

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101624\
 Data File : VY019909.D
 Acq On : 16 Oct 2024 10:10
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 17 01:49:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 16 05:44:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	250371	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	421906	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	340582	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	150473	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	136650	44.327	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	88.660%
35) Dibromofluoromethane	7.640	113	146200	52.512	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.020%
50) Toluene-d8	10.109	98	550512	53.545	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	107.080%
62) 4-Bromofluorobenzene	12.408	95	180172	48.499	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	97.000%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	108850	46.702	ug/l	98
3) Chloromethane	2.074	50	149831	49.392	ug/l	99
4) Vinyl Chloride	2.208	62	175325	52.521	ug/l	98
5) Bromomethane	2.605	94	98448	46.593	ug/l	99
6) Chloroethane	2.745	64	113987	50.828	ug/l	97
7) Trichlorofluoromethane	3.068	101	260363	52.416	ug/l	97
8) Diethyl Ether	3.458	74	62902	41.667	ug/l	74
9) 1,1,2-Trichlorotrifluo...	3.824	101	154226	53.379	ug/l	91
10) Methyl Iodide	4.013	142	137878	47.184	ug/l	91
11) Tert butyl alcohol	4.848	59	44107	171.056	ug/l	# 80
12) 1,1-Dichloroethene	3.800	96	133157	49.575	ug/l	# 79
13) Acrolein	3.653	56	23496	103.724	ug/l	97
14) Allyl chloride	4.391	41	246446	50.852	ug/l	# 89
15) Acrylonitrile	5.061	53	137312	198.860	ug/l	98
16) Acetone	3.867	43	192436	239.794	ug/l	# 81
17) Carbon Disulfide	4.117	76	319317	44.353	ug/l	100
18) Methyl Acetate	4.391	43	75255	43.532	ug/l	# 89
19) Methyl tert-butyl Ether	5.122	73	326978	42.373	ug/l	98
20) Methylene Chloride	4.623	84	138387	46.616	ug/l	# 77
21) trans-1,2-Dichloroethene	5.122	96	144494	49.428	ug/l	# 84
22) Diisopropyl ether	6.025	45	533369	50.527	ug/l	# 91
23) Vinyl Acetate	5.964	43	1266790	209.329	ug/l	# 91
24) 1,1-Dichloroethane	5.921	63	304724	51.930	ug/l	98
25) 2-Butanone	6.897	43	235234	218.990	ug/l	# 83
26) 2,2-Dichloropropane	6.890	77	273385	52.314	ug/l	93
27) cis-1,2-Dichloroethene	6.897	96	178992	49.546	ug/l	81
28) Bromochloromethane	7.250	49	125650	48.649	ug/l	# 72
29) Tetrahydrofuran	7.262	42	121187	197.588	ug/l	# 81
30) Chloroform	7.427	83	312501	52.243	ug/l	97
31) Cyclohexane	7.707	56	251985	48.919	ug/l	89
32) 1,1,1-Trichloroethane	7.622	97	284730	54.315	ug/l	# 94
36) 1,1-Dichloropropene	7.835	75	224537	55.980	ug/l	94
37) Ethyl Acetate	6.988	43	84181	40.249	ug/l	95
38) Carbon Tetrachloride	7.823	117	244055	56.758	ug/l	98
39) Methylcyclohexane	9.110	83	268478	53.123	ug/l	90
40) Benzene	8.085	78	646222	53.236	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	48661	42.988	ug/l #	85
42) 1,2-Dichloroethane	8.158	62	161444	46.293	ug/l	94
43) Isopropyl Acetate	8.201	43	175077	41.046	ug/l #	77
44) Trichloroethene	8.866	130	152097	51.732	ug/l	88
45) 1,2-Dichloropropane	9.146	63	154324	50.793	ug/l	96
46) Dibromomethane	9.231	93	72200	43.494	ug/l	90
47) Bromodichloromethane	9.427	83	220524	50.049	ug/l	98
48) Methyl methacrylate	9.219	41	82423	43.930	ug/l #	80
49) 1,4-Dioxane	9.225	88	13947	750.674	ug/l #	89
51) 4-Methyl-2-Pentanone	10.000	43	460584	211.701	ug/l	88
52) Toluene	10.170	92	402847	53.165	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	179409	45.254	ug/l	98
54) cis-1,3-Dichloropropene	9.859	75	224204	47.928	ug/l #	84
55) 1,1,2-Trichloroethane	10.573	97	96441	44.096	ug/l	90
56) Ethyl methacrylate	10.439	69	133796	42.634	ug/l #	71
57) 1,3-Dichloropropane	10.719	76	169210	44.056	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	319336	218.582	ug/l	93
59) 2-Hexanone	10.762	43	345589	222.400	ug/l	86
60) Dibromochloromethane	10.914	129	126574	45.090	ug/l	98
61) 1,2-Dibromoethane	11.018	107	83463	42.231	ug/l	98
64) Tetrachloroethene	10.646	164	126926	52.394	ug/l #	89
65) Chlorobenzene	11.444	112	413516	53.083	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.518	131	139490	52.925	ug/l	99
67) Ethyl Benzene	11.518	91	803693	56.795	ug/l	98
68) m/p-Xylenes	11.627	106	578409	110.676	ug/l	91
69) o-Xylene	11.957	106	271004	53.971	ug/l	91
70) Styrene	11.969	104	446646	52.722	ug/l	95
71) Bromoform	12.133	173	62648	44.402	ug/l #	98
73) Isopropylbenzene	12.255	105	771537	60.959	ug/l	97
74) N-amyl acetate	12.072	43	154219	46.005	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.505	83	110194	48.998	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	141392	47.966	ug/l #	100
77) Bromobenzene	12.530	156	140205	52.202	ug/l	85
78) n-propylbenzene	12.597	91	945965	61.854	ug/l	96
79) 2-Chlorotoluene	12.682	91	507252	57.855	ug/l	94
80) 1,3,5-Trimethylbenzene	12.737	105	595621	58.272	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.304	75	31337	42.910	ug/l #	79
82) 4-Chlorotoluene	12.780	91	516976	57.667	ug/l	94
83) tert-Butylbenzene	12.999	119	556757	60.802	ug/l	95
84) 1,2,4-Trimethylbenzene	13.042	105	582582	57.488	ug/l	97
85) sec-Butylbenzene	13.176	105	831101	60.748	ug/l	97
86) p-Isopropyltoluene	13.292	119	653353	58.811	ug/l	96
87) 1,3-Dichlorobenzene	13.286	146	286146	52.756	ug/l	96
88) 1,4-Dichlorobenzene	13.365	146	277319	52.045	ug/l	97
89) n-Butylbenzene	13.621	91	639423	58.945	ug/l	98
90) Hexachloroethane	13.883	117	126085	58.286	ug/l	87
91) 1,2-Dichlorobenzene	13.658	146	240567	50.478	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.273	75	14584	40.633	ug/l	75
93) 1,2,4-Trichlorobenzene	14.919	180	120738	45.181	ug/l	97
94) Hexachlorobutadiene	15.023	225	76456	51.461	ug/l	98
95) Naphthalene	15.145	128	199448	39.572	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	95206	42.145	ug/l	97

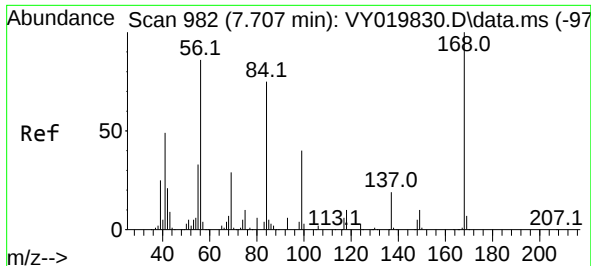
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Response via : Initial Calibration

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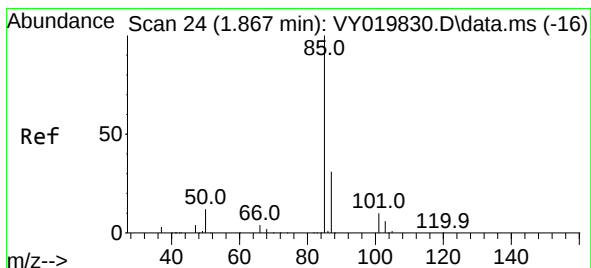
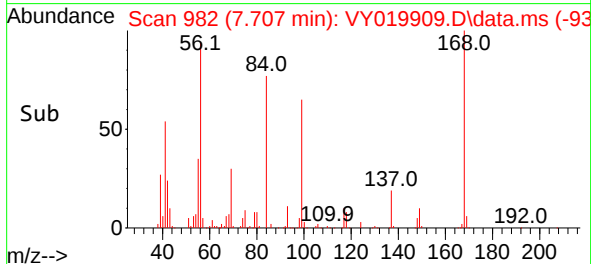
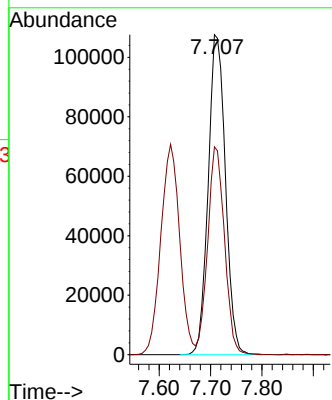
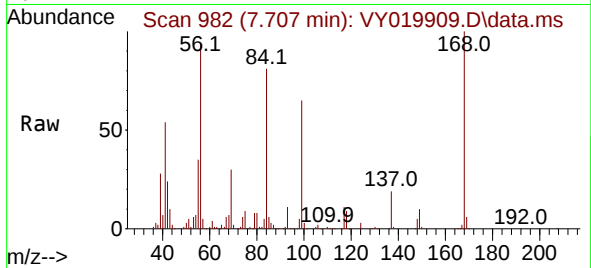
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019909.D
Acq: 16 Oct 2024 10:10

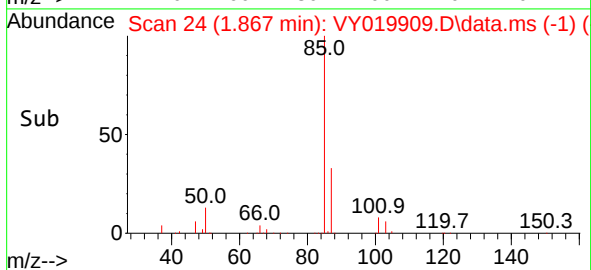
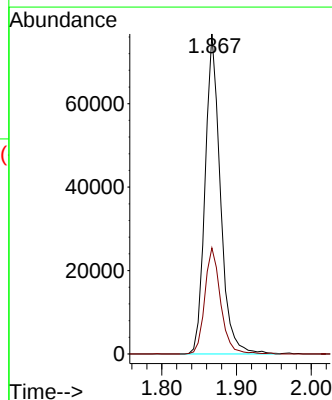
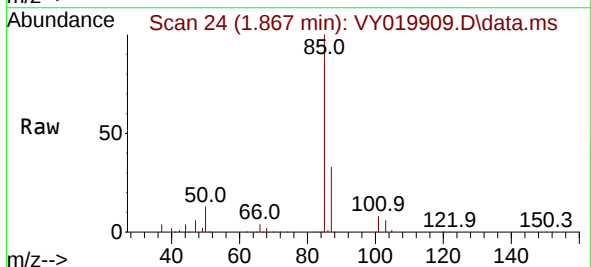
Instrument :
MSVOA_Y
ClientSampleId :

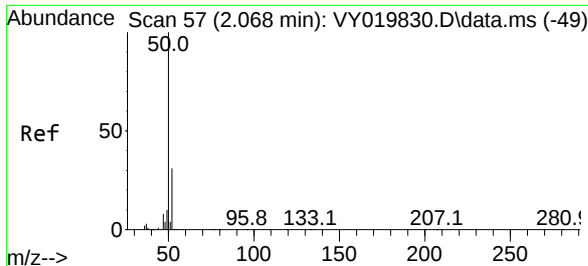
Tgt Ion:168 Resp: 250371
Ion Ratio Lower Upper
168 100
99 64.9 39.1 58.7#



#2
Dichlorodifluoromethane
Concen: 46.702 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.001 min
Lab File: VY019909.D
Acq: 16 Oct 2024 10:10

Tgt Ion: 85 Resp: 108850
Ion Ratio Lower Upper
85 100
87 33.2 16.0 48.0

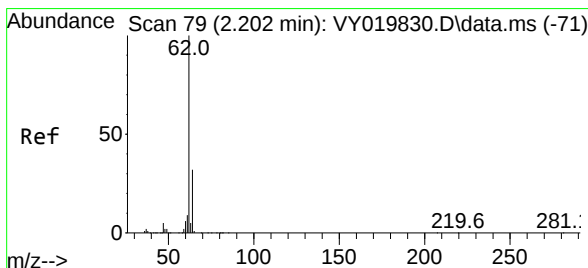
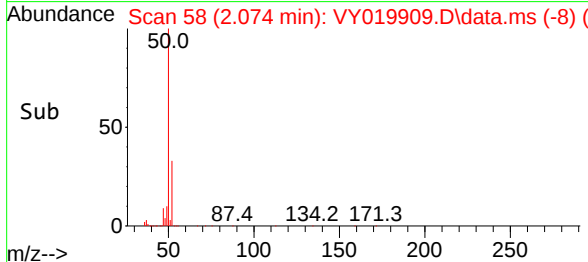
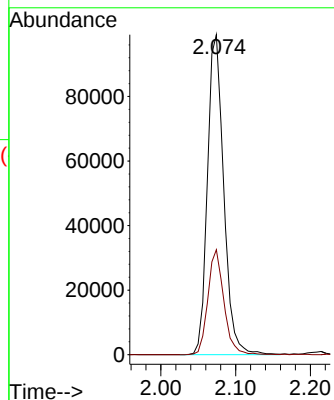
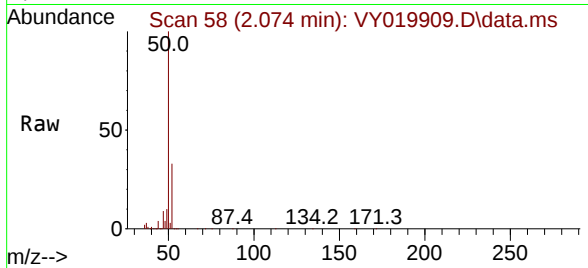




#3
Chloromethane
Concen: 49.392 ug/l
RT: 2.074 min Scan# 50
Delta R.T. 0.007 min
Lab File: VY019909.D
Acq: 16 Oct 2024 10:10

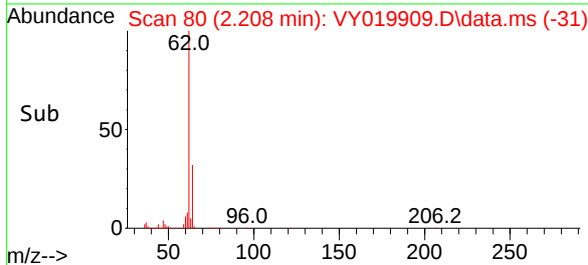
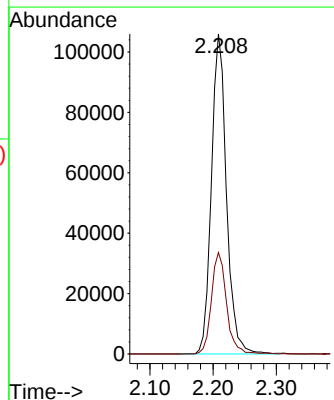
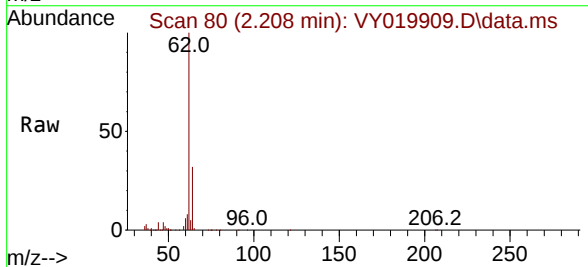
Instrument :
MSVOA_Y
ClientSampleId :

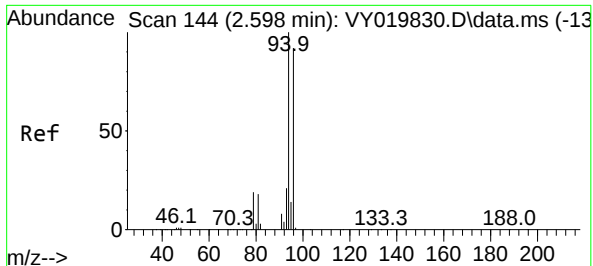
Tgt Ion: 50 Resp: 149831
Ion Ratio Lower Upper
50 100
52 32.8 25.6 38.4



#4
Vinyl Chloride
Concen: 52.521 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.000 min
Lab File: VY019909.D
Acq: 16 Oct 2024 10:10

Tgt Ion: 62 Resp: 175325
Ion Ratio Lower Upper
62 100
64 31.7 26.1 39.1

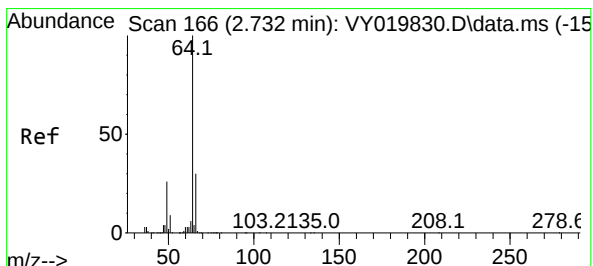
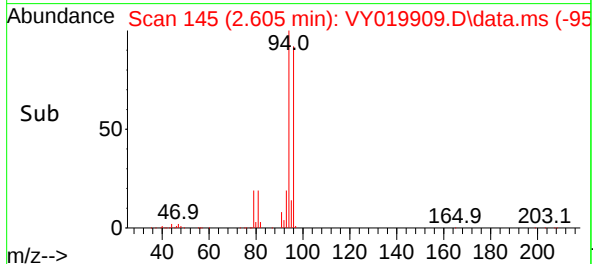
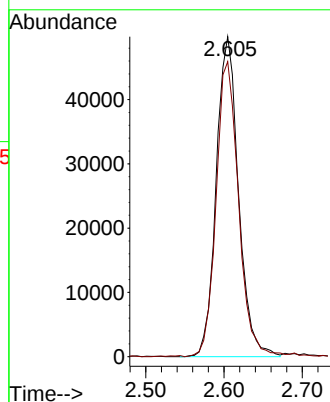
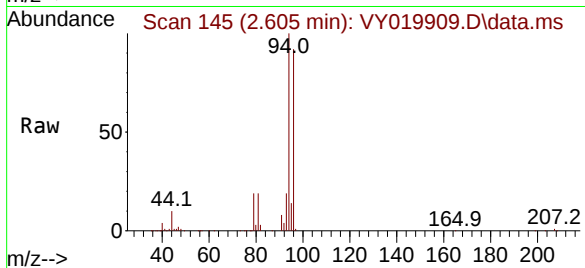




#5
Bromomethane
Concen: 46.593 ug/l
RT: 2.605 min Scan# 144
Delta R.T. 0.007 min
Lab File: VY019909.D
Acq: 16 Oct 2024 10:10

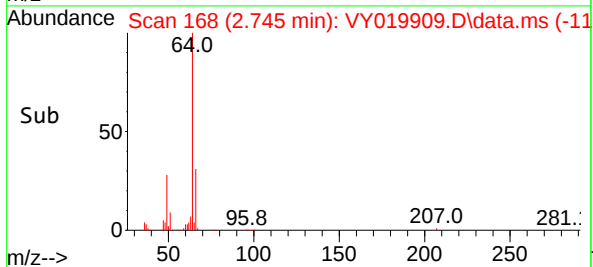
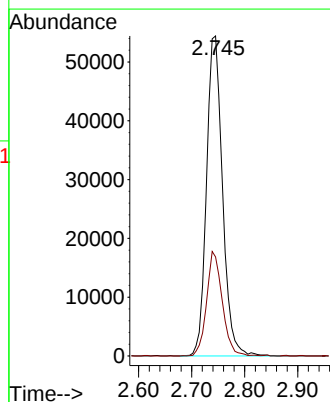
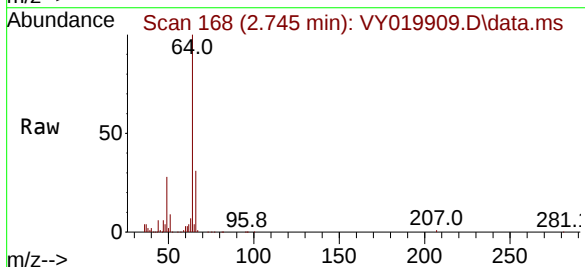
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 94 Resp: 98448
Ion Ratio Lower Upper
94 100
96 91.9 74.1 111.1



#6
Chloroethane
Concen: 50.828 ug/l
RT: 2.745 min Scan# 168
Delta R.T. 0.007 min
Lab File: VY019909.D
Acq: 16 Oct 2024 10:10

Tgt Ion: 64 Resp: 113987
Ion Ratio Lower Upper
64 100
66 31.0 26.1 39.1

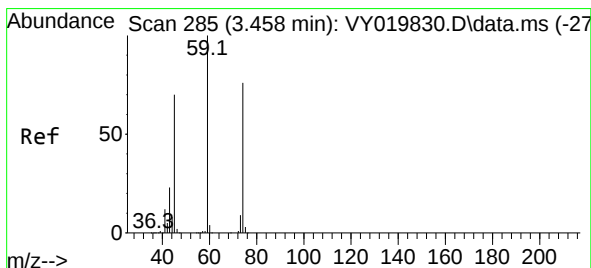
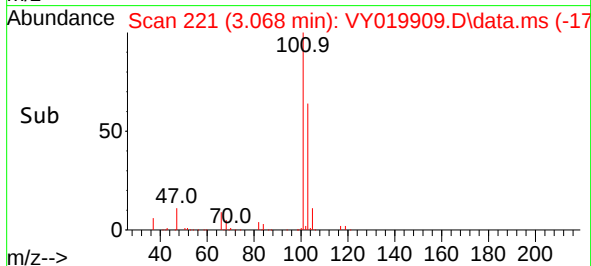
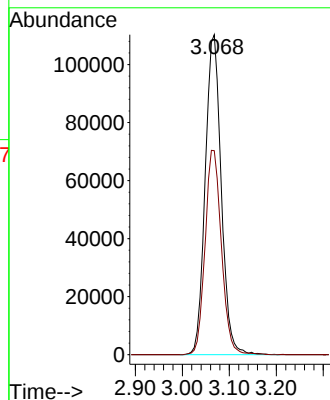
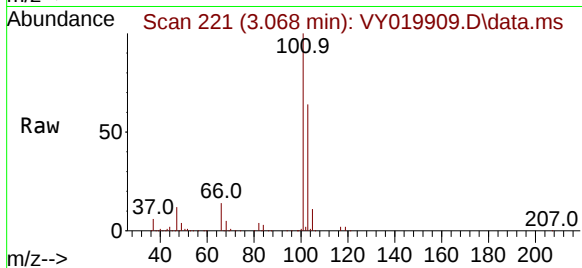




#7
 Trichlorofluoromethane
 Concen: 52.416 ug/l
 RT: 3.068 min Scan# 21
 Delta R.T. 0.007 min
 Lab File: VY019909.D
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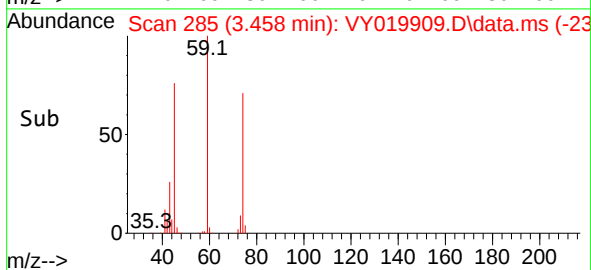
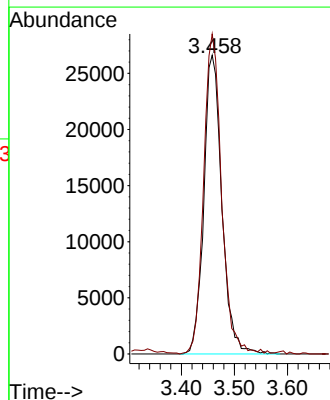
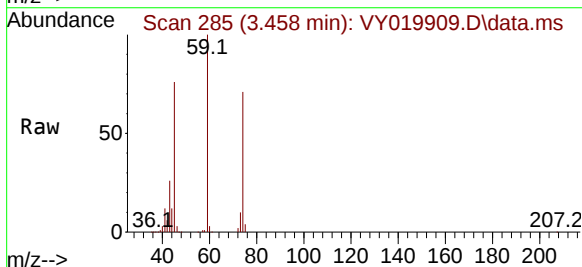
Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion:101 Resp: 260363
 Ion Ratio Lower Upper
 101 100
 103 63.8 49.3 73.9



#8
 Diethyl Ether
 Concen: 41.667 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. 0.000 min
 Lab File: VY019909.D
 Acq: 16 Oct 2024 10:10

Tgt Ion: 74 Resp: 62902
 Ion Ratio Lower Upper
 74 100
 45 106.3 41.3 124.1

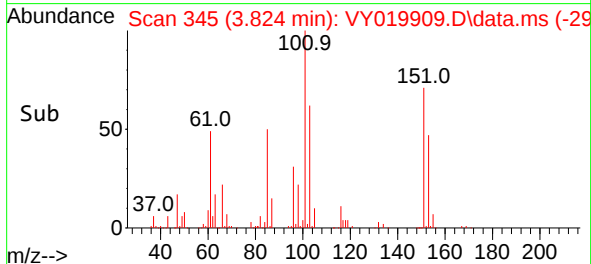
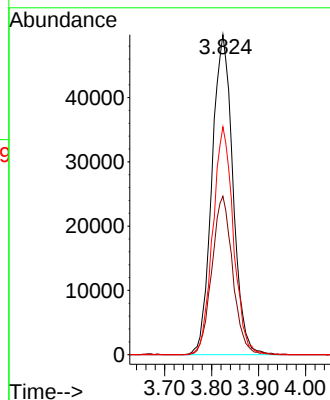
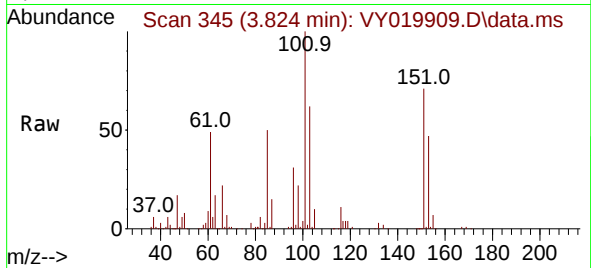




#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.379 ug/l
RT: 3.824 min Scan# 344
Delta R.T. 0.013 min
Lab File: VY019909.D
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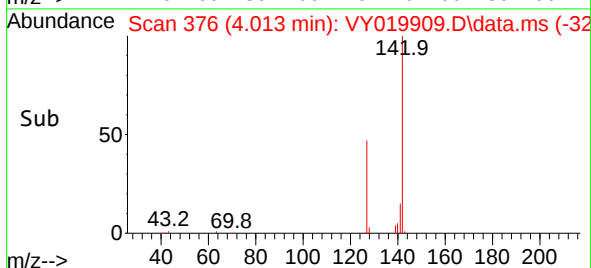
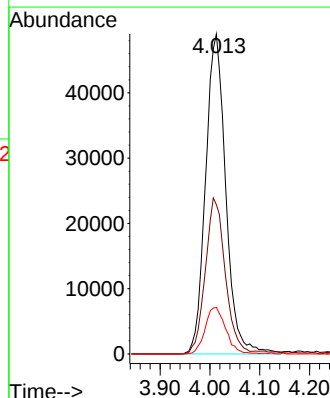
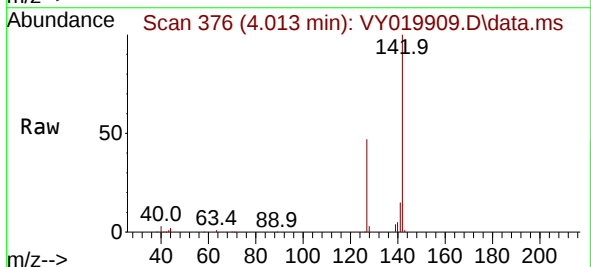
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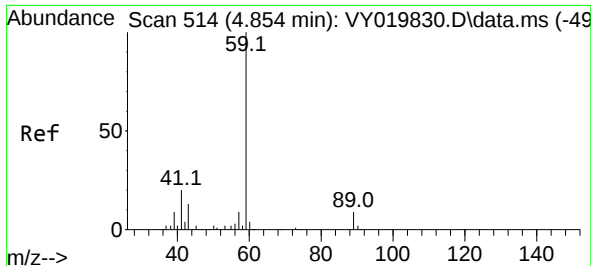
Tgt Ion:101 Resp: 154226
Ion Ratio Lower Upper
101 100
85 49.1 34.5 51.7
151 70.1 61.7 92.5



#10
Methyl Iodide
Concen: 47.184 ug/l
RT: 4.013 min Scan# 376
Delta R.T. 0.007 min
Lab File: VY019909.D
Acq: 16 Oct 2024 10:10

Tgt Ion:142 Resp: 137878
Ion Ratio Lower Upper
142 100
127 48.2 32.8 49.2
141 14.9 11.4 17.2

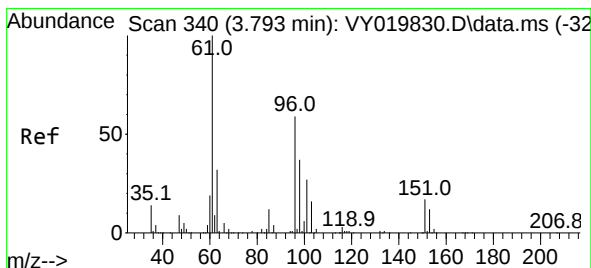
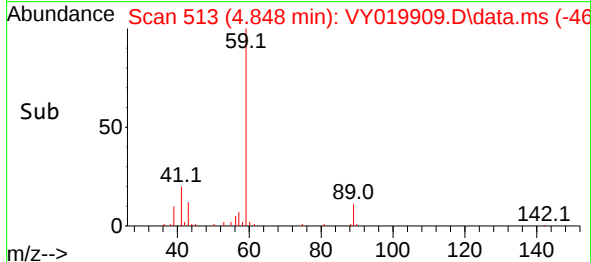
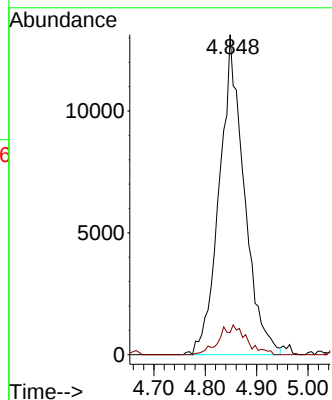
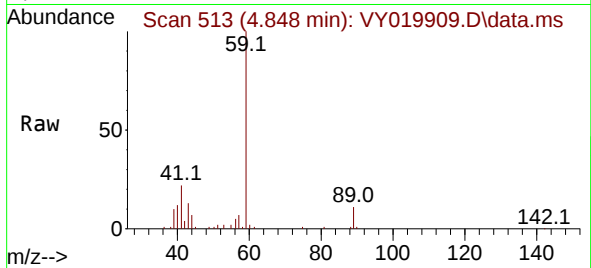




#11
Tert butyl alcohol
Concen: 171.056 ug/l
RT: 4.848 min Scan# 514
Delta R.T. -0.012 min
Lab File: VY019909.D
Acq: 16 Oct 2024 10:10

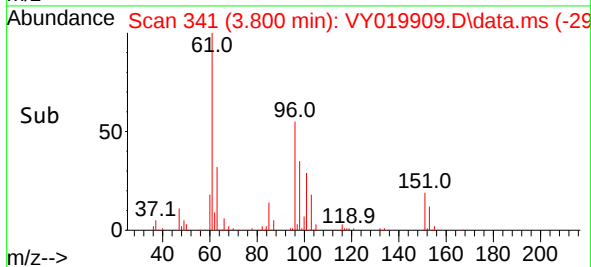
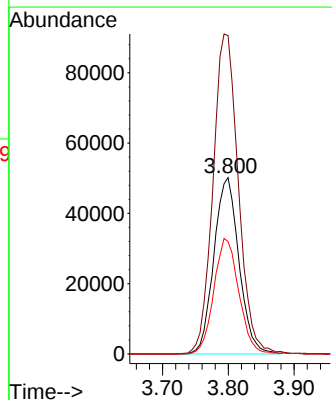
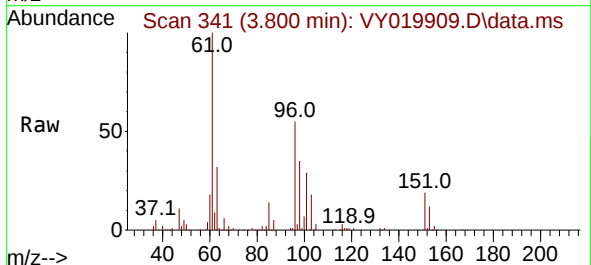
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 59 Resp: 44107
Ion Ratio Lower Upper
59 100
57 10.3 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 49.575 ug/l
RT: 3.800 min Scan# 341
Delta R.T. 0.013 min
Lab File: VY019909.D
Acq: 16 Oct 2024 10:10

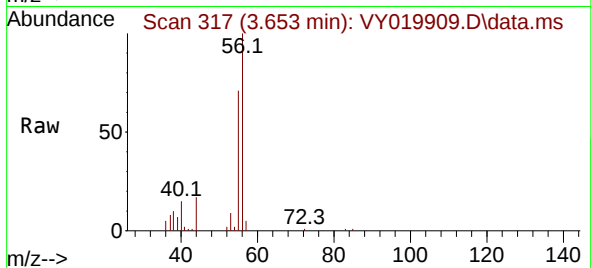
Tgt Ion: 96 Resp: 133157
Ion Ratio Lower Upper
96 100
61 180.3 114.6 171.8#
98 63.8 50.8 76.2



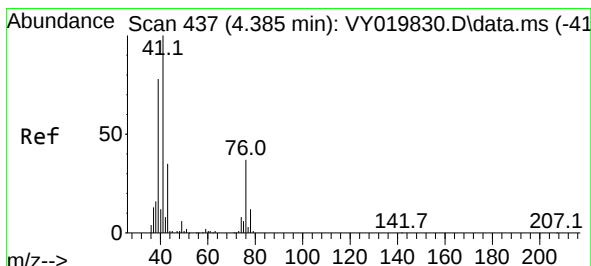
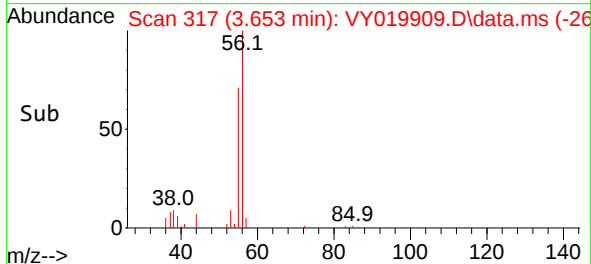
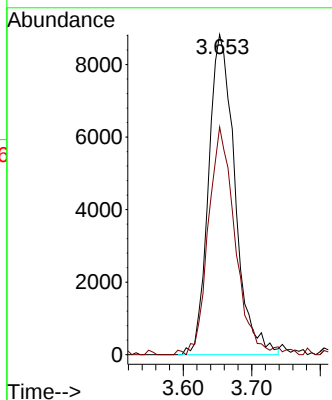


#13
Acrolein
Concen: 103.724 ug/l
RT: 3.653 min Scan# 317
Delta R.T. 0.000 min
Lab File: VY019909.D
Acq: 16 Oct 2024 10:10

Instrument :
MSVOA_Y
ClientSampleId :

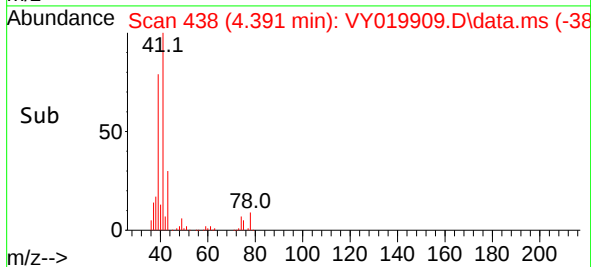
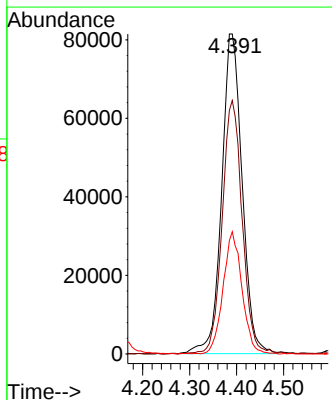
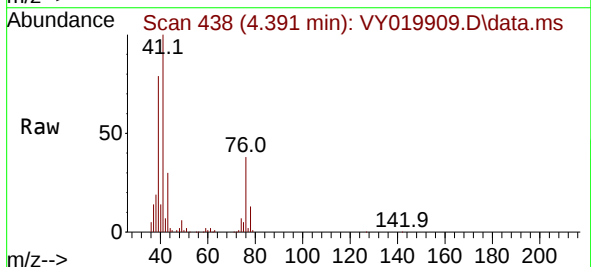


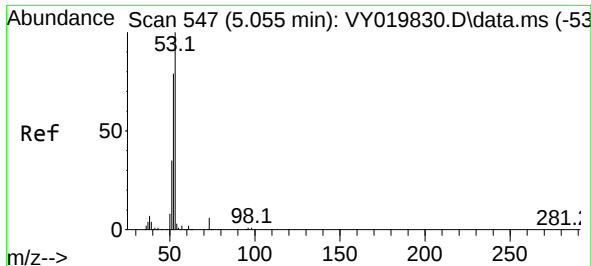
Tgt Ion: 56 Resp: 23496
Ion Ratio Lower Upper
56 100
55 71.7 55.7 83.5



#14
Allyl chloride
Concen: 50.852 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.007 min
Lab File: VY019909.D
Acq: 16 Oct 2024 10:10

Tgt Ion: 41 Resp: 246446
Ion Ratio Lower Upper
41 100
39 77.6 58.3 87.5
76 35.4 39.0 58.6#

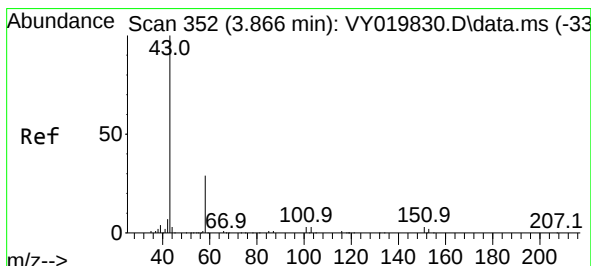
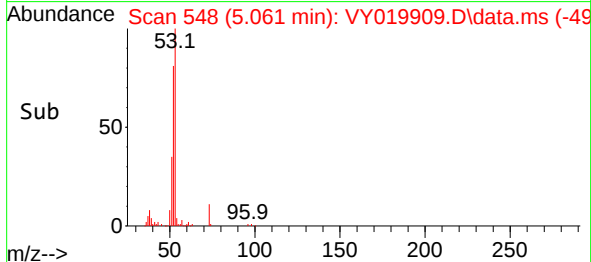
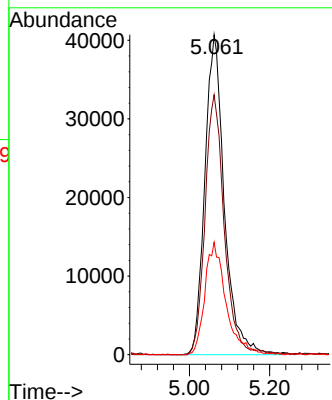
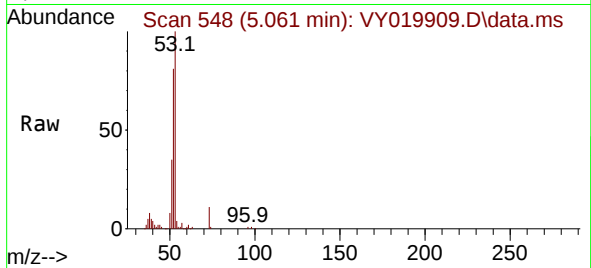




#15
Acrylonitrile
Concen: 198.860 ug/l
RT: 5.061 min Scan# 54
Delta R.T. 0.007 min
Lab File: VY019909.D
Acq: 16 Oct 2024 10:10

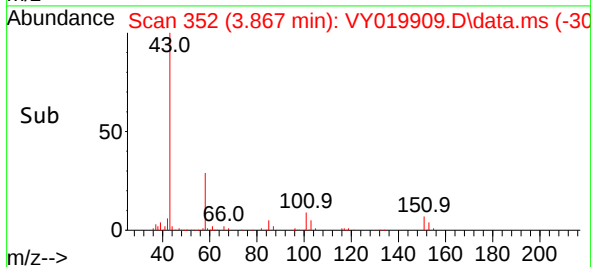
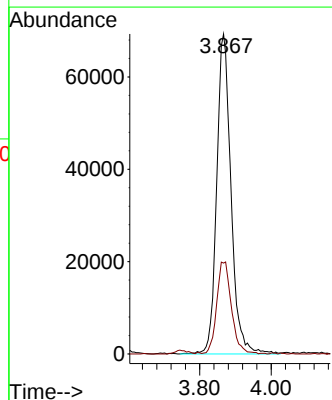
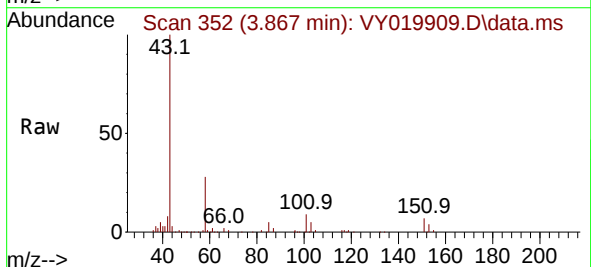
Instrument :
MSVOA_Y
ClientSampleId :

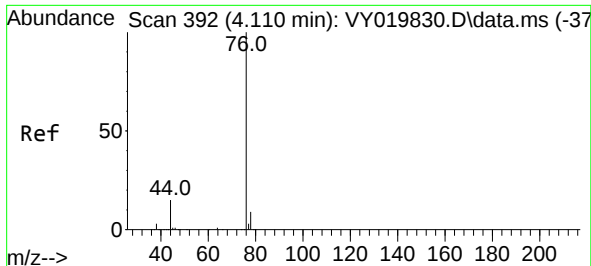
Tgt Ion: 53 Resp: 137312
Ion Ratio Lower Upper
53 100
52 80.3 64.7 97.1
51 38.0 28.4 42.6



#16
Acetone
Concen: 239.794 ug/l
RT: 3.867 min Scan# 352
Delta R.T. -0.006 min
Lab File: VY019909.D
Acq: 16 Oct 2024 10:10

Tgt Ion: 43 Resp: 192436
Ion Ratio Lower Upper
43 100
58 28.2 31.7 47.5#

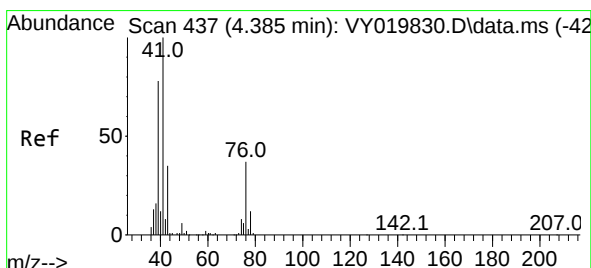
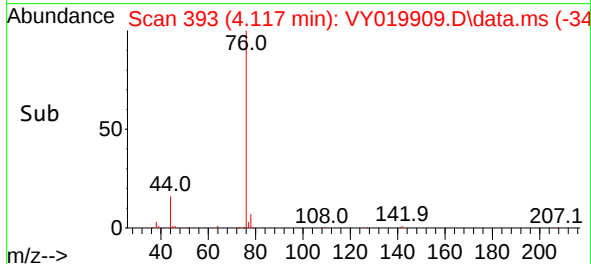
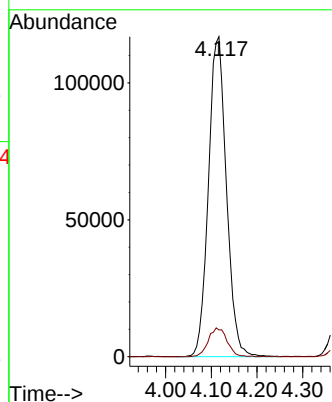
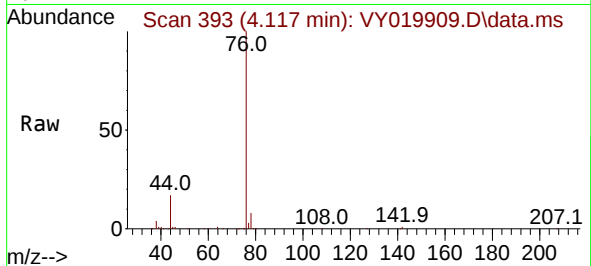




#17
Carbon Disulfide
Concen: 44.353 ug/l
RT: 4.117 min Scan# 392
Delta R.T. 0.013 min
Lab File: VY019909.D
Acq: 16 Oct 2024 10:10

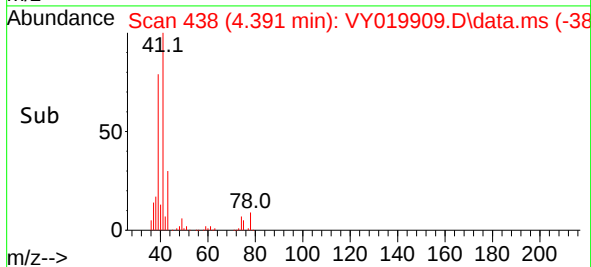
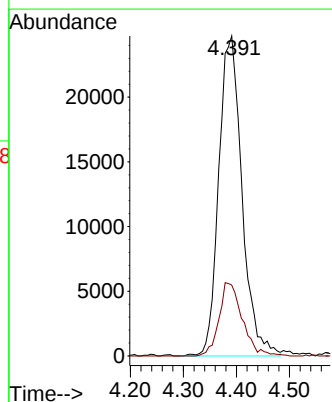
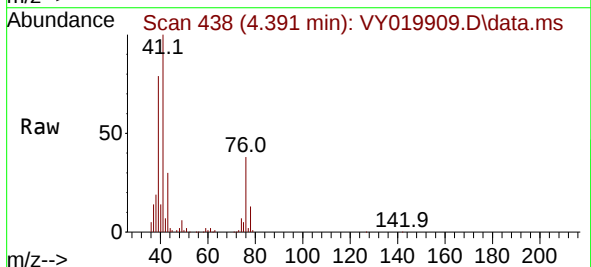
Instrument :
MSVOA_Y
ClientSampleId :

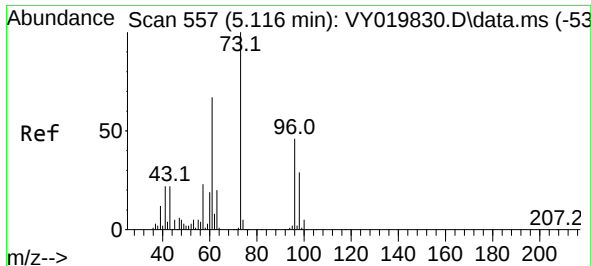
Tgt Ion: 76 Resp: 319317
Ion Ratio Lower Upper
76 100
78 8.4 6.8 10.2



#18
Methyl Acetate
Concen: 43.532 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.007 min
Lab File: VY019909.D
Acq: 16 Oct 2024 10:10

Tgt Ion: 43 Resp: 75255
Ion Ratio Lower Upper
43 100
74 23.0 23.3 34.9#

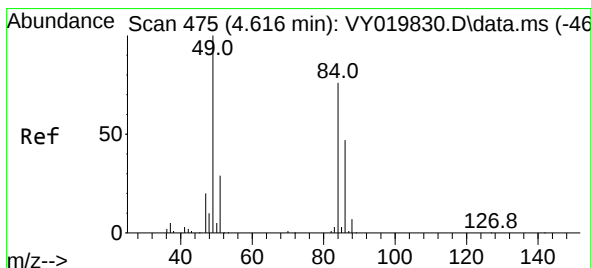
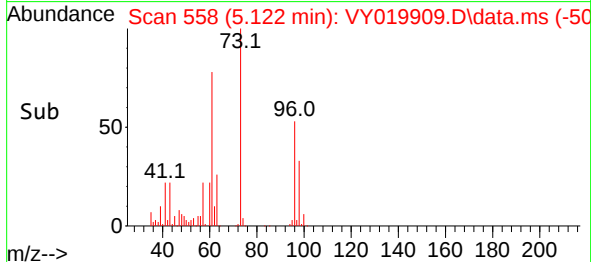
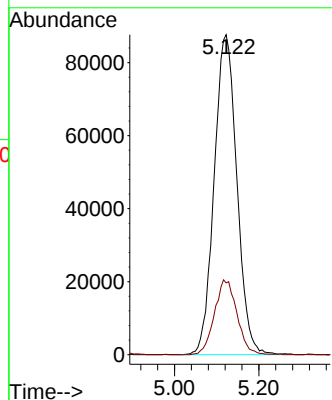
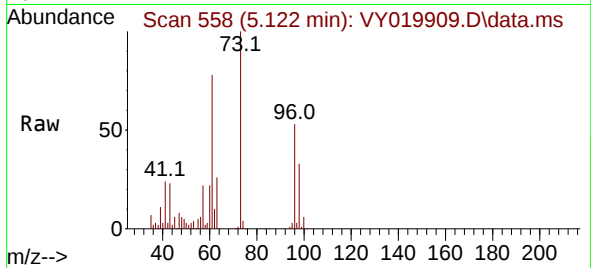




#19
Methyl tert-butyl Ether
Concen: 42.373 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.007 min
Lab File: VY019909.D
Acq: 16 Oct 2024 10:10

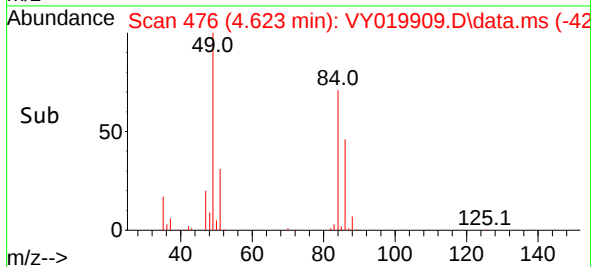
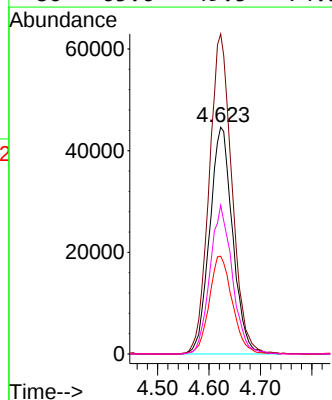
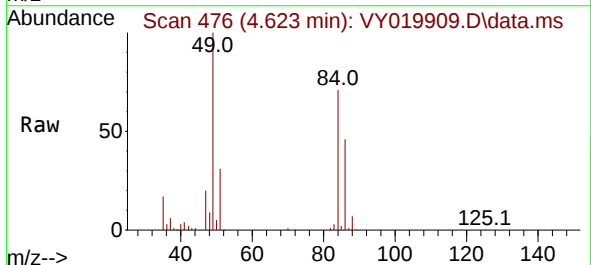
Instrument :
MSVOA_Y
ClientSampleId :

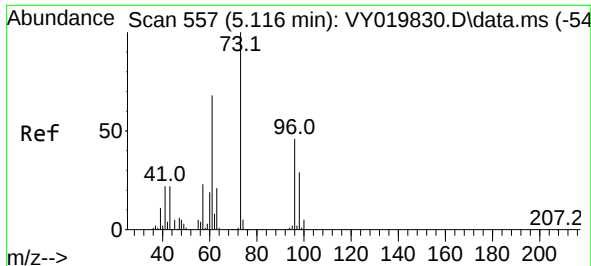
Tgt Ion: 73 Resp: 326978
Ion Ratio Lower Upper
73 100
57 22.5 17.3 25.9



#20
Methylene Chloride
Concen: 46.616 ug/l
RT: 4.623 min Scan# 476
Delta R.T. 0.007 min
Lab File: VY019909.D
Acq: 16 Oct 2024 10:10

Tgt Ion: 84 Resp: 138387
Ion Ratio Lower Upper
84 100
49 141.2 84.4 126.6#
51 43.1 26.0 39.0#
86 65.6 49.5 74.3

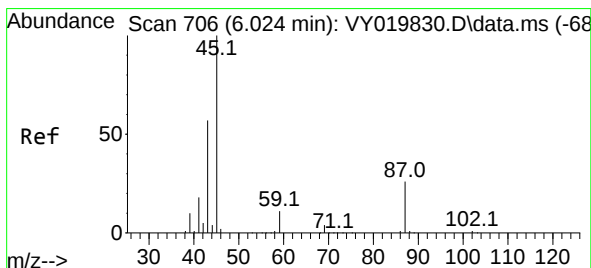
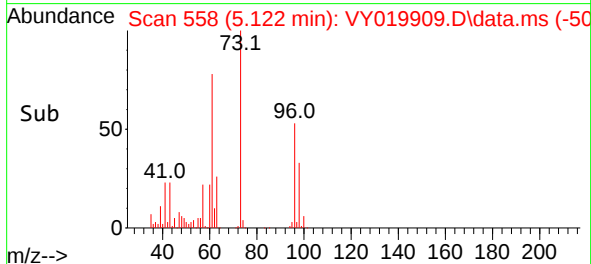
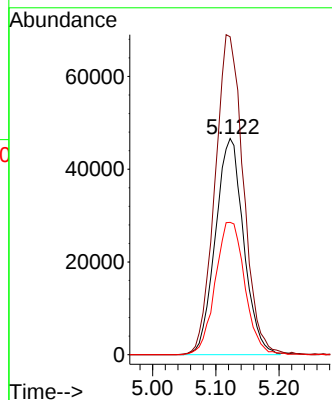
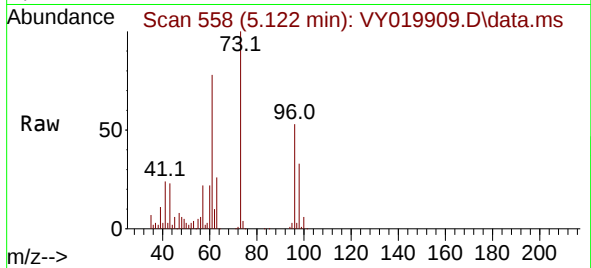




#21
trans-1,2-Dichloroethene
Concen: 49.428 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.013 min
Lab File: VY019909.D
Acq: 16 Oct 2024 10:10

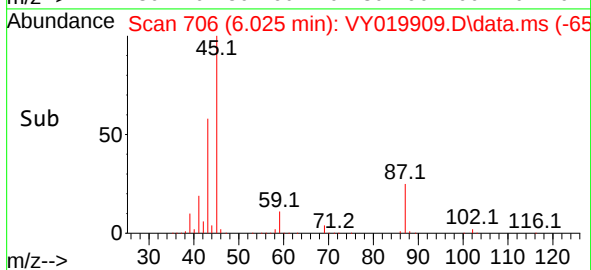
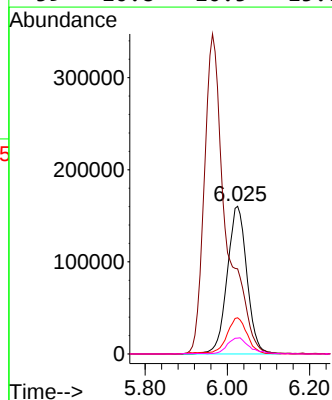
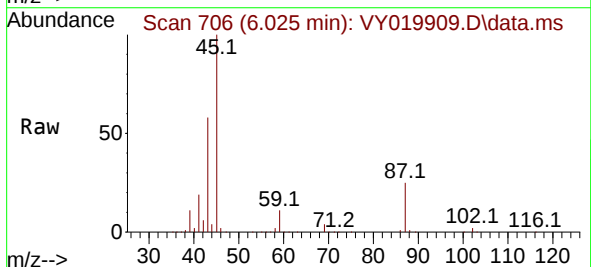
Instrument :
MSVOA_Y
ClientSampleId :

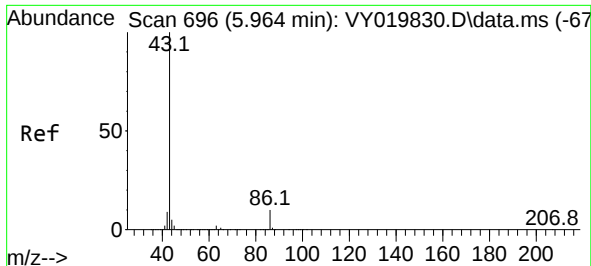
Tgt Ion: 96 Resp: 144494
Ion Ratio Lower Upper
96 100
61 146.9 97.5 146.3#
98 61.2 50.5 75.7



#22
Diisopropyl ether
Concen: 50.527 ug/l
RT: 6.025 min Scan# 706
Delta R.T. 0.007 min
Lab File: VY019909.D
Acq: 16 Oct 2024 10:10

Tgt Ion: 45 Resp: 533369
Ion Ratio Lower Upper
45 100
43 57.6 42.2 63.2
87 24.4 25.0 37.6#
59 10.8 10.5 15.7

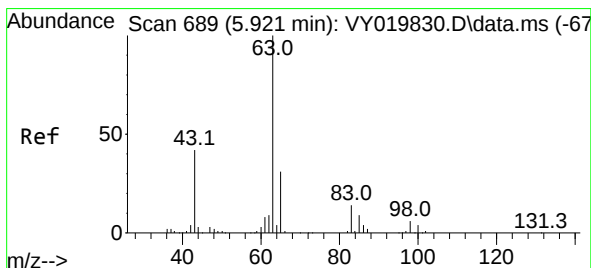
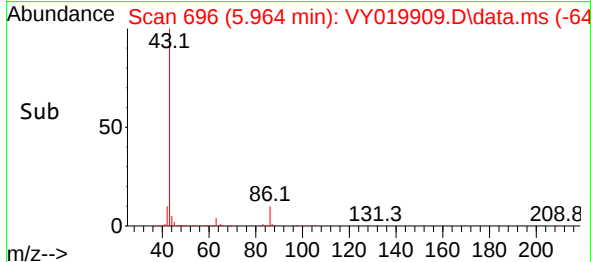
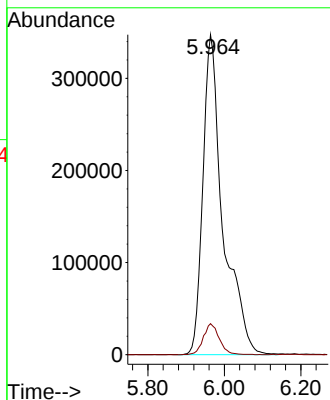
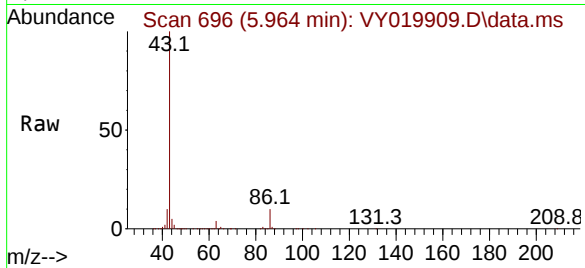




#23
 Vinyl Acetate
 Concen: 209.329 ug/l
 RT: 5.964 min Scan# 696
 Delta R.T. 0.007 min
 Lab File: VY019909.D
 Acq: 16 Oct 2024 10:10

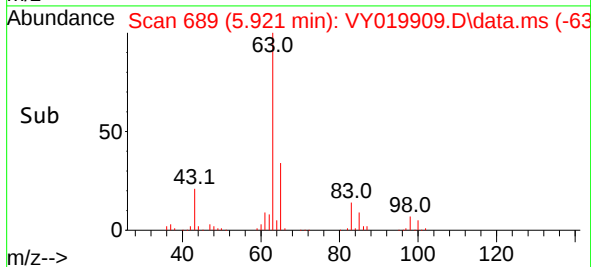
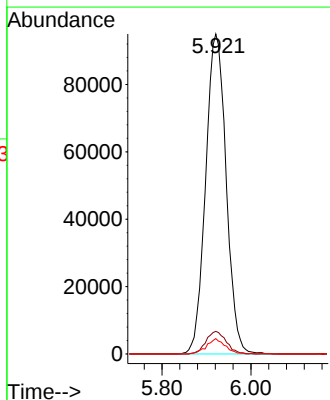
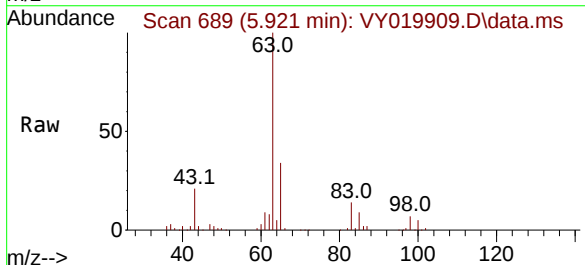
Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion: 43 Resp: 1266790
 Ion Ratio Lower Upper
 43 100
 86 9.7 10.6 16.0#



#24
 1,1-Dichloroethane
 Concen: 51.930 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. 0.007 min
 Lab File: VY019909.D
 Acq: 16 Oct 2024 10:10

Tgt Ion: 63 Resp: 304724
 Ion Ratio Lower Upper
 63 100
 98 7.0 4.0 12.2
 100 4.8 2.6 8.0





#25

2-Butanone

Concen: 218.990 ug/l

RT: 6.897 min Scan# 849

Delta R.T. 0.007 min

Lab File: VY019909.D

Acq: 16 Oct 2024 10:10

Instrument :

MSVOA_Y

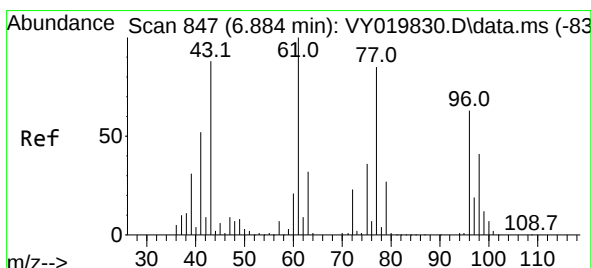
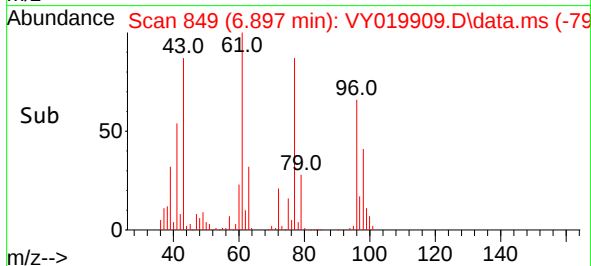
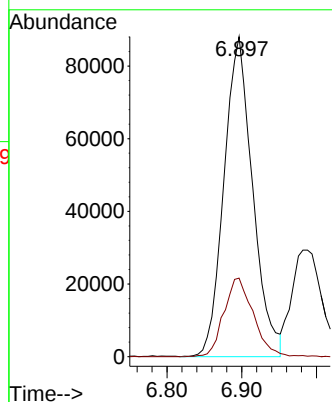
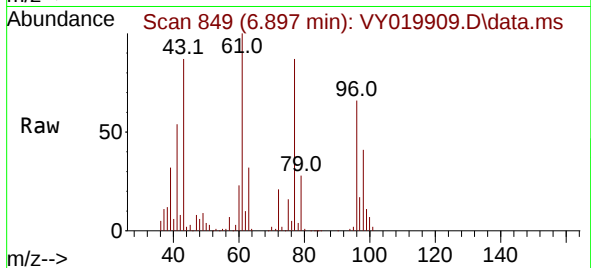
ClientSampleId :

Tgt Ion: 43 Resp: 235234

Ion Ratio Lower Upper

43 100

72 24.5 27.3 40.9#



#26

2,2-Dichloropropane

Concen: 52.314 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.007 min

Lab File: VY019909.D

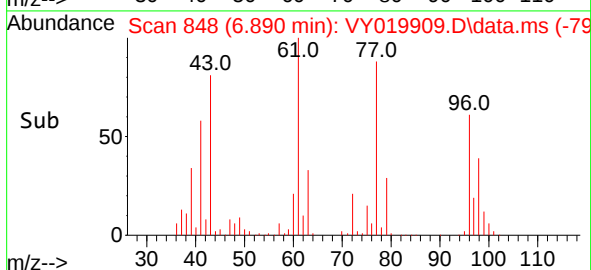
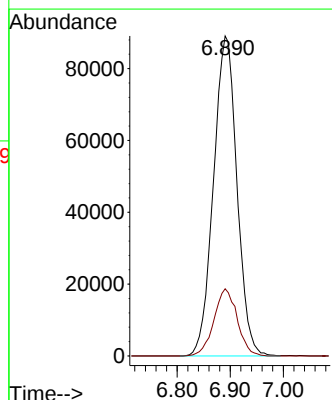
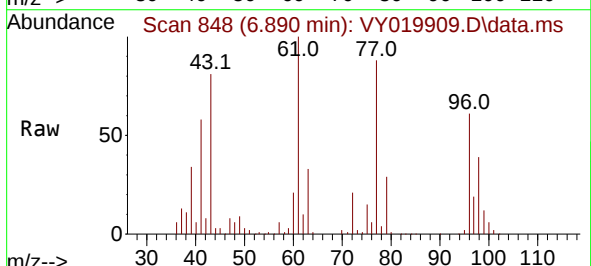
Acq: 16 Oct 2024 10:10

Tgt Ion: 77 Resp: 273385

Ion Ratio Lower Upper

77 100

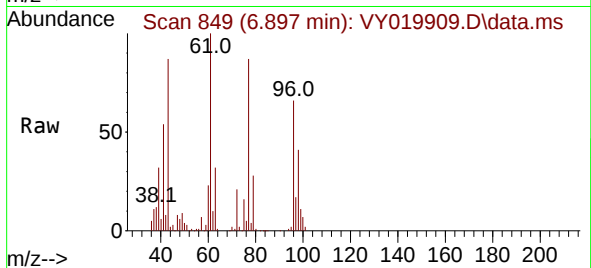
97 20.9 12.0 36.1



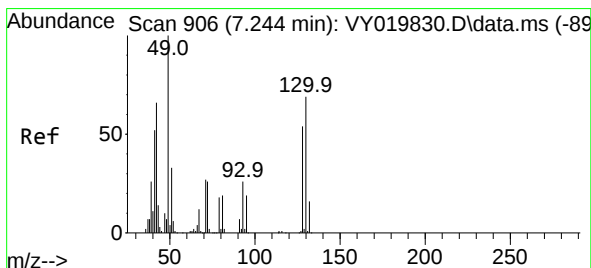
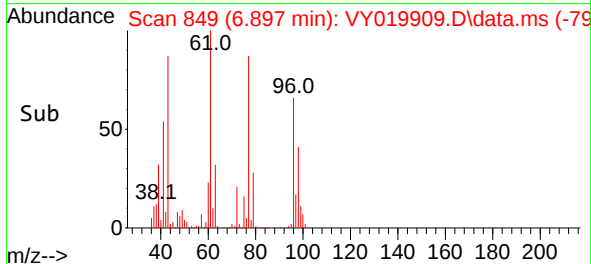
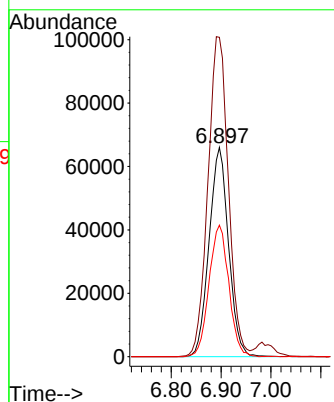


#27
 cis-1,2-Dichloroethene
 Concen: 49.546 ug/l
 RT: 6.897 min Scan# 84
 Delta R.T. 0.007 min
 Lab File: VY019909.D
 Acq: 16 Oct 2024 10:10

Instrument :
 MSVOA_Y
 ClientSampleId :

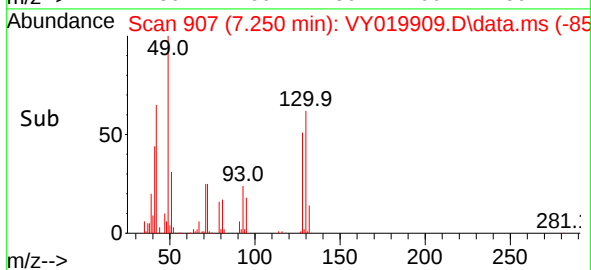
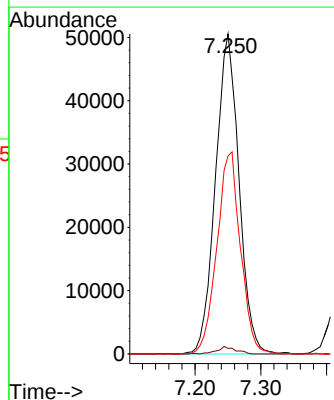
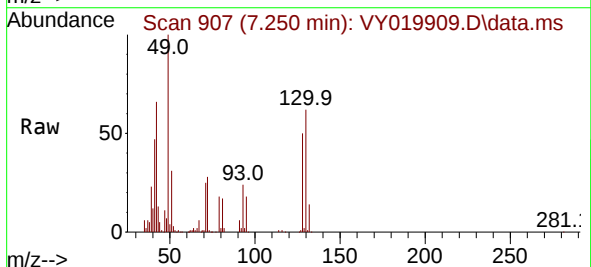


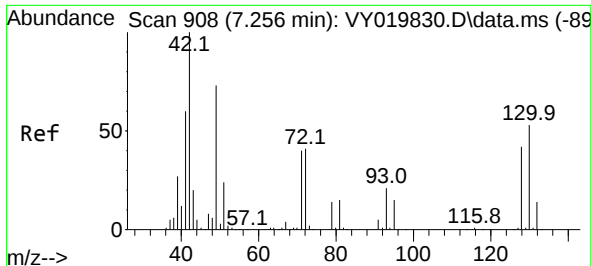
Tgt Ion: 96 Resp: 178992
 Ion Ratio Lower Upper
 96 100
 61 160.6 0.0 256.2
 98 63.8 0.0 130.0



#28
 Bromochloromethane
 Concen: 48.649 ug/l
 RT: 7.250 min Scan# 907
 Delta R.T. 0.007 min
 Lab File: VY019909.D
 Acq: 16 Oct 2024 10:10

Tgt Ion: 49 Resp: 125650
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 4.6
 130 63.4 72.7 109.1#





#29

Tetrahydrofuran

Concen: 197.588 ug/l

RT: 7.262 min Scan# 908

Delta R.T. 0.000 min

Lab File: VY019909.D

Acq: 16 Oct 2024 10:10

Instrument :

MSVOA_Y

ClientSampleId :

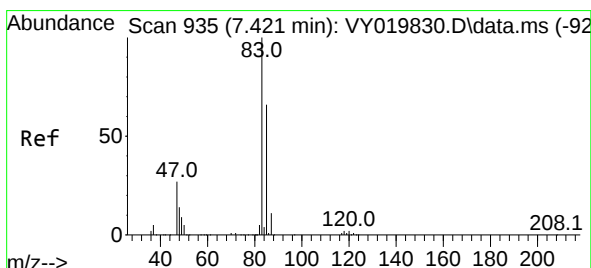
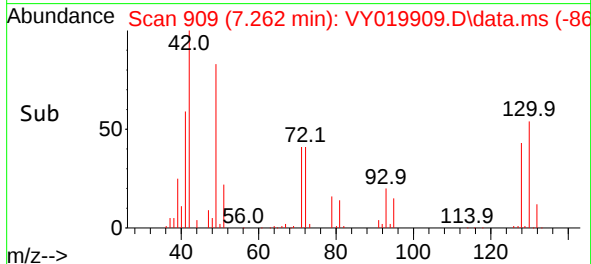
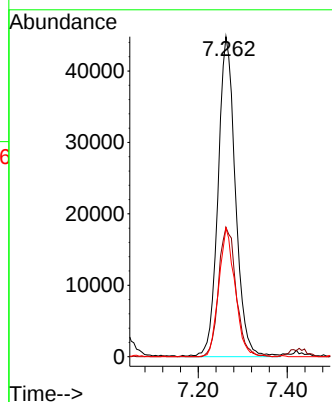
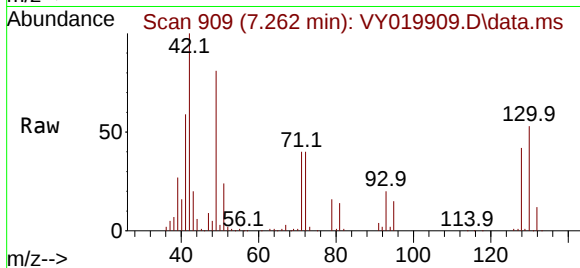
Tgt Ion: 42 Resp: 121187

Ion Ratio Lower Upper

42 100

72 40.8 43.0 64.4#

71 37.7 40.8 61.2#



#30

Chloroform

Concen: 52.243 ug/l

RT: 7.427 min Scan# 936

Delta R.T. 0.007 min

Lab File: VY019909.D

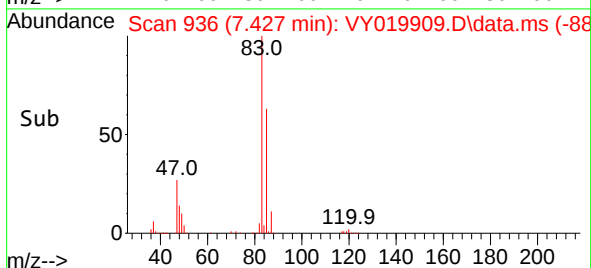
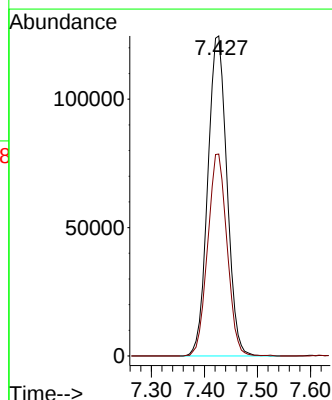
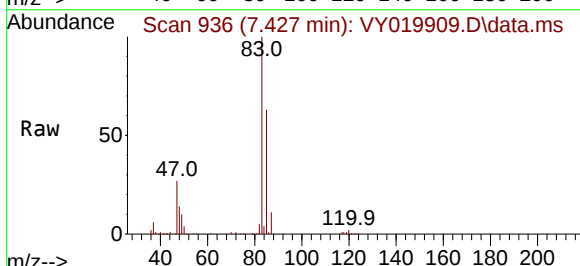
Acq: 16 Oct 2024 10:10

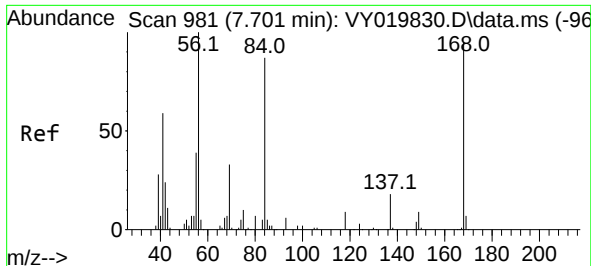
Tgt Ion: 83 Resp: 312501

Ion Ratio Lower Upper

83 100

85 63.1 52.2 78.4

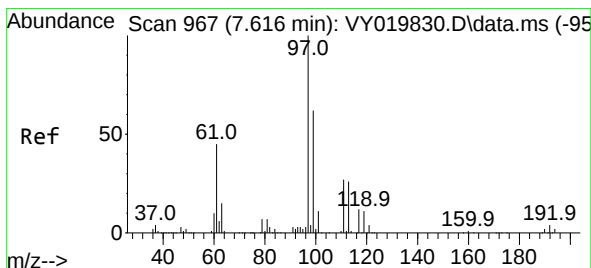
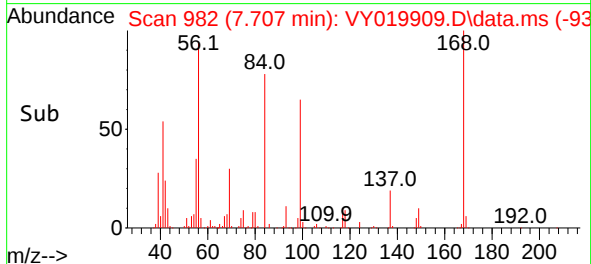
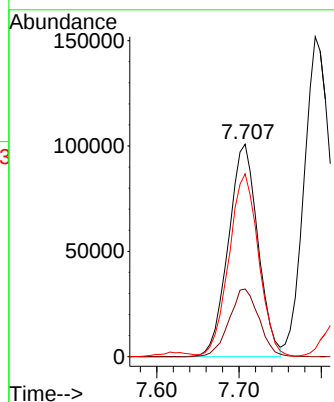
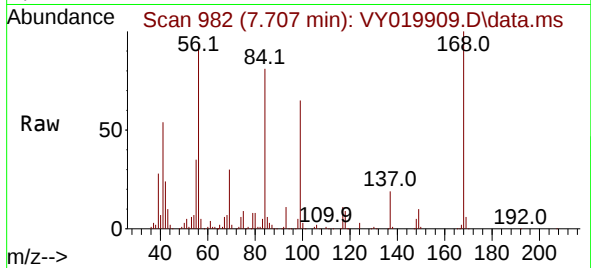




#31
Cyclohexane
Concen: 48.919 ug/l
RT: 7.707 min Scan# 919
Delta R.T. 0.007 min
Lab File: VY019909.D
Acq: 16 Oct 2024 10:10

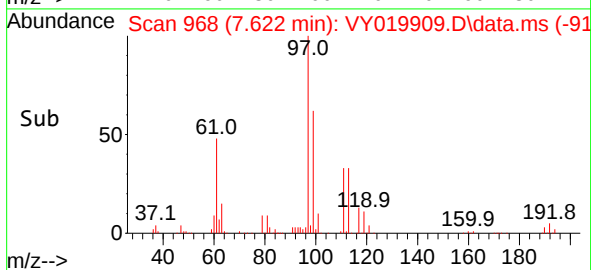
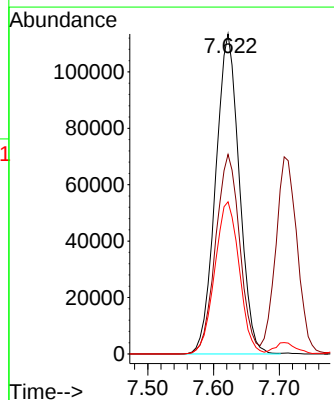
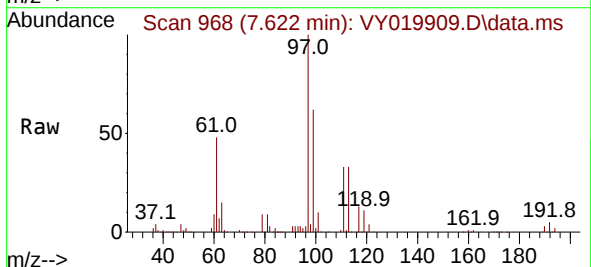
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 56 Resp: 251985
Ion Ratio Lower Upper
56 100
69 32.0 28.7 43.1
84 84.3 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 54.315 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.007 min
Lab File: VY019909.D
Acq: 16 Oct 2024 10:10

Tgt Ion: 97 Resp: 284730
Ion Ratio Lower Upper
97 100
99 63.7 50.3 75.5
61 49.2 32.6 48.8#





#33

1,2-Dichloroethane-d4

Concen: 44.327 ug/l

RT: 8.067 min Scan# 11041

Delta R.T. 0.007 min

Lab File: VY019909.D

Acq: 16 Oct 2024 10:10

Instrument :

MSVOA_Y

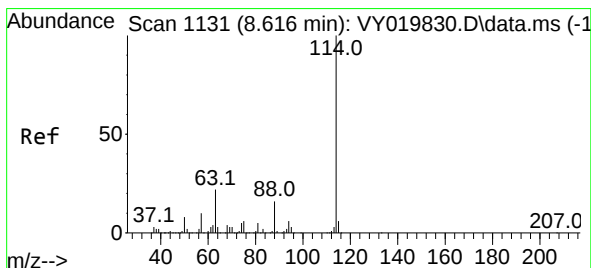
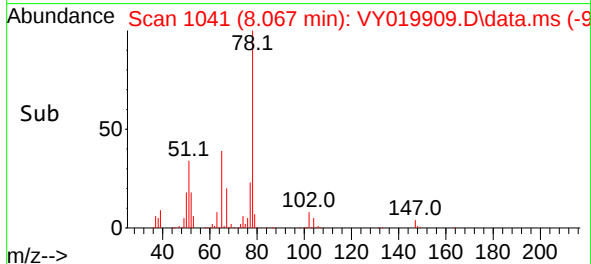
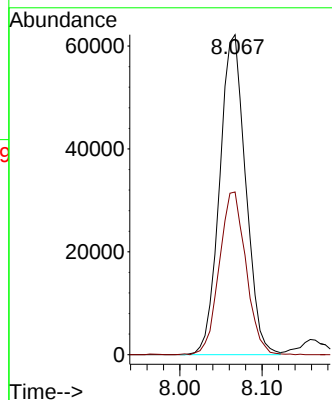
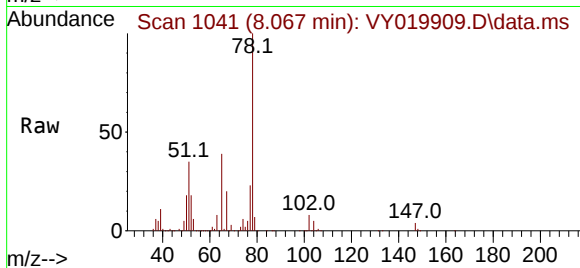
ClientSampleId :

Tgt Ion: 65 Resp: 136650

Ion Ratio Lower Upper

65 100

67 52.2 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY019909.D

Acq: 16 Oct 2024 10:10

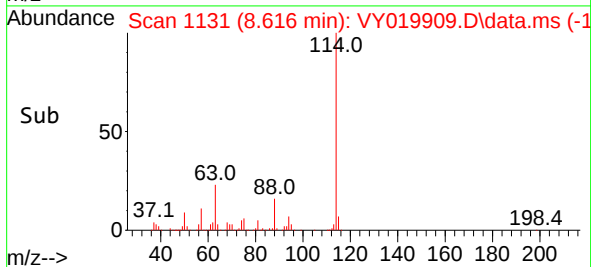
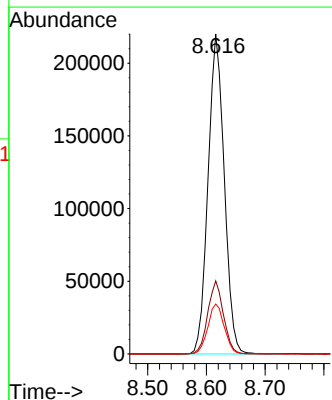
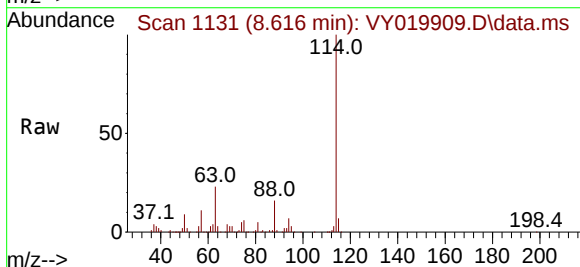
Tgt Ion: 114 Resp: 421906

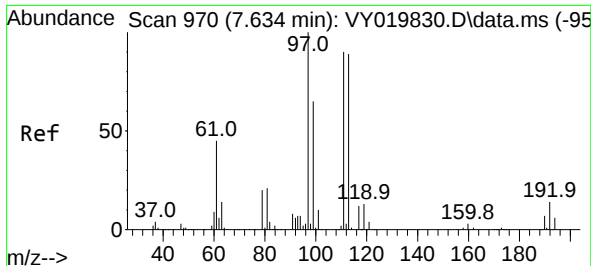
Ion Ratio Lower Upper

114 100

63 22.9 0.0 35.0

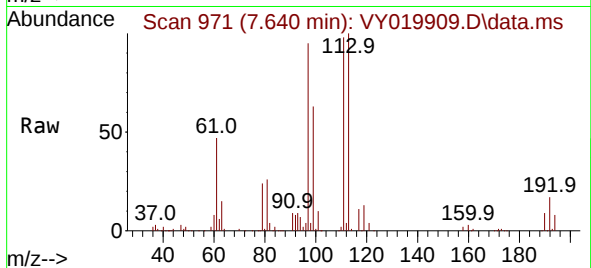
88 15.6 0.0 27.2



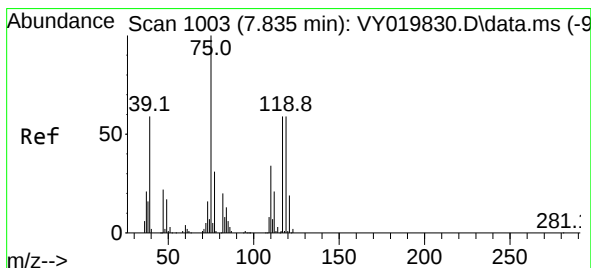
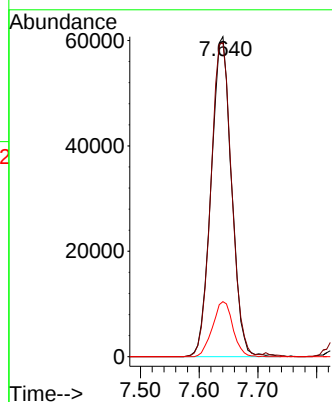
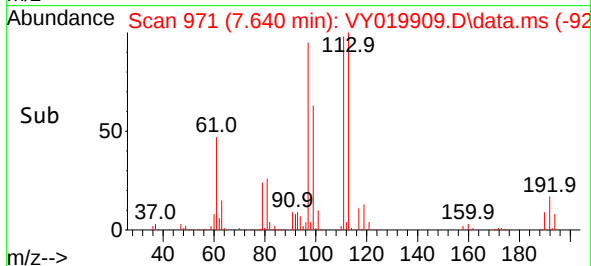


#35
Dibromofluoromethane
Concen: 52.512 ug/l
RT: 7.640 min Scan# 91
Delta R.T. 0.007 min
Lab File: VY019909.D
Acq: 16 Oct 2024 10:10

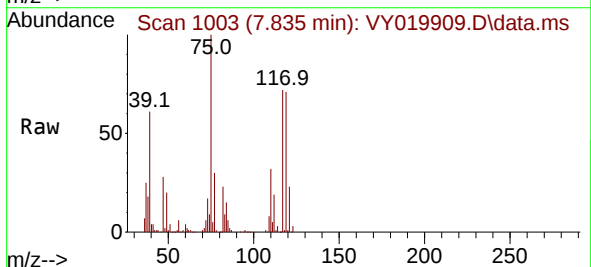
Instrument :
MSVOA_Y
ClientSampleId :



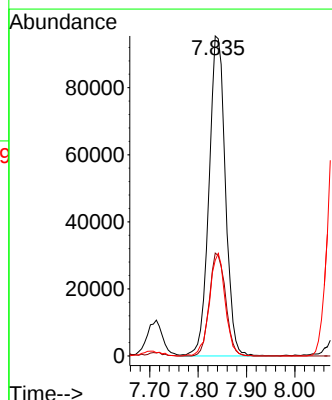
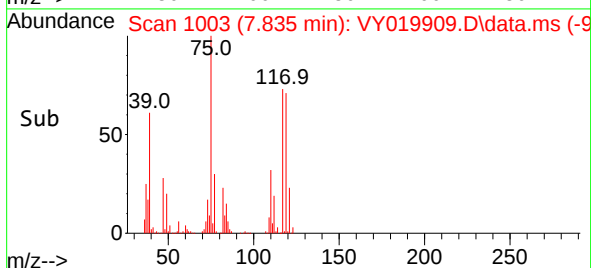
Tgt Ion:113 Resp: 146200
Ion Ratio Lower Upper
113 100
111 99.9 82.2 123.4
192 17.1 15.9 23.9

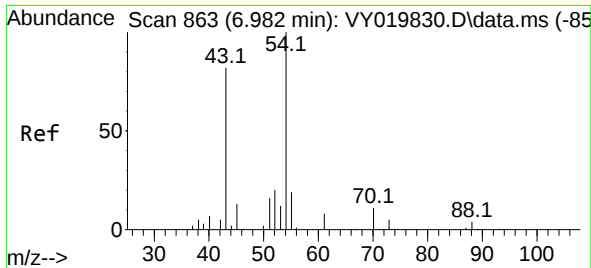


#36
1,1-Dichloropropene
Concen: 55.980 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY019909.D
Acq: 16 Oct 2024 10:10



Tgt Ion: 75 Resp: 224537
Ion Ratio Lower Upper
75 100
110 31.8 19.0 57.0
77 30.9 25.3 37.9

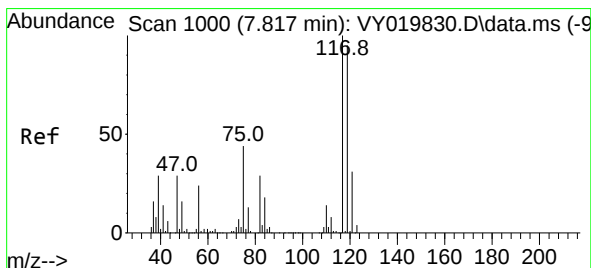
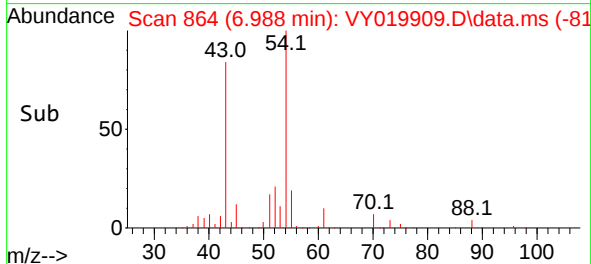
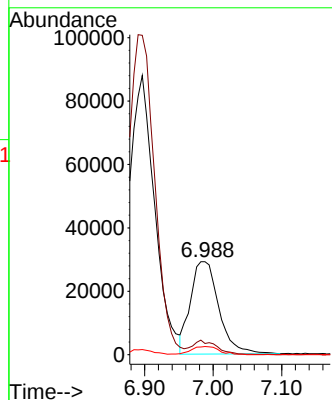
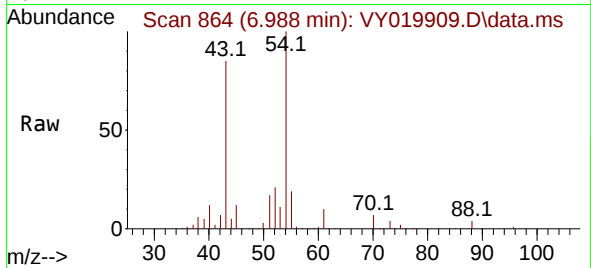




#37
Ethyl Acetate
Concen: 40.249 ug/l
RT: 6.988 min Scan# 80
Delta R.T. 0.007 min
Lab File: VY019909.D
Acq: 16 Oct 2024 10:10

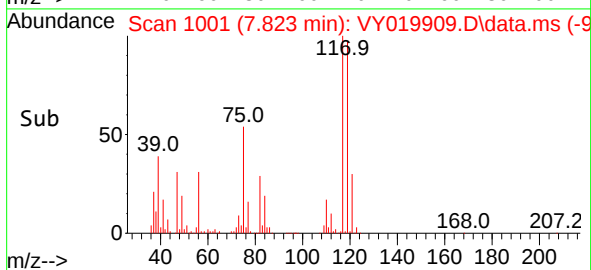
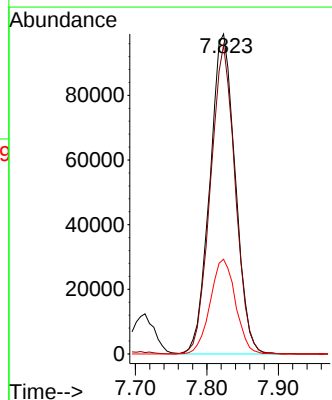
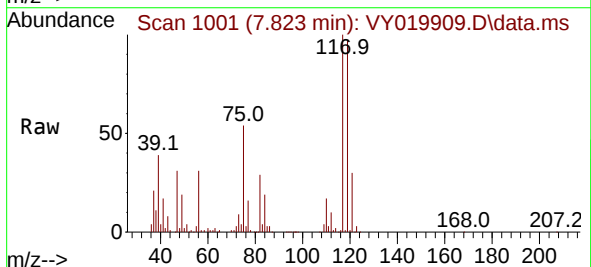
Instrument :
MSVOA_Y
ClientSampleId :

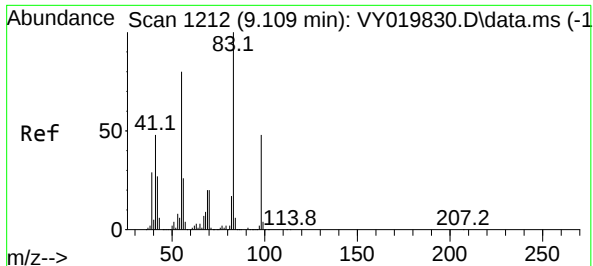
Tgt Ion: 43 Resp: 84181
Ion Ratio Lower Upper
43 100
61 13.0 12.6 19.0
70 8.7 7.8 11.8



#38
Carbon Tetrachloride
Concen: 56.758 ug/l
RT: 7.823 min Scan# 1001
Delta R.T. 0.007 min
Lab File: VY019909.D
Acq: 16 Oct 2024 10:10

Tgt Ion: 117 Resp: 244055
Ion Ratio Lower Upper
117 100
119 96.5 75.8 113.6
121 29.6 24.0 36.0





#39

Methylcyclohexane

Concen: 53.123 ug/l

RT: 9.110 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019909.D

Acq: 16 Oct 2024 10:10

Instrument :

MSVOA_Y

ClientSampleId :

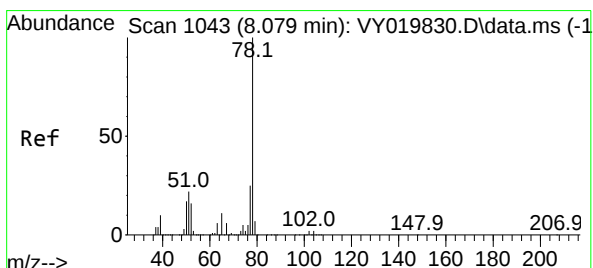
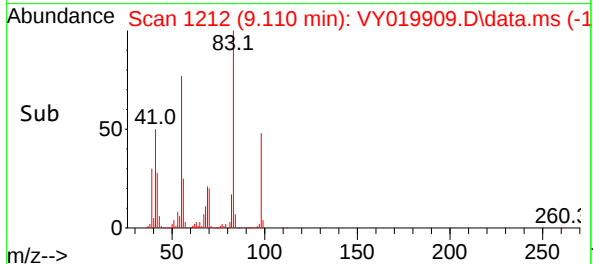
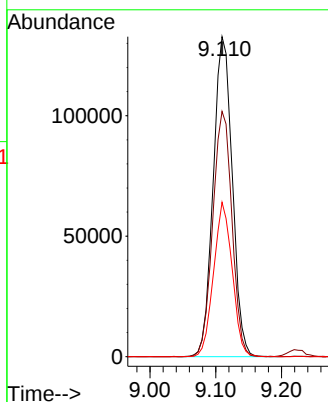
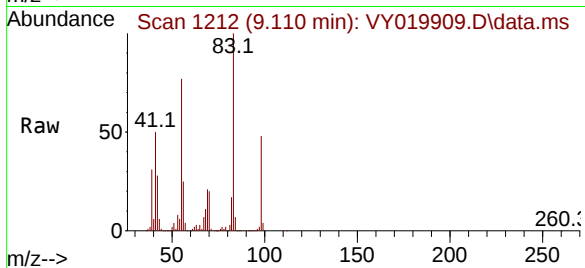
Tgt Ion: 83 Resp: 268478

Ion Ratio Lower Upper

83 100

55 76.7 51.5 77.3

98 48.2 40.5 60.7



#40

Benzene

Concen: 53.236 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. 0.007 min

Lab File: VY019909.D

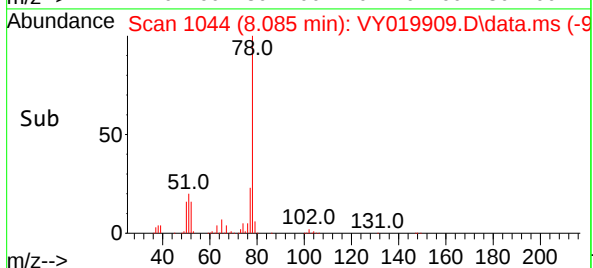
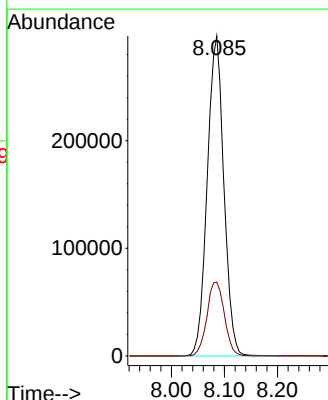
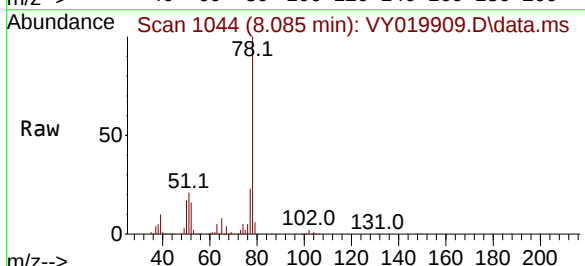
Acq: 16 Oct 2024 10:10

Tgt Ion: 78 Resp: 646222

Ion Ratio Lower Upper

78 100

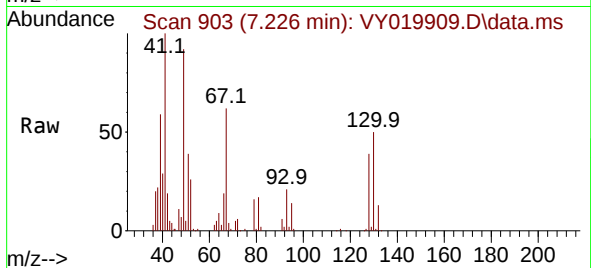
77 23.1 19.5 29.3



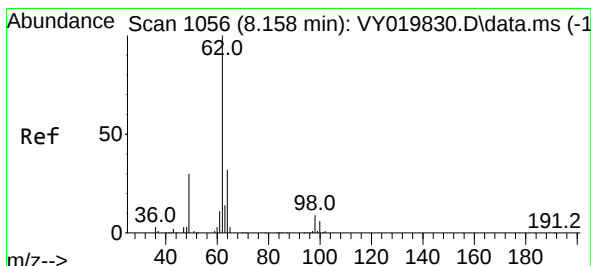
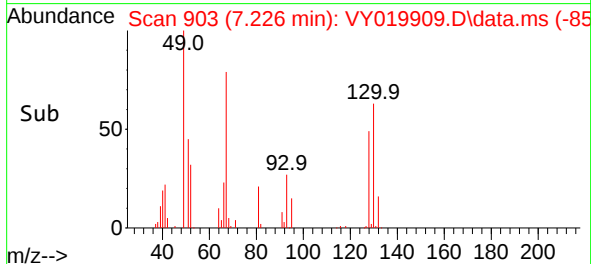
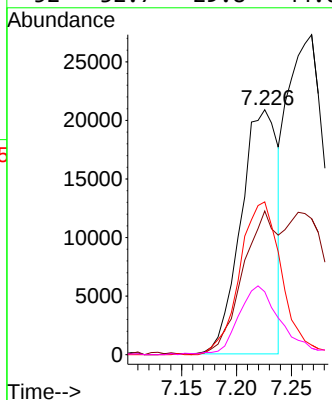


#41
Methacrylonitrile
Concen: 42.988 ug/l
RT: 7.226 min Scan# 902
Delta R.T. 0.007 min
Lab File: VY019909.D
Acq: 16 Oct 2024 10:10

Instrument :
MSVOA_Y
ClientSampleId :

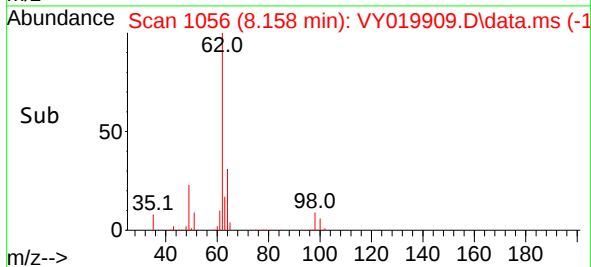
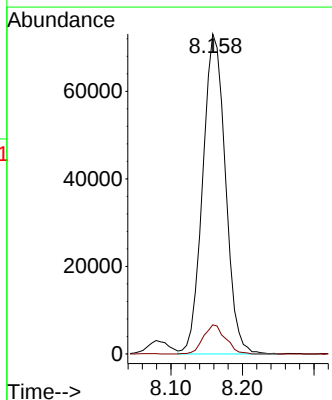
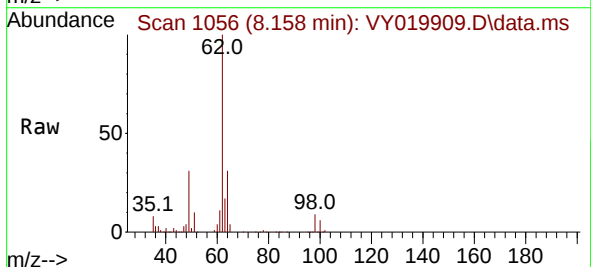


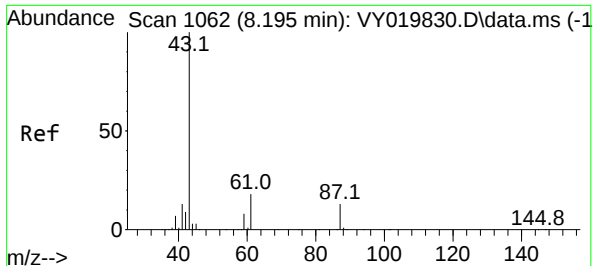
Tgt Ion:	41	Resp:	48661
Ion	Ratio	Lower	Upper
41	100		
39	55.6	48.0	72.0
67	71.4	75.1	112.7#
52	32.7	29.8	44.6



#42
1,2-Dichloroethane
Concen: 46.293 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY019909.D
Acq: 16 Oct 2024 10:10

Tgt Ion:	62	Resp:	161444
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	22.0





#43

Isopropyl Acetate

Concen: 41.046 ug/l

RT: 8.201 min Scan# 1

Delta R.T. 0.007 min

Lab File: VY019909.D

Acq: 16 Oct 2024 10:10

Instrument :

MSVOA_Y

ClientSampleId :

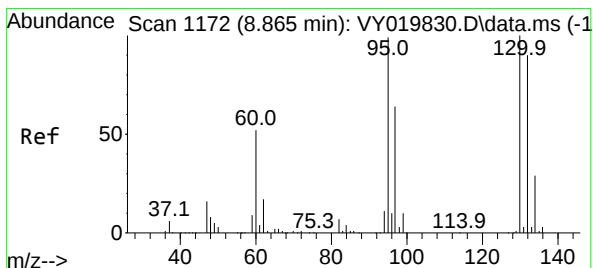
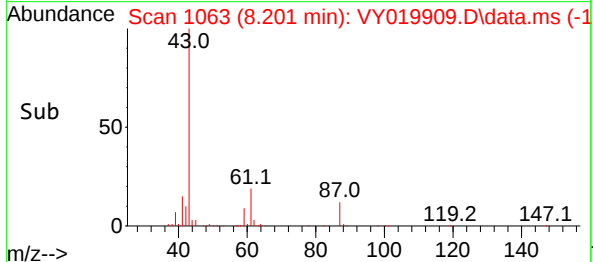
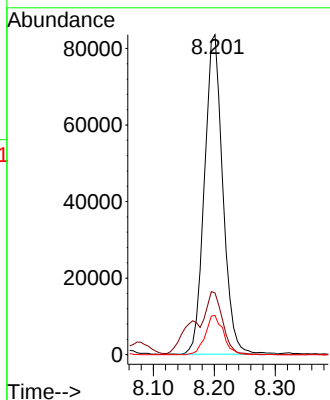
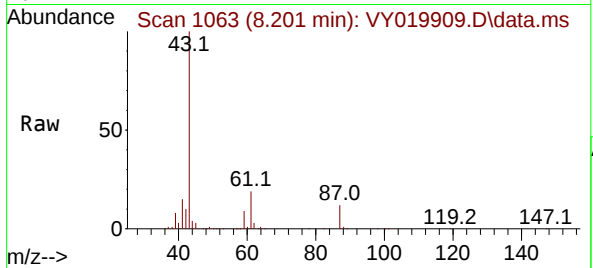
Tgt Ion: 43 Resp: 175077

Ion Ratio Lower Upper

43 100

61 18.4 27.9 41.9#

87 12.1 13.1 19.7#



#44

Trichloroethene

Concen: 51.732 ug/l

RT: 8.866 min Scan# 1172

Delta R.T. 0.000 min

Lab File: VY019909.D

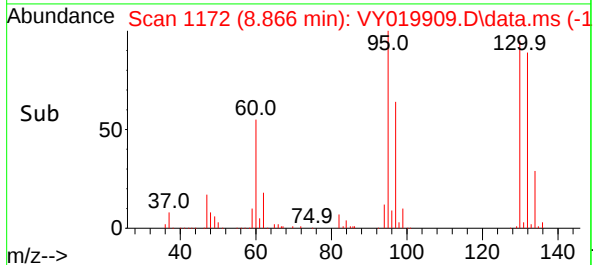
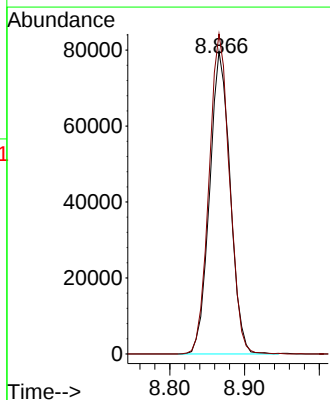
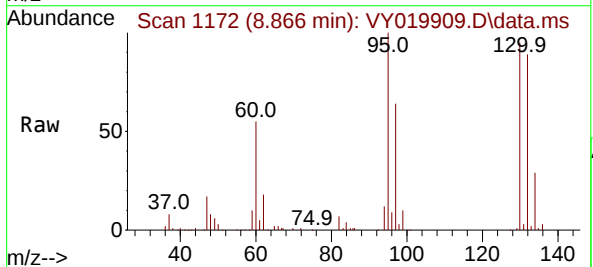
Acq: 16 Oct 2024 10:10

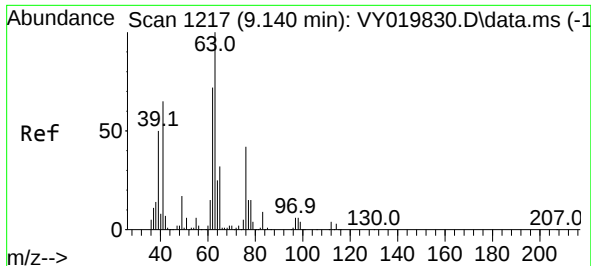
Tgt Ion:130 Resp: 152097

Ion Ratio Lower Upper

130 100

95 105.7 0.0 188.0





#45

1,2-Dichloropropane

Concen: 50.793 ug/l

RT: 9.146 min Scan# 1217

Delta R.T. 0.007 min

Lab File: VY019909.D

Acq: 16 Oct 2024 10:10

Instrument :

MSVOA_Y

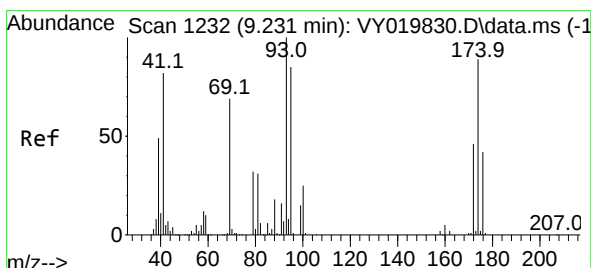
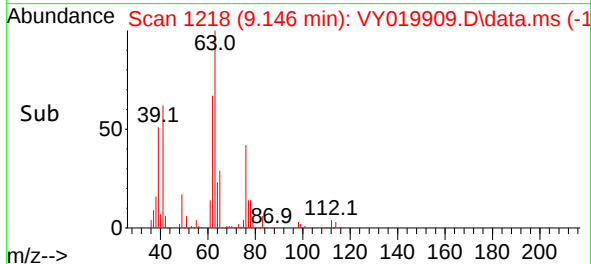
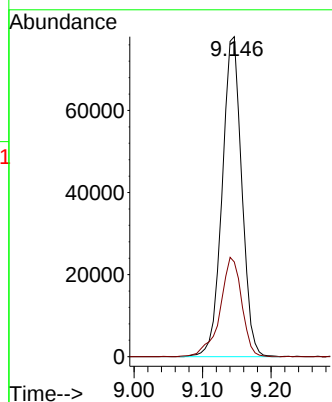
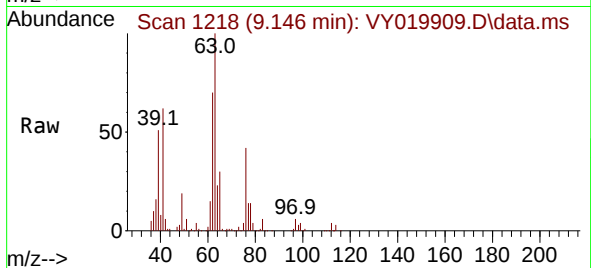
ClientSampleId :

Tgt Ion: 63 Resp: 154324

Ion Ratio Lower Upper

63 100

65 29.6 25.4 38.2



#46

Dibromomethane

Concen: 43.494 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY019909.D

Acq: 16 Oct 2024 10:10

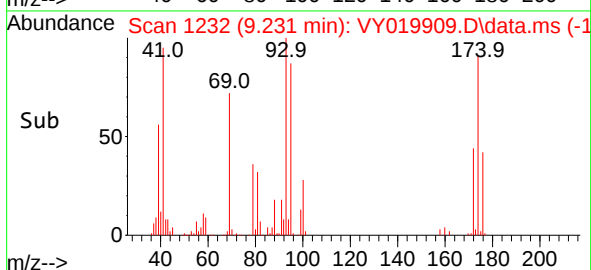
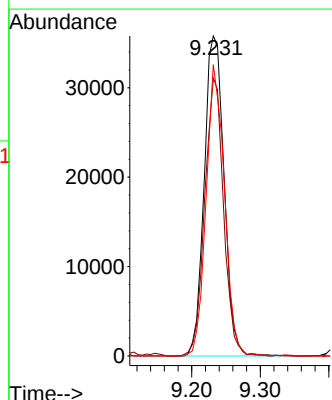
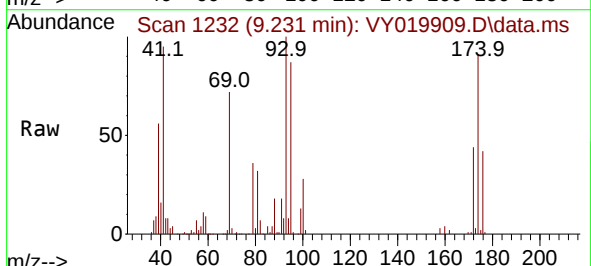
Tgt Ion: 93 Resp: 72200

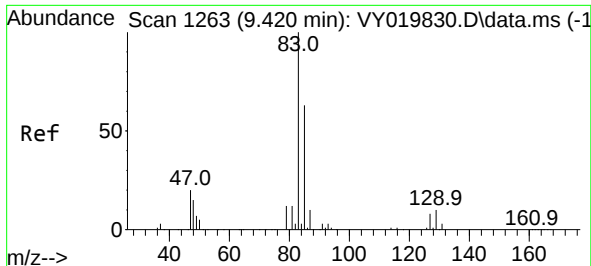
Ion Ratio Lower Upper

93 100

95 82.5 66.2 99.4

174 84.0 80.9 121.3





#47

Bromodichloromethane

Concen: 50.049 ug/l

RT: 9.427 min Scan# 1264

Delta R.T. 0.000 min

Lab File: VY019909.D

Acq: 16 Oct 2024 10:10

Instrument :

MSVOA_Y

ClientSampleId :

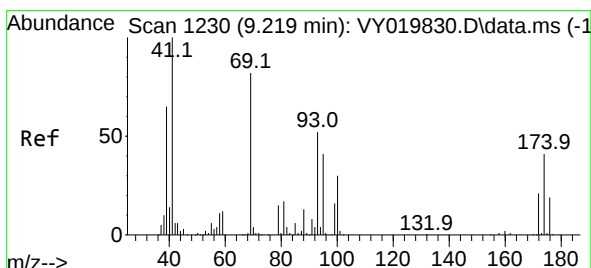
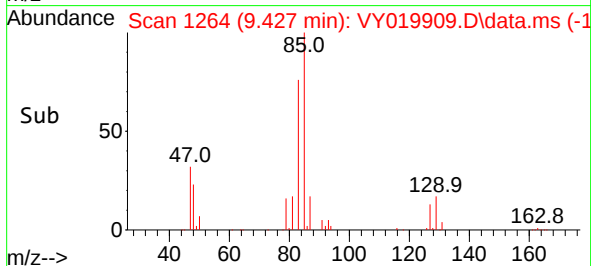
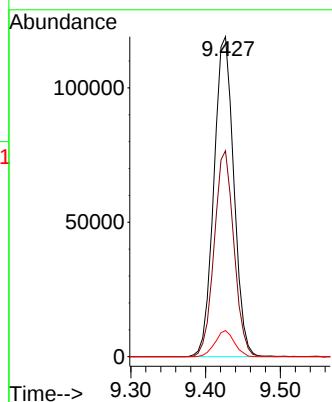
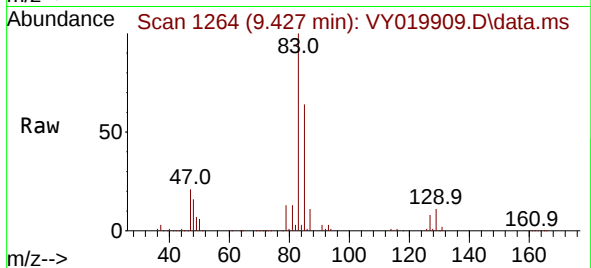
Tgt Ion: 83 Resp: 220524

Ion Ratio Lower Upper

83 100

85 64.3 50.1 75.1

127 8.1 7.4 11.0



#48

Methyl methacrylate

Concen: 43.930 ug/l

RT: 9.219 min Scan# 1230

Delta R.T. 0.000 min

Lab File: VY019909.D

Acq: 16 Oct 2024 10:10

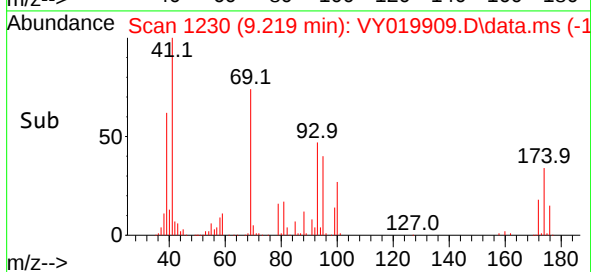
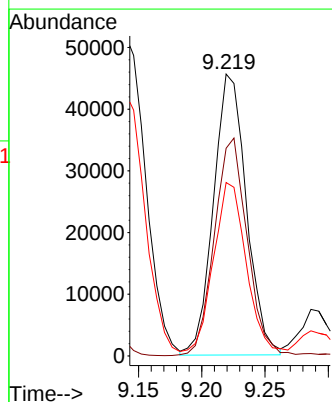
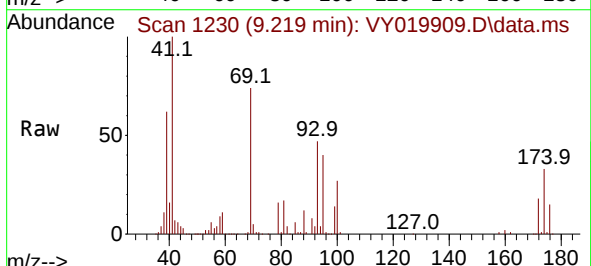
Tgt Ion: 41 Resp: 82423

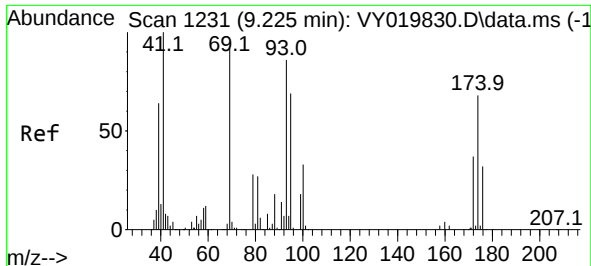
Ion Ratio Lower Upper

41 100

69 77.2 84.1 126.1#

39 59.4 43.6 65.4





#49

1,4-Dioxane

Concen: 750.674 ug/l

RT: 9.225 min Scan# 11

Delta R.T. -0.006 min

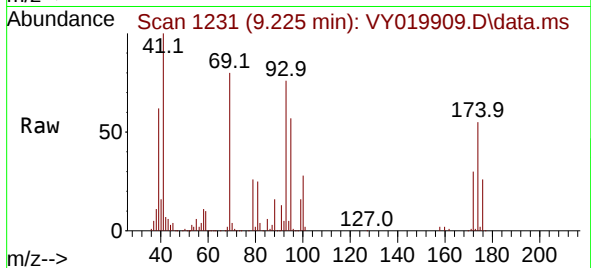
Lab File: VY019909.D

Acq: 16 Oct 2024 10:10

Instrument :

MSVOA_Y

ClientSampleId :



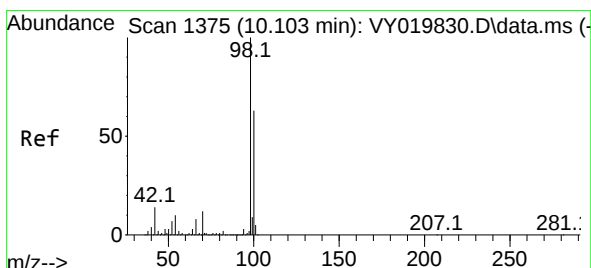
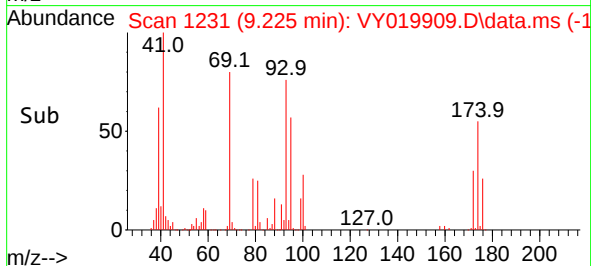
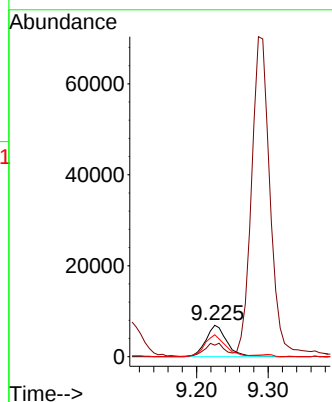
Tgt Ion: 88 Resp: 13947

Ion Ratio Lower Upper

88 100

43 39.9 0.0 0.0#

58 70.1 49.3 73.9



#50

Toluene-d8

Concen: 53.545 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY019909.D

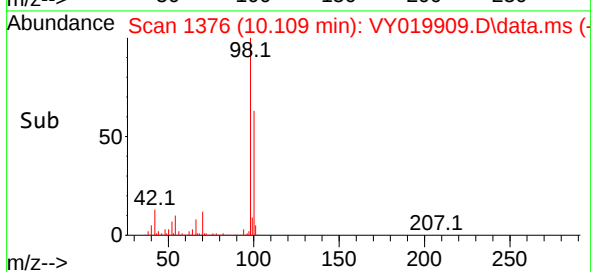
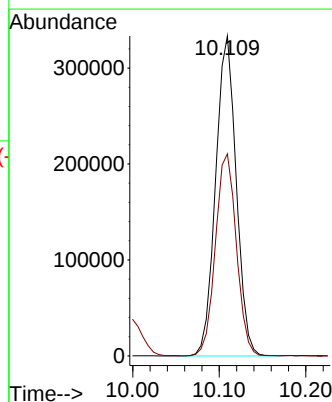
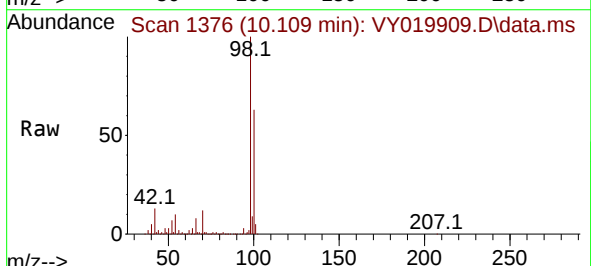
Acq: 16 Oct 2024 10:10

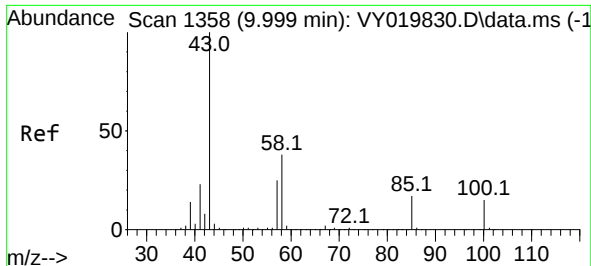
Tgt Ion: 98 Resp: 550512

Ion Ratio Lower Upper

98 100

100 64.4 52.0 78.0

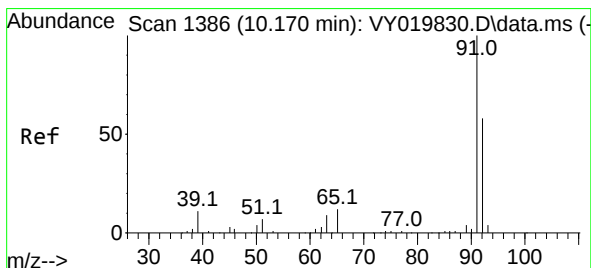
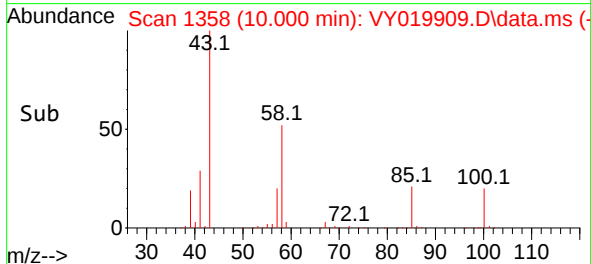
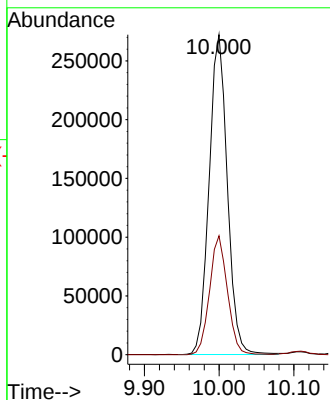
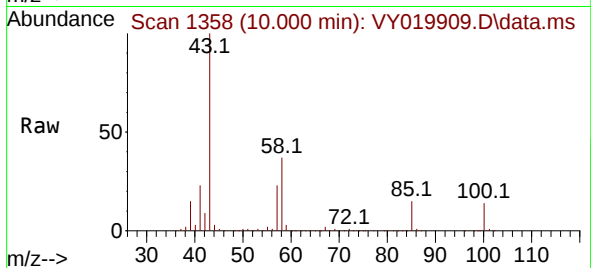




#51
4-Methyl-2-Pentanone
Concen: 211.701 ug/l
RT: 10.000 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY019909.D
Acq: 16 Oct 2024 10:10

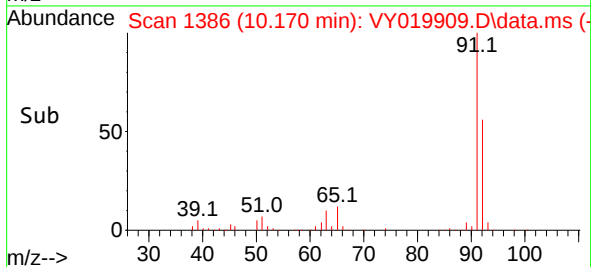
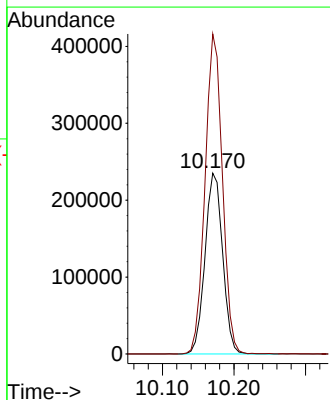
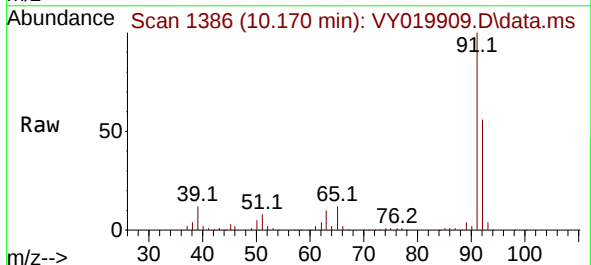
Instrument :
MSVOA_Y
ClientSampleId :

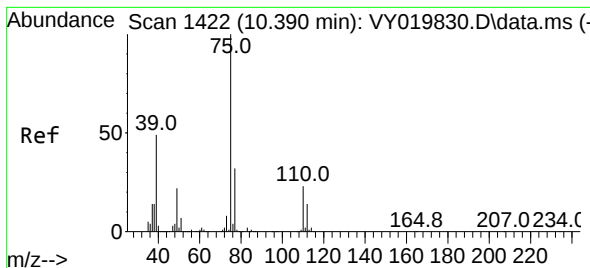
Tgt Ion: 43 Resp: 460584
Ion Ratio Lower Upper
43 100
58 36.5 35.7 53.5



#52
Toluene
Concen: 53.165 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY019909.D
Acq: 16 Oct 2024 10:10

Tgt Ion: 92 Resp: 402847
Ion Ratio Lower Upper
92 100
91 173.8 139.0 208.6

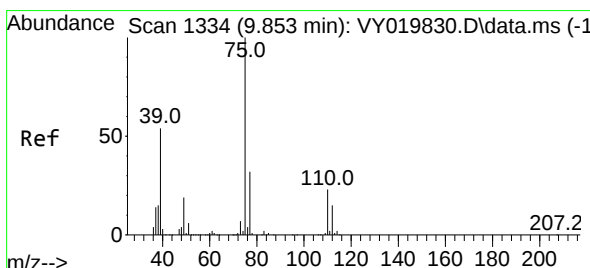
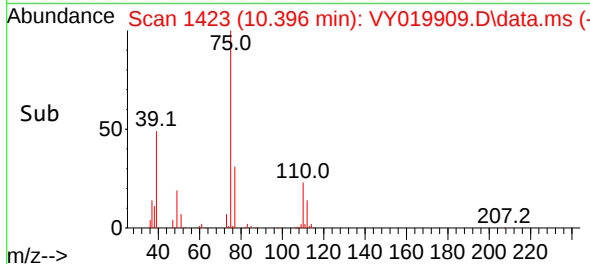
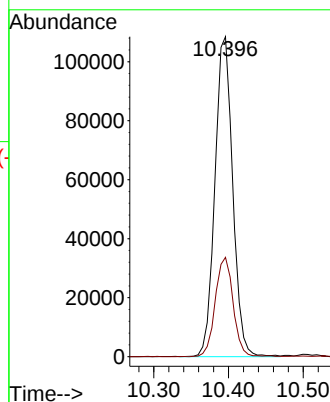
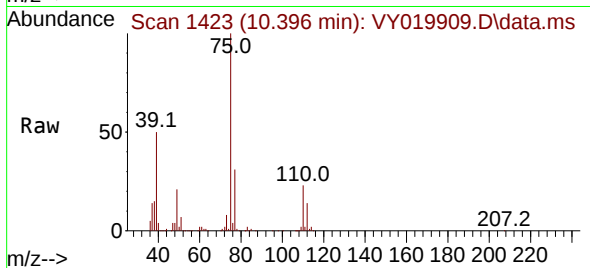




#53
 t-1,3-Dichloropropene
 Concen: 45.254 ug/l
 RT: 10.396 min Scan# 1422
 Delta R.T. 0.000 min
 Lab File: VY019909.D
 Acq: 16 Oct 2024 10:10

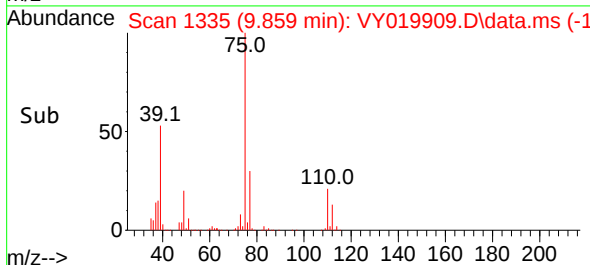
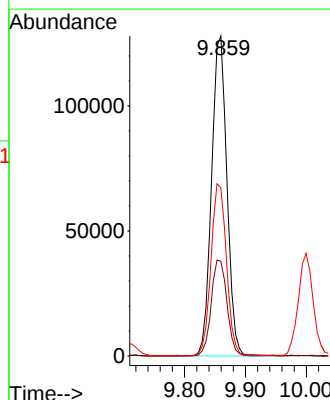
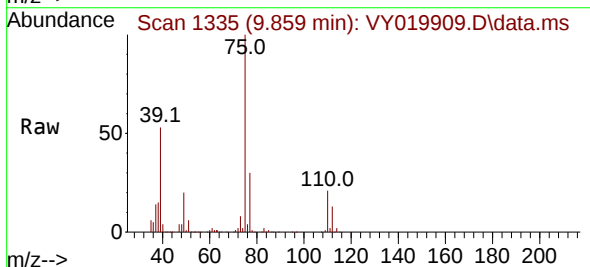
Instrument :
 MSVOA_Y
 ClientSampleId :

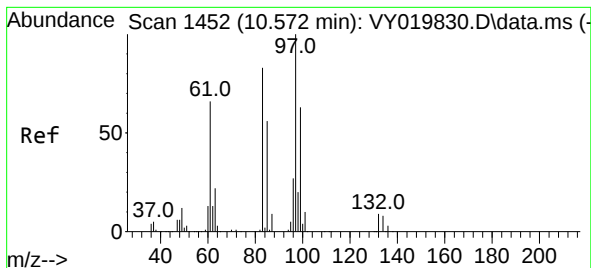
Tgt Ion: 75 Resp: 179409
 Ion Ratio Lower Upper
 75 100
 77 31.0 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 47.928 ug/l
 RT: 9.859 min Scan# 1335
 Delta R.T. 0.000 min
 Lab File: VY019909.D
 Acq: 16 Oct 2024 10:10

Tgt Ion: 75 Resp: 224204
 Ion Ratio Lower Upper
 75 100
 77 29.6 25.4 38.0
 39 52.5 29.8 44.6#





#55

1,1,2-Trichloroethane

Concen: 44.096 ug/l

RT: 10.573 min Scan# 1452

Delta R.T. 0.000 min

Lab File: VY019909.D

Acq: 16 Oct 2024 10:10

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 96441

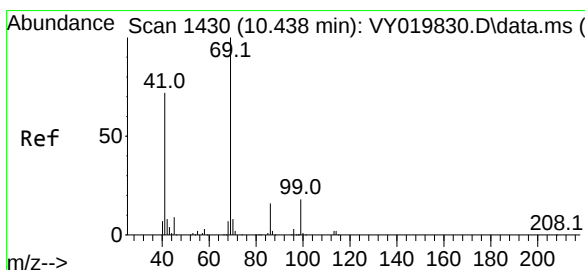
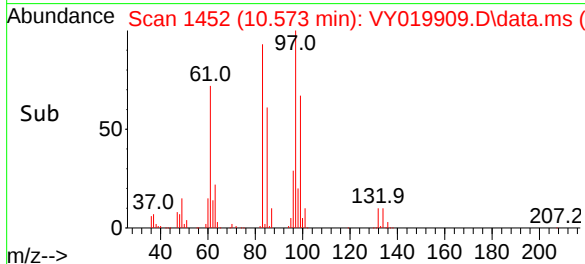
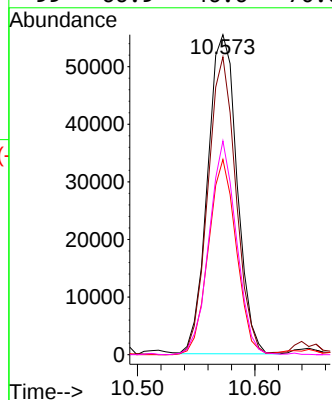
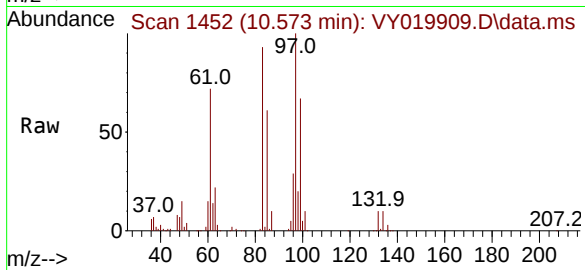
Ion Ratio Lower Upper

97 100

83 93.0 67.5 101.3

85 60.9 42.9 64.3

99 66.9 46.6 70.0



#56

Ethyl methacrylate

Concen: 42.634 ug/l

RT: 10.439 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VY019909.D

Acq: 16 Oct 2024 10:10

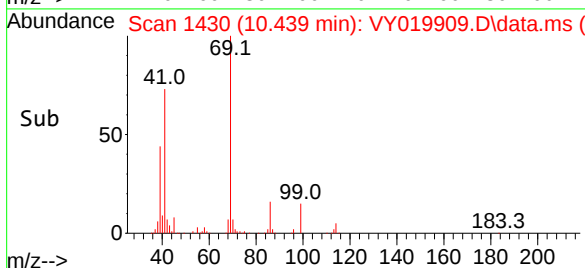
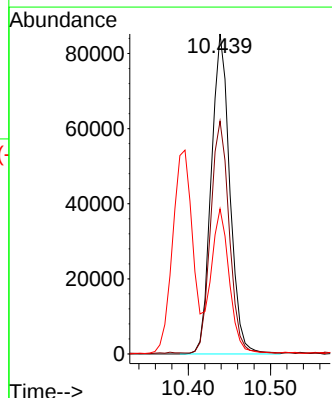
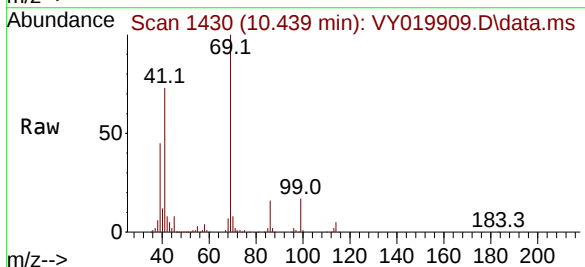
Tgt Ion: 69 Resp: 133796

Ion Ratio Lower Upper

69 100

41 72.5 42.3 63.5#

39 44.7 22.9 34.3#





#57

1,3-Dichloropropane

Concen: 44.056 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VY019909.D

Acq: 16 Oct 2024 10:10

Instrument :

MSVOA_Y

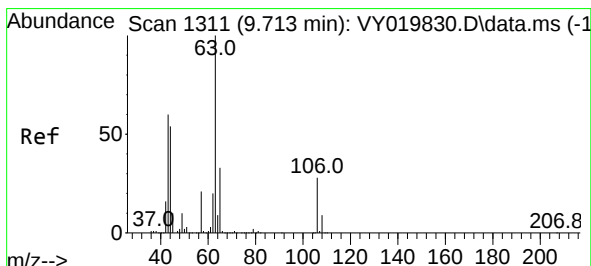
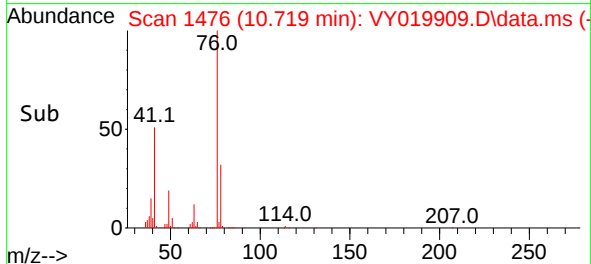
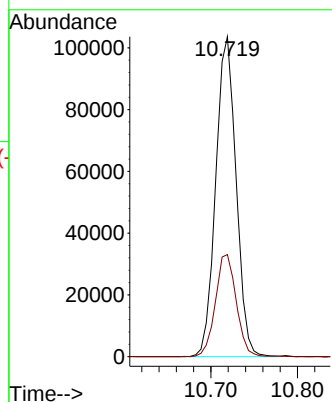
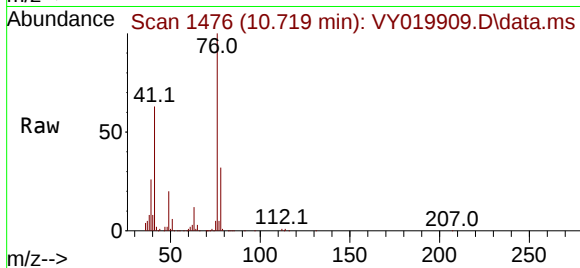
ClientSampleId :

Tgt Ion: 76 Resp: 169210

Ion Ratio Lower Upper

76 100

78 32.8 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 218.582 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY019909.D

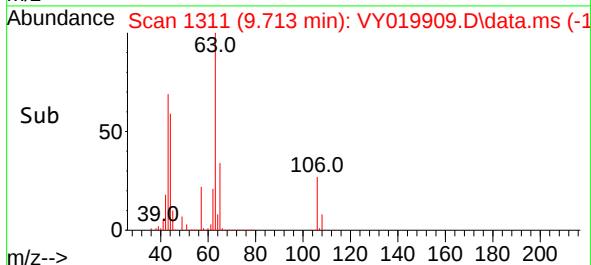
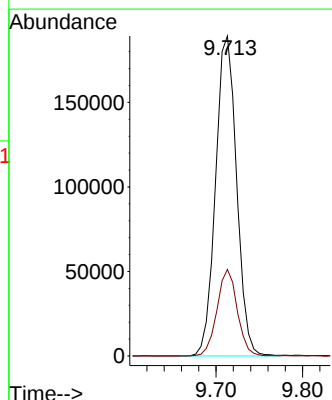
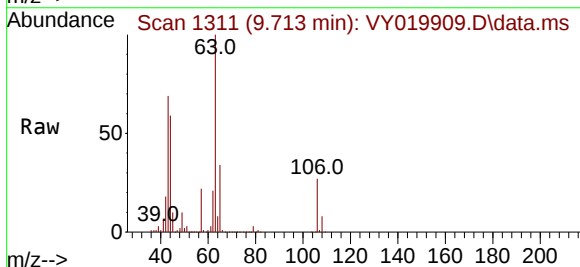
Acq: 16 Oct 2024 10:10

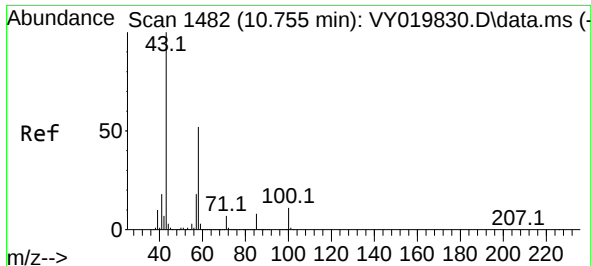
Tgt Ion: 63 Resp: 319336

Ion Ratio Lower Upper

63 100

106 26.1 23.7 35.5





#59

2-Hexanone

Concen: 222.400 ug/l

RT: 10.762 min Scan# 1482

Delta R.T. 0.000 min

Lab File: VY019909.D

Acq: 16 Oct 2024 10:10

Instrument :

MSVOA_Y

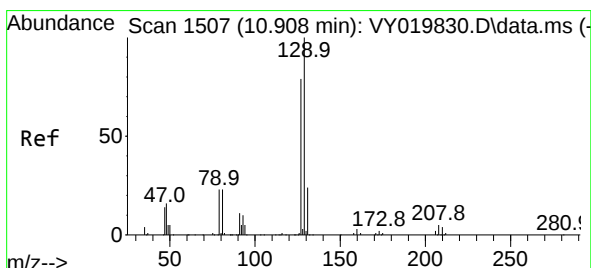
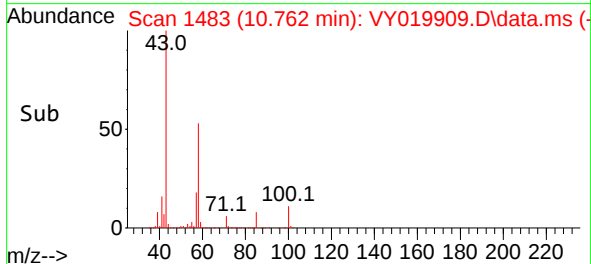
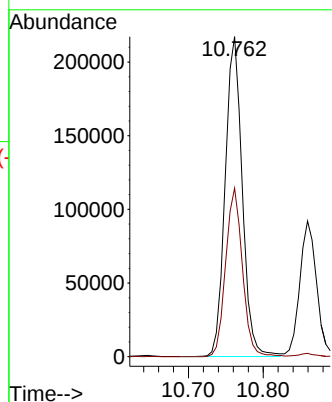
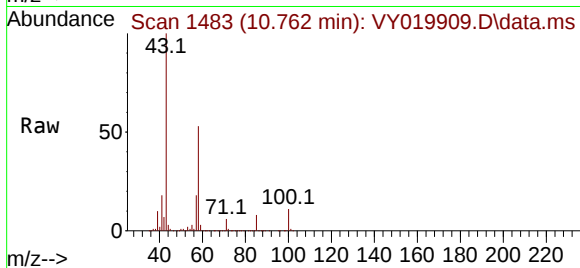
ClientSampleId :

Tgt Ion: 43 Resp: 345589

Ion Ratio Lower Upper

43 100

58 51.8 31.4 94.0



#60

Dibromochloromethane

Concen: 45.090 ug/l

RT: 10.914 min Scan# 1508

Delta R.T. 0.000 min

Lab File: VY019909.D

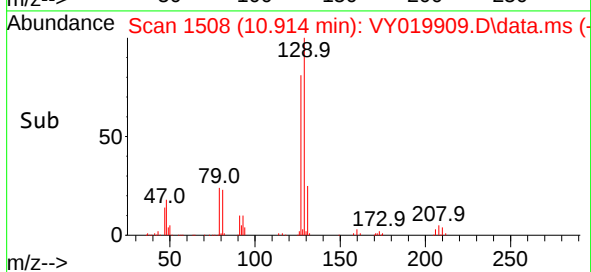
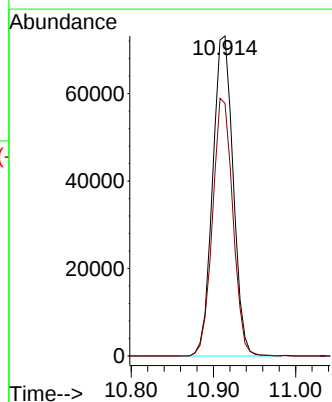
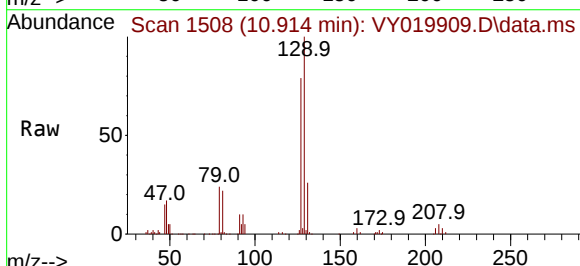
Acq: 16 Oct 2024 10:10

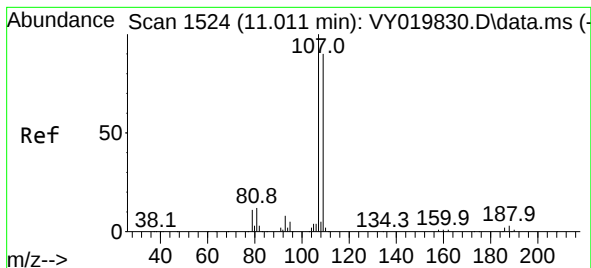
Tgt Ion: 129 Resp: 126574

Ion Ratio Lower Upper

129 100

127 79.8 39.0 117.0

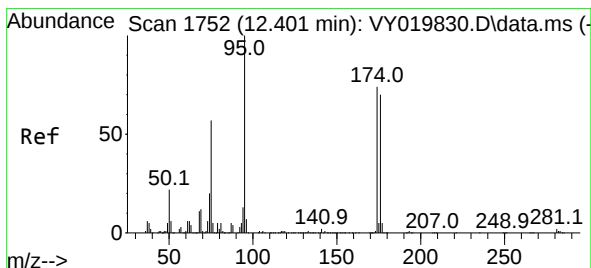
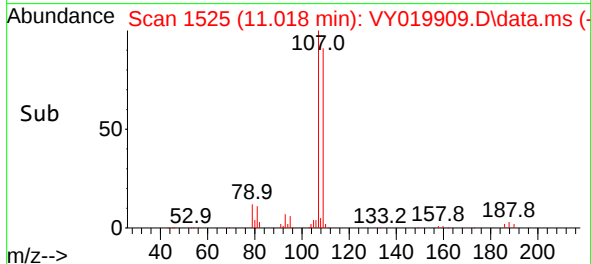
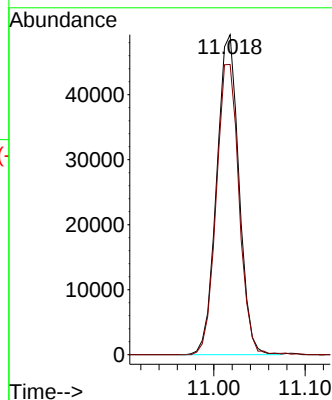
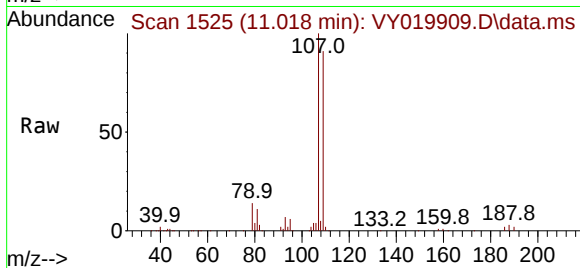




#61
1,2-Dibromoethane
Concen: 42.231 ug/l
RT: 11.018 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019909.D
Acq: 16 Oct 2024 10:10

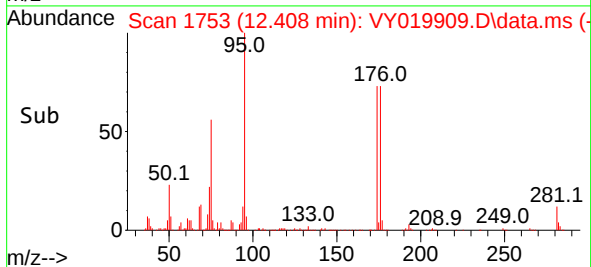
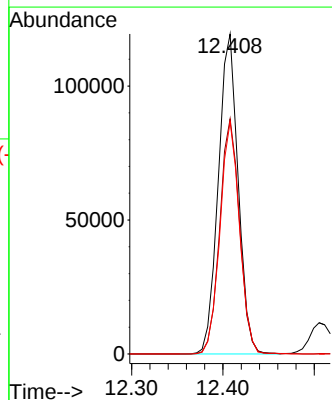
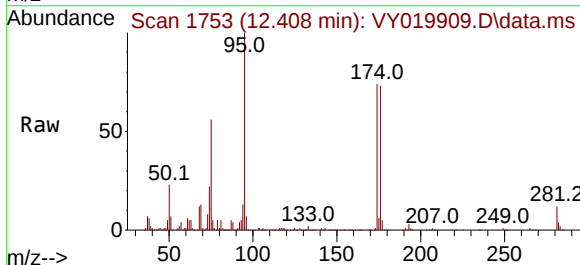
Instrument :
MSVOA_Y
ClientSampleId :

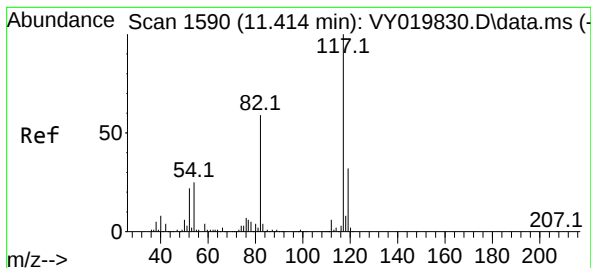
Tgt Ion:107 Resp: 83463
Ion Ratio Lower Upper
107 100
109 92.6 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 48.499 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY019909.D
Acq: 16 Oct 2024 10:10

Tgt Ion: 95 Resp: 180172
Ion Ratio Lower Upper
95 100
174 73.2 0.0 175.6
176 71.4 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: VY019909.D

Acq: 16 Oct 2024 10:10

Instrument :

MSVOA_Y

ClientSampleId :

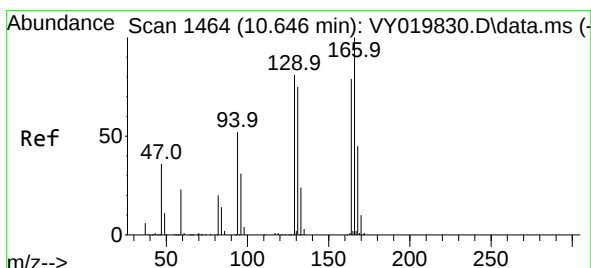
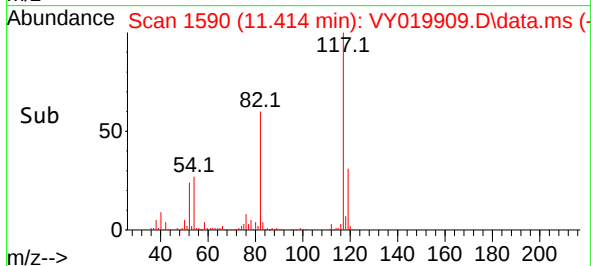
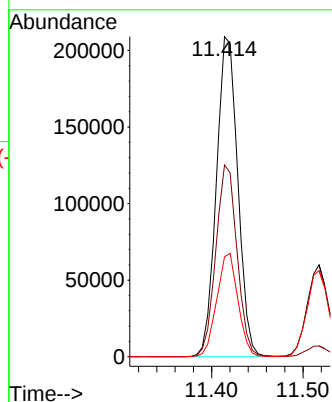
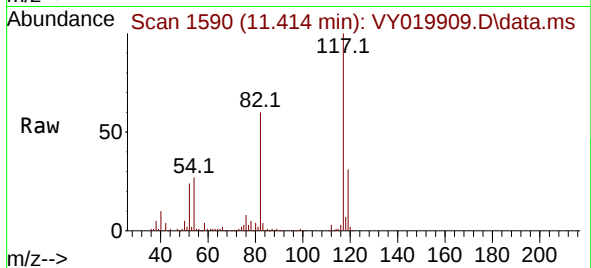
Tgt Ion:117 Resp: 340582

Ion Ratio Lower Upper

117 100

82 59.9 42.4 63.6

119 31.2 25.9 38.9



#64

Tetrachloroethene

Concen: 52.394 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VY019909.D

Acq: 16 Oct 2024 10:10

Tgt Ion:164 Resp: 126926

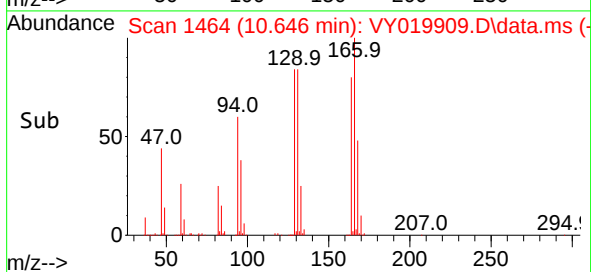
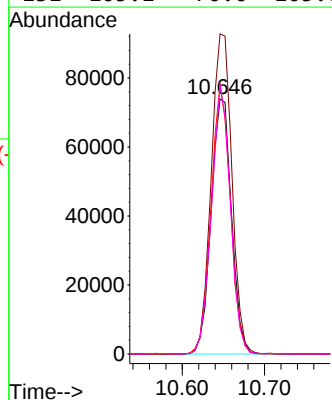
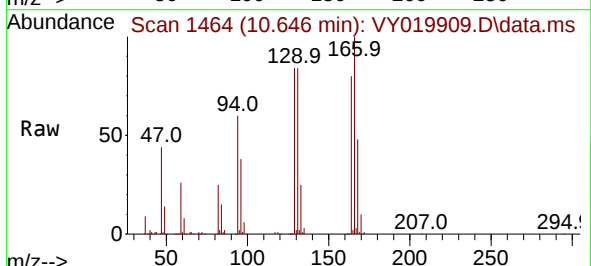
Ion Ratio Lower Upper

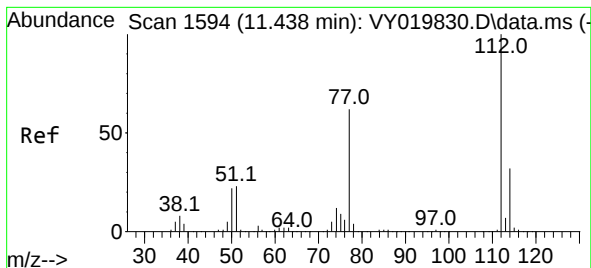
164 100

166 125.4 102.6 154.0

129 105.7 72.0 108.0

131 105.1 70.0 105.0#





#65

Chlorobenzene

Concen: 53.083 ug/l

RT: 11.444 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019909.D

Acq: 16 Oct 2024 10:10

Instrument :

MSVOA_Y

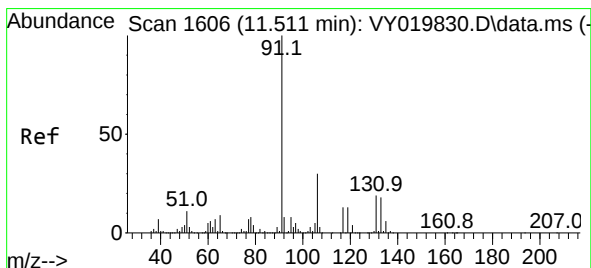
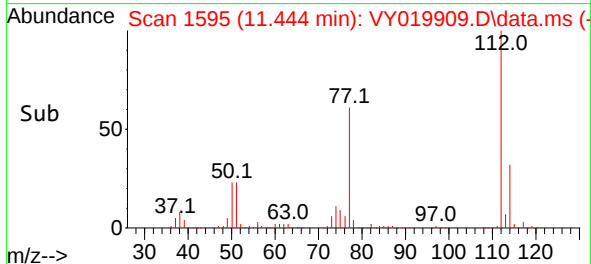
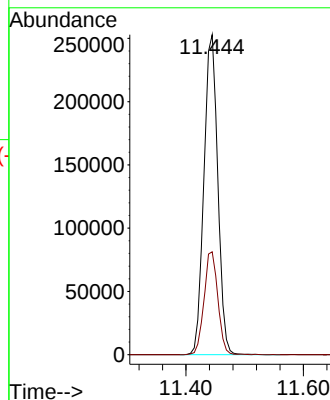
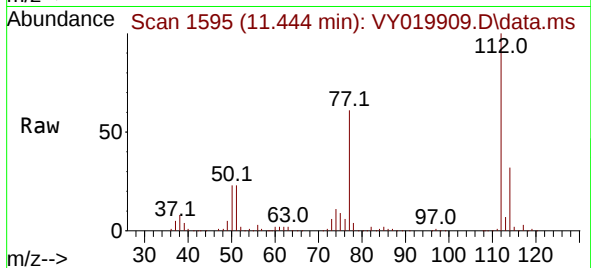
ClientSampleId :

Tgt Ion:112 Resp: 413516

Ion Ratio Lower Upper

112 100

114 32.2 26.4 39.6



#66

1,1,1,2-Tetrachloroethane

Concen: 52.925 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY019909.D

Acq: 16 Oct 2024 10:10

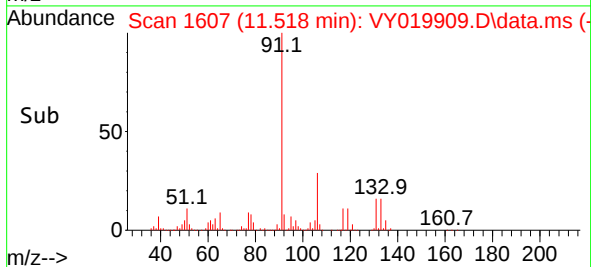
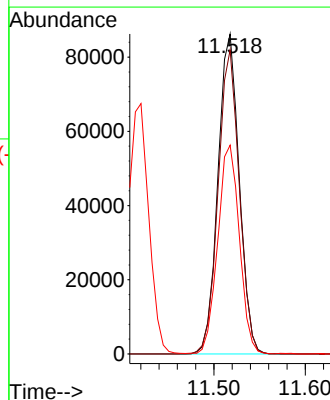
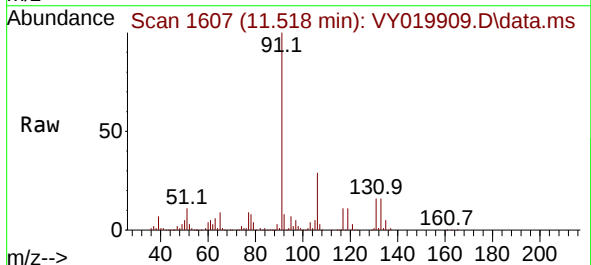
Tgt Ion:131 Resp: 139490

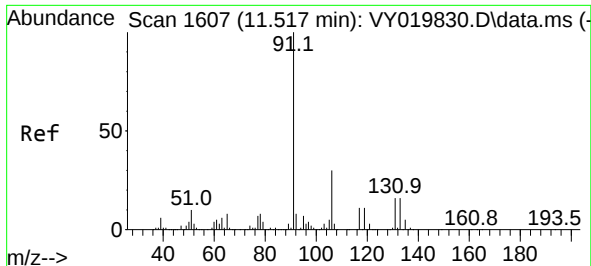
Ion Ratio Lower Upper

131 100

133 94.5 47.8 143.3

119 66.5 34.1 102.2





#67

Ethyl Benzene

Concen: 56.795 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. -0.006 min

Lab File: VY019909.D

Acq: 16 Oct 2024 10:10

Instrument :

MSVOA_Y

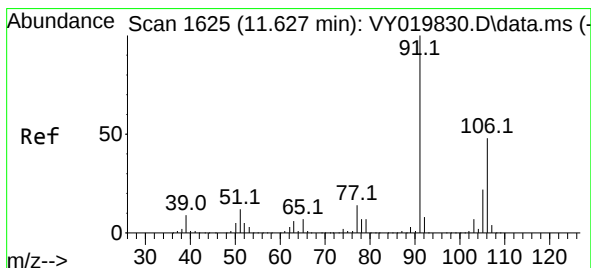
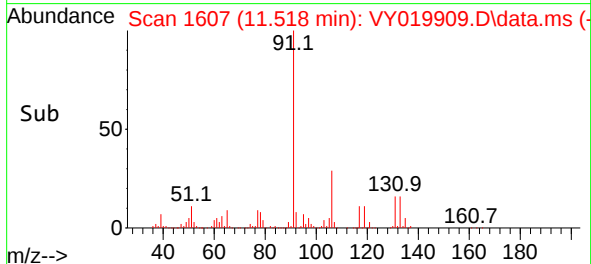
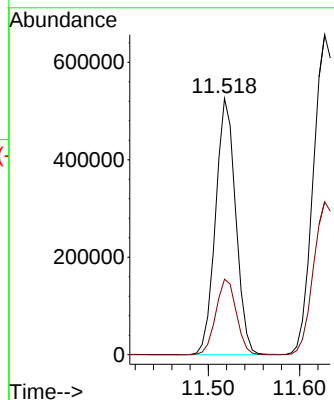
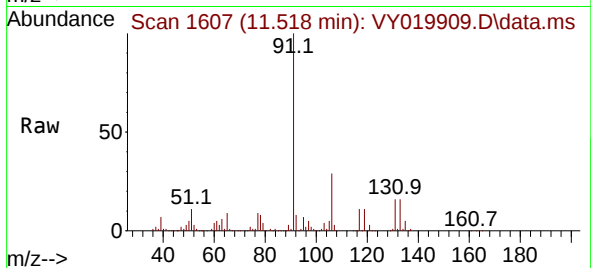
ClientSampleId :

Tgt Ion: 91 Resp: 803693

Ion Ratio Lower Upper

91 100

106 29.5 24.5 36.7



#68

m/p-Xylenes

Concen: 110.676 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY019909.D

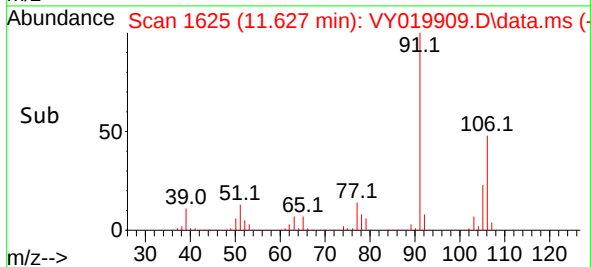
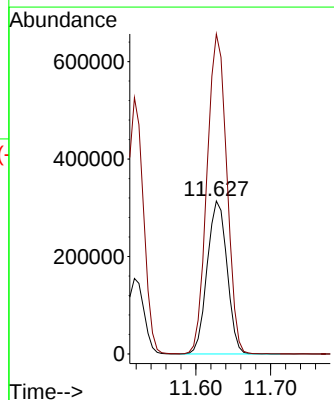
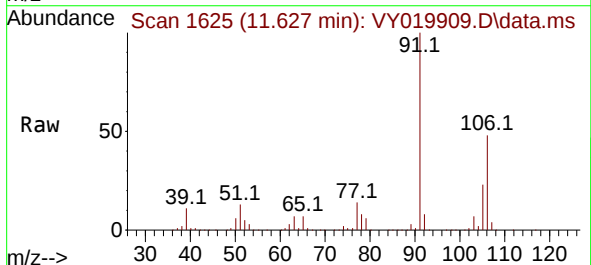
Acq: 16 Oct 2024 10:10

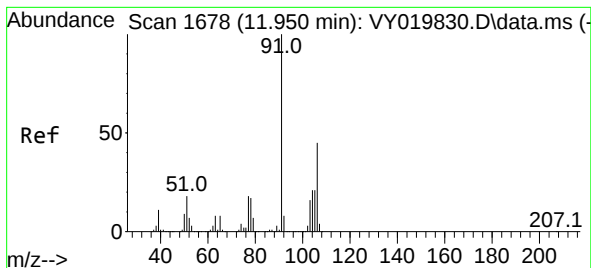
Tgt Ion:106 Resp: 578409

Ion Ratio Lower Upper

106 100

91 208.7 156.0 234.0





#69

o-Xylene

Concen: 53.971 ug/l

RT: 11.957 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019909.D

Acq: 16 Oct 2024 10:10

Instrument :

MSVOA_Y

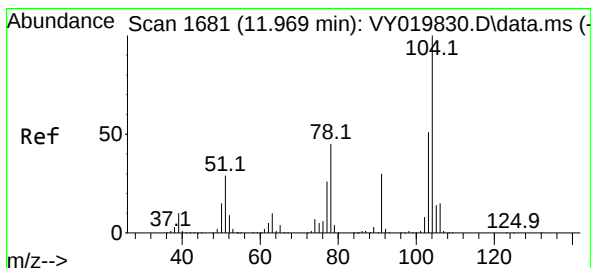
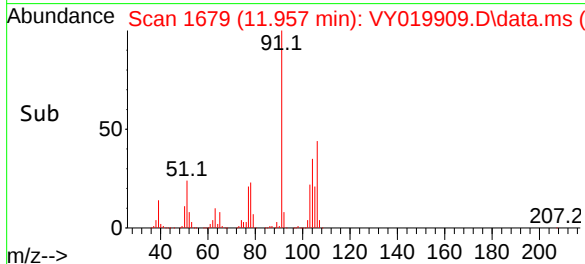
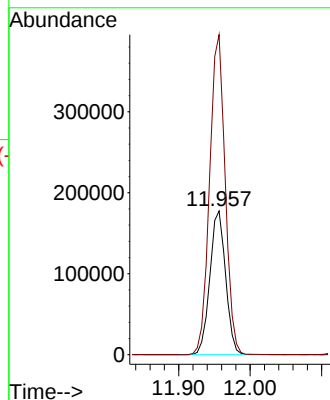
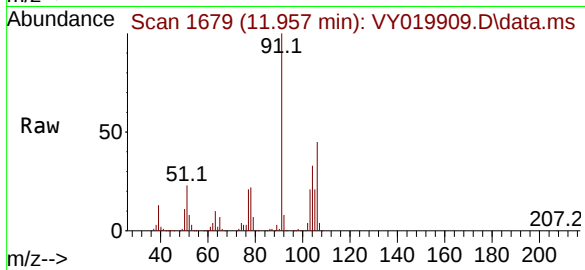
ClientSampleId :

Tgt Ion:106 Resp: 271004

Ion Ratio Lower Upper

106 100

91 220.4 103.6 310.8



#70

Styrene

Concen: 52.722 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. 0.000 min

Lab File: VY019909.D

Acq: 16 Oct 2024 10:10

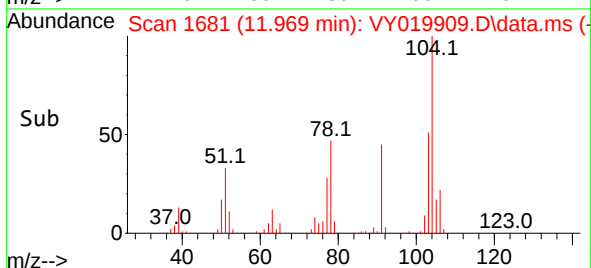
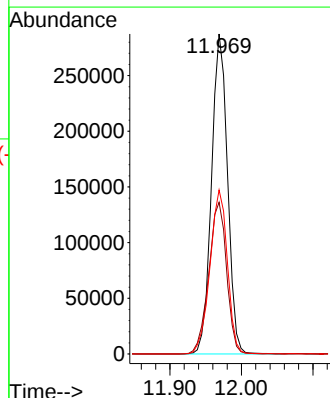
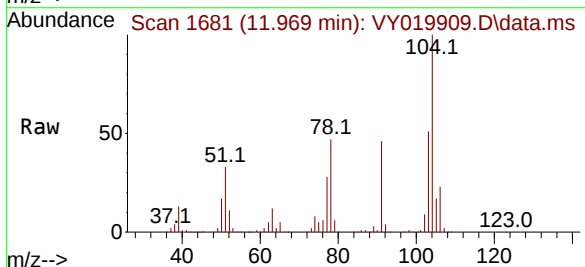
Tgt Ion:104 Resp: 446646

Ion Ratio Lower Upper

104 100

78 53.0 37.0 55.4

103 55.7 44.2 66.2





#71

Bromoform

Concen: 44.402 ug/l

RT: 12.133 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019909.D

Acq: 16 Oct 2024 10:10

Instrument :

MSVOA_Y

ClientSampleId :

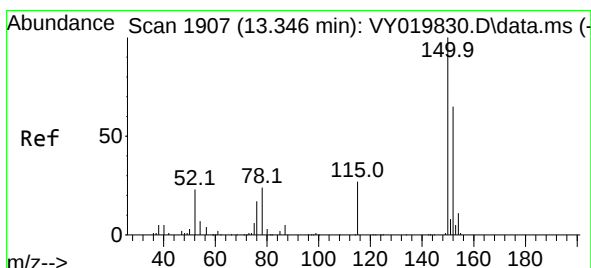
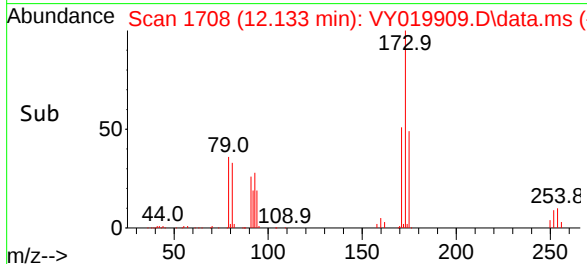
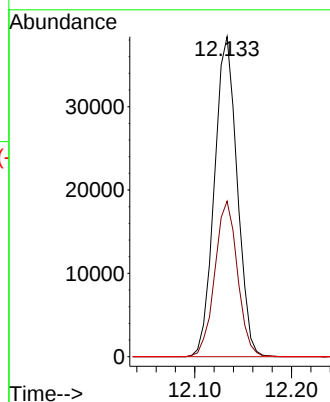
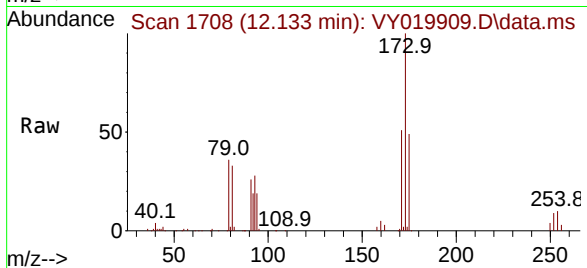
Tgt Ion:173 Resp: 62648

Ion Ratio Lower Upper

173 100

175 48.6 25.1 75.3

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY019909.D

Acq: 16 Oct 2024 10:10

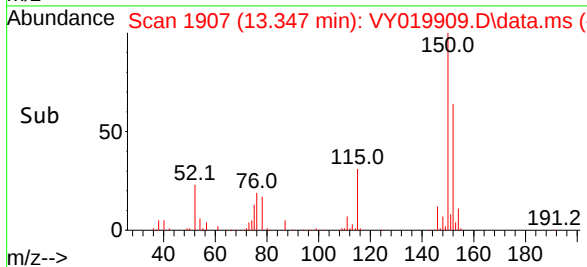
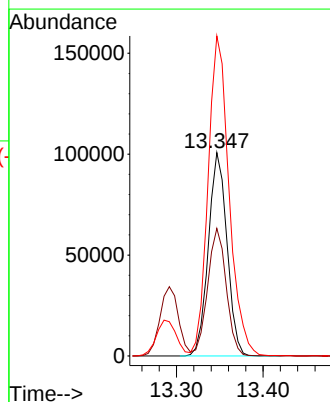
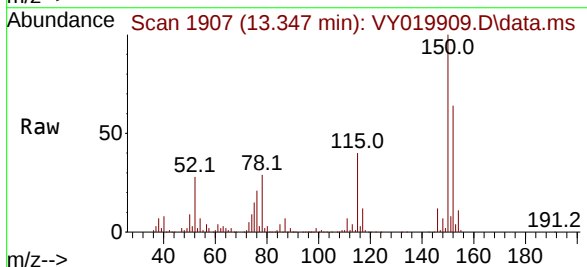
Tgt Ion:152 Resp: 150473

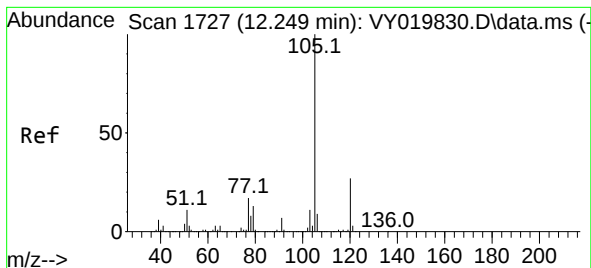
Ion Ratio Lower Upper

152 100

115 62.4 28.2 84.7

150 177.5 0.0 345.6





#73

Isopropylbenzene

Concen: 60.959 ug/l

RT: 12.255 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019909.D

Acq: 16 Oct 2024 10:10

Instrument :

MSVOA_Y

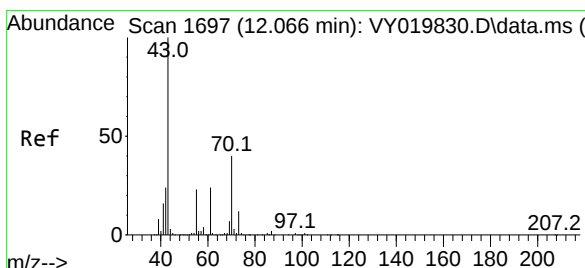
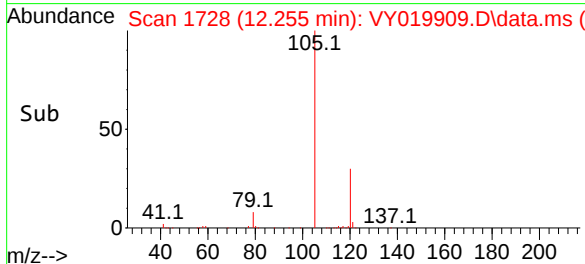
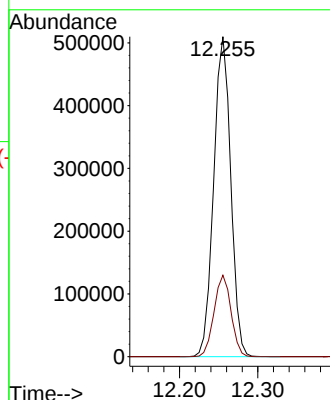
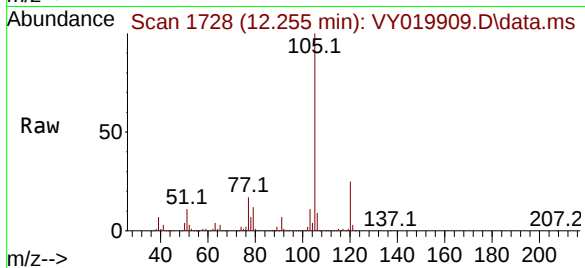
ClientSampleId :

Tgt Ion:105 Resp: 771537

Ion Ratio Lower Upper

105 100

120 25.3 13.4 40.1



#74

N-ethyl acetate

Concen: 46.005 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VY019909.D

Acq: 16 Oct 2024 10:10

Tgt Ion: 43 Resp: 154219

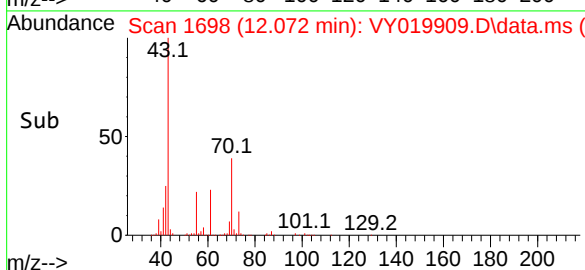
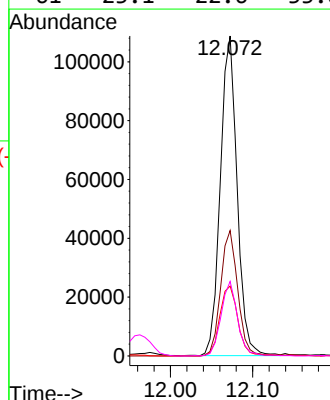
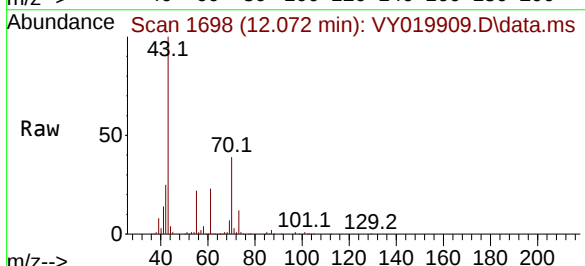
Ion Ratio Lower Upper

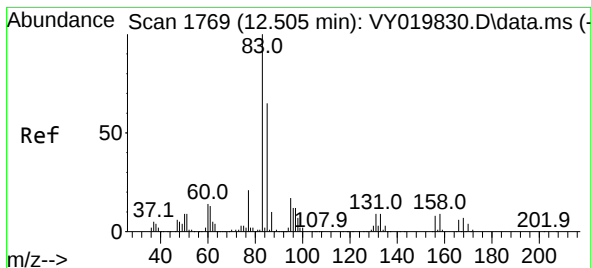
43 100

70 39.8 41.4 62.2#

55 23.9 23.3 34.9

61 23.1 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 48.998 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. -0.006 min

Lab File: VY019909.D

Acq: 16 Oct 2024 10:10

Instrument :

MSVOA_Y

ClientSampleId :

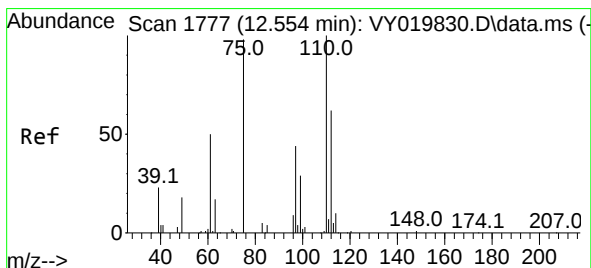
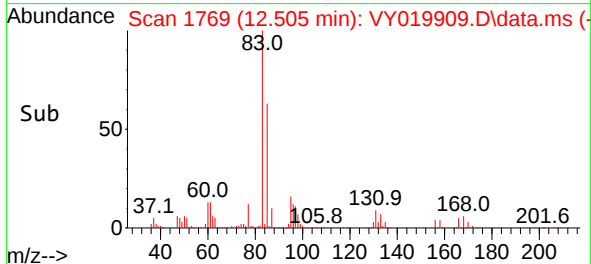
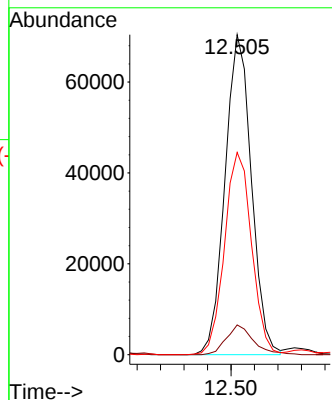
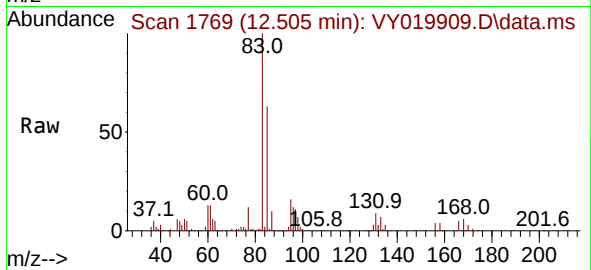
Tgt Ion: 83 Resp: 110194

Ion Ratio Lower Upper

83 100

131 9.5 5.0 14.9

85 64.7 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 47.966 ug/l

RT: 12.554 min Scan# 1777

Delta R.T. -0.006 min

Lab File: VY019909.D

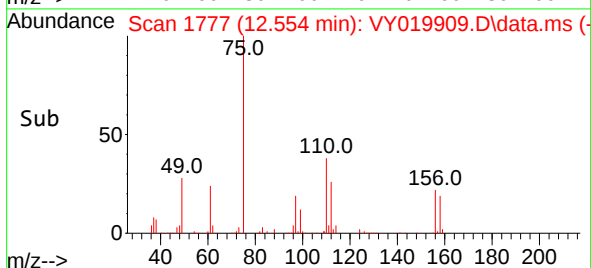
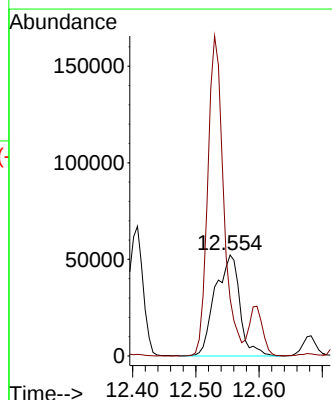
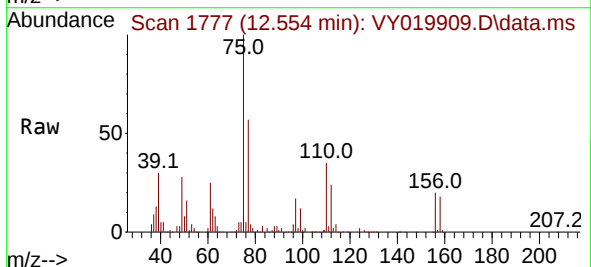
Acq: 16 Oct 2024 10:10

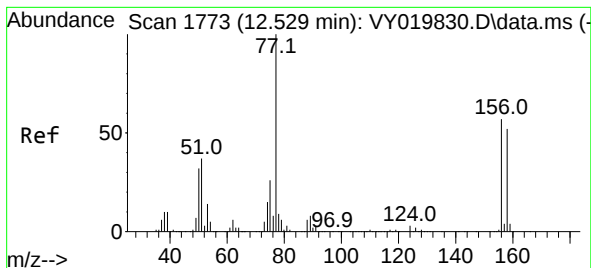
Tgt Ion: 75 Resp: 141392

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 52.202 ug/l

RT: 12.530 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY019909.D

Acq: 16 Oct 2024 10:10

Instrument :

MSVOA_Y

ClientSampleId :

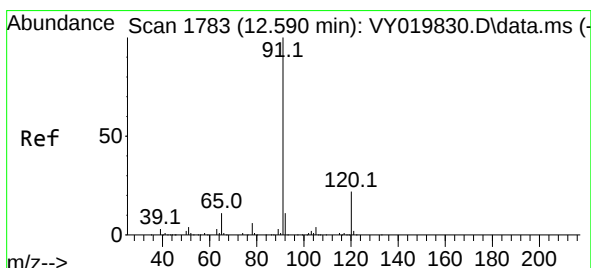
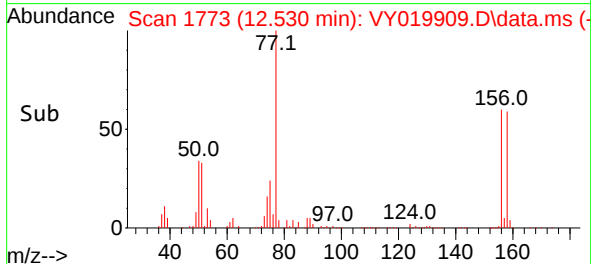
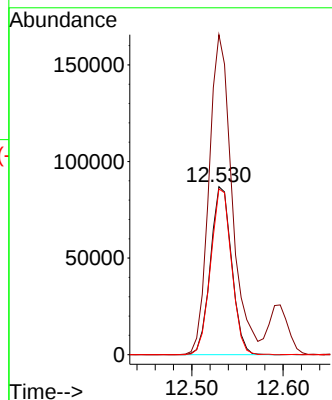
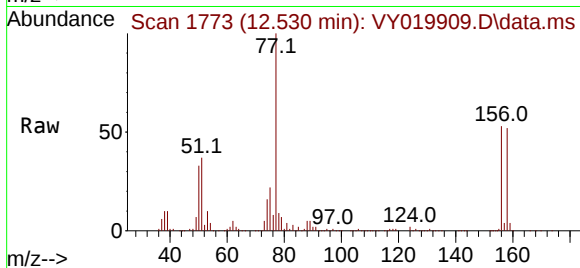
Tgt Ion:156 Resp: 140205

Ion Ratio Lower Upper

156 100

77 206.5 87.1 261.3

158 97.1 48.6 145.9



#78

n-propylbenzene

Concen: 61.854 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY019909.D

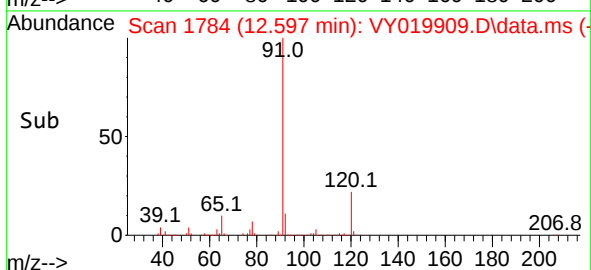
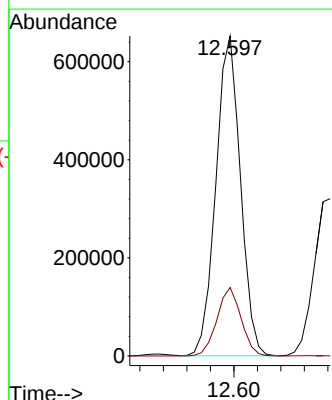
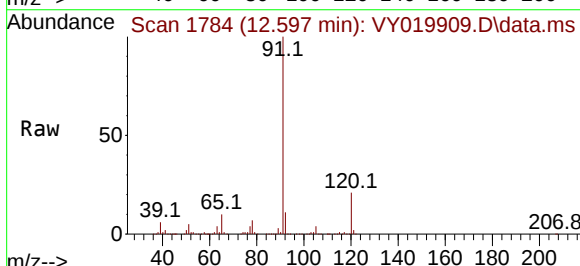
Acq: 16 Oct 2024 10:10

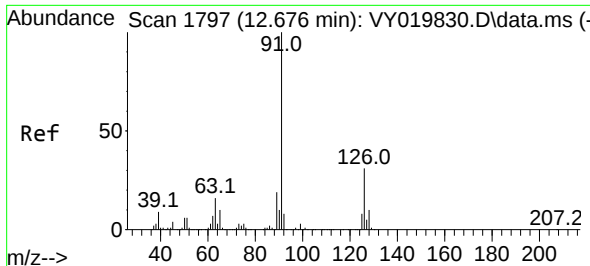
Tgt Ion: 91 Resp: 945965

Ion Ratio Lower Upper

91 100

120 21.0 11.5 34.4

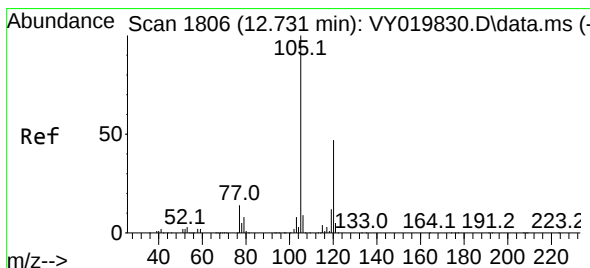
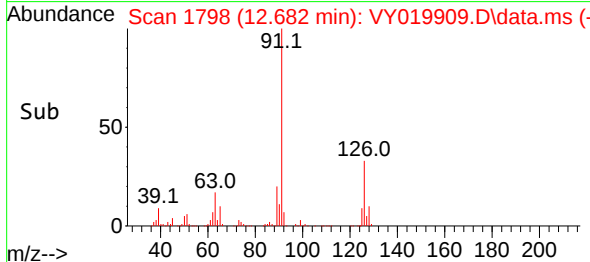
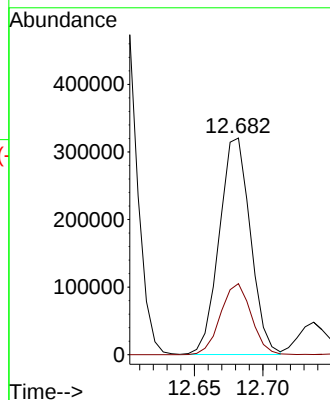
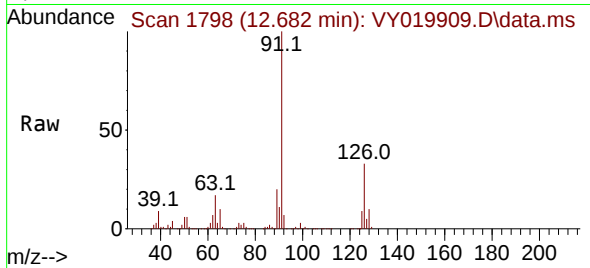




#79
2-Chlorotoluene
Concen: 57.855 ug/l
RT: 12.682 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VY019909.D
Acq: 16 Oct 2024 10:10

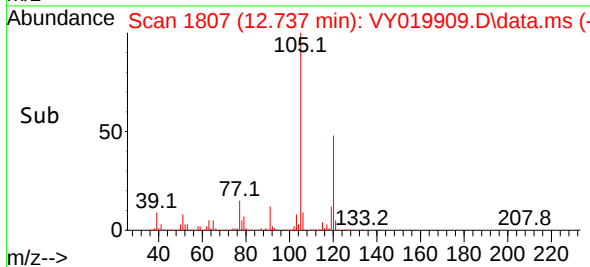
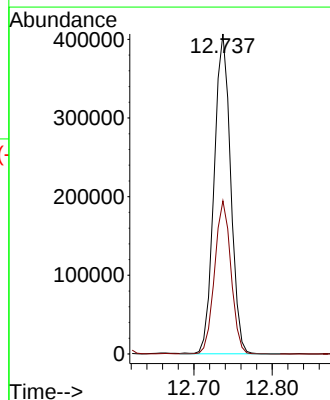
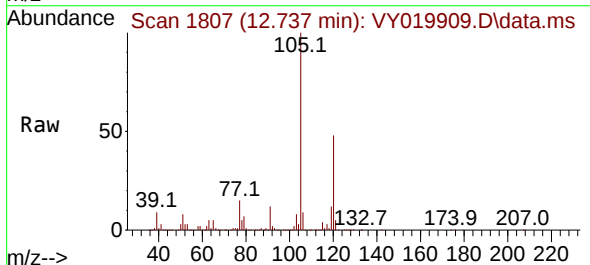
Instrument :
MSVOA_Y
ClientSampleId :

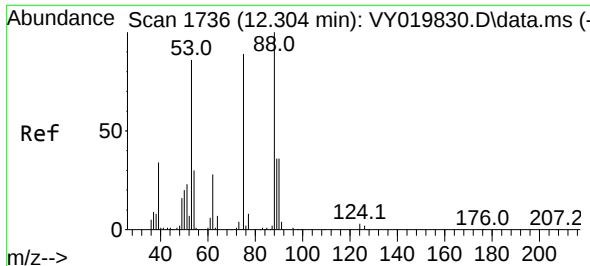
Tgt Ion: 91 Resp: 507252
Ion Ratio Lower Upper
91 100
126 32.4 17.8 53.5



#80
1,3,5-Trimethylbenzene
Concen: 58.272 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY019909.D
Acq: 16 Oct 2024 10:10

Tgt Ion: 105 Resp: 595621
Ion Ratio Lower Upper
105 100
120 47.4 25.1 75.2

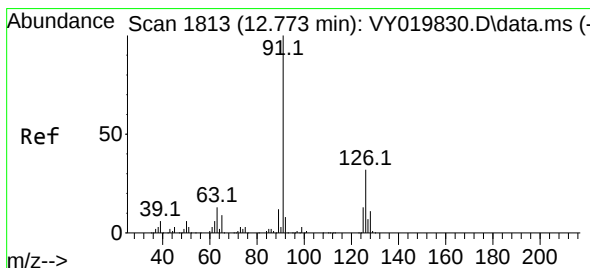
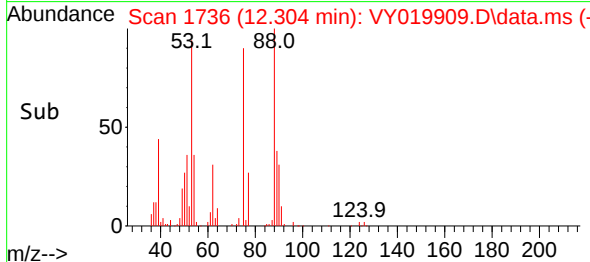
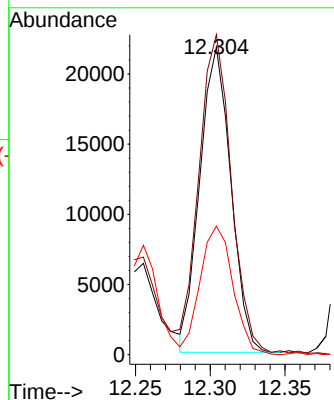
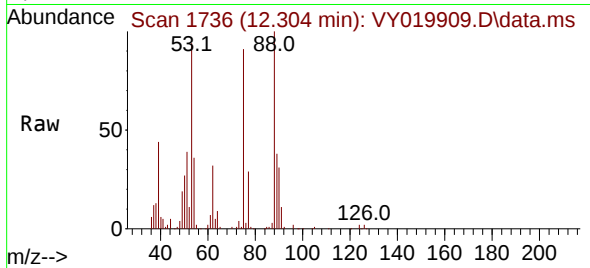




#81
trans-1,4-Dichloro-2-butene
Concen: 42.910 ug/l
RT: 12.304 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019909.D
Acq: 16 Oct 2024 10:10

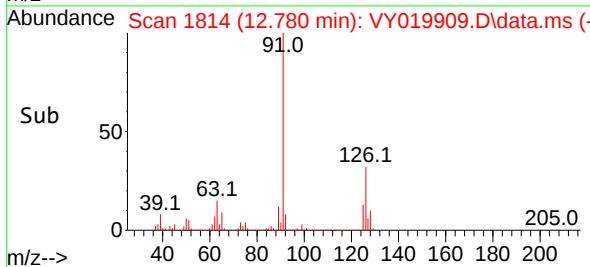
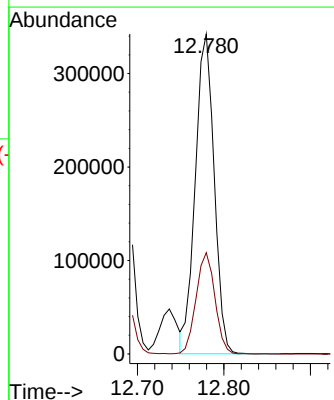
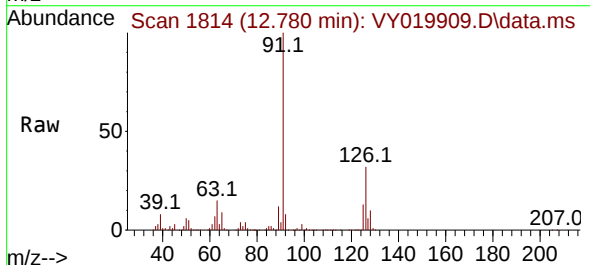
Instrument :
MSVOA_Y
ClientSampleId :

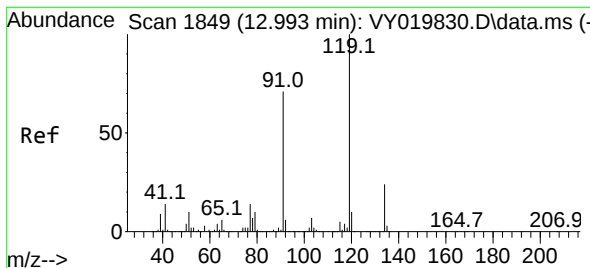
Tgt Ion: 75 Resp: 31337
Ion Ratio Lower Upper
75 100
53 112.4 66.8 100.2#
89 44.6 35.8 53.6



#82
4-Chlorotoluene
Concen: 57.667 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY019909.D
Acq: 16 Oct 2024 10:10

Tgt Ion: 91 Resp: 516976
Ion Ratio Lower Upper
91 100
126 31.6 17.6 52.9





#83

tert-Butylbenzene

Concen: 60.802 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.000 min

Lab File: VY019909.D

Acq: 16 Oct 2024 10:10

Instrument :

MSVOA_Y

ClientSampleId :

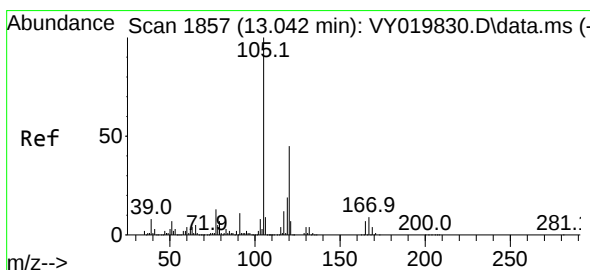
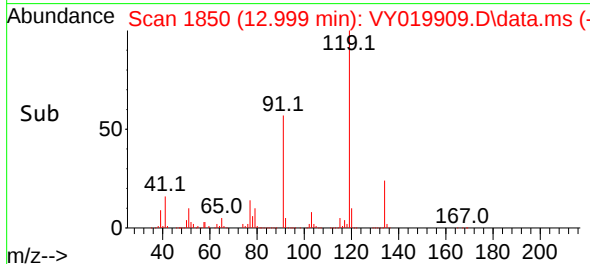
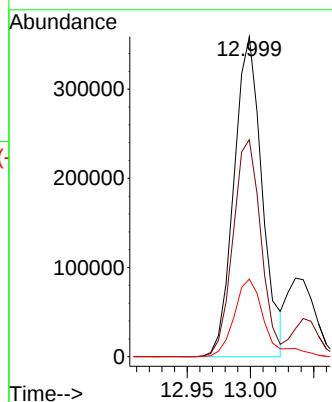
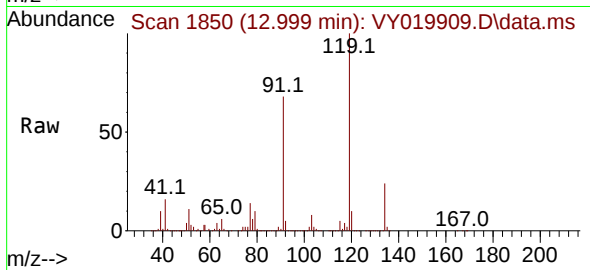
Tgt Ion:119 Resp: 556757

Ion Ratio Lower Upper

119 100

91 67.2 31.3 93.8

134 26.2 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 57.488 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. -0.006 min

Lab File: VY019909.D

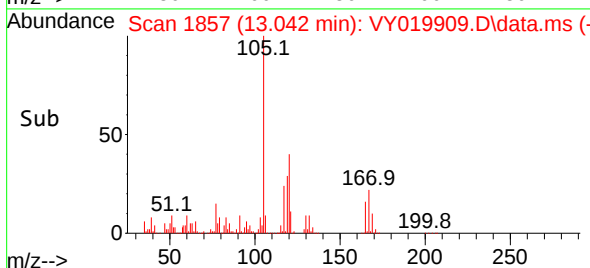
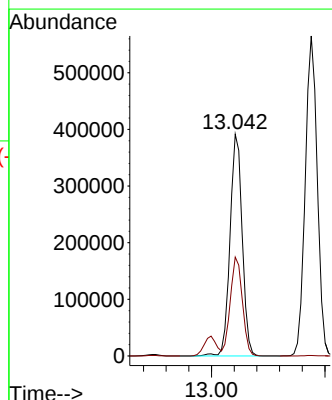
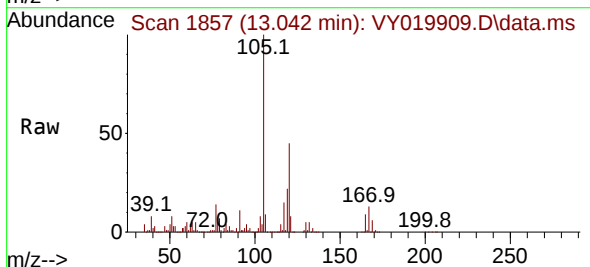
Acq: 16 Oct 2024 10:10

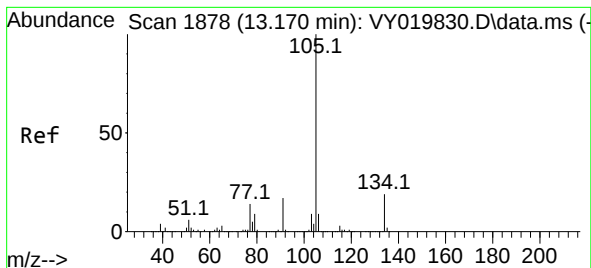
Tgt Ion:105 Resp: 582582

Ion Ratio Lower Upper

105 100

120 44.3 23.2 69.6





#85

sec-Butylbenzene

Concen: 60.748 ug/l

RT: 13.176 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VY019909.D

Acq: 16 Oct 2024 10:10

Instrument :

MSVOA_Y

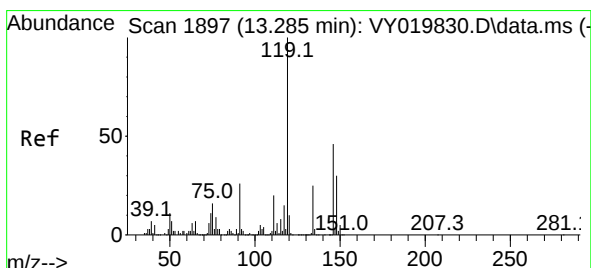
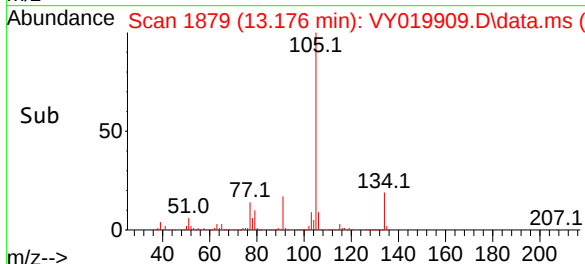
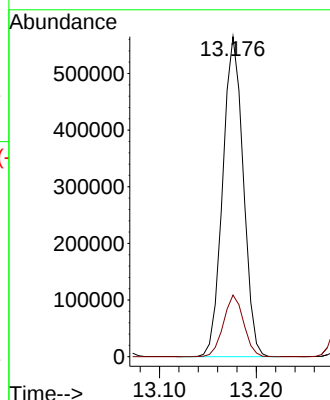
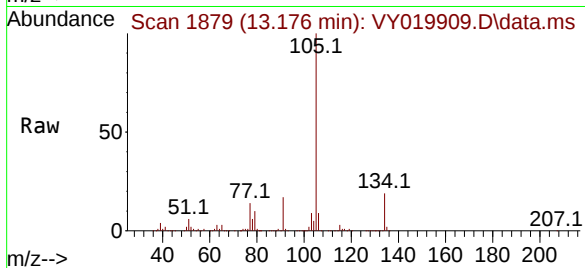
ClientSampleId :

Tgt Ion:105 Resp: 831101

Ion Ratio Lower Upper

105 100

134 18.9 10.1 30.1



#86

p-Isopropyltoluene

Concen: 58.811 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY019909.D

Acq: 16 Oct 2024 10:10

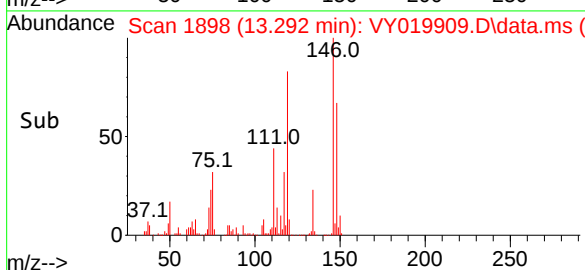
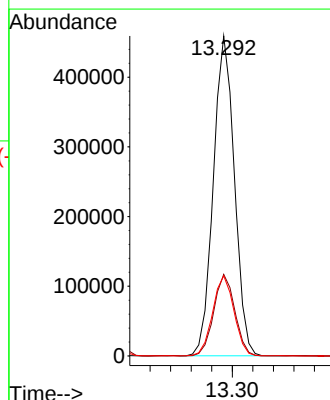
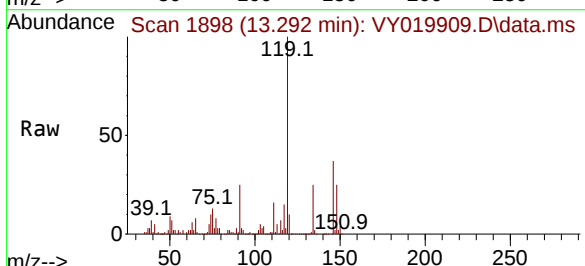
Tgt Ion:119 Resp: 653353

Ion Ratio Lower Upper

119 100

134 25.5 13.1 39.3

91 25.2 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 52.756 ug/l

RT: 13.286 min Scan# 1897

Delta R.T. -0.006 min

Lab File: VY019909.D

Acq: 16 Oct 2024 10:10

Instrument :

MSVOA_Y

ClientSampleId :

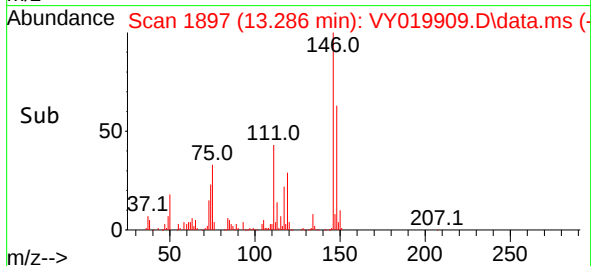
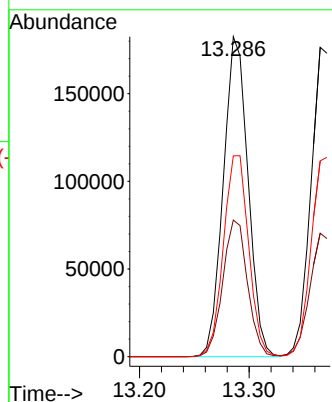
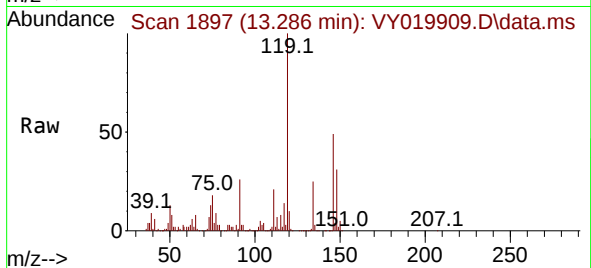
Tgt Ion:146 Resp: 286146

Ion Ratio Lower Upper

146 100

111 42.9 19.0 57.0

148 64.2 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 52.045 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.006 min

Lab File: VY019909.D

Acq: 16 Oct 2024 10:10

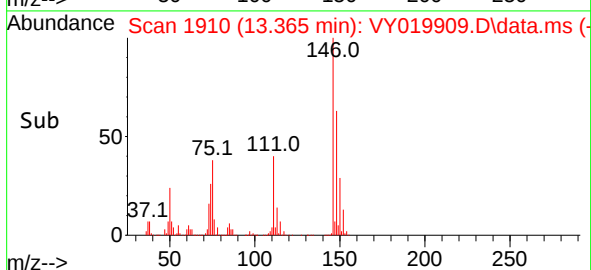
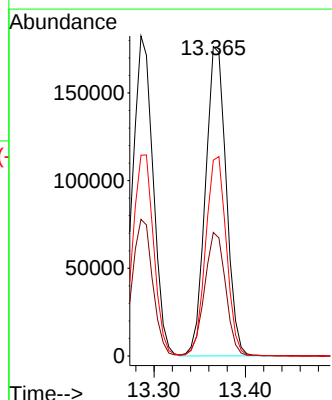
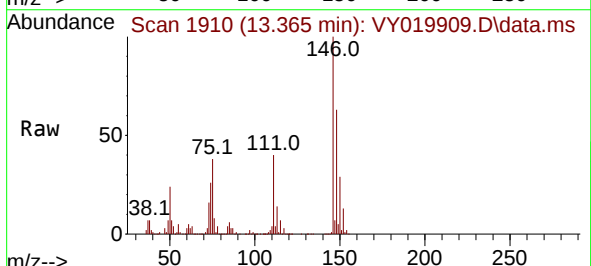
Tgt Ion:146 Resp: 277319

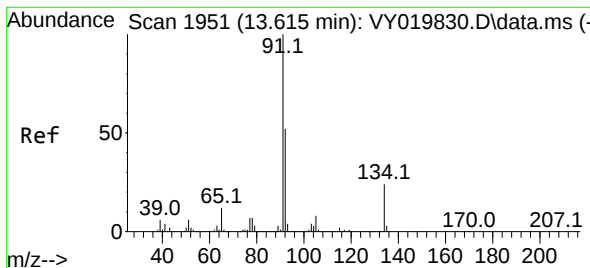
Ion Ratio Lower Upper

146 100

111 40.8 18.4 55.4

148 64.6 32.4 97.2





#89

n-Butylbenzene

Concen: 58.945 ug/l

RT: 13.621 min Scan# 1951

Delta R.T. 0.000 min

Lab File: VY019909.D

Acq: 16 Oct 2024 10:10

Instrument :

MSVOA_Y

ClientSampleId :

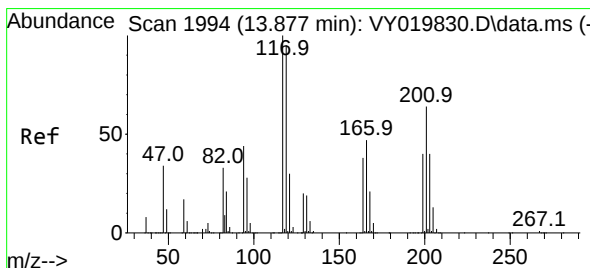
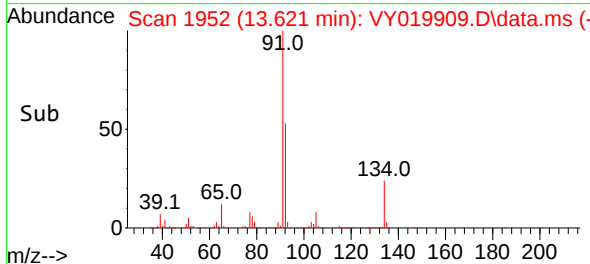
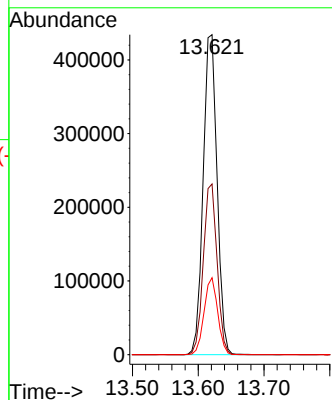
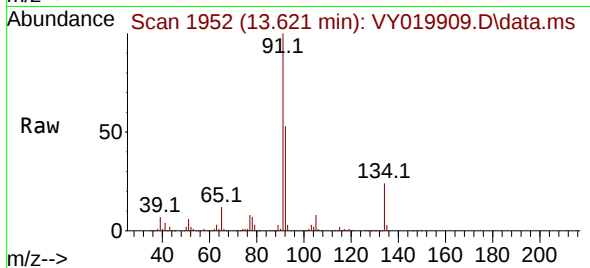
Tgt Ion: 91 Resp: 639423

Ion Ratio Lower Upper

91 100

92 52.8 26.6 79.7

134 23.6 12.9 38.7



#90

Hexachloroethane

Concen: 58.286 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.000 min

Lab File: VY019909.D

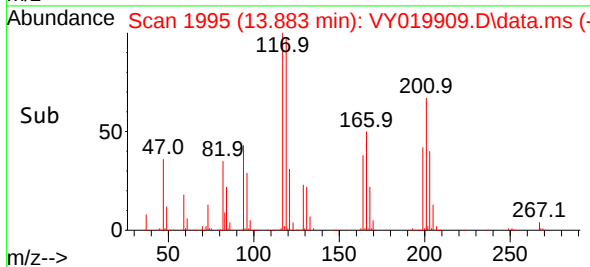
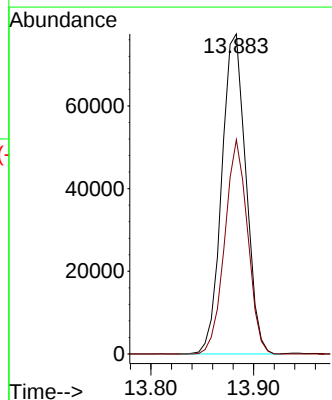
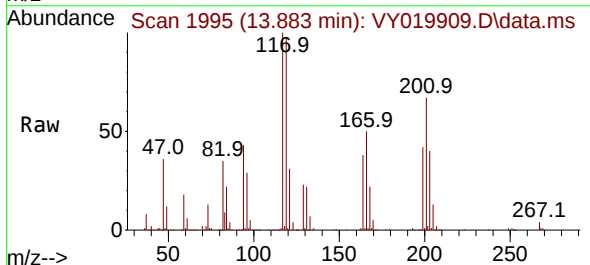
Acq: 16 Oct 2024 10:10

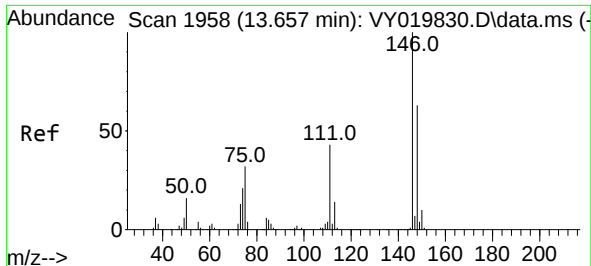
Tgt Ion: 117 Resp: 126085

Ion Ratio Lower Upper

117 100

201 63.6 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 50.478 ug/l

RT: 13.658 min Scan# 1958

Delta R.T. 0.000 min

Lab File: VY019909.D

Acq: 16 Oct 2024 10:10

Instrument :

MSVOA_Y

ClientSampleId :

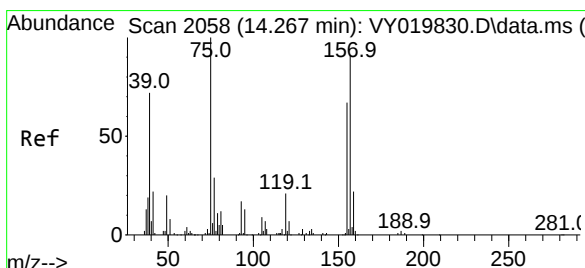
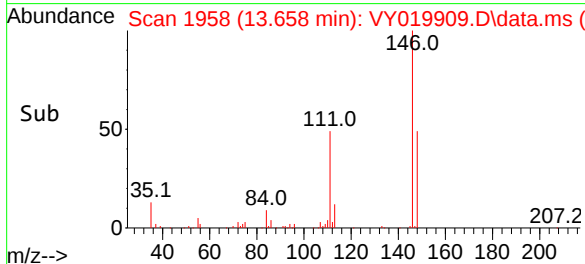
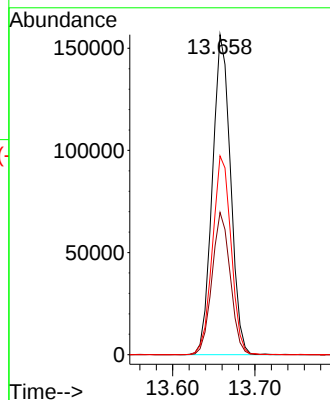
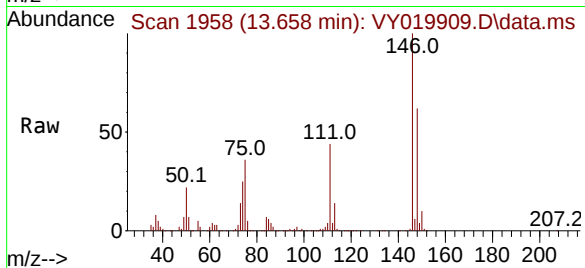
Tgt Ion:146 Resp: 240567

Ion Ratio Lower Upper

146 100

111 44.5 19.9 59.7

148 63.5 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 40.633 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. 0.000 min

Lab File: VY019909.D

Acq: 16 Oct 2024 10:10

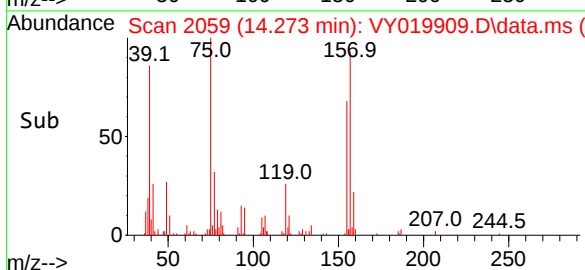
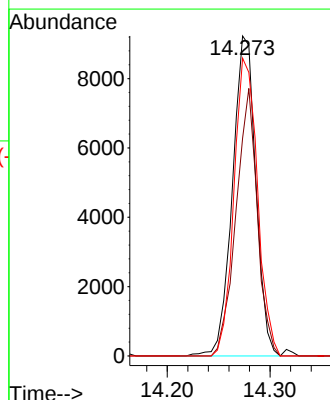
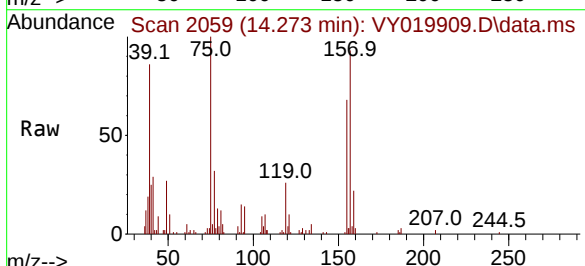
Tgt Ion: 75 Resp: 14584

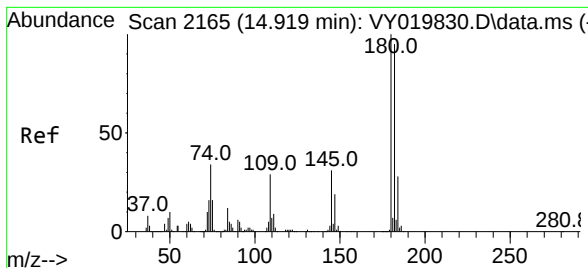
Ion Ratio Lower Upper

75 100

155 76.3 48.6 145.8

157 93.9 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 45.181 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY019909.D

Acq: 16 Oct 2024 10:10

Instrument :

MSVOA_Y

ClientSampleId :

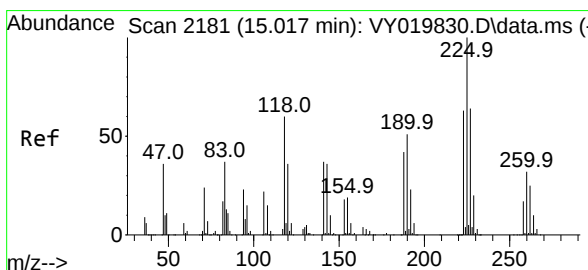
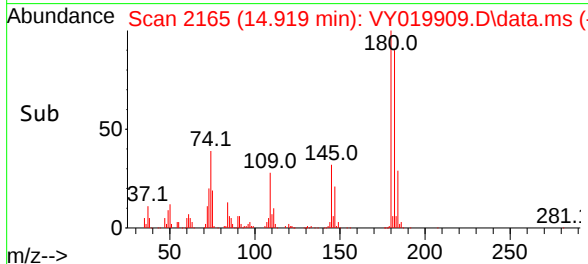
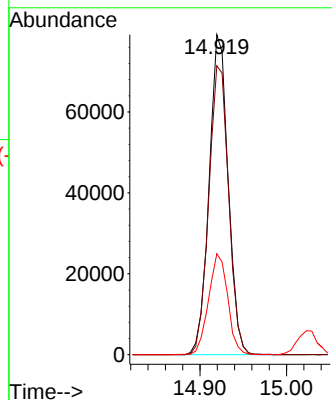
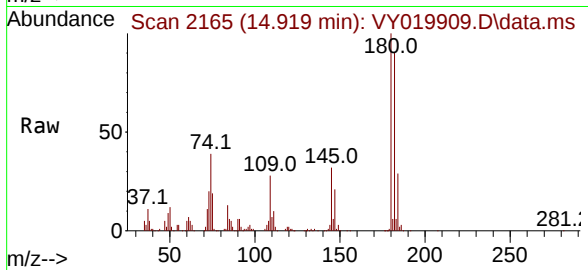
Tgt Ion:180 Resp: 120738

Ion Ratio Lower Upper

180 100

182 94.0 47.9 143.8

145 31.8 14.2 42.6



#94

Hexachlorobutadiene

Concen: 51.461 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY019909.D

Acq: 16 Oct 2024 10:10

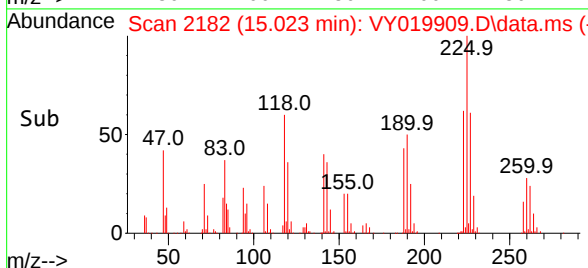
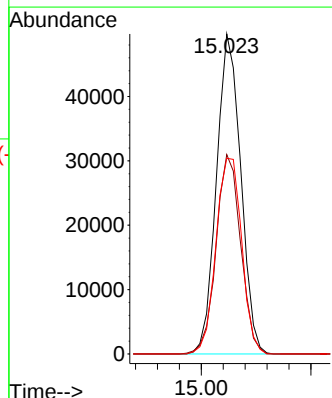
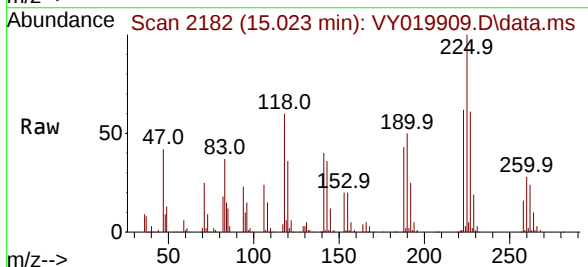
Tgt Ion:225 Resp: 76456

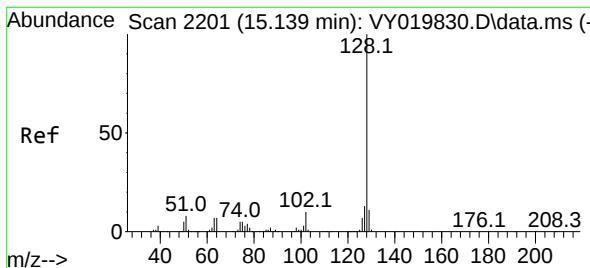
Ion Ratio Lower Upper

225 100

223 63.0 30.4 91.2

227 64.8 31.9 95.9





#95

Naphthalene

Concen: 39.572 ug/l

RT: 15.145 min Scan# 2201

Delta R.T. 0.000 min

Lab File: VY019909.D

Acq: 16 Oct 2024 10:10

Instrument :

MSVOA_Y

ClientSampleId :

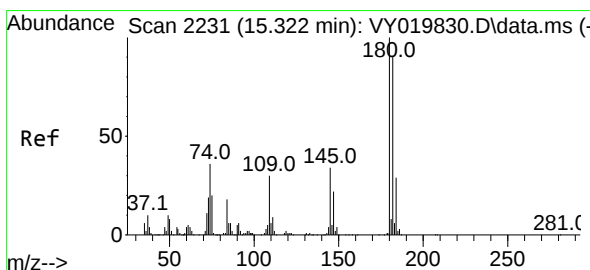
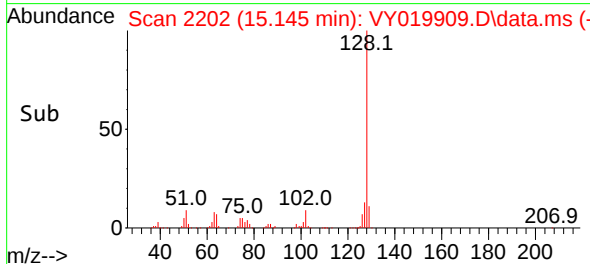
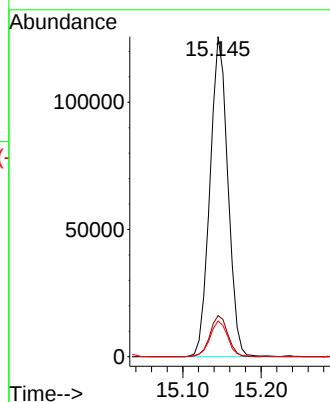
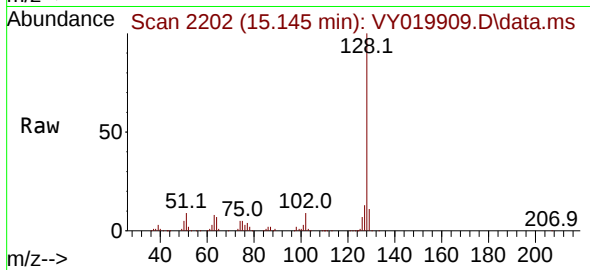
Tgt Ion:128 Resp: 199448

Ion Ratio Lower Upper

128 100

127 12.8 10.6 16.0

129 11.1 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 42.145 ug/l

RT: 15.334 min Scan# 2233

Delta R.T. 0.007 min

Lab File: VY019909.D

Acq: 16 Oct 2024 10:10

Tgt Ion:180 Resp: 95206

Ion Ratio Lower Upper

180 100

182 93.3 47.6 142.9

145 33.8 15.4 46.1

