

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101124\
 Data File : VY019865.D
 Acq On : 11 Oct 2024 11:37
 Operator : SY/MD
 Sample : VY1011SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 14 01:43:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 10 05:30:07 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	317435	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	562573	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	470630	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	227990	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	204355	52.284	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.560%	
35) Dibromofluoromethane	7.634	113	193891	52.228	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.460%	
50) Toluene-d8	10.109	98	706509	51.535	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 103.080%	
62) 4-Bromofluorobenzene	12.401	95	251418	50.755	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 101.520%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.867	85	58044	19.642	ug/l	100
3) Chloromethane	2.068	50	77027	20.027	ug/l	99
4) Vinyl Chloride	2.208	62	83539	19.738	ug/l	100
5) Bromomethane	2.592	94	54412	20.311	ug/l	95
6) Chloroethane	2.739	64	55915	19.666	ug/l	100
7) Trichlorofluoromethane	3.056	101	125962	20.001	ug/l	100
8) Diethyl Ether	3.458	74	40063	20.932	ug/l	81
9) 1,1,2-Trichlorotrifluo...	3.818	101	73680	20.114	ug/l	93
10) Methyl Iodide	4.007	142	69836	18.850	ug/l	# 90
11) Tert butyl alcohol	4.860	59	39117	106.828	ug/l	# 86
12) 1,1-Dichloroethene	3.793	96	66468	19.518	ug/l	86
13) Acrolein	3.659	56	31779	110.651	ug/l	100
14) Allyl chloride	4.385	41	121585	19.788	ug/l	# 89
15) Acrylonitrile	5.061	53	94231	107.637	ug/l	96
16) Acetone	3.872	43	111686	109.769	ug/l	# 84
17) Carbon Disulfide	4.110	76	163641	17.928	ug/l	100
18) Methyl Acetate	4.385	43	45952	20.966	ug/l	# 87
19) Methyl tert-butyl Ether	5.122	73	201324	20.578	ug/l	98
20) Methylene Chloride	4.622	84	84353	21.986	ug/l	# 87
21) trans-1,2-Dichloroethene	5.116	96	72094	19.451	ug/l	85
22) Diisopropyl ether	6.025	45	281252	21.014	ug/l	# 93
23) Vinyl Acetate	5.964	43	802511	104.594	ug/l	# 91
24) 1,1-Dichloroethane	5.915	63	155502	20.902	ug/l	97
25) 2-Butanone	6.896	43	147567	108.353	ug/l	# 82
26) 2,2-Dichloropropane	6.890	77	130865	19.751	ug/l	95
27) cis-1,2-Dichloroethene	6.896	96	91251	19.922	ug/l	83
28) Bromochloromethane	7.244	49	72073	22.010	ug/l	# 74
29) Tetrahydrofuran	7.262	42	82237	105.755	ug/l	# 83
30) Chloroform	7.427	83	157510	20.769	ug/l	97
31) Cyclohexane	7.701	56	124392	19.047	ug/l	90
32) 1,1,1-Trichloroethane	7.622	97	133217	20.044	ug/l	95
36) 1,1-Dichloropropene	7.835	75	104861	19.606	ug/l	95
37) Ethyl Acetate	6.988	43	59571	21.361	ug/l	96
38) Carbon Tetrachloride	7.817	117	111262	19.405	ug/l	98
39) Methylcyclohexane	9.109	83	126330	18.746	ug/l	93
40) Benzene	8.079	78	323834	20.007	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	32877	21.782	ug/l #	86
42) 1,2-Dichloroethane	8.158	62	95290	20.492	ug/l	95
43) Isopropyl Acetate	8.201	43	118010	20.749	ug/l #	77
44) Trichloroethene	8.865	130	74930	19.113	ug/l	95
45) 1,2-Dichloropropane	9.140	63	81270	20.060	ug/l	98
46) Dibromomethane	9.231	93	44152	19.947	ug/l	90
47) Bromodichloromethane	9.426	83	121409	20.664	ug/l	98
48) Methyl methacrylate	9.225	41	52525	20.995	ug/l	83
49) 1,4-Dioxane	9.231	88	10657	430.172	ug/l #	85
51) 4-Methyl-2-Pentanone	9.999	43	314407	108.379	ug/l	90
52) Toluene	10.170	92	202120	20.005	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	102427	19.376	ug/l	96
54) cis-1,3-Dichloropropene	9.853	75	122765	19.681	ug/l #	80
55) 1,1,2-Trichloroethane	10.572	97	61453	21.073	ug/l	97
56) Ethyl methacrylate	10.438	69	85556	20.446	ug/l #	74
57) 1,3-Dichloropropane	10.713	76	106370	20.770	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	197517	101.393	ug/l	94
59) 2-Hexanone	10.761	43	228014	110.046	ug/l	86
60) Dibromochloromethane	10.908	129	74505	19.905	ug/l	99
61) 1,2-Dibromoethane	11.011	107	51625	19.590	ug/l	100
64) Tetrachloroethene	10.646	164	64757	19.345	ug/l	95
65) Chlorobenzene	11.438	112	219074	20.352	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.511	131	74458	20.444	ug/l	98
67) Ethyl Benzene	11.517	91	398105	20.359	ug/l	100
68) m/p-Xylenes	11.627	106	289507	40.088	ug/l	91
69) o-Xylene	11.950	106	141651	20.415	ug/l	93
70) Styrene	11.969	104	236371	20.191	ug/l	95
71) Bromoform	12.133	173	39715	20.370	ug/l #	98
73) Isopropylbenzene	12.255	105	381445	19.891	ug/l	98
74) N-amyl acetate	12.072	43	104125	20.500	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.505	83	72520	21.282	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	91920	20.581	ug/l #	100
77) Bromobenzene	12.529	156	82006	20.152	ug/l	86
78) n-propylbenzene	12.590	91	466029	20.112	ug/l	97
79) 2-Chlorotoluene	12.676	91	269976	20.323	ug/l	92
80) 1,3,5-Trimethylbenzene	12.737	105	305406	19.720	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.304	75	21790	19.693	ug/l #	83
82) 4-Chlorotoluene	12.773	91	273375	20.126	ug/l	94
83) tert-Butylbenzene	12.993	119	269723	19.441	ug/l	94
84) 1,2,4-Trimethylbenzene	13.042	105	304752	19.848	ug/l	98
85) sec-Butylbenzene	13.176	105	411394	19.846	ug/l	98
86) p-Isopropyltoluene	13.292	119	330674	19.645	ug/l	96
87) 1,3-Dichlorobenzene	13.285	146	162888	19.821	ug/l	97
88) 1,4-Dichlorobenzene	13.365	146	162886	20.175	ug/l	96
89) n-Butylbenzene	13.615	91	327084	19.900	ug/l	98
90) Hexachloroethane	13.877	117	62463	19.057	ug/l	87
91) 1,2-Dichlorobenzene	13.657	146	144209	19.971	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.267	75	11568	21.272	ug/l	71
93) 1,2,4-Trichlorobenzene	14.919	180	78430	19.370	ug/l	97
94) Hexachlorobutadiene	15.023	225	43604	19.370	ug/l	98
95) Naphthalene	15.145	128	151677	19.862	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	65491	19.134	ug/l	96

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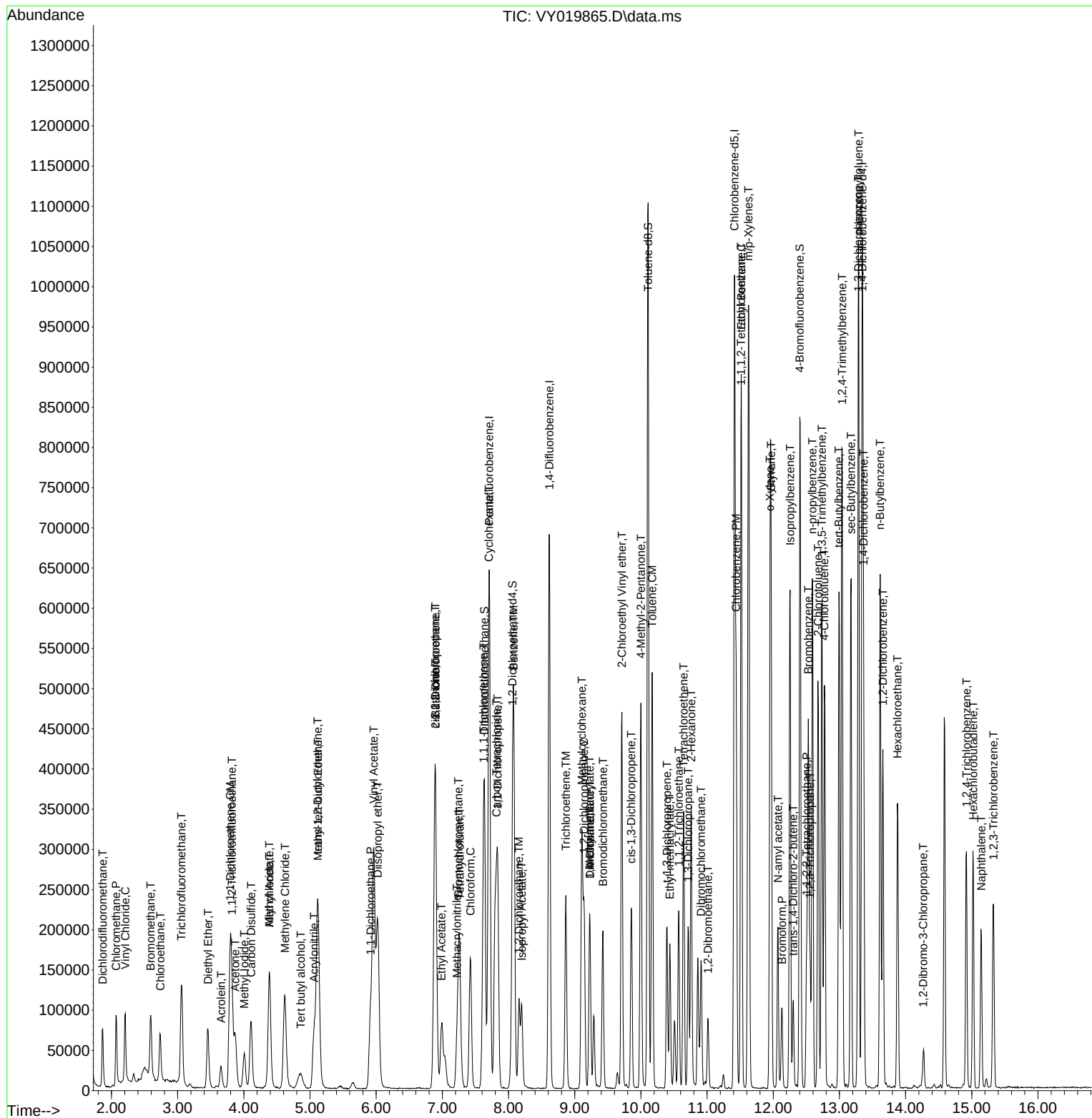
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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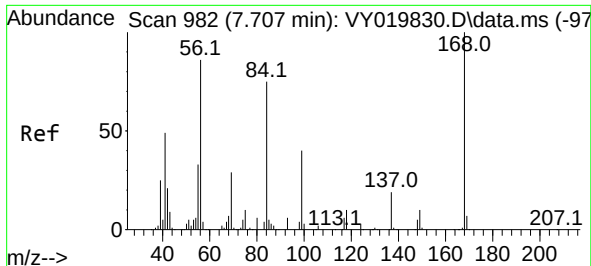
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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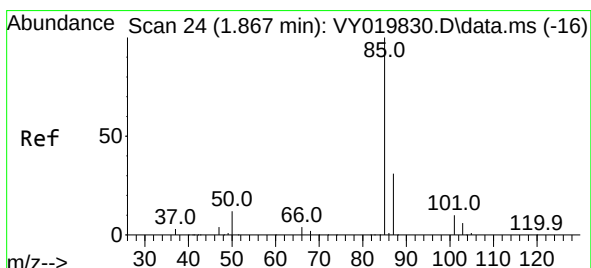
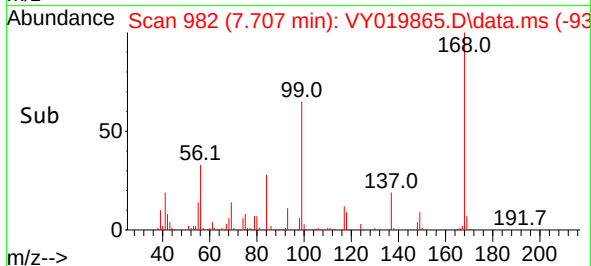
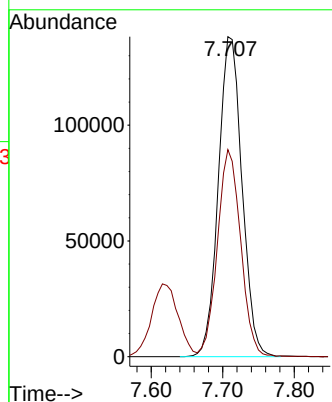
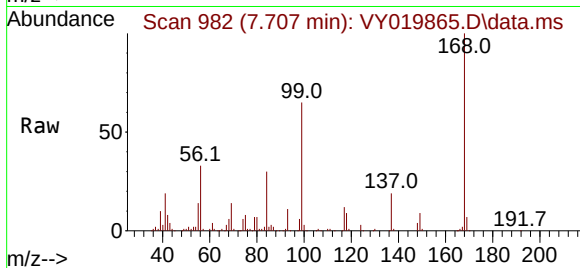




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019865.D
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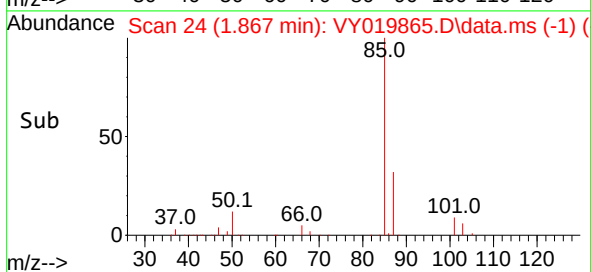
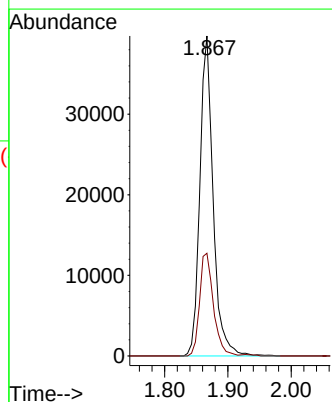
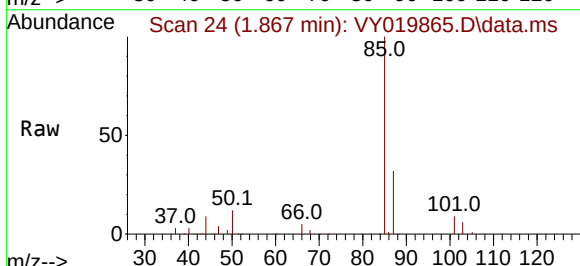
Instrument :
MSVOA_Y
ClientSampleId :

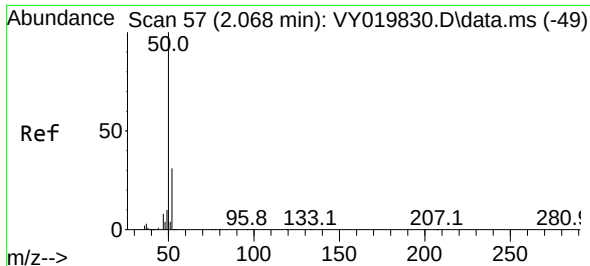
Tgt Ion:168 Resp: 317435
Ion Ratio Lower Upper
168 100
99 64.5 39.1 58.7#



#2
Dichlorodifluoromethane
Concen: 19.642 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.001 min
Lab File: VY019865.D
Acq: 11 Oct 2024 11:37

Tgt Ion: 85 Resp: 58044
Ion Ratio Lower Upper
85 100
87 32.1 16.0 48.0

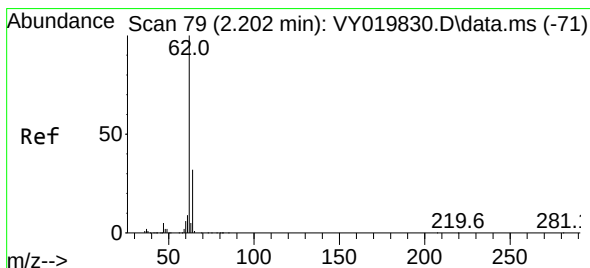
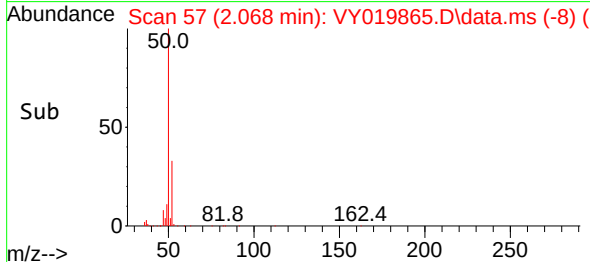
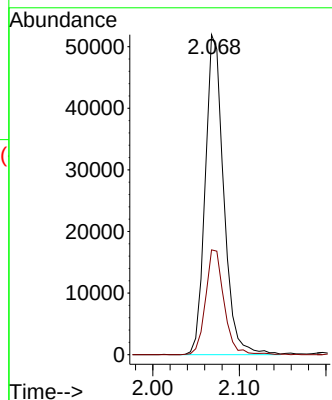
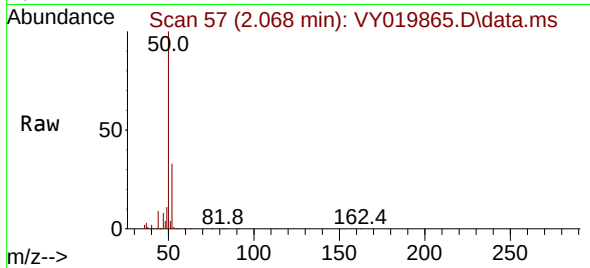




#3
Chloromethane
Concen: 20.027 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY019865.D
Acq: 11 Oct 2024 11:37

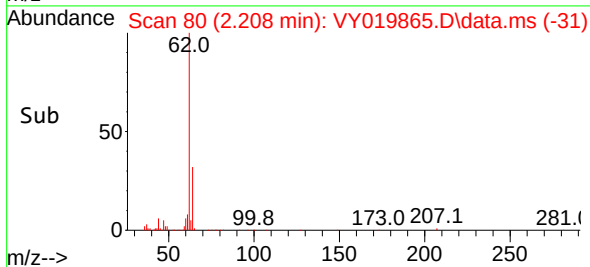
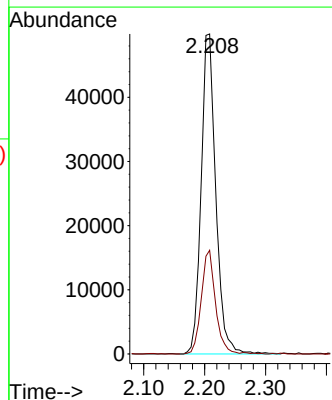
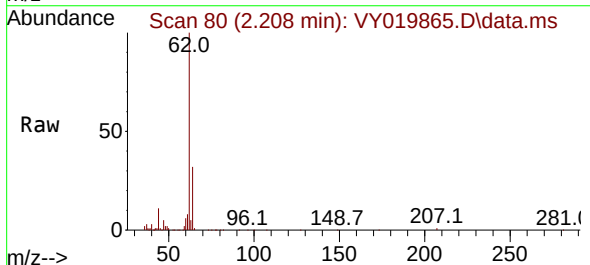
Instrument :
MSVOA_Y
ClientSampleId :

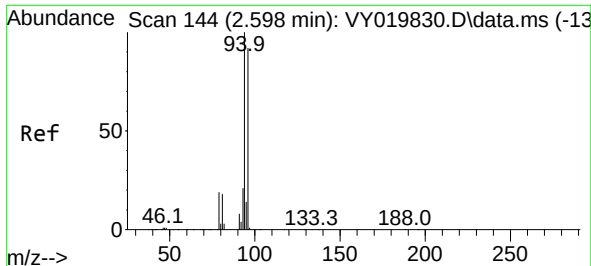
Tgt Ion: 50 Resp: 77027
Ion Ratio Lower Upper
50 100
52 32.8 25.6 38.4



#4
Vinyl Chloride
Concen: 19.738 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.000 min
Lab File: VY019865.D
Acq: 11 Oct 2024 11:37

Tgt Ion: 62 Resp: 83539
Ion Ratio Lower Upper
62 100
64 32.4 26.1 39.1

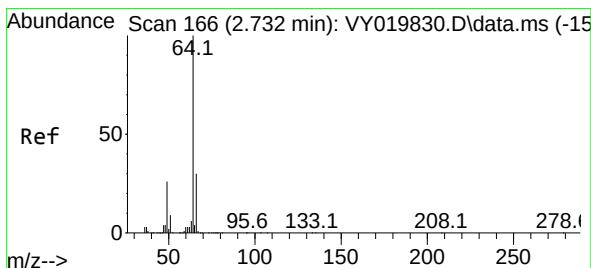
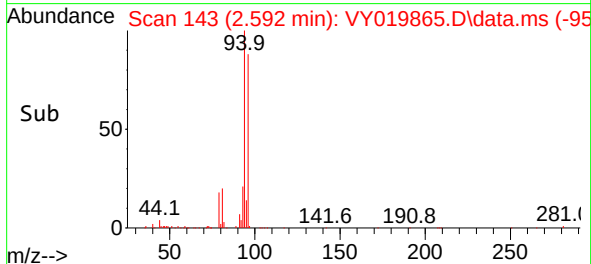
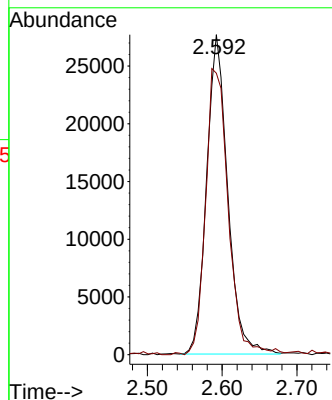
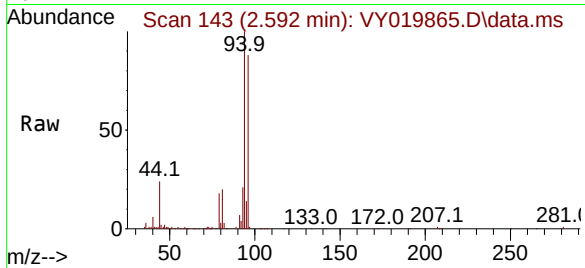




#5
Bromomethane
Concen: 20.311 ug/l
RT: 2.592 min Scan# 144
Delta R.T. -0.006 min
Lab File: VY019865.D
Acq: 11 Oct 2024 11:37

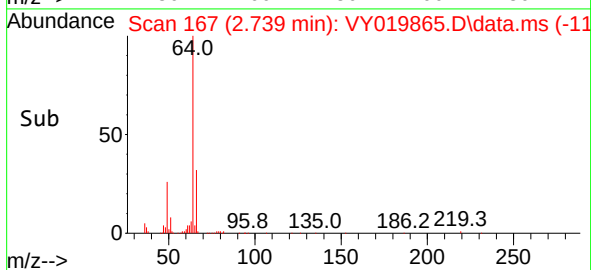
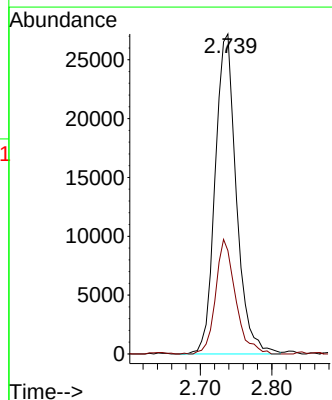
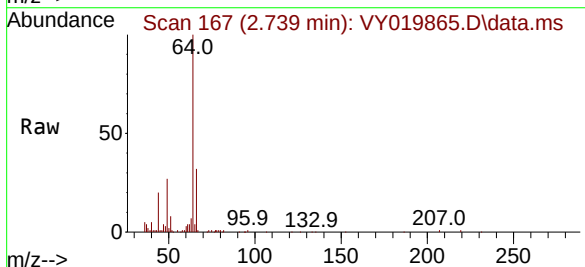
Instrument :
MSVOA_Y
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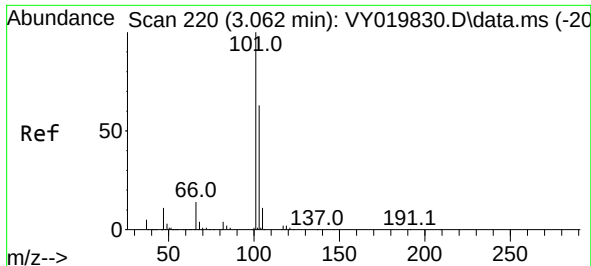
Tgt Ion: 94 Resp: 54412
Ion Ratio Lower Upper
94 100
96 87.7 74.1 111.1



#6
Chloroethane
Concen: 19.666 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.000 min
Lab File: VY019865.D
Acq: 11 Oct 2024 11:37

Tgt Ion: 64 Resp: 55915
Ion Ratio Lower Upper
64 100
66 32.3 26.1 39.1

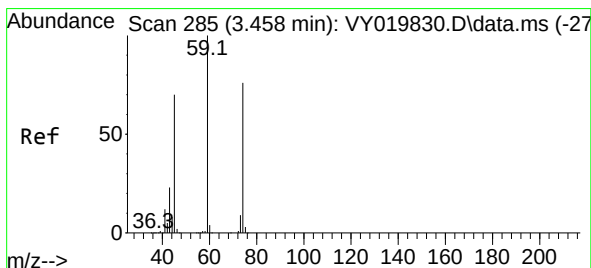
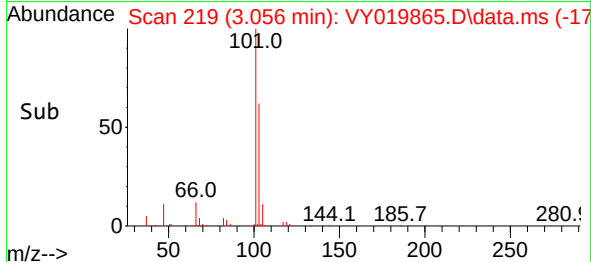
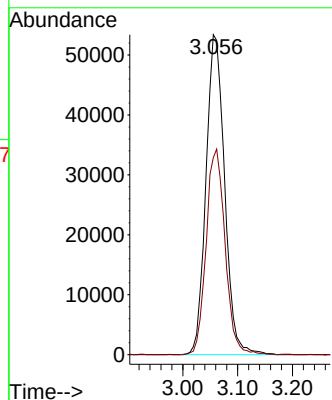
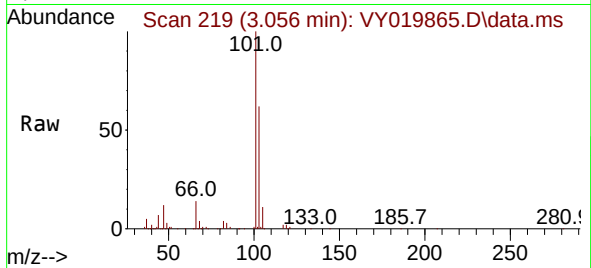




#7
 Trichlorofluoromethane
 Concen: 20.001 ug/l
 RT: 3.056 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VY019865.D
 Acq: 11 Oct 2024 11:37

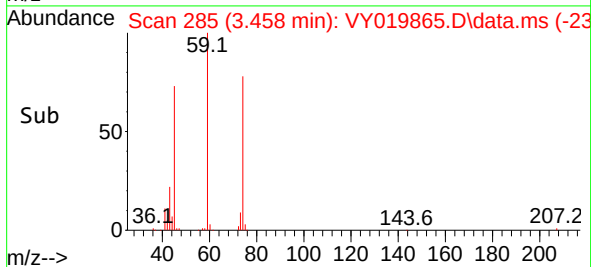
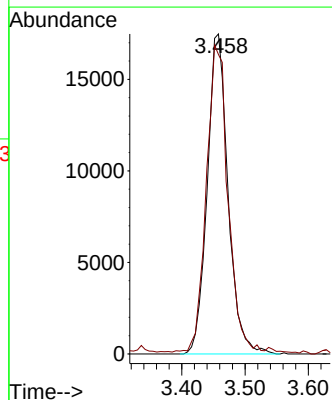
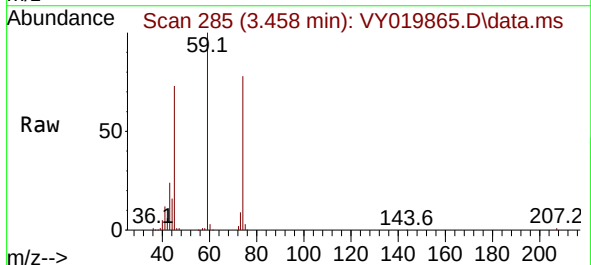
Instrument :
 MSVOA_Y
 ClientSampleId :

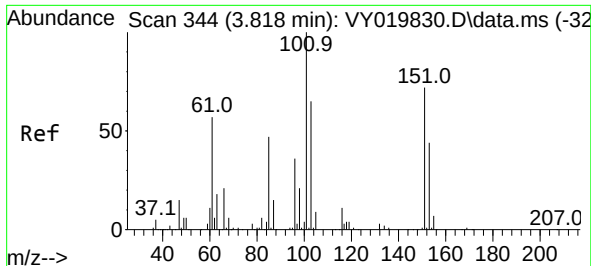
Tgt Ion:101 Resp: 125962
 Ion Ratio Lower Upper
 101 100
 103 61.6 49.3 73.9



#8
 Diethyl Ether
 Concen: 20.932 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. 0.000 min
 Lab File: VY019865.D
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Tgt Ion: 74 Resp: 40063
 Ion Ratio Lower Upper
 74 100
 45 99.5 41.3 124.1

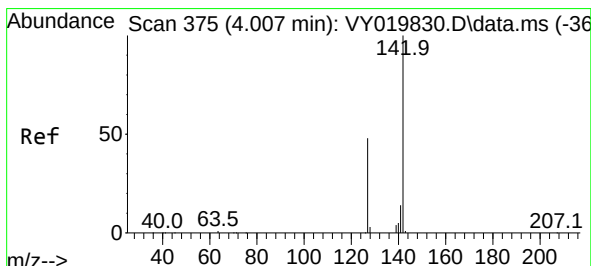
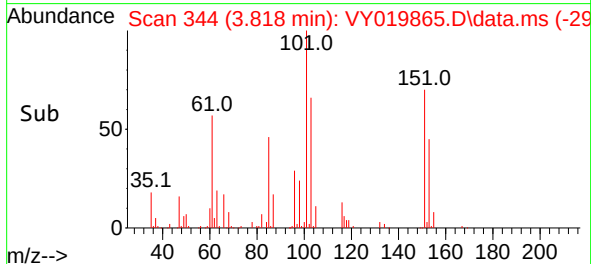
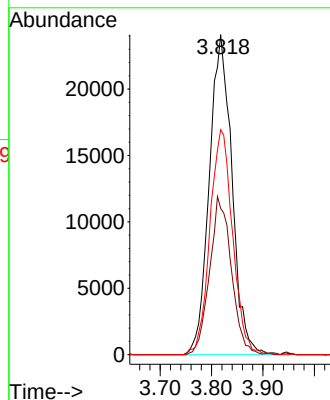
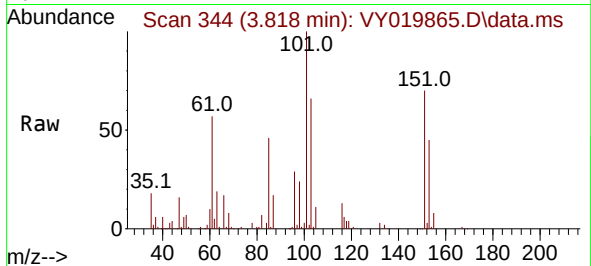




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.114 ug/l
RT: 3.818 min Scan# 344
Delta R.T. 0.006 min
Lab File: VY019865.D
Acq: 11 Oct 2024 11:37

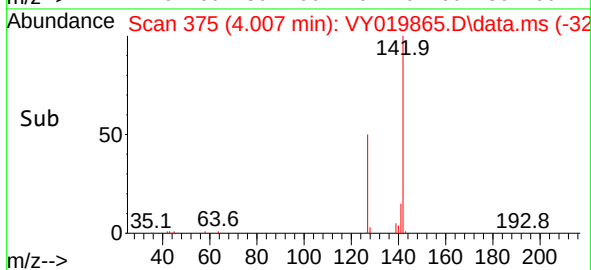
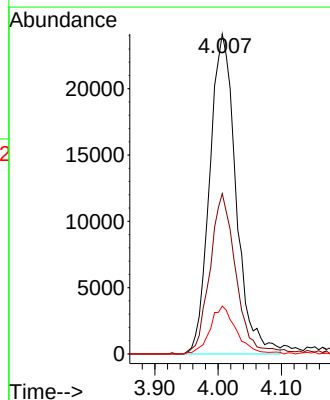
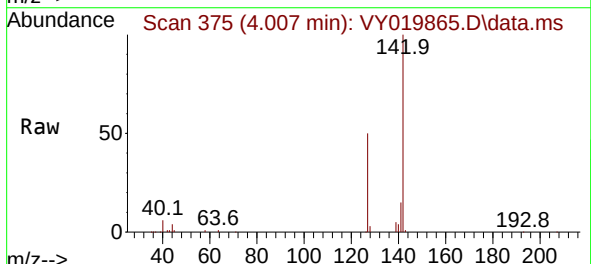
Instrument :
MSVOA_Y
ClientSampleId :

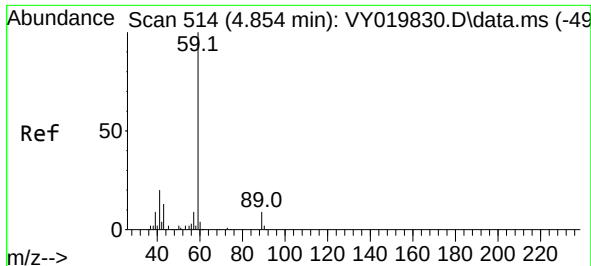
Tgt Ion:101 Resp: 73680
Ion Ratio Lower Upper
101 100
85 47.5 34.5 51.7
151 70.9 61.7 92.5



#10
Methyl Iodide
Concen: 18.850 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.000 min
Lab File: VY019865.D
Acq: 11 Oct 2024 11:37

Tgt Ion:142 Resp: 69836
Ion Ratio Lower Upper
142 100
127 49.4 32.8 49.2#
141 14.9 11.4 17.2

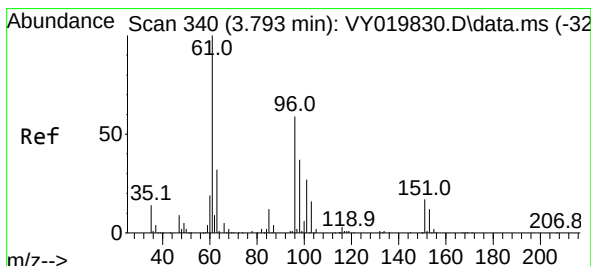
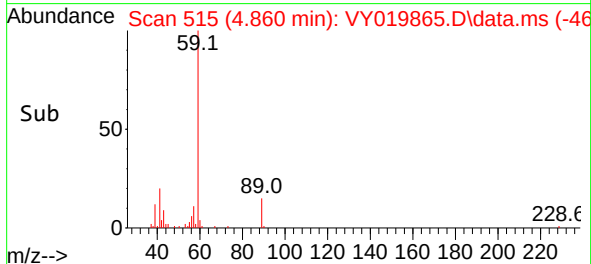
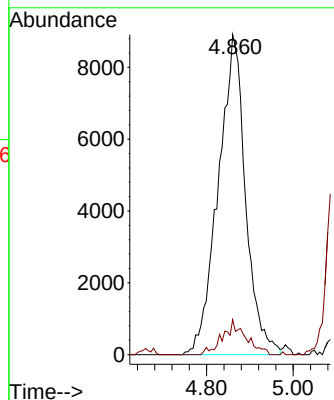
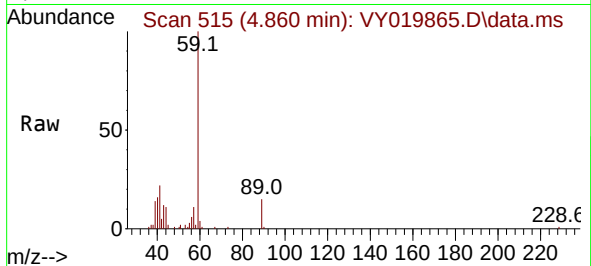




#11
Tert butyl alcohol
Concen: 106.828 ug/l
RT: 4.860 min Scan# 514
Delta R.T. 0.000 min
Lab File: VY019865.D
Acq: 11 Oct 2024 11:37

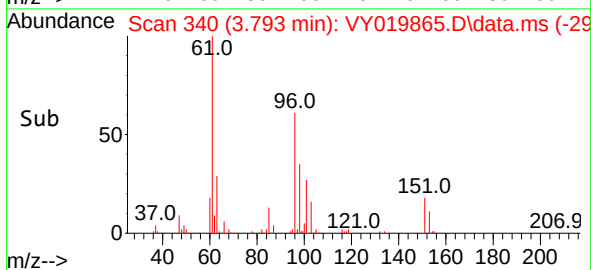
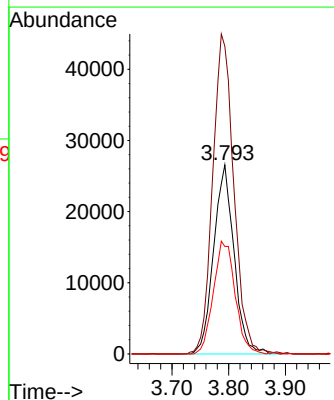
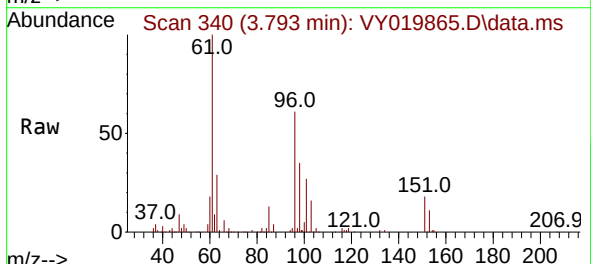
Instrument :
MSVOA_Y
ClientSampleId :

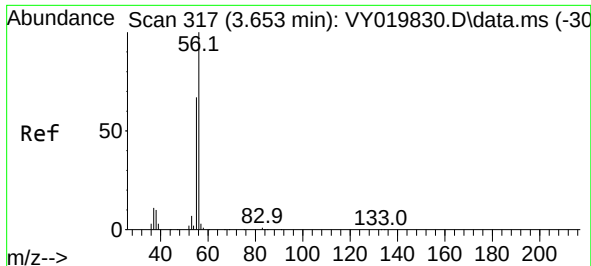
Tgt Ion: 59 Resp: 39117
Ion Ratio Lower Upper
59 100
57 8.4 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 19.518 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY019865.D
Acq: 11 Oct 2024 11:37

Tgt Ion: 96 Resp: 66468
Ion Ratio Lower Upper
96 100
61 162.7 114.6 171.8
98 56.8 50.8 76.2

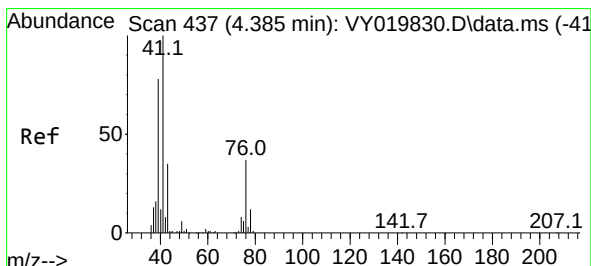
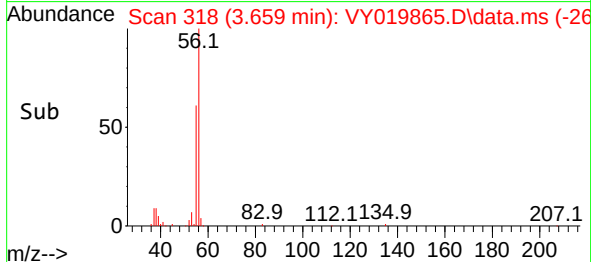
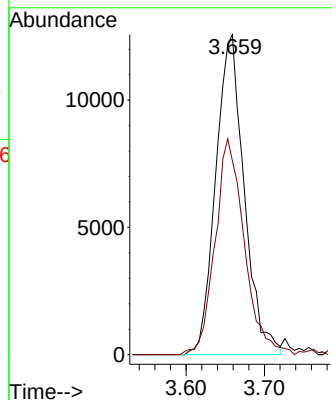
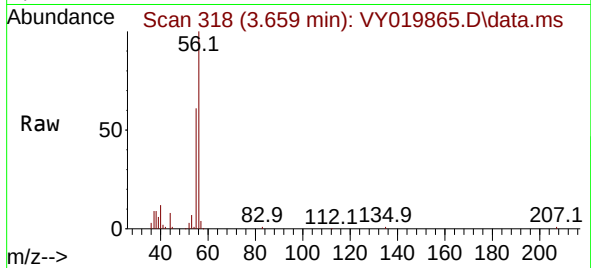




#13
Acrolein
Concen: 110.651 ug/l
RT: 3.659 min Scan# 317
Delta R.T. 0.006 min
Lab File: VY019865.D
Acq: 11 Oct 2024 11:37

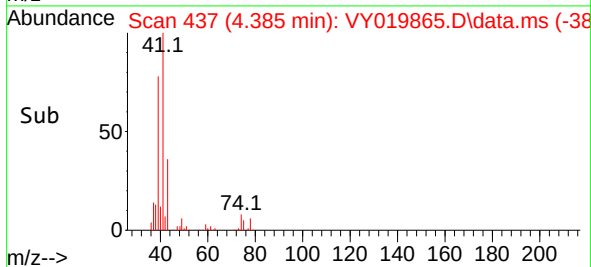
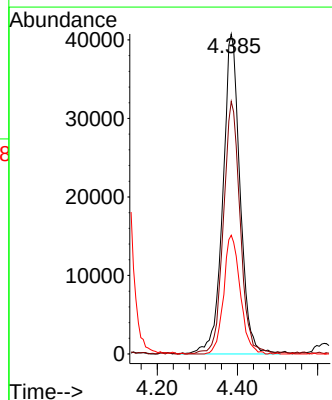
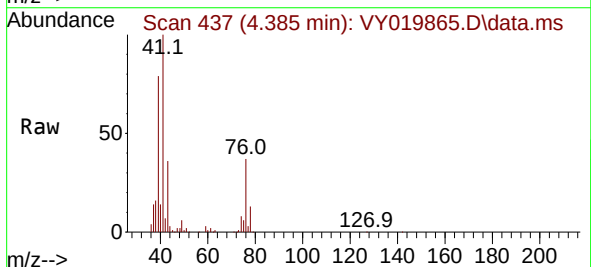
Instrument :
MSVOA_Y
ClientSampleId :

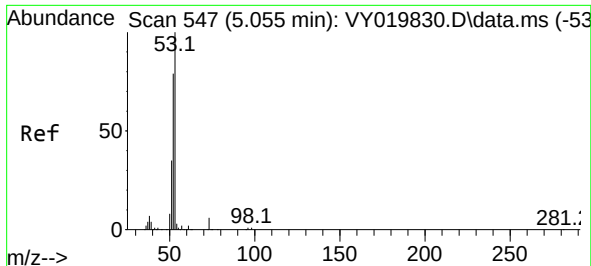
Tgt Ion: 56 Resp: 31779
Ion Ratio Lower Upper
56 100
55 69.3 55.7 83.5



#14
Allyl chloride
Concen: 19.788 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY019865.D
Acq: 11 Oct 2024 11:37

Tgt Ion: 41 Resp: 121585
Ion Ratio Lower Upper
41 100
39 76.8 58.3 87.5
76 35.7 39.0 58.6#

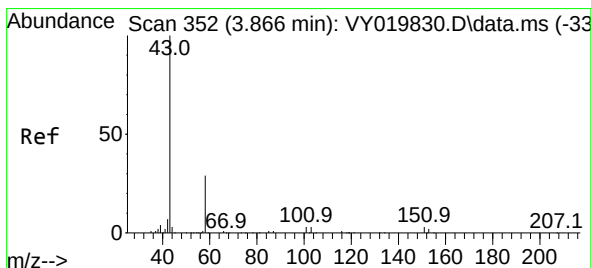
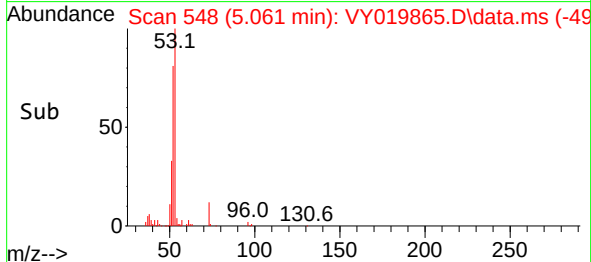
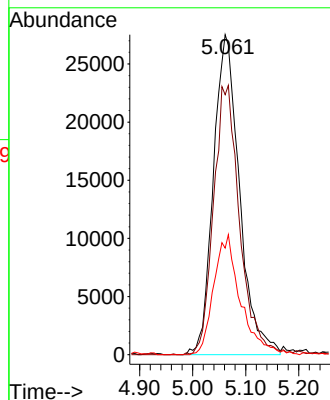
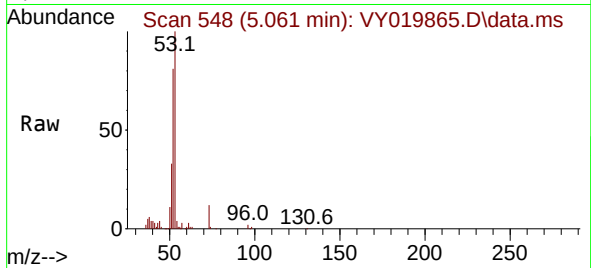




#15
Acrylonitrile
Concen: 107.637 ug/l
RT: 5.061 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY019865.D
Acq: 11 Oct 2024 11:37

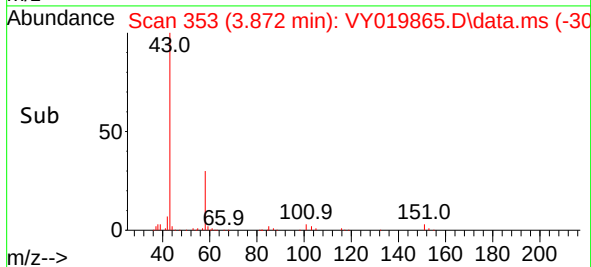
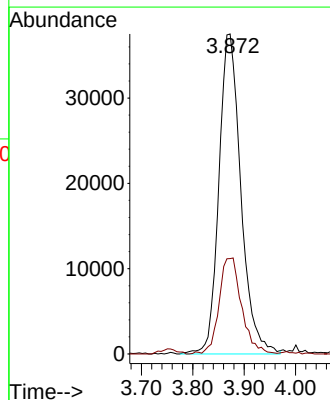
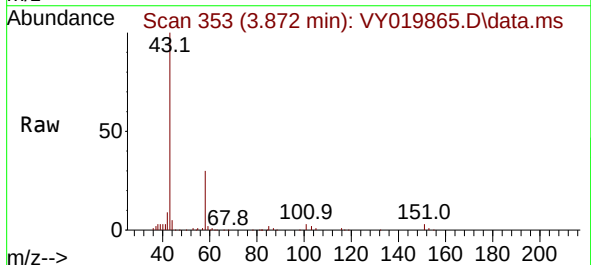
Instrument :
MSVOA_Y
ClientSampleId :

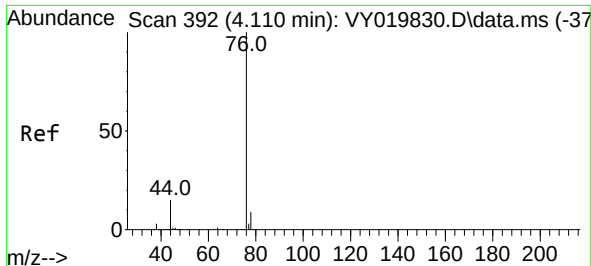
Tgt Ion: 53 Resp: 94231
Ion Ratio Lower Upper
53 100
52 83.9 64.7 97.1
51 38.2 28.4 42.6



#16
Acetone
Concen: 109.769 ug/l
RT: 3.872 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY019865.D
Acq: 11 Oct 2024 11:37

Tgt Ion: 43 Resp: 111686
Ion Ratio Lower Upper
43 100
58 29.5 31.7 47.5#

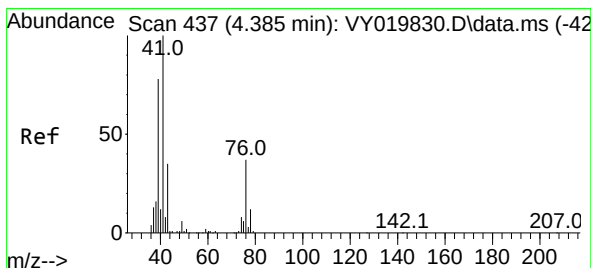
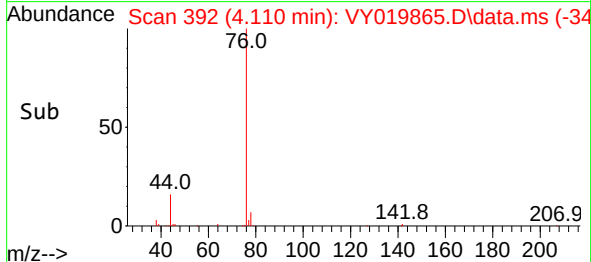
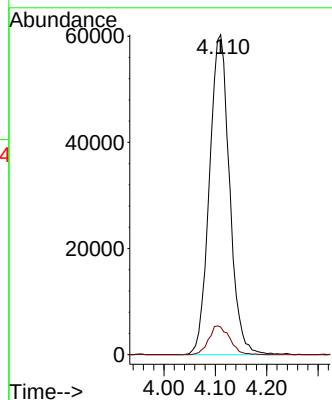
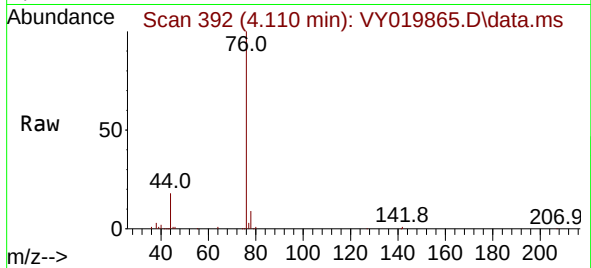




#17
Carbon Disulfide
Concen: 17.928 ug/l
RT: 4.110 min Scan# 392
Delta R.T. 0.006 min
Lab File: VY019865.D
Acq: 11 Oct 2024 11:37

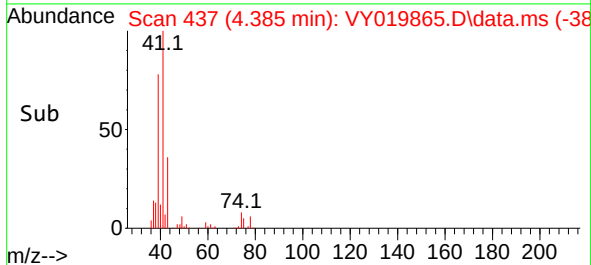
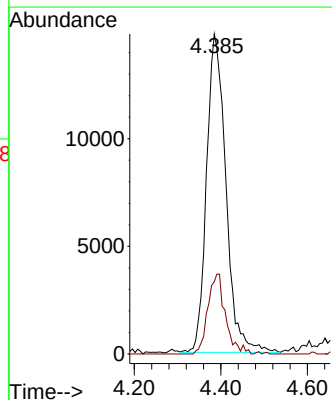
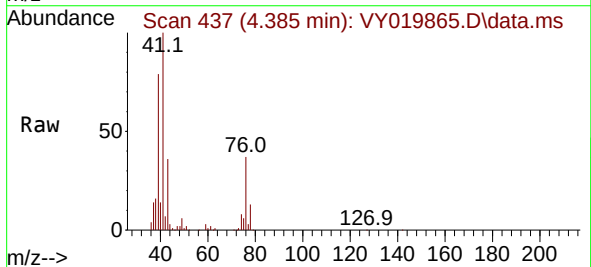
Instrument :
MSVOA_Y
ClientSampleId :

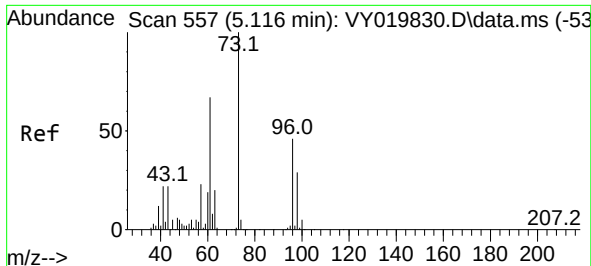
Tgt Ion: 76 Resp: 163641
Ion Ratio Lower Upper
76 100
78 8.6 6.8 10.2



#18
Methyl Acetate
Concen: 20.966 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY019865.D
Acq: 11 Oct 2024 11:37

Tgt Ion: 43 Resp: 45952
Ion Ratio Lower Upper
43 100
74 22.2 23.3 34.9#

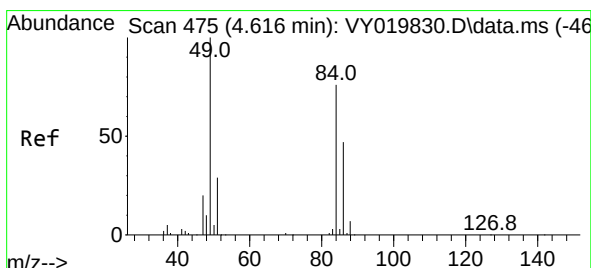
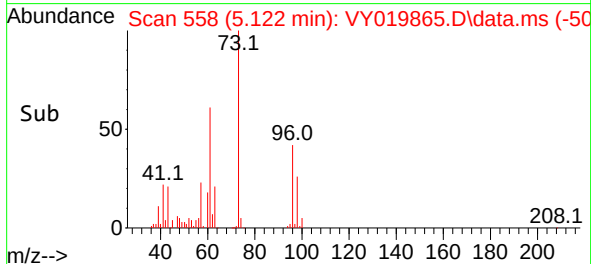
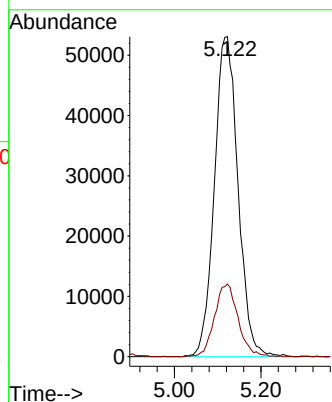
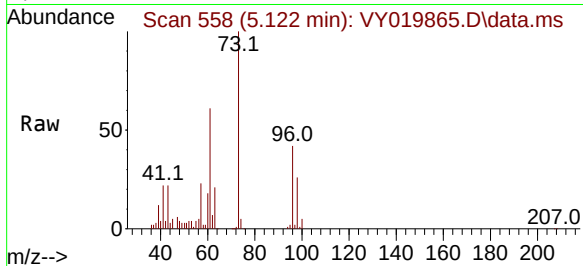




#19
Methyl tert-butyl Ether
Concen: 20.578 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY019865.D
Acq: 11 Oct 2024 11:37

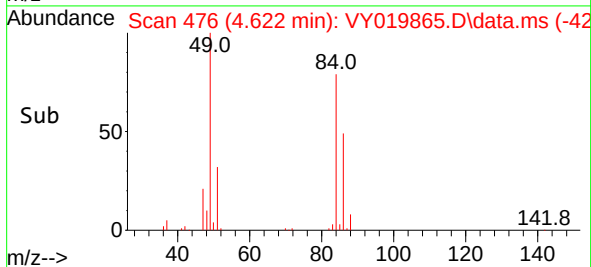
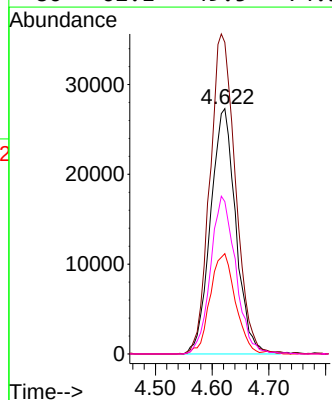
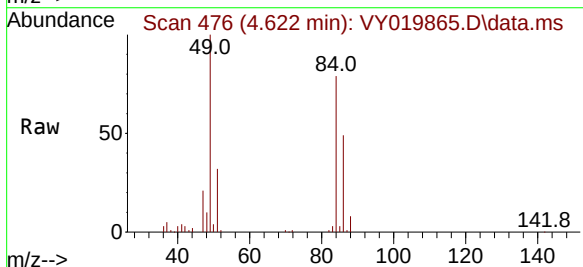
Instrument :
MSVOA_Y
ClientSampleId :

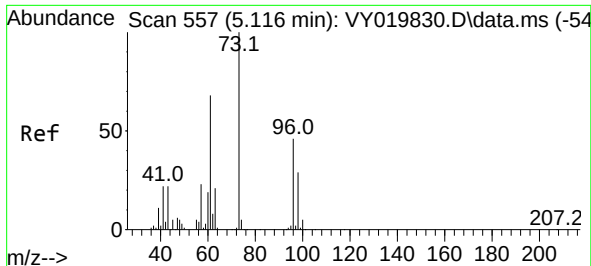
Tgt Ion: 73 Resp: 201324
Ion Ratio Lower Upper
73 100
57 22.7 17.3 25.9



#20
Methylene Chloride
Concen: 21.986 ug/l
RT: 4.622 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY019865.D
Acq: 11 Oct 2024 11:37

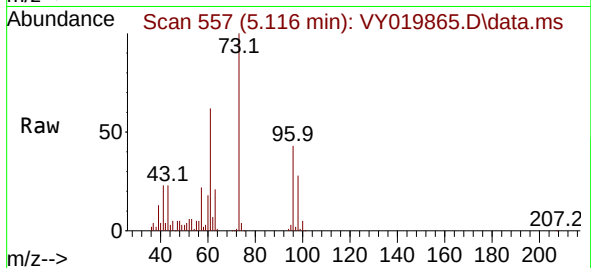
Tgt Ion: 84 Resp: 84353
Ion Ratio Lower Upper
84 100
49 126.8 84.4 126.6#
51 40.9 26.0 39.0#
86 62.1 49.5 74.3



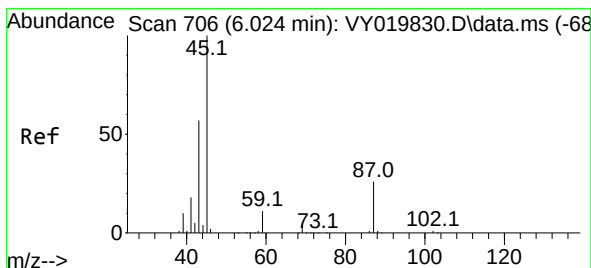
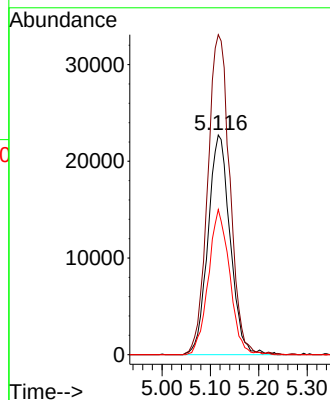
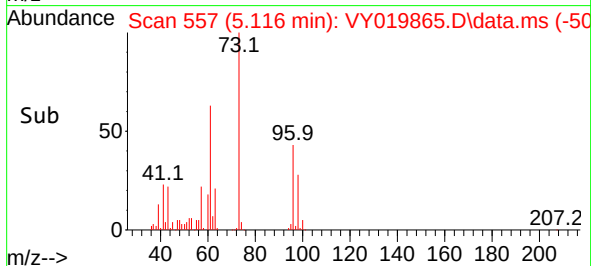


#21
trans-1,2-Dichloroethene
Concen: 19.451 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY019865.D
Acq: 11 Oct 2024 11:37

Instrument :
MSVOA_Y
ClientSampleId :

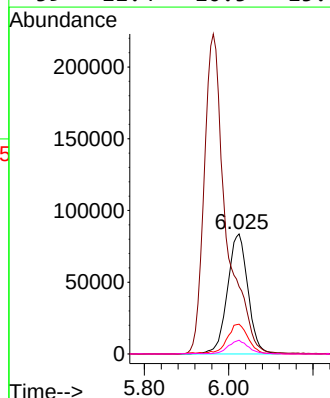
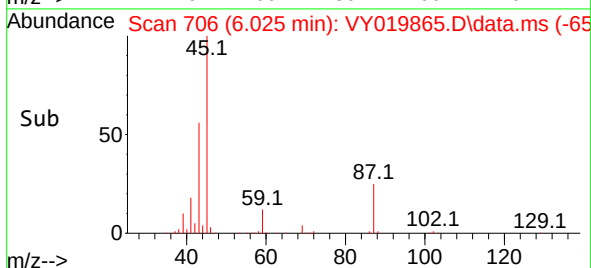
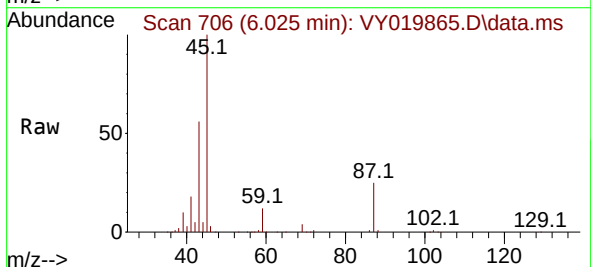


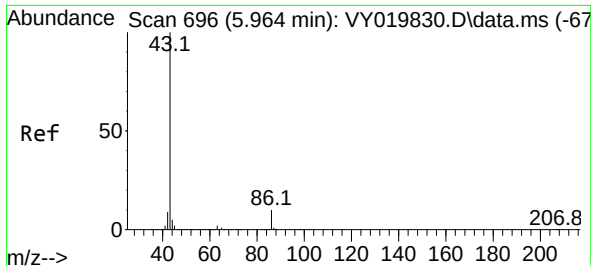
Tgt Ion: 96 Resp: 72094
Ion Ratio Lower Upper
96 100
61 145.7 97.5 146.3
98 66.1 50.5 75.7



#22
Diisopropyl ether
Concen: 21.014 ug/l
RT: 6.025 min Scan# 706
Delta R.T. 0.006 min
Lab File: VY019865.D
Acq: 11 Oct 2024 11:37

Tgt Ion: 45 Resp: 281252
Ion Ratio Lower Upper
45 100
43 56.0 42.2 63.2
87 24.6 25.0 37.6#
59 11.4 10.5 15.7

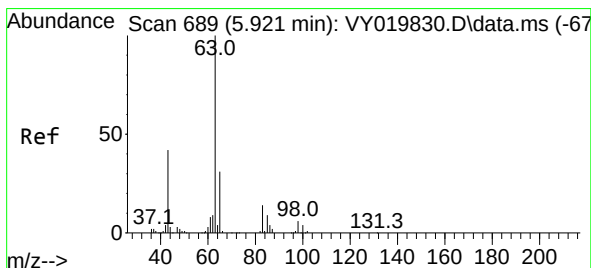
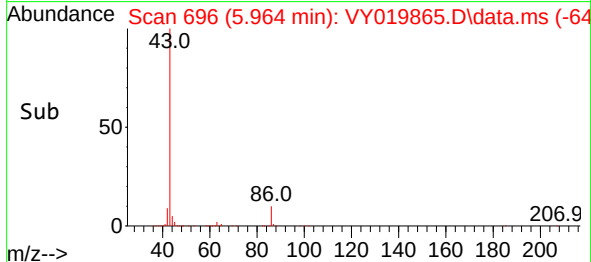
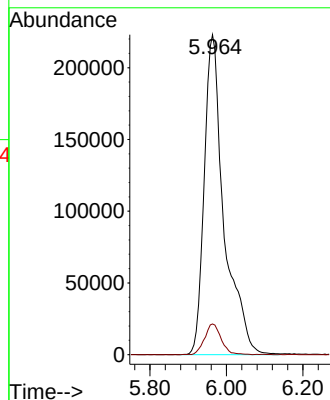
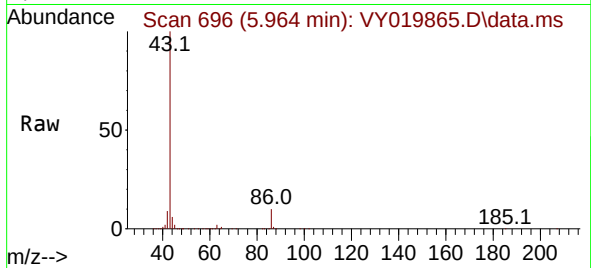




#23
 Vinyl Acetate
 Concen: 104.594 ug/l
 RT: 5.964 min Scan# 696
 Delta R.T. 0.006 min
 Lab File: VY019865.D
 Acq: 11 Oct 2024 11:37

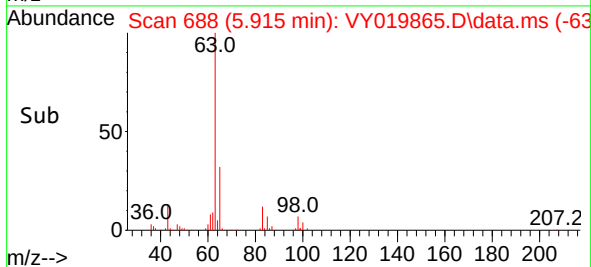
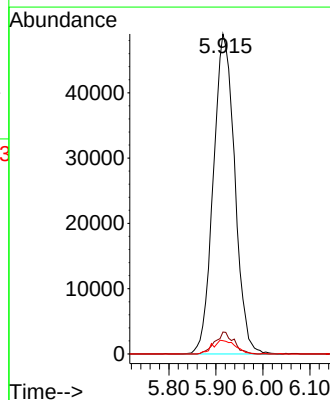
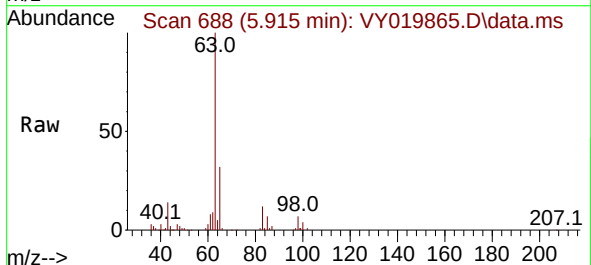
Instrument :
 MSVOA_Y
 ClientSampleId :

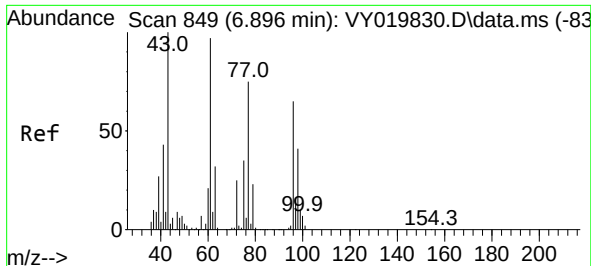
Tgt Ion: 43 Resp: 802511
 Ion Ratio Lower Upper
 43 100
 86 9.6 10.6 16.0#



#24
 1,1-Dichloroethane
 Concen: 20.902 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY019865.D
 Acq: 11 Oct 2024 11:37

Tgt Ion: 63 Resp: 155502
 Ion Ratio Lower Upper
 63 100
 98 6.8 4.0 12.2
 100 4.2 2.6 8.0

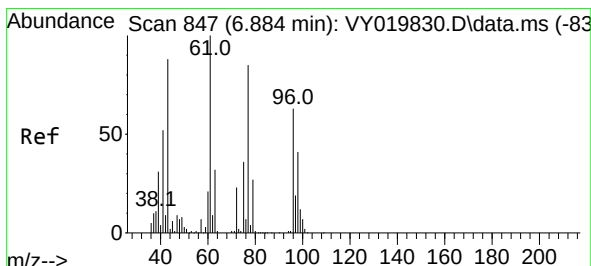
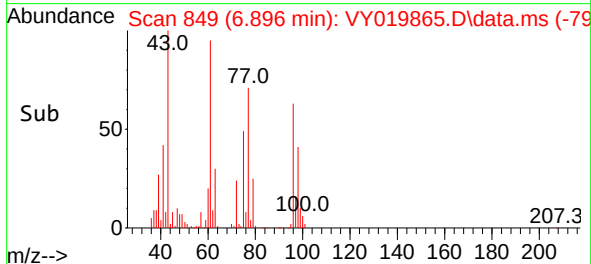
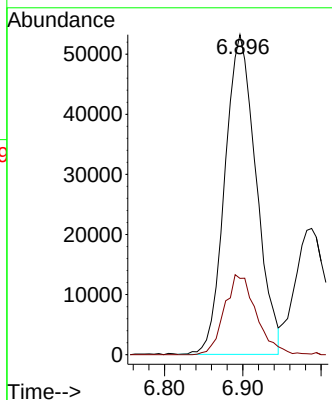
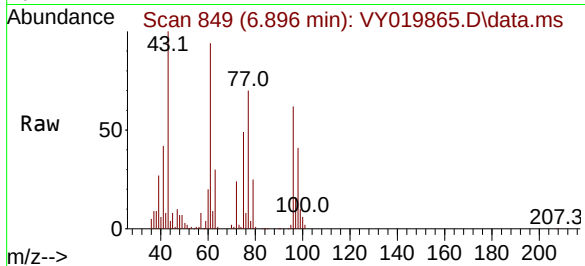




#25
2-Butanone
Concen: 108.353 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.006 min
Lab File: VY019865.D
Acq: 11 Oct 2024 11:37

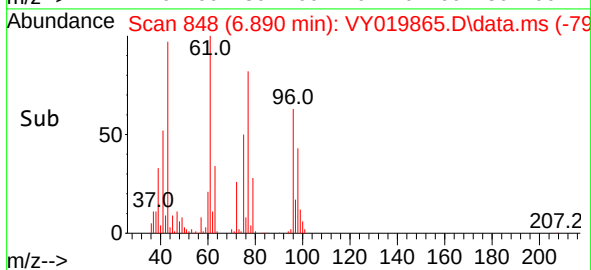
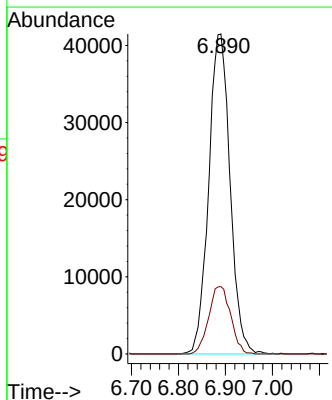
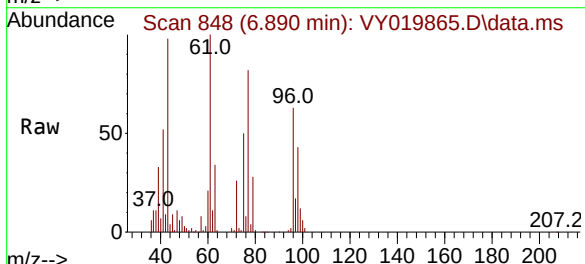
Instrument :
MSVOA_Y
ClientSampleId :

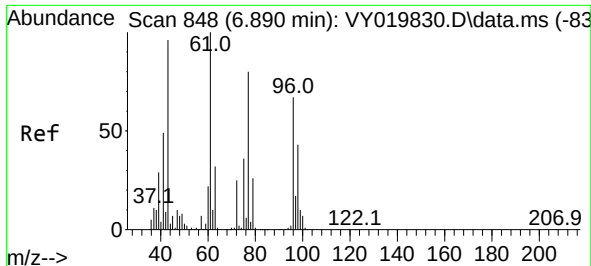
Tgt Ion: 43 Resp: 147567
Ion Ratio Lower Upper
43 100
72 23.9 27.3 40.9#



#26
2,2-Dichloropropane
Concen: 19.751 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY019865.D
Acq: 11 Oct 2024 11:37

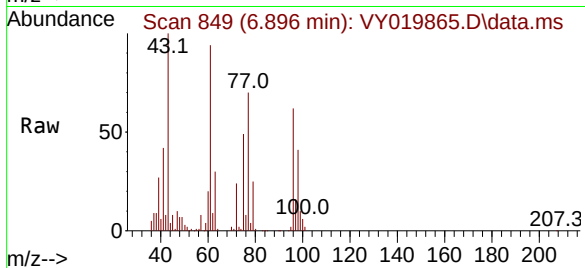
Tgt Ion: 77 Resp: 130865
Ion Ratio Lower Upper
77 100
97 21.6 12.0 36.1



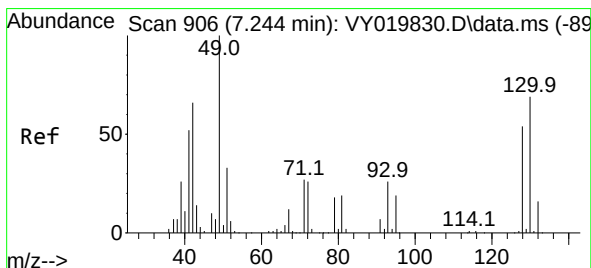
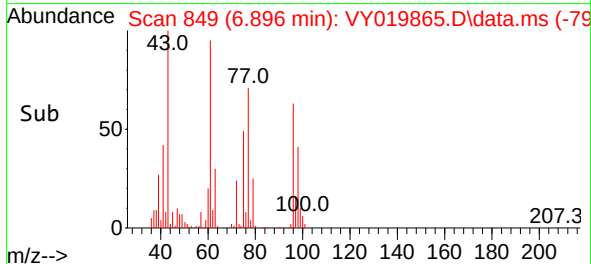
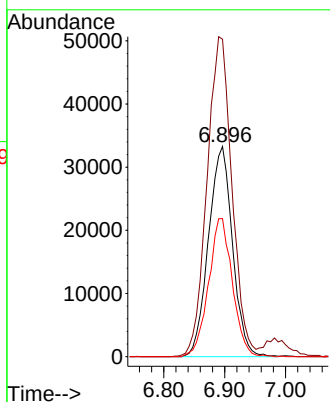


#27
 cis-1,2-Dichloroethene
 Concen: 19.922 ug/l
 RT: 6.896 min Scan# 849
 Delta R.T. 0.006 min
 Lab File: VY019865.D
 Acq: 11 Oct 2024 11:37

Instrument :
 MSVOA_Y
 ClientSampleId :

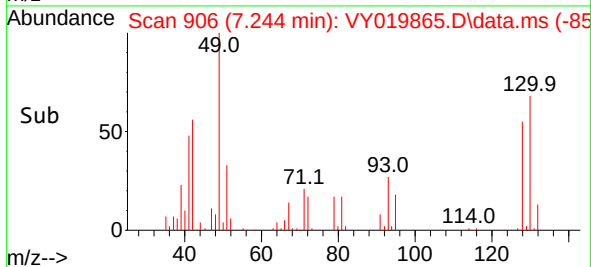
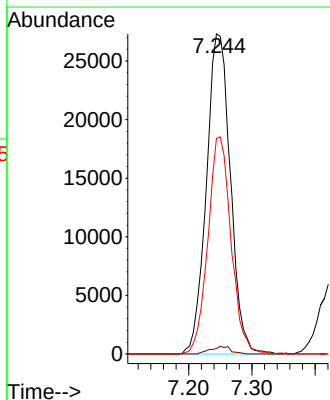
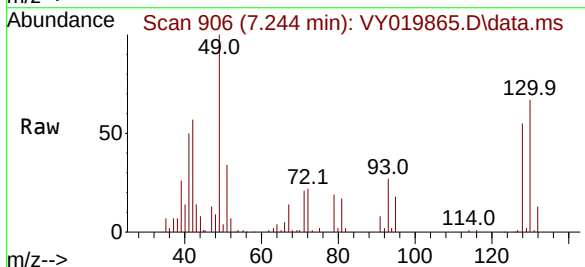


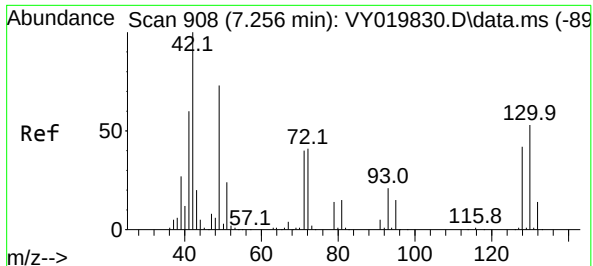
Tgt Ion: 96 Resp: 91251
 Ion Ratio Lower Upper
 96 100
 61 157.7 0.0 256.2
 98 65.2 0.0 130.0



#28
 Bromochloromethane
 Concen: 22.010 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. 0.000 min
 Lab File: VY019865.D
 Acq: 11 Oct 2024 11:37

Tgt Ion: 49 Resp: 72073
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.6
 130 65.4 72.7 109.1#





#29

Tetrahydrofuran

Concen: 105.755 ug/l

RT: 7.262 min Scan# 909

Delta R.T. 0.000 min

Lab File: VY019865.D

Acq: 11 Oct 2024 11:37

Instrument :

MSVOA_Y

ClientSampleId :

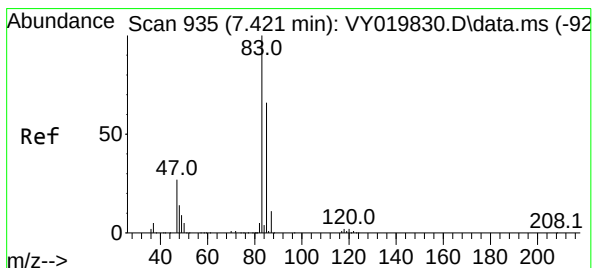
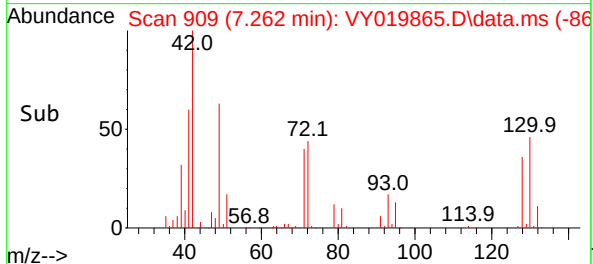
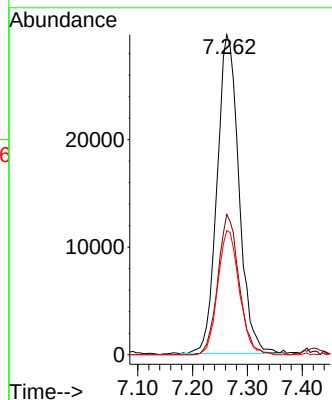
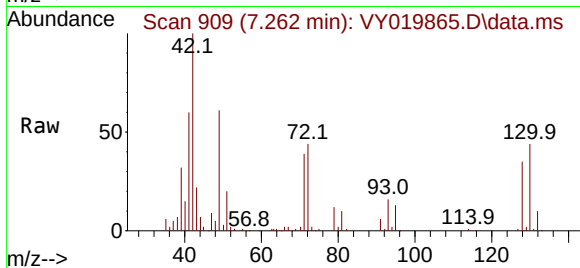
Tgt Ion: 42 Resp: 82237

Ion Ratio Lower Upper

42 100

72 42.6 43.0 64.4#

71 38.4 40.8 61.2#



#30

Chloroform

Concen: 20.769 ug/l

RT: 7.427 min Scan# 936

Delta R.T. 0.006 min

Lab File: VY019865.D

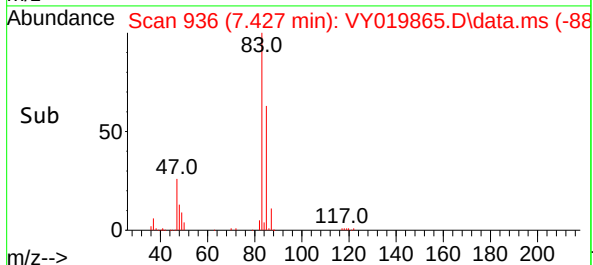
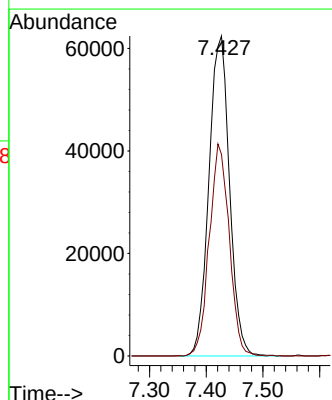
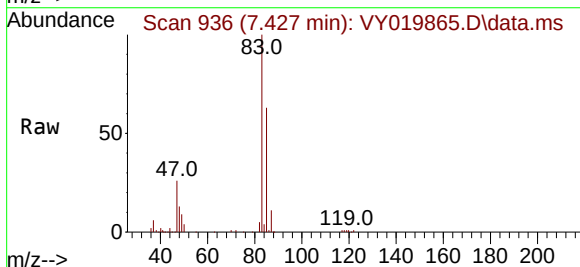
Acq: 11 Oct 2024 11:37

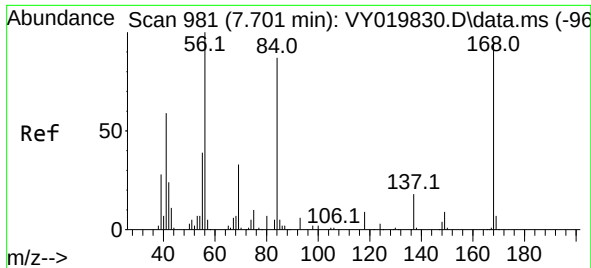
Tgt Ion: 83 Resp: 157510

Ion Ratio Lower Upper

83 100

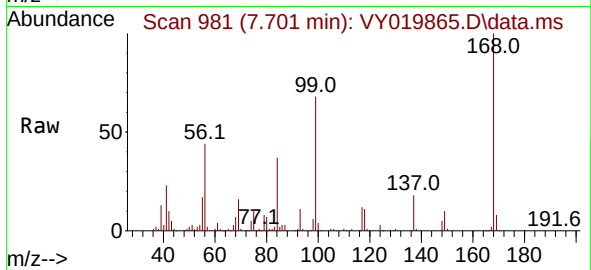
85 62.9 52.2 78.4



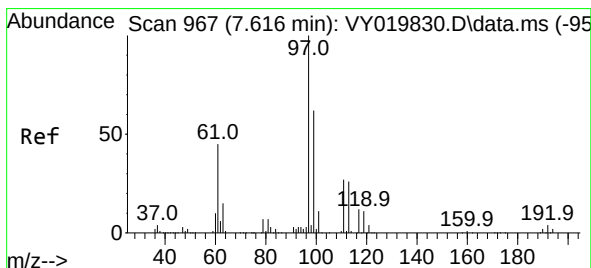
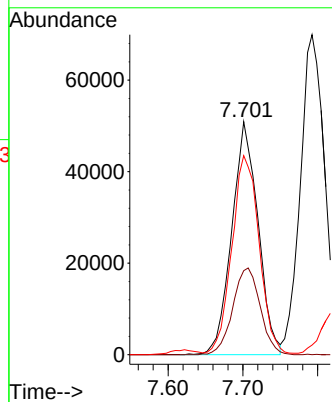
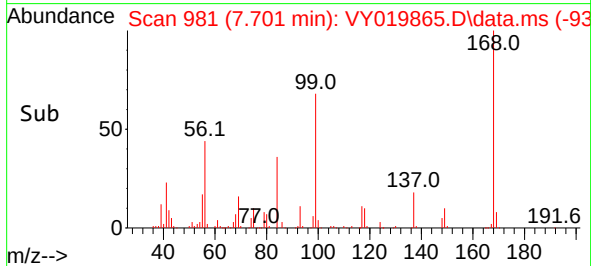


#31
Cyclohexane
Concen: 19.047 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY019865.D
Acq: 11 Oct 2024 11:37

Instrument :
MSVOA_Y
ClientSampleId :

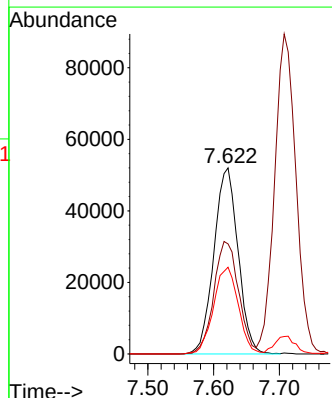
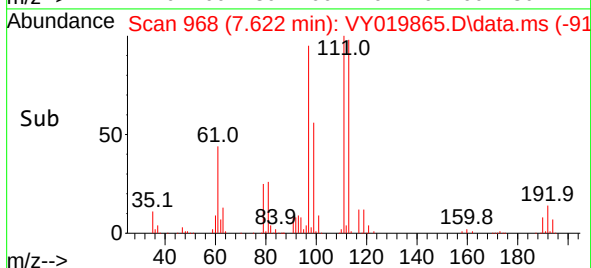
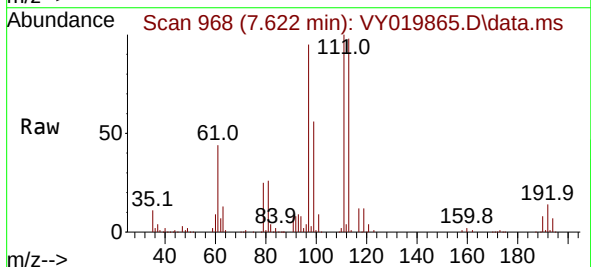


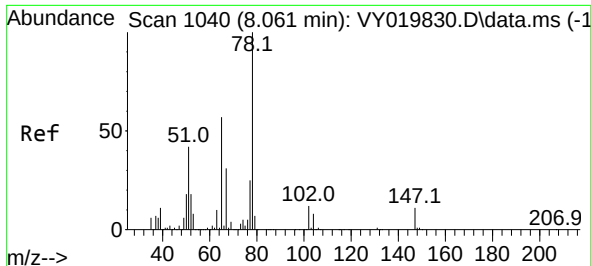
Tgt Ion: 56 Resp: 124392
Ion Ratio Lower Upper
56 100
69 36.1 28.7 43.1
84 83.7 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 20.044 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY019865.D
Acq: 11 Oct 2024 11:37

Tgt Ion: 97 Resp: 133217
Ion Ratio Lower Upper
97 100
99 61.9 50.3 75.5
61 47.9 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 52.284 ug/l

RT: 8.061 min Scan# 11040

Delta R.T. 0.000 min

Lab File: VY019865.D

Acq: 11 Oct 2024 11:37

Instrument :

MSVOA_Y

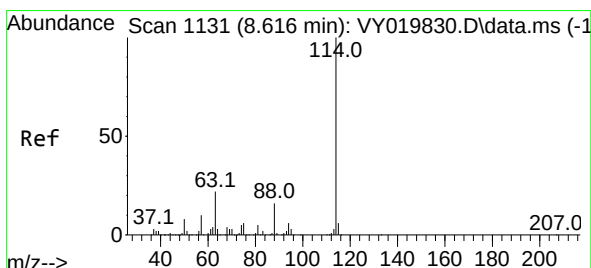
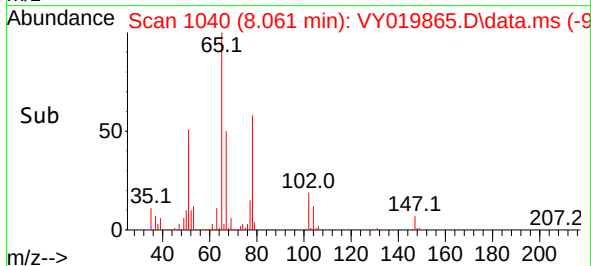
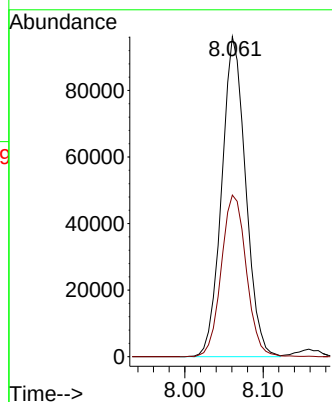
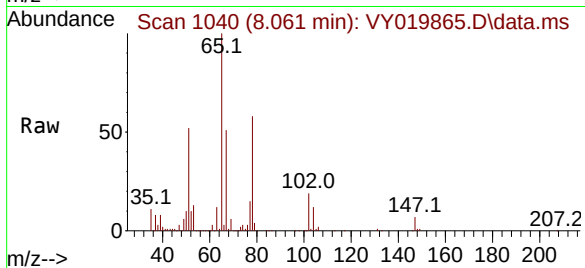
ClientSampleId :

Tgt Ion: 65 Resp: 204355

Ion Ratio Lower Upper

65 100

67 52.8 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY019865.D

Acq: 11 Oct 2024 11:37

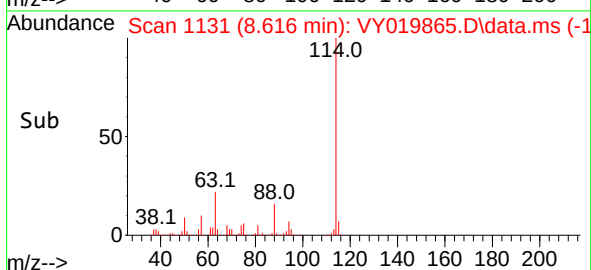
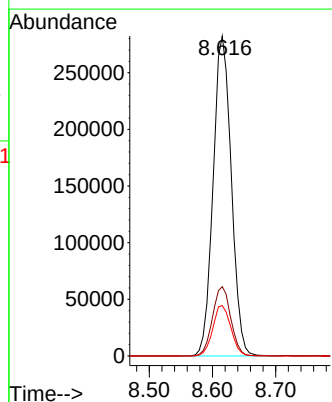
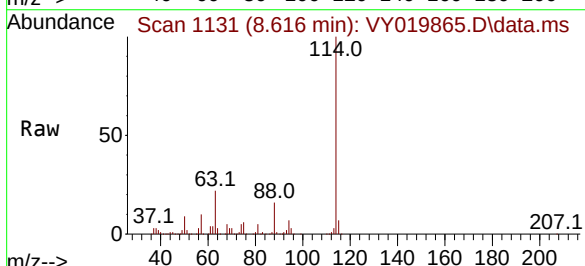
Tgt Ion: 114 Resp: 562573

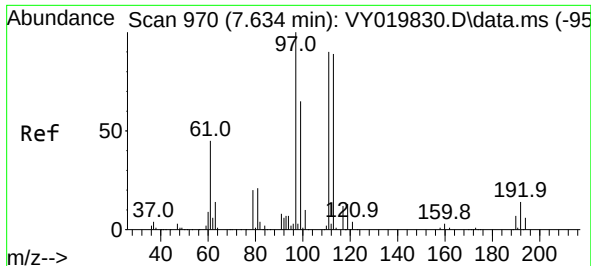
Ion Ratio Lower Upper

114 100

63 21.6 0.0 35.0

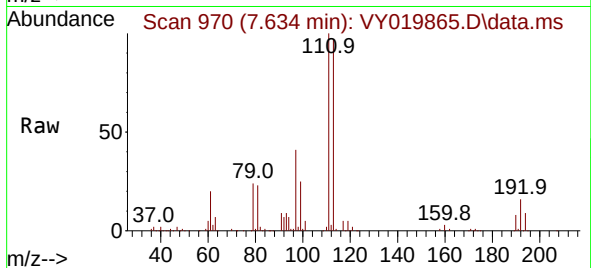
88 15.7 0.0 27.2



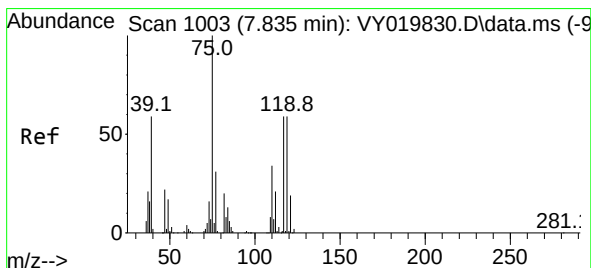
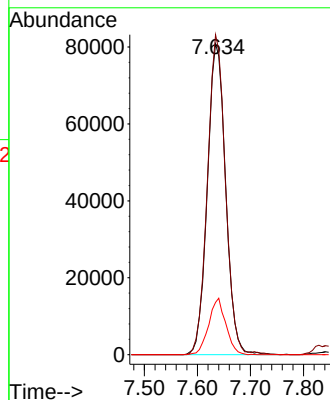
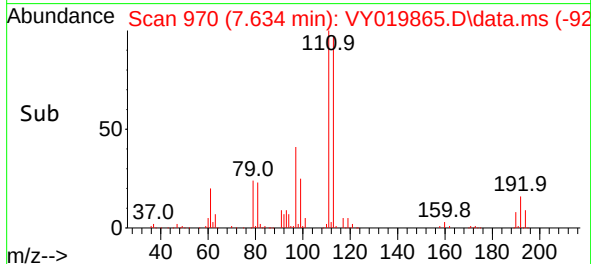


#35
Dibromofluoromethane
Concen: 52.228 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019865.D
Acq: 11 Oct 2024 11:37

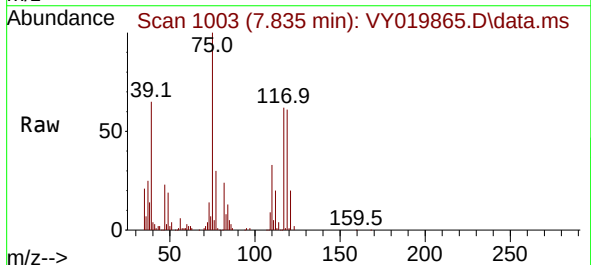
Instrument :
MSVOA_Y
ClientSampleId :



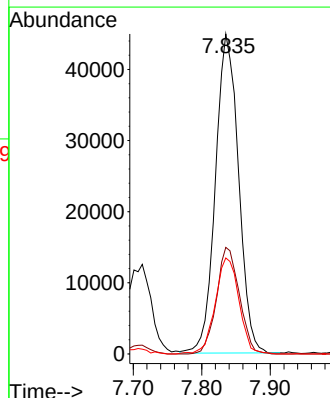
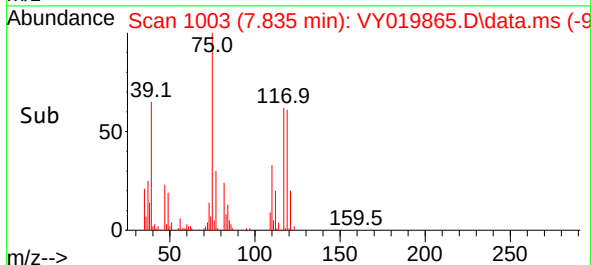
Tgt Ion:113 Resp: 193891
Ion Ratio Lower Upper
113 100
111 101.6 82.2 123.4
192 17.1 15.9 23.9

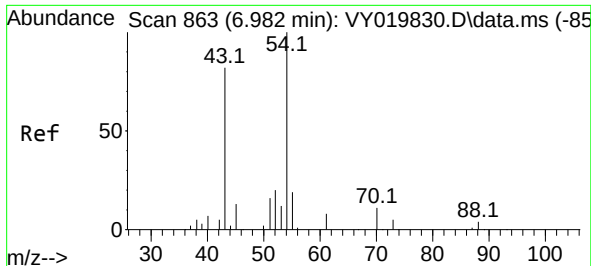


#36
1,1-Dichloropropene
Concen: 19.606 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY019865.D
Acq: 11 Oct 2024 11:37



Tgt Ion: 75 Resp: 104861
Ion Ratio Lower Upper
75 100
110 33.0 19.0 57.0
77 31.0 25.3 37.9





#37

Ethyl Acetate

Concen: 21.361 ug/l

RT: 6.988 min Scan# 80

Delta R.T. 0.006 min

Lab File: VY019865.D

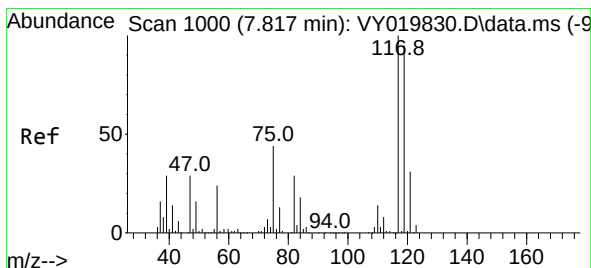
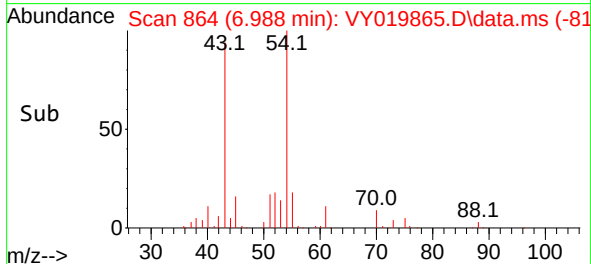
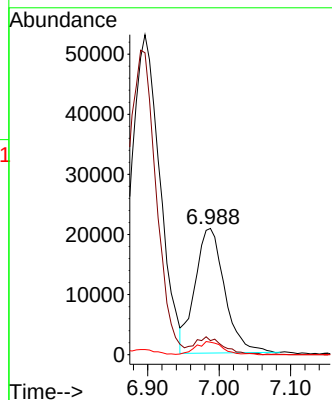
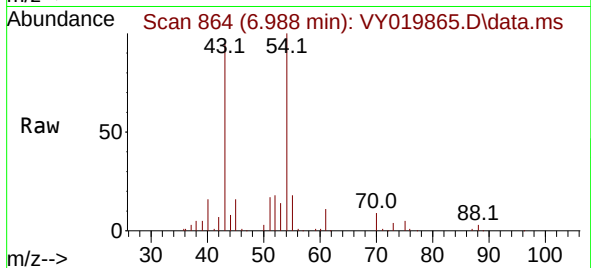
Acq: 11 Oct 2024 11:37

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 43	Resp: 59571
Ion Ratio	Lower Upper
43	100
61	13.5 12.6 19.0
70	9.6 7.8 11.8



#38

Carbon Tetrachloride

Concen: 19.405 ug/l

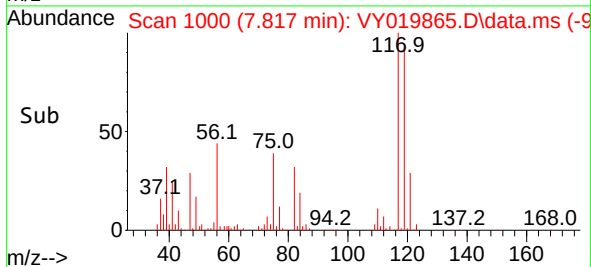
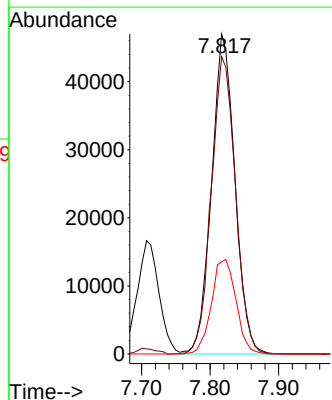
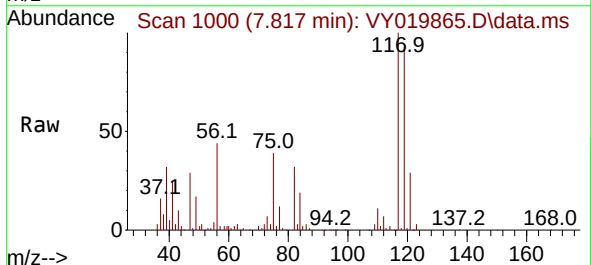
RT: 7.817 min Scan# 1000

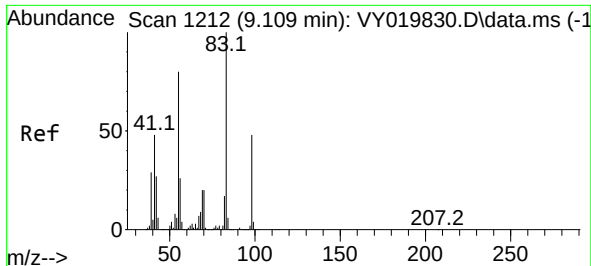
Delta R.T. 0.000 min

Lab File: VY019865.D

Acq: 11 Oct 2024 11:37

Tgt Ion: 117	Resp: 111262
Ion Ratio	Lower Upper
117	100
119	92.8 75.8 113.6
121	28.8 24.0 36.0





#39

Methylcyclohexane

Concen: 18.746 ug/l

RT: 9.109 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019865.D

Acq: 11 Oct 2024 11:37

Instrument :

MSVOA_Y

ClientSampleId :

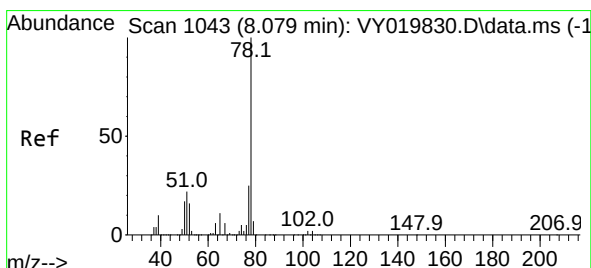
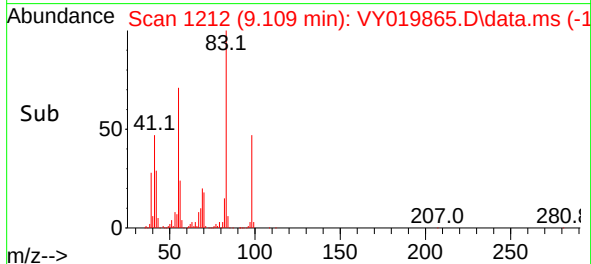
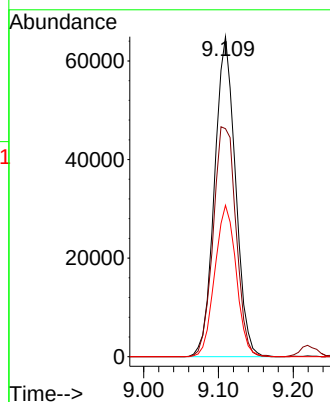
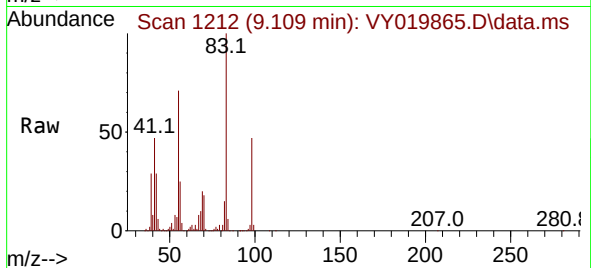
Tgt Ion: 83 Resp: 126330

Ion Ratio Lower Upper

83 100

55 71.3 51.5 77.3

98 47.3 40.5 60.7



#40

Benzene

Concen: 20.007 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VY019865.D

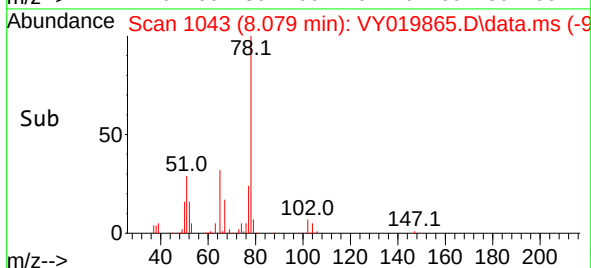
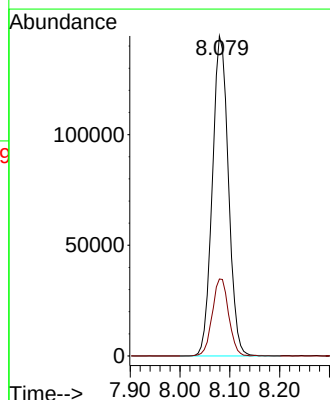
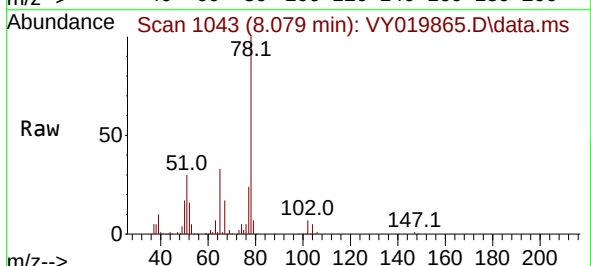
Acq: 11 Oct 2024 11:37

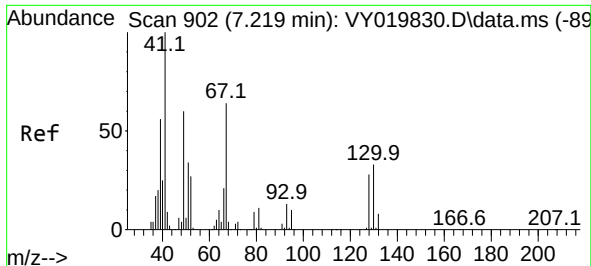
Tgt Ion: 78 Resp: 323834

Ion Ratio Lower Upper

78 100

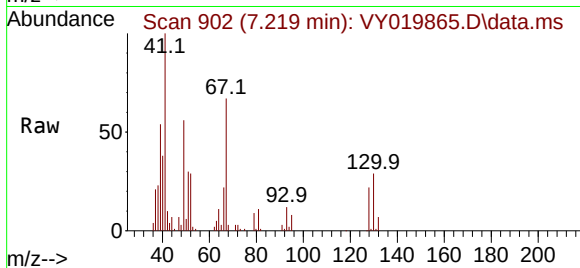
77 24.0 19.5 29.3



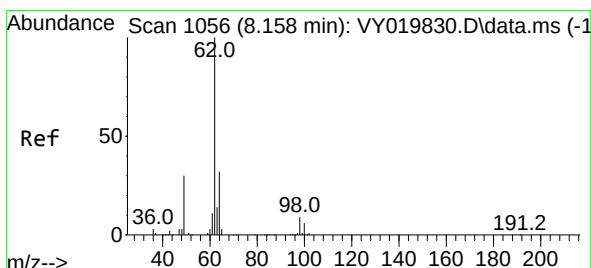
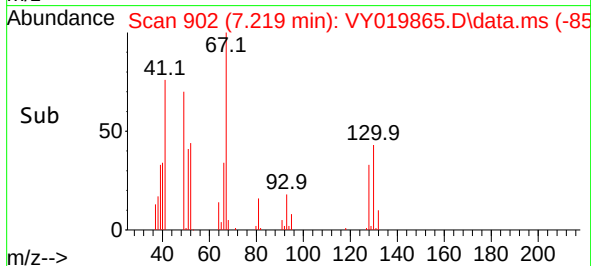
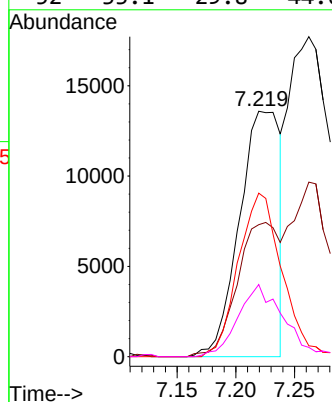


#41
Methacrylonitrile
Concen: 21.782 ug/l
RT: 7.219 min Scan# 902
Delta R.T. 0.000 min
Lab File: VY019865.D
Acq: 11 Oct 2024 11:37

Instrument :
MSVOA_Y
ClientSampleId :

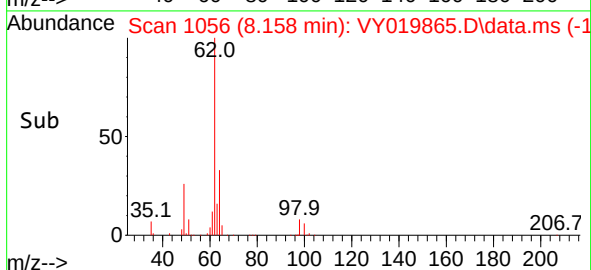
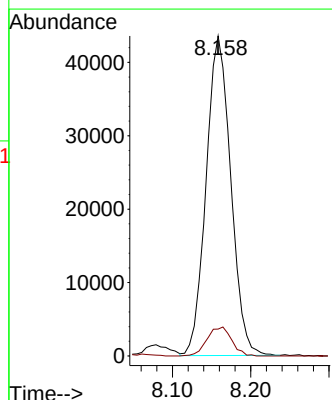
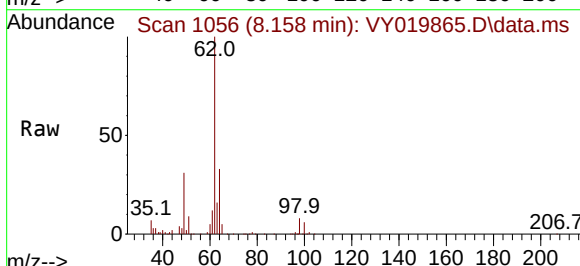


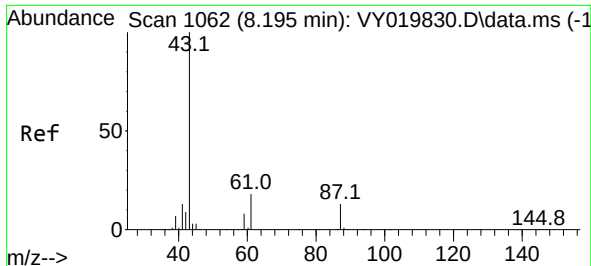
Tgt Ion:	41	Resp:	32877
Ion	Ratio	Lower	Upper
41	100		
39	56.3	48.0	72.0
67	71.7	75.1	112.7#
52	33.1	29.8	44.6



#42
1,2-Dichloroethane
Concen: 20.492 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY019865.D
Acq: 11 Oct 2024 11:37

Tgt Ion:	62	Resp:	95290
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	22.0





#43

Isopropyl Acetate

Concen: 20.749 ug/l

RT: 8.201 min Scan# 11063

Delta R.T. 0.006 min

Lab File: VY019865.D

Acq: 11 Oct 2024 11:37

Instrument :

MSVOA_Y

ClientSampleId :

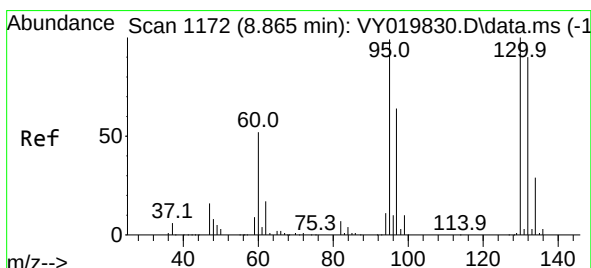
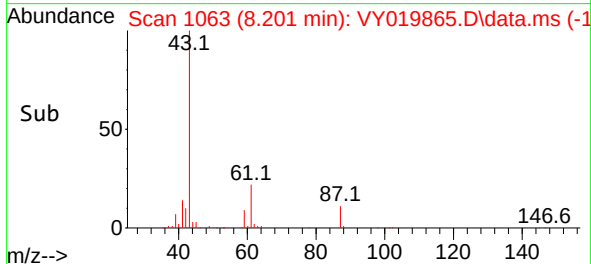
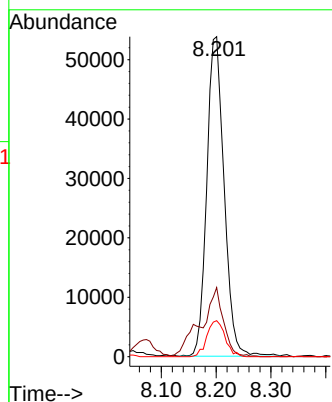
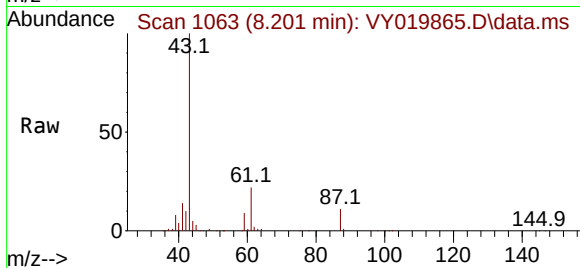
Tgt Ion: 43 Resp: 118010

Ion Ratio Lower Upper

43 100

61 18.5 27.9 41.9#

87 11.8 13.1 19.7#



#44

Trichloroethene

Concen: 19.113 ug/l

RT: 8.865 min Scan# 1172

Delta R.T. 0.000 min

Lab File: VY019865.D

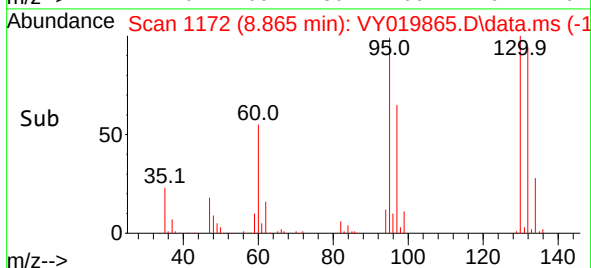
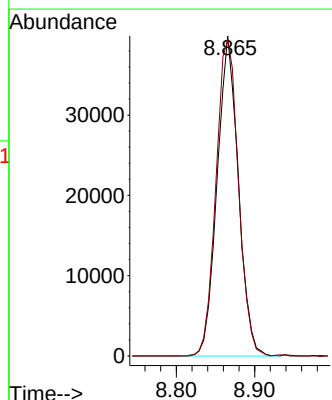
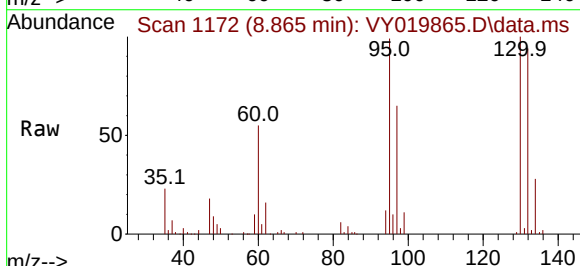
Acq: 11 Oct 2024 11:37

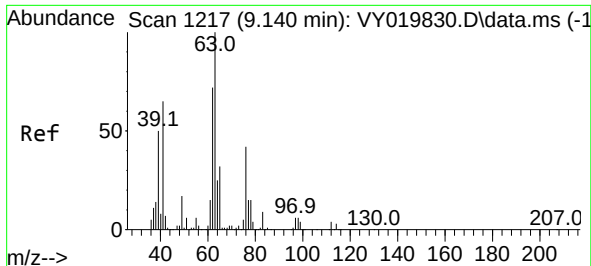
Tgt Ion:130 Resp: 74930

Ion Ratio Lower Upper

130 100

95 98.8 0.0 188.0





#45

1,2-Dichloropropane

Concen: 20.060 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY019865.D

Acq: 11 Oct 2024 11:37

Instrument :

MSVOA_Y

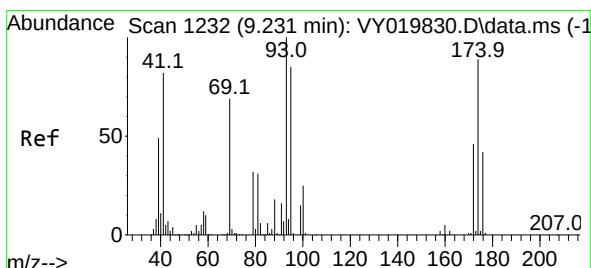
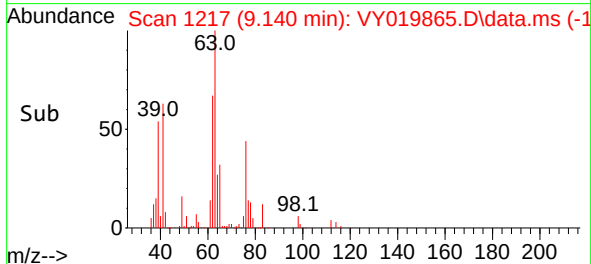
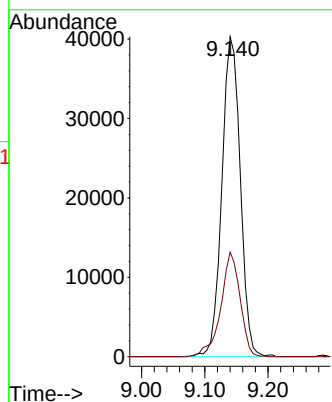
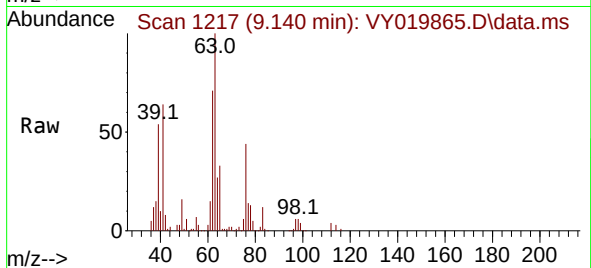
ClientSampleId :

Tgt Ion: 63 Resp: 81270

Ion Ratio Lower Upper

63 100

65 32.7 25.4 38.2



#46

Dibromomethane

Concen: 19.947 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY019865.D

Acq: 11 Oct 2024 11:37

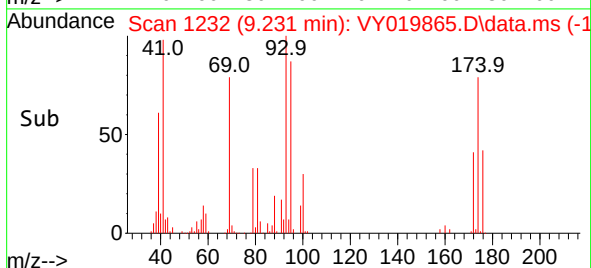
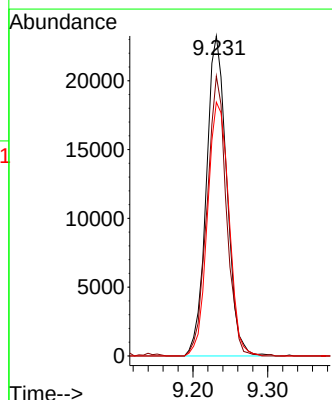
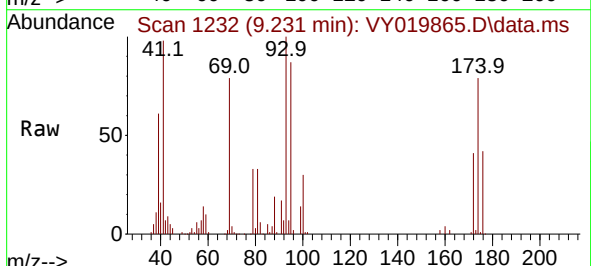
Tgt Ion: 93 Resp: 44152

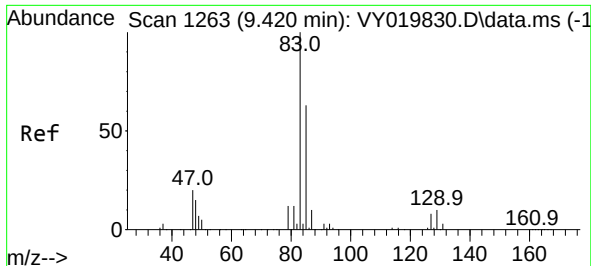
Ion Ratio Lower Upper

93 100

95 83.6 66.2 99.4

174 82.8 80.9 121.3





#47

Bromodichloromethane

Concen: 20.664 ug/l

RT: 9.426 min Scan# 1263

Delta R.T. 0.000 min

Lab File: VY019865.D

Acq: 11 Oct 2024 11:37

Instrument :

MSVOA_Y

ClientSampleId :

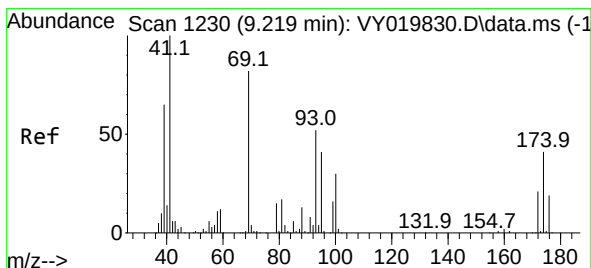
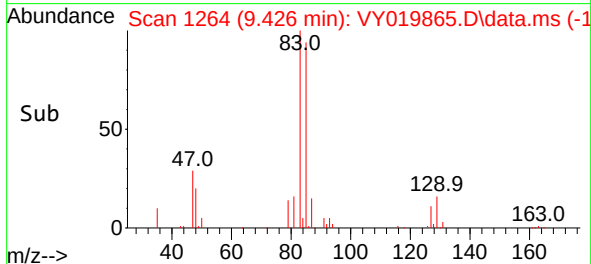
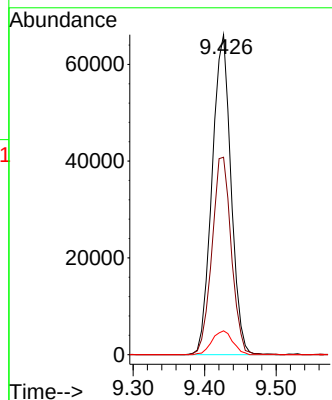
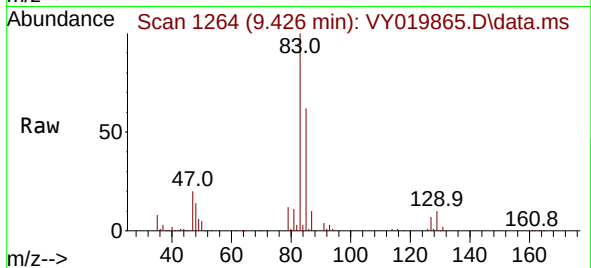
Tgt Ion: 83 Resp: 121409

Ion Ratio Lower Upper

83 100

85 61.7 50.1 75.1

127 7.4 7.4 11.0



#48

Methyl methacrylate

Concen: 20.995 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. 0.006 min

Lab File: VY019865.D

Acq: 11 Oct 2024 11:37

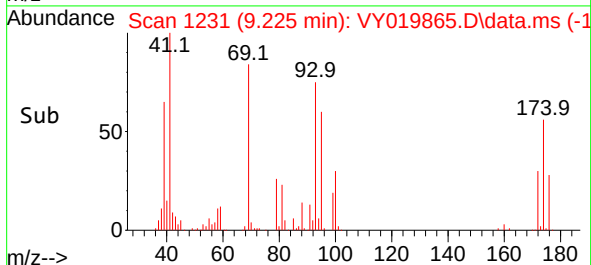
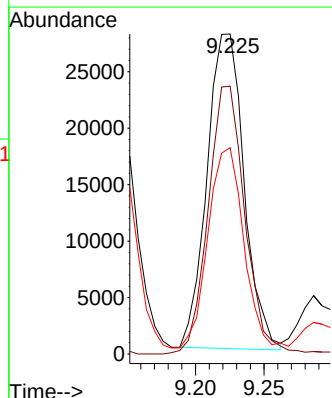
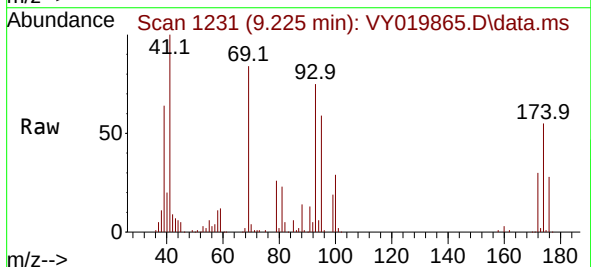
Tgt Ion: 41 Resp: 52525

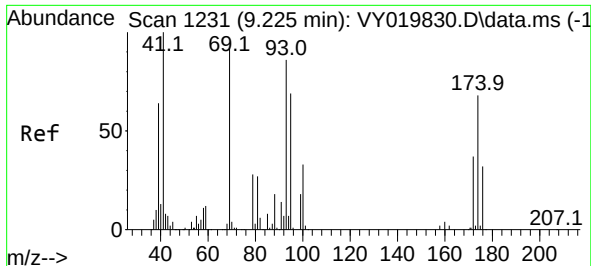
Ion Ratio Lower Upper

41 100

69 84.2 84.1 126.1

39 62.1 43.6 65.4





#49

1,4-Dioxane

Concen: 430.172 ug/l

RT: 9.231 min Scan# 1

Delta R.T. 0.000 min

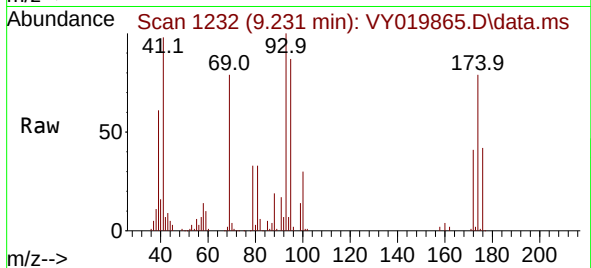
Lab File: VY019865.D

Acq: 11 Oct 2024 11:37

Instrument :

MSVOA_Y

ClientSampleId :



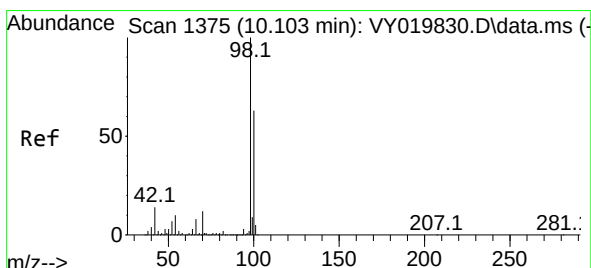
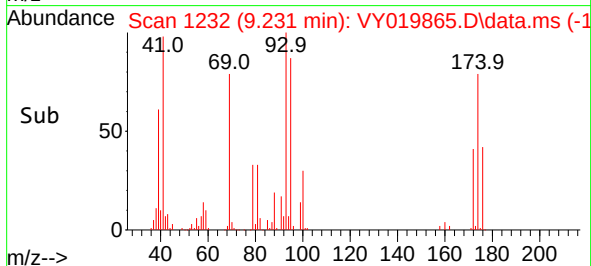
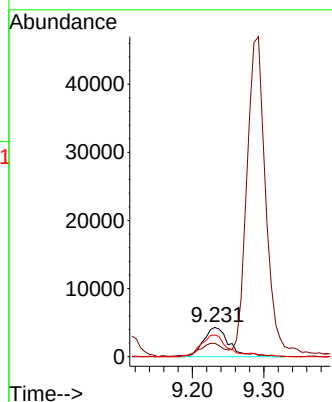
Tgt Ion: 88 Resp: 10657

Ion Ratio Lower Upper

88 100

43 40.9 0.0 0.0#

58 72.9 49.3 73.9



#50

Toluene-d8

Concen: 51.535 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY019865.D

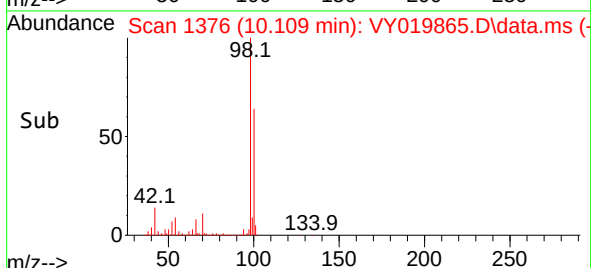
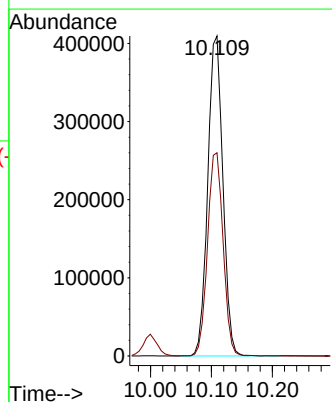
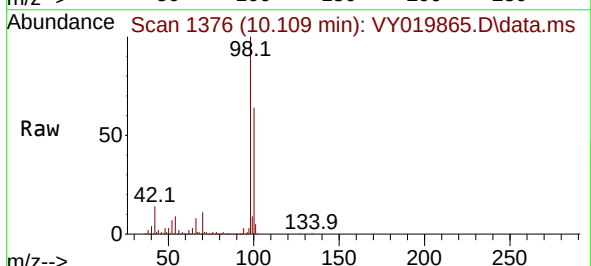
Acq: 11 Oct 2024 11:37

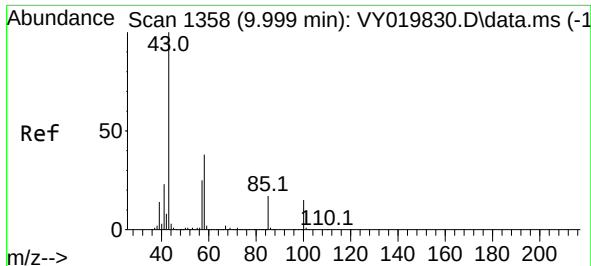
Tgt Ion: 98 Resp: 706509

Ion Ratio Lower Upper

98 100

100 65.2 52.0 78.0

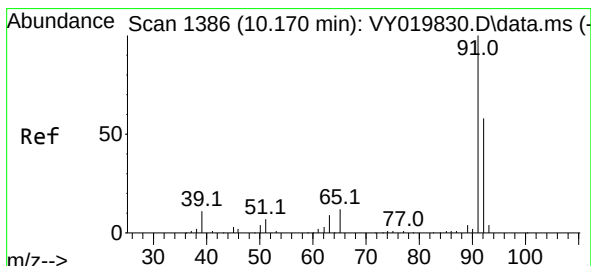
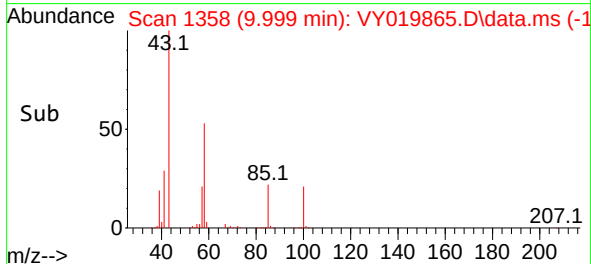
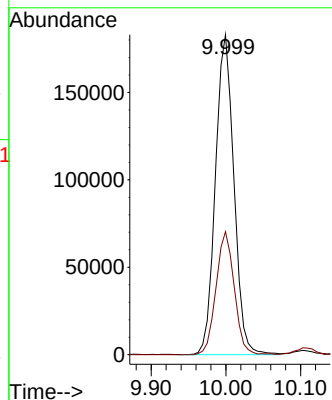
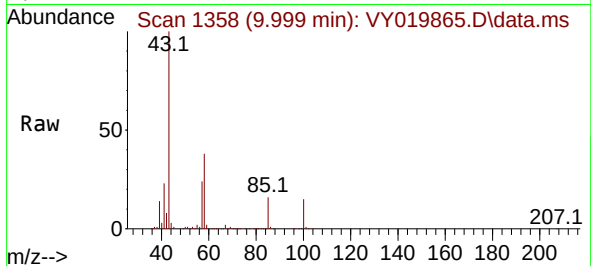




#51
4-Methyl-2-Pentanone
Concen: 108.379 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY019865.D
Acq: 11 Oct 2024 11:37

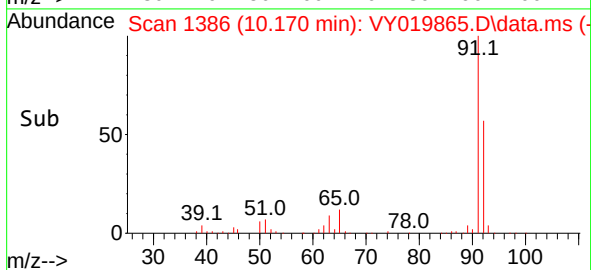
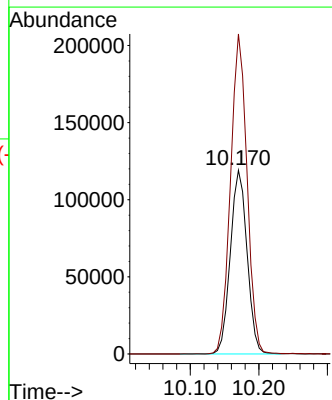
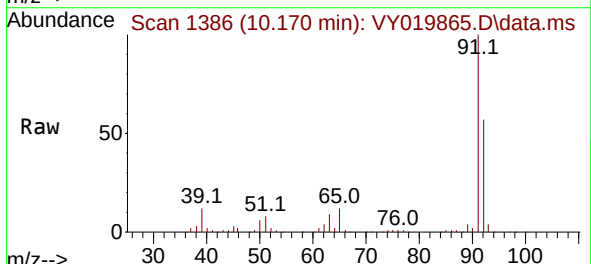
Instrument :
MSVOA_Y
ClientSampleId :

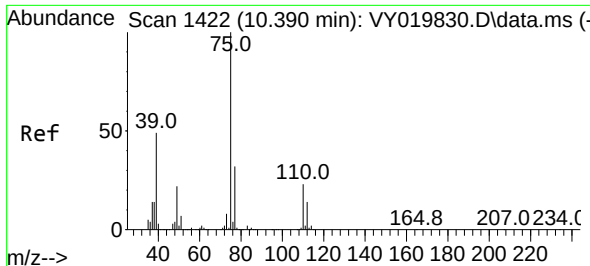
Tgt Ion: 43 Resp: 314407
Ion Ratio Lower Upper
43 100
58 37.9 35.7 53.5



#52
Toluene
Concen: 20.005 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY019865.D
Acq: 11 Oct 2024 11:37

Tgt Ion: 92 Resp: 202120
Ion Ratio Lower Upper
92 100
91 171.9 139.0 208.6

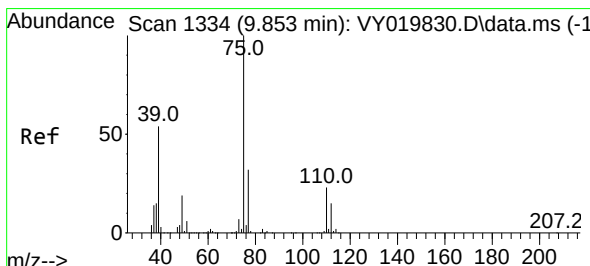
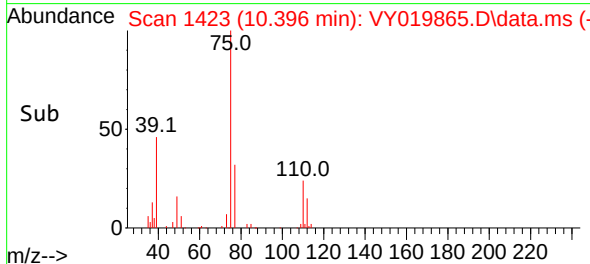
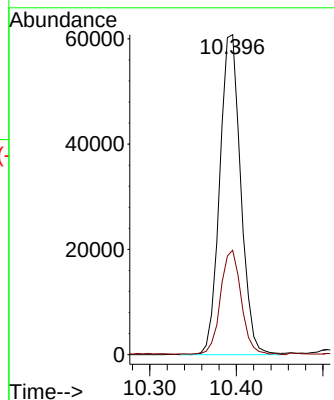
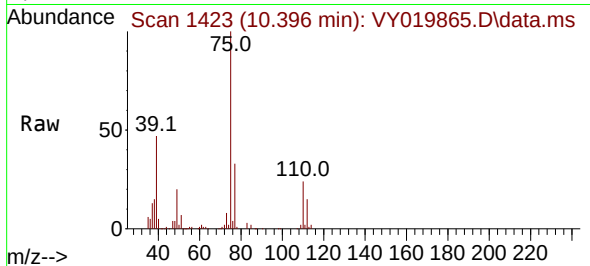




#53
 t-1,3-Dichloropropene
 Concen: 19.376 ug/l
 RT: 10.396 min Scan# 1422
 Delta R.T. 0.000 min
 Lab File: VY019865.D
 Acq: 11 Oct 2024 11:37

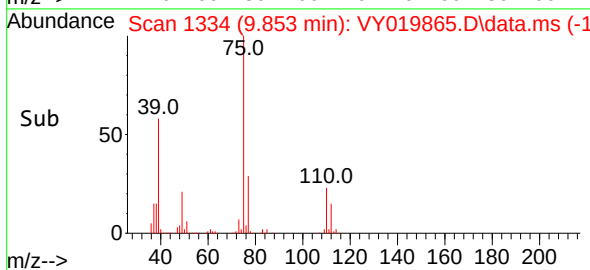
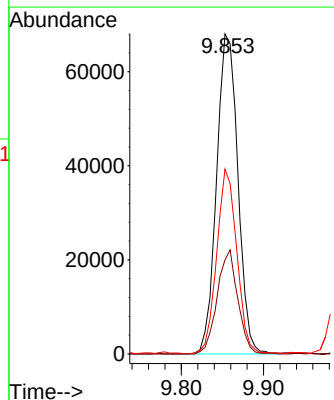
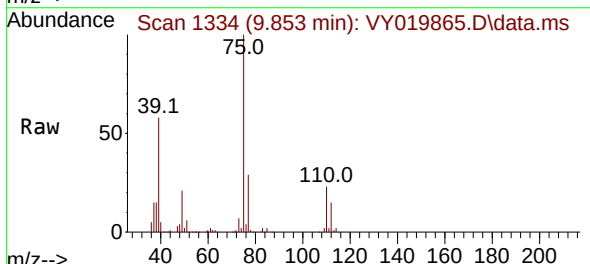
Instrument :
 MSVOA_Y
 ClientSampleId :

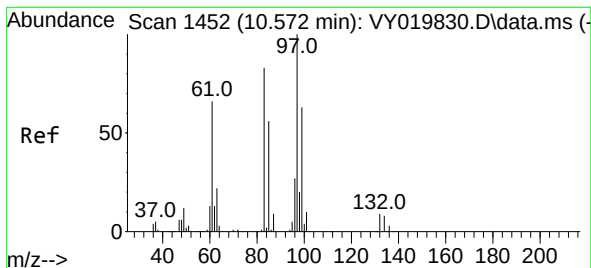
Tgt Ion: 75 Resp: 102427
 Ion Ratio Lower Upper
 75 100
 77 32.5 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 19.681 ug/l
 RT: 9.853 min Scan# 1334
 Delta R.T. -0.006 min
 Lab File: VY019865.D
 Acq: 11 Oct 2024 11:37

Tgt Ion: 75 Resp: 122765
 Ion Ratio Lower Upper
 75 100
 77 29.4 25.4 38.0
 39 57.5 29.8 44.6#





#55

1,1,2-Trichloroethane

Concen: 21.073 ug/l

RT: 10.572 min Scan# 1452

Delta R.T. 0.000 min

Lab File: VY019865.D

Acq: 11 Oct 2024 11:37

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 61453

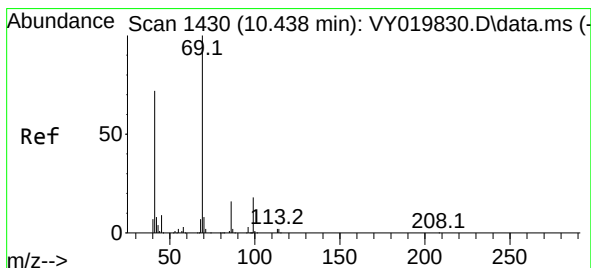
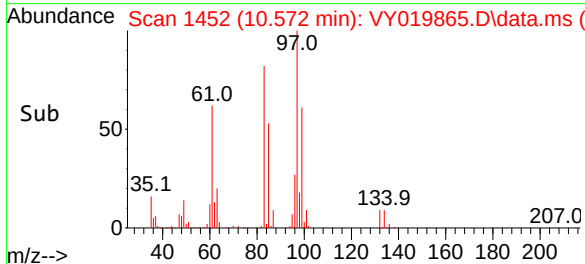
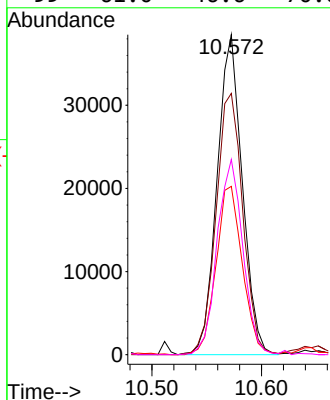
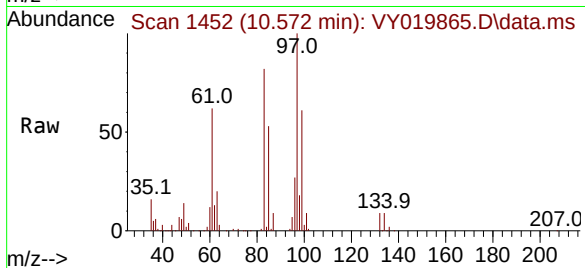
Ion Ratio Lower Upper

97 100

83 81.7 67.5 101.3

85 52.6 42.9 64.3

99 61.0 46.6 70.0



#56

Ethyl methacrylate

Concen: 20.446 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VY019865.D

Acq: 11 Oct 2024 11:37

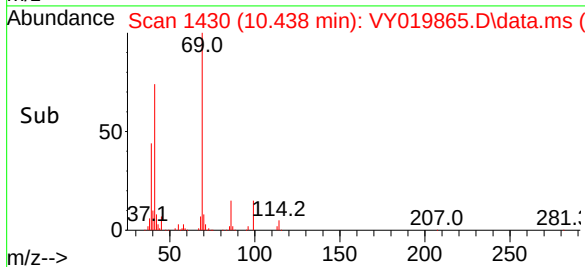
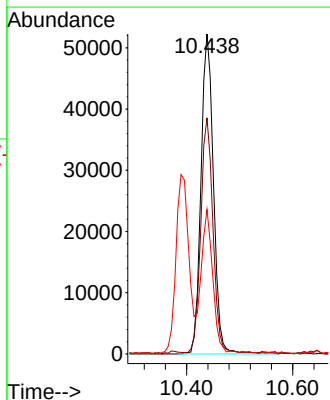
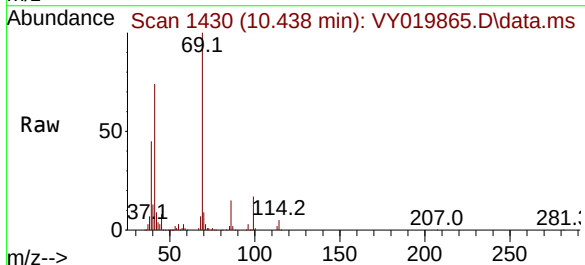
Tgt Ion: 69 Resp: 85556

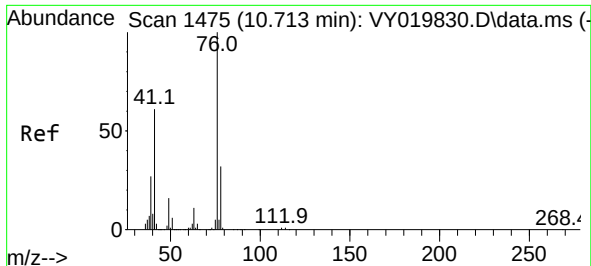
Ion Ratio Lower Upper

69 100

41 71.1 42.3 63.5#

39 42.1 22.9 34.3#





#57

1,3-Dichloropropane

Concen: 20.770 ug/l

RT: 10.713 min Scan# 1475

Delta R.T. -0.006 min

Lab File: VY019865.D

Acq: 11 Oct 2024 11:37

Instrument :

MSVOA_Y

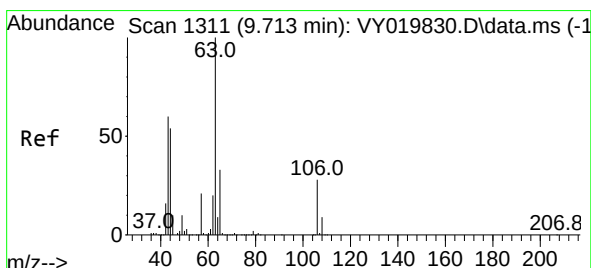
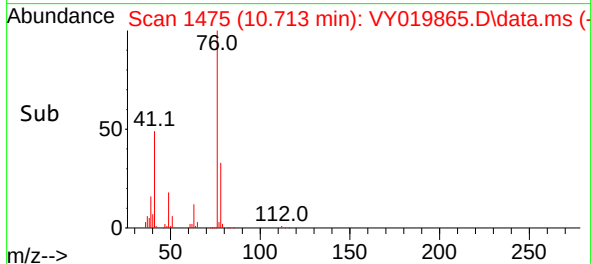
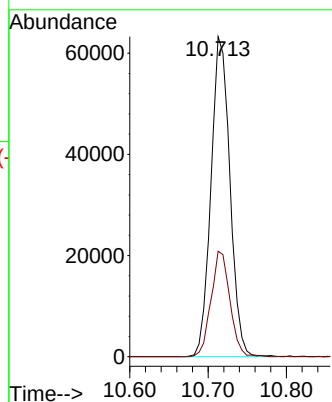
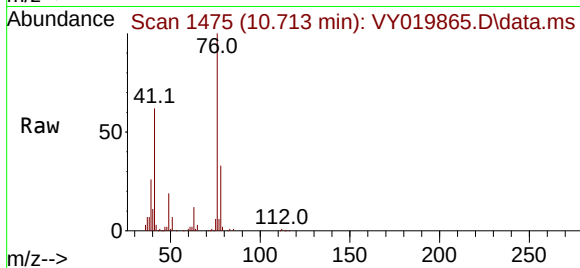
ClientSampleId :

Tgt Ion: 76 Resp: 106370

Ion Ratio Lower Upper

76 100

78 32.7 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 101.393 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY019865.D

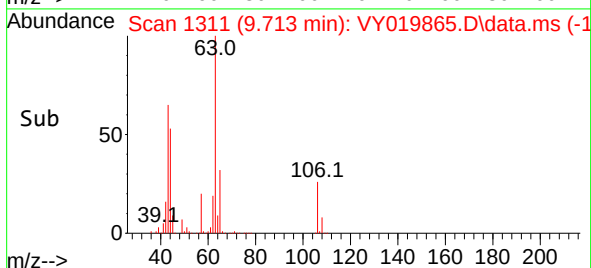
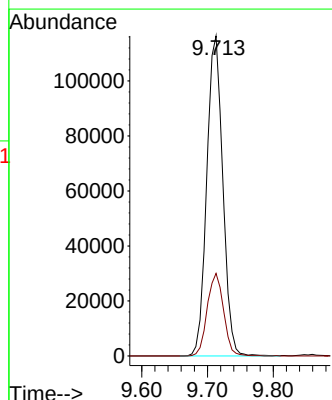
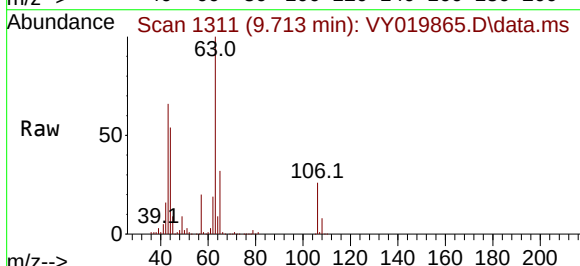
Acq: 11 Oct 2024 11:37

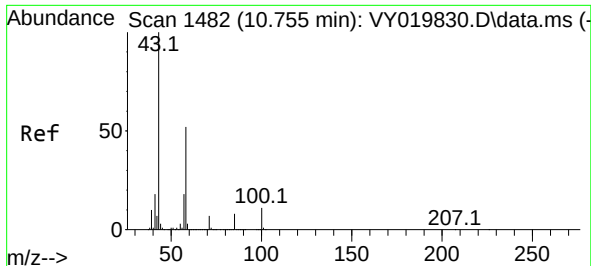
Tgt Ion: 63 Resp: 197517

Ion Ratio Lower Upper

63 100

106 26.2 23.7 35.5

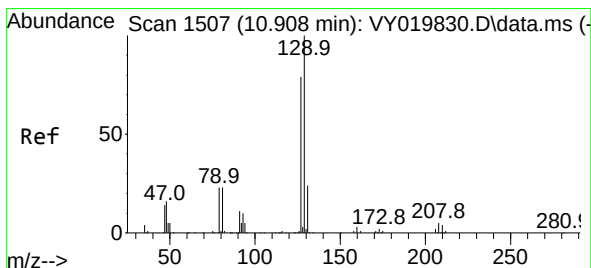
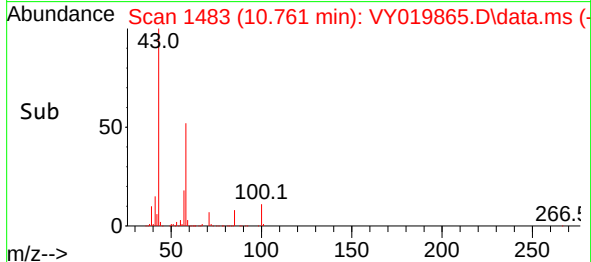
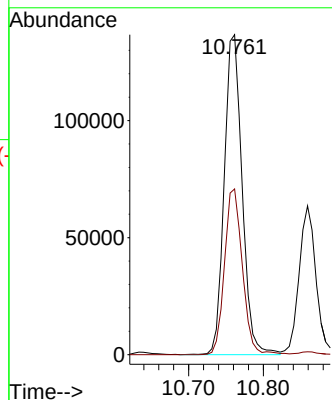
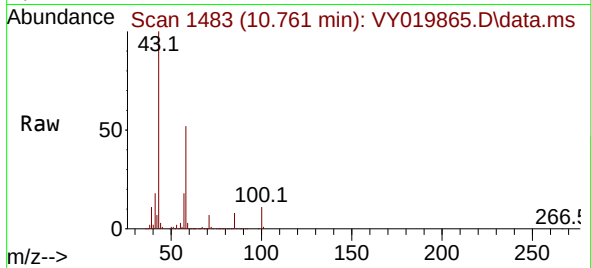




#59
2-Hexanone
Concen: 110.046 ug/l
RT: 10.761 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY019865.D
Acq: 11 Oct 2024 11:37

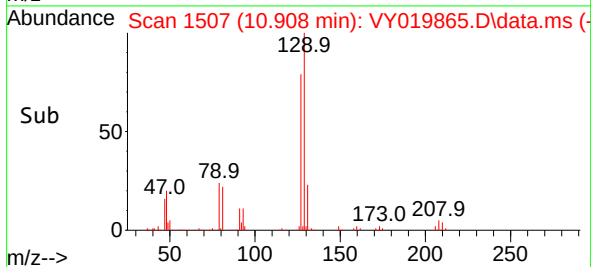
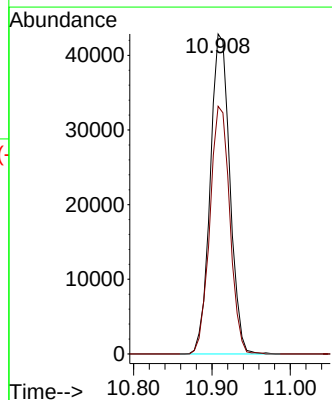
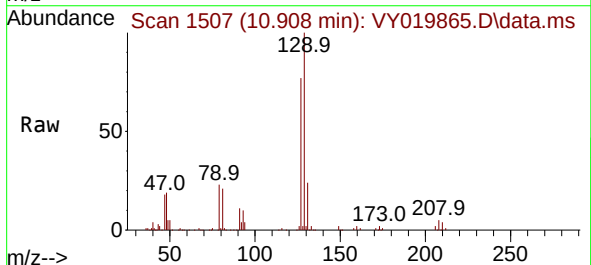
Instrument :
MSVOA_Y
ClientSampleId :

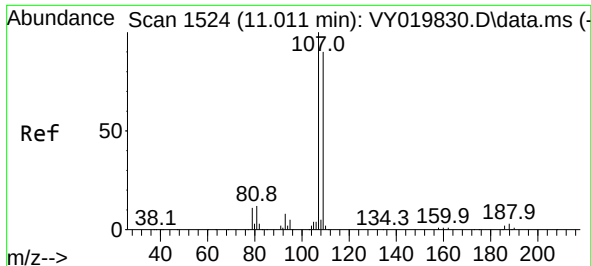
Tgt Ion: 43 Resp: 228014
Ion Ratio Lower Upper
43 100
58 51.8 31.4 94.0



#60
Dibromochloromethane
Concen: 19.905 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.006 min
Lab File: VY019865.D
Acq: 11 Oct 2024 11:37

Tgt Ion: 129 Resp: 74505
Ion Ratio Lower Upper
129 100
127 78.6 39.0 117.0

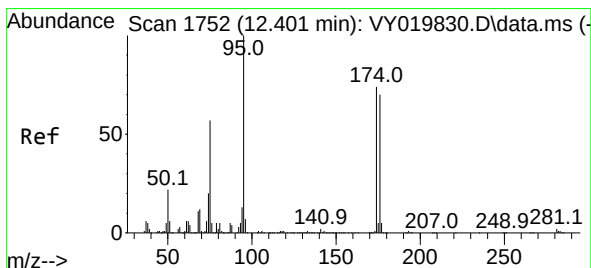
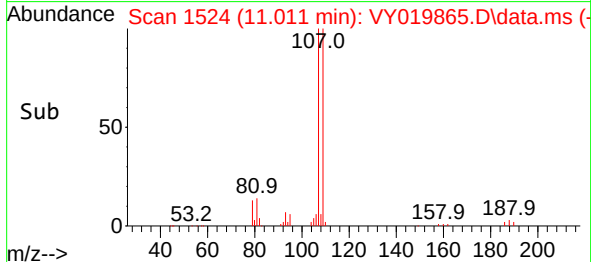
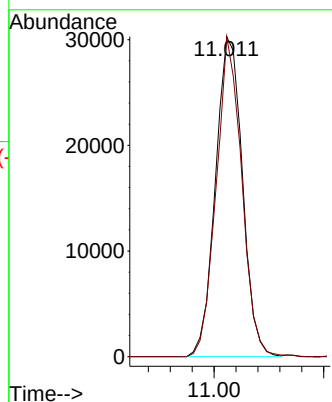
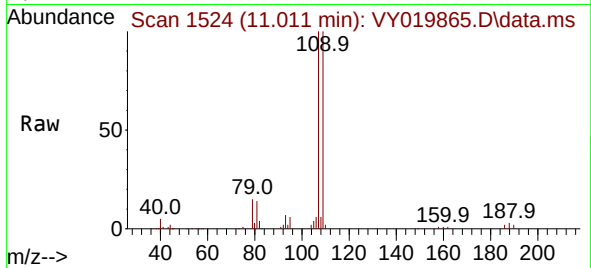




#61
1,2-Dibromoethane
Concen: 19.590 ug/l
RT: 11.011 min Scan# 1524
Delta R.T. -0.006 min
Lab File: VY019865.D
Acq: 11 Oct 2024 11:37

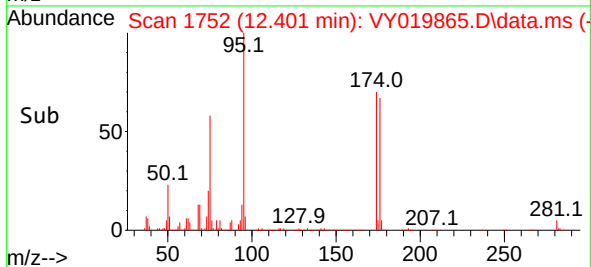
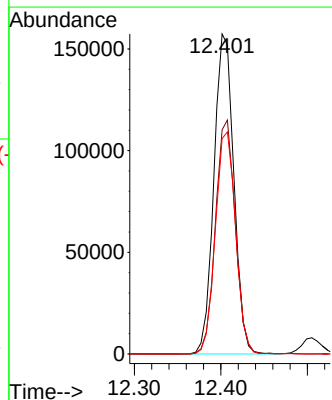
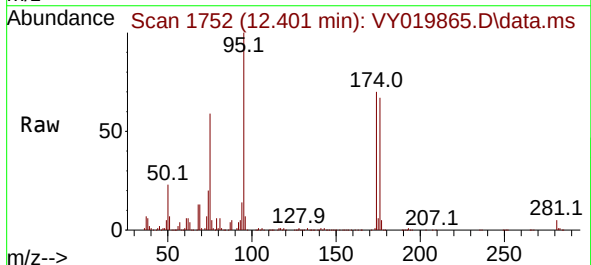
Instrument :
MSVOA_Y
ClientSampleId :

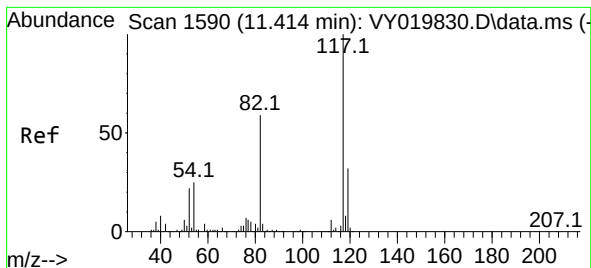
Tgt Ion:107 Resp: 51625
Ion Ratio Lower Upper
107 100
109 94.6 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 50.755 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY019865.D
Acq: 11 Oct 2024 11:37

Tgt Ion: 95 Resp: 251418
Ion Ratio Lower Upper
95 100
174 72.5 0.0 175.6
176 70.6 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

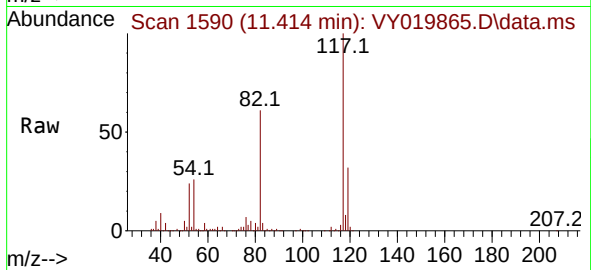
Lab File: VY019865.D

Acq: 11 Oct 2024 11:37

Instrument :

MSVOA_Y

ClientSampleId :



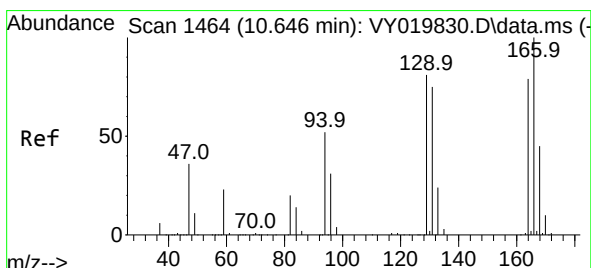
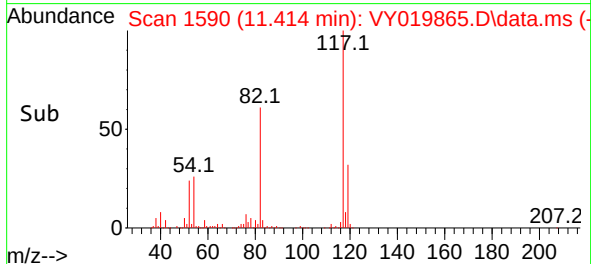
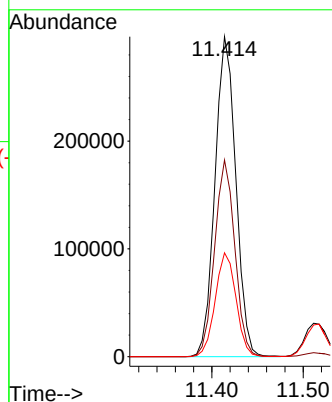
Tgt Ion:117 Resp: 470630

Ion Ratio Lower Upper

117 100

82 61.5 42.4 63.6

119 32.5 25.9 38.9



#64

Tetrachloroethene

Concen: 19.345 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VY019865.D

Acq: 11 Oct 2024 11:37

Tgt Ion:164 Resp: 64757

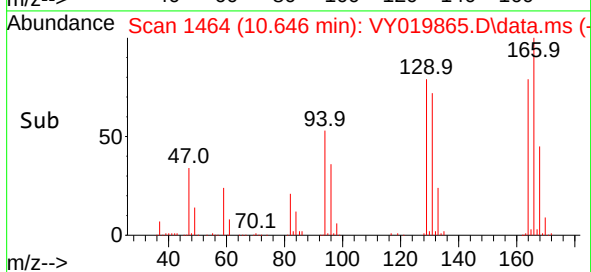
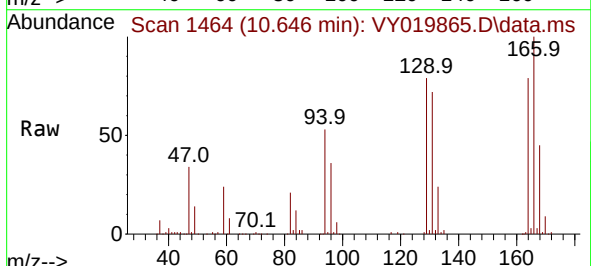
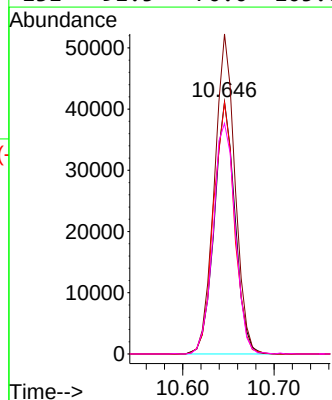
Ion Ratio Lower Upper

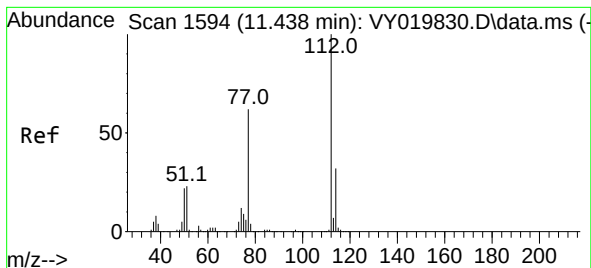
164 100

166 126.9 102.6 154.0

129 99.8 72.0 108.0

131 91.5 70.0 105.0





#65

Chlorobenzene

Concen: 20.352 ug/l

RT: 11.438 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY019865.D

Acq: 11 Oct 2024 11:37

Instrument :

MSVOA_Y

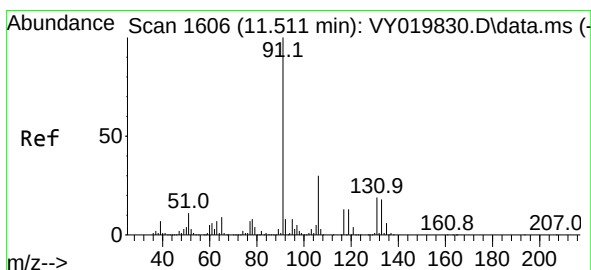
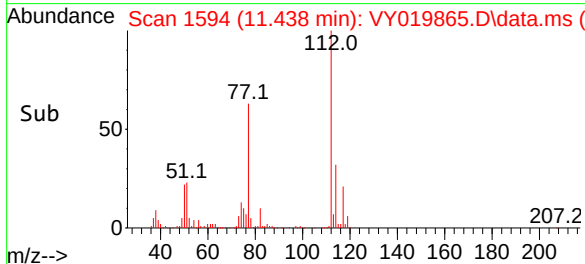
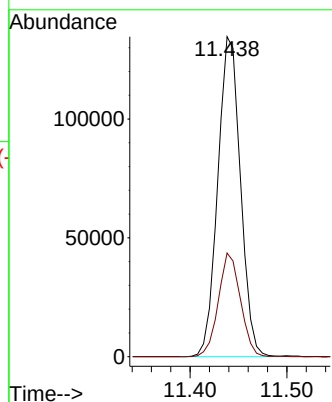
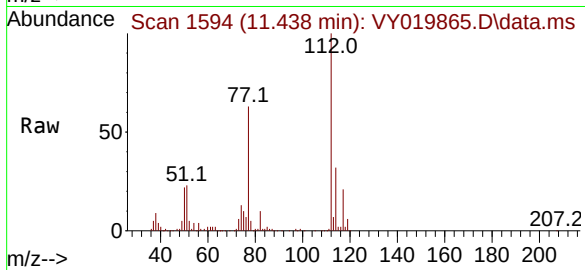
ClientSampleId :

Tgt Ion:112 Resp: 219074

Ion Ratio Lower Upper

112 100

114 32.4 26.4 39.6



#66

1,1,1,2-Tetrachloroethane

Concen: 20.444 ug/l

RT: 11.511 min Scan# 1606

Delta R.T. -0.006 min

Lab File: VY019865.D

Acq: 11 Oct 2024 11:37

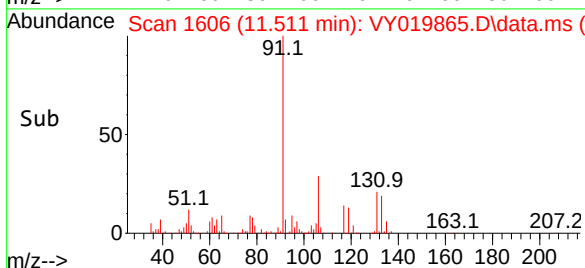
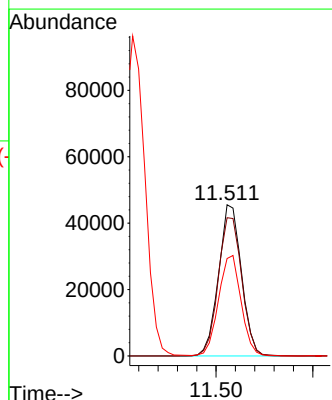
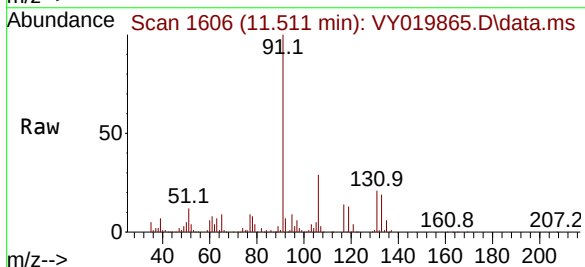
Tgt Ion:131 Resp: 74458

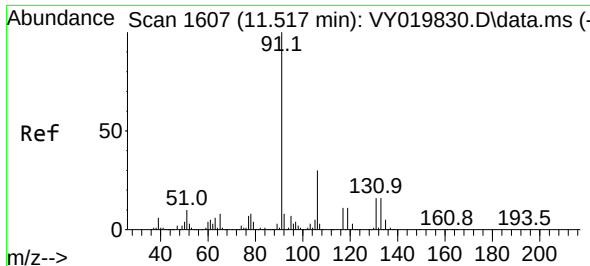
Ion Ratio Lower Upper

131 100

133 94.8 47.8 143.3

119 65.7 34.1 102.2

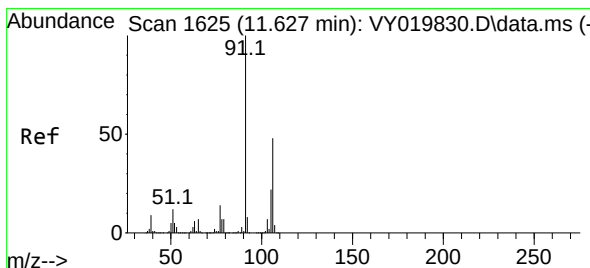
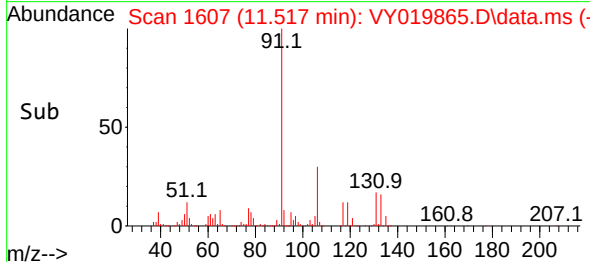
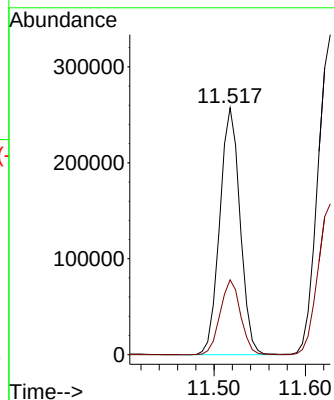
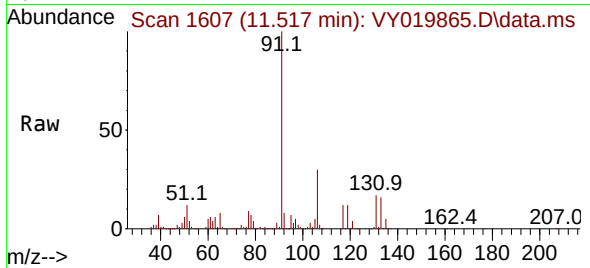




#67
Ethyl Benzene
Concen: 20.359 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.006 min
Lab File: VY019865.D
Acq: 11 Oct 2024 11:37

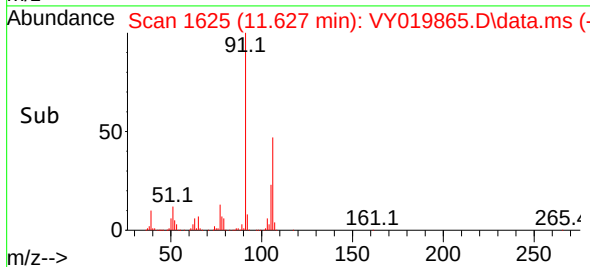
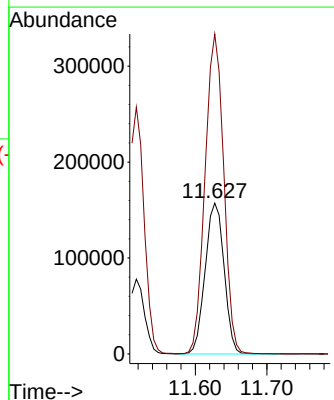
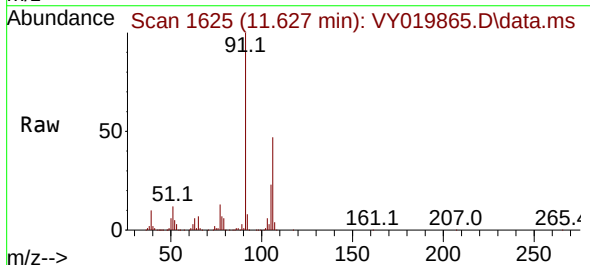
Instrument :
MSVOA_Y
ClientSampleId :

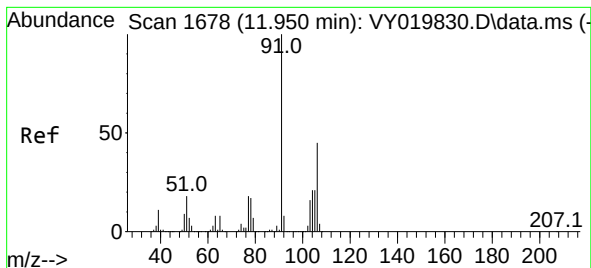
Tgt Ion: 91 Resp: 398105
Ion Ratio Lower Upper
91 100
106 30.3 24.5 36.7



#68
m/p-Xylenes
Concen: 40.088 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.006 min
Lab File: VY019865.D
Acq: 11 Oct 2024 11:37

Tgt Ion:106 Resp: 289507
Ion Ratio Lower Upper
106 100
91 208.4 156.0 234.0





#69

o-Xylene

Concen: 20.415 ug/l

RT: 11.950 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY019865.D

Acq: 11 Oct 2024 11:37

Instrument :

MSVOA_Y

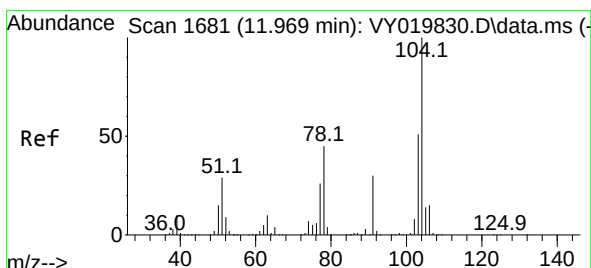
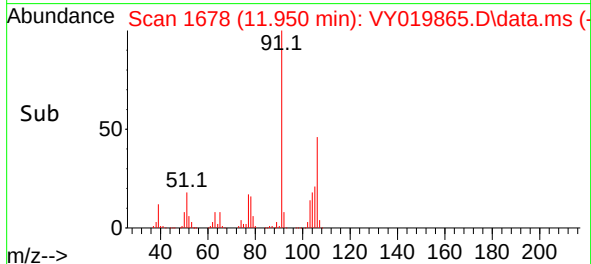
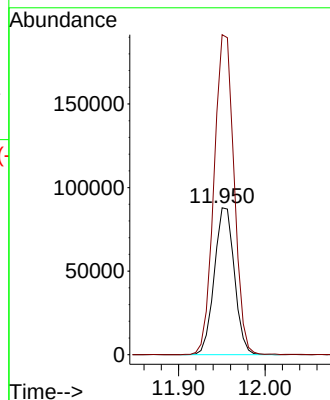
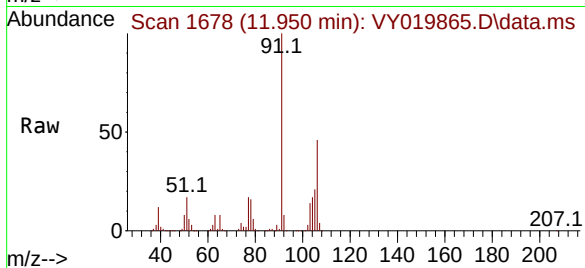
ClientSampleId :

Tgt Ion:106 Resp: 141651

Ion Ratio Lower Upper

106 100

91 217.6 103.6 310.8



#70

Styrene

Concen: 20.191 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. 0.000 min

Lab File: VY019865.D

Acq: 11 Oct 2024 11:37

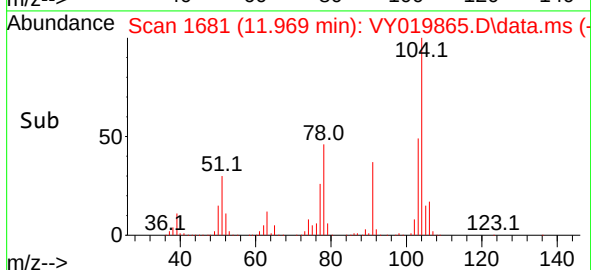
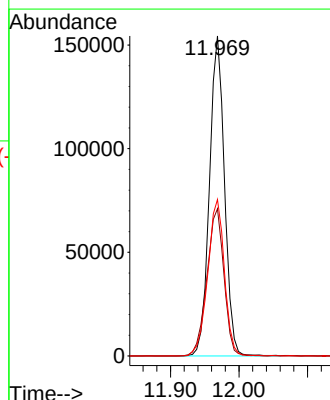
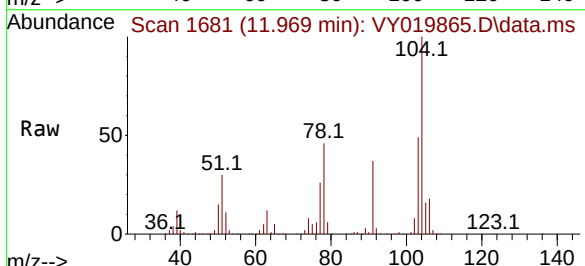
Tgt Ion:104 Resp: 236371

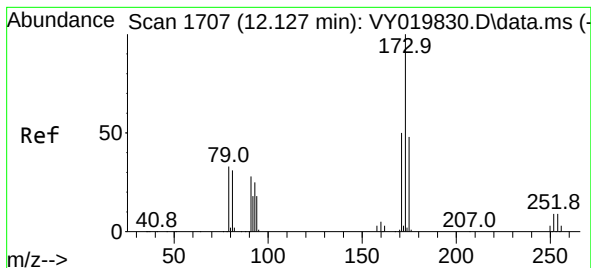
Ion Ratio Lower Upper

104 100

78 52.1 37.0 55.4

103 54.0 44.2 66.2





#71

Bromoform

Concen: 20.370 ug/l

RT: 12.133 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019865.D

Acq: 11 Oct 2024 11:37

Instrument :

MSVOA_Y

ClientSampleId :

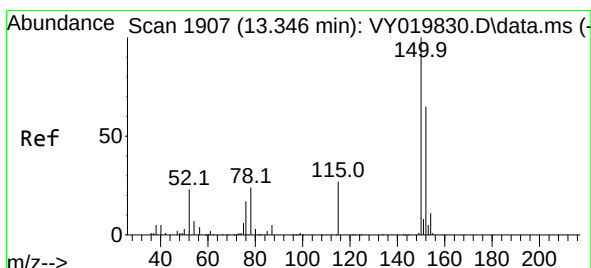
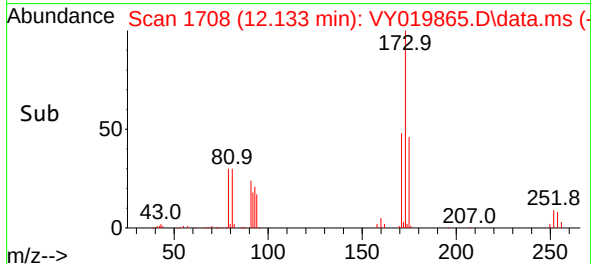
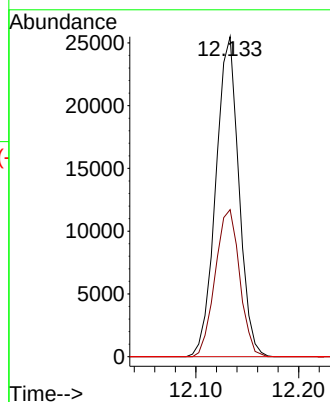
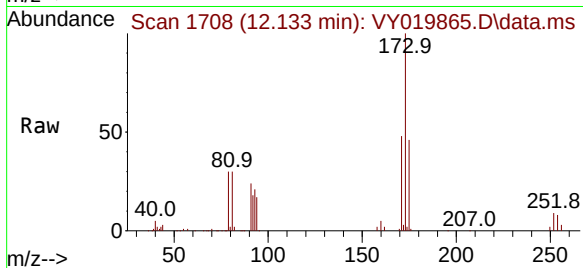
Tgt Ion:173 Resp: 39715

Ion Ratio Lower Upper

173 100

175 48.7 25.1 75.3

254 0.0 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: VY019865.D

Acq: 11 Oct 2024 11:37

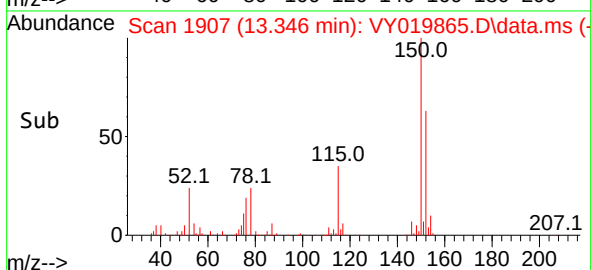
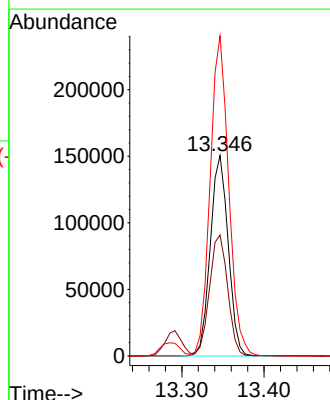
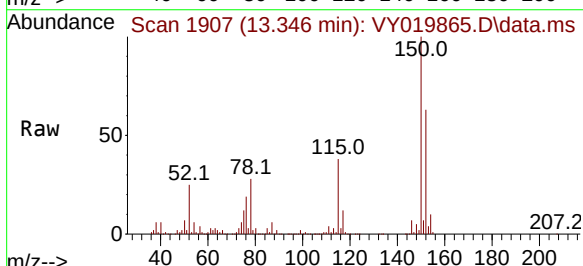
Tgt Ion:152 Resp: 227990

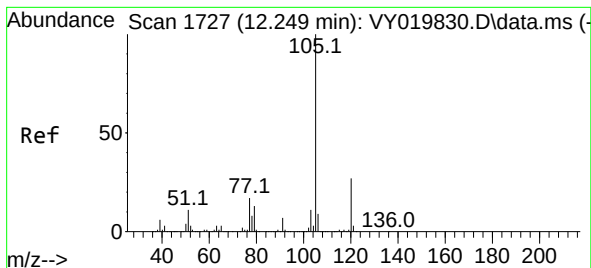
Ion Ratio Lower Upper

152 100

115 61.1 28.2 84.7

150 165.2 0.0 345.6





#73

Isopropylbenzene

Concen: 19.891 ug/l

RT: 12.255 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019865.D

Acq: 11 Oct 2024 11:37

Instrument :

MSVOA_Y

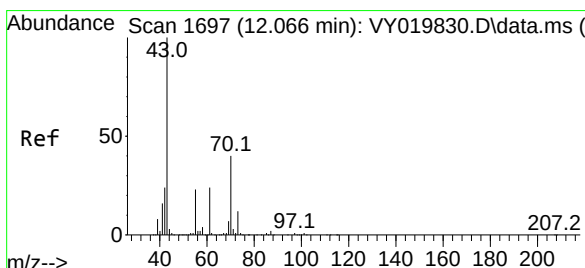
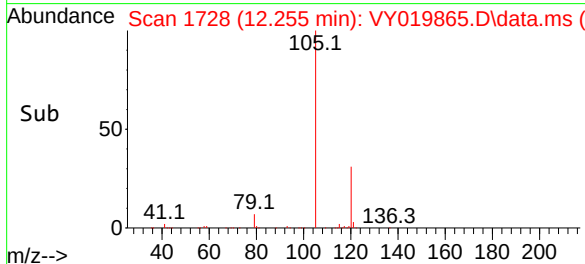
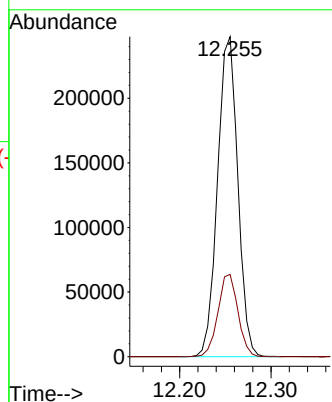
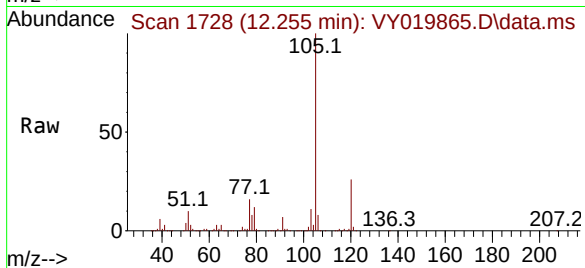
ClientSampleId :

Tgt Ion:105 Resp: 381445

Ion Ratio Lower Upper

105 100

120 25.4 13.4 40.1



#74

N-ethyl acetate

Concen: 20.500 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VY019865.D

Acq: 11 Oct 2024 11:37

Tgt Ion: 43 Resp: 104125

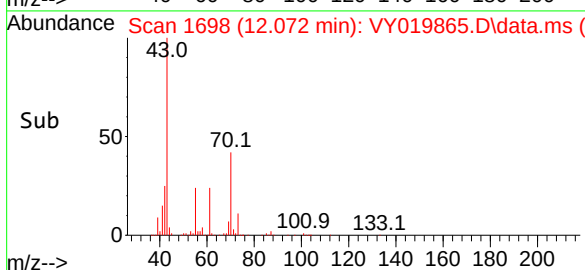
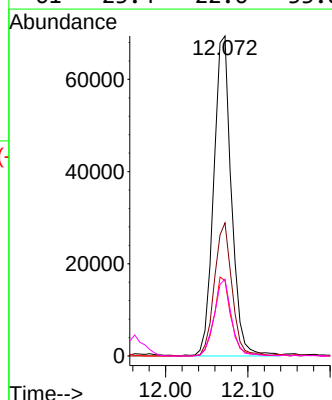
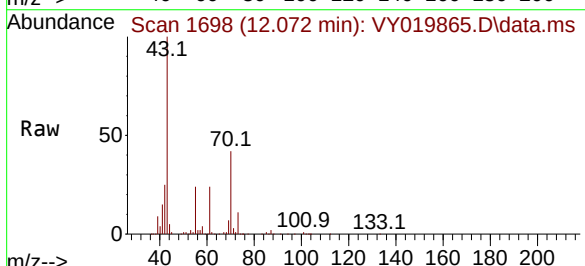
Ion Ratio Lower Upper

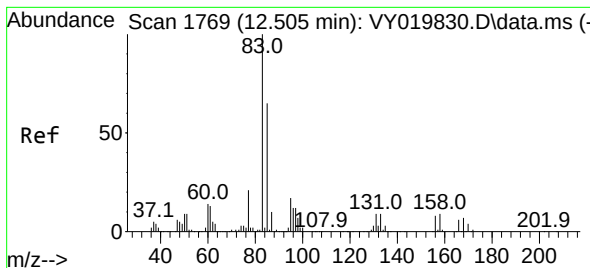
43 100

70 41.1 41.4 62.2#

55 23.5 23.3 34.9

61 23.4 22.6 33.8

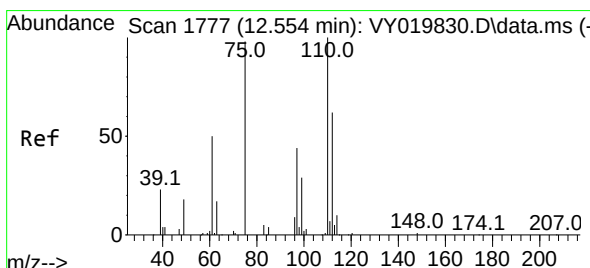
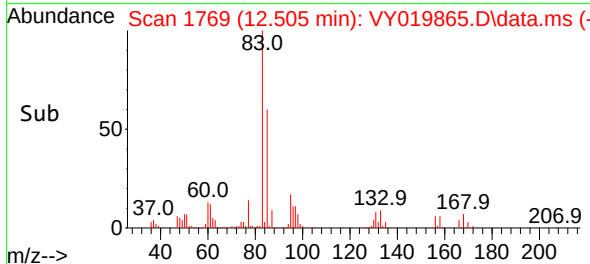
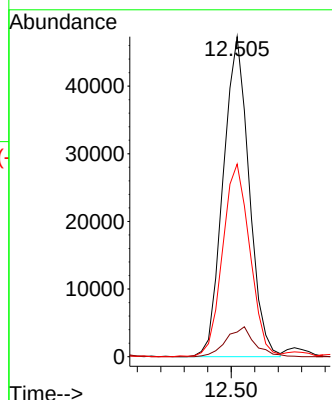
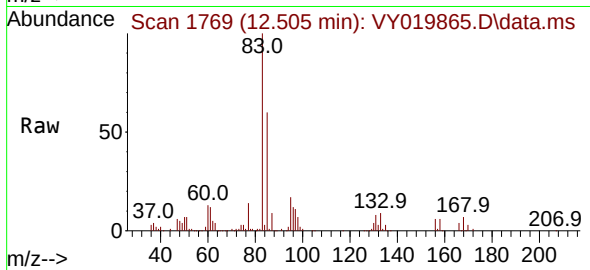




#75
1,1,2,2-Tetrachloroethane
Concen: 21.282 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. -0.006 min
Lab File: VY019865.D
Acq: 11 Oct 2024 11:37

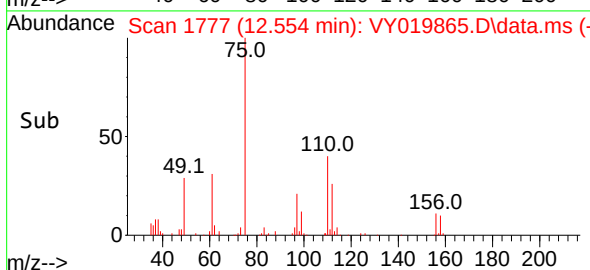
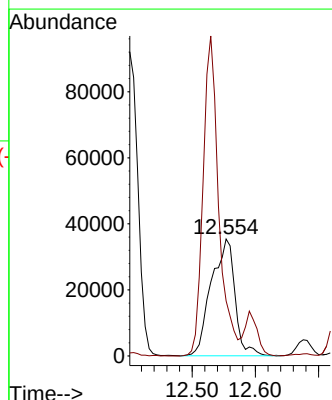
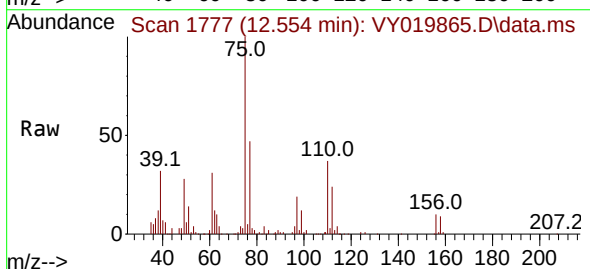
Instrument :
MSVOA_Y
ClientSampleId :

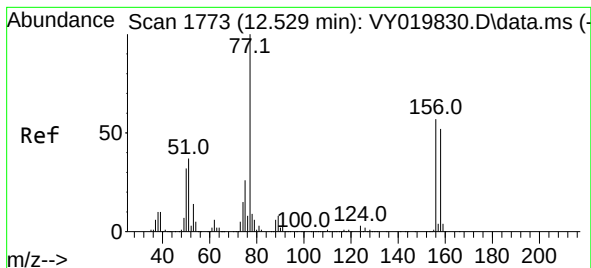
Tgt Ion: 83 Resp: 72520
Ion Ratio Lower Upper
83 100
131 10.2 5.0 14.9
85 63.3 32.0 96.0



#76
1,2,3-Trichloropropane
Concen: 20.581 ug/l
RT: 12.554 min Scan# 1777
Delta R.T. -0.006 min
Lab File: VY019865.D
Acq: 11 Oct 2024 11:37

Tgt Ion: 75 Resp: 91920
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.152 ug/l

RT: 12.529 min Scan# 1773

Delta R.T. -0.006 min

Lab File: VY019865.D

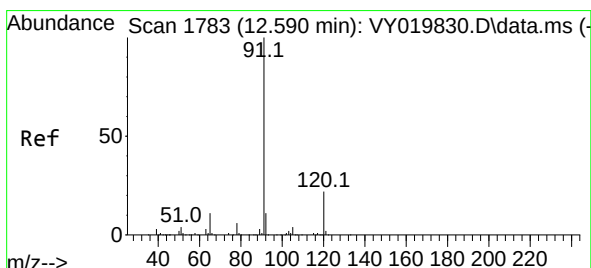
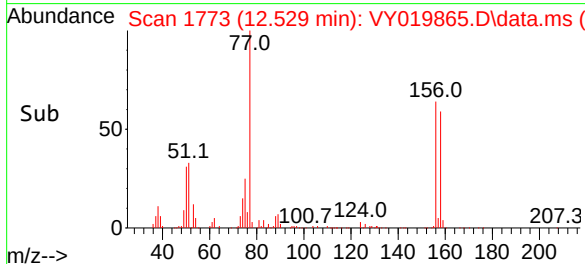
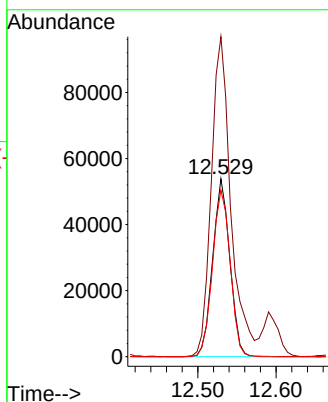
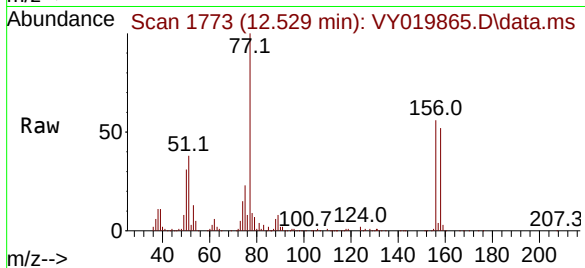
Acq: 11 Oct 2024 11:37

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	156	Resp:	82006
Ion Ratio	Lower	Upper	
156	100		
77	204.2	87.1	261.3
158	96.5	48.6	145.9



#78

n-propylbenzene

Concen: 20.112 ug/l

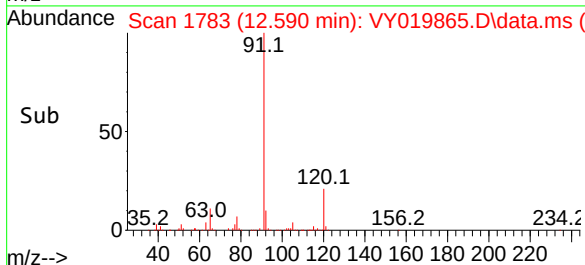
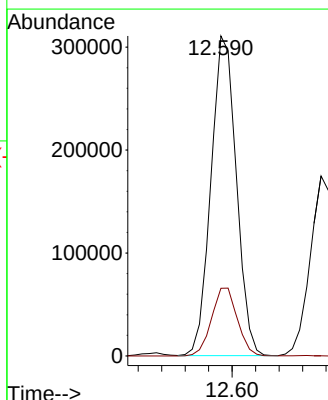
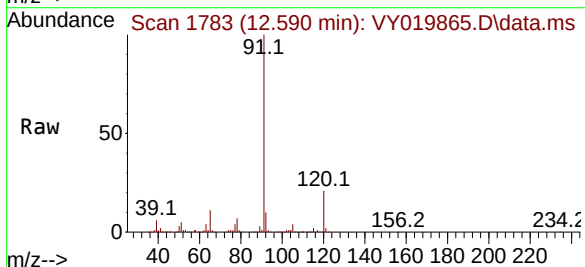
RT: 12.590 min Scan# 1783

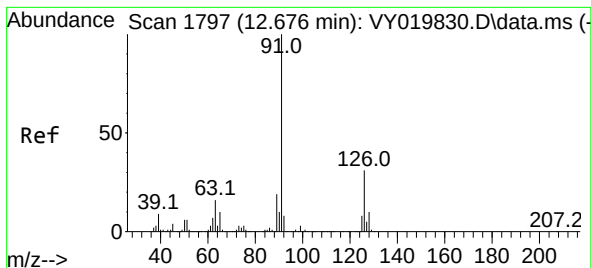
Delta R.T. -0.006 min

Lab File: VY019865.D

Acq: 11 Oct 2024 11:37

Tgt Ion:	91	Resp:	466029
Ion Ratio	Lower	Upper	
91	100		
120	21.6	11.5	34.4

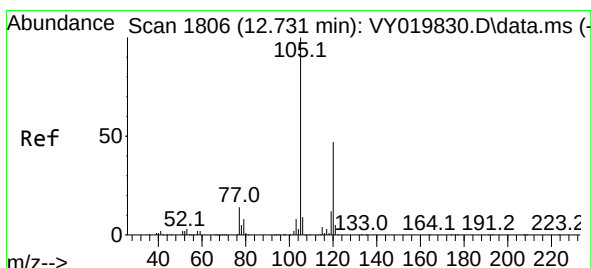
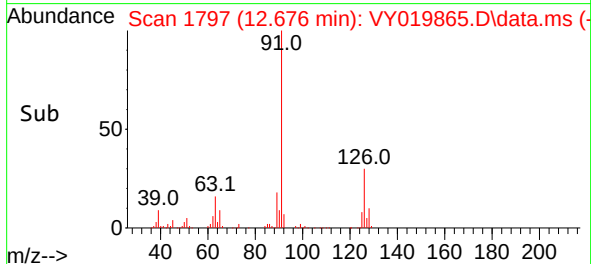
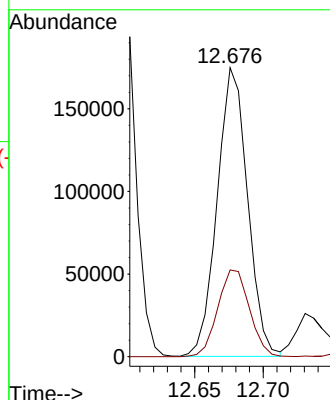
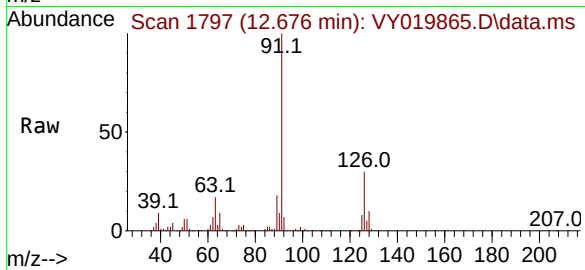




#79
2-Chlorotoluene
Concen: 20.323 ug/l
RT: 12.676 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019865.D
Acq: 11 Oct 2024 11:37

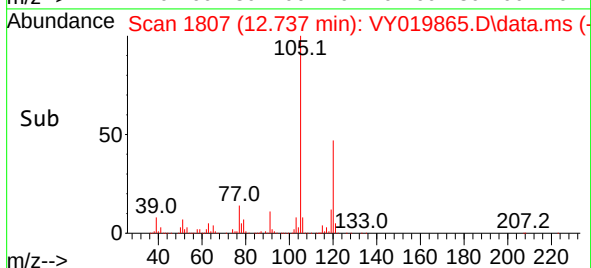
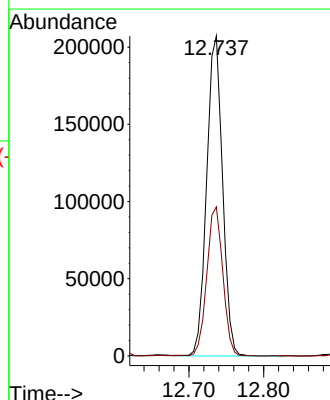
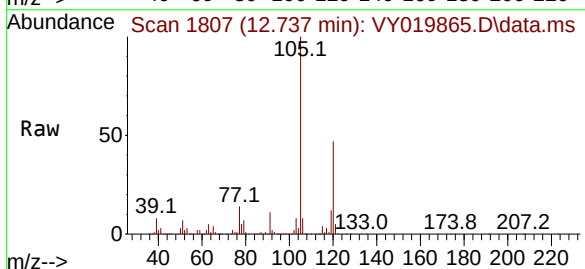
Instrument :
MSVOA_Y
ClientSampleId :

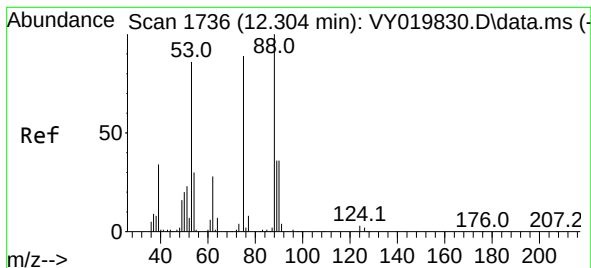
Tgt Ion: 91 Resp: 269976
Ion Ratio Lower Upper
91 100
126 31.3 17.8 53.5



#80
1,3,5-Trimethylbenzene
Concen: 19.720 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY019865.D
Acq: 11 Oct 2024 11:37

Tgt Ion:105 Resp: 305406
Ion Ratio Lower Upper
105 100
120 47.1 25.1 75.2

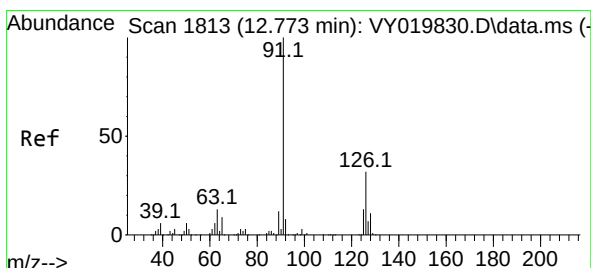
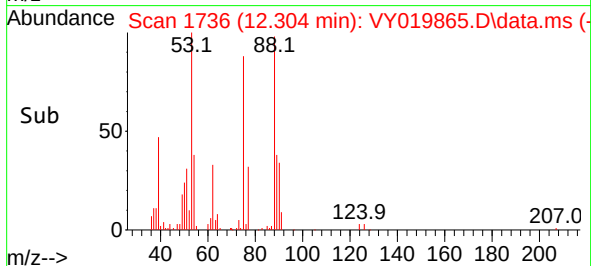
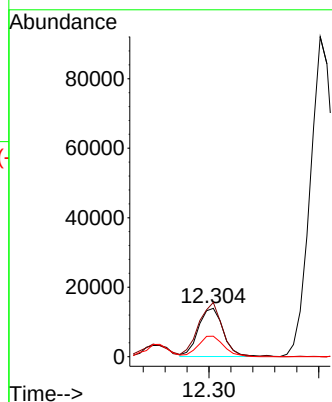
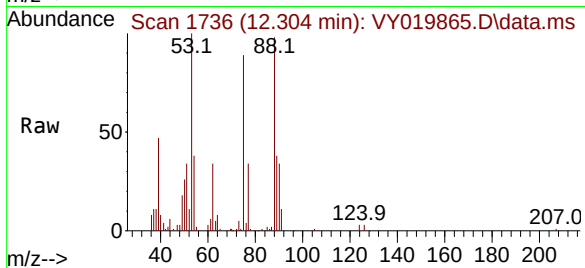




#81
trans-1,4-Dichloro-2-butene
Concen: 19.693 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY019865.D
Acq: 11 Oct 2024 11:37

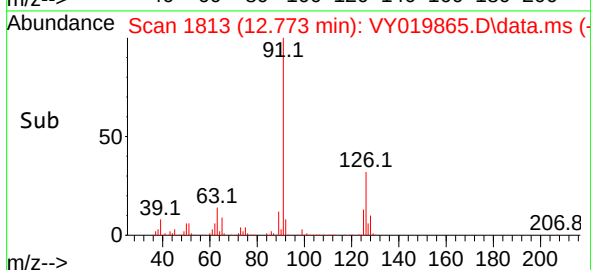
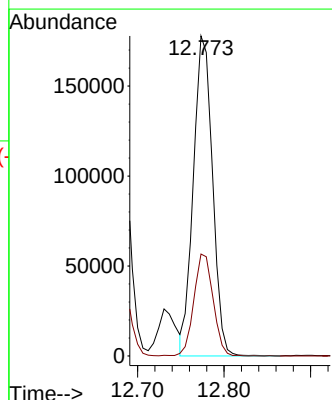
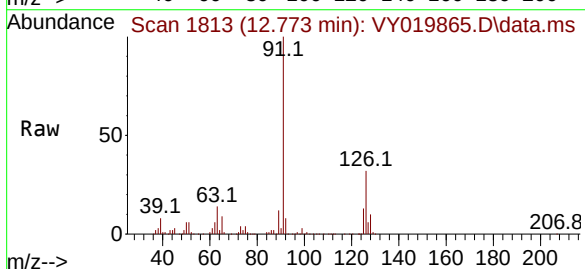
Instrument :
MSVOA_Y
ClientSampleId :

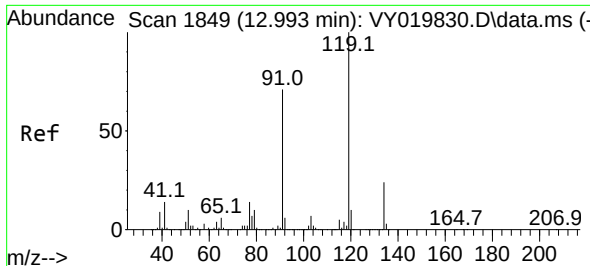
Tgt Ion: 75 Resp: 21790
Ion Ratio Lower Upper
75 100
53 106.0 66.8 100.2#
89 43.7 35.8 53.6



#82
4-Chlorotoluene
Concen: 20.126 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. -0.006 min
Lab File: VY019865.D
Acq: 11 Oct 2024 11:37

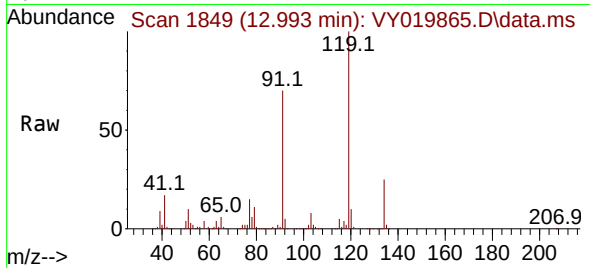
Tgt Ion: 91 Resp: 273375
Ion Ratio Lower Upper
91 100
126 32.1 17.6 52.9



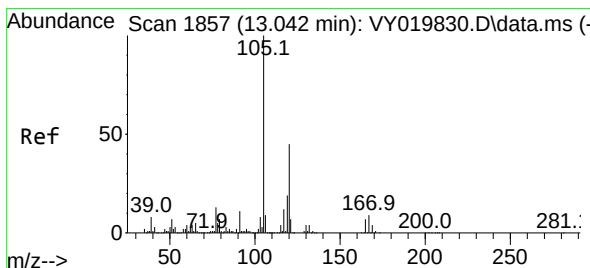
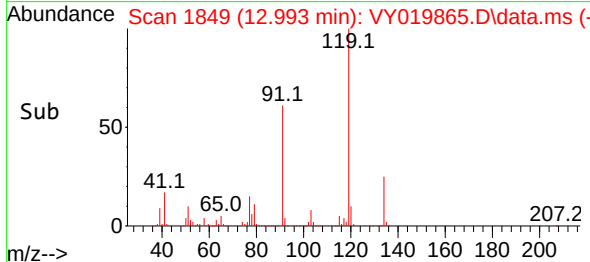
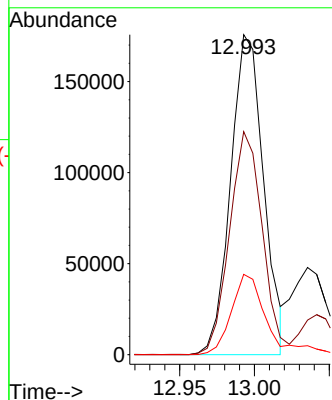


#83
tert-Butylbenzene
Concen: 19.441 ug/l
RT: 12.993 min Scan# 1849
Delta R.T. -0.006 min
Lab File: VY019865.D
Acq: 11 Oct 2024 11:37

Instrument :
MSVOA_Y
ClientSampleId :

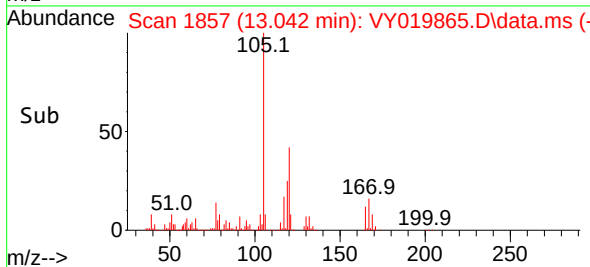
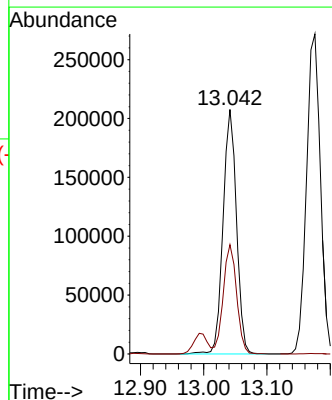
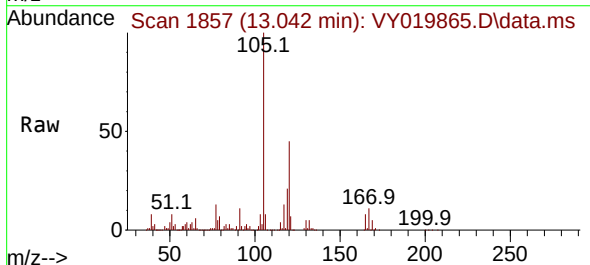


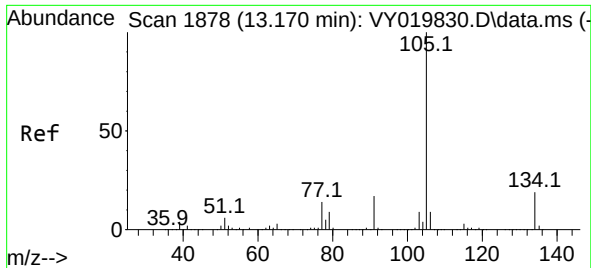
Tgt Ion:119 Resp: 269723
Ion Ratio Lower Upper
119 100
91 69.3 31.3 93.8
134 26.8 13.4 40.1



#84
1,2,4-Trimethylbenzene
Concen: 19.848 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. -0.006 min
Lab File: VY019865.D
Acq: 11 Oct 2024 11:37

Tgt Ion:105 Resp: 304752
Ion Ratio Lower Upper
105 100
120 44.8 23.2 69.6

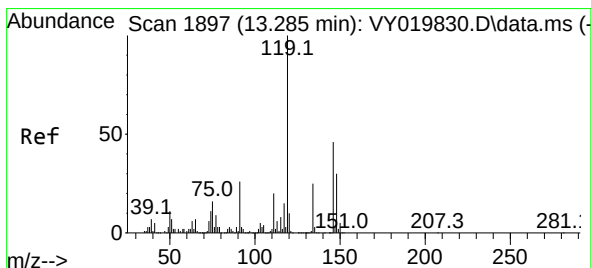
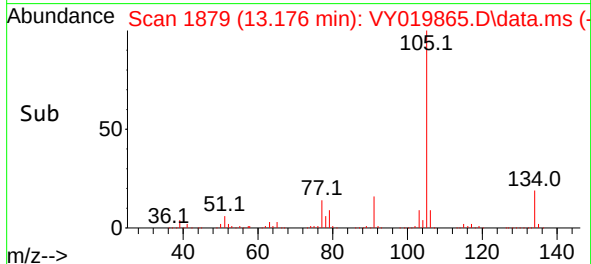
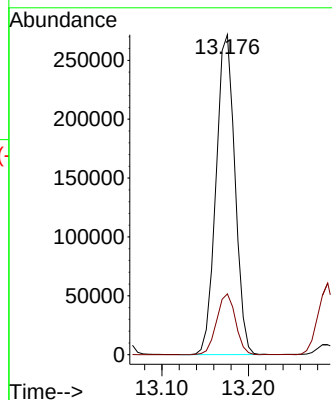
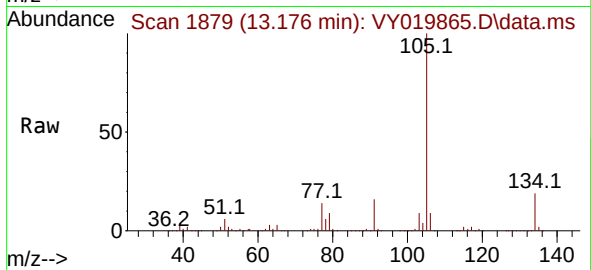




#85
 sec-Butylbenzene
 Concen: 19.846 ug/l
 RT: 13.176 min Scan# 1878
 Delta R.T. 0.000 min
 Lab File: VY019865.D
 Acq: 11 Oct 2024 11:37

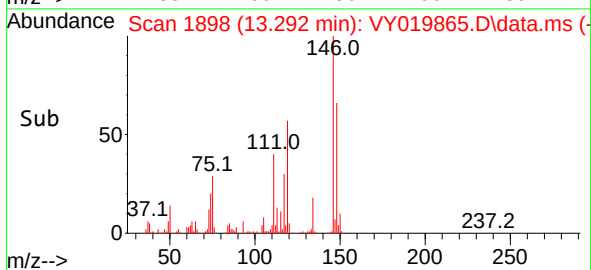
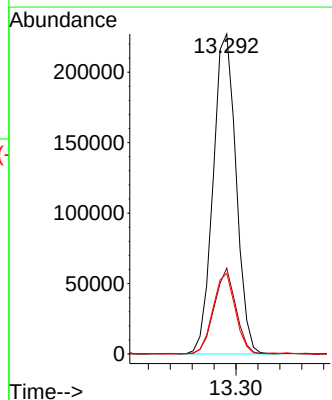
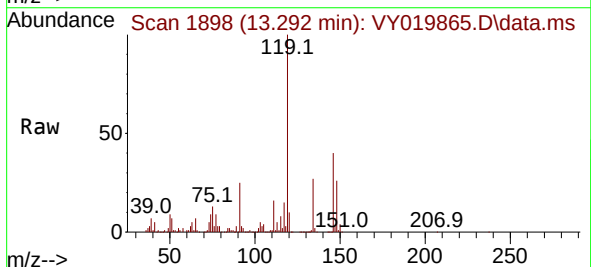
Instrument :
 MSVOA_Y
 ClientSampleId :

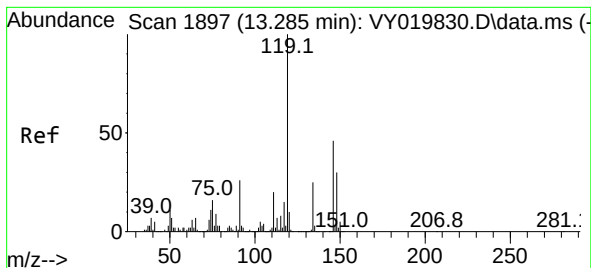
Tgt Ion:105 Resp: 411394
 Ion Ratio Lower Upper
 105 100
 134 19.1 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 19.645 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. 0.000 min
 Lab File: VY019865.D
 Acq: 11 Oct 2024 11:37

Tgt Ion:119 Resp: 330674
 Ion Ratio Lower Upper
 119 100
 134 25.1 13.1 39.3
 91 24.6 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 19.821 ug/l

RT: 13.285 min Scan# 1897

Delta R.T. -0.006 min

Lab File: VY019865.D

Acq: 11 Oct 2024 11:37

Instrument :

MSVOA_Y

ClientSampleId :

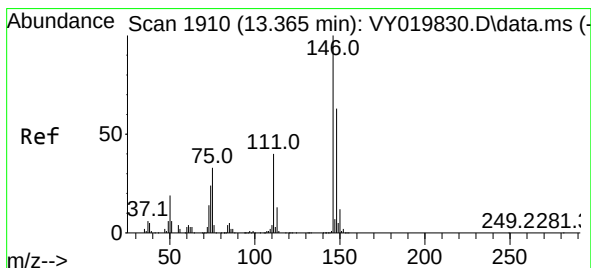
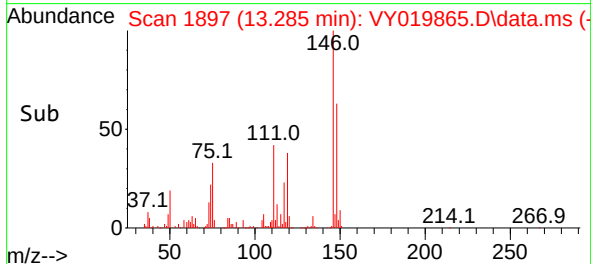
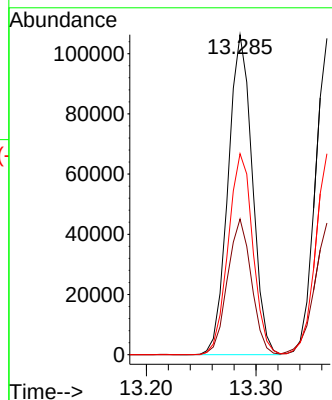
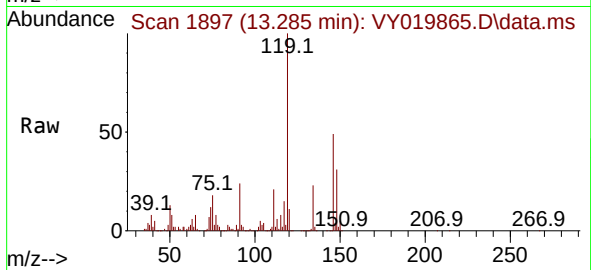
Tgt Ion:146 Resp: 162888

Ion Ratio Lower Upper

146 100

111 41.9 19.0 57.0

148 64.1 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 20.175 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.006 min

Lab File: VY019865.D

Acq: 11 Oct 2024 11:37

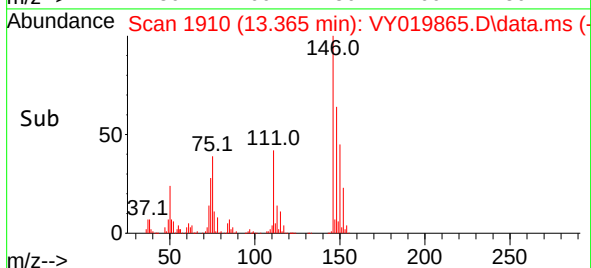
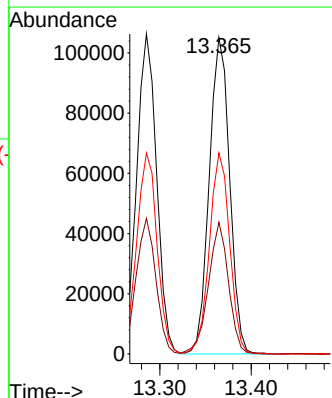
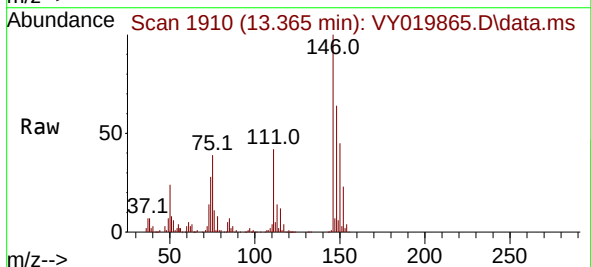
Tgt Ion:146 Resp: 162886

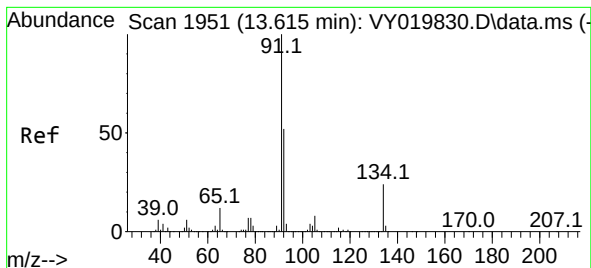
Ion Ratio Lower Upper

146 100

111 40.9 18.4 55.4

148 63.1 32.4 97.2





#89

n-Butylbenzene

Concen: 19.900 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. -0.006 min

Lab File: VY019865.D

Acq: 11 Oct 2024 11:37

Instrument :

MSVOA_Y

ClientSampleId :

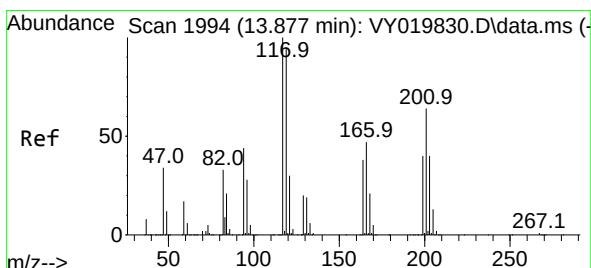
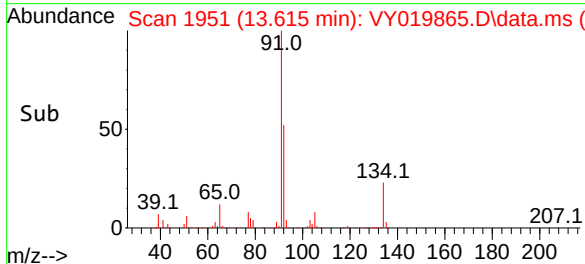
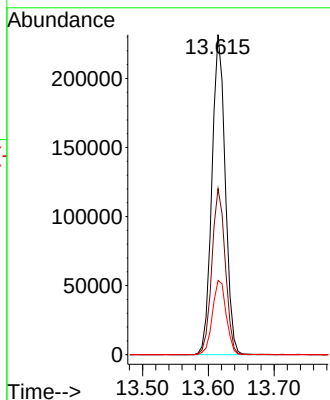
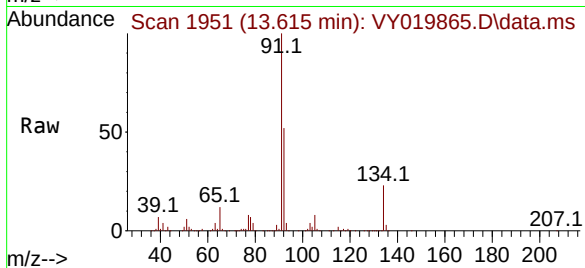
Tgt Ion: 91 Resp: 327084

Ion Ratio Lower Upper

91 100

92 52.2 26.6 79.7

134 23.9 12.9 38.7



#90

Hexachloroethane

Concen: 19.057 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. -0.006 min

Lab File: VY019865.D

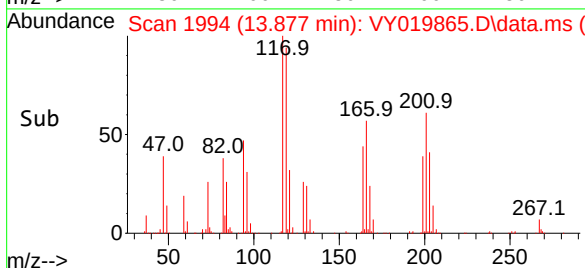
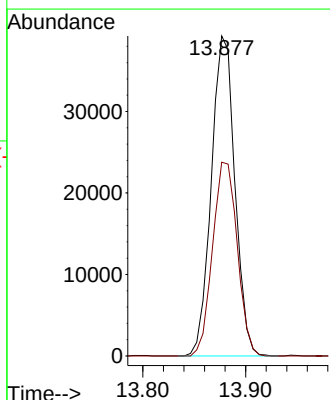
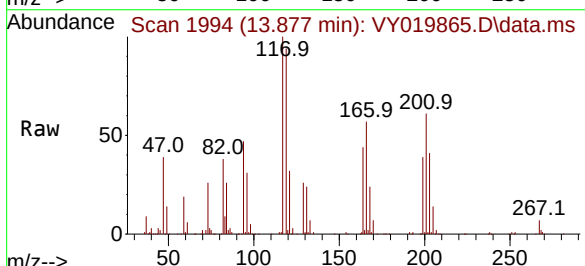
Acq: 11 Oct 2024 11:37

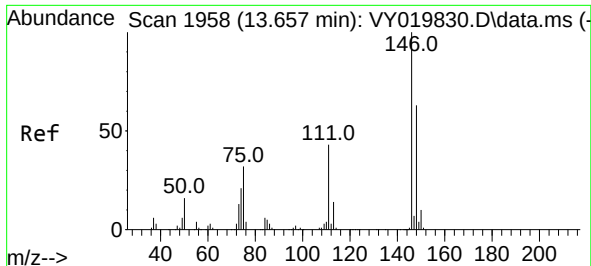
Tgt Ion: 117 Resp: 62463

Ion Ratio Lower Upper

117 100

201 63.4 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 19.971 ug/l

RT: 13.657 min Scan# 1958

Delta R.T. 0.000 min

Lab File: VY019865.D

Acq: 11 Oct 2024 11:37

Instrument :

MSVOA_Y

ClientSampleId :

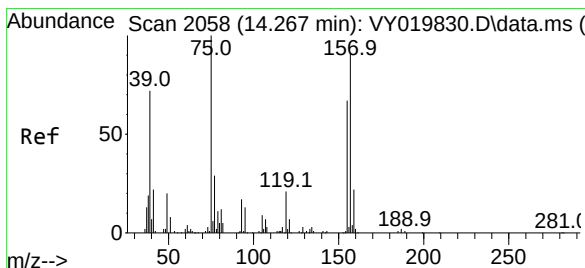
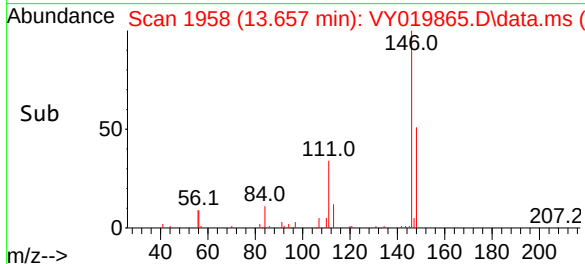
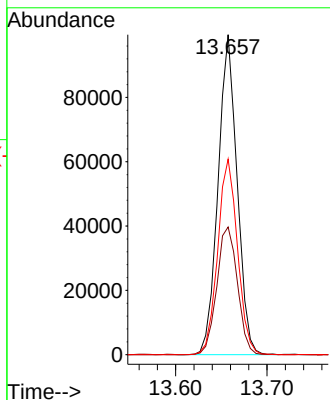
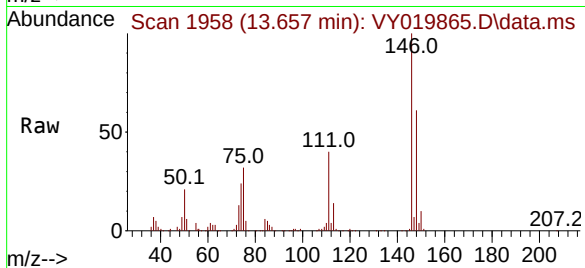
Tgt Ion:146 Resp: 144209

Ion Ratio Lower Upper

146 100

111 43.3 19.9 59.7

148 63.5 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.272 ug/l

RT: 14.267 min Scan# 2058

Delta R.T. -0.006 min

Lab File: VY019865.D

Acq: 11 Oct 2024 11:37

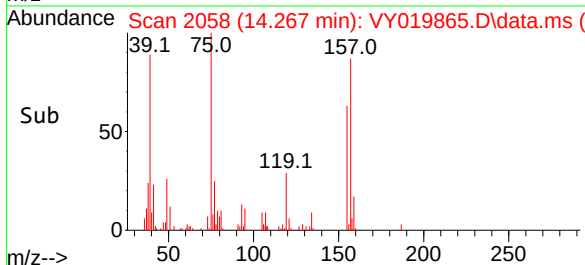
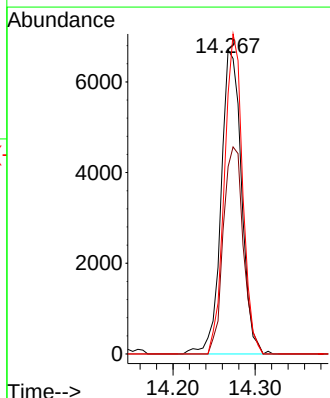
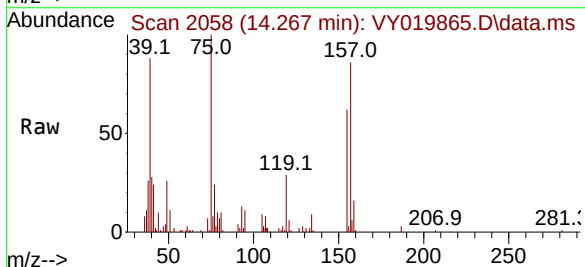
Tgt Ion: 75 Resp: 11568

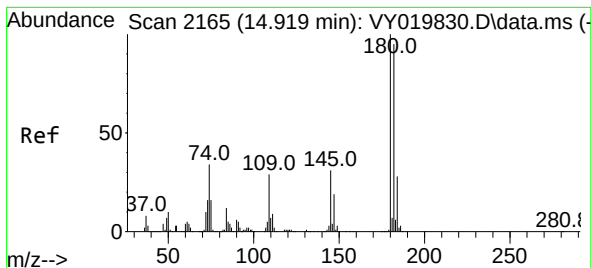
Ion Ratio Lower Upper

75 100

155 67.1 48.6 145.8

157 94.1 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 19.370 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY019865.D

Acq: 11 Oct 2024 11:37

Instrument :

MSVOA_Y

ClientSampleId :

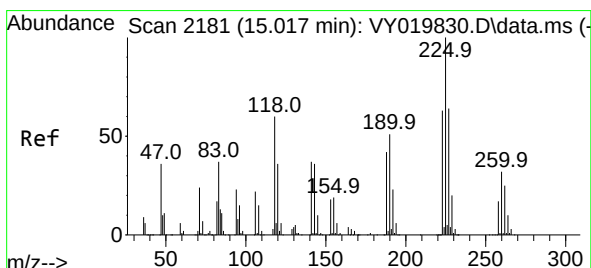
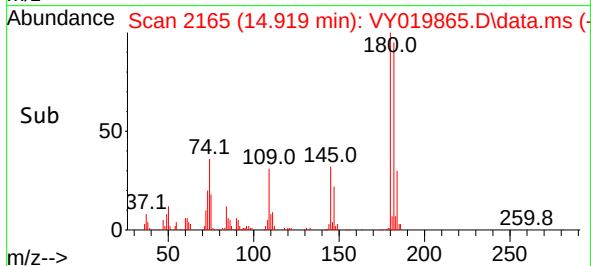
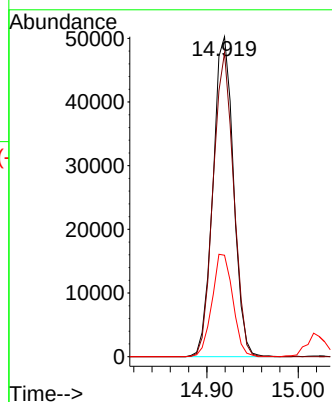
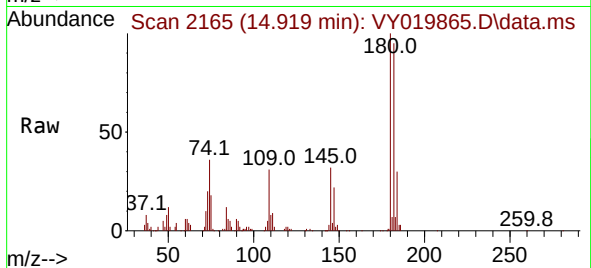
Tgt Ion:180 Resp: 78430

Ion Ratio Lower Upper

180 100

182 94.3 47.9 143.8

145 32.4 14.2 42.6



#94

Hexachlorobutadiene

Concen: 19.370 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY019865.D

Acq: 11 Oct 2024 11:37

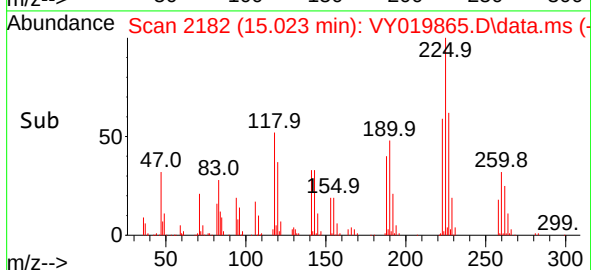
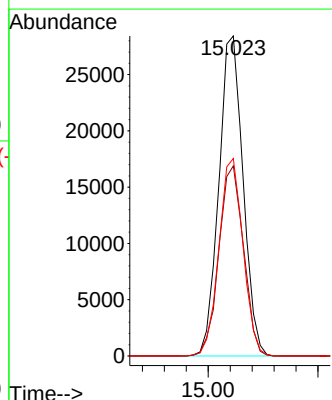
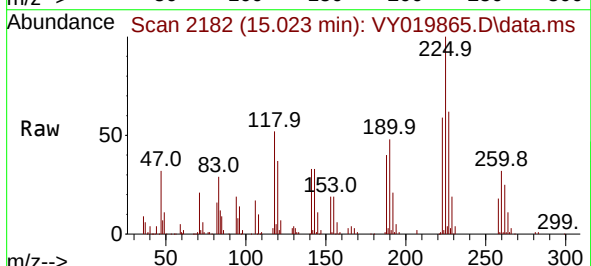
Tgt Ion:225 Resp: 43604

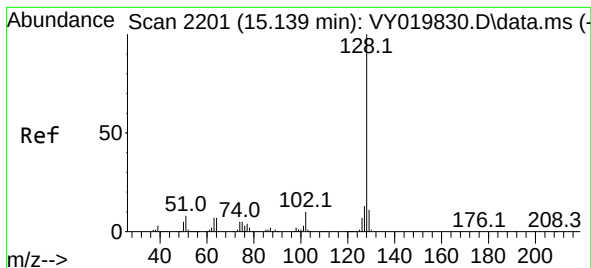
Ion Ratio Lower Upper

225 100

223 60.3 30.4 91.2

227 61.5 31.9 95.9





#95

Naphthalene

Concen: 19.862 ug/l

RT: 15.145 min Scan# 2201

Delta R.T. 0.000 min

Lab File: VY019865.D

Acq: 11 Oct 2024 11:37

Instrument :

MSVOA_Y

ClientSampleId :

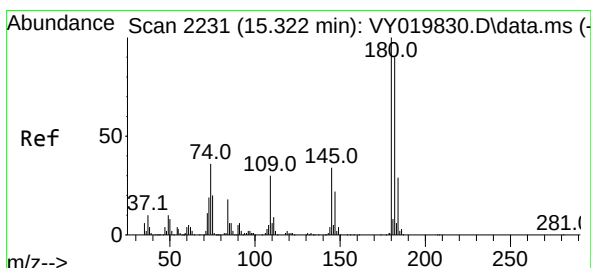
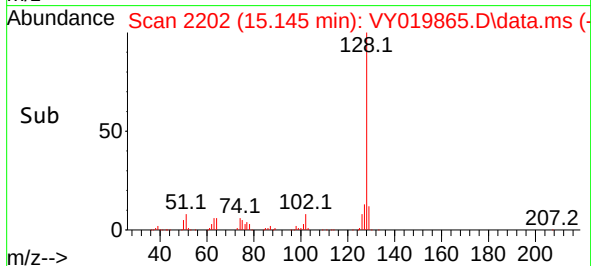
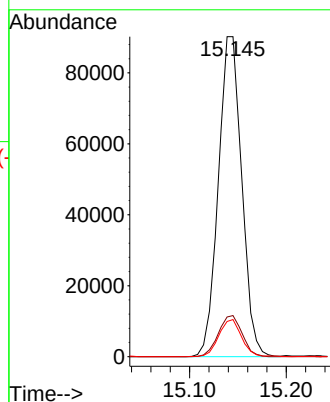
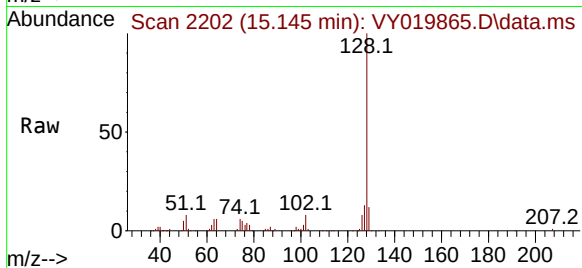
Tgt Ion:128 Resp: 151677

Ion Ratio Lower Upper

128 100

127 13.1 10.6 16.0

129 11.3 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 19.134 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY019865.D

Acq: 11 Oct 2024 11:37

Tgt Ion:180 Resp: 65491

Ion Ratio Lower Upper

180 100

182 97.2 47.6 142.9

145 35.7 15.4 46.1

