

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102324\
 Data File : VY019987.D
 Acq On : 23 Oct 2024 12:20
 Operator : SY/MD
 Sample : VY1023SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 23 23:05:20 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	228334	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.615	114	420481	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	359220	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	165743	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	166994	59.398	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 118.800%	
35) Dibromofluoromethane	7.634	113	158432	57.099	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 114.200%	
50) Toluene-d8	10.109	98	559606	54.614	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 109.220%	
62) 4-Bromofluorobenzene	12.407	95	200269	54.092	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 108.180%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.867	85	35636	16.765	ug/l	94
3) Chloromethane	2.074	50	51598	18.651	ug/l	99
4) Vinyl Chloride	2.208	62	59853	19.660	ug/l	97
5) Bromomethane	2.592	94	41112	21.335	ug/l	95
6) Chloroethane	2.738	64	44191	21.607	ug/l	94
7) Trichlorofluoromethane	3.061	101	95584	21.100	ug/l	95
8) Diethyl Ether	3.458	74	28312	20.564	ug/l	75
9) 1,1,2-Trichlorotrifluo...	3.817	101	57085	21.665	ug/l	89
10) Methyl Iodide	4.006	142	46418	17.418	ug/l #	90
11) Tert butyl alcohol	4.854	59	25965	103.724	ug/l #	85
12) 1,1-Dichloroethene	3.793	96	47789	19.509	ug/l #	80
13) Acrolein	3.659	56	16673	80.707	ug/l	95
14) Allyl chloride	4.391	41	91223	20.640	ug/l #	88
15) Acrylonitrile	5.067	53	73154	116.169	ug/l	98
16) Acetone	3.872	43	83004	113.414	ug/l #	86
17) Carbon Disulfide	4.104	76	91942	14.003	ug/l	100
18) Methyl Acetate	4.397	43	35434	22.475	ug/l #	88
19) Methyl tert-butyl Ether	5.122	73	158778	22.562	ug/l	99
20) Methylene Chloride	4.616	84	57868	20.930	ug/l #	83
21) trans-1,2-Dichloroethene	5.122	96	52886	19.837	ug/l	87
22) Diisopropyl ether	6.018	45	225339	23.407	ug/l #	87
23) Vinyl Acetate	5.963	43	616904	111.778	ug/l #	90
24) 1,1-Dichloroethane	5.915	63	120385	22.496	ug/l	95
25) 2-Butanone	6.890	43	112972	115.321	ug/l #	80
26) 2,2-Dichloropropane	6.890	77	100233	21.031	ug/l	95
27) cis-1,2-Dichloroethene	6.890	96	71565	21.721	ug/l	83
28) Bromochloromethane	7.250	49	53979	22.917	ug/l #	73
29) Tetrahydrofuran	7.262	42	63175	112.944	ug/l #	81
30) Chloroform	7.420	83	129608	23.759	ug/l	99
31) Cyclohexane	7.707	56	89518	19.056	ug/l	90
32) 1,1,1-Trichloroethane	7.616	97	107871	22.564	ug/l	95
36) 1,1-Dichloropropene	7.835	75	79224	19.819	ug/l	94
37) Ethyl Acetate	6.988	43	45952	22.045	ug/l	97
38) Carbon Tetrachloride	7.817	117	85764	20.013	ug/l	96
39) Methylcyclohexane	9.109	83	90459	17.960	ug/l	88
40) Benzene	8.079	78	243387	20.118	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	26358	23.364	ug/l #	85
42) 1,2-Dichloroethane	8.158	62	76560	22.028	ug/l	93
43) Isopropyl Acetate	8.201	43	91000	21.407	ug/l #	75
44) Trichloroethene	8.865	130	56769	19.374	ug/l	84
45) 1,2-Dichloropropane	9.146	63	64928	21.442	ug/l	98
46) Dibromomethane	9.231	93	33459	20.224	ug/l	90
47) Bromodichloromethane	9.426	83	95849	21.827	ug/l #	97
48) Methyl methacrylate	9.219	41	40548	21.684	ug/l #	79
49) 1,4-Dioxane	9.225	88	8279	447.113	ug/l #	98
51) 4-Methyl-2-Pentanone	9.999	43	242857	112.004	ug/l	87
52) Toluene	10.170	92	153964	20.388	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	81507	20.629	ug/l	98
54) cis-1,3-Dichloropropene	9.859	75	95106	20.400	ug/l #	84
55) 1,1,2-Trichloroethane	10.572	97	49121	22.536	ug/l	93
56) Ethyl methacrylate	10.438	69	65637	20.986	ug/l #	77
57) 1,3-Dichloropropane	10.719	76	83548	21.826	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	154676	106.233	ug/l	94
59) 2-Hexanone	10.761	43	166037	107.214	ug/l	87
60) Dibromochloromethane	10.908	129	58828	21.027	ug/l	97
61) 1,2-Dibromoethane	11.017	107	40573	20.599	ug/l	99
64) Tetrachloroethene	10.645	164	46973	18.384	ug/l	92
65) Chlorobenzene	11.438	112	169018	20.571	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.517	131	58398	21.008	ug/l	98
67) Ethyl Benzene	11.517	91	306508	20.536	ug/l	100
68) m/p-Xylenes	11.627	106	223509	40.548	ug/l	91
69) o-Xylene	11.956	106	109070	20.594	ug/l	92
70) Styrene	11.968	104	185851	20.800	ug/l	96
71) Bromoform	12.127	173	30326	20.379	ug/l #	97
73) Isopropylbenzene	12.255	105	301471	21.625	ug/l	98
74) N-amyl acetate	12.072	43	78264	21.196	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.505	83	57221	23.099	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	71550	22.036	ug/l #	100
77) Bromobenzene	12.529	156	60828	20.561	ug/l	81
78) n-propylbenzene	12.596	91	366758	21.772	ug/l	96
79) 2-Chlorotoluene	12.676	91	205485	21.277	ug/l	96
80) 1,3,5-Trimethylbenzene	12.737	105	238134	21.151	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.304	75	16770	20.848	ug/l #	79
82) 4-Chlorotoluene	12.773	91	213621	21.633	ug/l	94
83) tert-Butylbenzene	12.999	119	222024	22.013	ug/l	95
84) 1,2,4-Trimethylbenzene	13.041	105	234511	21.009	ug/l	96
85) sec-Butylbenzene	13.176	105	333139	22.107	ug/l	97
86) p-Isopropyltoluene	13.291	119	259118	21.175	ug/l	94
87) 1,3-Dichlorobenzene	13.285	146	126536	21.180	ug/l	97
88) 1,4-Dichlorobenzene	13.365	146	124913	21.283	ug/l	95
89) n-Butylbenzene	13.614	91	259332	21.704	ug/l	98
90) Hexachloroethane	13.883	117	51259	21.512	ug/l	83
91) 1,2-Dichlorobenzene	13.657	146	110711	21.090	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.273	75	8102	20.494	ug/l	78
93) 1,2,4-Trichlorobenzene	14.919	180	56783	19.291	ug/l	98
94) Hexachlorobutadiene	15.023	225	32870	20.086	ug/l	97
95) Naphthalene	15.145	128	108325	19.512	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	47550	19.110	ug/l	98

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Response via : Initial Calibration

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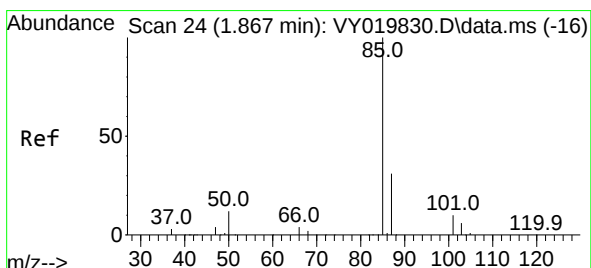
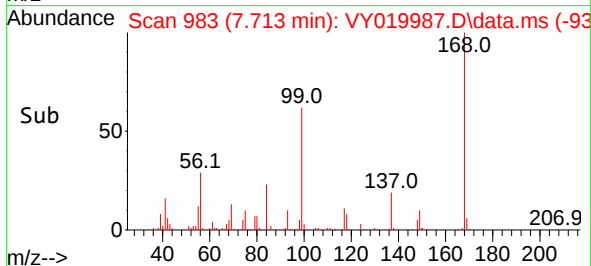
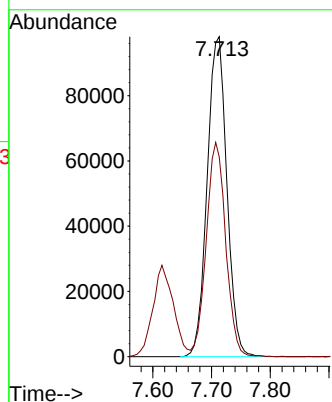
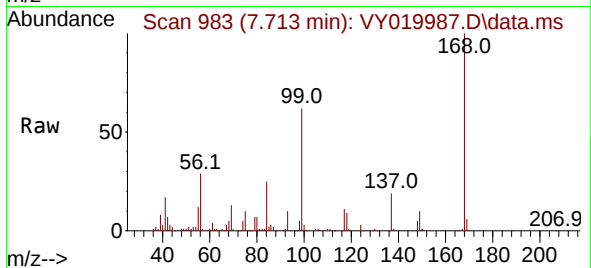
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019987.D
Acq: 23 Oct 2024 12:20

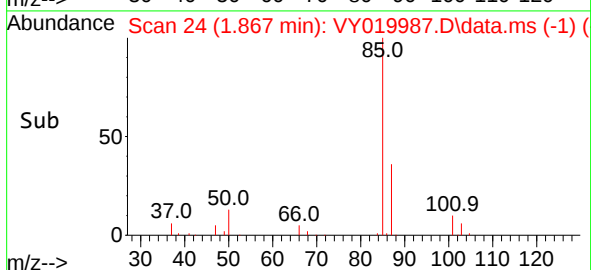
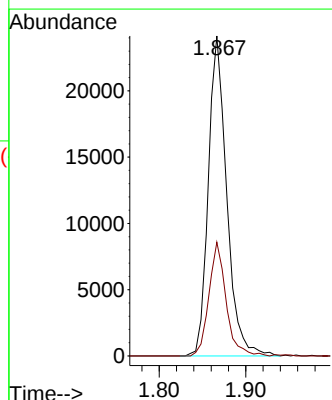
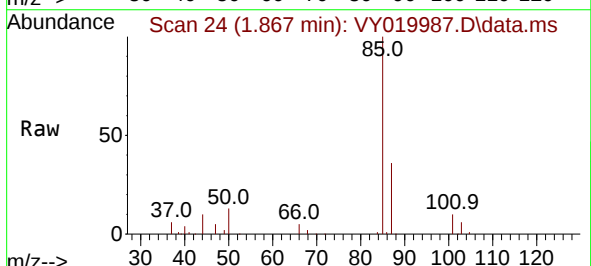
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 228334
Ion Ratio Lower Upper
168 100
99 62.3 39.1 58.7#



#2
Dichlorodifluoromethane
Concen: 16.765 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.001 min
Lab File: VY019987.D
Acq: 23 Oct 2024 12:20

Tgt Ion: 85 Resp: 35636
Ion Ratio Lower Upper
85 100
87 35.5 16.0 48.0

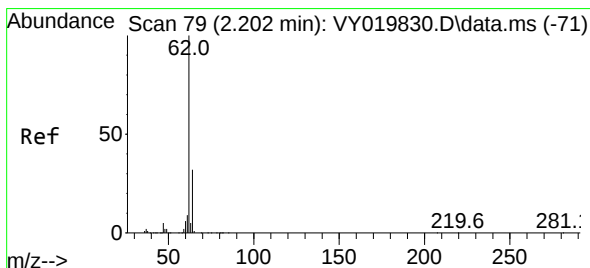
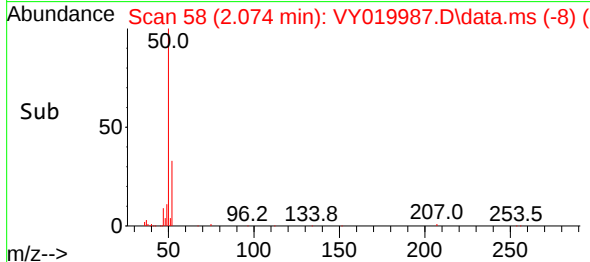
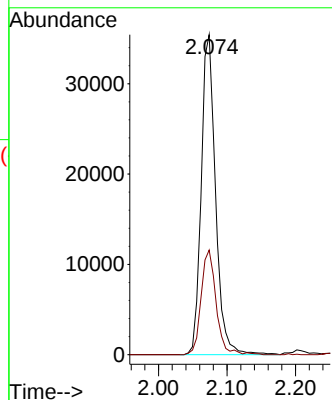
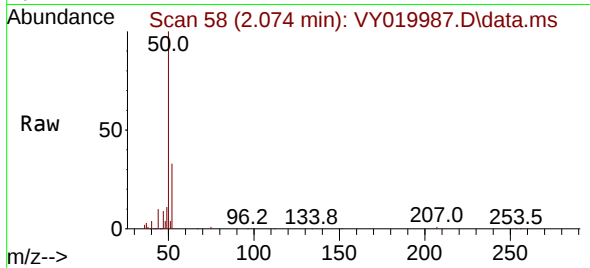




#3
Chloromethane
Concen: 18.651 ug/l
RT: 2.074 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY019987.D
Acq: 23 Oct 2024 12:20

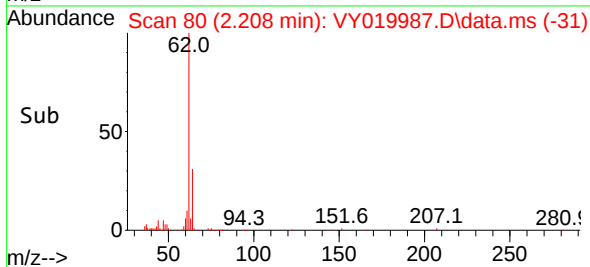
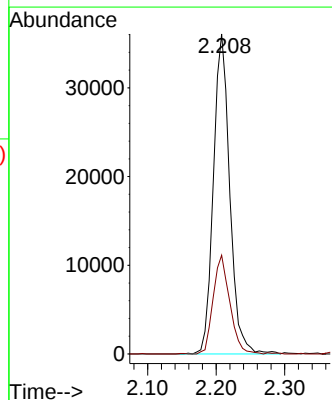
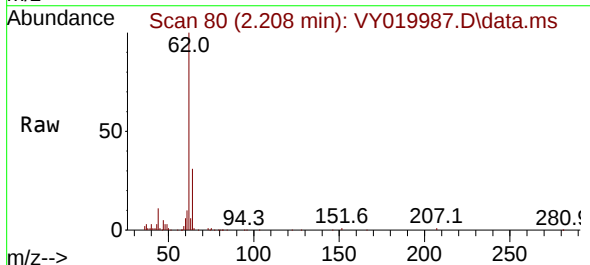
Instrument :
MSVOA_Y
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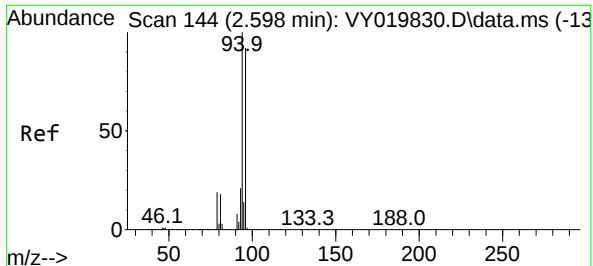
Tgt Ion: 50 Resp: 51598
Ion Ratio Lower Upper
50 100
52 32.7 25.6 38.4



#4
Vinyl Chloride
Concen: 19.660 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.000 min
Lab File: VY019987.D
Acq: 23 Oct 2024 12:20

Tgt Ion: 62 Resp: 59853
Ion Ratio Lower Upper
62 100
64 30.7 26.1 39.1

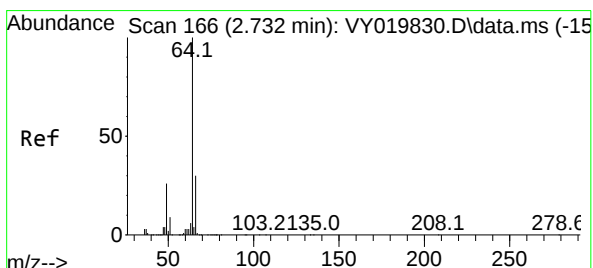
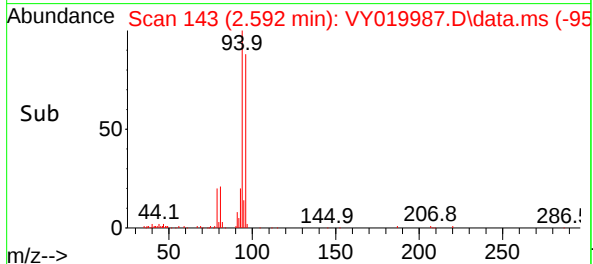
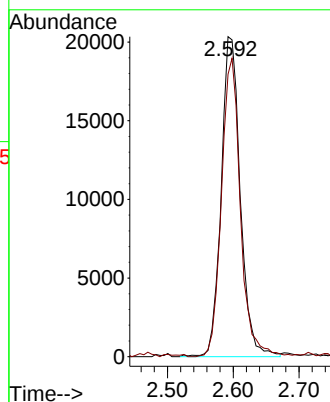
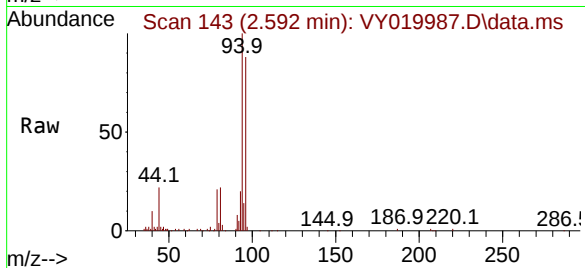




#5
Bromomethane
Concen: 21.335 ug/l
RT: 2.592 min Scan# 144
Delta R.T. -0.006 min
Lab File: VY019987.D
Acq: 23 Oct 2024 12:20

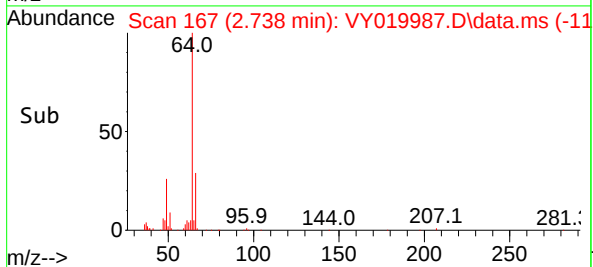
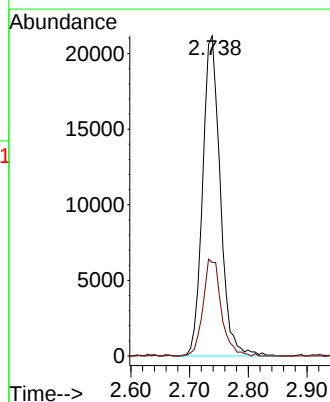
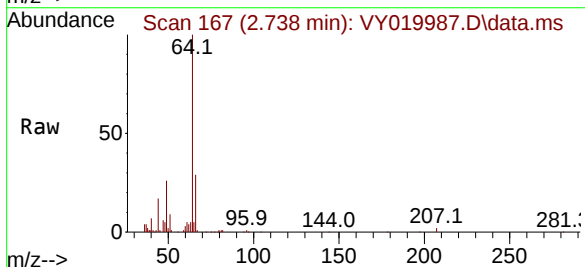
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 94 Resp: 41112
Ion Ratio Lower Upper
94 100
96 87.8 74.1 111.1



#6
Chloroethane
Concen: 21.607 ug/l
RT: 2.738 min Scan# 167
Delta R.T. 0.000 min
Lab File: VY019987.D
Acq: 23 Oct 2024 12:20

Tgt Ion: 64 Resp: 44191
Ion Ratio Lower Upper
64 100
66 29.2 26.1 39.1

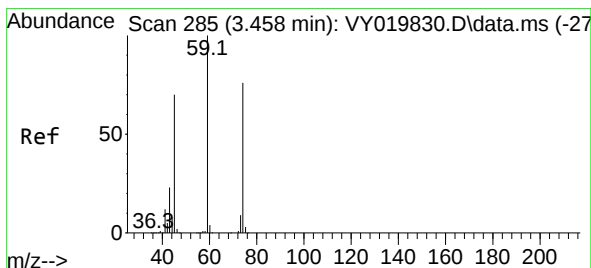
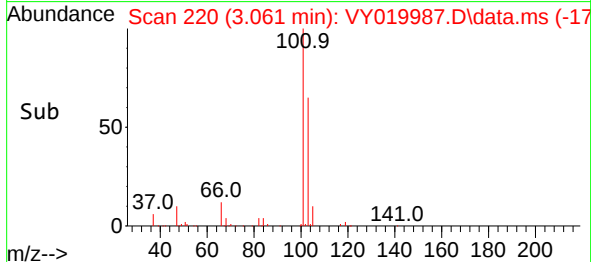
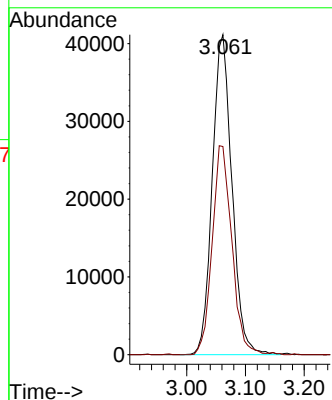
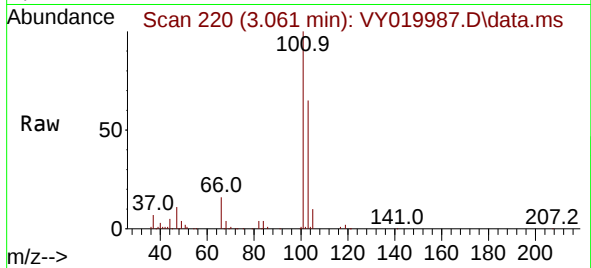




#7
 Trichlorofluoromethane
 Concen: 21.100 ug/l
 RT: 3.061 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VY019987.D
 Acq: 23 Oct 2024 12:20

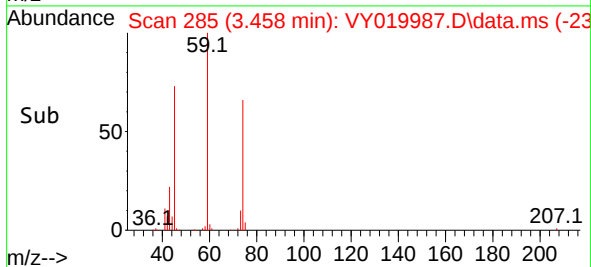
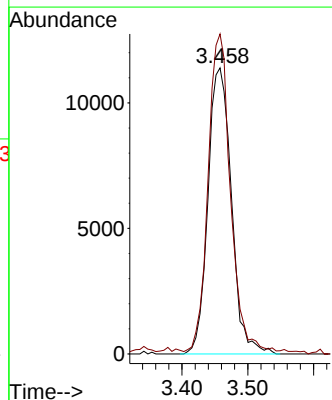
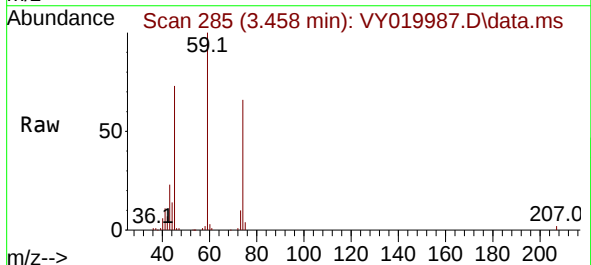
Instrument :
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 ClientSampleId :

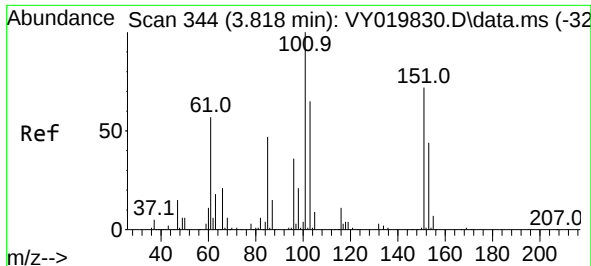
Tgt Ion:101 Resp: 95584
 Ion Ratio Lower Upper
 101 100
 103 65.1 49.3 73.9



#8
 Diethyl Ether
 Concen: 20.564 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. 0.000 min
 Lab File: VY019987.D
 Acq: 23 Oct 2024 12:20

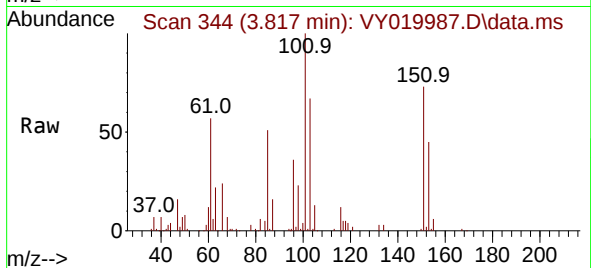
Tgt Ion: 74 Resp: 28312
 Ion Ratio Lower Upper
 74 100
 45 104.8 41.3 124.1



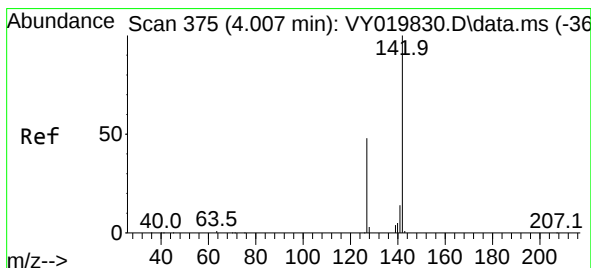
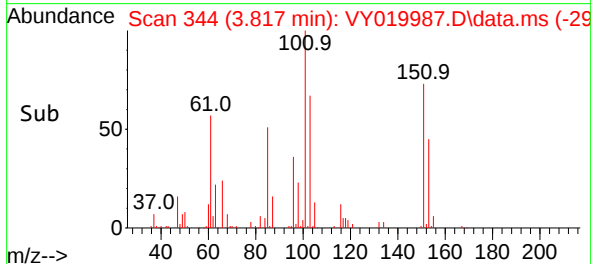
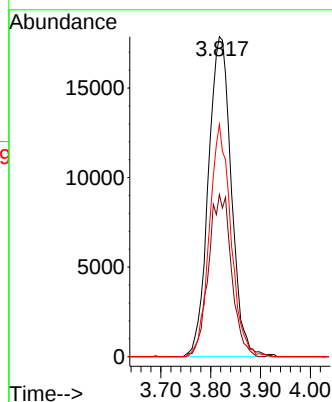


#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.665 ug/l
RT: 3.817 min Scan# 344
Delta R.T. 0.006 min
Lab File: VY019987.D
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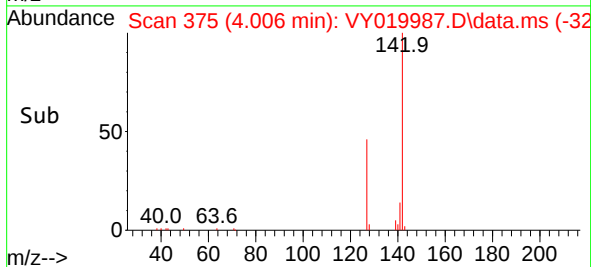
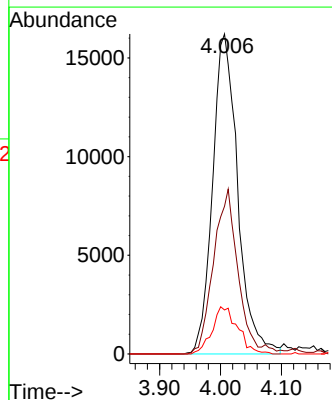
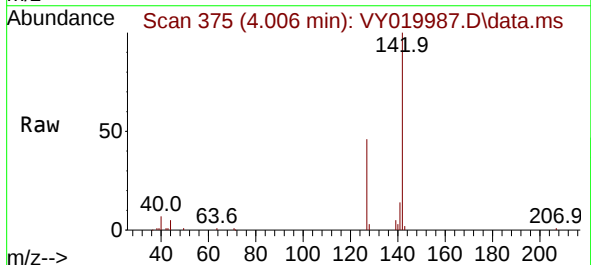


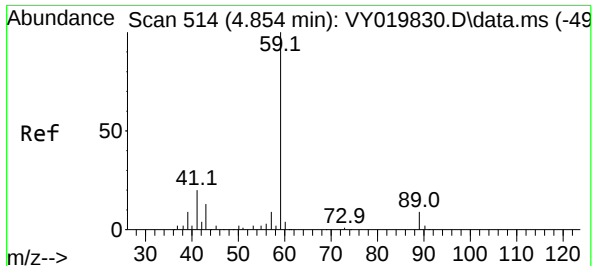
Tgt Ion:101 Resp: 57085
Ion Ratio Lower Upper
101 100
85 50.9 34.5 51.7
151 67.9 61.7 92.5



#10
Methyl Iodide
Concen: 17.418 ug/l
RT: 4.006 min Scan# 375
Delta R.T. 0.000 min
Lab File: VY019987.D
Acq: 23 Oct 2024 12:20

Tgt Ion:142 Resp: 46418
Ion Ratio Lower Upper
142 100
127 49.4 32.8 49.2#
141 15.1 11.4 17.2





#11

Tert butyl alcohol

Concen: 103.724 ug/l

RT: 4.854 min Scan# 514

Delta R.T. -0.006 min

Lab File: VY019987.D

Acq: 23 Oct 2024 12:20

Instrument :

MSVOA_Y

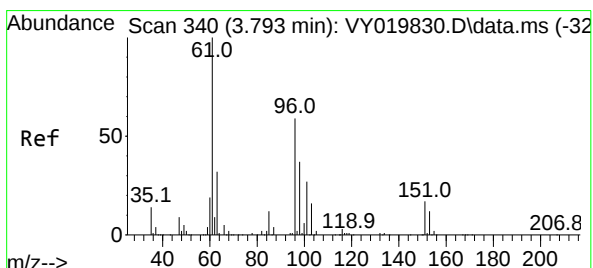
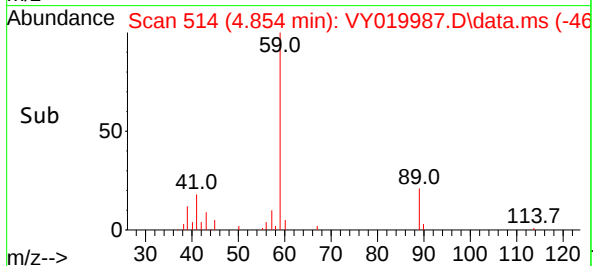
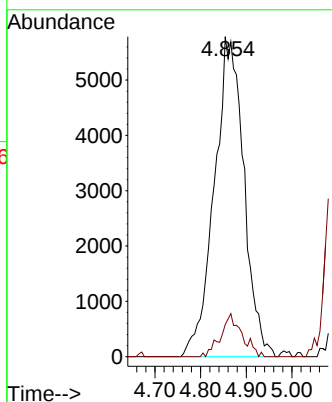
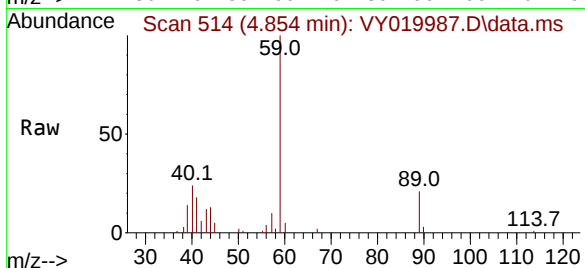
ClientSampleId :

Tgt Ion: 59 Resp: 25965

Ion Ratio Lower Upper

59 100

57 8.6 3.0 4.6#



#12

1,1-Dichloroethene

Concen: 19.509 ug/l

RT: 3.793 min Scan# 340

Delta R.T. 0.006 min

Lab File: VY019987.D

Acq: 23 Oct 2024 12:20

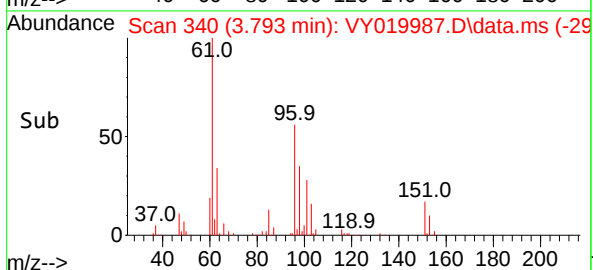
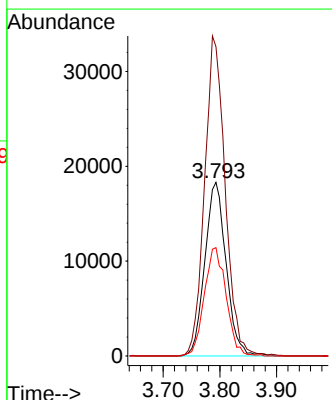
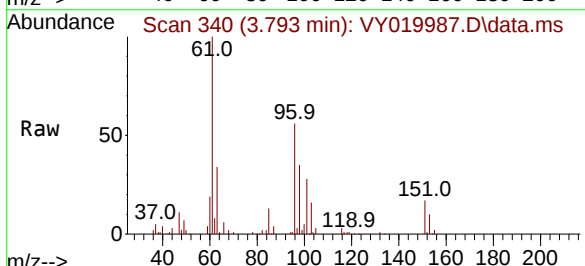
Tgt Ion: 96 Resp: 47789

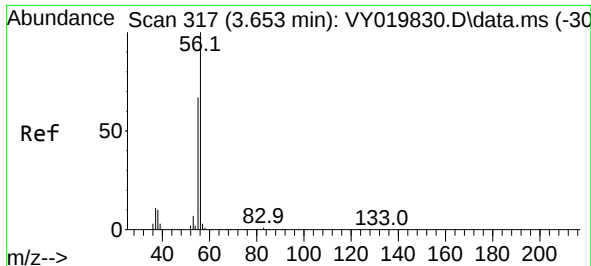
Ion Ratio Lower Upper

96 100

61 178.1 114.6 171.8#

98 62.4 50.8 76.2





#13

Acrolein

Concen: 80.707 ug/l

RT: 3.659 min Scan# 31

Delta R.T. 0.006 min

Lab File: VY019987.D

Acq: 23 Oct 2024 12:20

Instrument :

MSVOA_Y

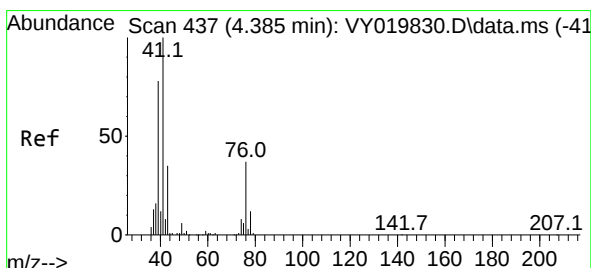
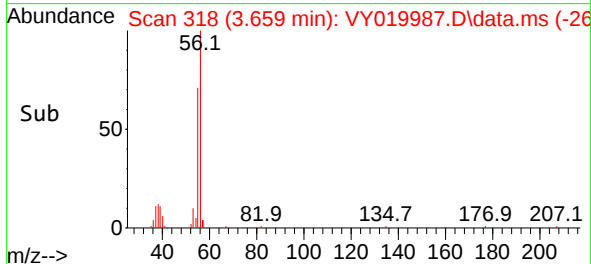
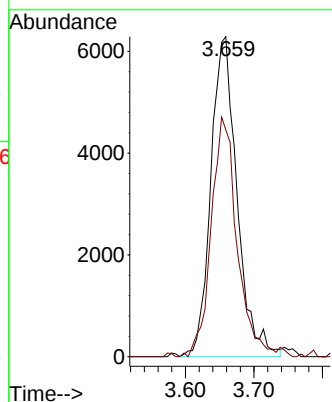
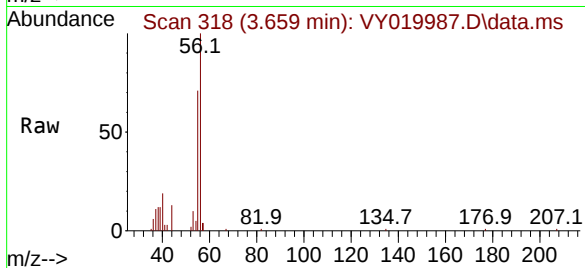
ClientSampleId :

Tgt Ion: 56 Resp: 16673

Ion Ratio Lower Upper

56 100

55 73.6 55.7 83.5



#14

Allyl chloride

Concen: 20.640 ug/l

RT: 4.391 min Scan# 438

Delta R.T. 0.006 min

Lab File: VY019987.D

Acq: 23 Oct 2024 12:20

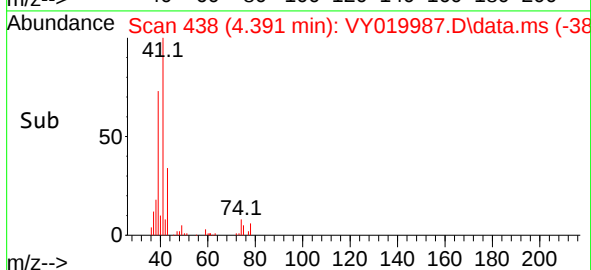
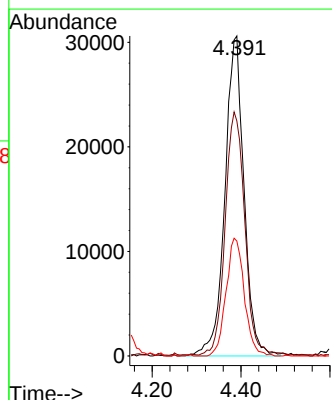
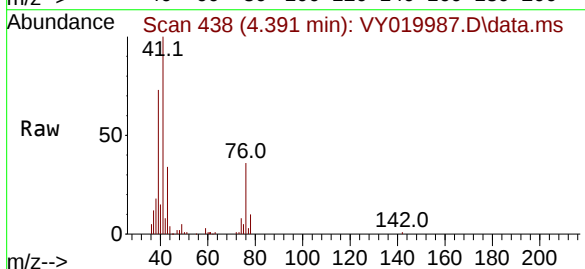
Tgt Ion: 41 Resp: 91223

Ion Ratio Lower Upper

41 100

39 77.8 58.3 87.5

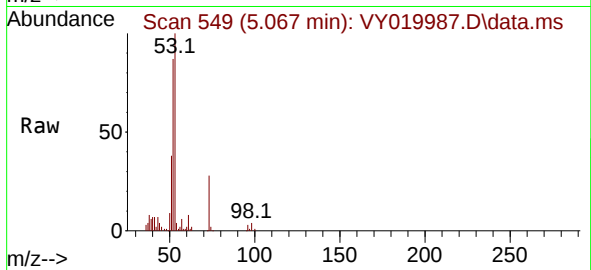
76 35.2 39.0 58.6#



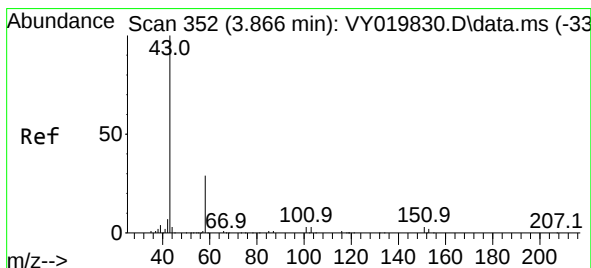
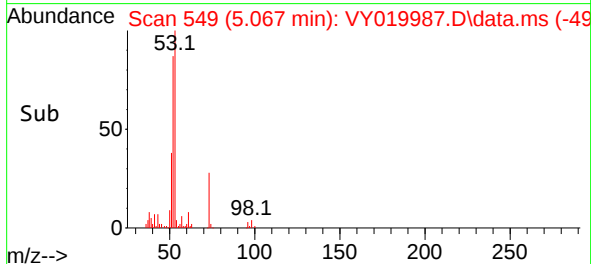
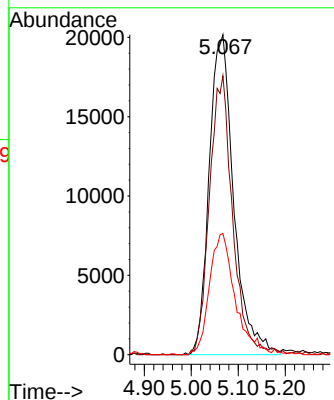


#15
Acrylonitrile
Concen: 116.169 ug/l
RT: 5.067 min Scan# 54
Delta R.T. 0.012 min
Lab File: VY019987.D
Acq: 23 Oct 2024 12:20

Instrument :
MSVOA_Y
ClientSampleId :

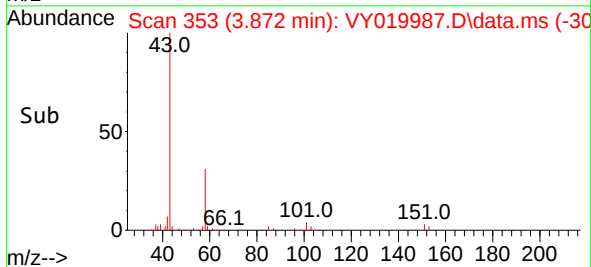
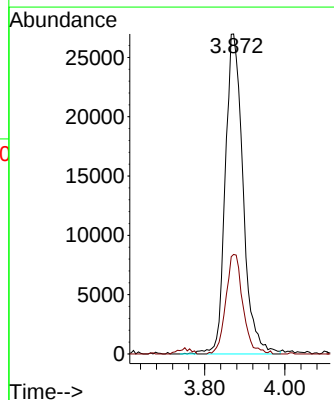
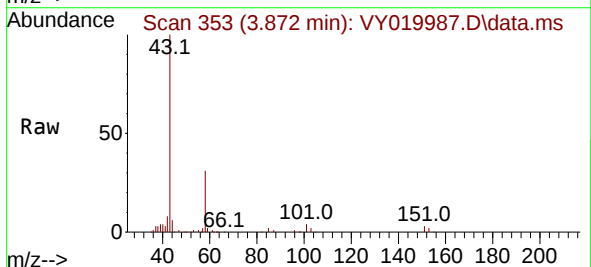


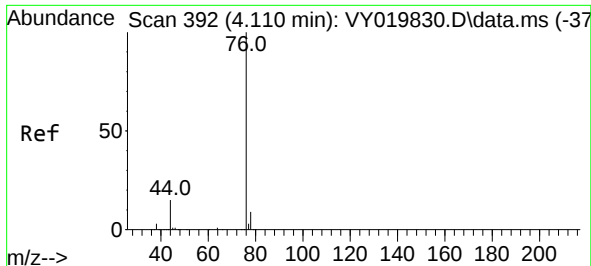
Tgt Ion	Ratio	Lower	Upper
53	100		
52	81.4	64.7	97.1
51	39.5	28.4	42.6



#16
Acetone
Concen: 113.414 ug/l
RT: 3.872 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY019987.D
Acq: 23 Oct 2024 12:20

Tgt Ion	Ratio	Lower	Upper
43	100		
58	31.1	31.7	47.5#

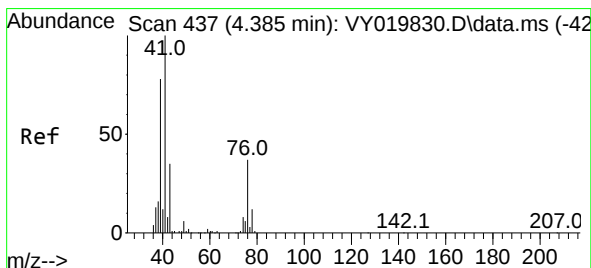
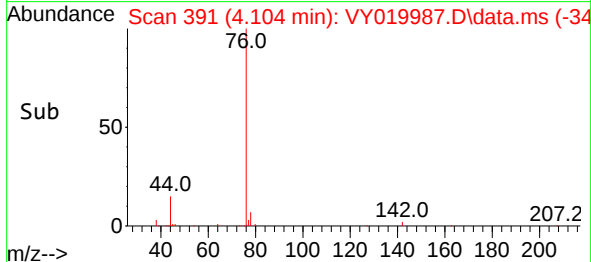
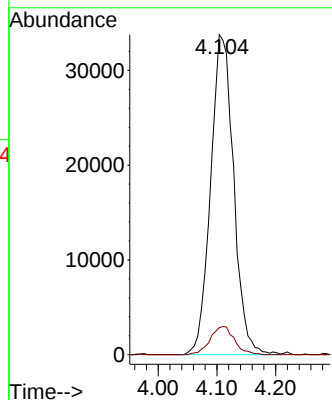
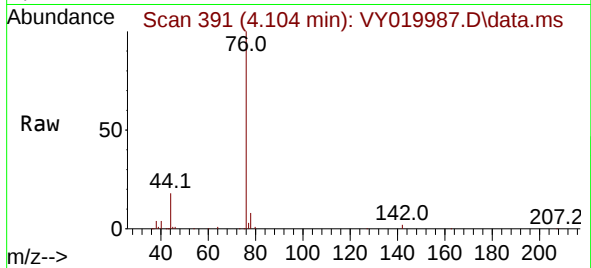




#17
Carbon Disulfide
Concen: 14.003 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY019987.D
Acq: 23 Oct 2024 12:20

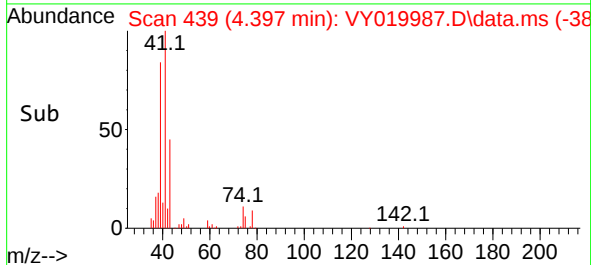
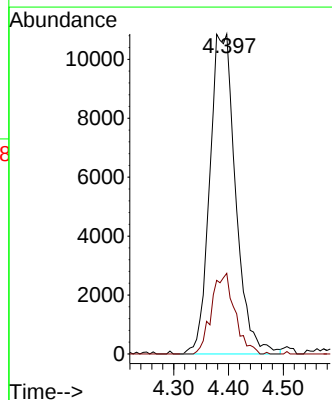
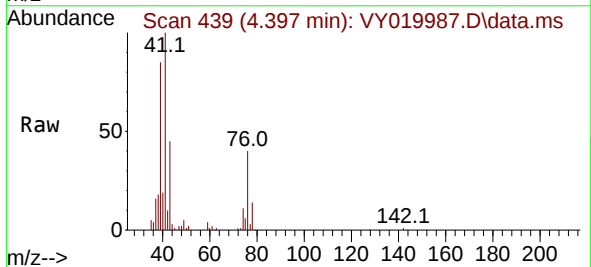
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 76 Resp: 91942
Ion Ratio Lower Upper
76 100
78 8.4 6.8 10.2



#18
Methyl Acetate
Concen: 22.475 ug/l
RT: 4.397 min Scan# 439
Delta R.T. 0.012 min
Lab File: VY019987.D
Acq: 23 Oct 2024 12:20

Tgt Ion: 43 Resp: 35434
Ion Ratio Lower Upper
43 100
74 22.8 23.3 34.9#





#19

Methyl tert-butyl Ether

Concen: 22.562 ug/l

RT: 5.122 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY019987.D

Acq: 23 Oct 2024 12:20

Instrument :

MSVOA_Y

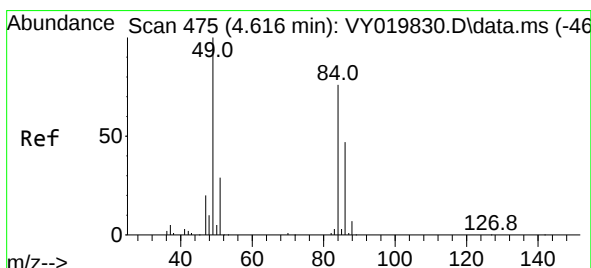
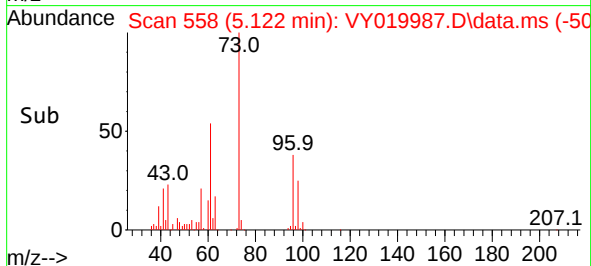
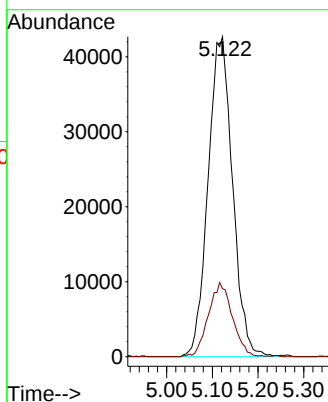
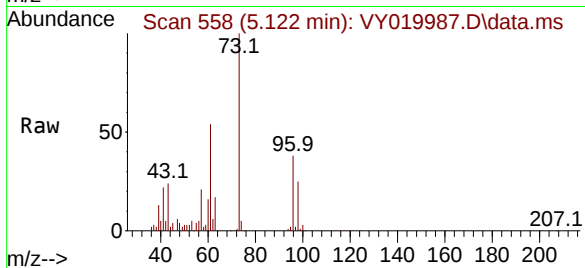
ClientSampleId :

Tgt Ion: 73 Resp: 158778

Ion Ratio Lower Upper

73 100

57 21.3 17.3 25.9



#20

Methylene Chloride

Concen: 20.930 ug/l

RT: 4.616 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY019987.D

Acq: 23 Oct 2024 12:20

Tgt Ion: 84 Resp: 57868

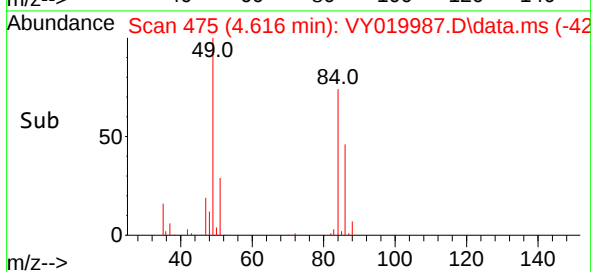
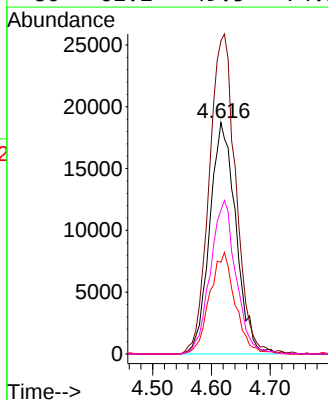
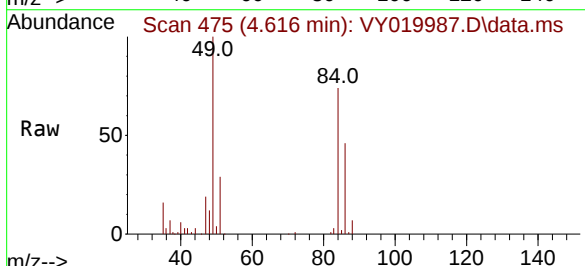
Ion Ratio Lower Upper

84 100

49 135.4 84.4 126.6#

51 39.6 26.0 39.0#

86 62.2 49.5 74.3

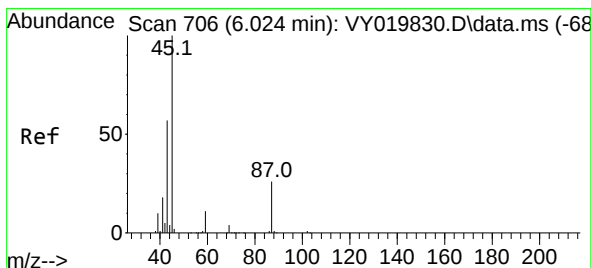
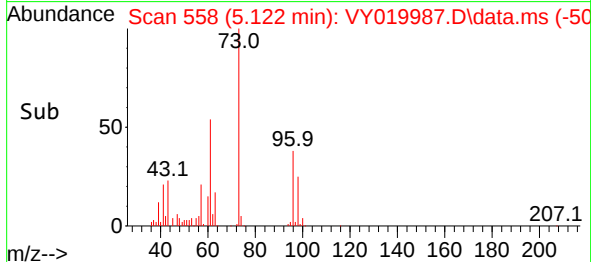
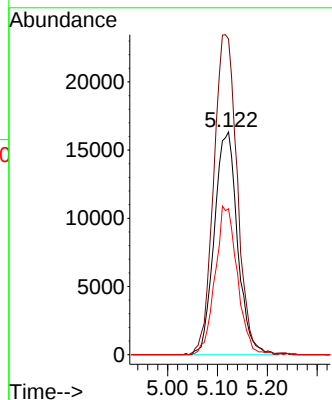
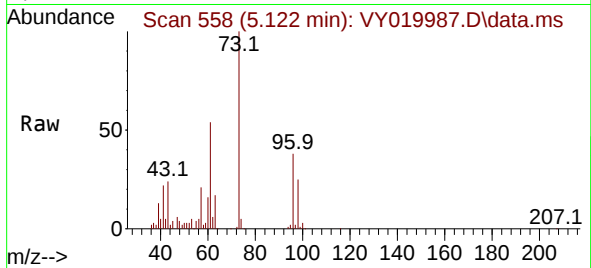




#21
trans-1,2-Dichloroethene
Concen: 19.837 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY019987.D
Acq: 23 Oct 2024 12:20

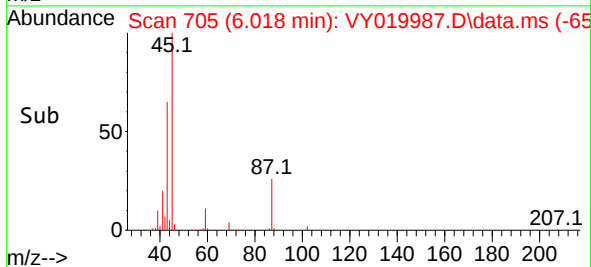
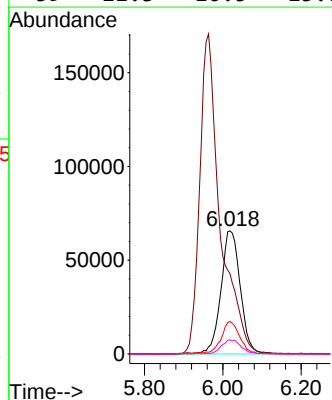
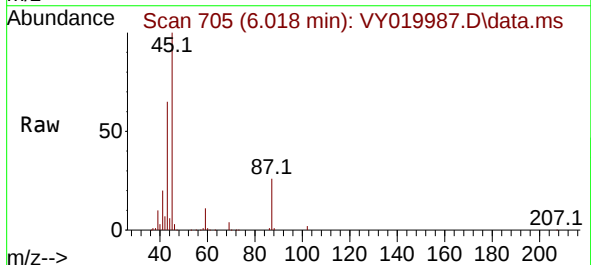
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 96 Resp: 52886
Ion Ratio Lower Upper
96 100
61 141.7 97.5 146.3
98 65.5 50.5 75.7



#22
Diisopropyl ether
Concen: 23.407 ug/l
RT: 6.018 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY019987.D
Acq: 23 Oct 2024 12:20

Tgt Ion: 45 Resp: 225339
Ion Ratio Lower Upper
45 100
43 65.1 42.2 63.2#
87 26.4 25.0 37.6
59 11.3 10.5 15.7

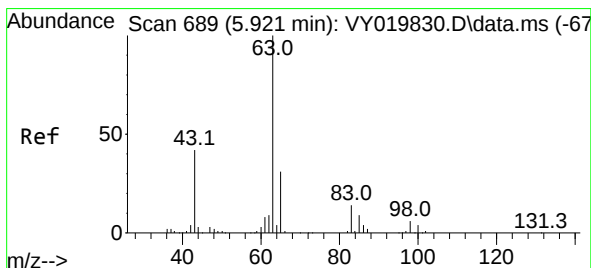
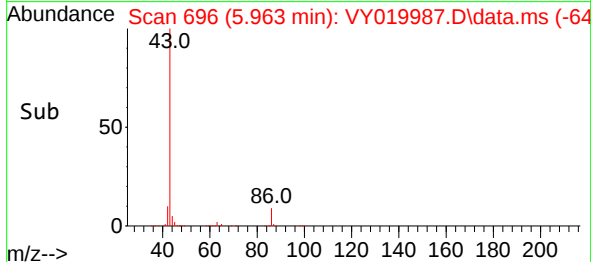
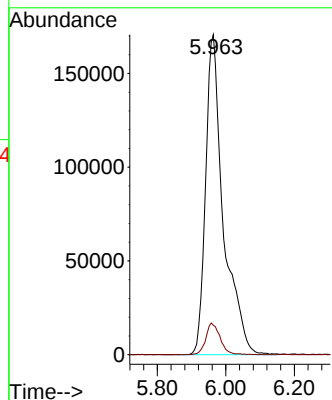
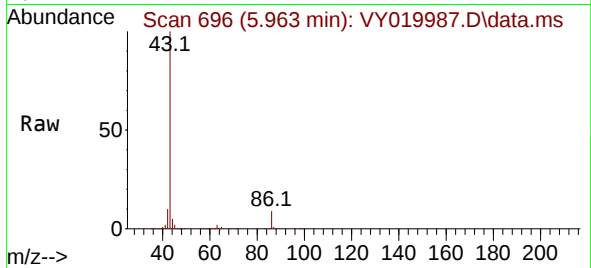




#23
 Vinyl Acetate
 Concen: 111.778 ug/l
 RT: 5.963 min Scan# 61
 Delta R.T. 0.006 min
 Lab File: VY019987.D
 Acq: 23 Oct 2024 12:20

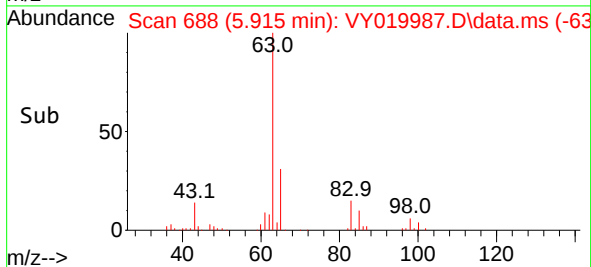
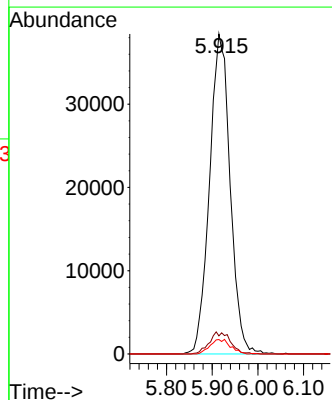
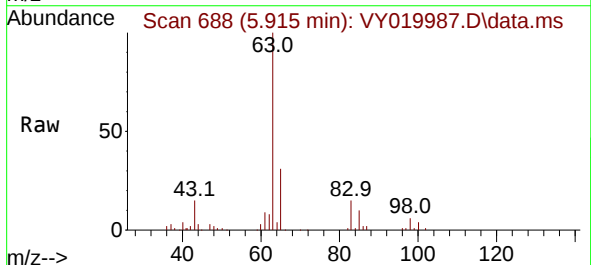
Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion: 43 Resp: 616904
 Ion Ratio Lower Upper
 43 100
 86 9.2 10.6 16.0#



#24
 1,1-Dichloroethane
 Concen: 22.496 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY019987.D
 Acq: 23 Oct 2024 12:20

Tgt Ion: 63 Resp: 120385
 Ion Ratio Lower Upper
 63 100
 98 5.6 4.0 12.2
 100 4.5 2.6 8.0





#25

2-Butanone

Concen: 115.321 ug/l

RT: 6.890 min Scan# 849

Delta R.T. 0.000 min

Lab File: VY019987.D

Acq: 23 Oct 2024 12:20

Instrument :

MSVOA_Y

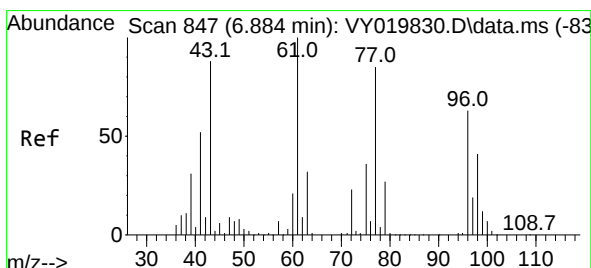
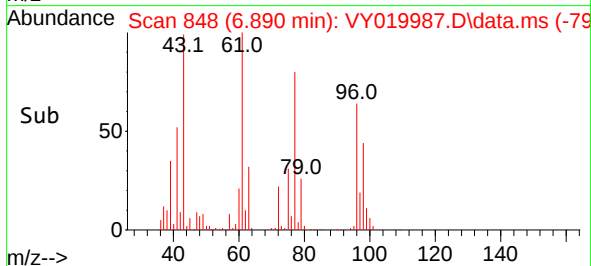
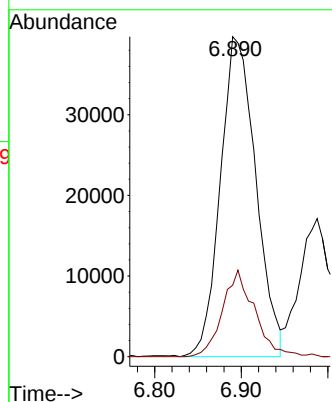
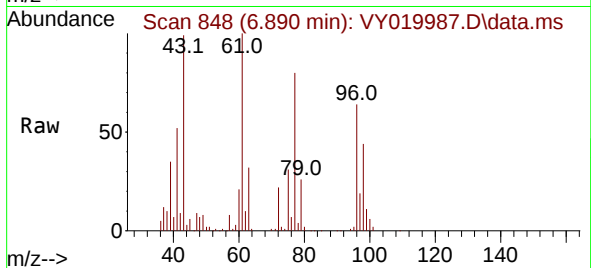
ClientSampleId :

Tgt Ion: 43 Resp: 112972

Ion Ratio Lower Upper

43 100

72 22.3 27.3 40.9#



#26

2,2-Dichloropropane

Concen: 21.031 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.006 min

Lab File: VY019987.D

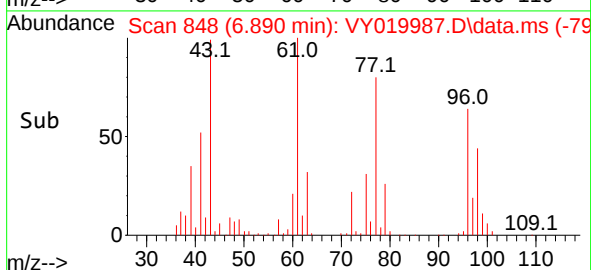
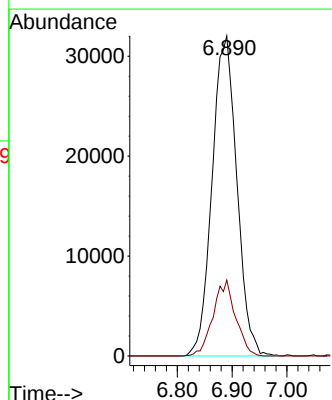
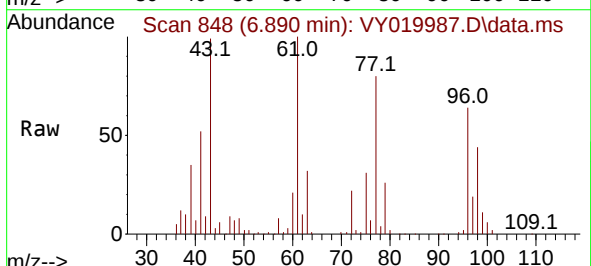
Acq: 23 Oct 2024 12:20

Tgt Ion: 77 Resp: 100233

Ion Ratio Lower Upper

77 100

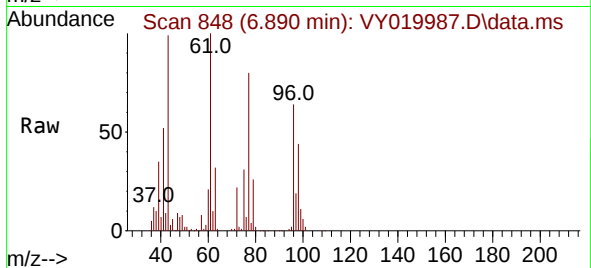
97 21.6 12.0 36.1



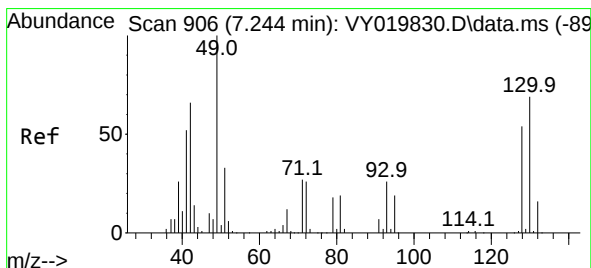
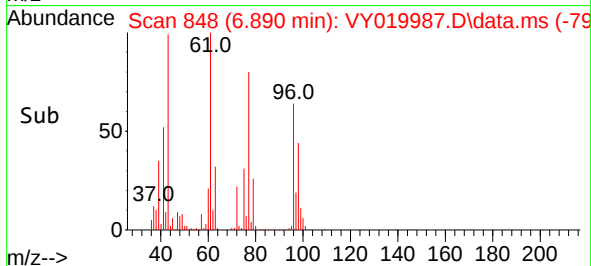
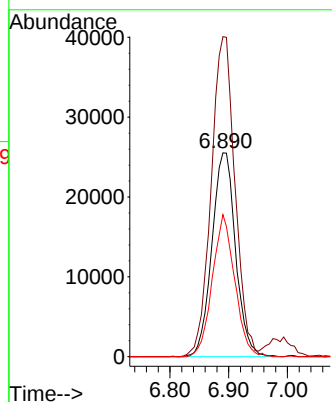


#27
 cis-1,2-Dichloroethene
 Concen: 21.721 ug/l
 RT: 6.890 min Scan# 848
 Delta R.T. 0.000 min
 Lab File: VY019987.D
 Acq: 23 Oct 2024 12:20

Instrument :
 MSVOA_Y
 ClientSampleId :

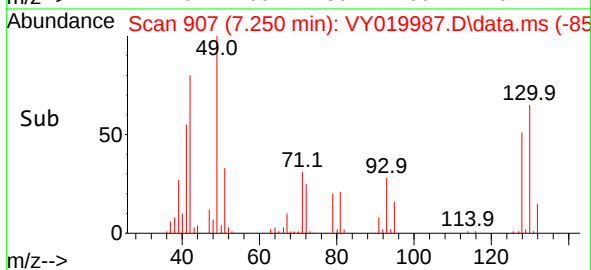
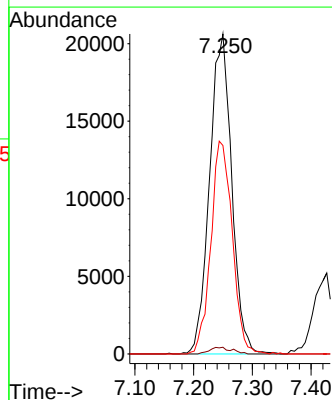
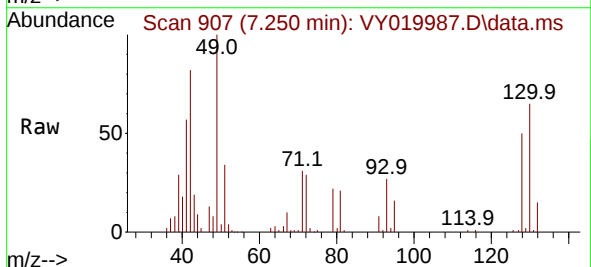


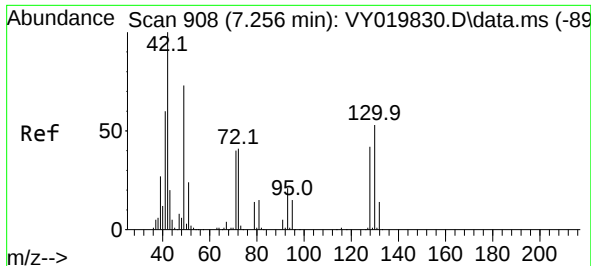
Tgt Ion: 96 Resp: 71565
 Ion Ratio Lower Upper
 96 100
 61 157.9 0.0 256.2
 98 65.9 0.0 130.0



#28
 Bromochloromethane
 Concen: 22.917 ug/l
 RT: 7.250 min Scan# 907
 Delta R.T. 0.006 min
 Lab File: VY019987.D
 Acq: 23 Oct 2024 12:20

Tgt Ion: 49 Resp: 53979
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.6
 130 64.3 72.7 109.1#





#29

Tetrahydrofuran

Concen: 112.944 ug/l

RT: 7.262 min Scan# 908

Delta R.T. 0.000 min

Lab File: VY019987.D

Acq: 23 Oct 2024 12:20

Instrument :

MSVOA_Y

ClientSampleId :

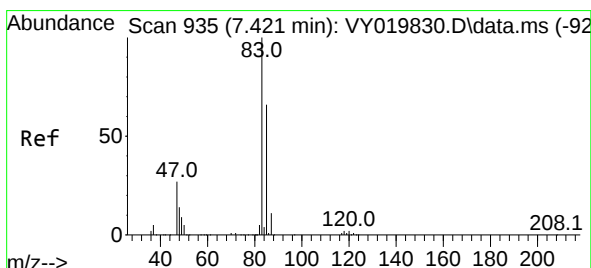
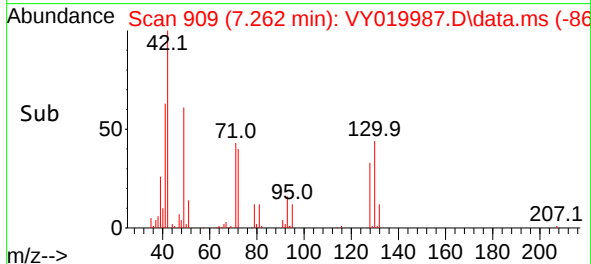
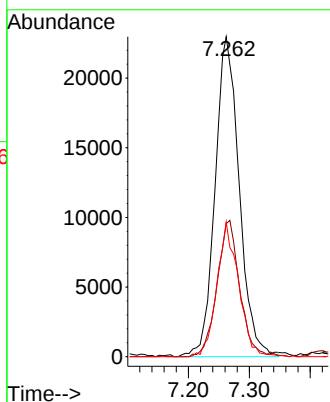
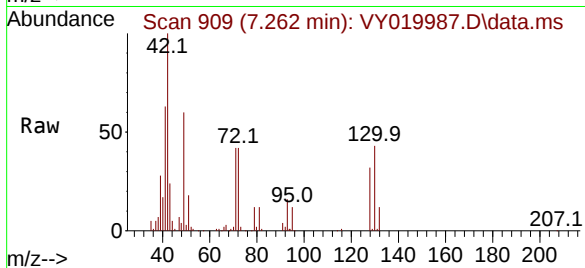
Tgt Ion: 42 Resp: 63175

Ion Ratio Lower Upper

42 100

72 40.2 43.0 64.4#

71 38.0 40.8 61.2#



#30

Chloroform

Concen: 23.759 ug/l

RT: 7.420 min Scan# 935

Delta R.T. 0.000 min

Lab File: VY019987.D

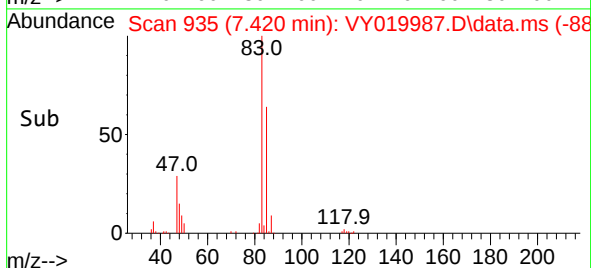
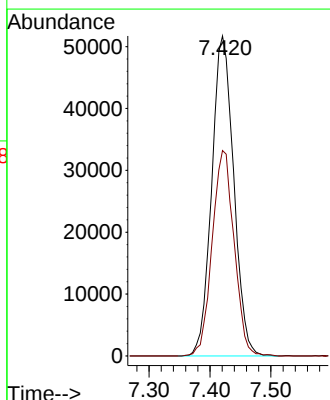
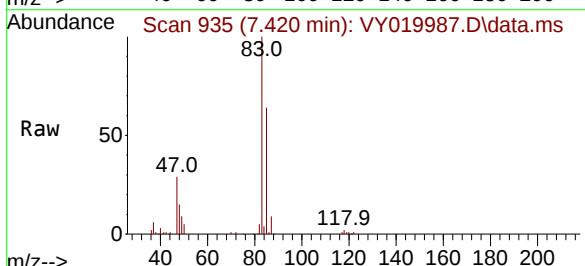
Acq: 23 Oct 2024 12:20

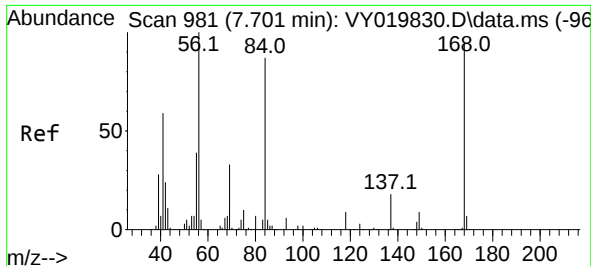
Tgt Ion: 83 Resp: 129608

Ion Ratio Lower Upper

83 100

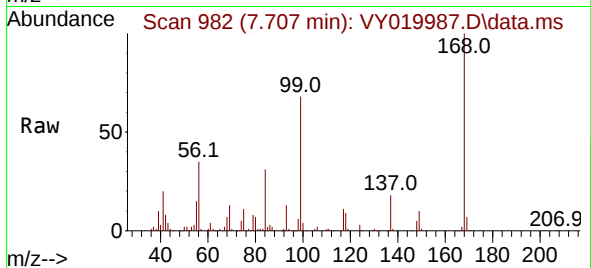
85 64.2 52.2 78.4



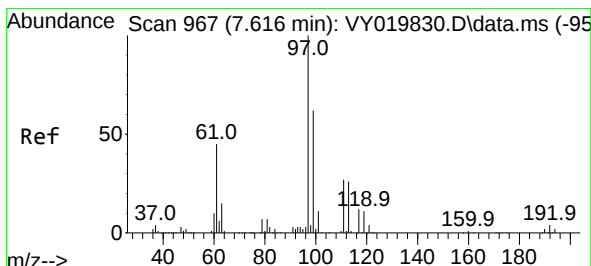
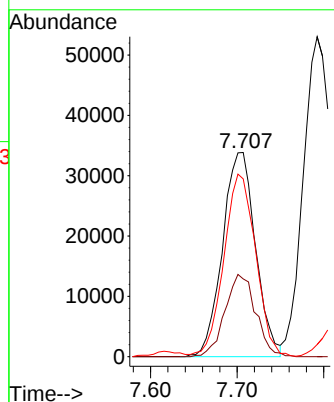
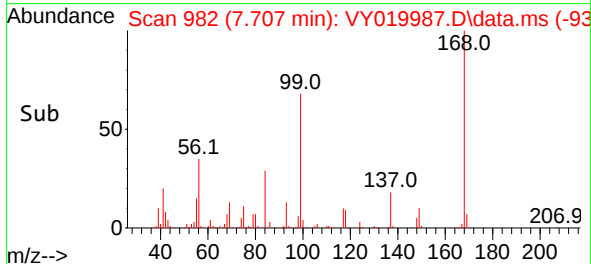


#31
Cyclohexane
Concen: 19.056 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY019987.D
Acq: 23 Oct 2024 12:20

Instrument :
MSVOA_Y
ClientSampleId :

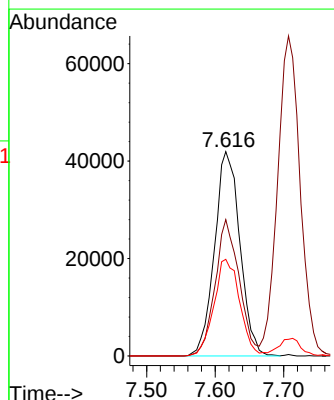
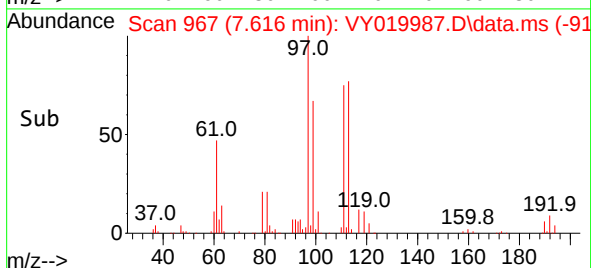
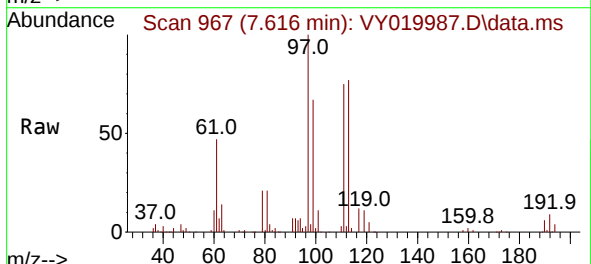


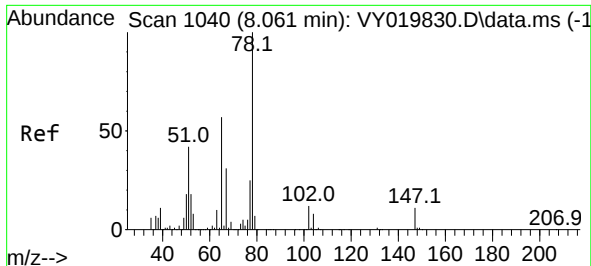
Tgt Ion: 56 Resp: 89518
Ion Ratio Lower Upper
56 100
69 38.1 28.7 43.1
84 85.5 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 22.564 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY019987.D
Acq: 23 Oct 2024 12:20

Tgt Ion: 97 Resp: 107871
Ion Ratio Lower Upper
97 100
99 63.4 50.3 75.5
61 48.3 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 59.398 ug/l

RT: 8.061 min Scan# 11040

Delta R.T. 0.000 min

Lab File: VY019987.D

Acq: 23 Oct 2024 12:20

Instrument :

MSVOA_Y

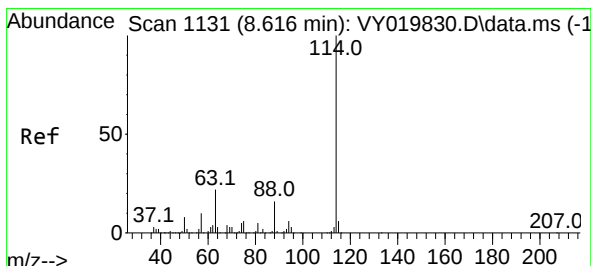
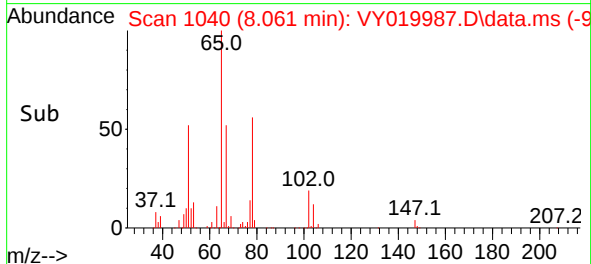
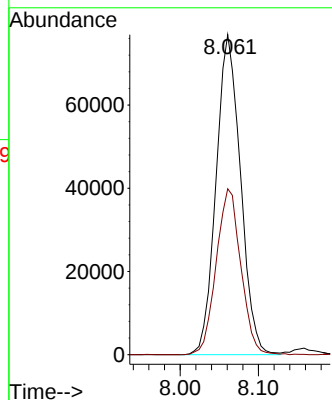
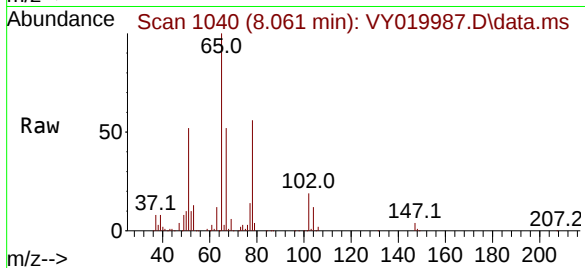
ClientSampleId :

Tgt Ion: 65 Resp: 166994

Ion Ratio Lower Upper

65 100

67 52.2 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY019987.D

Acq: 23 Oct 2024 12:20

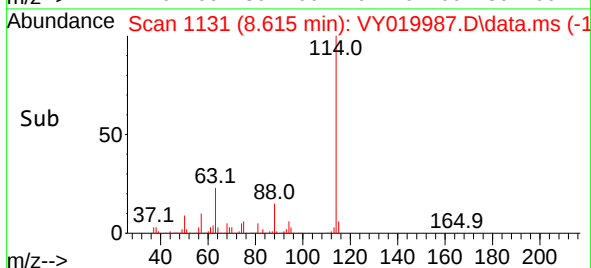
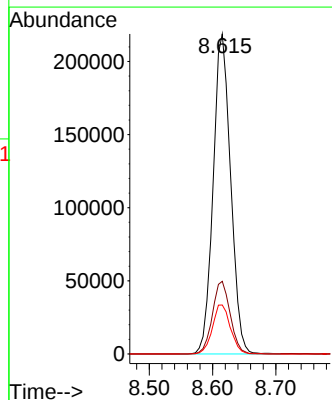
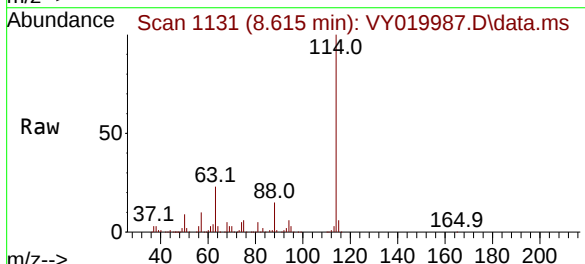
Tgt Ion: 114 Resp: 420481

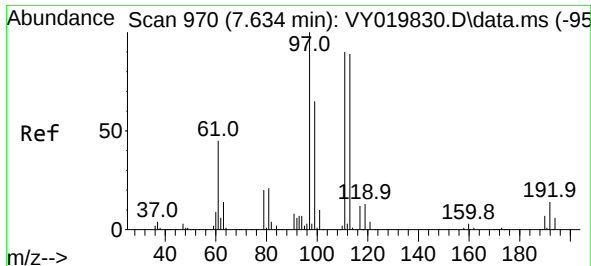
Ion Ratio Lower Upper

114 100

63 22.7 0.0 35.0

88 15.3 0.0 27.2

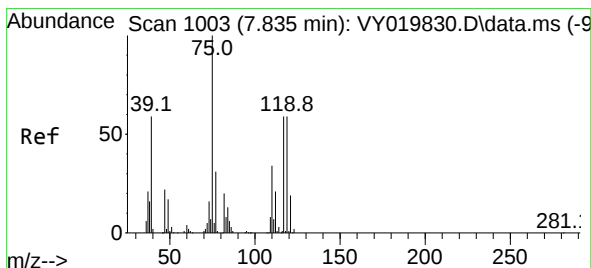
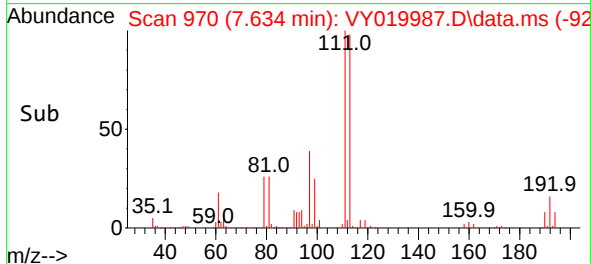
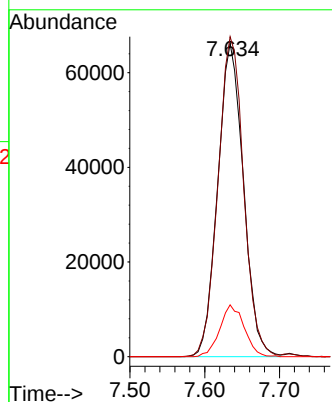
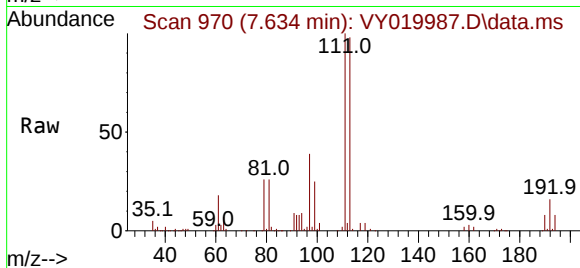




#35
Dibromofluoromethane
Concen: 57.099 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019987.D
Acq: 23 Oct 2024 12:20

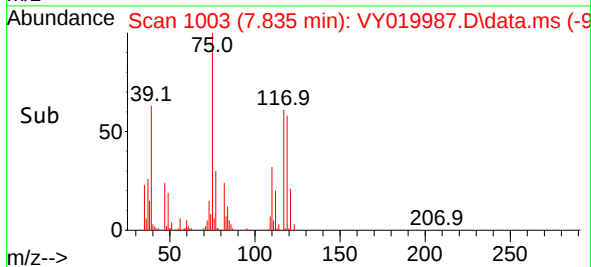
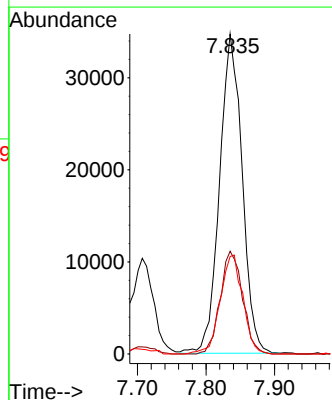
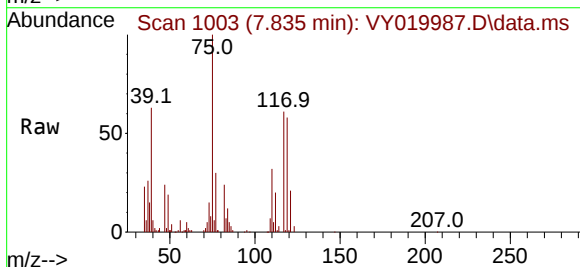
Instrument :
MSVOA_Y
ClientSampleId :

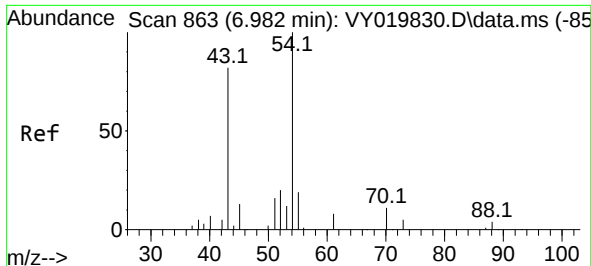
Tgt Ion:113 Resp: 158432
Ion Ratio Lower Upper
113 100
111 101.9 82.2 123.4
192 15.8 15.9 23.9#



#36
1,1-Dichloropropene
Concen: 19.819 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY019987.D
Acq: 23 Oct 2024 12:20

Tgt Ion: 75 Resp: 79224
Ion Ratio Lower Upper
75 100
110 32.0 19.0 57.0
77 31.1 25.3 37.9

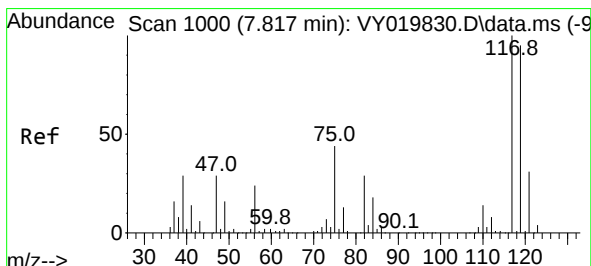
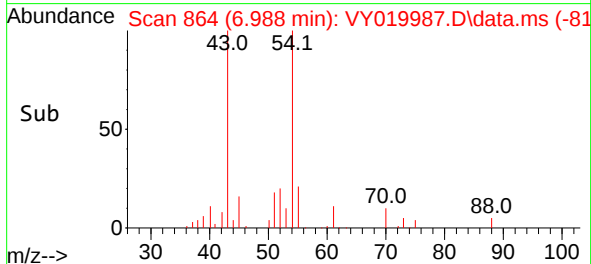
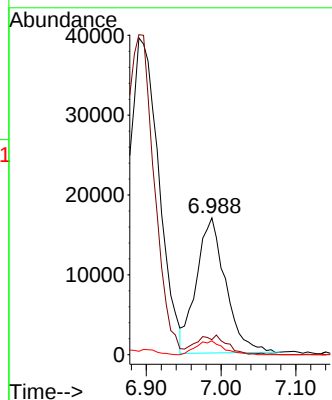
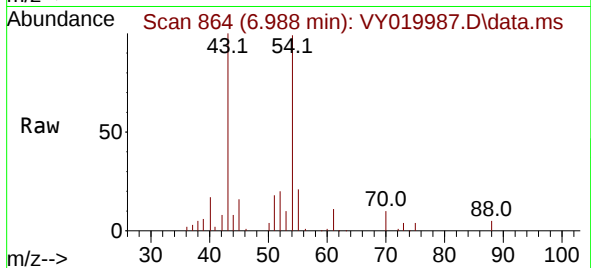




#37
Ethyl Acetate
Concen: 22.045 ug/l
RT: 6.988 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY019987.D
Acq: 23 Oct 2024 12:20

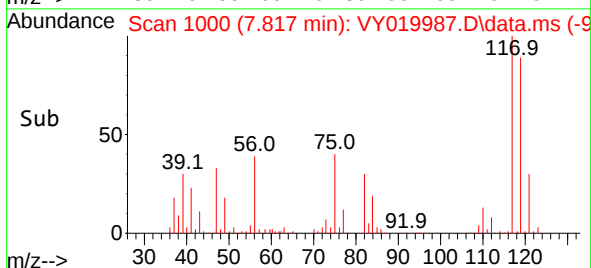
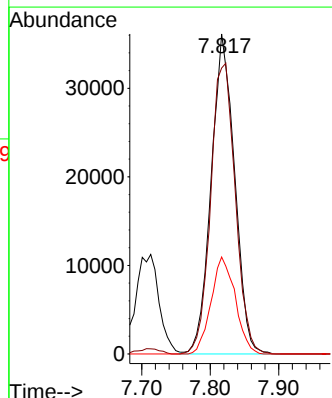
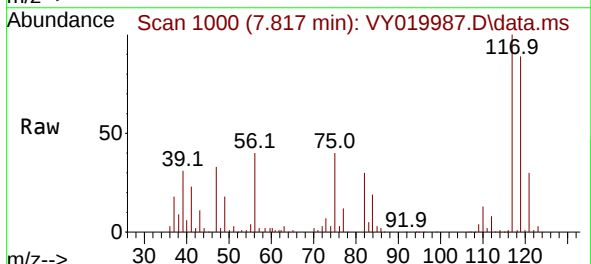
Instrument :
MSVOA_Y
ClientSampleId :

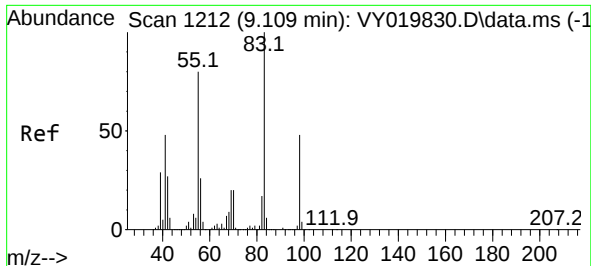
Tgt Ion: 43	Resp: 45952
Ion Ratio	Lower Upper
43	100
61	13.9 12.6 19.0
70	9.5 7.8 11.8



#38
Carbon Tetrachloride
Concen: 20.013 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY019987.D
Acq: 23 Oct 2024 12:20

Tgt Ion: 117	Resp: 85764
Ion Ratio	Lower Upper
117	100
119	89.3 75.8 113.6
121	30.3 24.0 36.0





#39

Methylcyclohexane

Concen: 17.960 ug/l

RT: 9.109 min Scan# 1

Delta R.T. 0.000 min

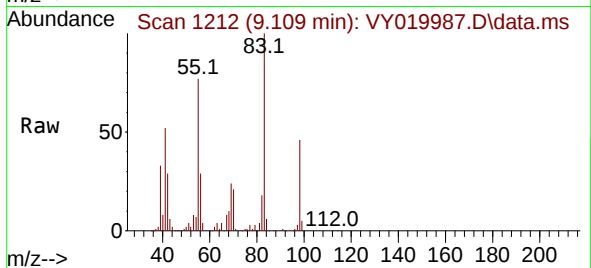
Lab File: VY019987.D

Acq: 23 Oct 2024 12:20

Instrument :

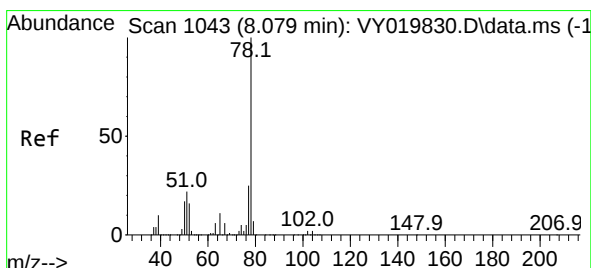
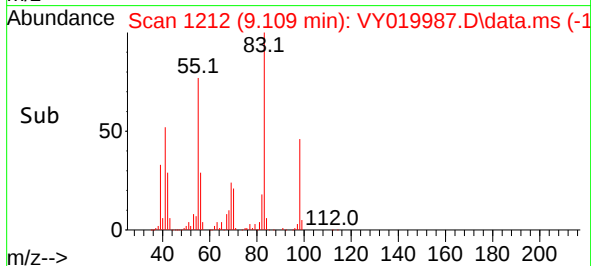
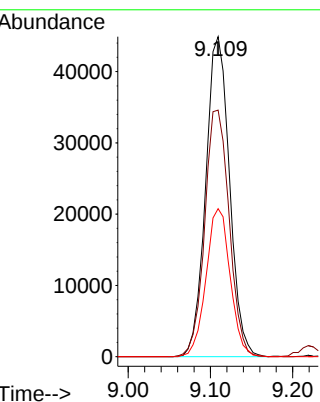
MSVOA_Y

ClientSampleId :



Tgt Ion: 83 Resp: 90459

Ion	Ratio	Lower	Upper
83	100		
55	77.1	51.5	77.3
98	46.2	40.5	60.7



#40

Benzene

Concen: 20.118 ug/l

RT: 8.079 min Scan# 1043

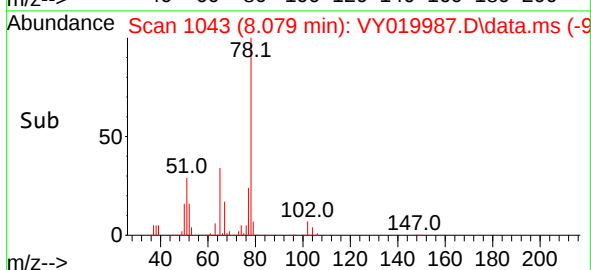
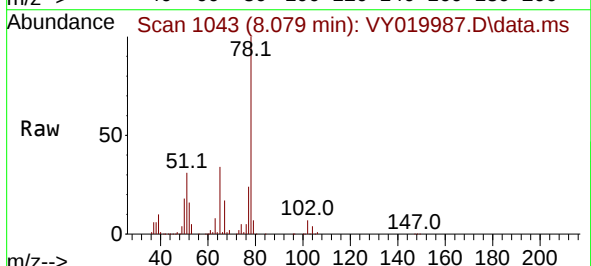
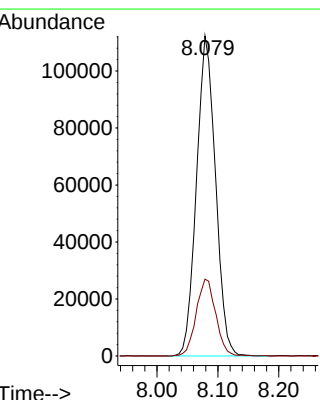
Delta R.T. 0.000 min

Lab File: VY019987.D

Acq: 23 Oct 2024 12:20

Tgt Ion: 78 Resp: 243387

Ion	Ratio	Lower	Upper
78	100		
77	24.0	19.5	29.3

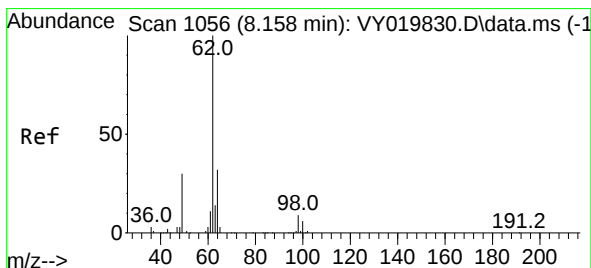
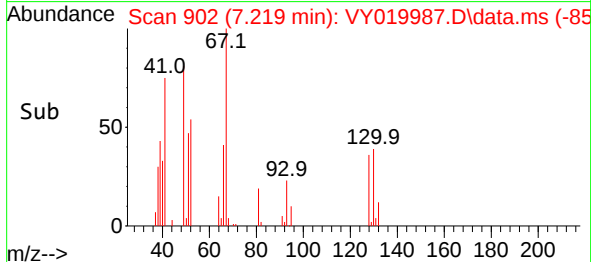
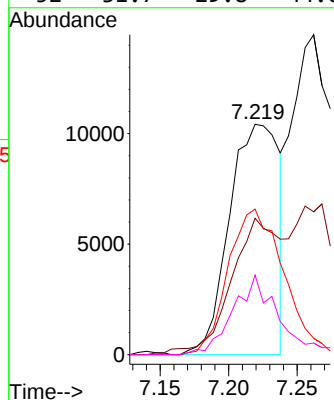
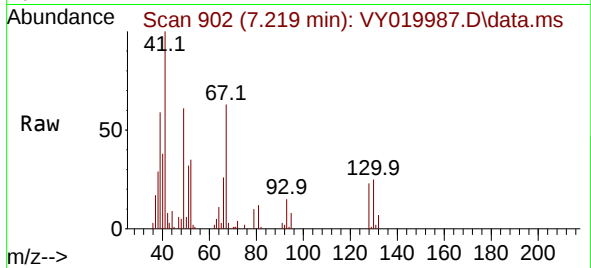




#41
Methacrylonitrile
Concen: 23.364 ug/l
RT: 7.219 min Scan# 902
Delta R.T. 0.000 min
Lab File: VY019987.D
Acq: 23 Oct 2024 12:20

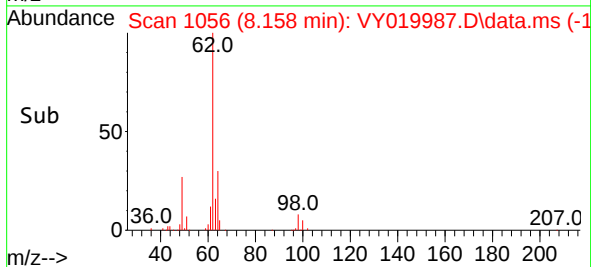
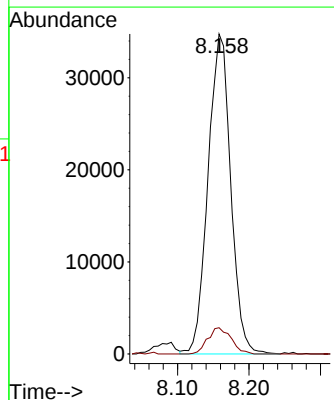
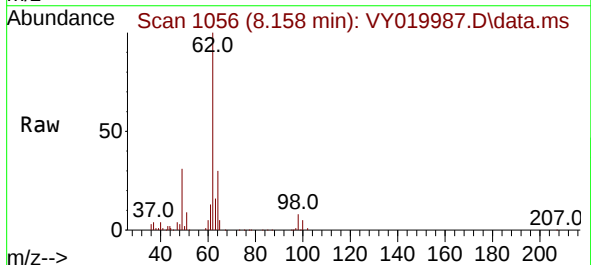
Instrument :
MSVOA_Y
ClientSampleId :

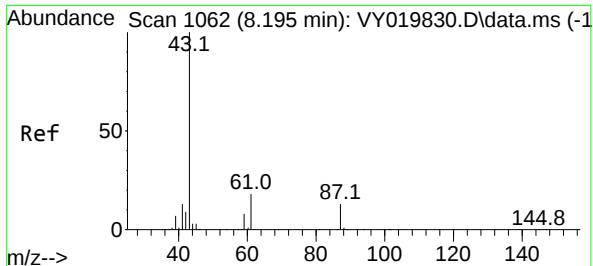
Tgt Ion:	41	Resp:	26358
Ion	Ratio	Lower	Upper
41	100		
39	56.1	48.0	72.0
67	70.7	75.1	112.7
52	31.7	29.8	44.6



#42
1,2-Dichloroethane
Concen: 22.028 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY019987.D
Acq: 23 Oct 2024 12:20

Tgt Ion:	62	Resp:	76560
Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	22.0





#43

Isopropyl Acetate

Concen: 21.407 ug/l

RT: 8.201 min Scan# 1063

Delta R.T. 0.006 min

Lab File: VY019987.D

Acq: 23 Oct 2024 12:20

Instrument :

MSVOA_Y

ClientSampleId :

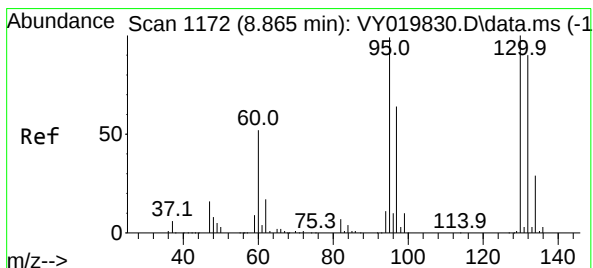
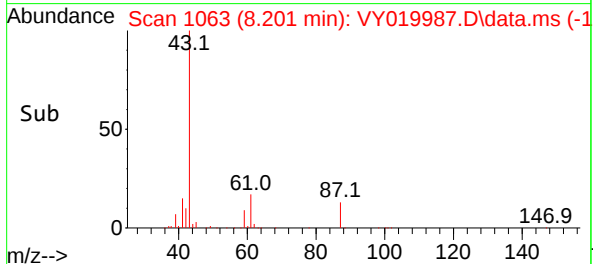
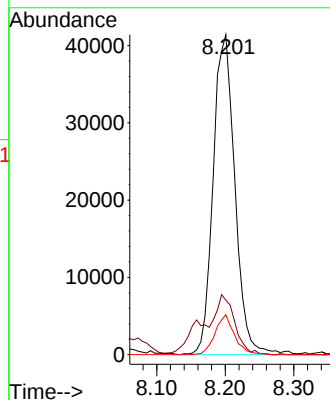
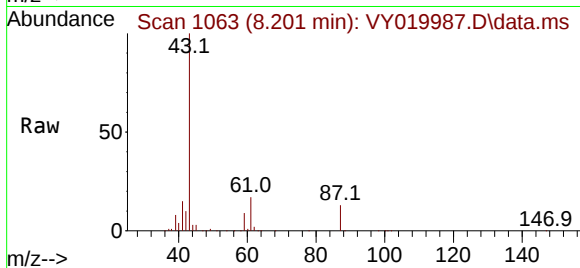
Tgt Ion: 43 Resp: 91000

Ion Ratio Lower Upper

43 100

61 16.9 27.9 41.9#

87 11.2 13.1 19.7#



#44

Trichloroethene

Concen: 19.374 ug/l

RT: 8.865 min Scan# 1172

Delta R.T. 0.000 min

Lab File: VY019987.D

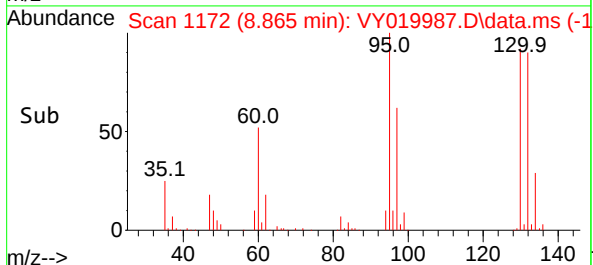
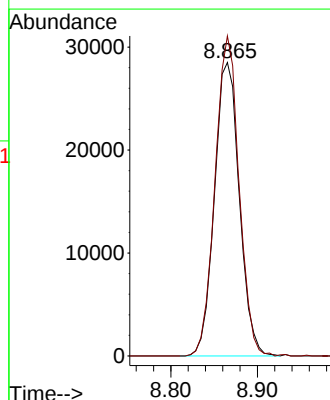
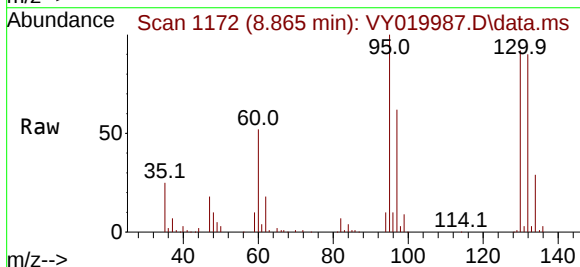
Acq: 23 Oct 2024 12:20

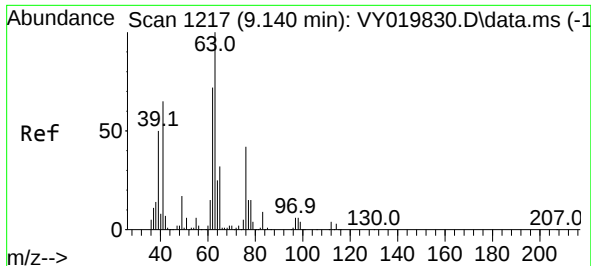
Tgt Ion:130 Resp: 56769

Ion Ratio Lower Upper

130 100

95 109.1 0.0 188.0





#45

1,2-Dichloropropane

Concen: 21.442 ug/l

RT: 9.146 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VY019987.D

Acq: 23 Oct 2024 12:20

Instrument :

MSVOA_Y

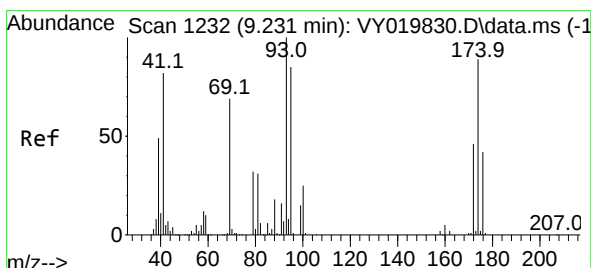
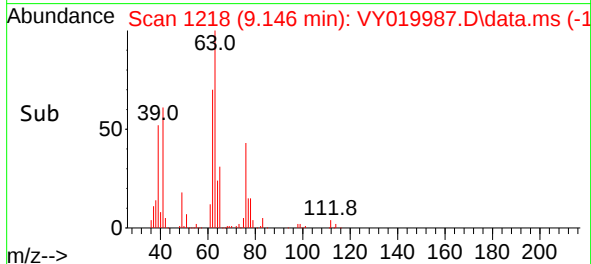
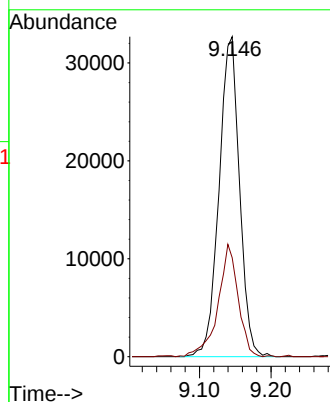
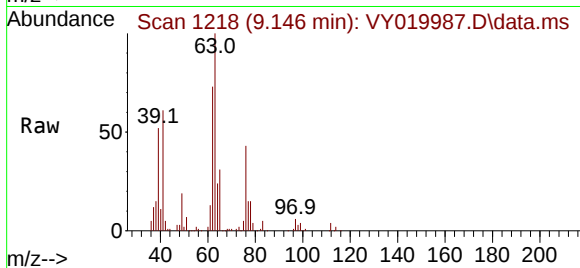
ClientSampleId :

Tgt Ion: 63 Resp: 64928

Ion Ratio Lower Upper

63 100

65 30.9 25.4 38.2



#46

Dibromomethane

Concen: 20.224 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY019987.D

Acq: 23 Oct 2024 12:20

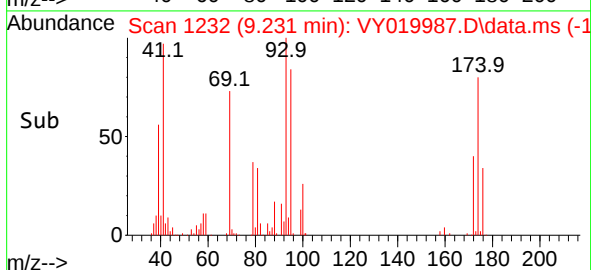
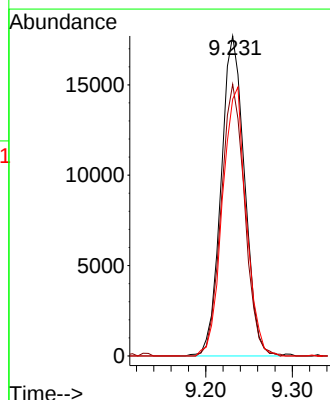
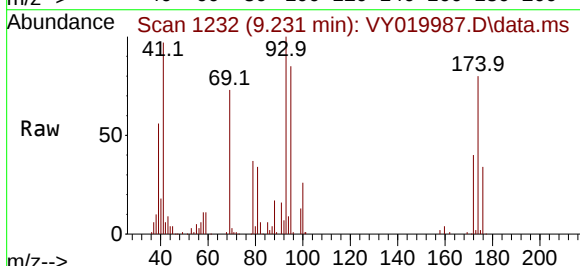
Tgt Ion: 93 Resp: 33459

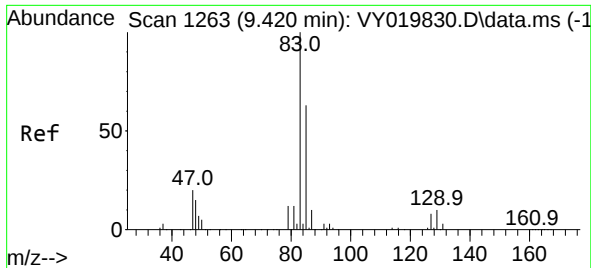
Ion Ratio Lower Upper

93 100

95 84.9 66.2 99.4

174 84.5 80.9 121.3

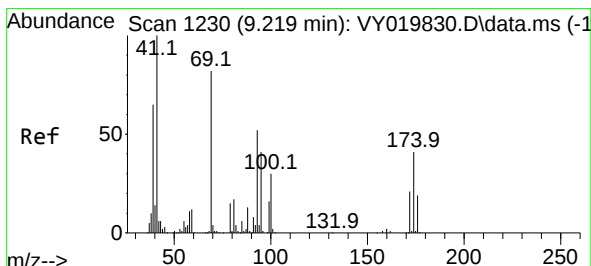
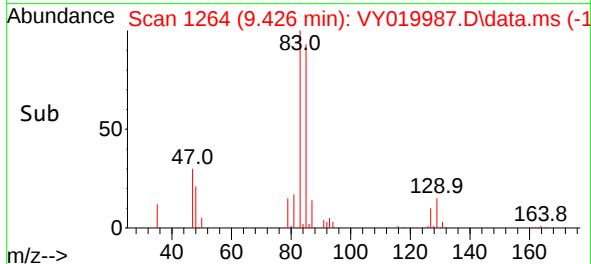
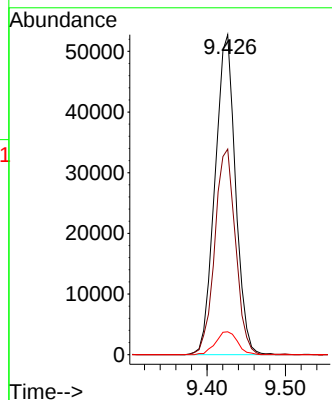
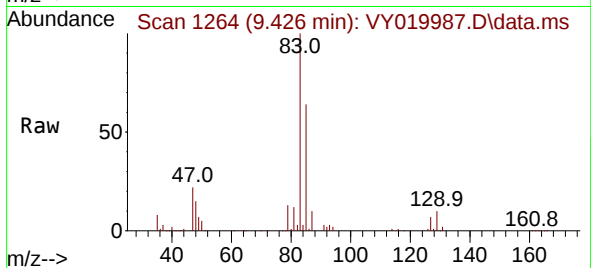




#47
Bromodichloromethane
Concen: 21.827 ug/l
RT: 9.426 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019987.D
Acq: 23 Oct 2024 12:20

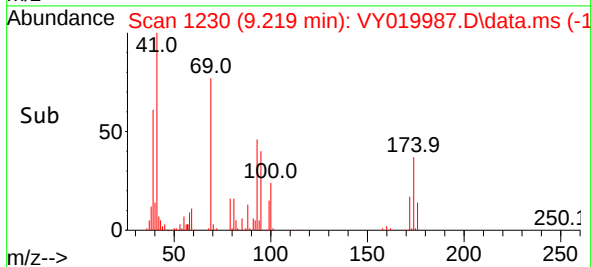
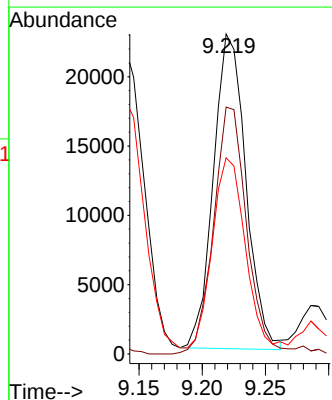
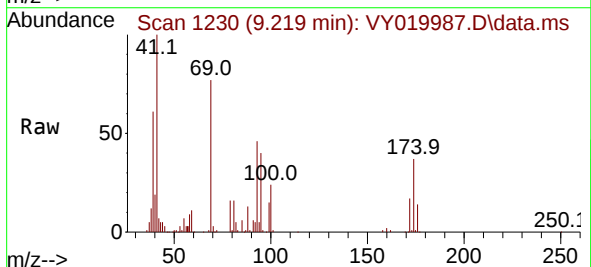
Instrument :
MSVOA_Y
ClientSampleId :

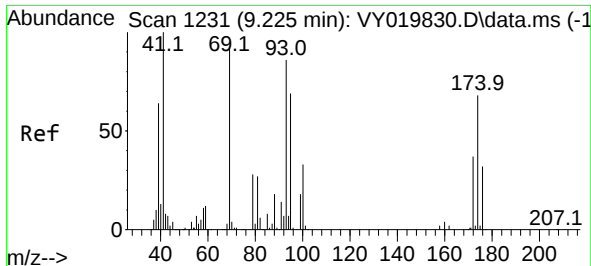
Tgt Ion: 83 Resp: 95849
Ion Ratio Lower Upper
83 100
85 64.3 50.1 75.1
127 7.2 7.4 11.0#



#48
Methyl methacrylate
Concen: 21.684 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY019987.D
Acq: 23 Oct 2024 12:20

Tgt Ion: 41 Resp: 40548
Ion Ratio Lower Upper
41 100
69 79.4 84.1 126.1#
39 64.9 43.6 65.4





#49

1,4-Dioxane

Concen: 447.113 ug/l

RT: 9.225 min Scan# 1

Delta R.T. -0.006 min

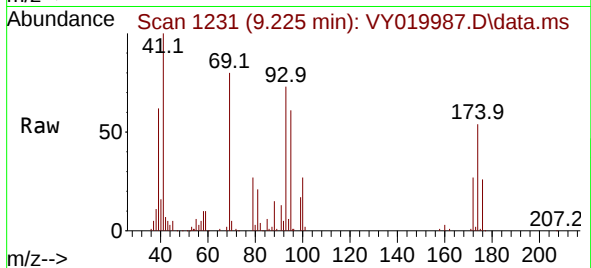
Lab File: VY019987.D

Acq: 23 Oct 2024 12:20

Instrument :

MSVOA_Y

ClientSampleId :



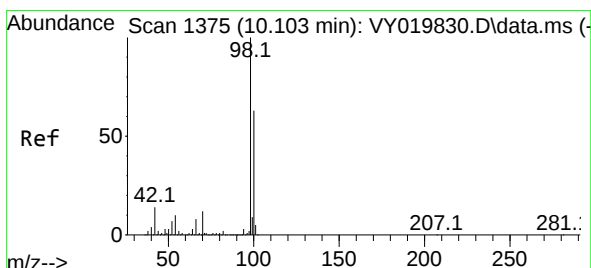
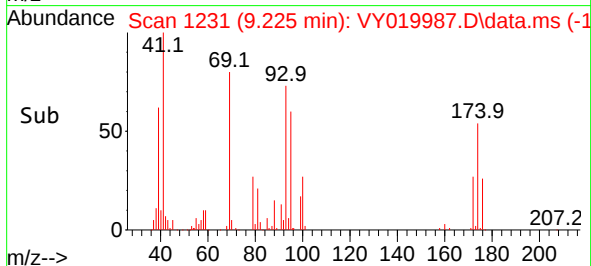
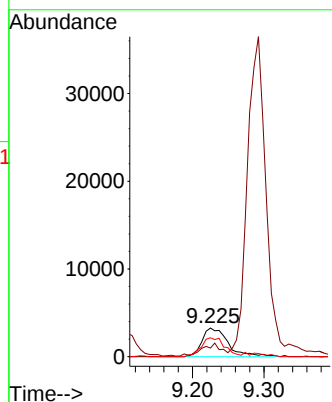
Tgt Ion: 88 Resp: 8279

Ion Ratio Lower Upper

88 100

43 31.7 0.0 0.0#

58 60.2 49.3 73.9



#50

Toluene-d8

Concen: 54.614 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY019987.D

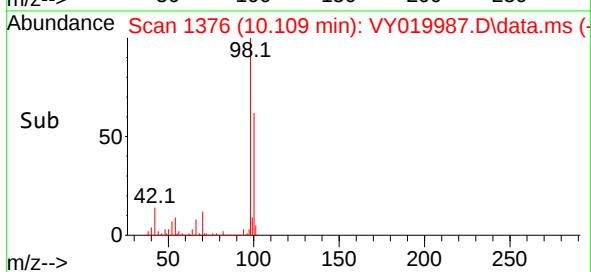
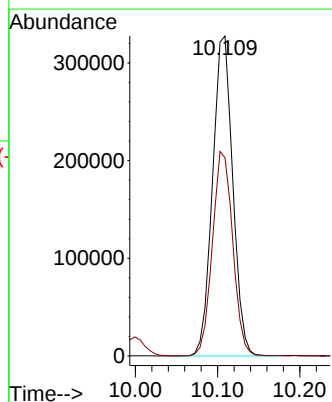
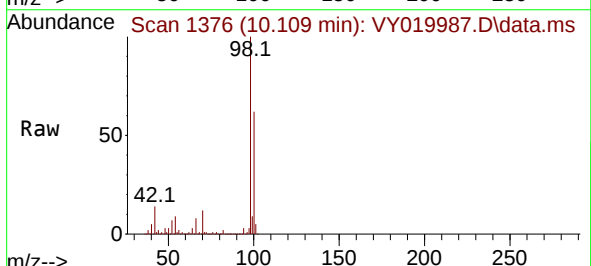
Acq: 23 Oct 2024 12:20

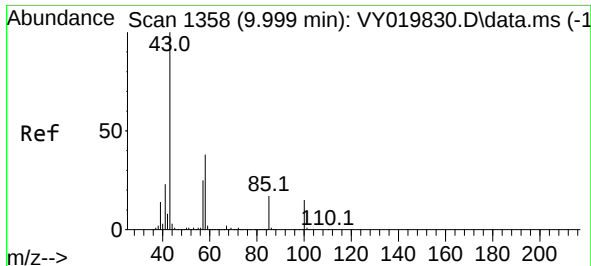
Tgt Ion: 98 Resp: 559606

Ion Ratio Lower Upper

98 100

100 64.3 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 112.004 ug/l

RT: 9.999 min Scan# 1358

Delta R.T. 0.000 min

Lab File: VY019987.D

Acq: 23 Oct 2024 12:20

Instrument :

MSVOA_Y

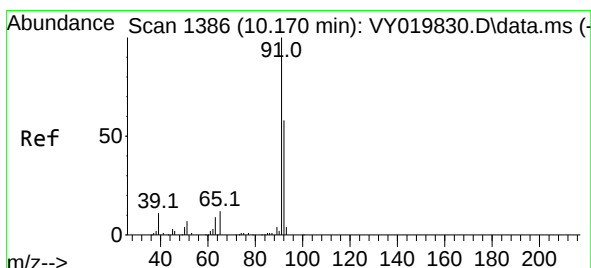
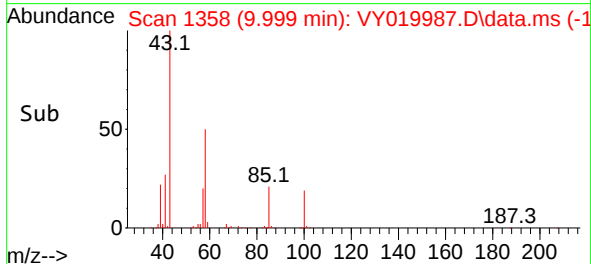
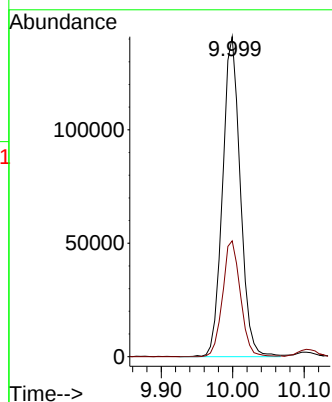
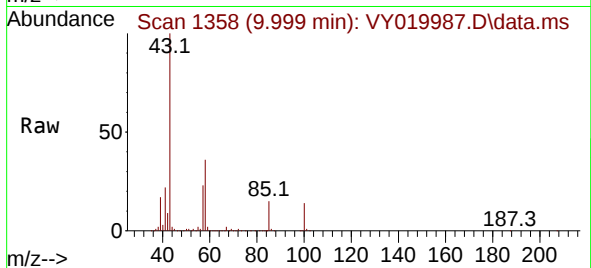
ClientSampleId :

Tgt Ion: 43 Resp: 242857

Ion Ratio Lower Upper

43 100

58 36.4 35.7 53.5



#52

Toluene

Concen: 20.388 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VY019987.D

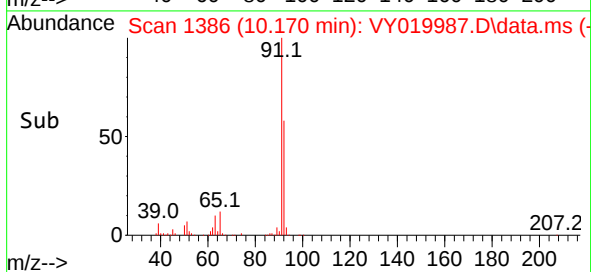
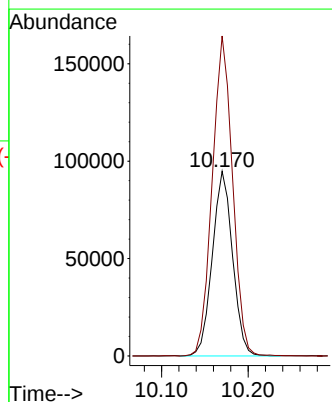
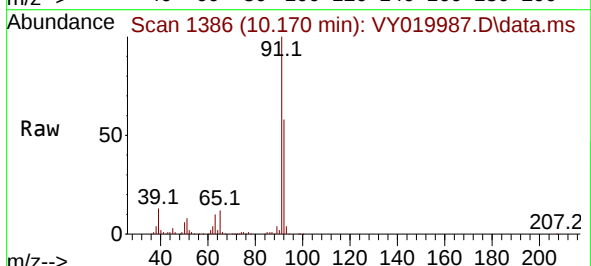
Acq: 23 Oct 2024 12:20

Tgt Ion: 92 Resp: 153964

Ion Ratio Lower Upper

92 100

91 174.1 139.0 208.6

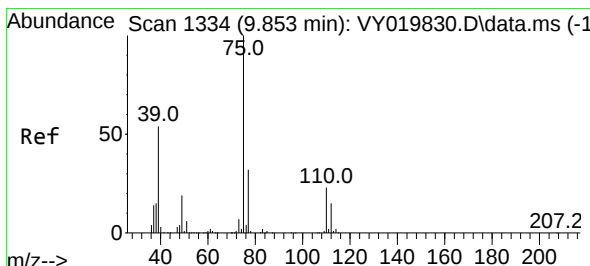
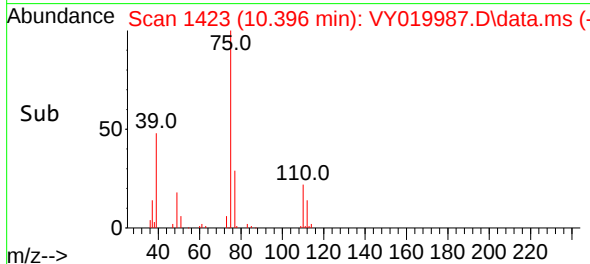
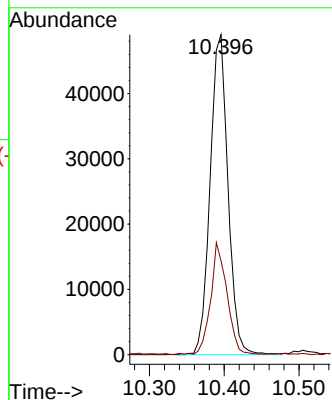
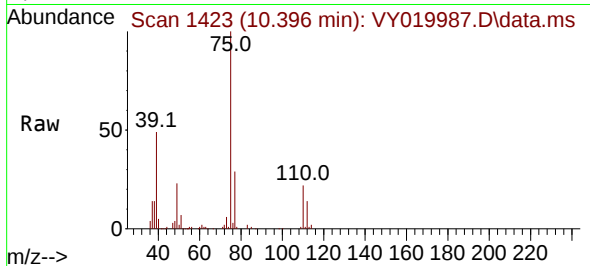




#53
 t-1,3-Dichloropropene
 Concen: 20.629 ug/l
 RT: 10.396 min Scan# 1422
 Delta R.T. 0.000 min
 Lab File: VY019987.D
 Acq: 23 Oct 2024 12:20

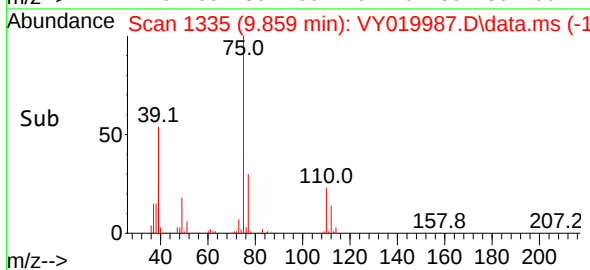
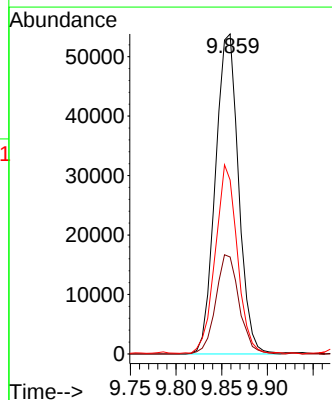
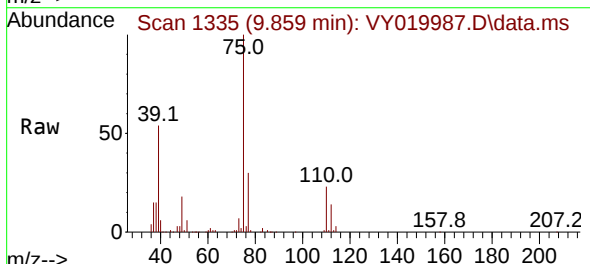
Instrument :
 MSVOA_Y
 ClientSampleId :

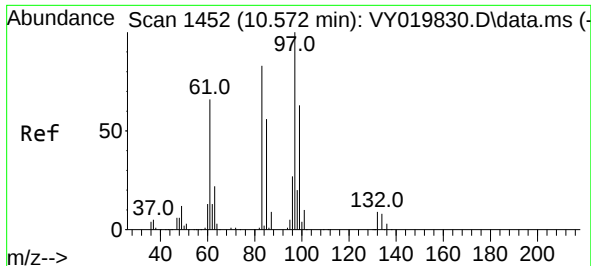
Tgt Ion: 75 Resp: 81507
 Ion Ratio Lower Upper
 75 100
 77 29.0 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 20.400 ug/l
 RT: 9.859 min Scan# 1335
 Delta R.T. 0.000 min
 Lab File: VY019987.D
 Acq: 23 Oct 2024 12:20

Tgt Ion: 75 Resp: 95106
 Ion Ratio Lower Upper
 75 100
 77 30.3 25.4 38.0
 39 54.1 29.8 44.6#

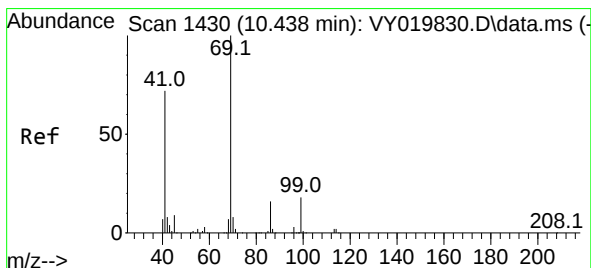
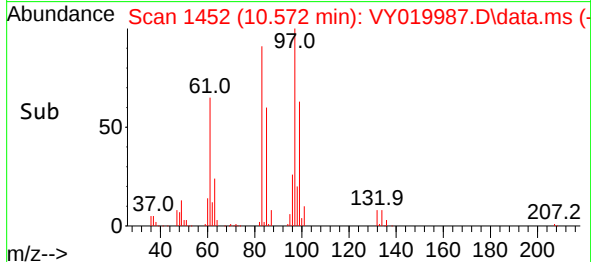
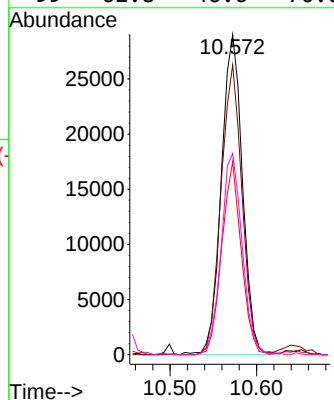
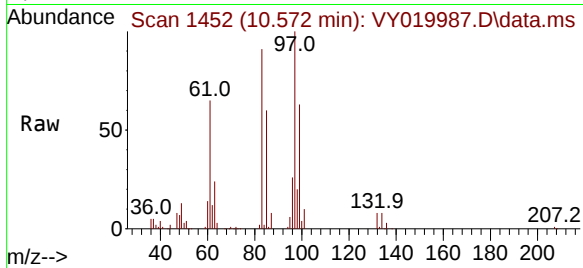




#55
 1,1,2-Trichloroethane
 Concen: 22.536 ug/l
 RT: 10.572 min Scan# 1452
 Delta R.T. 0.000 min
 Lab File: VY019987.D
 Acq: 23 Oct 2024 12:20

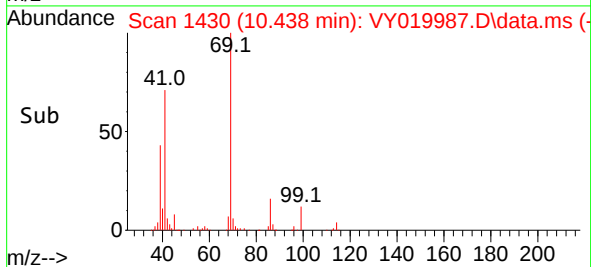
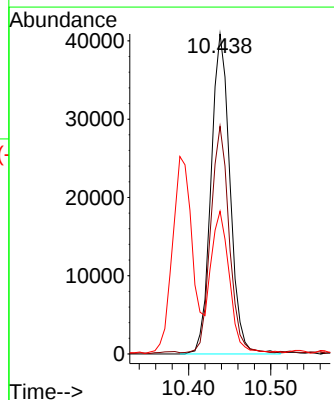
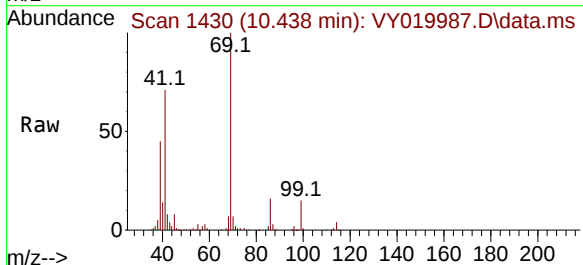
Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion:	97	Resp:	49121
Ion	Ratio	Lower	Upper
97	100		
83	90.6	67.5	101.3
85	60.3	42.9	64.3
99	62.8	46.6	70.0



#56
 Ethyl methacrylate
 Concen: 20.986 ug/l
 RT: 10.438 min Scan# 1430
 Delta R.T. 0.000 min
 Lab File: VY019987.D
 Acq: 23 Oct 2024 12:20

Tgt Ion:	69	Resp:	65637
Ion	Ratio	Lower	Upper
69	100		
41	68.6	42.3	63.5#
39	41.9	22.9	34.3#





#57

1,3-Dichloropropane

Concen: 21.826 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VY019987.D

Acq: 23 Oct 2024 12:20

Instrument :

MSVOA_Y

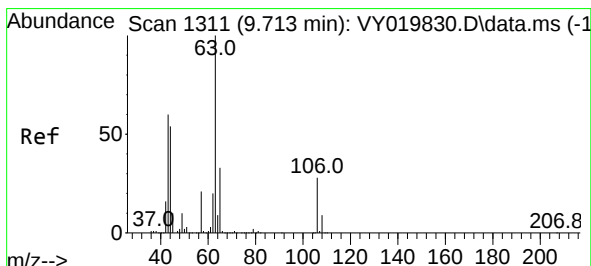
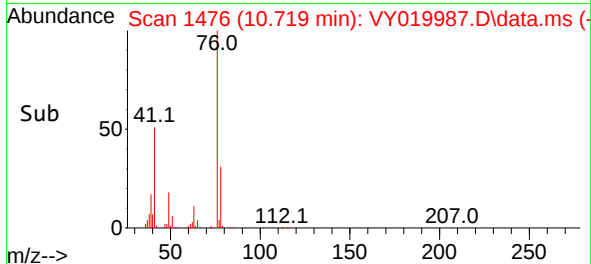
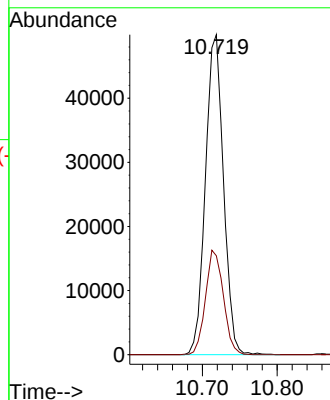
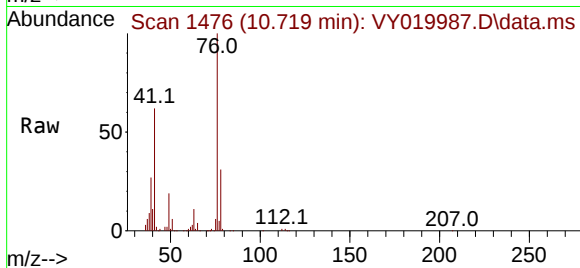
ClientSampleId :

Tgt Ion: 76 Resp: 83548

Ion Ratio Lower Upper

76 100

78 32.4 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 106.233 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY019987.D

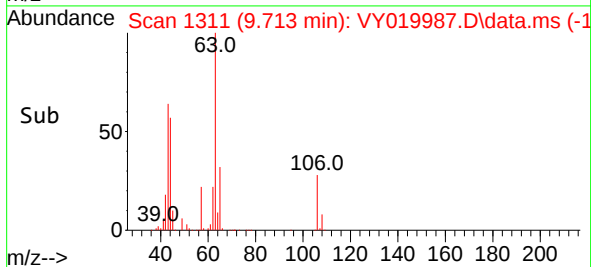
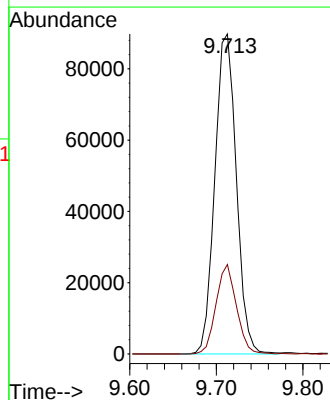
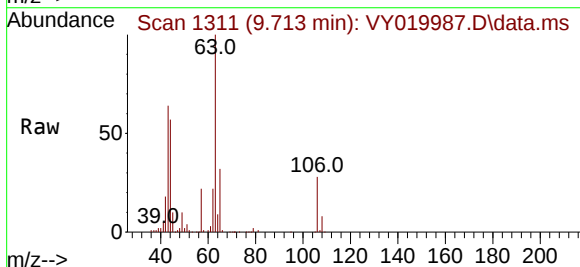
Acq: 23 Oct 2024 12:20

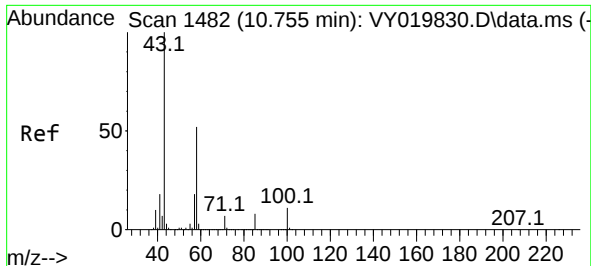
Tgt Ion: 63 Resp: 154676

Ion Ratio Lower Upper

63 100

106 26.6 23.7 35.5

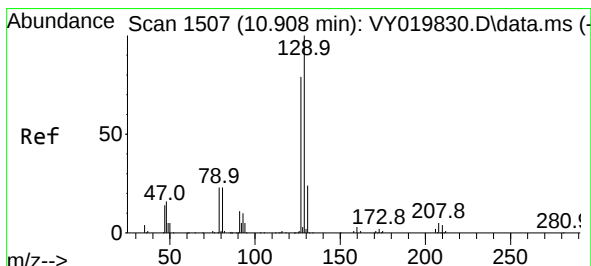
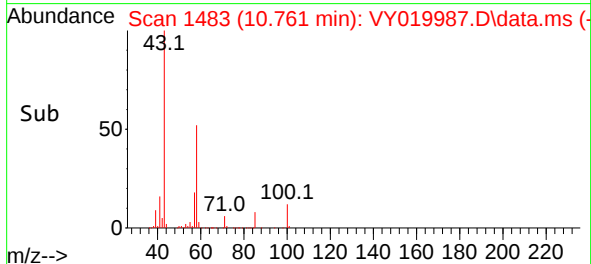
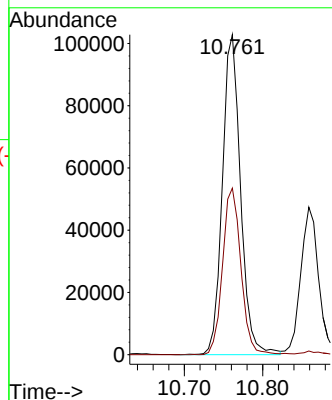
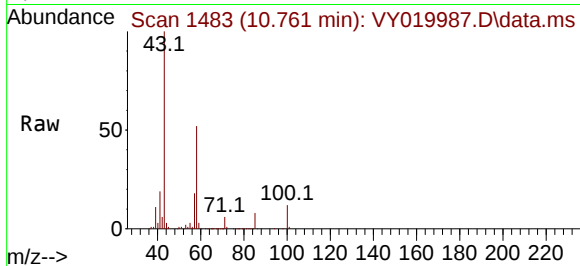




#59
2-Hexanone
Concen: 107.214 ug/l
RT: 10.761 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY019987.D
Acq: 23 Oct 2024 12:20

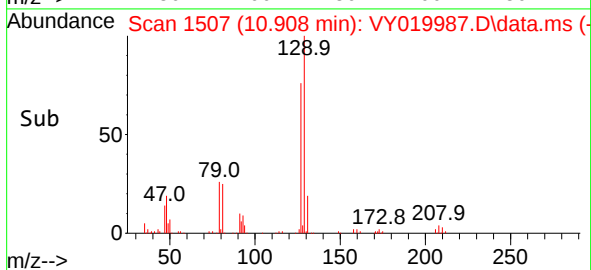
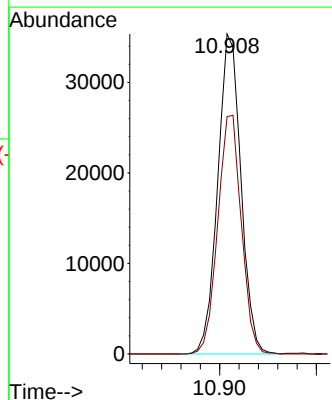
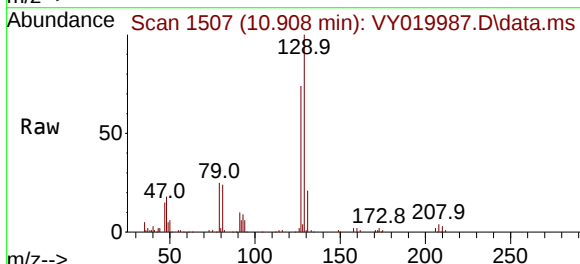
Instrument :
MSVOA_Y
ClientSampleId :

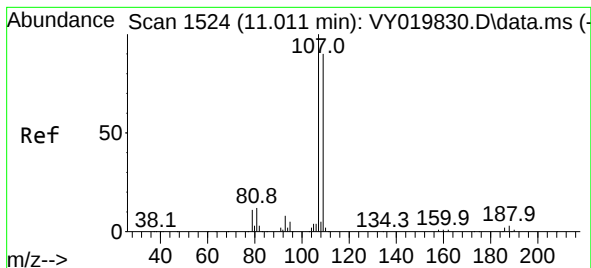
Tgt Ion: 43 Resp: 166037
Ion Ratio Lower Upper
43 100
58 52.4 31.4 94.0



#60
Dibromochloromethane
Concen: 21.027 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.006 min
Lab File: VY019987.D
Acq: 23 Oct 2024 12:20

Tgt Ion: 129 Resp: 58828
Ion Ratio Lower Upper
129 100
127 75.7 39.0 117.0

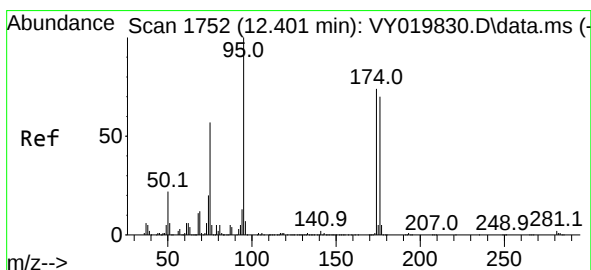
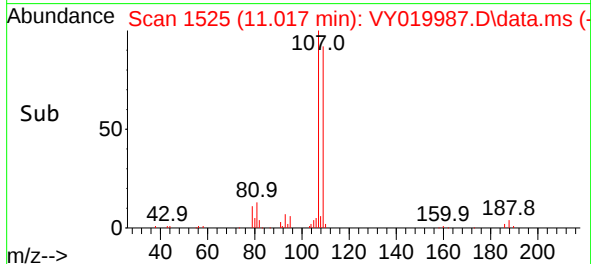
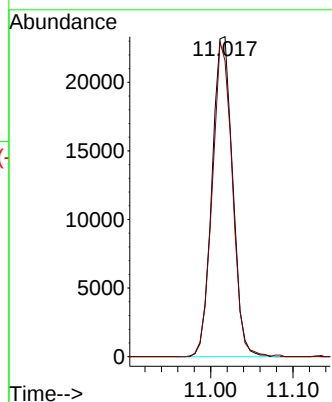
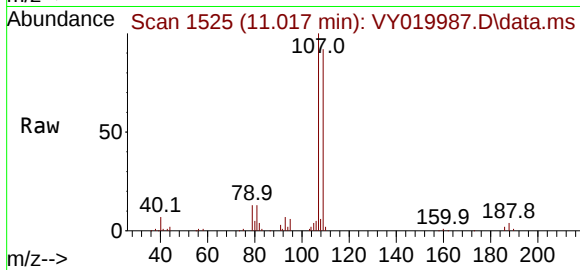




#61
1,2-Dibromoethane
Concen: 20.599 ug/l
RT: 11.017 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019987.D
Acq: 23 Oct 2024 12:20

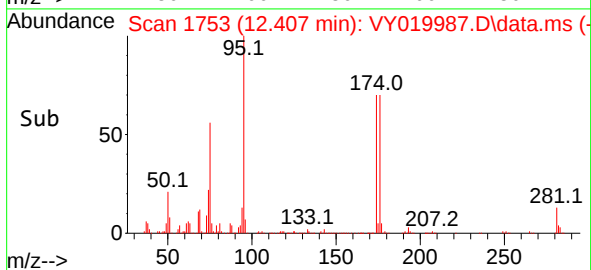
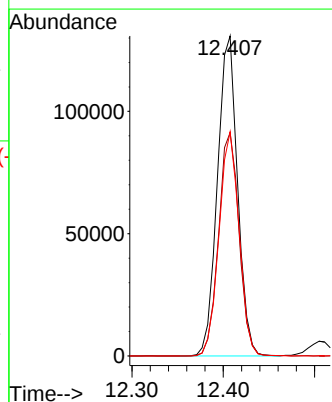
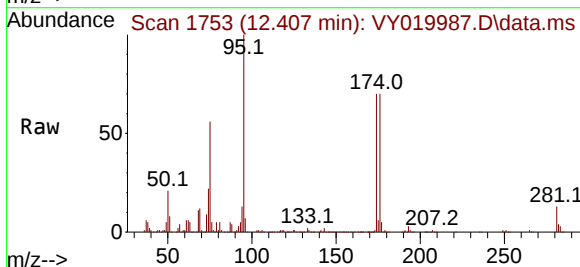
Instrument :
MSVOA_Y
ClientSampleId :

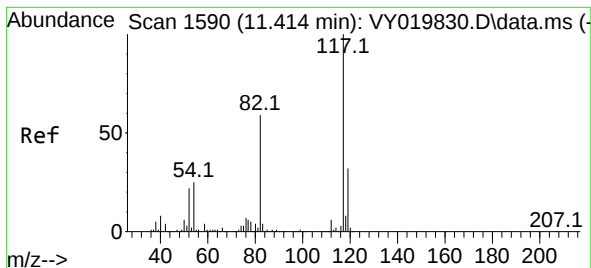
Tgt Ion:107 Resp: 40573
Ion Ratio Lower Upper
107 100
109 95.5 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 54.092 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY019987.D
Acq: 23 Oct 2024 12:20

Tgt Ion: 95 Resp: 200269
Ion Ratio Lower Upper
95 100
174 71.0 0.0 175.6
176 69.8 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

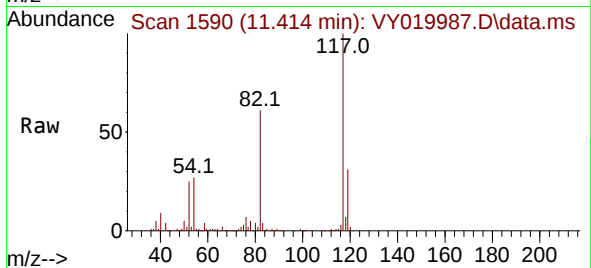
Lab File: VY019987.D

Acq: 23 Oct 2024 12:20

Instrument :

MSVOA_Y

ClientSampleId :



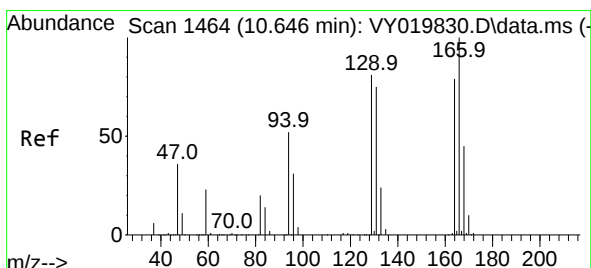
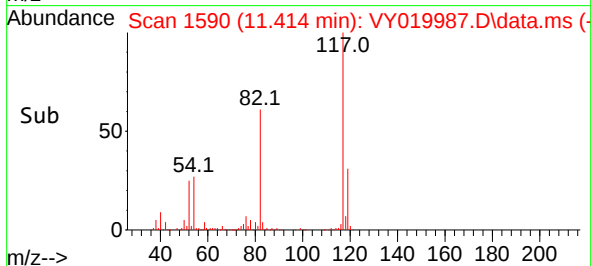
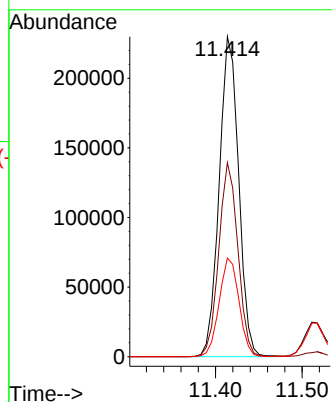
Tgt Ion:117 Resp: 359220

Ion Ratio Lower Upper

117 100

82 60.7 42.4 63.6

119 30.8 25.9 38.9



#64

Tetrachloroethene

Concen: 18.384 ug/l

RT: 10.645 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VY019987.D

Acq: 23 Oct 2024 12:20

Tgt Ion:164 Resp: 46973

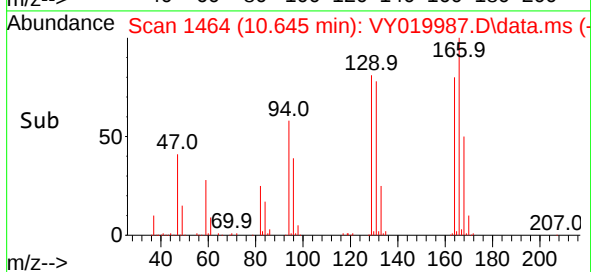
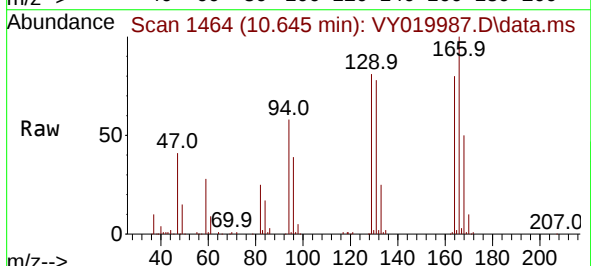
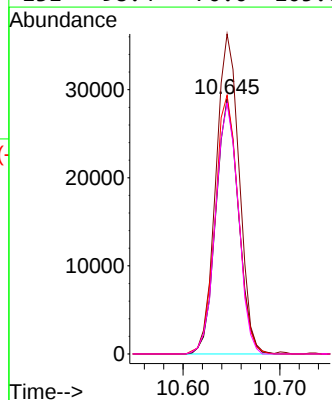
Ion Ratio Lower Upper

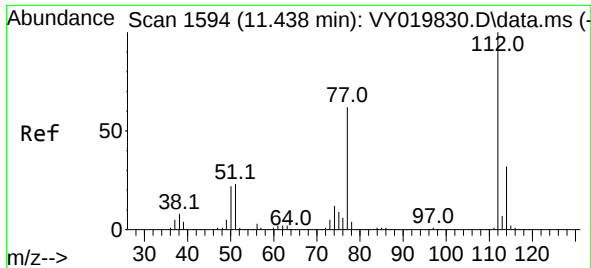
164 100

166 125.5 102.6 154.0

129 101.5 72.0 108.0

131 98.4 70.0 105.0

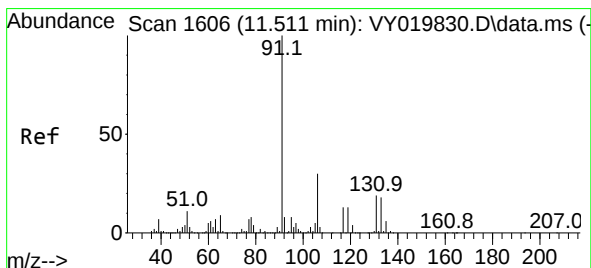
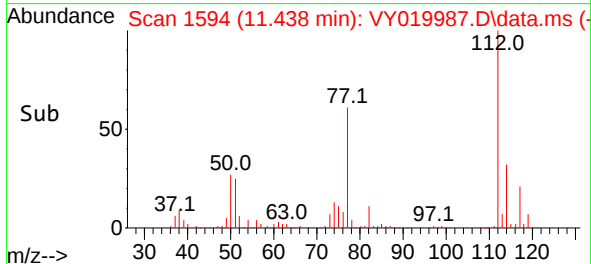
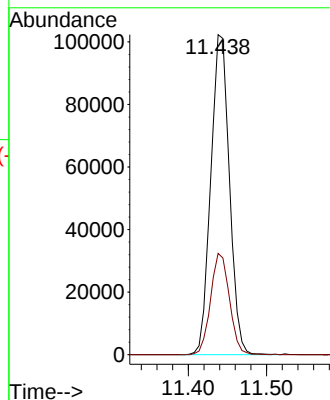
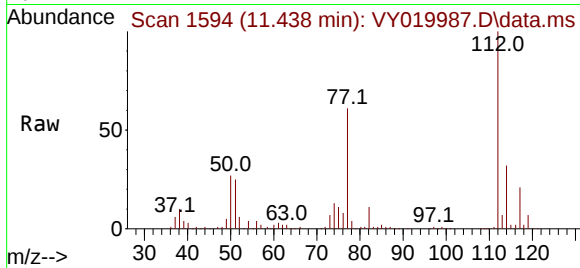




#65
Chlorobenzene
Concen: 20.571 ug/l
RT: 11.438 min Scan# 111
Delta R.T. -0.006 min
Lab File: VY019987.D
Acq: 23 Oct 2024 12:20

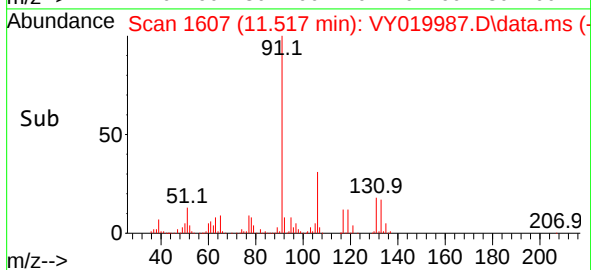
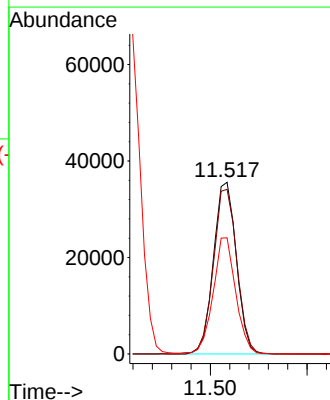
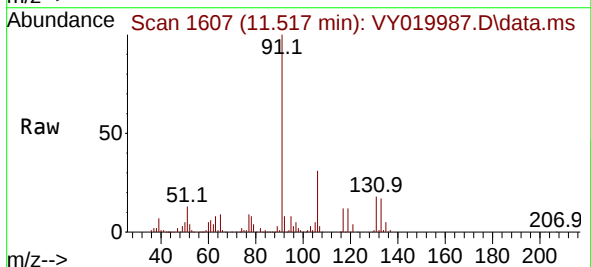
Instrument :
MSVOA_Y
ClientSampleId :

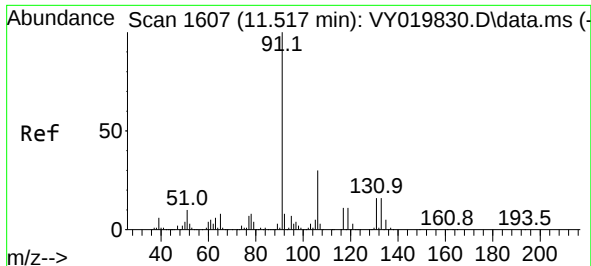
Tgt Ion:112 Resp: 169018
Ion Ratio Lower Upper
112 100
114 31.7 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 21.008 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY019987.D
Acq: 23 Oct 2024 12:20

Tgt Ion:131 Resp: 58398
Ion Ratio Lower Upper
131 100
133 98.6 47.8 143.3
119 67.1 34.1 102.2

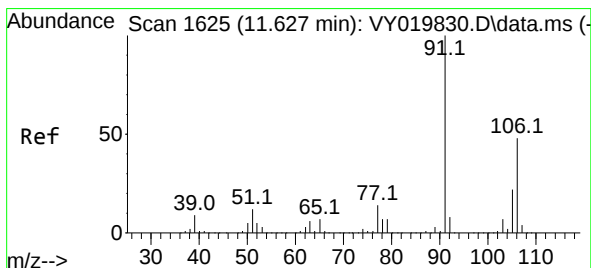
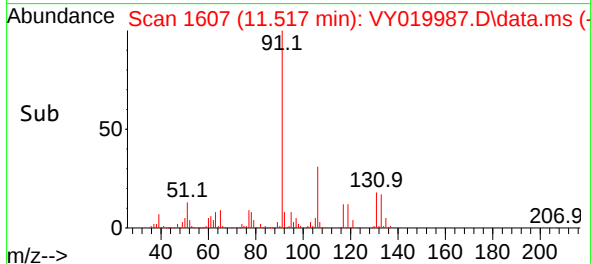
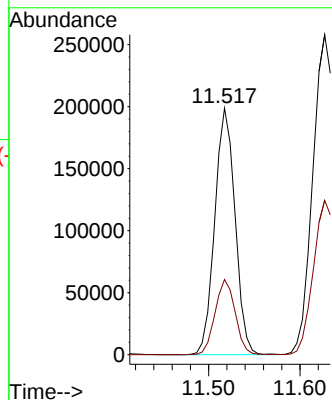
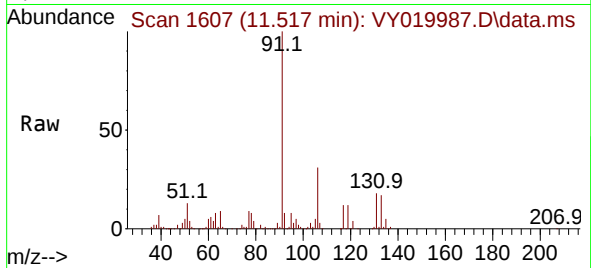




#67
Ethyl Benzene
Concen: 20.536 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.006 min
Lab File: VY019987.D
Acq: 23 Oct 2024 12:20

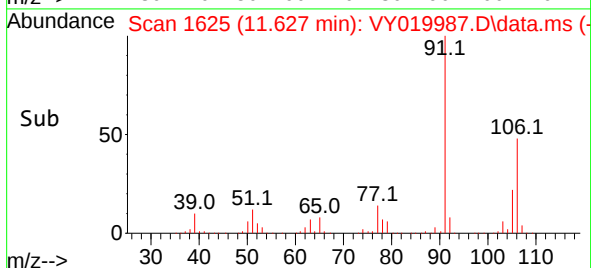
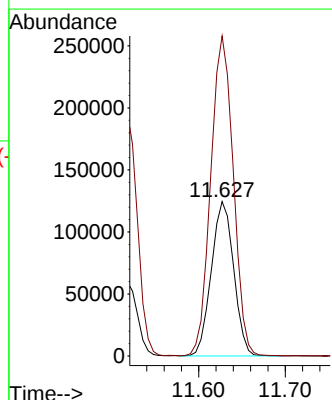
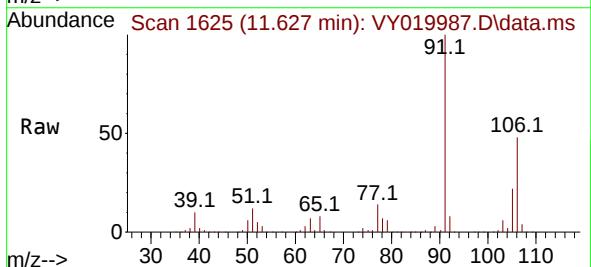
Instrument :
MSVOA_Y
ClientSampleId :

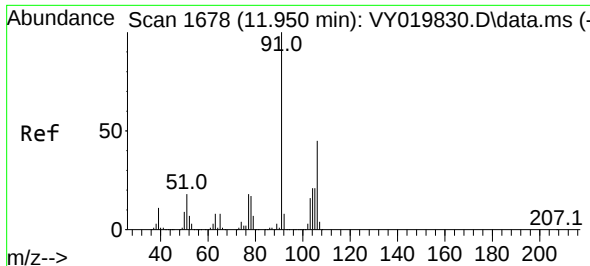
Tgt Ion: 91 Resp: 306508
Ion Ratio Lower Upper
91 100
106 30.5 24.5 36.7



#68
m/p-Xylenes
Concen: 40.548 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.006 min
Lab File: VY019987.D
Acq: 23 Oct 2024 12:20

Tgt Ion:106 Resp: 223509
Ion Ratio Lower Upper
106 100
91 208.9 156.0 234.0

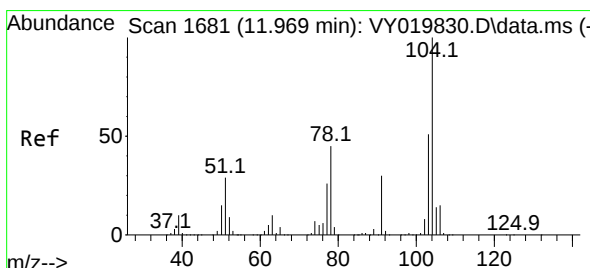
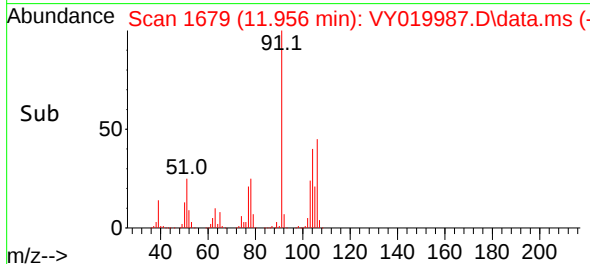
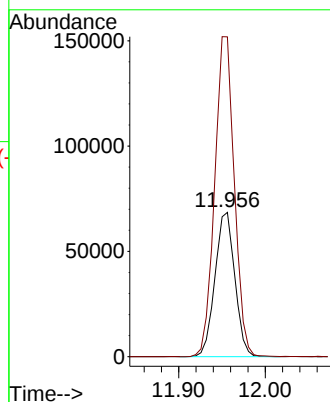
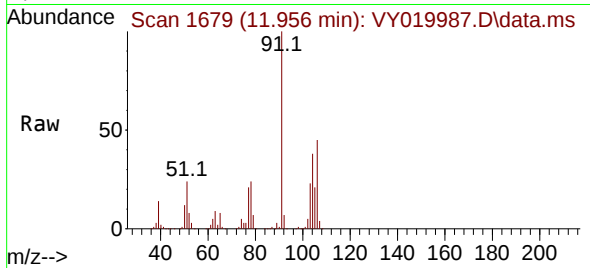




#69
o-Xylene
Concen: 20.594 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VY019987.D
Acq: 23 Oct 2024 12:20

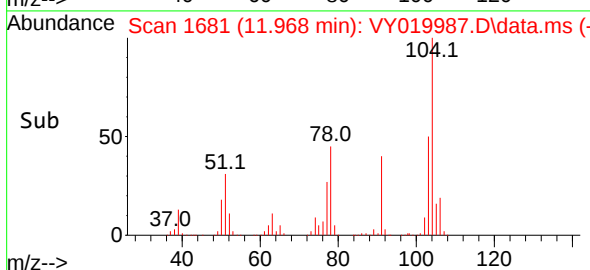
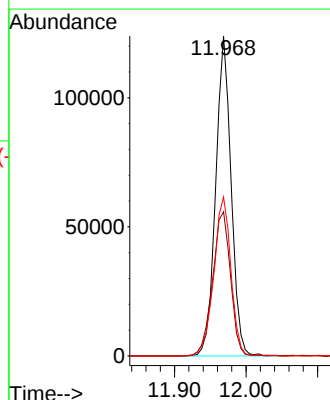
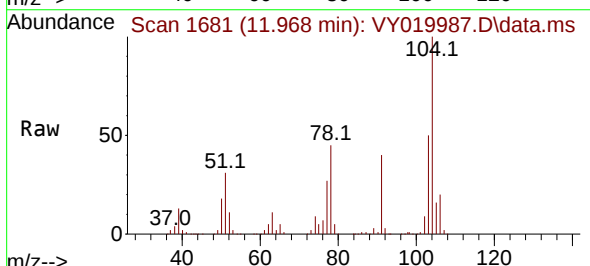
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:106 Resp: 109070
Ion Ratio Lower Upper
106 100
91 219.9 103.6 310.8



#70
Styrene
Concen: 20.800 ug/l
RT: 11.968 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY019987.D
Acq: 23 Oct 2024 12:20

Tgt Ion:104 Resp: 185851
Ion Ratio Lower Upper
104 100
78 52.3 37.0 55.4
103 55.1 44.2 66.2





#71

Bromoform

Concen: 20.379 ug/l

RT: 12.127 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY019987.D

Acq: 23 Oct 2024 12:20

Instrument :

MSVOA_Y

ClientSampleId :

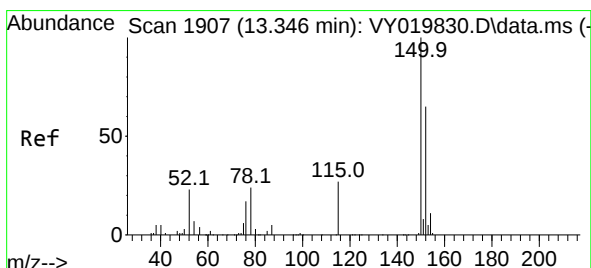
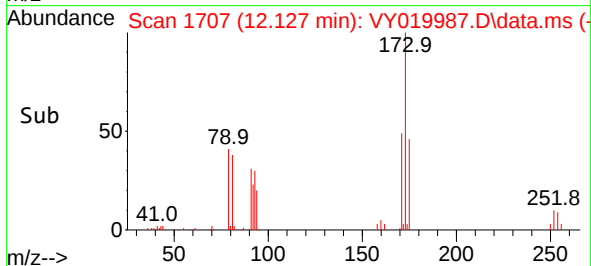
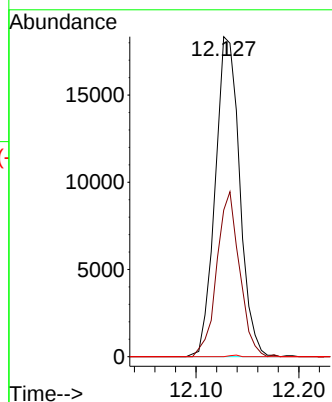
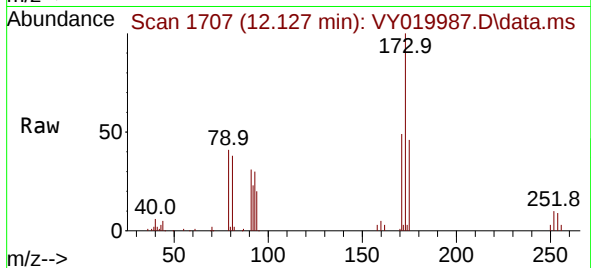
Tgt Ion:173 Resp: 30326

Ion Ratio Lower Upper

173 100

175 47.9 25.1 75.3

254 0.2 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY019987.D

Acq: 23 Oct 2024 12:20

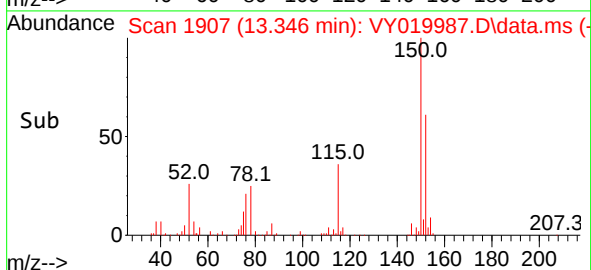
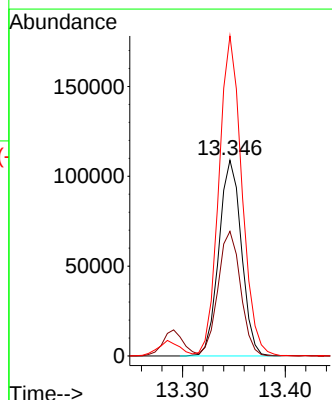
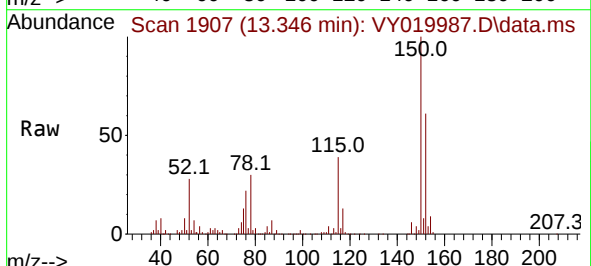
Tgt Ion:152 Resp: 165743

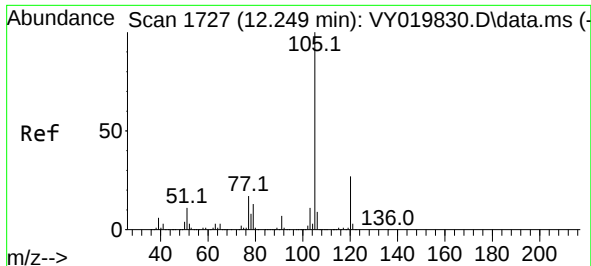
Ion Ratio Lower Upper

152 100

115 64.0 28.2 84.7

150 166.8 0.0 345.6

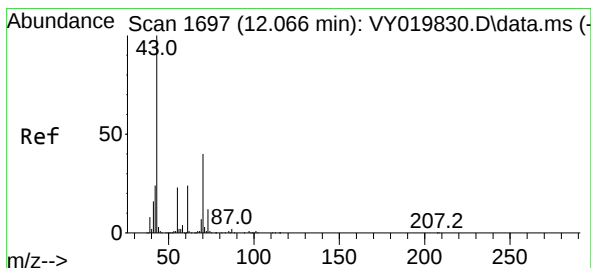
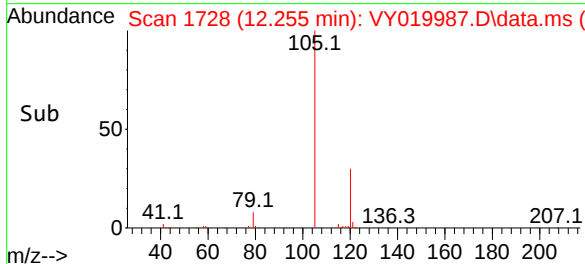
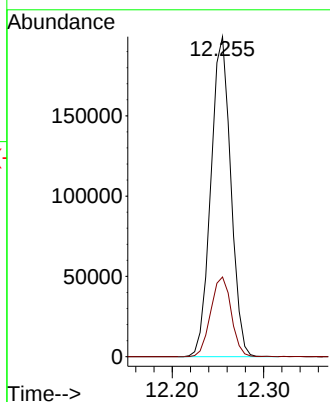
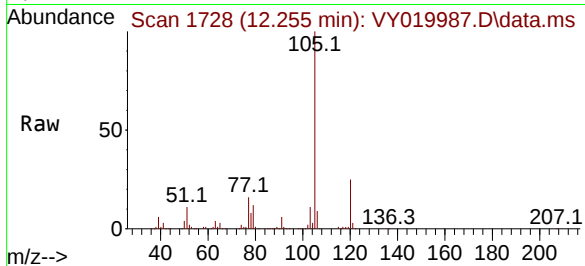




#73
Isopropylbenzene
Concen: 21.625 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. 0.000 min
Lab File: VY019987.D
Acq: 23 Oct 2024 12:20

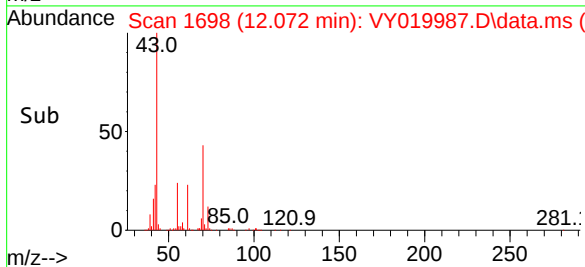
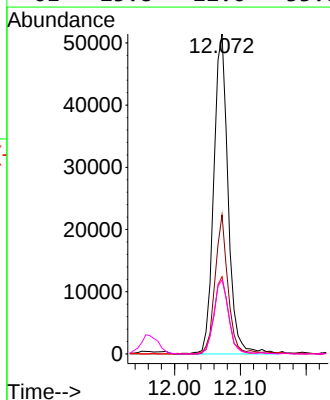
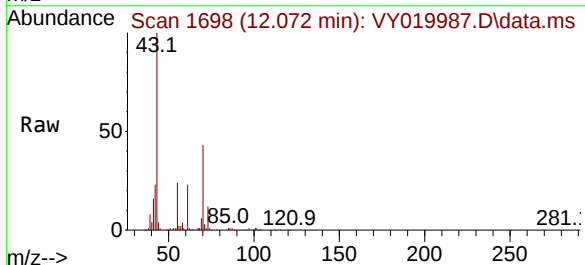
Instrument :
MSVOA_Y
ClientSampleId :

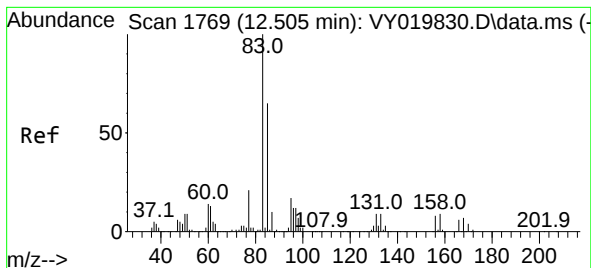
Tgt Ion:105 Resp: 301471
Ion Ratio Lower Upper
105 100
120 25.6 13.4 40.1



#74
N-ethyl acetate
Concen: 21.196 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY019987.D
Acq: 23 Oct 2024 12:20

Tgt Ion: 43 Resp: 78264
Ion Ratio Lower Upper
43 100
70 39.7 41.4 62.2#
55 24.1 23.3 34.9
61 23.8 22.6 33.8

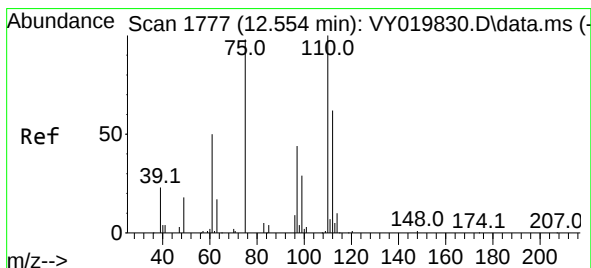
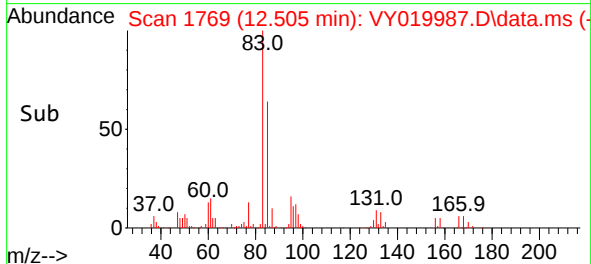
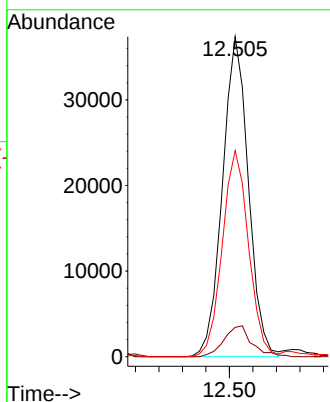
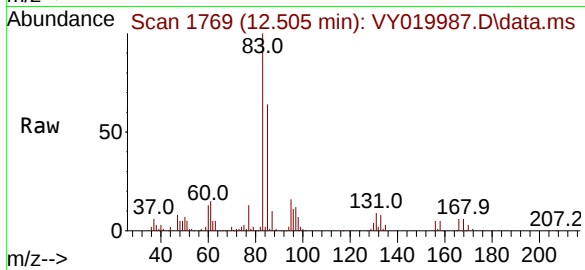




#75
1,1,2,2-Tetrachloroethane
Concen: 23.099 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. -0.006 min
Lab File: VY019987.D
Acq: 23 Oct 2024 12:20

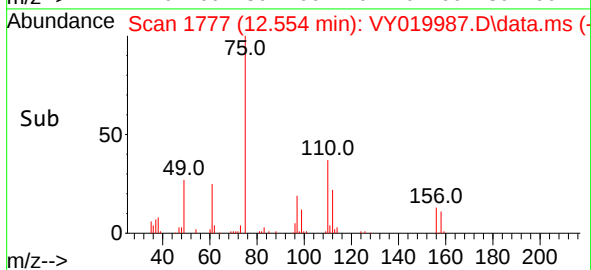
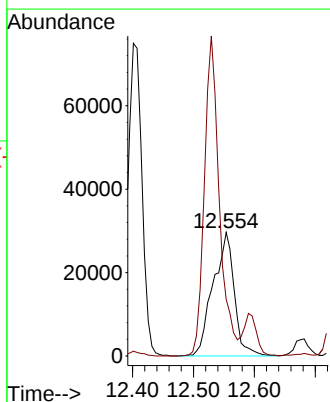
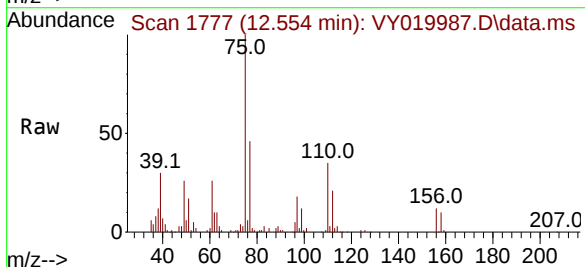
Instrument :
MSVOA_Y
ClientSampleId :

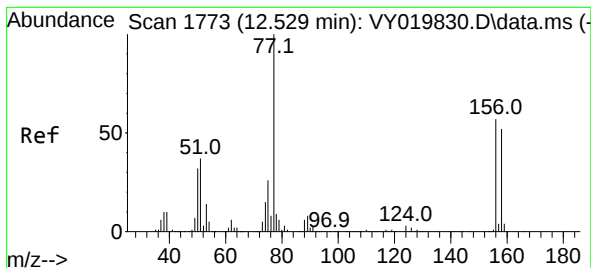
Tgt Ion: 83 Resp: 57221
Ion Ratio Lower Upper
83 100
131 10.3 5.0 14.9
85 65.2 32.0 96.0



#76
1,2,3-Trichloropropane
Concen: 22.036 ug/l
RT: 12.554 min Scan# 1777
Delta R.T. -0.006 min
Lab File: VY019987.D
Acq: 23 Oct 2024 12:20

Tgt Ion: 75 Resp: 71550
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.561 ug/l

RT: 12.529 min Scan# 1773

Delta R.T. -0.006 min

Lab File: VY019987.D

Acq: 23 Oct 2024 12:20

Instrument :

MSVOA_Y

ClientSampleId :

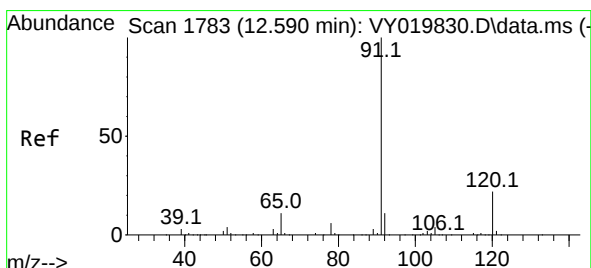
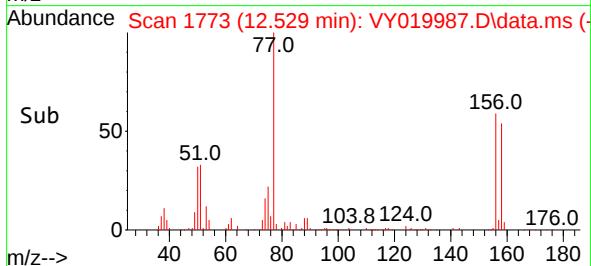
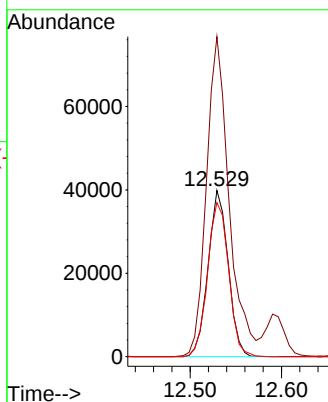
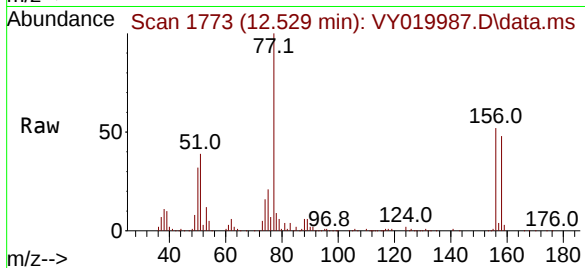
Tgt Ion:156 Resp: 60828

Ion Ratio Lower Upper

156 100

77 216.1 87.1 261.3

158 97.2 48.6 145.9



#78

n-propylbenzene

Concen: 21.772 ug/l

RT: 12.596 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY019987.D

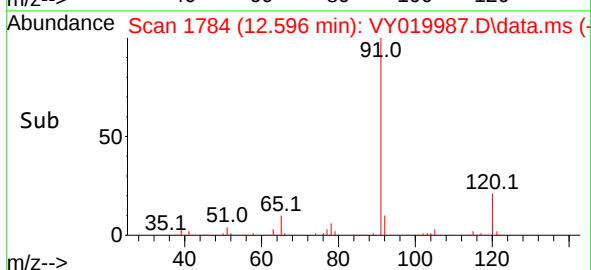
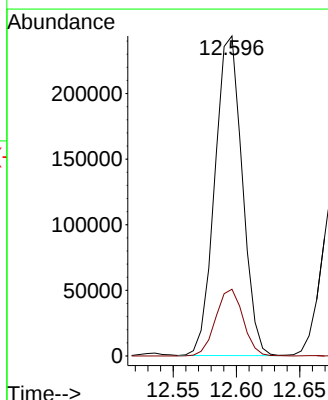
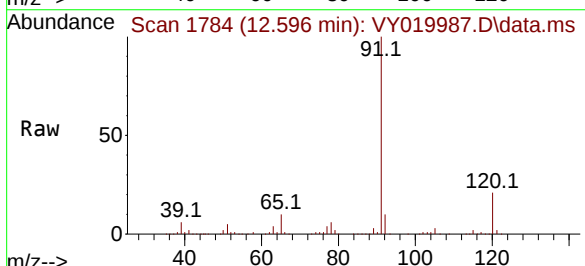
Acq: 23 Oct 2024 12:20

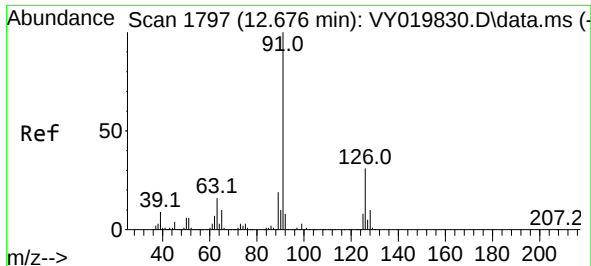
Tgt Ion: 91 Resp: 366758

Ion Ratio Lower Upper

91 100

120 20.9 11.5 34.4

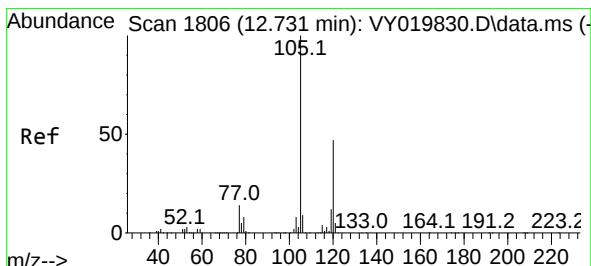
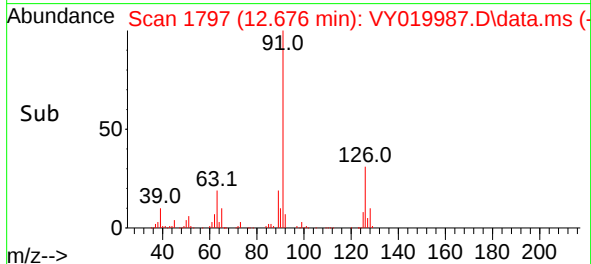
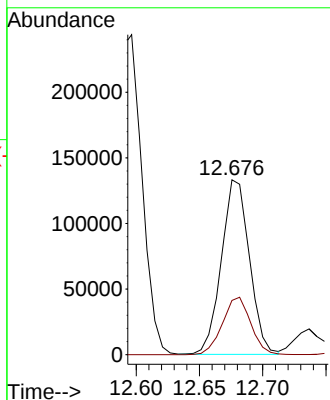
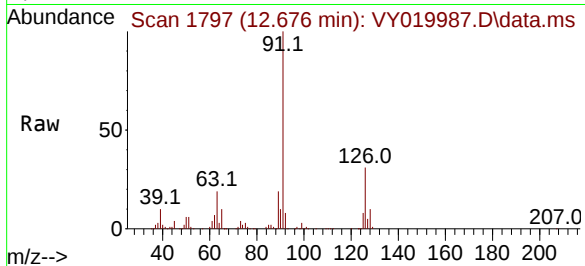




#79
2-Chlorotoluene
Concen: 21.277 ug/l
RT: 12.676 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019987.D
Acq: 23 Oct 2024 12:20

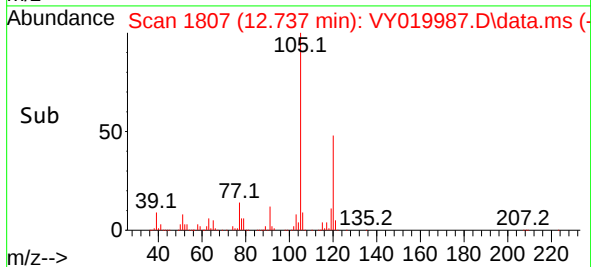
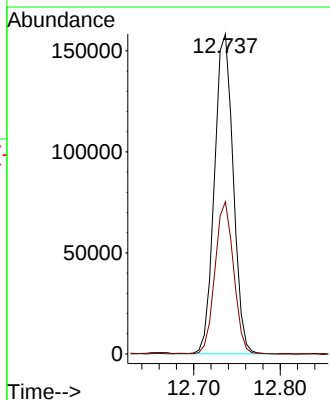
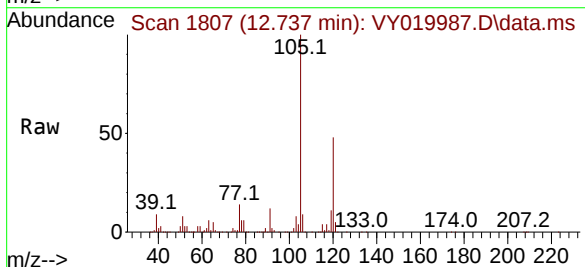
Instrument :
MSVOA_Y
ClientSampleId :

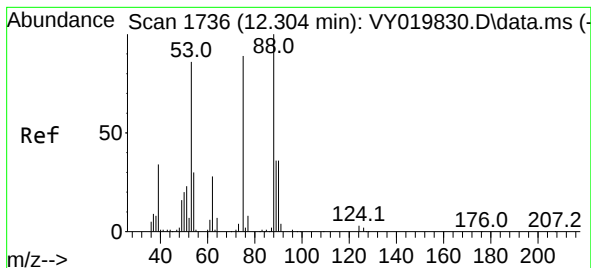
Tgt Ion: 91 Resp: 205485
Ion Ratio Lower Upper
91 100
126 33.3 17.8 53.5



#80
1,3,5-Trimethylbenzene
Concen: 21.151 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY019987.D
Acq: 23 Oct 2024 12:20

Tgt Ion:105 Resp: 238134
Ion Ratio Lower Upper
105 100
120 47.4 25.1 75.2

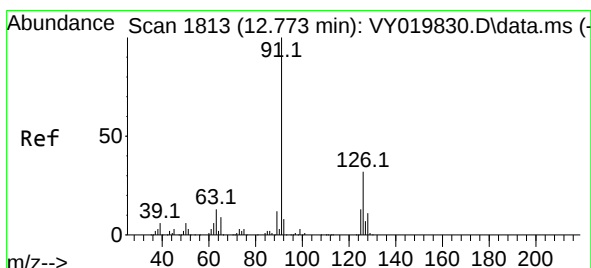
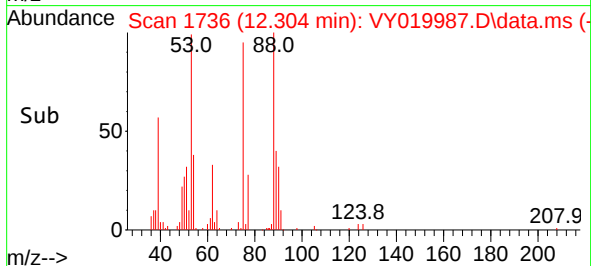
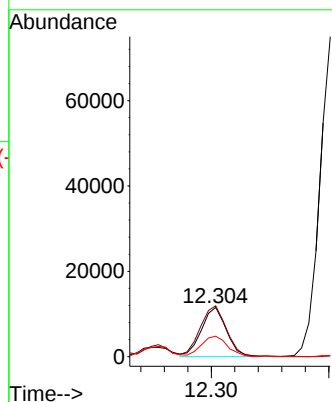
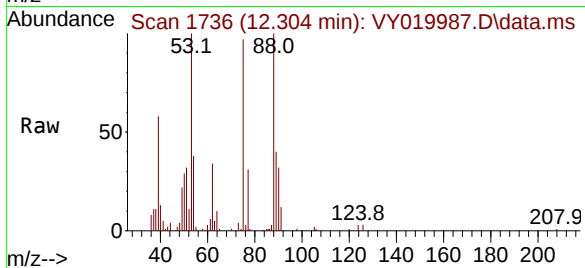




#81
trans-1,4-Dichloro-2-butene
Concen: 20.848 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY019987.D
Acq: 23 Oct 2024 12:20

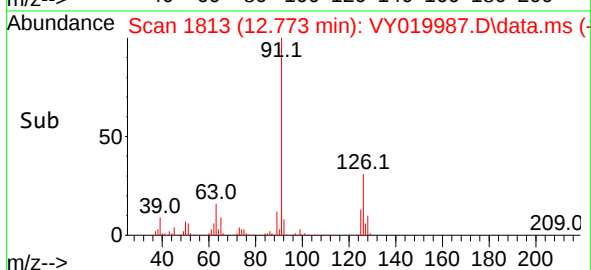
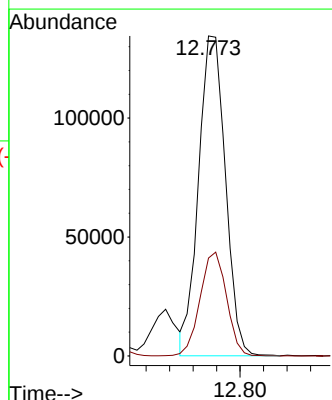
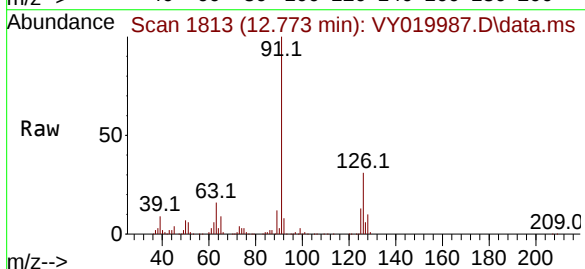
Instrument :
MSVOA_Y
ClientSampleId :

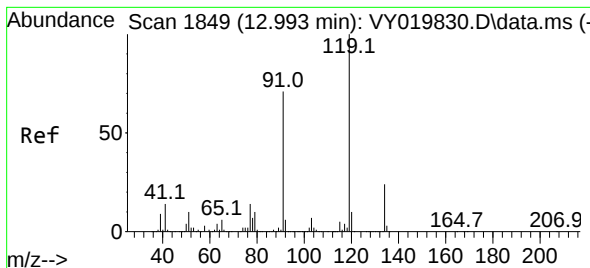
Tgt Ion: 75 Resp: 16770
Ion Ratio Lower Upper
75 100
53 111.3 66.8 100.2#
89 43.8 35.8 53.6



#82
4-Chlorotoluene
Concen: 21.633 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. -0.006 min
Lab File: VY019987.D
Acq: 23 Oct 2024 12:20

Tgt Ion: 91 Resp: 213621
Ion Ratio Lower Upper
91 100
126 32.0 17.6 52.9





#83

tert-Butylbenzene

Concen: 22.013 ug/l

RT: 12.999 min Scan# 1849

Delta R.T. 0.000 min

Lab File: VY019987.D

Acq: 23 Oct 2024 12:20

Instrument :

MSVOA_Y

ClientSampleId :

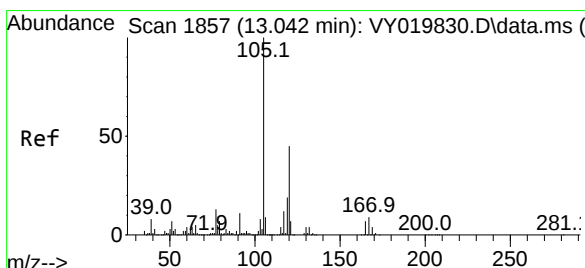
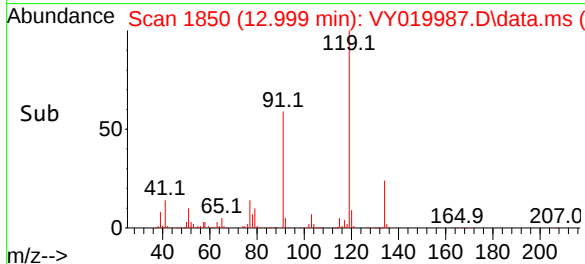
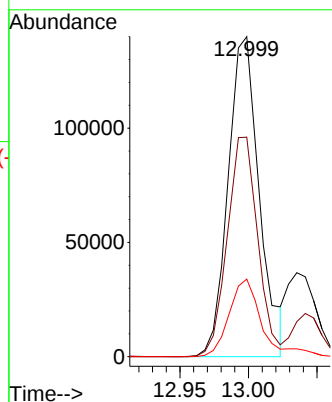
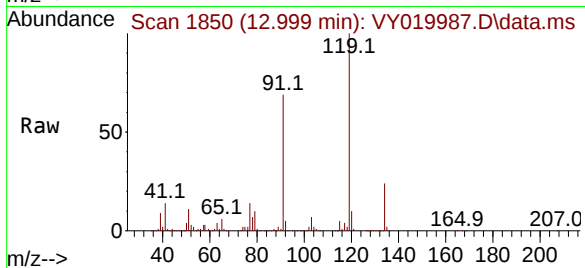
Tgt Ion:119 Resp: 222024

Ion Ratio Lower Upper

119 100

91 67.2 31.3 93.8

134 25.4 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 21.009 ug/l

RT: 13.041 min Scan# 1857

Delta R.T. -0.006 min

Lab File: VY019987.D

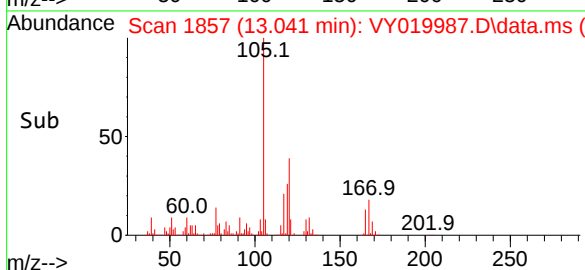
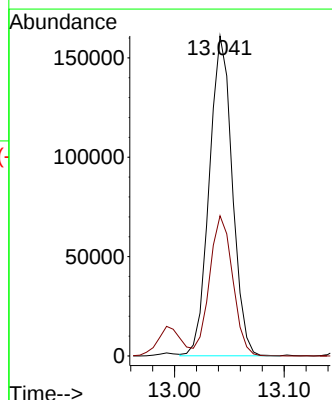
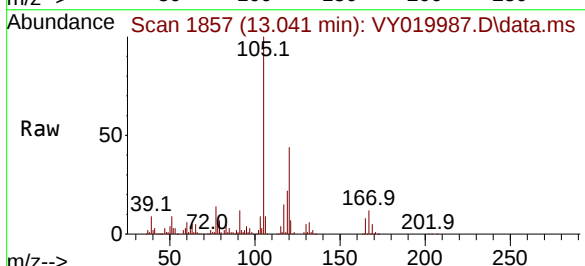
Acq: 23 Oct 2024 12:20

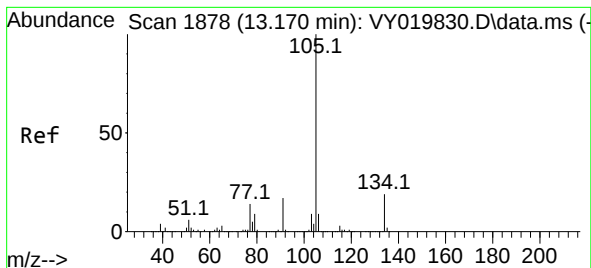
Tgt Ion:105 Resp: 234511

Ion Ratio Lower Upper

105 100

120 44.0 23.2 69.6





#85

sec-Butylbenzene

Concen: 22.107 ug/l

RT: 13.176 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VY019987.D

Acq: 23 Oct 2024 12:20

Instrument :

MSVOA_Y

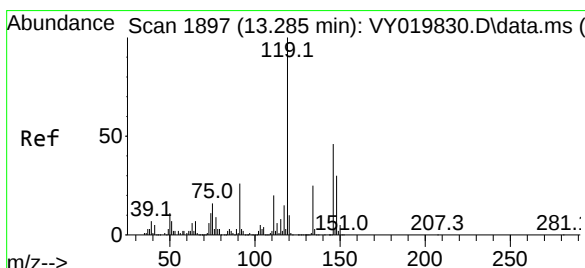
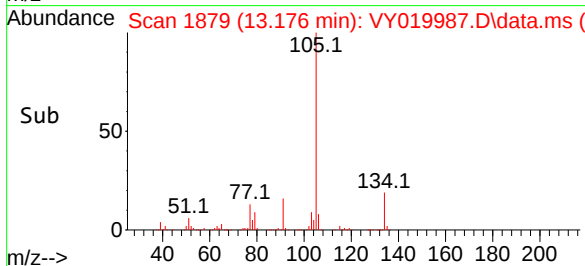
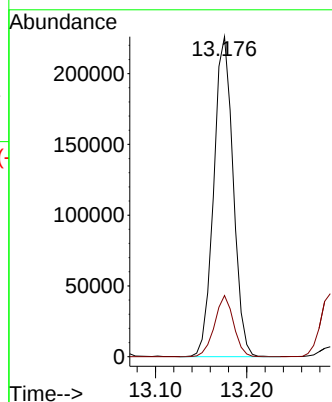
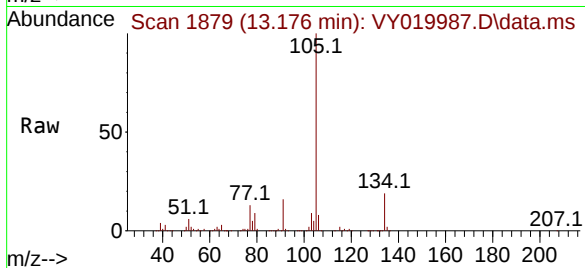
ClientSampleId :

Tgt Ion:105 Resp: 333139

Ion Ratio Lower Upper

105 100

134 18.7 10.1 30.1



#86

p-Isopropyltoluene

Concen: 21.175 ug/l

RT: 13.291 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY019987.D

Acq: 23 Oct 2024 12:20

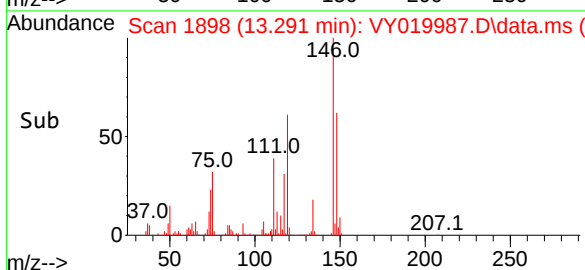
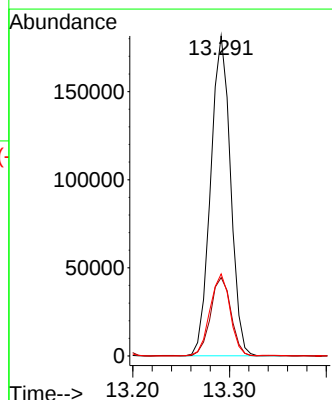
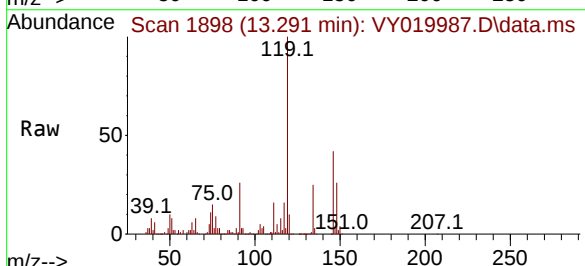
Tgt Ion:119 Resp: 259118

Ion Ratio Lower Upper

119 100

134 25.2 13.1 39.3

91 26.1 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 21.180 ug/l

RT: 13.285 min Scan# 1897

Delta R.T. -0.006 min

Lab File: VY019987.D

Acq: 23 Oct 2024 12:20

Instrument :

MSVOA_Y

ClientSampleId :

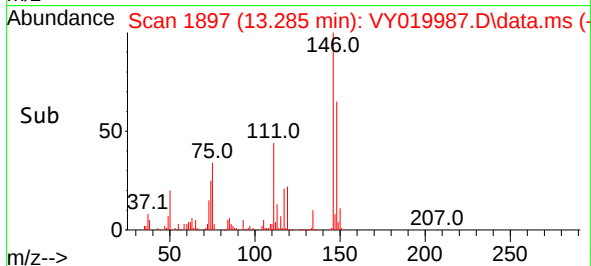
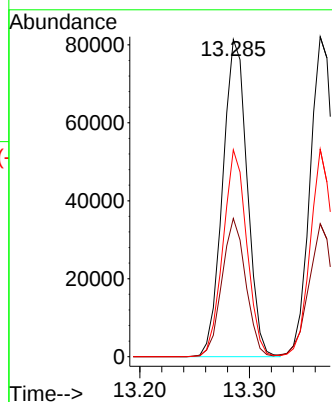
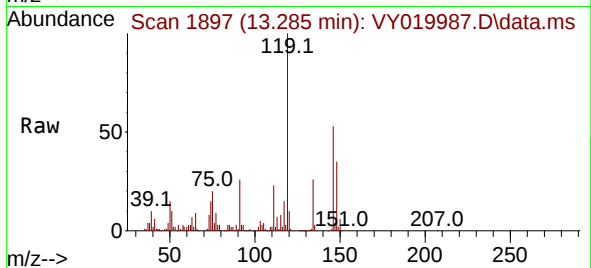
Tgt Ion:146 Resp: 126536

Ion Ratio Lower Upper

146 100

111 42.4 19.0 57.0

148 63.2 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 21.283 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.006 min

Lab File: VY019987.D

Acq: 23 Oct 2024 12:20

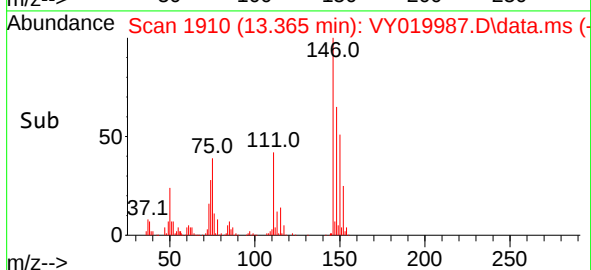
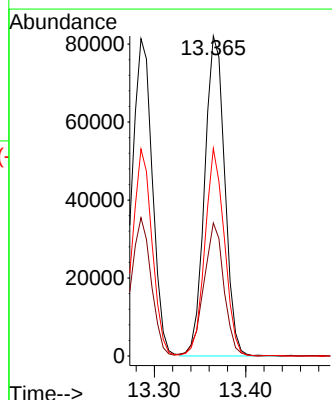
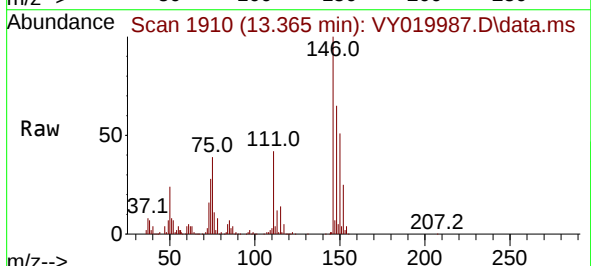
Tgt Ion:146 Resp: 124913

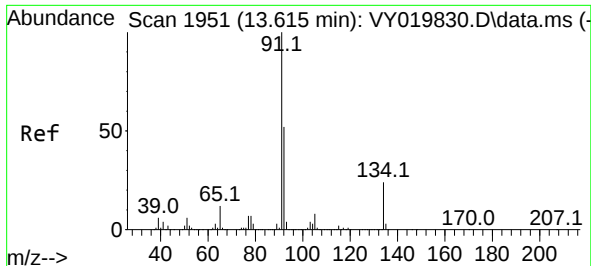
Ion Ratio Lower Upper

146 100

111 41.8 18.4 55.4

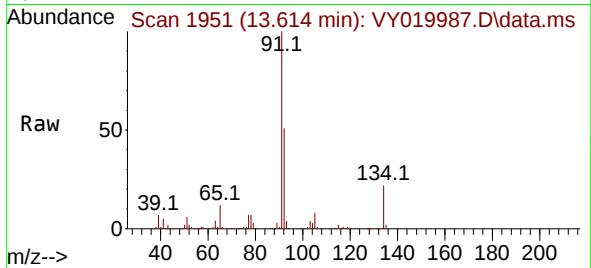
148 62.9 32.4 97.2



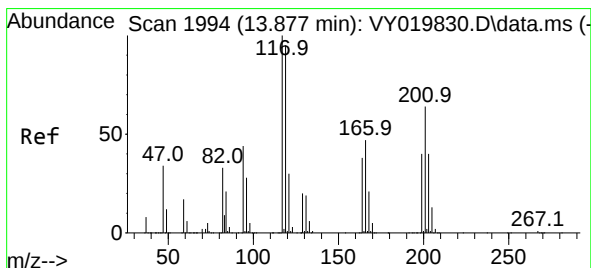
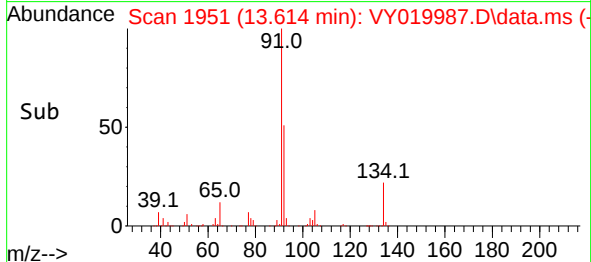
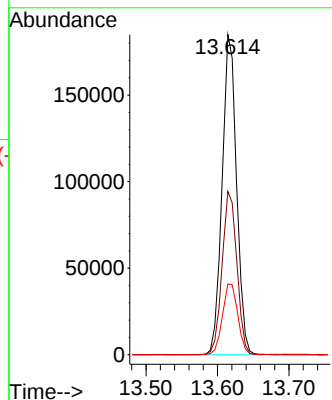


#89
n-Butylbenzene
Concen: 21.704 ug/l
RT: 13.614 min Scan# 1951
Delta R.T. -0.006 min
Lab File: VY019987.D
Acq: 23 Oct 2024 12:20

Instrument :
MSVOA_Y
ClientSampleId :

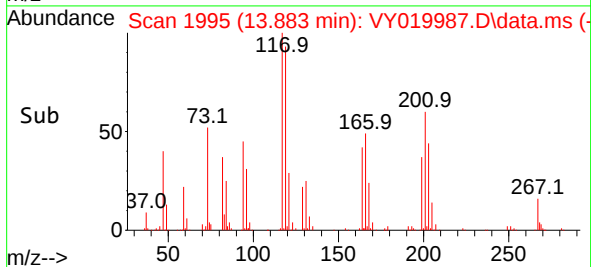
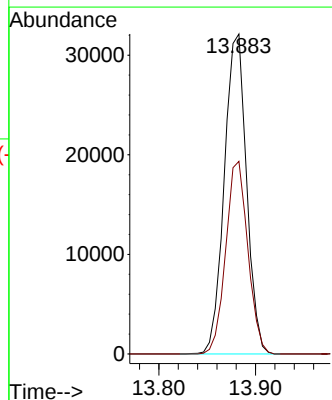
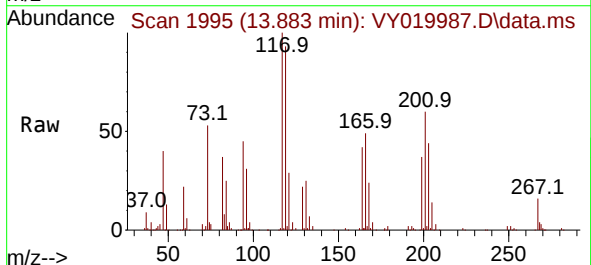


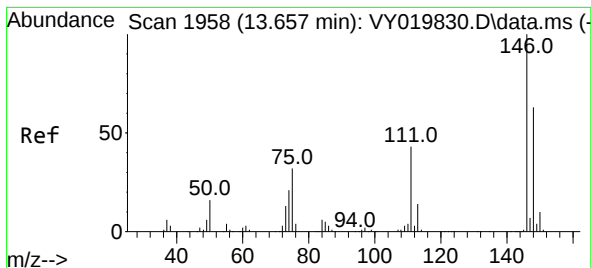
Tgt Ion: 91 Resp: 259332
Ion Ratio Lower Upper
91 100
92 52.2 26.6 79.7
134 23.4 12.9 38.7



#90
Hexachloroethane
Concen: 21.512 ug/l
RT: 13.883 min Scan# 1995
Delta R.T. 0.000 min
Lab File: VY019987.D
Acq: 23 Oct 2024 12:20

Tgt Ion: 117 Resp: 51259
Ion Ratio Lower Upper
117 100
201 60.0 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 21.090 ug/l

RT: 13.657 min Scan# 1958

Delta R.T. 0.000 min

Lab File: VY019987.D

Acq: 23 Oct 2024 12:20

Instrument :

MSVOA_Y

ClientSampleId :

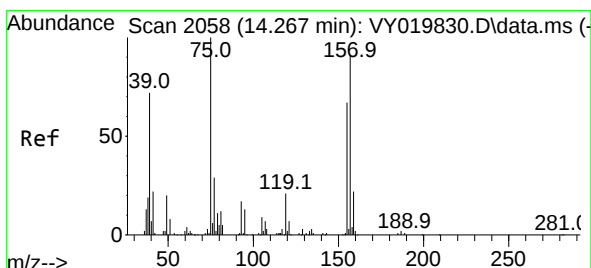
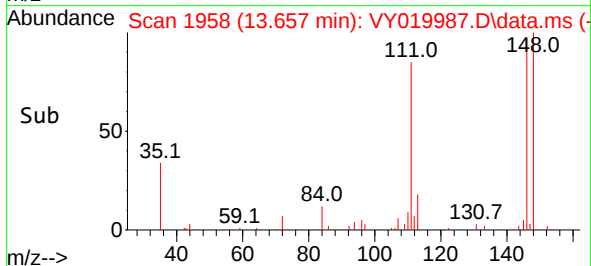
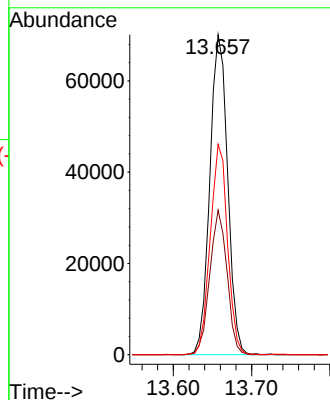
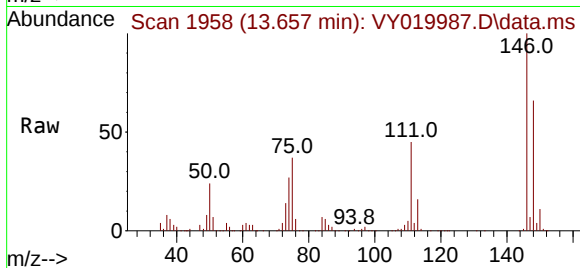
Tgt Ion:146 Resp: 110711

Ion Ratio Lower Upper

146 100

111 43.7 19.9 59.7

148 63.8 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.494 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. 0.000 min

Lab File: VY019987.D

Acq: 23 Oct 2024 12:20

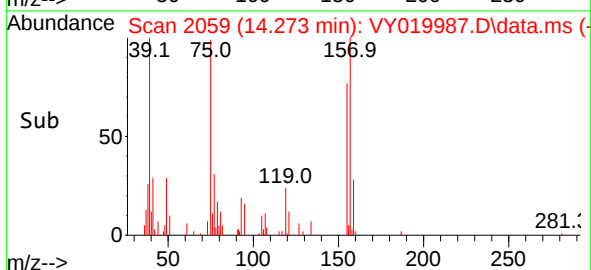
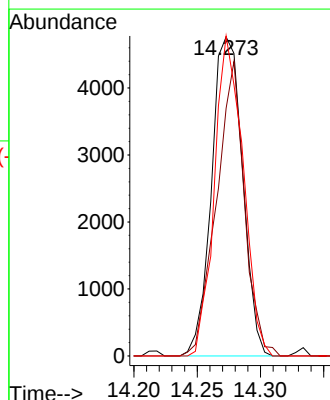
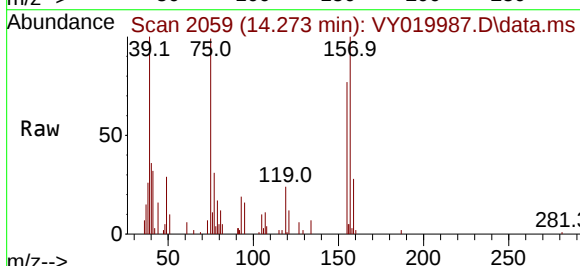
Tgt Ion: 75 Resp: 8102

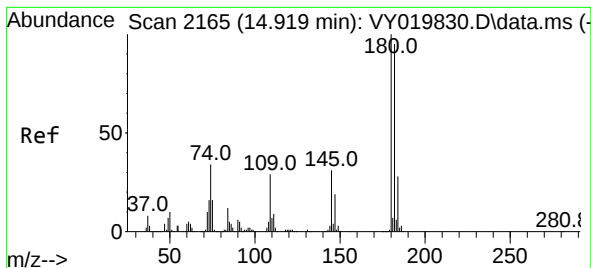
Ion Ratio Lower Upper

75 100

155 83.5 48.6 145.8

157 92.6 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 19.291 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY019987.D

Acq: 23 Oct 2024 12:20

Instrument :

MSVOA_Y

ClientSampleId :

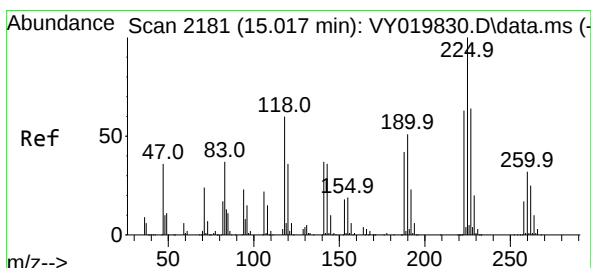
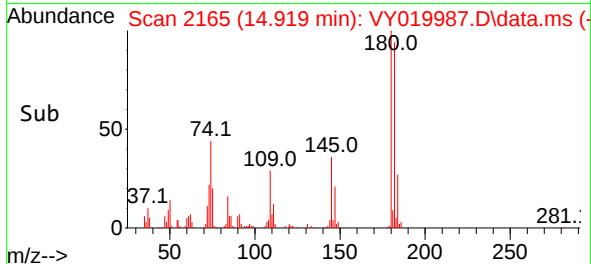
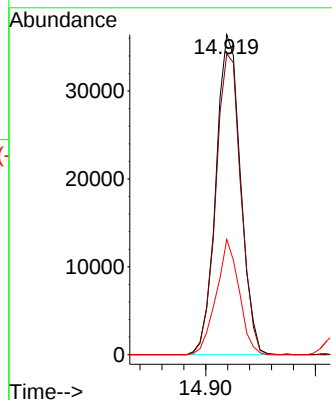
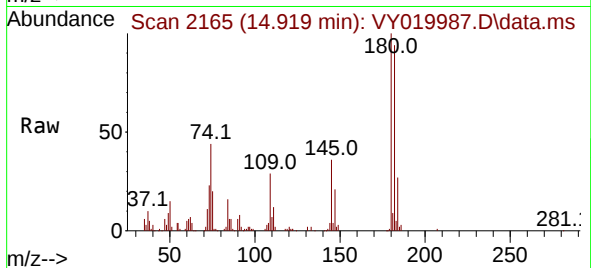
Tgt Ion:180 Resp: 56783

Ion Ratio Lower Upper

180 100

182 95.6 47.9 143.8

145 33.4 14.2 42.6



#94

Hexachlorobutadiene

Concen: 20.086 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY019987.D

Acq: 23 Oct 2024 12:20

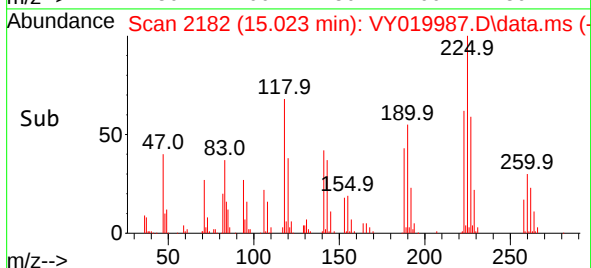
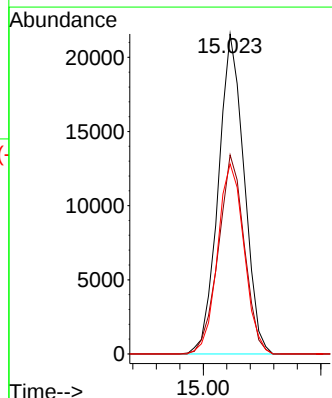
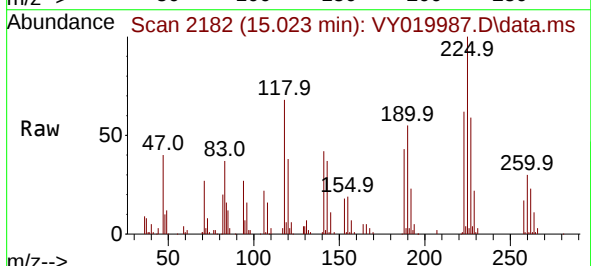
Tgt Ion:225 Resp: 32870

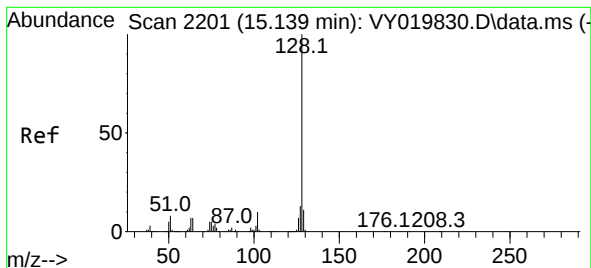
Ion Ratio Lower Upper

225 100

223 62.5 30.4 91.2

227 61.1 31.9 95.9





#95

Naphthalene

Concen: 19.512 ug/l

RT: 15.145 min Scan# 2201

Delta R.T. 0.000 min

Lab File: VY019987.D

Acq: 23 Oct 2024 12:20

Instrument :

MSVOA_Y

ClientSampleId :

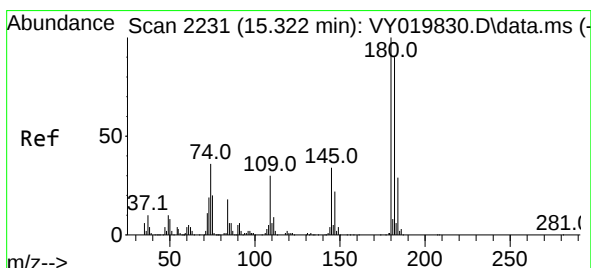
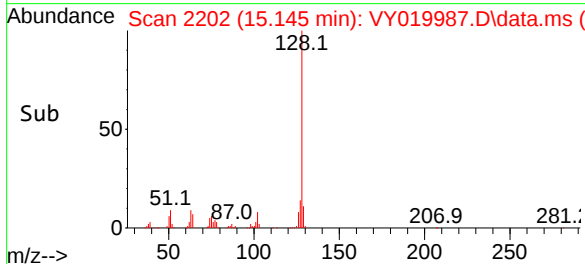
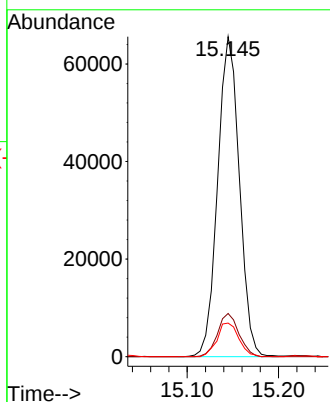
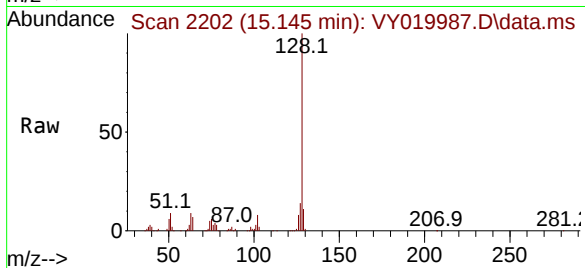
Tgt Ion:128 Resp: 108325

Ion Ratio Lower Upper

128 100

127 13.3 10.6 16.0

129 10.6 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 19.110 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY019987.D

Acq: 23 Oct 2024 12:20

Tgt Ion:180 Resp: 47550

Ion Ratio Lower Upper

180 100

182 95.6 47.6 142.9

145 35.1 15.4 46.1

