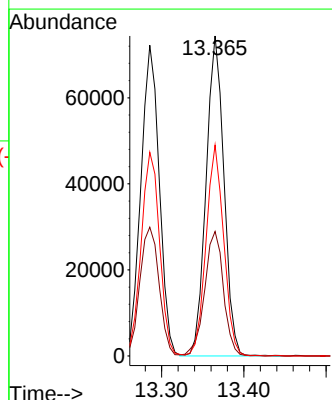
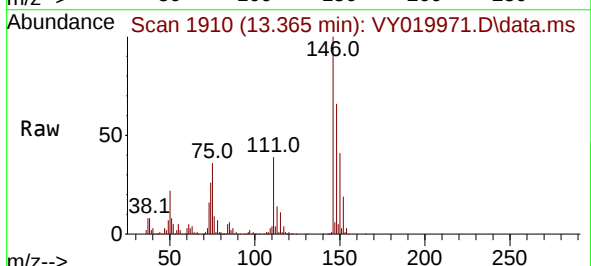
Tgt Ion:146 Resp: 111972

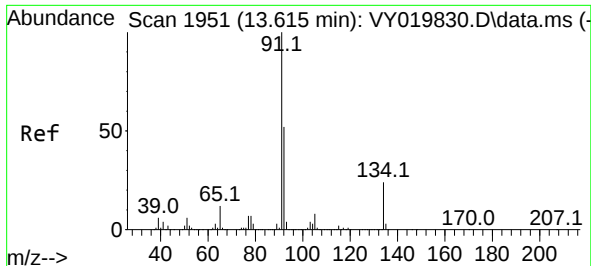
Ion Ratio Lower Upper

146 100

111 41.3 18.4 55.4

148 65.4 32.4 97.2

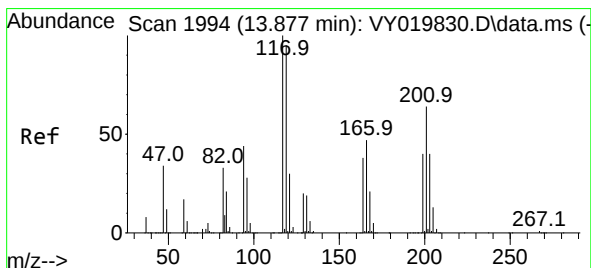
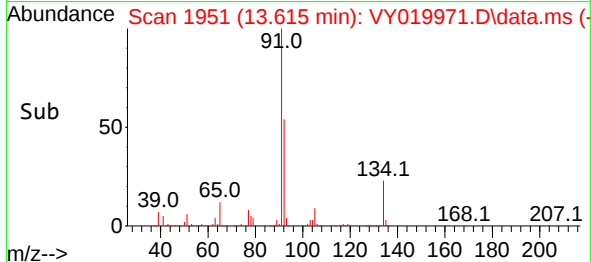
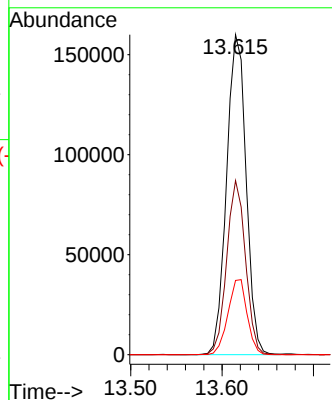
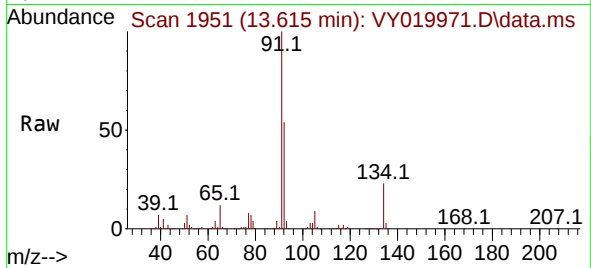




#89
n-Butylbenzene
Concen: 20.513 ug/l
RT: 13.615 min Scan# 1951
Delta R.T. -0.006 min
Lab File: VY019971.D
Acq: 22 Oct 2024 11:16

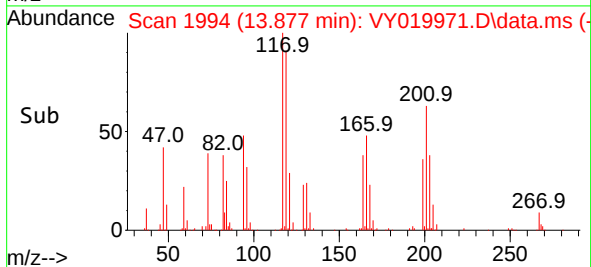
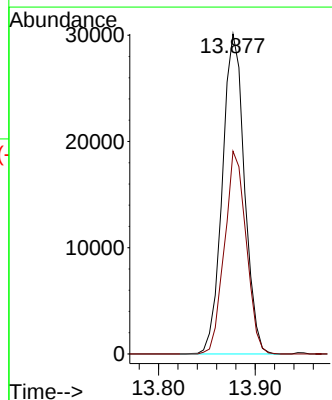
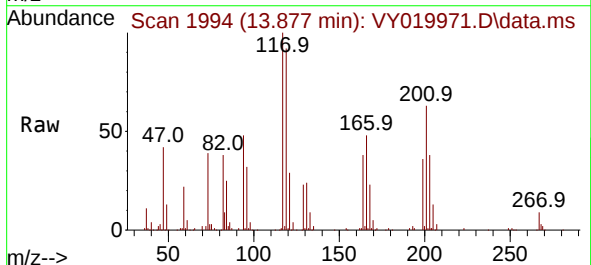
Instrument :
MSVOA_Y
ClientSampleId :

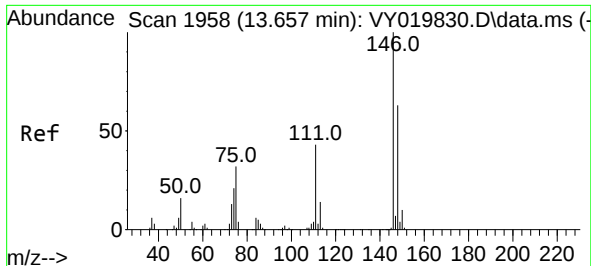
Tgt Ion: 91 Resp: 237965
Ion Ratio Lower Upper
91 100
92 52.4 26.6 79.7
134 23.0 12.9 38.7



#90
Hexachloroethane
Concen: 20.612 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. -0.006 min
Lab File: VY019971.D
Acq: 22 Oct 2024 11:16

Tgt Ion: 117 Resp: 47683
Ion Ratio Lower Upper
117 100
201 62.1 37.4 112.2

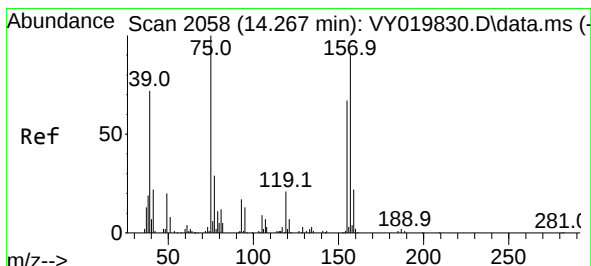
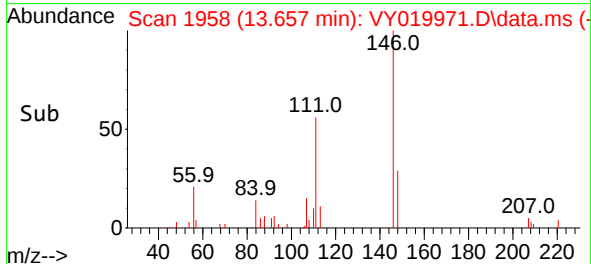
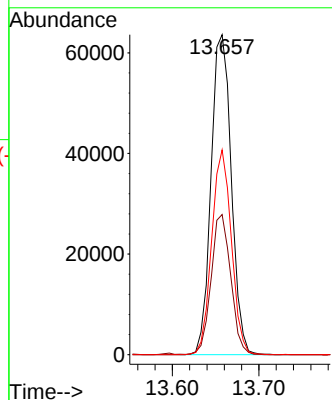
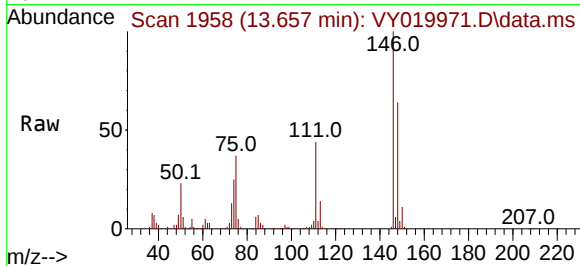




#91
1,2-Dichlorobenzene
Concen: 20.251 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. 0.000 min
Lab File: VY019971.D
Acq: 22 Oct 2024 11:16

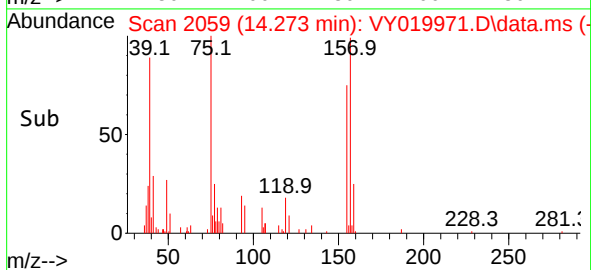
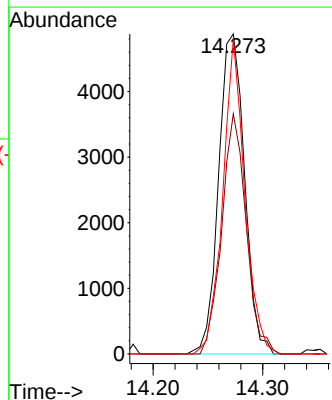
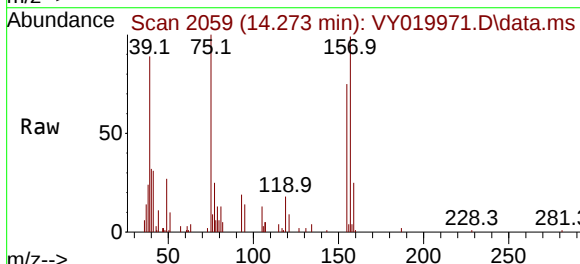
Instrument :
MSVOA_Y
ClientSampleId :

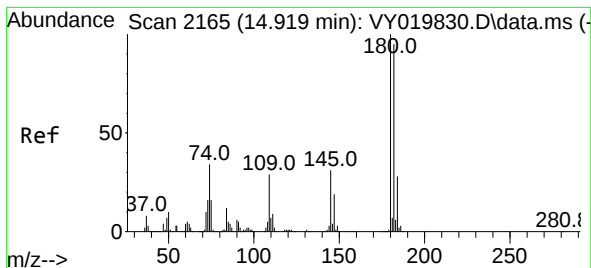
Tgt Ion:146 Resp: 103209
Ion Ratio Lower Upper
146 100
111 42.5 19.9 59.7
148 62.2 31.8 95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.869 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VY019971.D
Acq: 22 Oct 2024 11:16

Tgt Ion: 75 Resp: 8010
Ion Ratio Lower Upper
75 100
155 70.6 48.6 145.8
157 83.5 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 18.073 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY019971.D

Acq: 22 Oct 2024 11:16

Instrument :

MSVOA_Y

ClientSampleId :

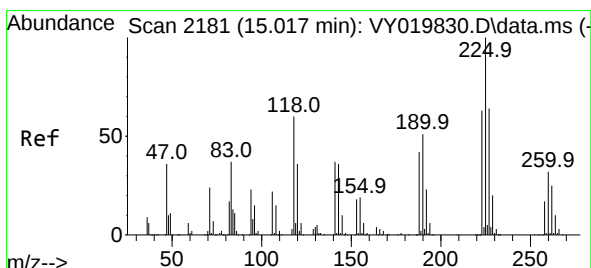
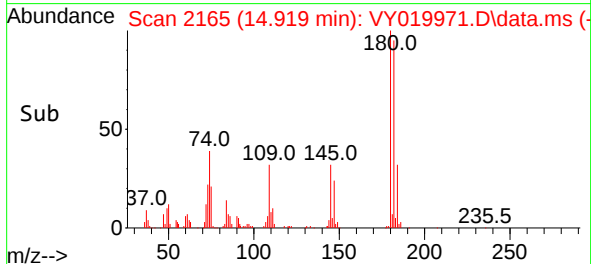
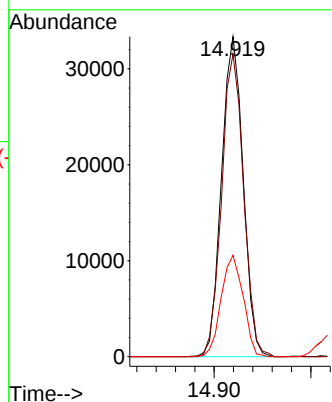
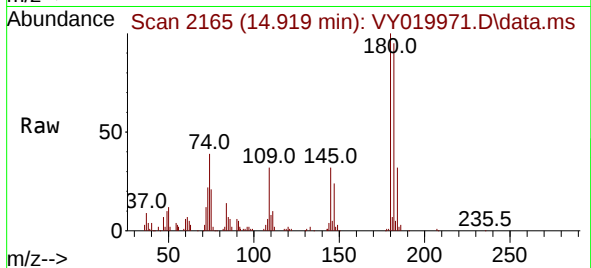
Tgt Ion:180 Resp: 51648

Ion Ratio Lower Upper

180 100

182 95.8 47.9 143.8

145 32.3 14.2 42.6



#94

Hexachlorobutadiene

Concen: 19.670 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY019971.D

Acq: 22 Oct 2024 11:16

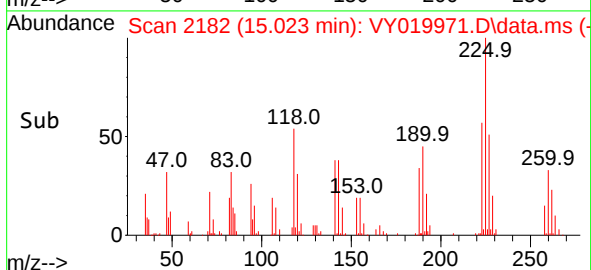
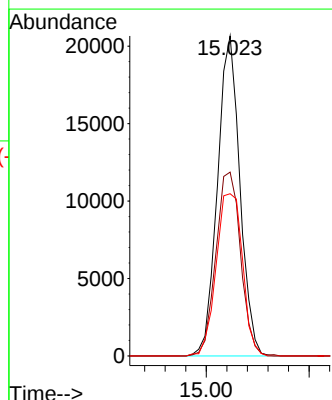
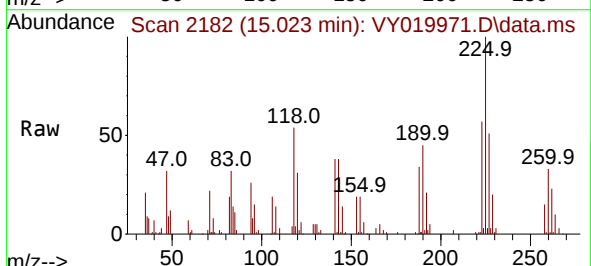
Tgt Ion:225 Resp: 31251

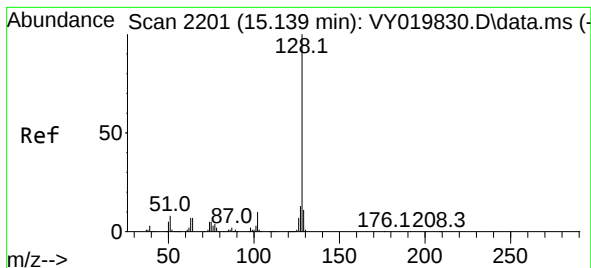
Ion Ratio Lower Upper

225 100

223 63.3 30.4 91.2

227 59.6 31.9 95.9





#95

Naphthalene

Concen: 18.263 ug/l

RT: 15.145 min Scan# 2201

Delta R.T. 0.000 min

Lab File: VY019971.D

Acq: 22 Oct 2024 11:16

Instrument :

MSVOA_Y

ClientSampleId :

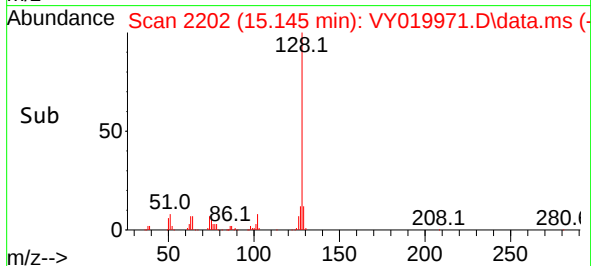
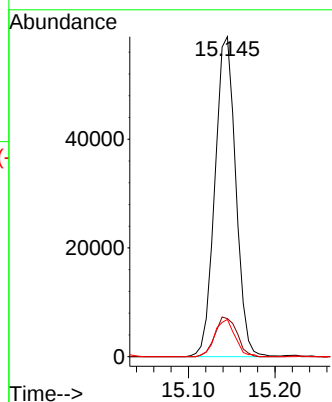
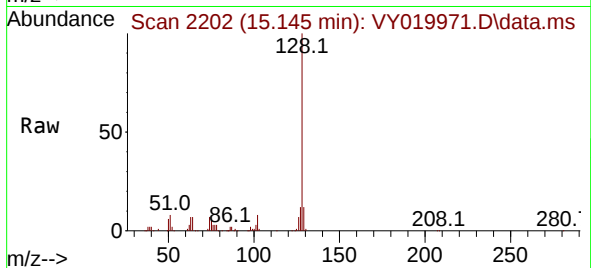
Tgt Ion:128 Resp: 98435

Ion Ratio Lower Upper

128 100

127 13.1 10.6 16.0

129 11.4 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 18.530 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY019971.D

Acq: 22 Oct 2024 11:16

Tgt Ion:180 Resp: 44764

Ion Ratio Lower Upper

180 100

182 93.3 47.6 142.9

145 35.5 15.4 46.1

