

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092524\
 Data File : VY019702.D
 Acq On : 25 Sep 2024 17:57
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 26 04:03:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 09 16:00:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	311942	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	553604	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	480546	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	229758	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.061	65	160656	55.619	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 111.240%	
35) Dibromofluoromethane	7.628	113	162594	51.801	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.600%	
50) Toluene-d8	10.109	98	576377	49.646	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.300%	
62) 4-Bromofluorobenzene	12.408	95	211858	47.459	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 94.920%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.867	85	73627	42.576	ug/l	99
3) Chloromethane	2.068	50	135293	52.421	ug/l	97
4) Vinyl Chloride	2.202	62	159361	57.103	ug/l	100
5) Bromomethane	2.598	94	120761	70.446	ug/l	99
6) Chloroethane	2.732	64	115651	63.392	ug/l	98
7) Trichlorofluoromethane	3.056	101	260513	55.999	ug/l	96
8) Diethyl Ether	3.452	74	89972	57.616	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.812	101	154165	53.570	ug/l	96
10) Methyl Iodide	4.001	142	184304	49.952	ug/l	93
11) Tert butyl alcohol	4.866	59	70884	303.870	ug/l	# 81
12) 1,1-Dichloroethene	3.787	96	147598	53.330	ug/l	92
13) Acrolein	3.653	56	15950	135.466	ug/l	100
14) Allyl chloride	4.379	41	255691	51.518	ug/l	# 93
15) Acrylonitrile	5.055	53	200317	297.506	ug/l	98
16) Acetone	3.873	43	171456	249.156	ug/l	# 87
17) Carbon Disulfide	4.104	76	372811	49.857	ug/l	99
18) Methyl Acetate	4.385	43	114297	61.204	ug/l	93
19) Methyl tert-butyl Ether	5.116	73	459331	58.599	ug/l	98
20) Methylene Chloride	4.610	84	184876	58.910	ug/l	89
21) trans-1,2-Dichloroethene	5.110	96	169461	55.862	ug/l	87
22) Diisopropyl ether	6.012	45	583434	57.245	ug/l	92
23) Vinyl Acetate	5.958	43	1572396	270.101	ug/l	94
24) 1,1-Dichloroethane	5.909	63	338088	59.115	ug/l	98
25) 2-Butanone	6.890	43	265734	271.512	ug/l	# 88
26) 2,2-Dichloropropane	6.878	77	260316	50.460	ug/l	98
27) cis-1,2-Dichloroethene	6.884	96	220798	59.919	ug/l	92
28) Bromochloromethane	7.244	49	161808	67.243	ug/l	86
29) Tetrahydrofuran	7.256	42	168431	283.041	ug/l	89
30) Chloroform	7.415	83	365299	62.569	ug/l	97
31) Cyclohexane	7.695	56	243154	47.036	ug/l	93
32) 1,1,1-Trichloroethane	7.616	97	304162	58.123	ug/l	96
36) 1,1-Dichloropropene	7.835	75	229142	53.650	ug/l	98
37) Ethyl Acetate	6.982	43	121934	55.719	ug/l	97
38) Carbon Tetrachloride	7.817	117	264701	54.958	ug/l	99
39) Methylcyclohexane	9.109	83	275640	48.495	ug/l	93
40) Benzene	8.079	78	734639	55.845	ug/l	100

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.213	41	79049	61.967	ug/l #	82
42) 1,2-Dichloroethane	8.152	62	212884	60.139	ug/l	96
43) Isopropyl Acetate	8.195	43	249706	54.312	ug/l #	80
44) Trichloroethene	8.866	130	185943	54.960	ug/l	94
45) 1,2-Dichloropropane	9.140	63	180226	56.039	ug/l	99
46) Dibromomethane	9.231	93	103057	58.598	ug/l	95
47) Bromodichloromethane	9.420	83	277261	58.648	ug/l	99
48) Methyl methacrylate	9.219	41	115472	53.185	ug/l	85
49) 1,4-Dioxane	9.231	88	24311	1174.220	ug/l #	89
51) 4-Methyl-2-Pentanone	9.999	43	642676	277.851	ug/l	92
52) Toluene	10.170	92	476219	56.287	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	240652	53.400	ug/l	100
54) cis-1,3-Dichloropropene	9.853	75	281450	53.634	ug/l #	88
55) 1,1,2-Trichloroethane	10.573	97	143990	59.286	ug/l	98
56) Ethyl methacrylate	10.438	69	206226	55.897	ug/l #	82
57) 1,3-Dichloropropane	10.719	76	241756	57.908	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	498220	290.957	ug/l	100
59) 2-Hexanone	10.762	43	434351	256.141	ug/l	90
60) Dibromochloromethane	10.908	129	185679	57.794	ug/l	100
61) 1,2-Dibromoethane	11.018	107	128339	56.713	ug/l	99
64) Tetrachloroethene	10.646	164	177359	59.601	ug/l	95
65) Chlorobenzene	11.444	112	529241	55.989	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.517	131	184610	56.407	ug/l	98
67) Ethyl Benzene	11.517	91	937499	55.818	ug/l	100
68) m/p-Xylenes	11.627	106	696895	109.732	ug/l	94
69) o-Xylene	11.956	106	342064	55.074	ug/l	95
70) Styrene	11.969	104	585551	55.839	ug/l	96
71) Bromoform	12.133	173	103381	55.304	ug/l #	97
73) Isopropylbenzene	12.255	105	901722	54.098	ug/l	99
74) N-amyl acetate	12.072	43	221414	48.843	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.505	83	164369	55.558	ug/l	98
76) 1,2,3-Trichloropropane	12.560	75	206666	95.967	ug/l #	100
77) Bromobenzene	12.530	156	201392	54.478	ug/l	91
78) n-propylbenzene	12.597	91	1054830	53.392	ug/l	99
79) 2-Chlorotoluene	12.682	91	622648	54.080	ug/l	95
80) 1,3,5-Trimethylbenzene	12.737	105	720775	53.191	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.304	75	50183	44.735	ug/l	89
82) 4-Chlorotoluene	12.779	91	634848	53.634	ug/l	96
83) tert-Butylbenzene	12.999	119	666355	54.320	ug/l	96
84) 1,2,4-Trimethylbenzene	13.042	105	718827	53.591	ug/l	97
85) sec-Butylbenzene	13.176	105	945635	53.063	ug/l	99
86) p-Isopropyltoluene	13.292	119	767532	52.641	ug/l	96
87) 1,3-Dichlorobenzene	13.285	146	388764	54.120	ug/l	98
88) 1,4-Dichlorobenzene	13.365	146	381811	53.558	ug/l	97
89) n-Butylbenzene	13.615	91	703152	50.446	ug/l	99
90) Hexachloroethane	13.877	117	158990	52.407	ug/l	92
91) 1,2-Dichlorobenzene	13.657	146	352426	54.980	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	24941	50.582	ug/l	84
93) 1,2,4-Trichlorobenzene	14.919	180	183909	47.172	ug/l	97
94) Hexachlorobutadiene	15.023	225	94892	45.561	ug/l	99
95) Naphthalene	15.145	128	378891	48.530	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	157995	47.378	ug/l	98

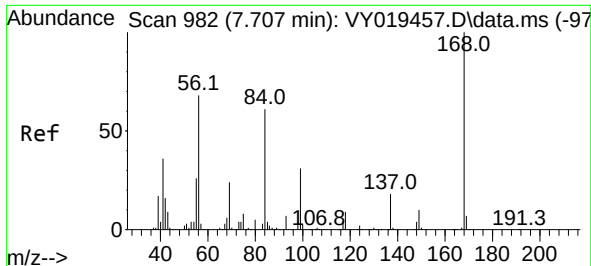
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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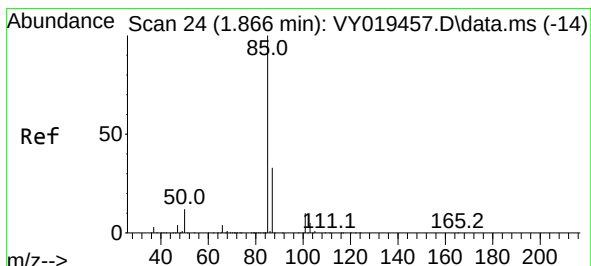
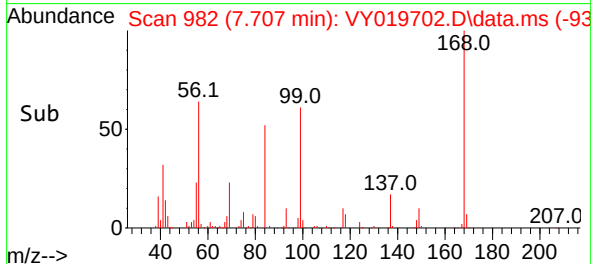
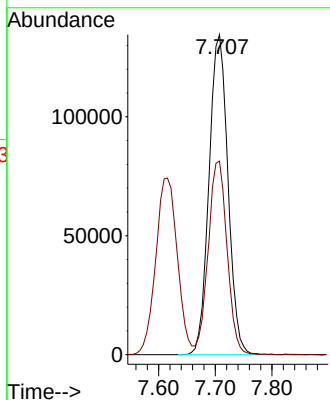
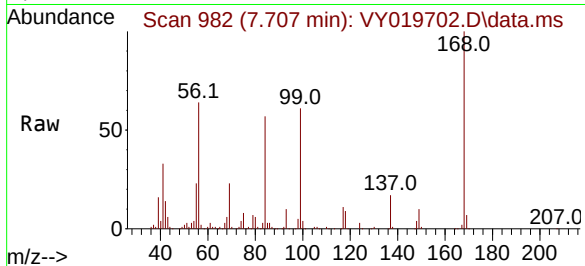
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019702.D
Acq: 25 Sep 2024 17:57

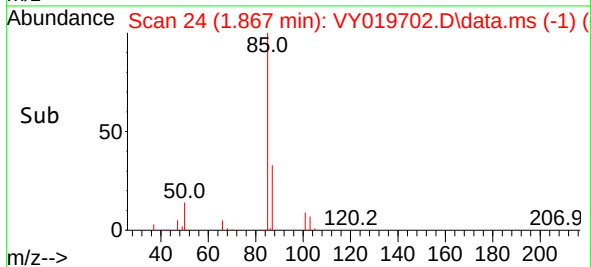
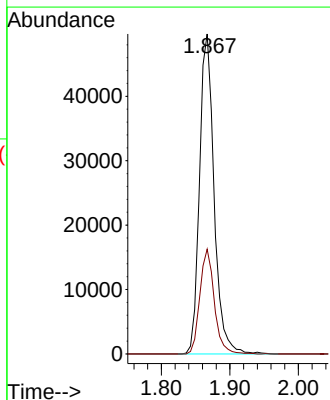
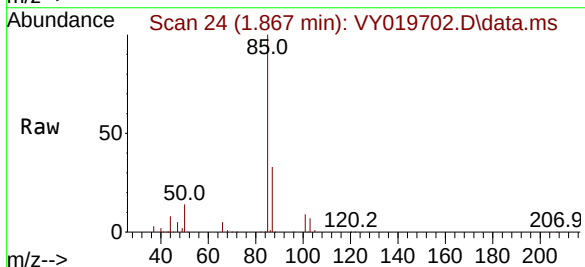
Instrument :
MSVOA_Y
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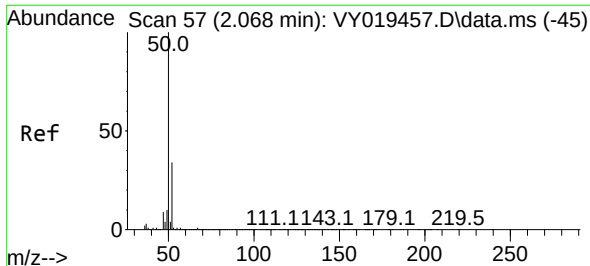
Tgt Ion:168 Resp: 311942
Ion Ratio Lower Upper
168 100
99 60.5 39.1 58.7#



#2
Dichlorodifluoromethane
Concen: 42.576 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.001 min
Lab File: VY019702.D
Acq: 25 Sep 2024 17:57

Tgt Ion: 85 Resp: 73627
Ion Ratio Lower Upper
85 100
87 32.8 16.0 48.0

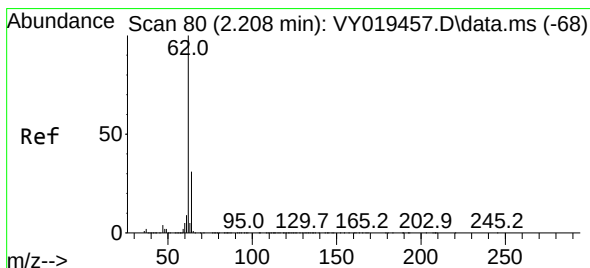
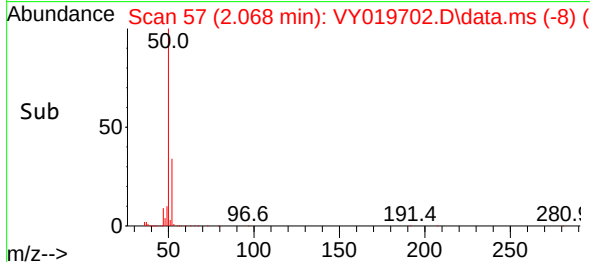
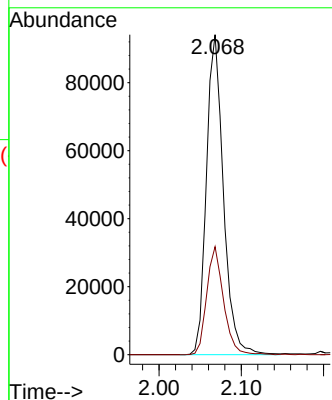
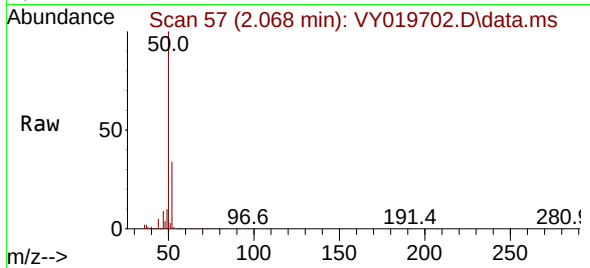




#3
Chloromethane
Concen: 52.421 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY019702.D
Acq: 25 Sep 2024 17:57

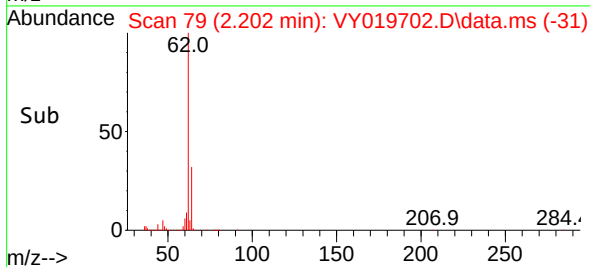
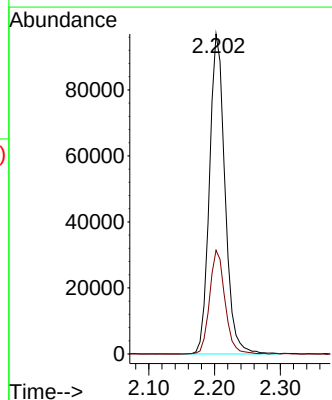
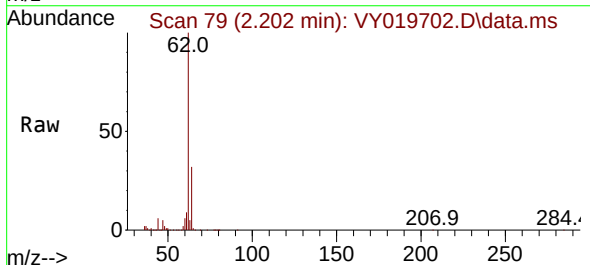
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MSVOA_Y
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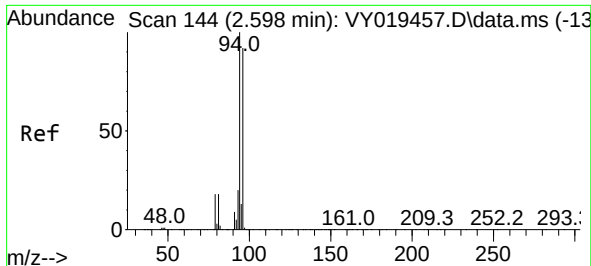
Tgt Ion: 50 Resp: 135293
Ion Ratio Lower Upper
50 100
52 33.7 25.6 38.4



#4
Vinyl Chloride
Concen: 57.103 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.006 min
Lab File: VY019702.D
Acq: 25 Sep 2024 17:57

Tgt Ion: 62 Resp: 159361
Ion Ratio Lower Upper
62 100
64 32.4 26.1 39.1

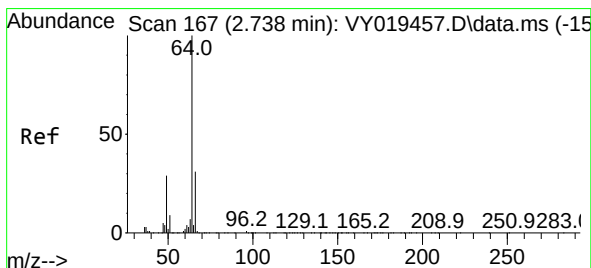
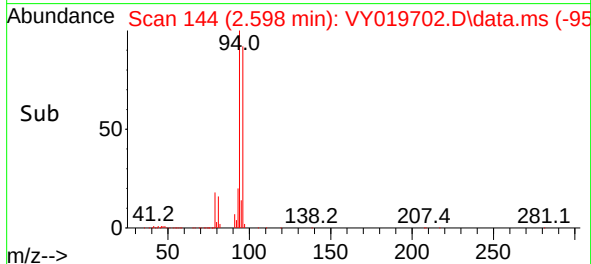
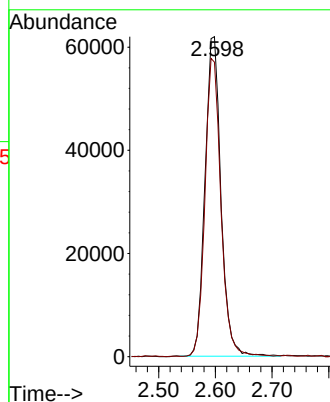
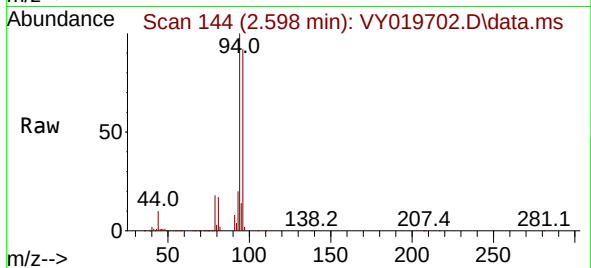




#5
Bromomethane
Concen: 70.446 ug/l
RT: 2.598 min Scan# 144
Delta R.T. 0.000 min
Lab File: VY019702.D
Acq: 25 Sep 2024 17:57

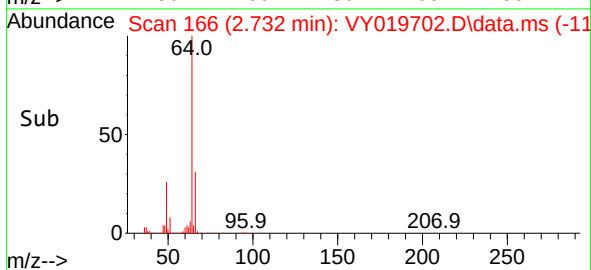
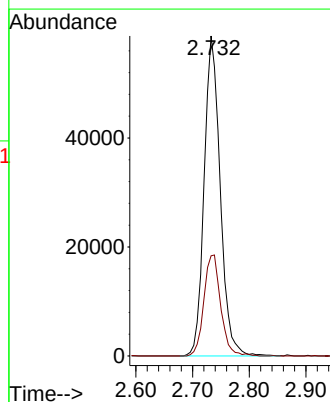
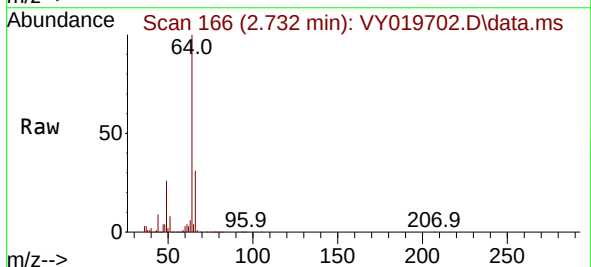
Instrument :
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ClientSampleId :

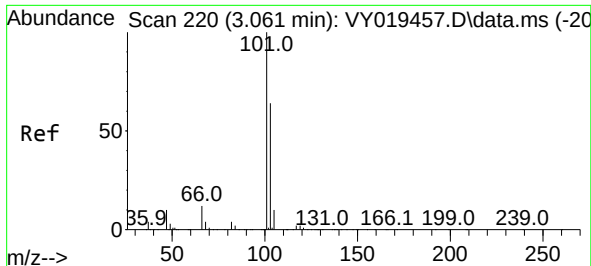
Tgt Ion: 94 Resp: 120761
Ion Ratio Lower Upper
94 100
96 92.1 74.1 111.1



#6
Chloroethane
Concen: 63.392 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY019702.D
Acq: 25 Sep 2024 17:57

Tgt Ion: 64 Resp: 115651
Ion Ratio Lower Upper
64 100
66 31.3 26.1 39.1

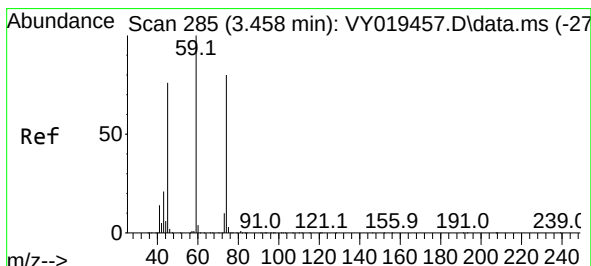
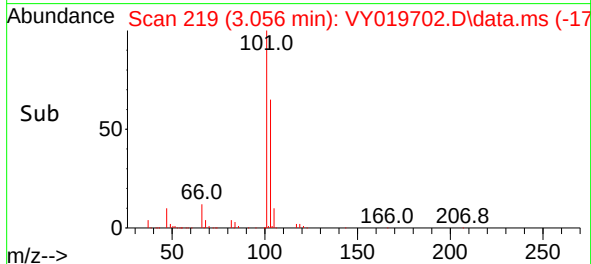
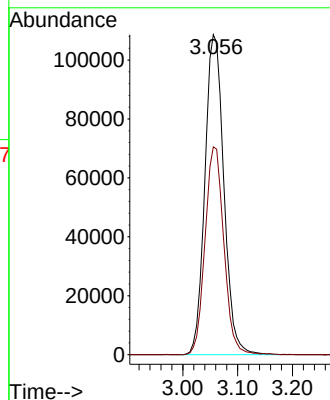
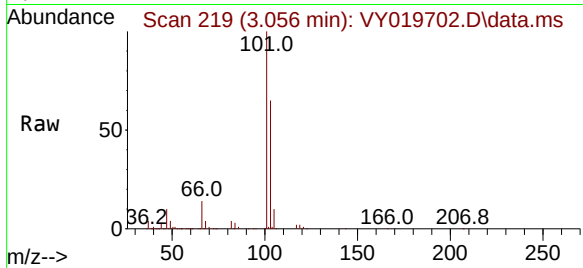




#7
Trichlorofluoromethane
Concen: 55.999 ug/l
RT: 3.056 min Scan# 21
Delta R.T. -0.006 min
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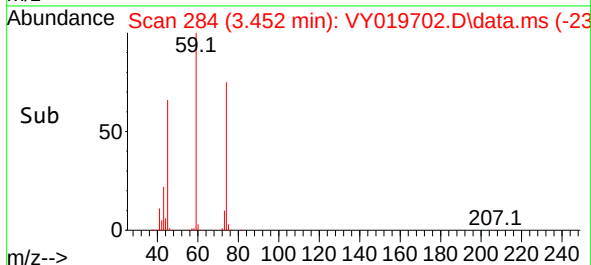
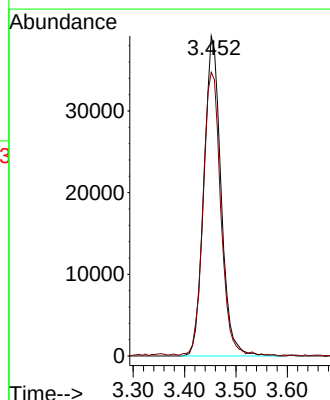
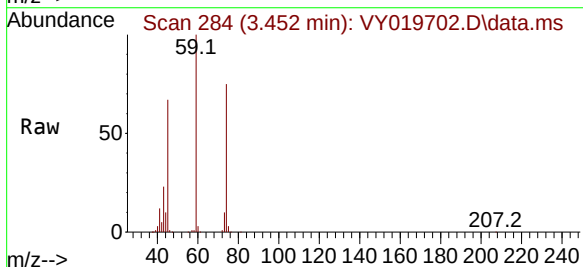
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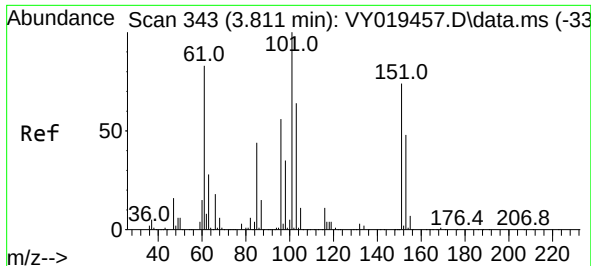
Tgt Ion:101 Resp: 260513
Ion Ratio Lower Upper
101 100
103 65.0 49.3 73.9



#8
Diethyl Ether
Concen: 57.616 ug/l
RT: 3.452 min Scan# 284
Delta R.T. -0.006 min
Lab File: VY019702.D
Acq: 25 Sep 2024 17:57

Tgt Ion: 74 Resp: 89972
Ion Ratio Lower Upper
74 100
45 93.0 41.3 124.1

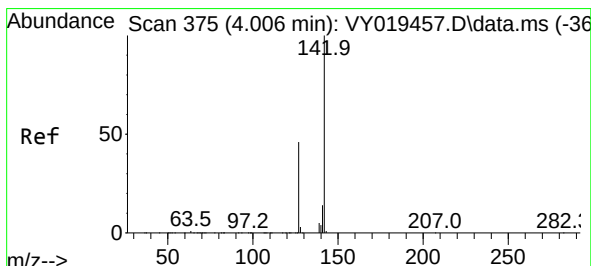
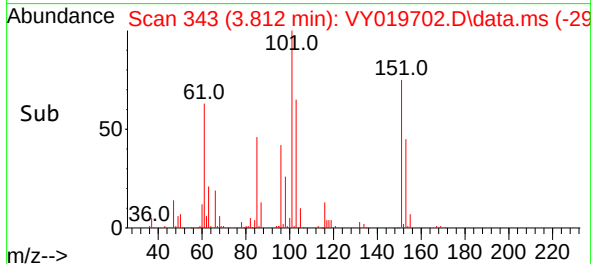
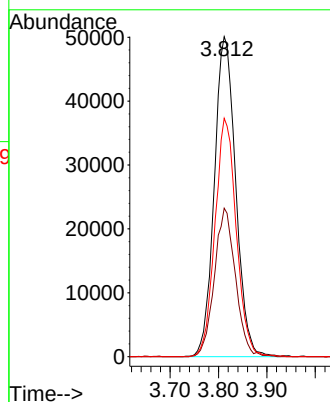
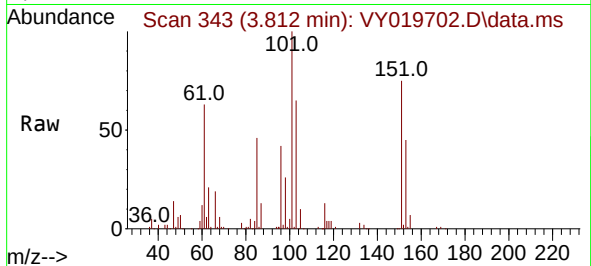




#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.570 ug/l
RT: 3.812 min Scan# 34
Delta R.T. 0.000 min
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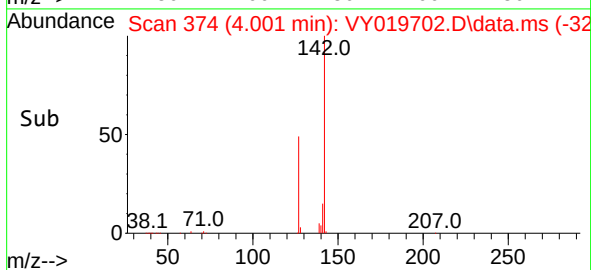
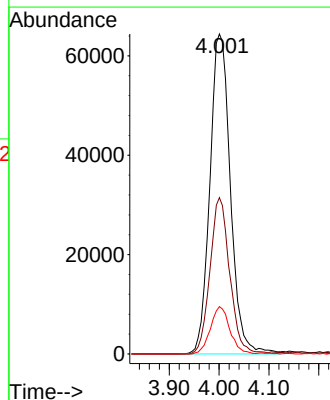
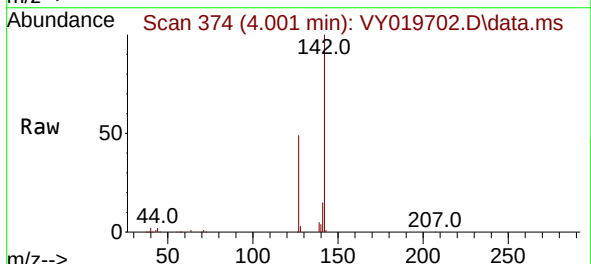
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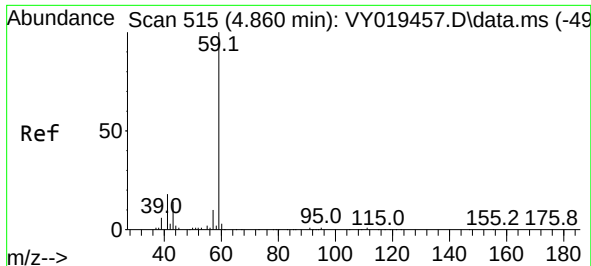
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Ion Ratio Lower Upper
101 100
85 45.6 34.5 51.7
151 74.1 61.7 92.5



#10
Methyl Iodide
Concen: 49.952 ug/l
RT: 4.001 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY019702.D
Acq: 25 Sep 2024 17:57

Tgt Ion:142 Resp: 184304
Ion Ratio Lower Upper
142 100
127 46.8 32.8 49.2
141 14.0 11.4 17.2

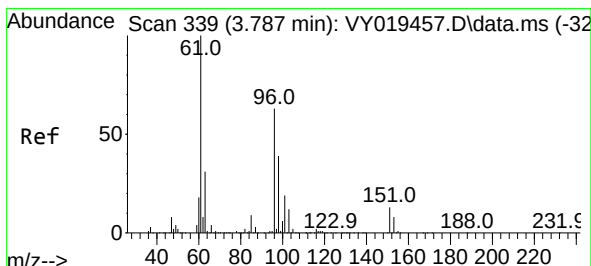
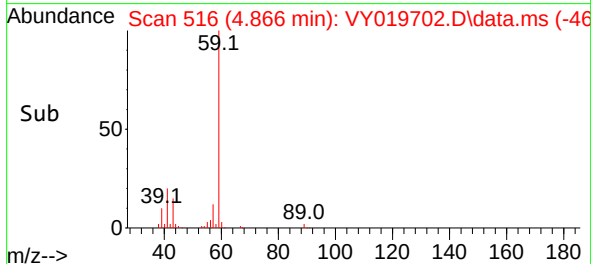
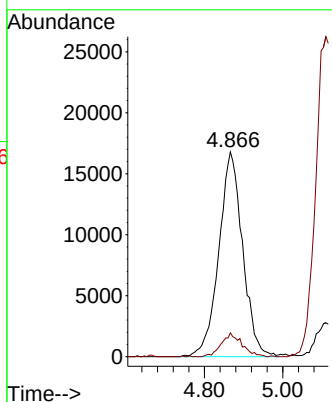
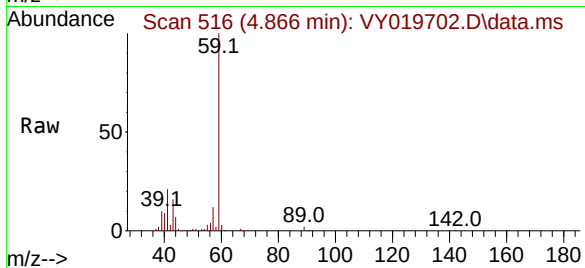




#11
Tert butyl alcohol
Concen: 303.870 ug/l
RT: 4.866 min Scan# 515
Delta R.T. 0.006 min
Lab File: VY019702.D
Acq: 25 Sep 2024 17:57

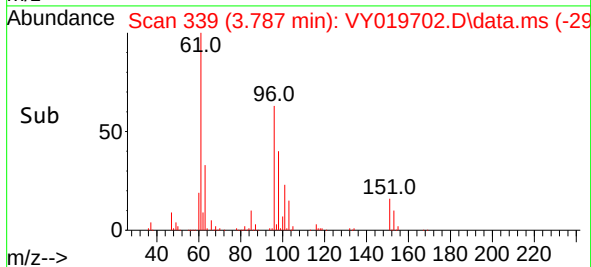
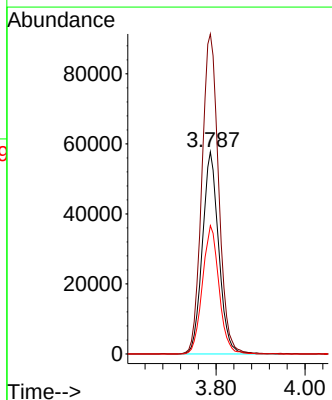
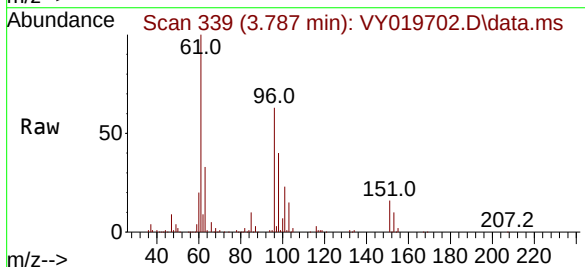
Instrument :
MSVOA_Y
ClientSampleId :

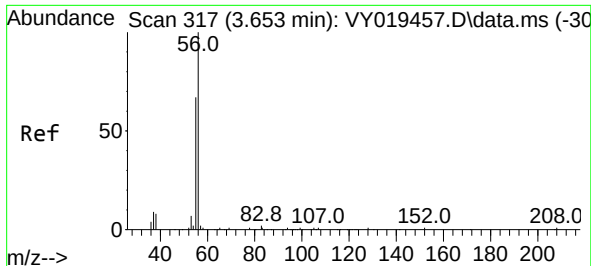
Tgt Ion: 59 Resp: 70884
Ion Ratio Lower Upper
59 100
57 10.0 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 53.330 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY019702.D
Acq: 25 Sep 2024 17:57

Tgt Ion: 96 Resp: 147598
Ion Ratio Lower Upper
96 100
61 158.3 114.6 171.8
98 63.5 50.8 76.2





#13

Acrolein

Concen: 135.466 ug/l

RT: 3.653 min Scan# 317

Delta R.T. 0.000 min

Lab File: VY019702.D

Acq: 25 Sep 2024 17:57

Instrument :

MSVOA_Y

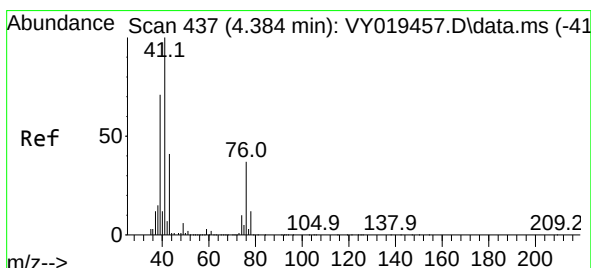
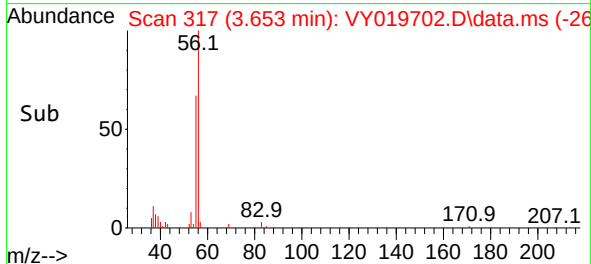
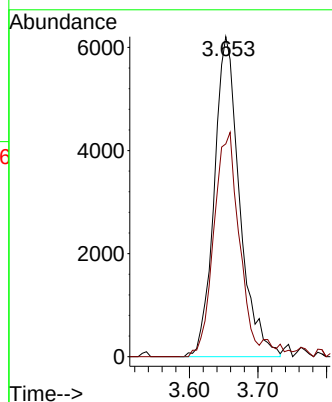
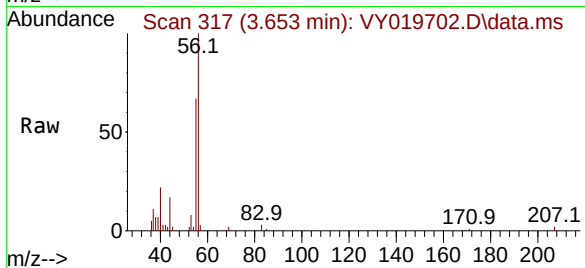
ClientSampleId :

Tgt Ion: 56 Resp: 15950

Ion Ratio Lower Upper

56 100

55 69.7 55.7 83.5



#14

Allyl chloride

Concen: 51.518 ug/l

RT: 4.379 min Scan# 436

Delta R.T. -0.006 min

Lab File: VY019702.D

Acq: 25 Sep 2024 17:57

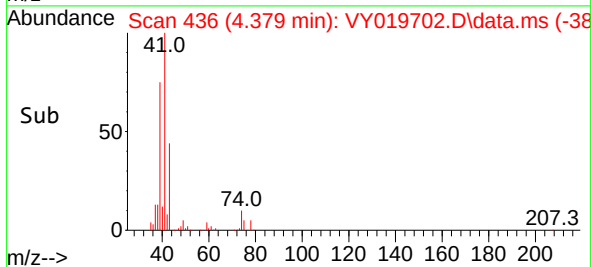
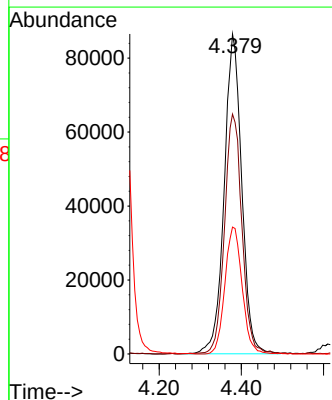
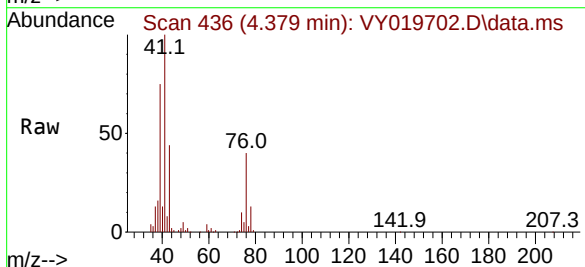
Tgt Ion: 41 Resp: 255691

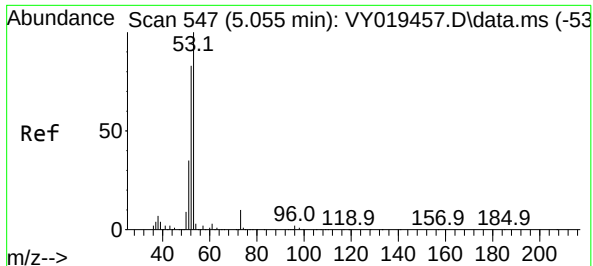
Ion Ratio Lower Upper

41 100

39 74.3 58.3 87.5

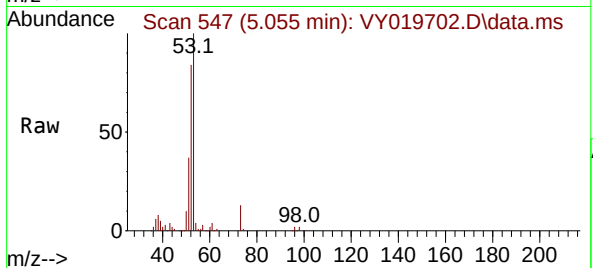
76 39.0 39.0 58.6#



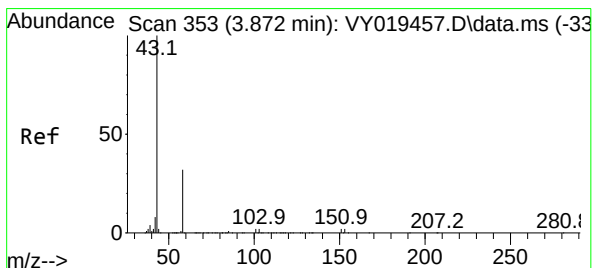
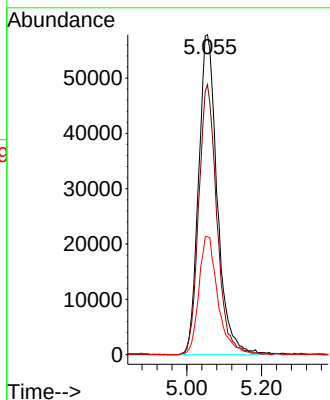
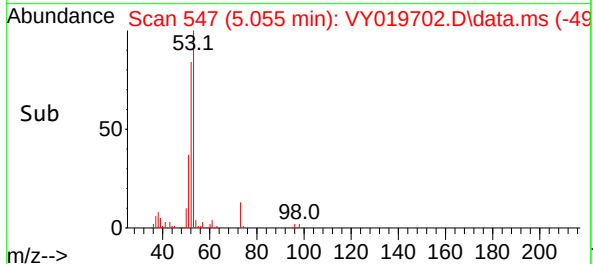


#15
Acrylonitrile
Concen: 297.506 ug/l
RT: 5.055 min Scan# 547
Delta R.T. 0.000 min
Lab File: VY019702.D
Acq: 25 Sep 2024 17:57

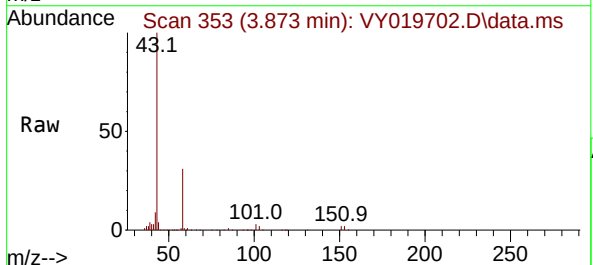
Instrument :
MSVOA_Y
ClientSampleId :



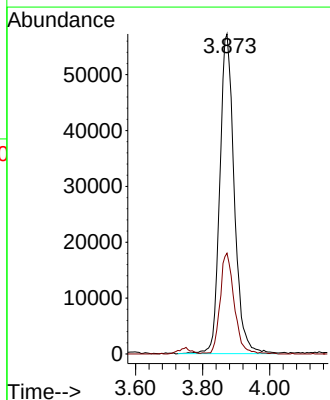
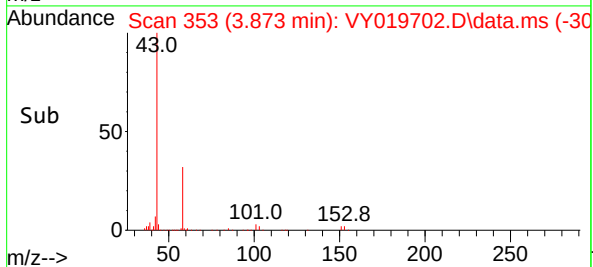
Tgt Ion: 53 Resp: 200317
Ion Ratio Lower Upper
53 100
52 82.3 64.7 97.1
51 38.0 28.4 42.6

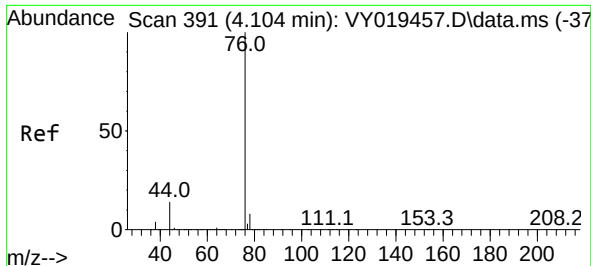


#16
Acetone
Concen: 249.156 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY019702.D
Acq: 25 Sep 2024 17:57



Tgt Ion: 43 Resp: 171456
Ion Ratio Lower Upper
43 100
58 31.5 31.7 47.5#

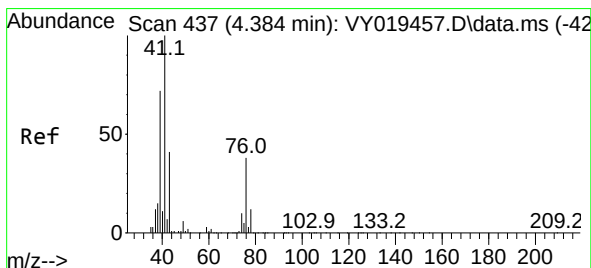
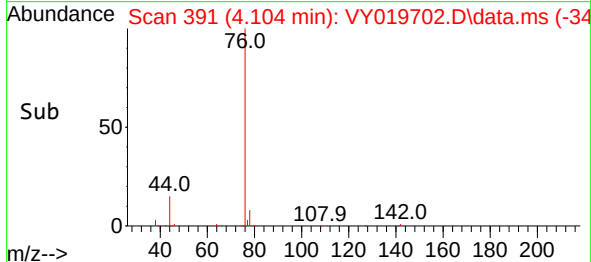
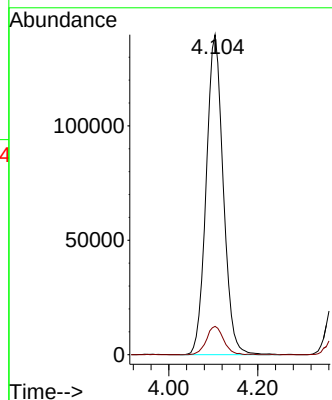
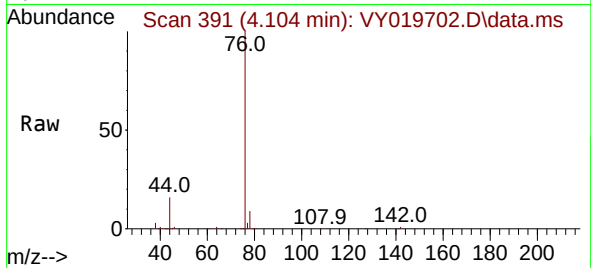




#17
Carbon Disulfide
Concen: 49.857 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY019702.D
Acq: 25 Sep 2024 17:57

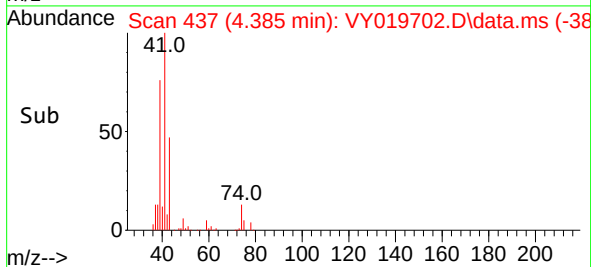
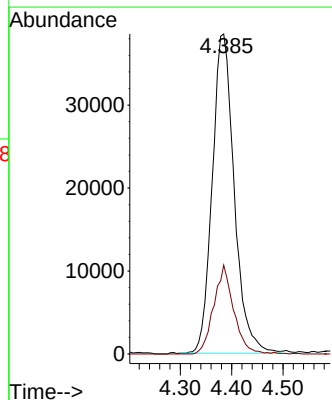
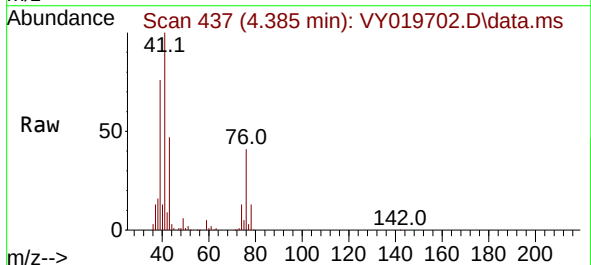
Instrument :
MSVOA_Y
ClientSampleId :

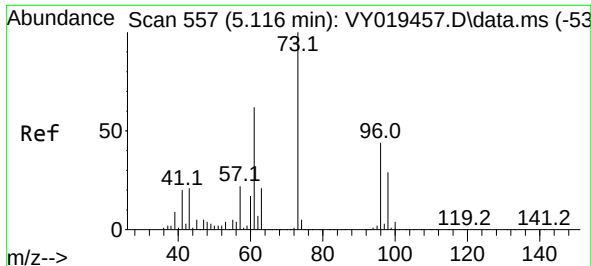
Tgt Ion: 76 Resp: 372811
Ion Ratio Lower Upper
76 100
78 8.9 6.8 10.2



#18
Methyl Acetate
Concen: 61.204 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY019702.D
Acq: 25 Sep 2024 17:57

Tgt Ion: 43 Resp: 114297
Ion Ratio Lower Upper
43 100
74 25.1 23.3 34.9

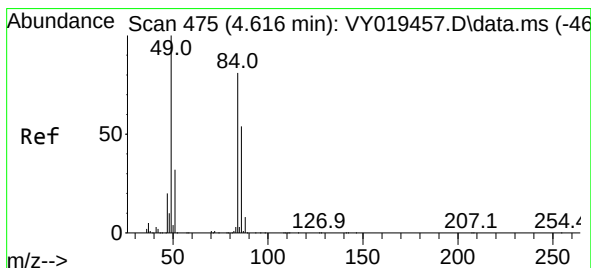
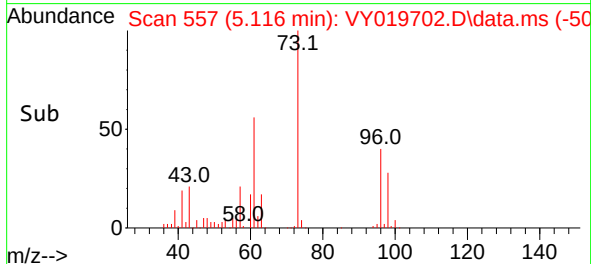
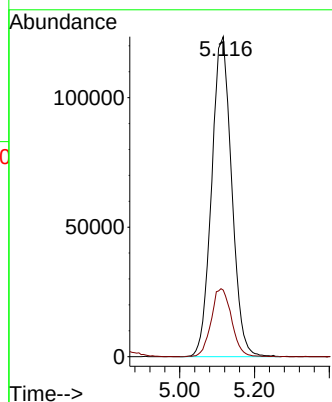
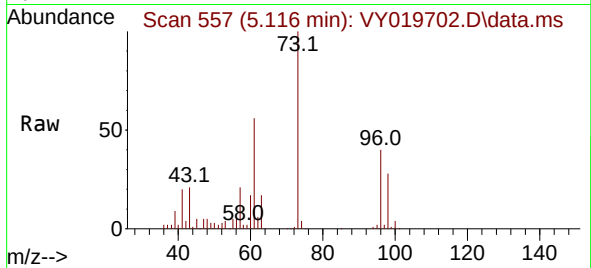




#19
Methyl tert-butyl Ether
Concen: 58.599 ug/l
RT: 5.116 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY019702.D
Acq: 25 Sep 2024 17:57

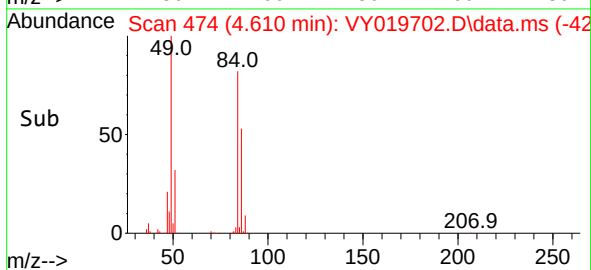
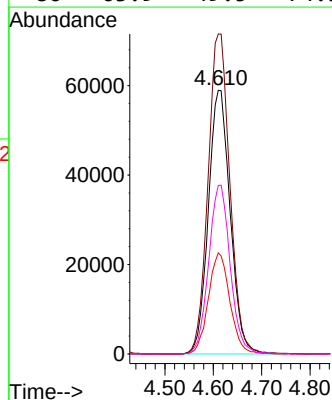
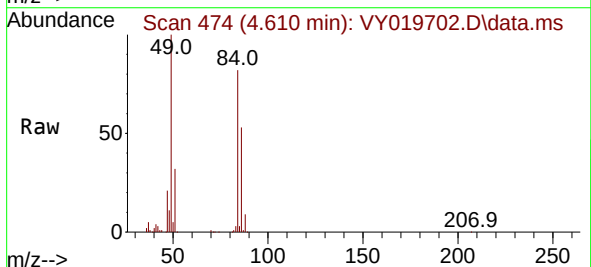
Instrument :
MSVOA_Y
ClientSampleId :

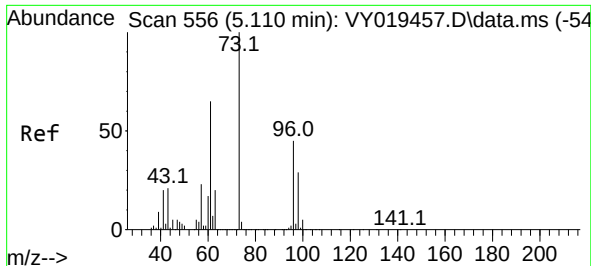
Tgt Ion: 73 Resp: 459331
Ion Ratio Lower Upper
73 100
57 20.8 17.3 25.9



#20
Methylene Chloride
Concen: 58.910 ug/l
RT: 4.610 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY019702.D
Acq: 25 Sep 2024 17:57

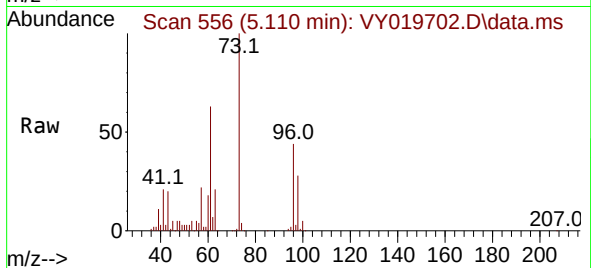
Tgt Ion: 84 Resp: 184876
Ion Ratio Lower Upper
84 100
49 121.4 84.4 126.6
51 38.4 26.0 39.0
86 63.9 49.5 74.3



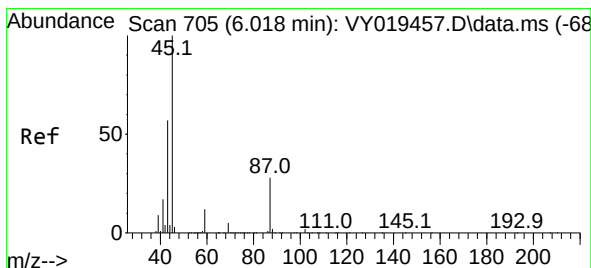
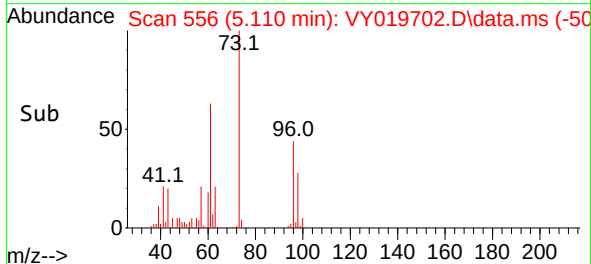
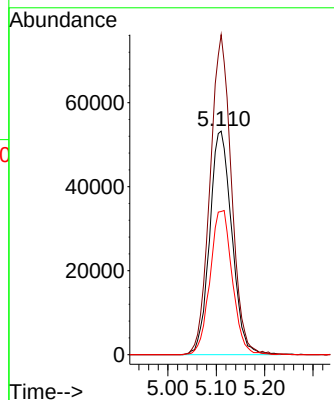


#21
trans-1,2-Dichloroethene
Concen: 55.862 ug/l
RT: 5.110 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY019702.D
Acq: 25 Sep 2024 17:57

Instrument :
MSVOA_Y
ClientSampleId :

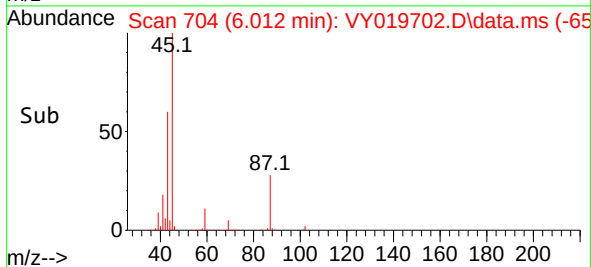
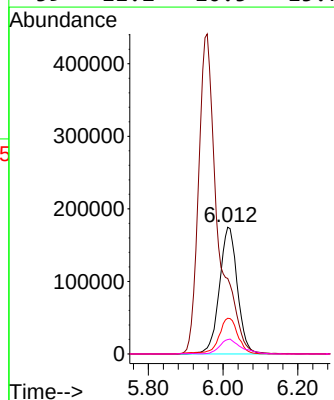
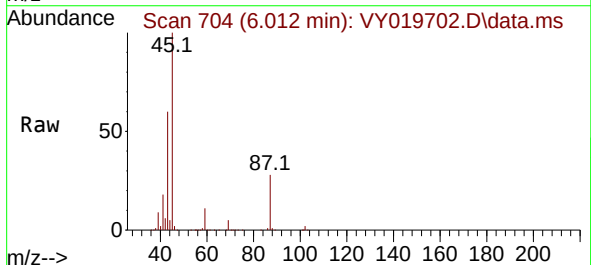


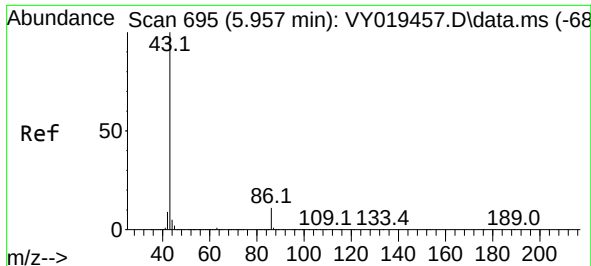
Tgt Ion: 96 Resp: 169461
Ion Ratio Lower Upper
96 100
61 143.2 97.5 146.3
98 64.0 50.5 75.7



#22
Diisopropyl ether
Concen: 57.245 ug/l
RT: 6.012 min Scan# 704
Delta R.T. -0.006 min
Lab File: VY019702.D
Acq: 25 Sep 2024 17:57

Tgt Ion: 45 Resp: 583434
Ion Ratio Lower Upper
45 100
43 59.5 42.2 63.2
87 28.1 25.0 37.6
59 11.2 10.5 15.7

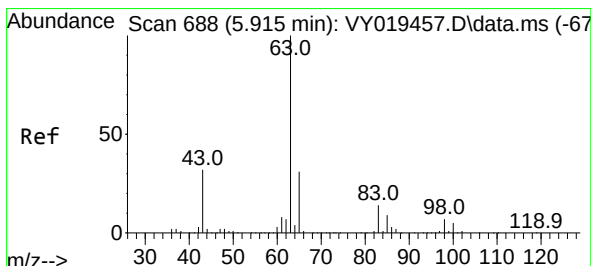
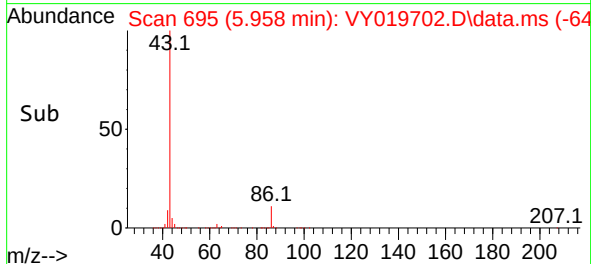
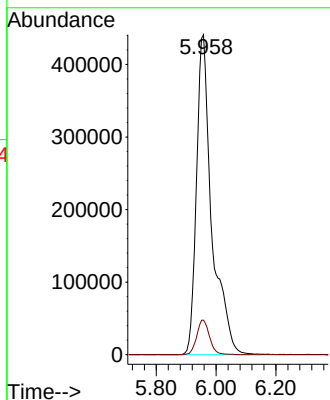
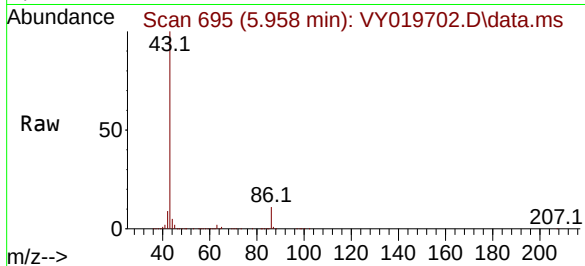




#23
 Vinyl Acetate
 Concen: 270.101 ug/l
 RT: 5.958 min Scan# 64
 Delta R.T. 0.000 min
 Lab File: VY019702.D
 Acq: 25 Sep 2024 17:57

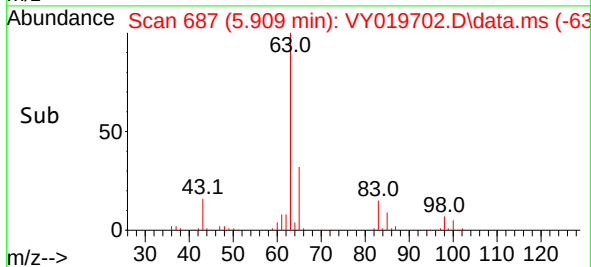
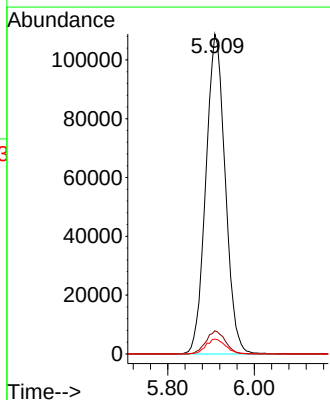
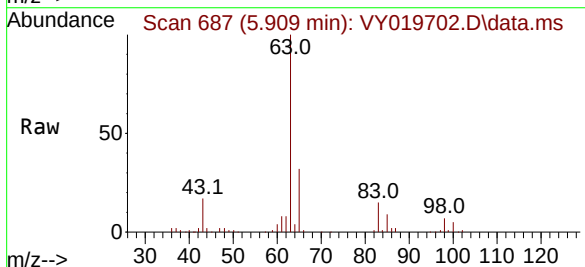
Instrument :
 MSVOA_Y
 ClientSampleId :

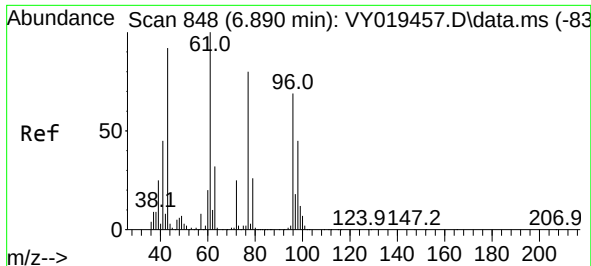
Tgt Ion: 43 Resp: 1572396
 Ion Ratio Lower Upper
 43 100
 86 10.8 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 59.115 ug/l
 RT: 5.909 min Scan# 687
 Delta R.T. -0.006 min
 Lab File: VY019702.D
 Acq: 25 Sep 2024 17:57

Tgt Ion: 63 Resp: 338088
 Ion Ratio Lower Upper
 63 100
 98 7.3 4.0 12.2
 100 4.6 2.6 8.0

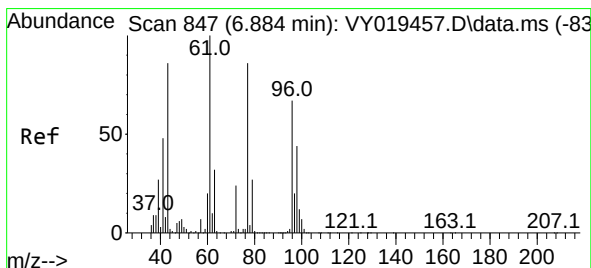
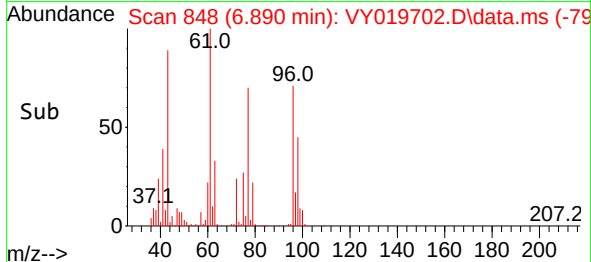
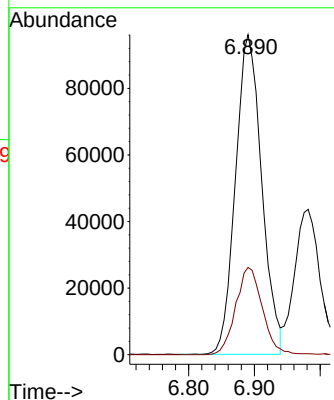
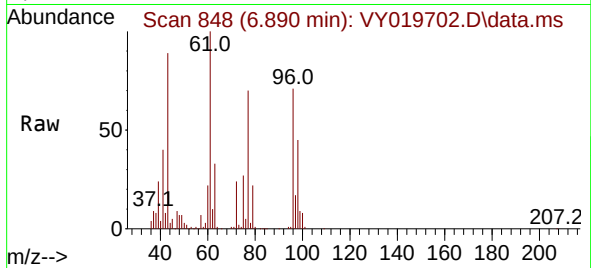




#25
2-Butanone
Concen: 271.512 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY019702.D
Acq: 25 Sep 2024 17:57

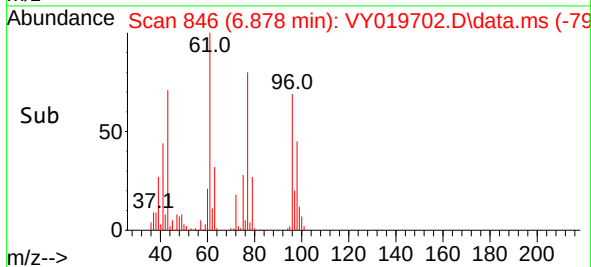
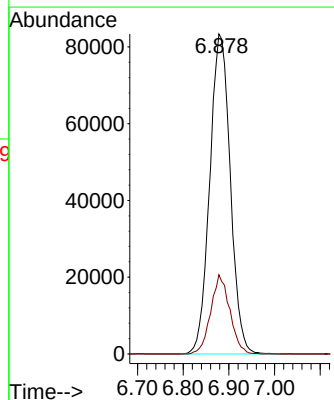
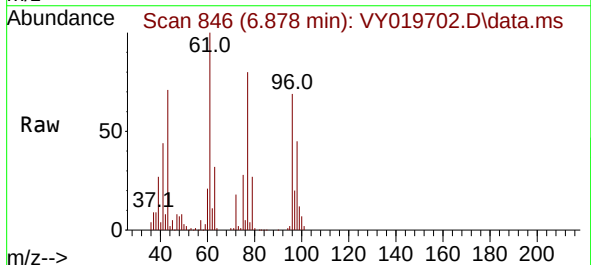
Instrument :
MSVOA_Y
ClientSampleId :

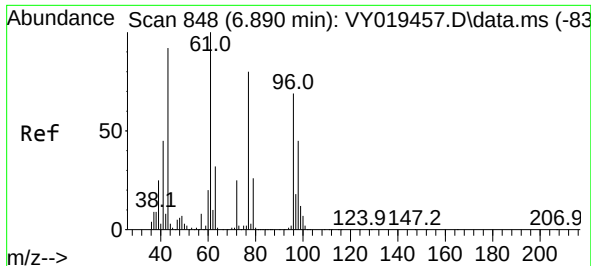
Tgt Ion: 43 Resp: 265734
Ion Ratio Lower Upper
43 100
72 27.3 27.3 40.9#



#26
2,2-Dichloropropane
Concen: 50.460 ug/l
RT: 6.878 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY019702.D
Acq: 25 Sep 2024 17:57

Tgt Ion: 77 Resp: 260316
Ion Ratio Lower Upper
77 100
97 23.0 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 59.919 ug/l

RT: 6.884 min Scan# 848

Delta R.T. -0.006 min

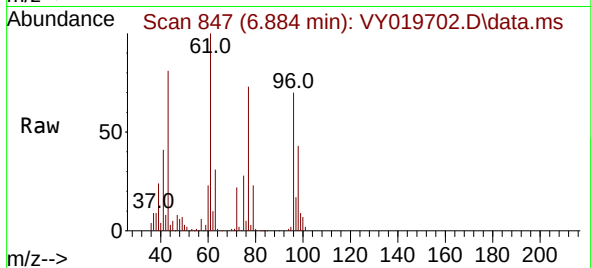
Lab File: VY019702.D

Acq: 25 Sep 2024 17:57

Instrument :

MSVOA_Y

ClientSampleId :



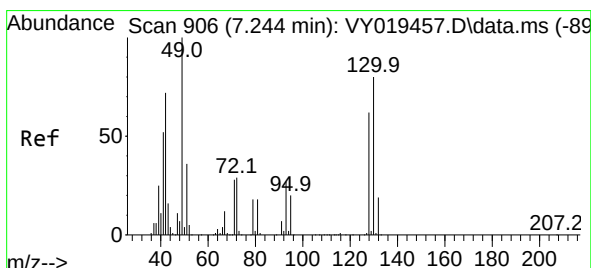
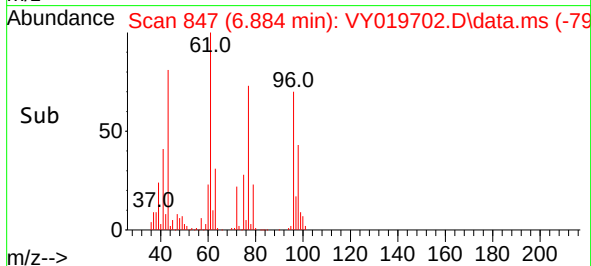
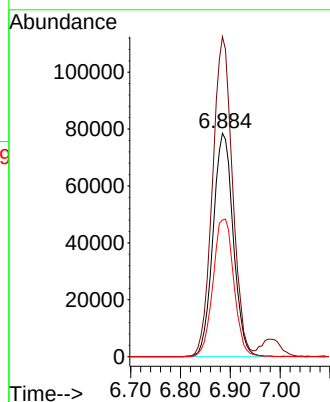
Tgt Ion: 96 Resp: 220798

Ion Ratio Lower Upper

96 100

61 141.8 0.0 256.2

98 63.5 0.0 130.0



#28

Bromochloromethane

Concen: 67.243 ug/l

RT: 7.244 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY019702.D

Acq: 25 Sep 2024 17:57

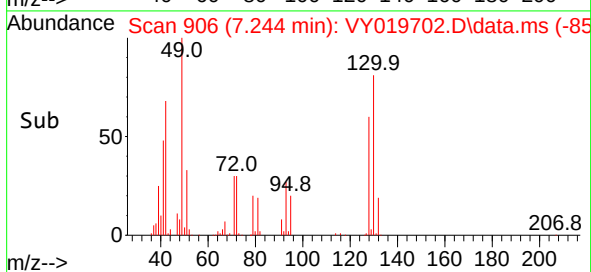
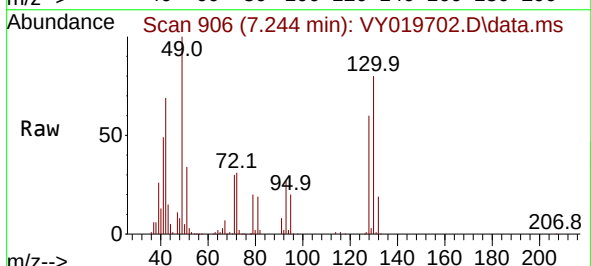
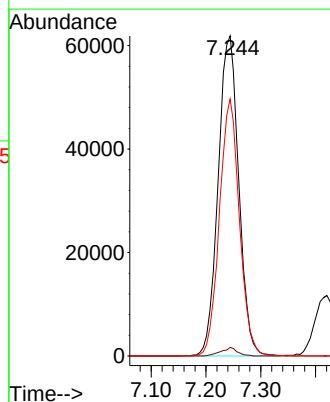
Tgt Ion: 49 Resp: 161808

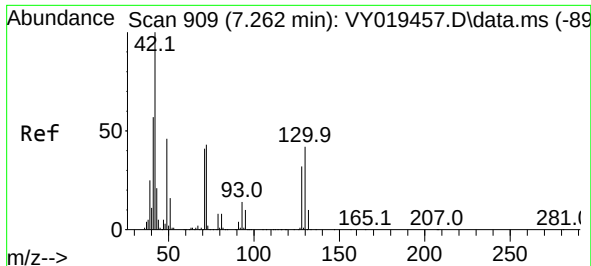
Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.6

130 77.7 72.7 109.1

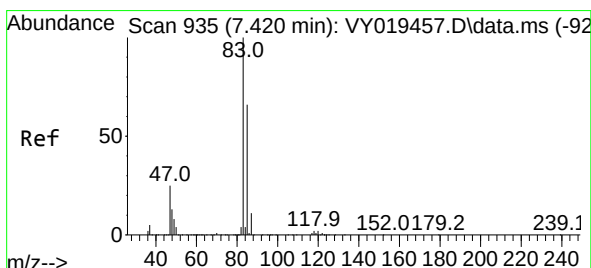
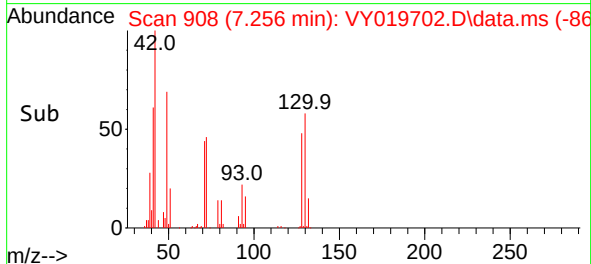
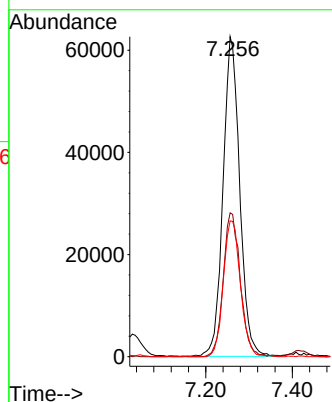
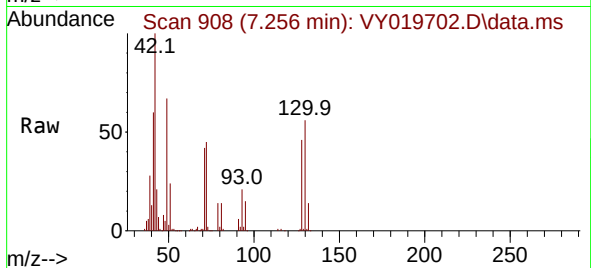




#29
Tetrahydrofuran
Concen: 283.041 ug/l
RT: 7.256 min Scan# 909
Delta R.T. -0.006 min
Lab File: VY019702.D
Acq: 25 Sep 2024 17:57

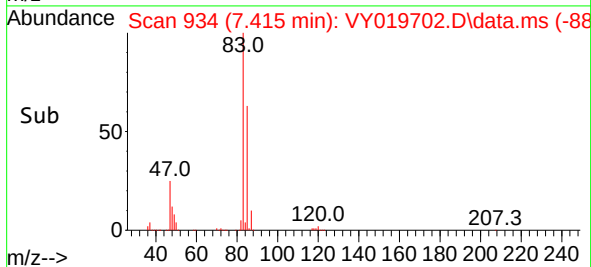
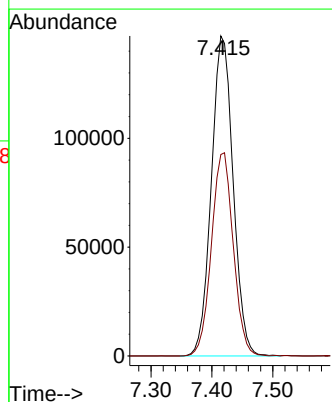
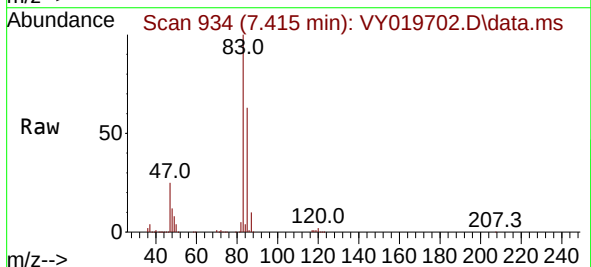
Instrument :
MSVOA_Y
ClientSampleId :

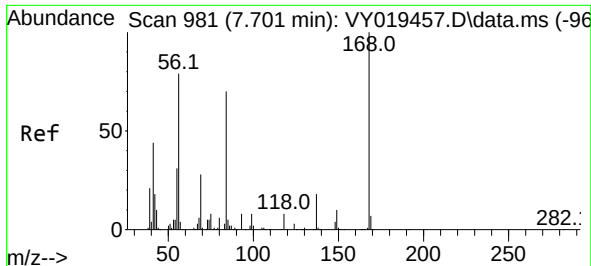
Tgt Ion: 42 Resp: 168431
Ion Ratio Lower Upper
42 100
72 45.9 43.0 64.4
71 43.6 40.8 61.2



#30
Chloroform
Concen: 62.569 ug/l
RT: 7.415 min Scan# 934
Delta R.T. -0.006 min
Lab File: VY019702.D
Acq: 25 Sep 2024 17:57

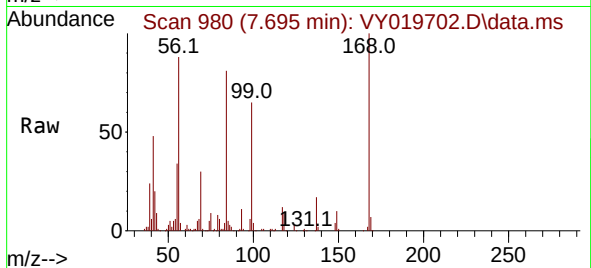
Tgt Ion: 83 Resp: 365299
Ion Ratio Lower Upper
83 100
85 63.0 52.2 78.4



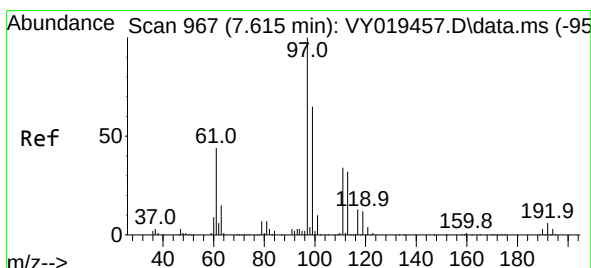
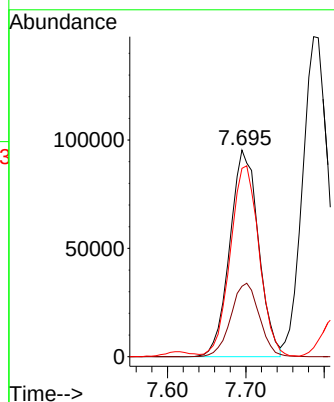
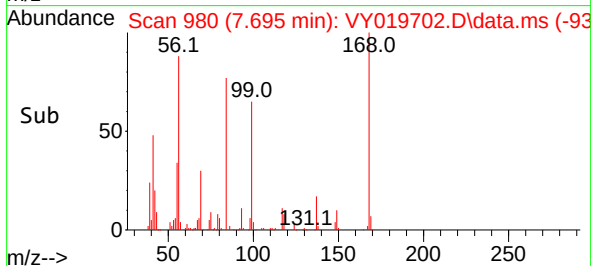


#31
Cyclohexane
Concen: 47.036 ug/l
RT: 7.695 min Scan# 981
Delta R.T. -0.006 min
Lab File: VY019702.D
Acq: 25 Sep 2024 17:57

Instrument :
MSVOA_Y
ClientSampleId :

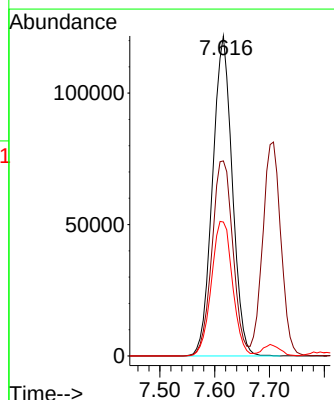
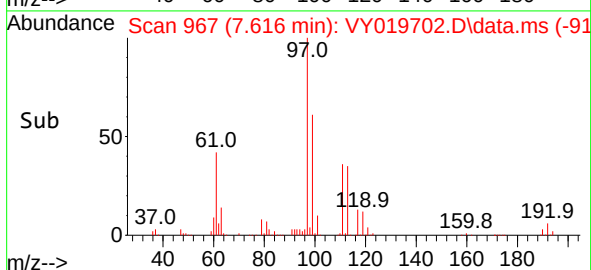
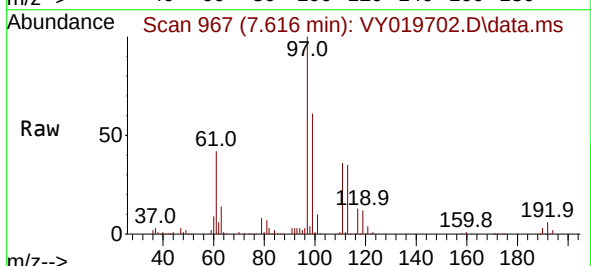


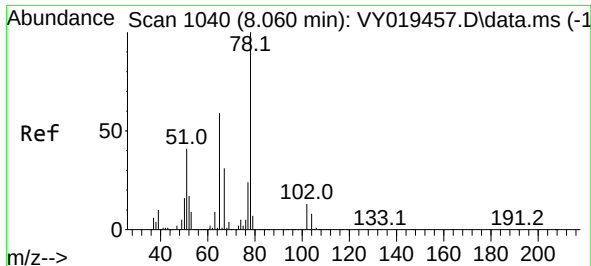
Tgt Ion: 56 Resp: 243154
Ion Ratio Lower Upper
56 100
69 34.1 28.7 43.1
84 88.7 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 58.123 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY019702.D
Acq: 25 Sep 2024 17:57

Tgt Ion: 97 Resp: 304162
Ion Ratio Lower Upper
97 100
99 65.0 50.3 75.5
61 45.0 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 55.619 ug/l

RT: 8.061 min Scan# 11040

Delta R.T. 0.000 min

Lab File: VY019702.D

Acq: 25 Sep 2024 17:57

Instrument :

MSVOA_Y

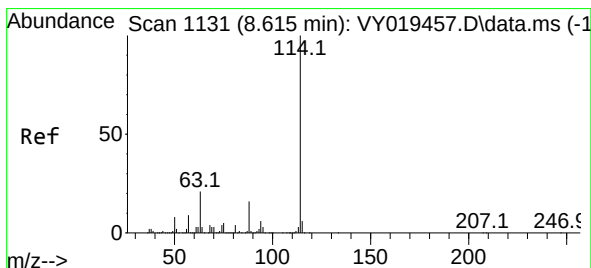
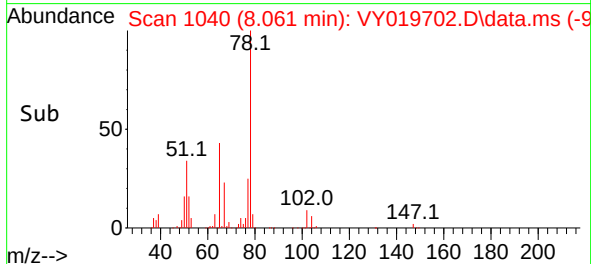
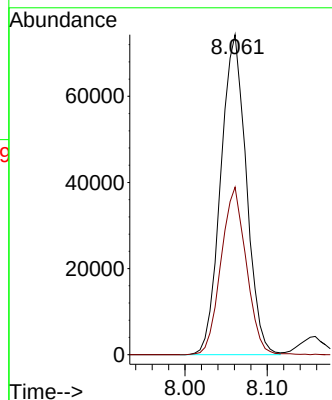
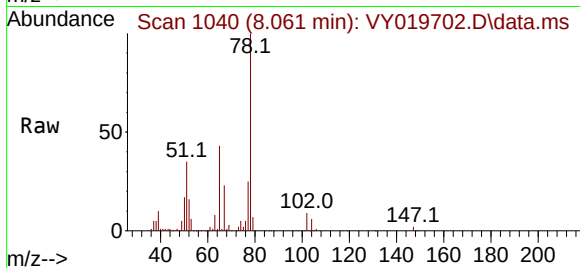
ClientSampleId :

Tgt Ion: 65 Resp: 160656

Ion Ratio Lower Upper

65 100

67 51.7 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY019702.D

Acq: 25 Sep 2024 17:57

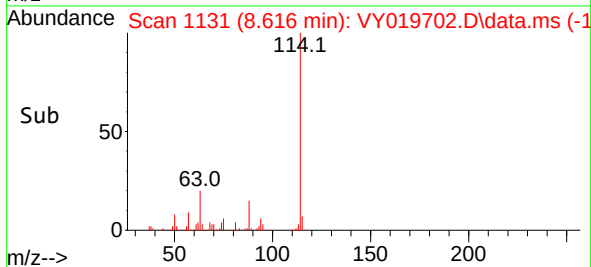
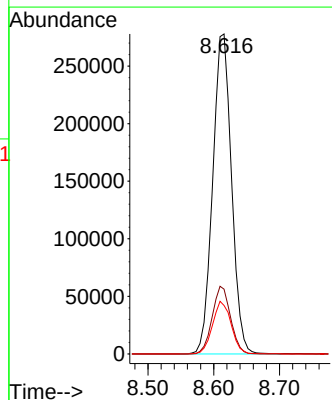
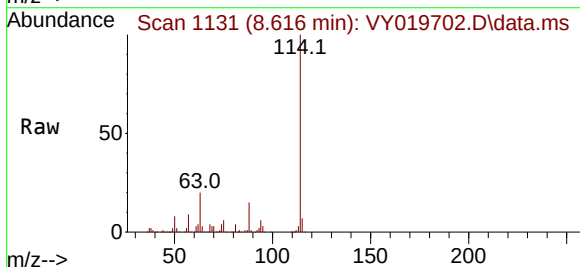
Tgt Ion: 114 Resp: 553604

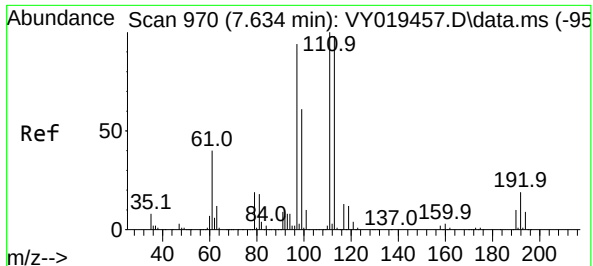
Ion Ratio Lower Upper

114 100

63 20.3 0.0 35.0

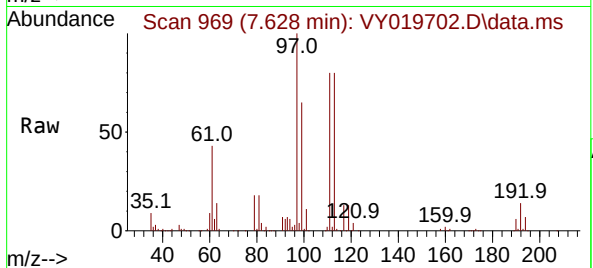
88 15.2 0.0 27.2



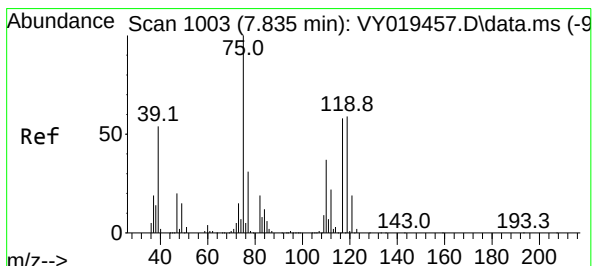
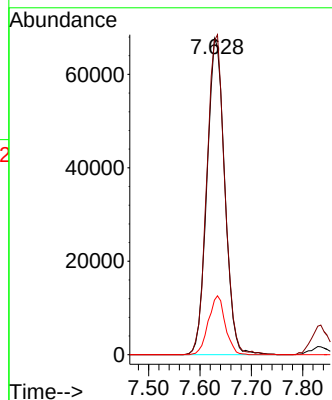
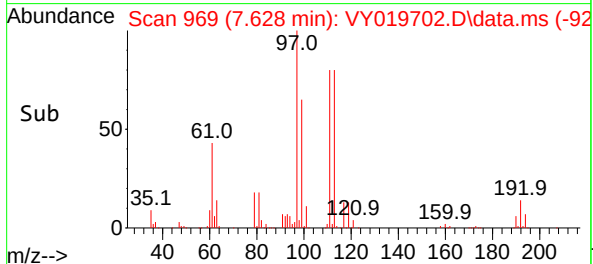


#35
Dibromofluoromethane
Concen: 51.801 ug/l
RT: 7.628 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY019702.D
Acq: 25 Sep 2024 17:57

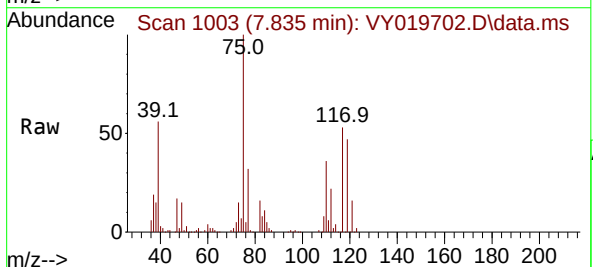
Instrument :
MSVOA_Y
ClientSampleId :



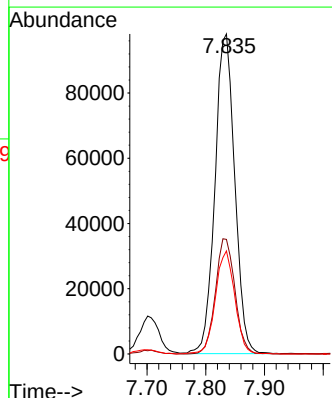
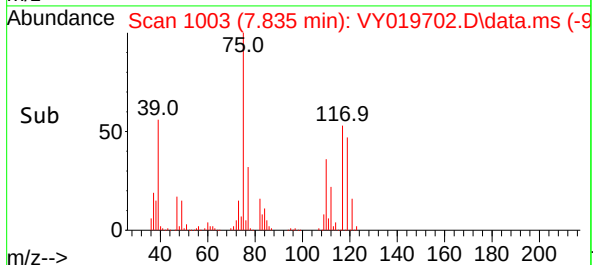
Tgt Ion:113 Resp: 162594
Ion Ratio Lower Upper
113 100
111 101.8 82.2 123.4
192 17.6 15.9 23.9

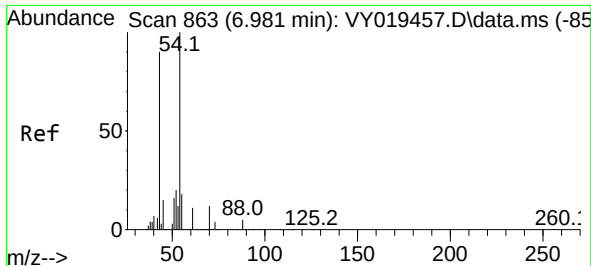


#36
1,1-Dichloropropene
Concen: 53.650 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY019702.D
Acq: 25 Sep 2024 17:57



Tgt Ion: 75 Resp: 229142
Ion Ratio Lower Upper
75 100
110 35.6 19.0 57.0
77 31.7 25.3 37.9





#37

Ethyl Acetate

Concen: 55.719 ug/l

RT: 6.982 min Scan# 80

Delta R.T. 0.000 min

Lab File: VY019702.D

Acq: 25 Sep 2024 17:57

Instrument :

MSVOA_Y

ClientSampleId :

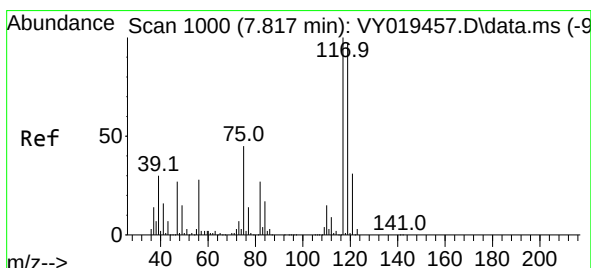
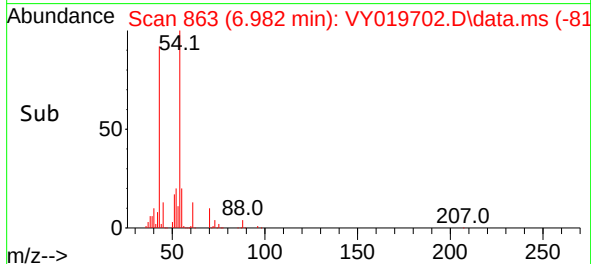
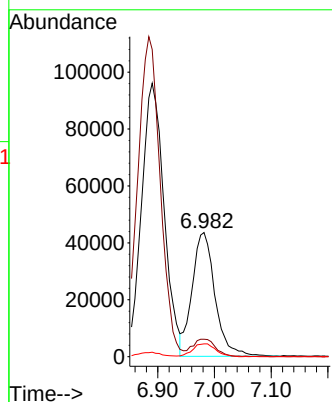
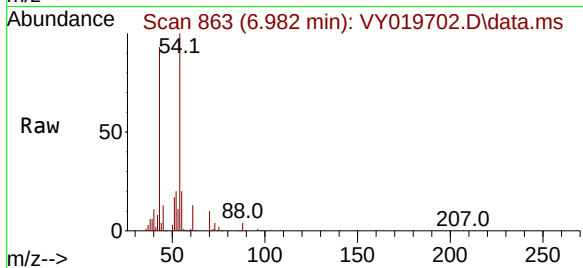
Tgt Ion: 43 Resp: 121934

Ion Ratio Lower Upper

43 100

61 14.4 12.6 19.0

70 10.6 7.8 11.8



#38

Carbon Tetrachloride

Concen: 54.958 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VY019702.D

Acq: 25 Sep 2024 17:57

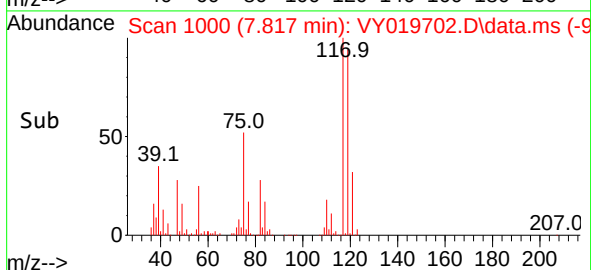
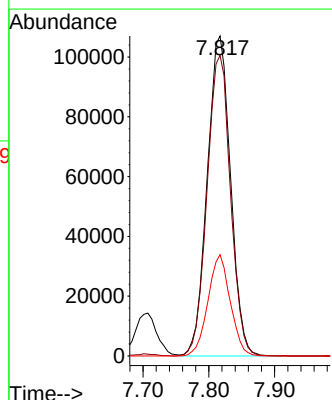
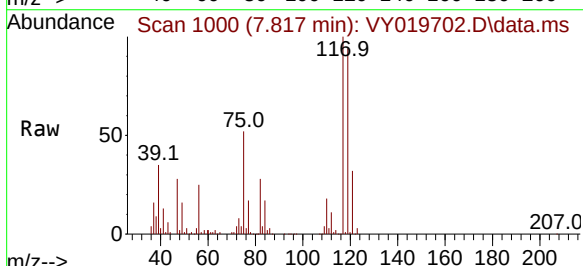
Tgt Ion: 117 Resp: 264701

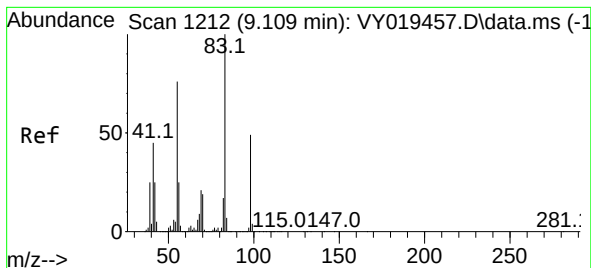
Ion Ratio Lower Upper

117 100

119 93.9 75.8 113.6

121 31.6 24.0 36.0





#39

Methylcyclohexane

Concen: 48.495 ug/l

RT: 9.109 min Scan# 1212

Delta R.T. 0.000 min

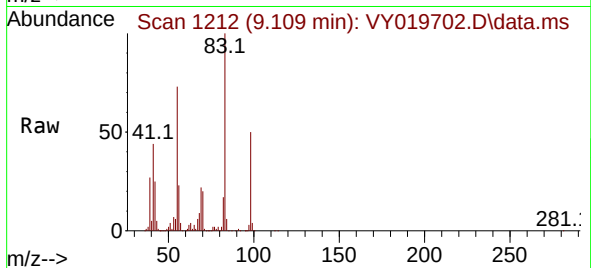
Lab File: VY019702.D

Acq: 25 Sep 2024 17:57

Instrument :

MSVOA_Y

ClientSampleId :



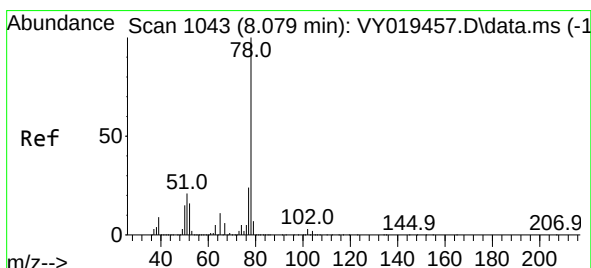
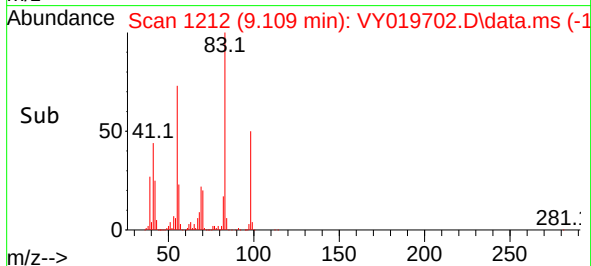
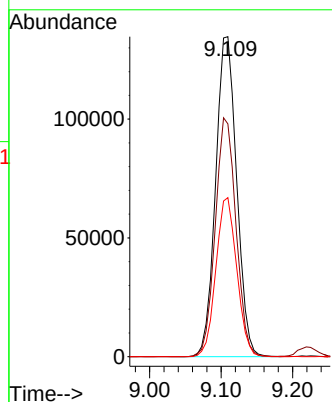
Tgt Ion: 83 Resp: 275640

Ion Ratio Lower Upper

83 100

55 72.8 51.5 77.3

98 49.7 40.5 60.7



#40

Benzene

Concen: 55.845 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VY019702.D

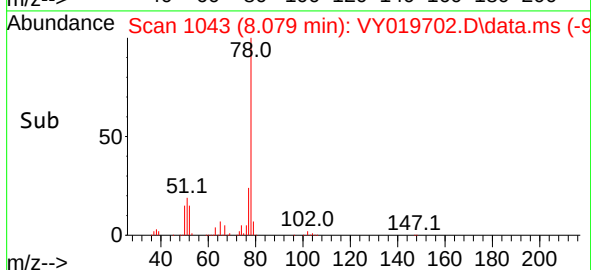
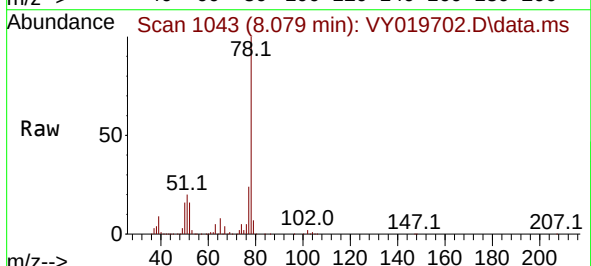
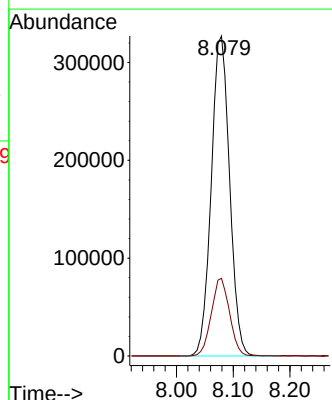
Acq: 25 Sep 2024 17:57

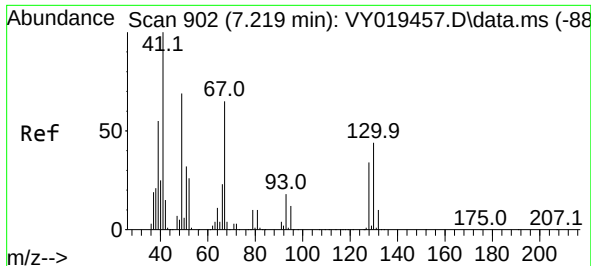
Tgt Ion: 78 Resp: 734639

Ion Ratio Lower Upper

78 100

77 24.3 19.5 29.3

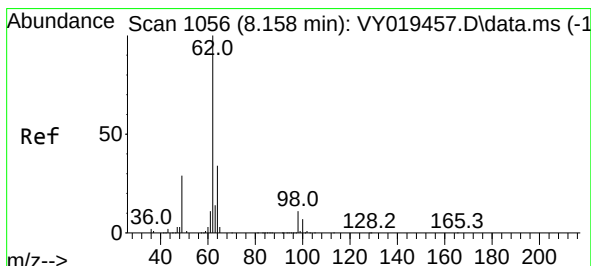
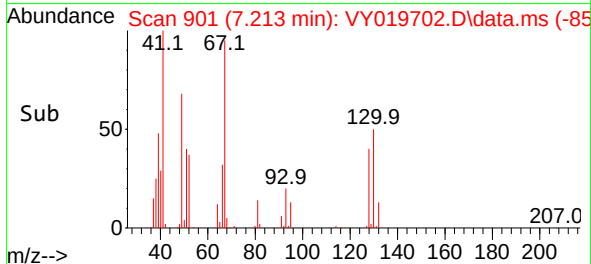
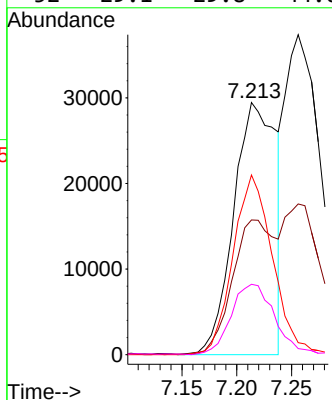
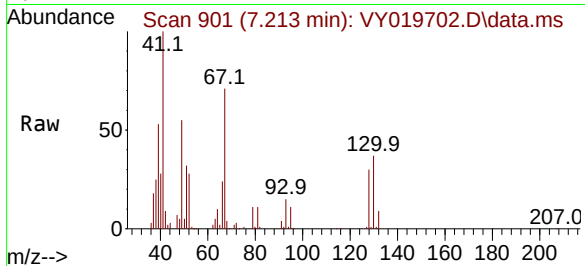




#41
Methacrylonitrile
Concen: 61.967 ug/l
RT: 7.213 min Scan# 901
Delta R.T. -0.006 min
Lab File: VY019702.D
Acq: 25 Sep 2024 17:57

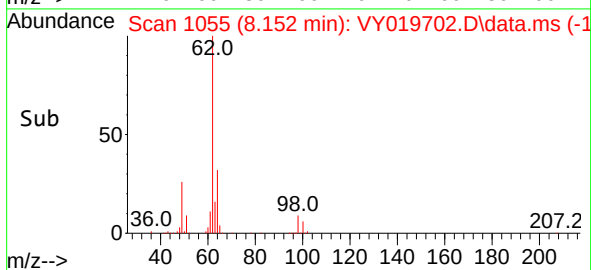
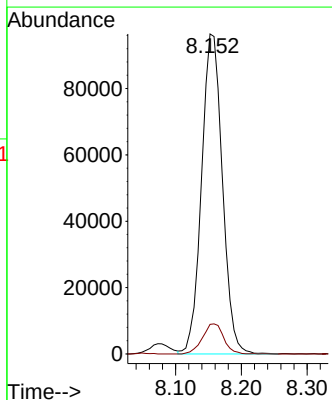
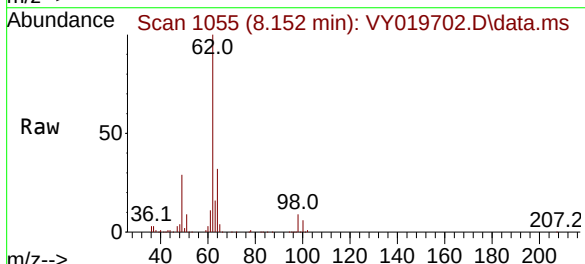
Instrument :
MSVOA_Y
ClientSampleId :

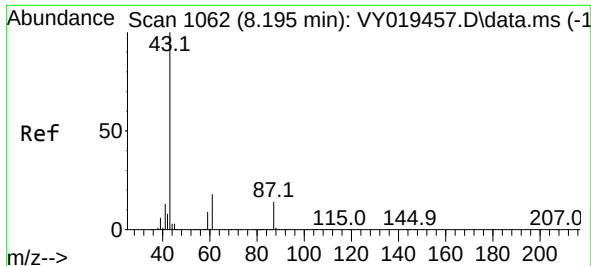
Tgt Ion: 41 Resp: 79049
Ion Ratio Lower Upper
41 100
39 54.7 48.0 72.0
67 67.2 75.1 112.7#
52 29.1 29.8 44.6#



#42
1,2-Dichloroethane
Concen: 60.139 ug/l
RT: 8.152 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VY019702.D
Acq: 25 Sep 2024 17:57

Tgt Ion: 62 Resp: 212884
Ion Ratio Lower Upper
62 100
98 9.6 0.0 22.0

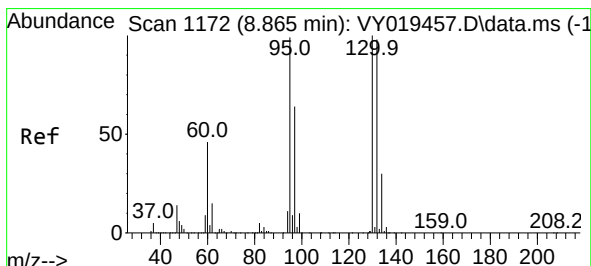
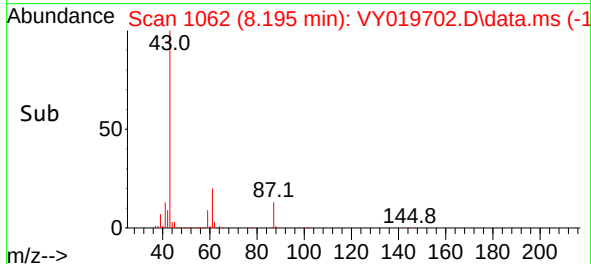
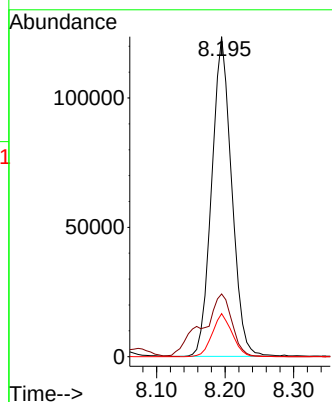
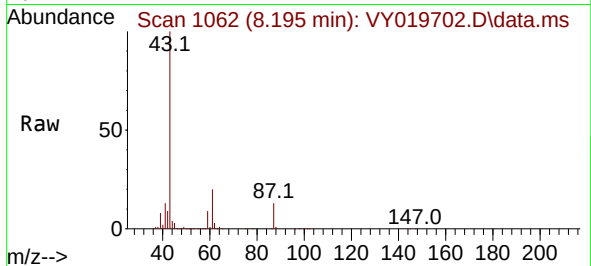




#43
Isopropyl Acetate
Concen: 54.312 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VY019702.D
Acq: 25 Sep 2024 17:57

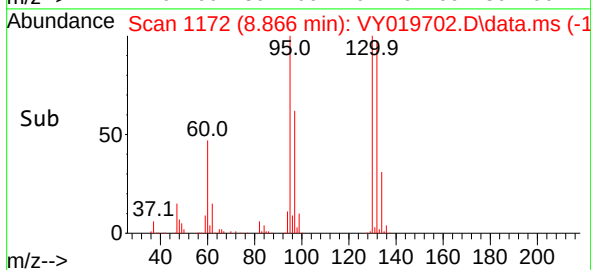
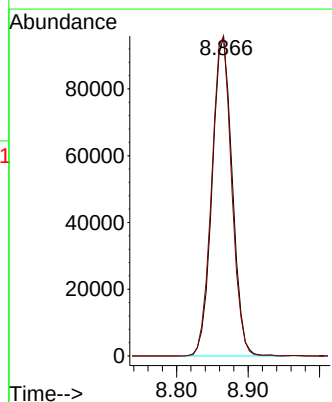
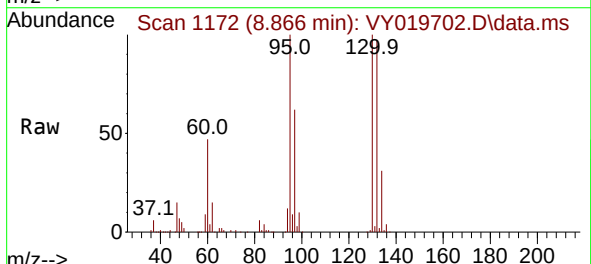
Instrument :
MSVOA_Y
ClientSampleId :

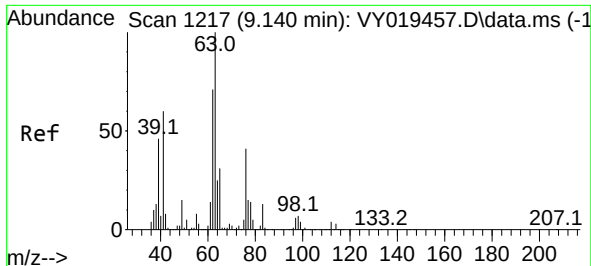
Tgt Ion: 43 Resp: 249706
Ion Ratio Lower Upper
43 100
61 19.5 27.9 41.9#
87 13.4 13.1 19.7



#44
Trichloroethene
Concen: 54.960 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY019702.D
Acq: 25 Sep 2024 17:57

Tgt Ion:130 Resp: 185943
Ion Ratio Lower Upper
130 100
95 100.3 0.0 188.0





#45

1,2-Dichloropropane

Concen: 56.039 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY019702.D

Acq: 25 Sep 2024 17:57

Instrument :

MSVOA_Y

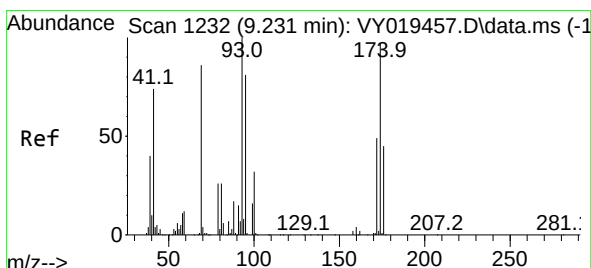
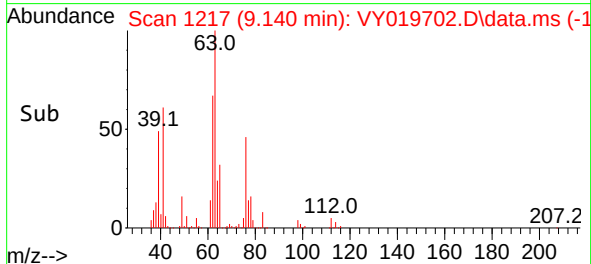
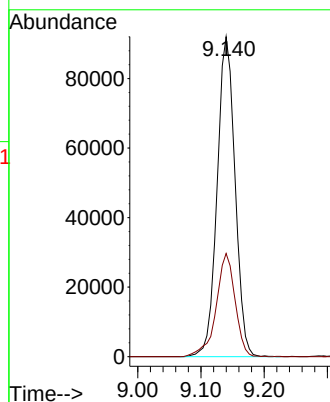
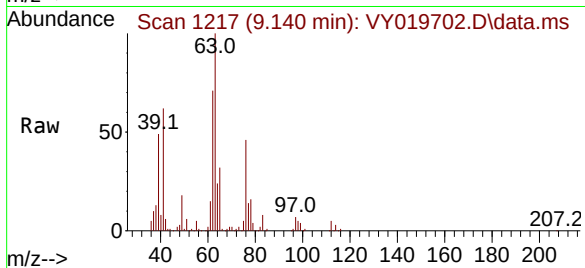
ClientSampleId :

Tgt Ion: 63 Resp: 180226

Ion Ratio Lower Upper

63 100

65 32.3 25.4 38.2



#46

Dibromomethane

Concen: 58.598 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY019702.D

Acq: 25 Sep 2024 17:57

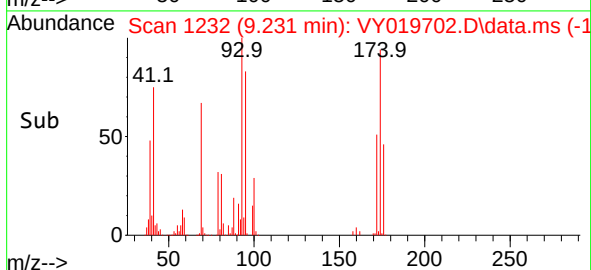
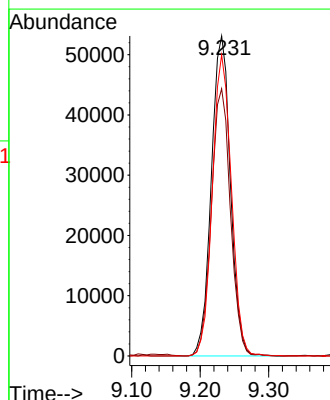
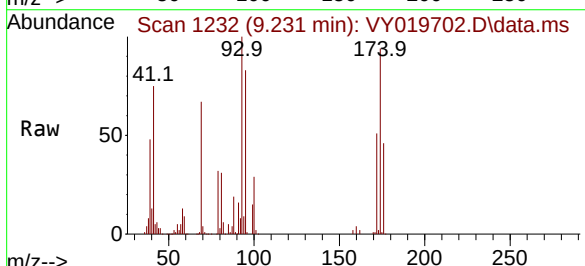
Tgt Ion: 93 Resp: 103057

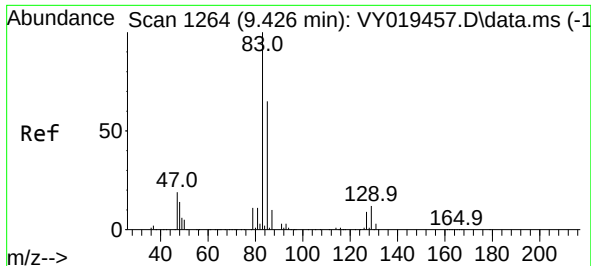
Ion Ratio Lower Upper

93 100

95 83.5 66.2 99.4

174 93.5 80.9 121.3





#47

Bromodichloromethane

Concen: 58.648 ug/l

RT: 9.420 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY019702.D

Acq: 25 Sep 2024 17:57

Instrument :

MSVOA_Y

ClientSampleId :

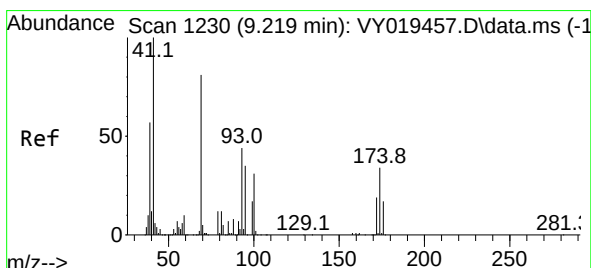
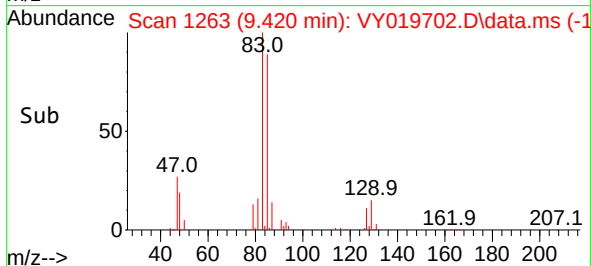
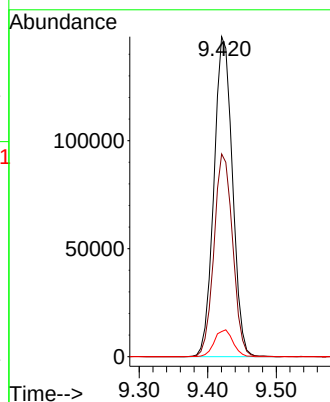
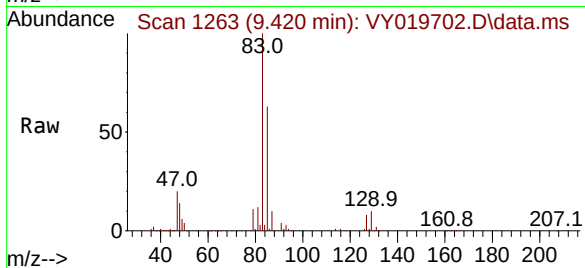
Tgt Ion: 83 Resp: 277261

Ion Ratio Lower Upper

83 100

85 63.4 50.1 75.1

127 7.8 7.4 11.0



#48

Methyl methacrylate

Concen: 53.185 ug/l

RT: 9.219 min Scan# 1230

Delta R.T. 0.000 min

Lab File: VY019702.D

Acq: 25 Sep 2024 17:57

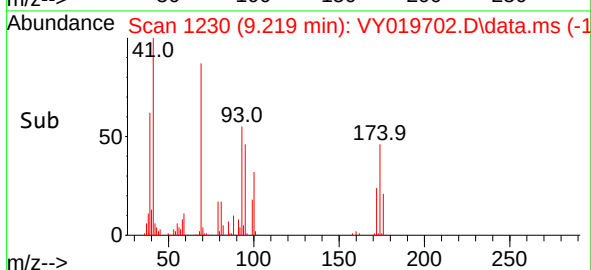
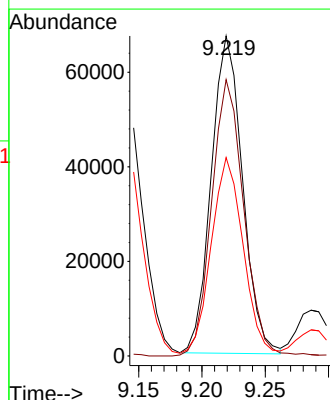
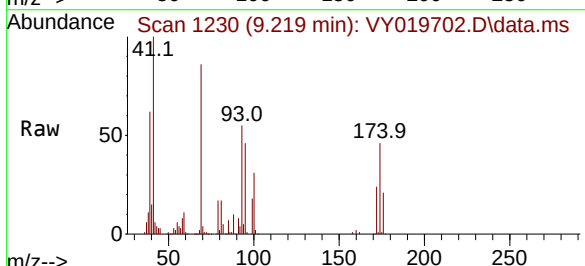
Tgt Ion: 41 Resp: 115472

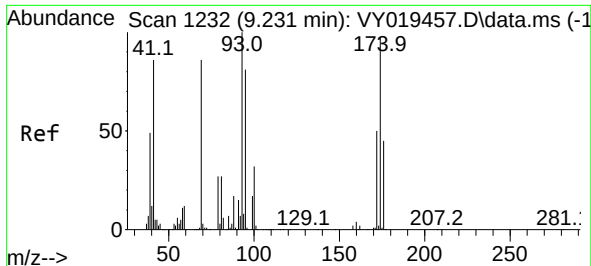
Ion Ratio Lower Upper

41 100

69 89.3 84.1 126.1

39 64.1 43.6 65.4





#49

1,4-Dioxane

Concen: 1174.220 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

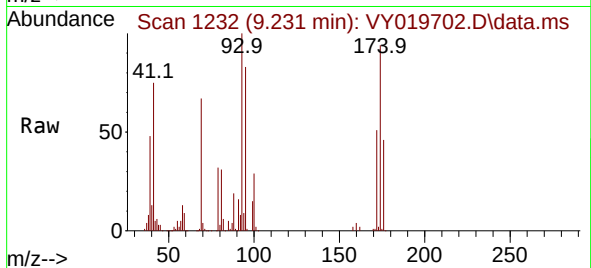
Lab File: VY019702.D

Acq: 25 Sep 2024 17:57

Instrument :

MSVOA_Y

ClientSampleId :



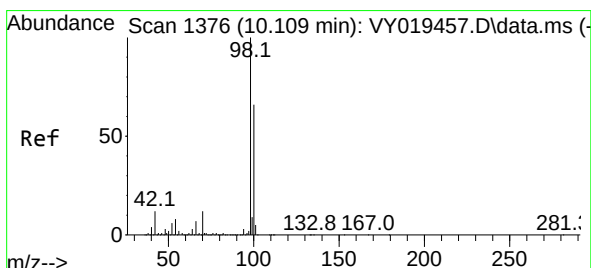
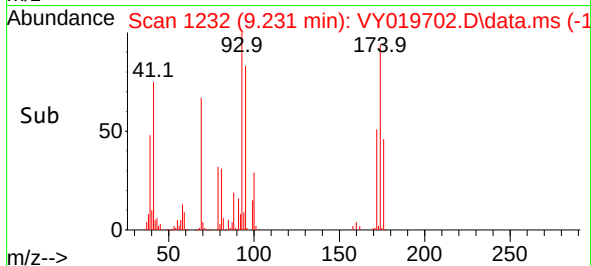
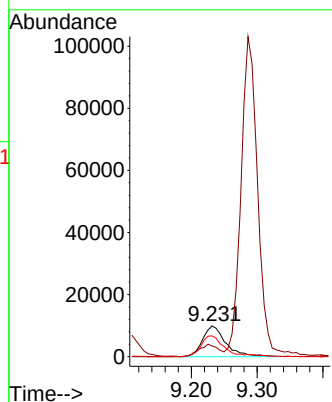
Tgt Ion: 88 Resp: 24311

Ion Ratio Lower Upper

88 100

43 33.9 0.0 0.0#

58 70.1 49.3 73.9



#50

Toluene-d8

Concen: 49.646 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY019702.D

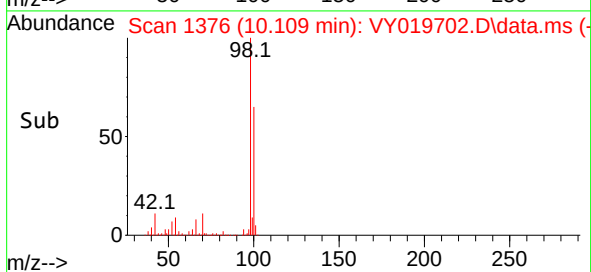
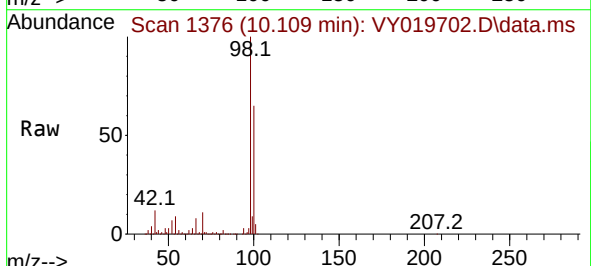
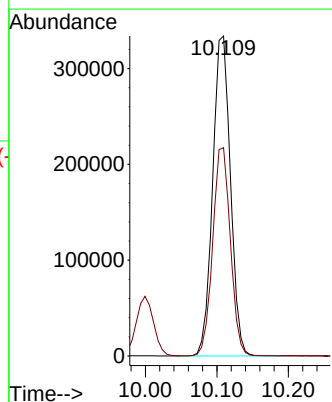
Acq: 25 Sep 2024 17:57

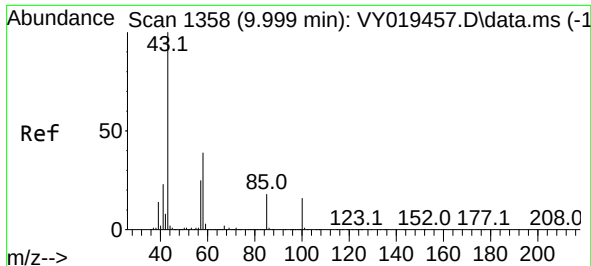
Tgt Ion: 98 Resp: 576377

Ion Ratio Lower Upper

98 100

100 64.9 52.0 78.0

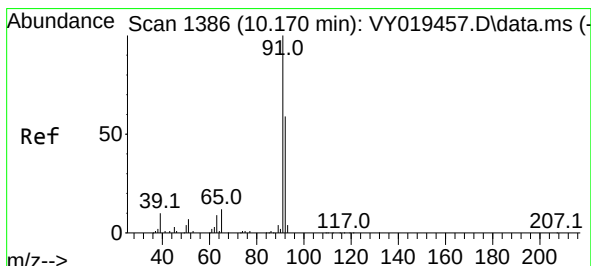
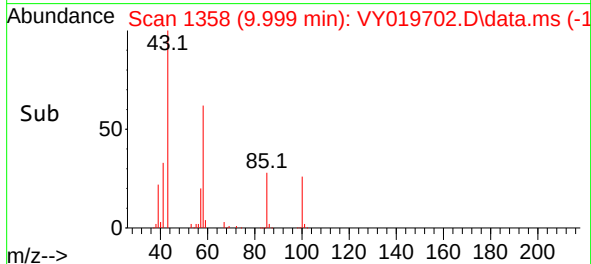
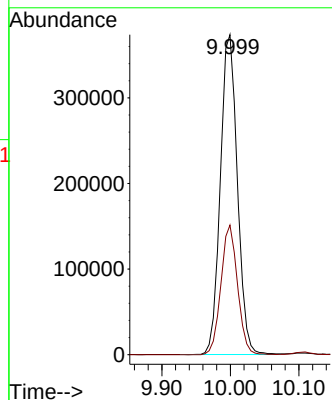
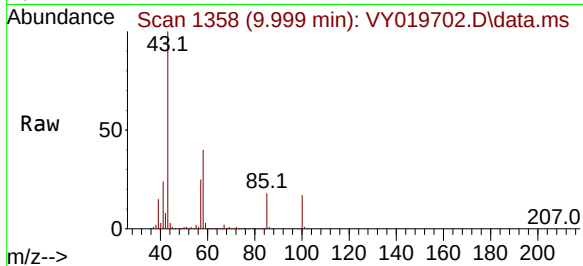




#51
4-Methyl-2-Pentanone
Concen: 277.851 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY019702.D
Acq: 25 Sep 2024 17:57

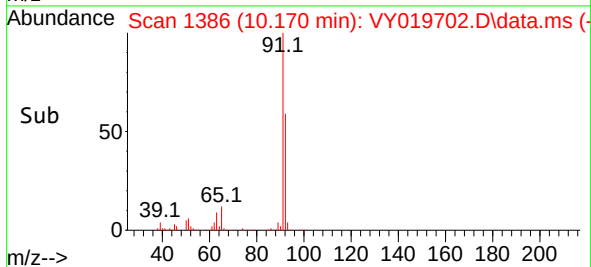
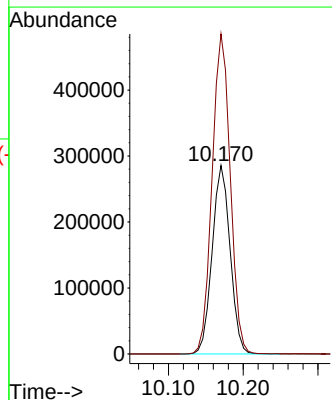
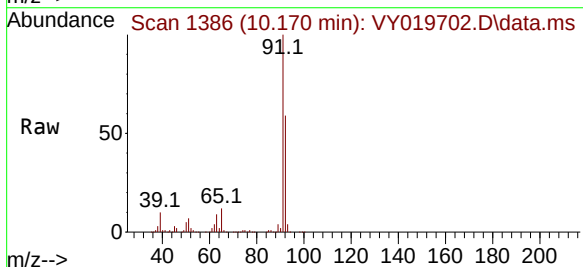
Instrument :
MSVOA_Y
ClientSampleId :

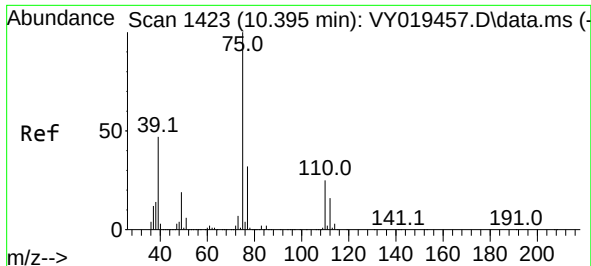
Tgt Ion: 43 Resp: 642676
Ion Ratio Lower Upper
43 100
58 39.5 35.7 53.5



#52
Toluene
Concen: 56.287 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY019702.D
Acq: 25 Sep 2024 17:57

Tgt Ion: 92 Resp: 476219
Ion Ratio Lower Upper
92 100
91 172.0 139.0 208.6

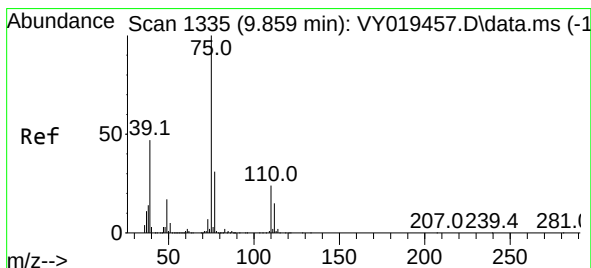
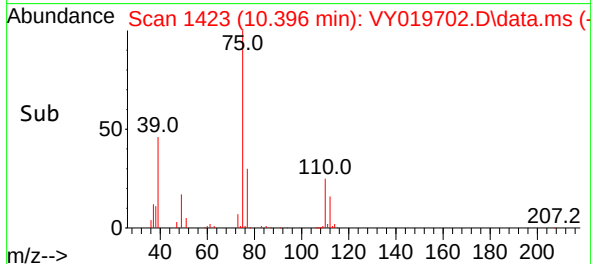
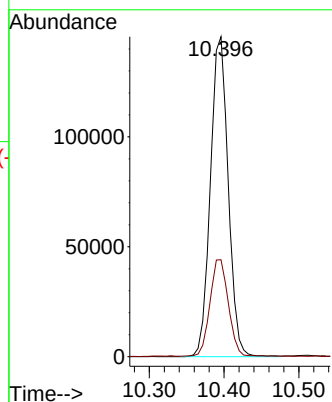
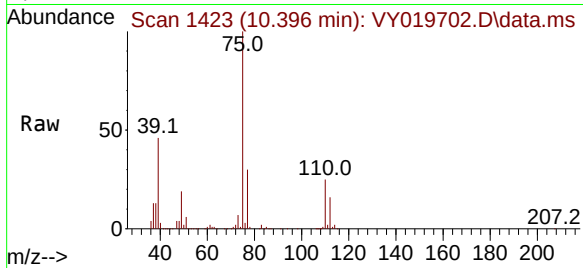




#53
 t-1,3-Dichloropropene
 Concen: 53.400 ug/l
 RT: 10.396 min Scan# 1423
 Delta R.T. 0.000 min
 Lab File: VY019702.D
 Acq: 25 Sep 2024 17:57

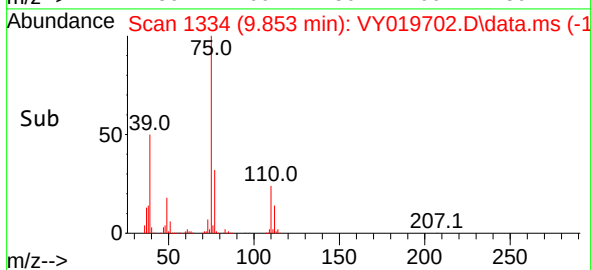
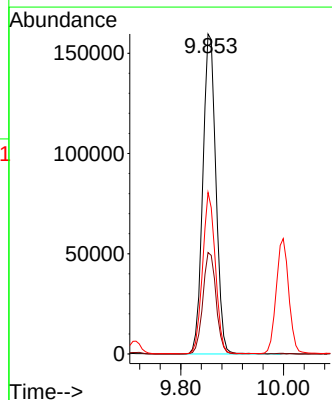
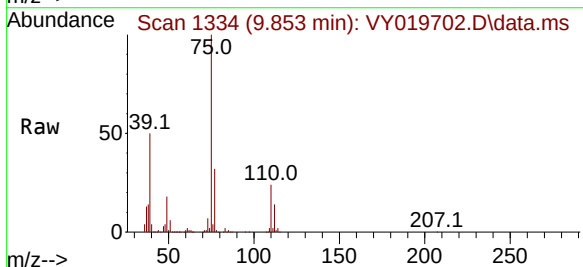
Instrument :
 MSVOA_Y
 ClientSampleId :

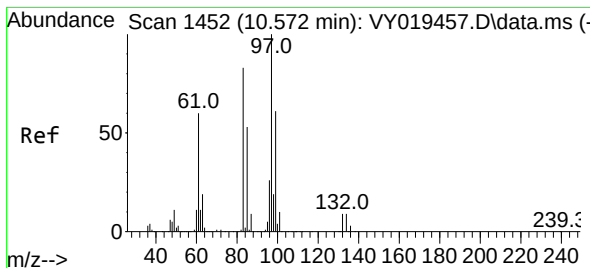
Tgt Ion: 75 Resp: 240652
 Ion Ratio Lower Upper
 75 100
 77 30.1 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 53.634 ug/l
 RT: 9.853 min Scan# 1334
 Delta R.T. -0.006 min
 Lab File: VY019702.D
 Acq: 25 Sep 2024 17:57

Tgt Ion: 75 Resp: 281450
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.4 38.0
 39 50.4 29.8 44.6#





#55

1,1,2-Trichloroethane

Concen: 59.286 ug/l

RT: 10.573 min Scan# 1452

Delta R.T. 0.000 min

Lab File: VY019702.D

Acq: 25 Sep 2024 17:57

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 143990

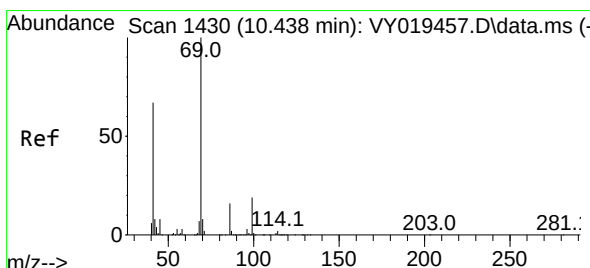
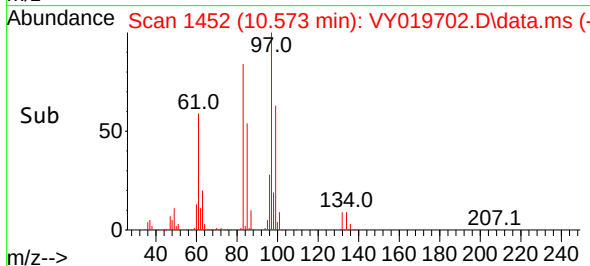
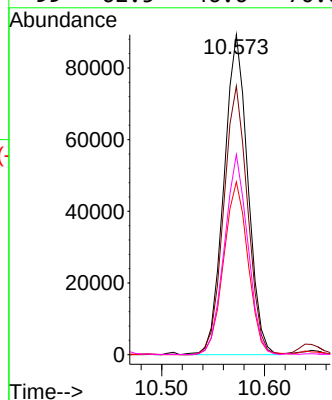
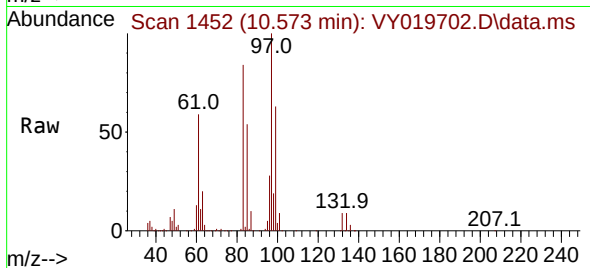
Ion Ratio Lower Upper

97 100

83 83.9 67.5 101.3

85 54.0 42.9 64.3

99 62.5 46.6 70.0



#56

Ethyl methacrylate

Concen: 55.897 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VY019702.D

Acq: 25 Sep 2024 17:57

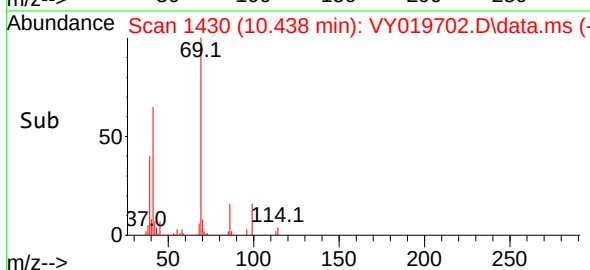
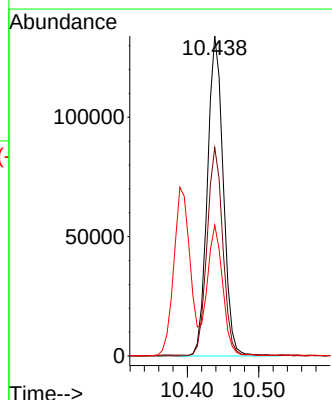
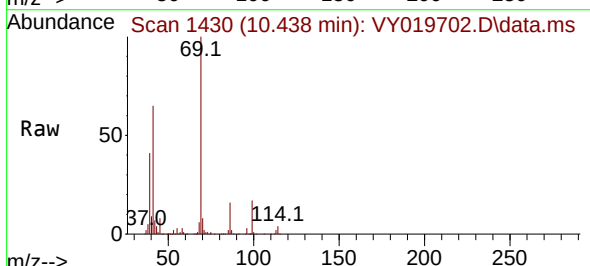
Tgt Ion: 69 Resp: 206226

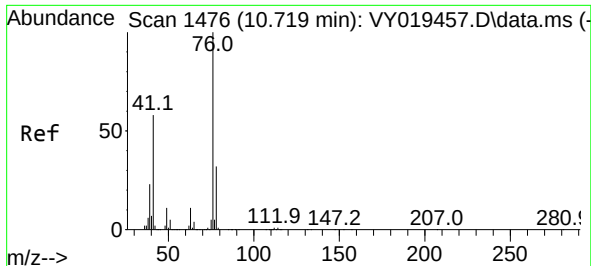
Ion Ratio Lower Upper

69 100

41 64.1 42.3 63.5#

39 40.2 22.9 34.3#





#57

1,3-Dichloropropane

Concen: 57.908 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY019702.D

Acq: 25 Sep 2024 17:57

Instrument :

MSVOA_Y

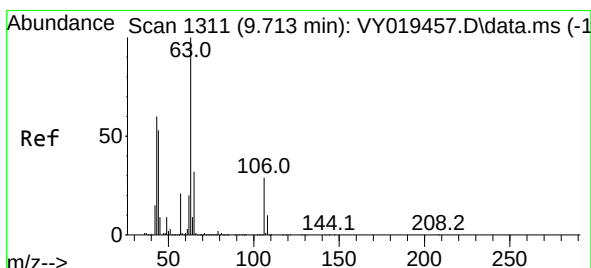
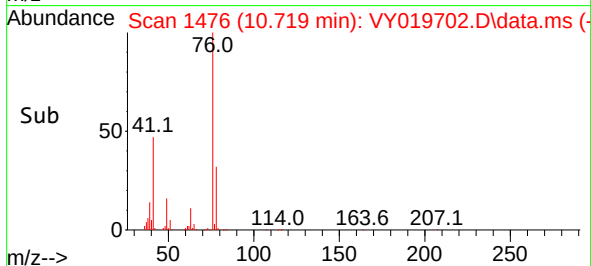
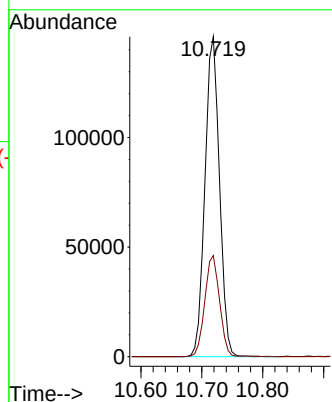
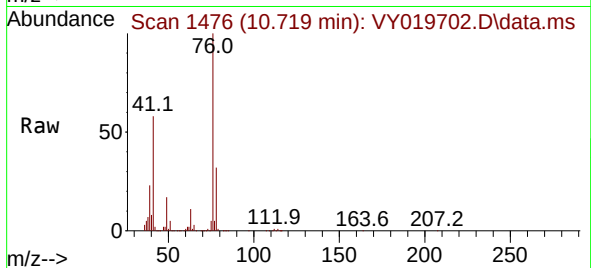
ClientSampleId :

Tgt Ion: 76 Resp: 241756

Ion Ratio Lower Upper

76 100

78 32.2 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 290.957 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY019702.D

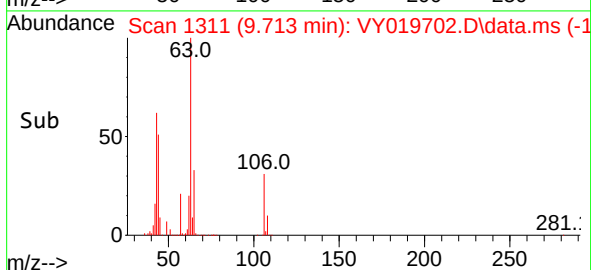
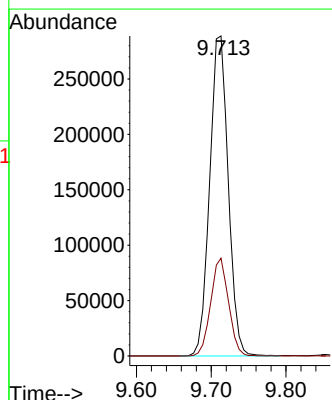
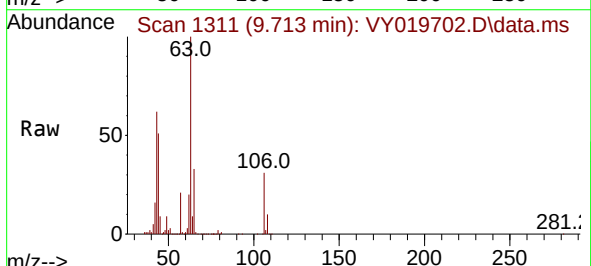
Acq: 25 Sep 2024 17:57

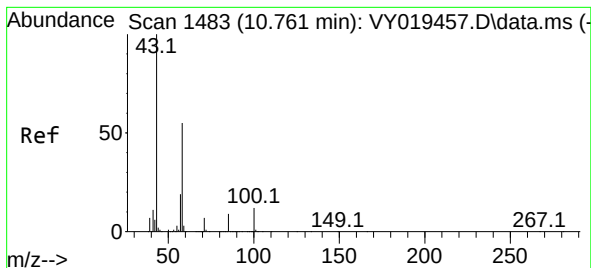
Tgt Ion: 63 Resp: 498220

Ion Ratio Lower Upper

63 100

106 29.3 23.7 35.5

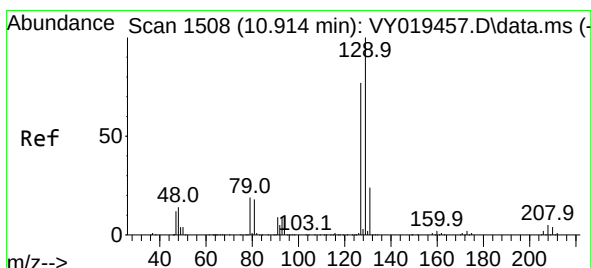
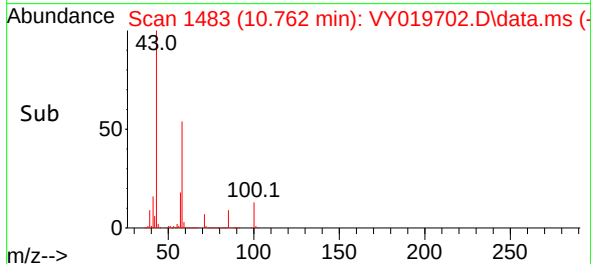
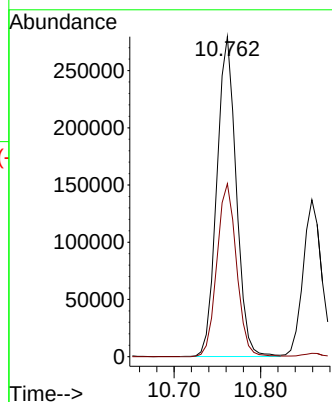
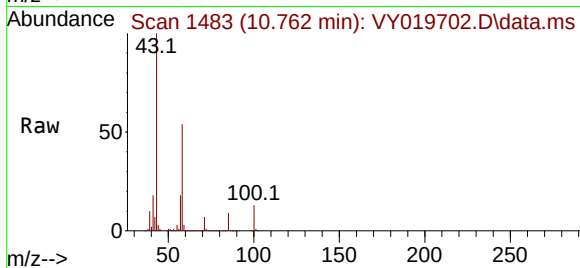




#59
2-Hexanone
Concen: 256.141 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY019702.D
Acq: 25 Sep 2024 17:57

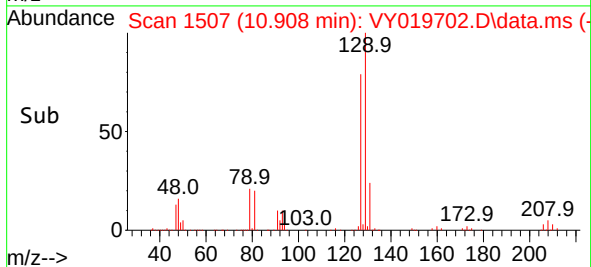
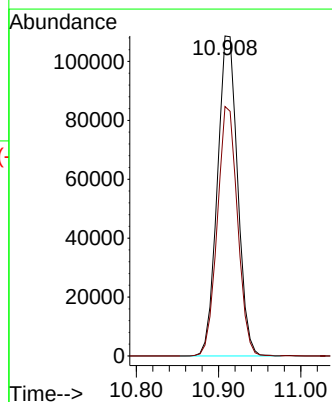
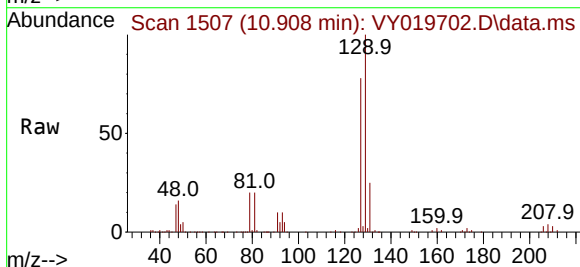
Instrument :
MSVOA_Y
ClientSampleId :

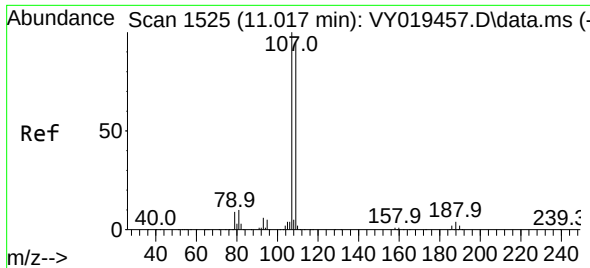
Tgt Ion: 43 Resp: 434351
Ion Ratio Lower Upper
43 100
58 54.8 31.4 94.0



#60
Dibromochloromethane
Concen: 57.794 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.006 min
Lab File: VY019702.D
Acq: 25 Sep 2024 17:57

Tgt Ion:129 Resp: 185679
Ion Ratio Lower Upper
129 100
127 77.7 39.0 117.0

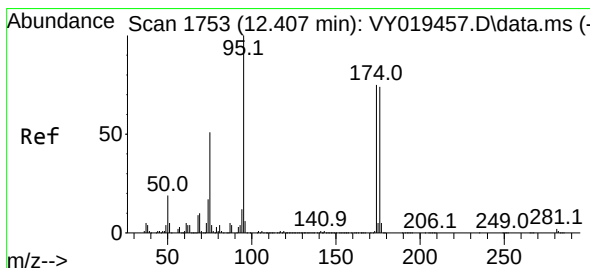
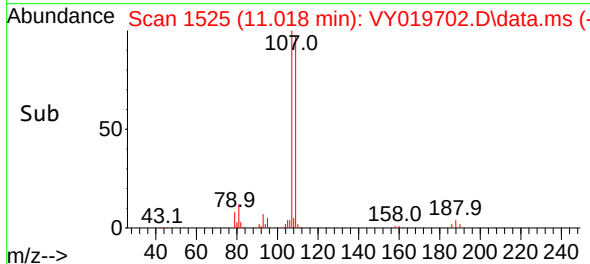
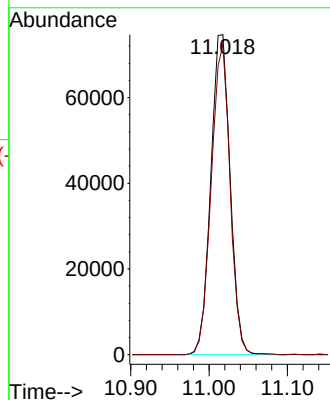
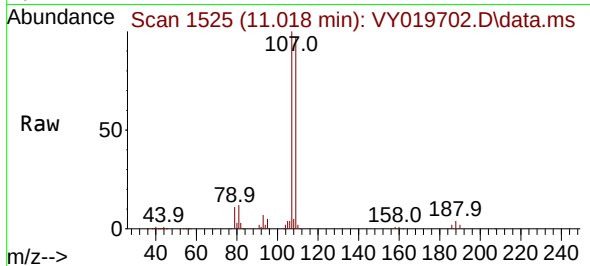




#61
1,2-Dibromoethane
Concen: 56.713 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VY019702.D
Acq: 25 Sep 2024 17:57

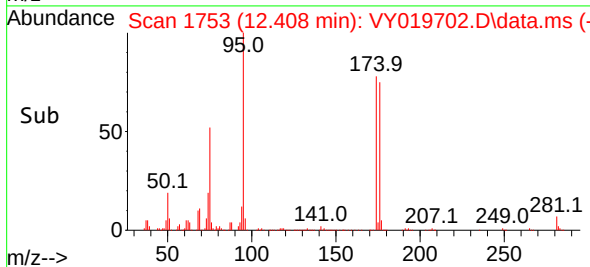
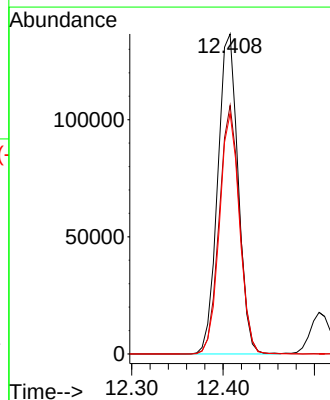
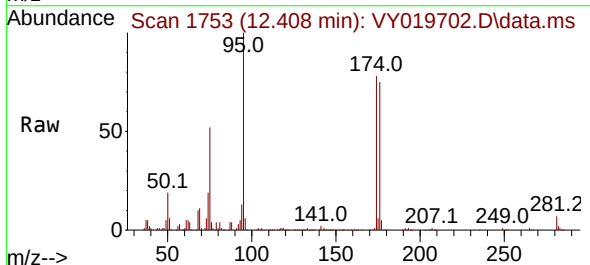
Instrument :
MSVOA_Y
ClientSampleId :

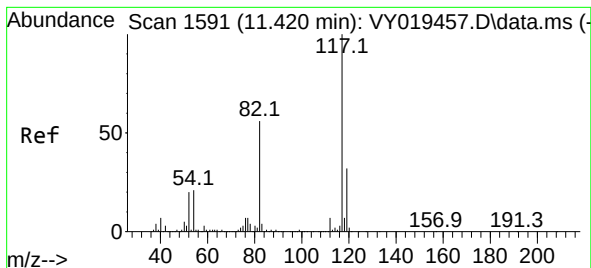
Tgt Ion:107 Resp: 128339
Ion Ratio Lower Upper
107 100
109 94.2 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 47.459 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY019702.D
Acq: 25 Sep 2024 17:57

Tgt Ion: 95 Resp: 211858
Ion Ratio Lower Upper
95 100
174 77.5 0.0 175.6
176 73.8 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY019702.D

Acq: 25 Sep 2024 17:57

Instrument :

MSVOA_Y

ClientSampleId :

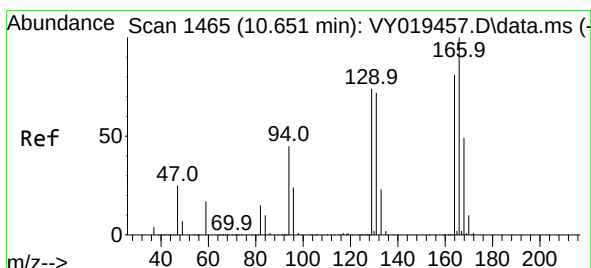
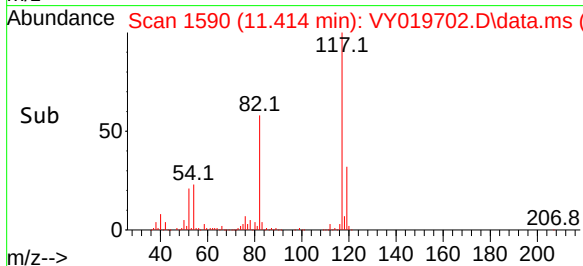
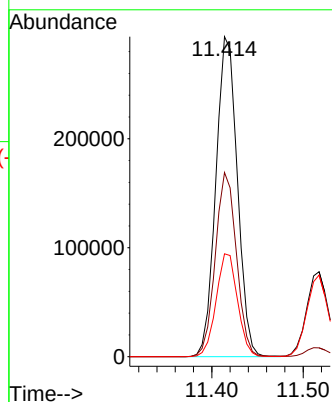
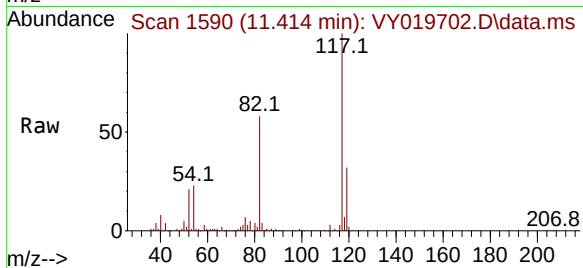
Tgt Ion:117 Resp: 480546

Ion Ratio Lower Upper

117 100

82 57.5 42.4 63.6

119 32.2 25.9 38.9



#64

Tetrachloroethene

Concen: 59.601 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VY019702.D

Acq: 25 Sep 2024 17:57

Tgt Ion:164 Resp: 177359

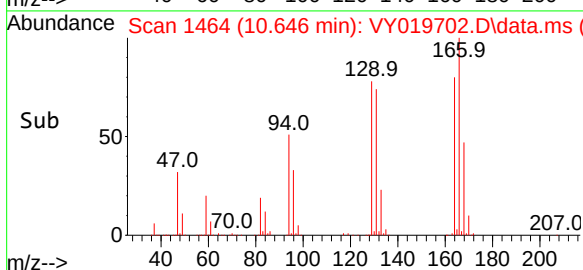
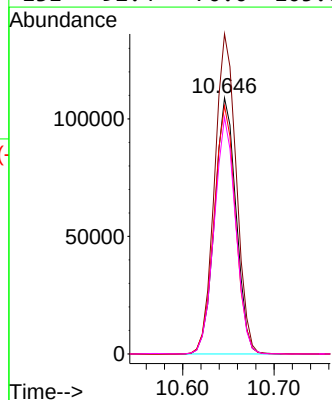
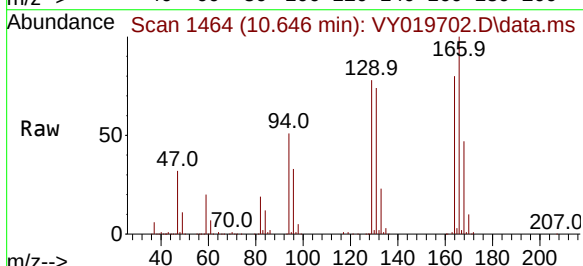
Ion Ratio Lower Upper

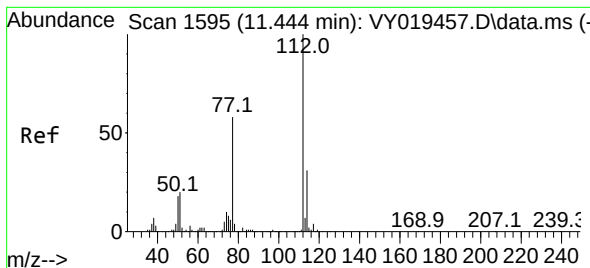
164 100

166 125.0 102.6 154.0

129 96.9 72.0 108.0

131 92.4 70.0 105.0





#65

Chlorobenzene

Concen: 55.989 ug/l

RT: 11.444 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019702.D

Acq: 25 Sep 2024 17:57

Instrument :

MSVOA_Y

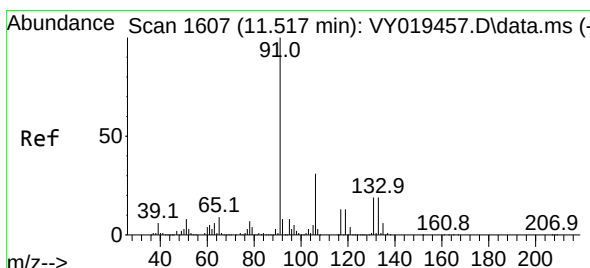
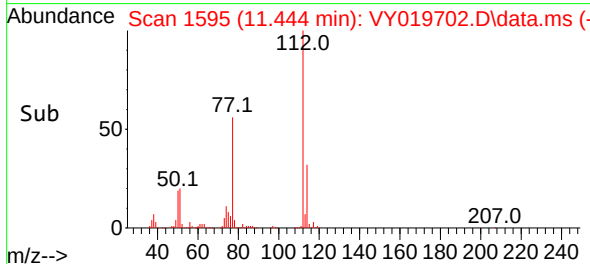
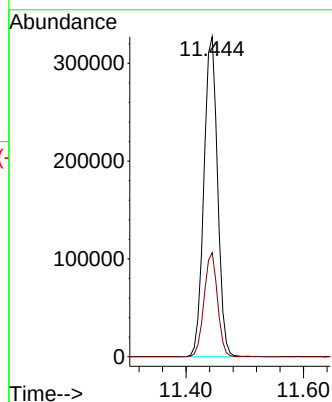
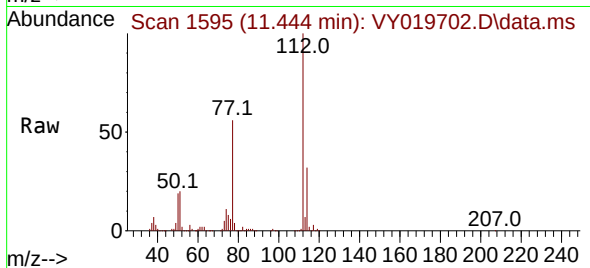
ClientSampleId :

Tgt Ion:112 Resp: 529241

Ion Ratio Lower Upper

112 100

114 32.5 26.4 39.6



#66

1,1,1,2-Tetrachloroethane

Concen: 56.407 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY019702.D

Acq: 25 Sep 2024 17:57

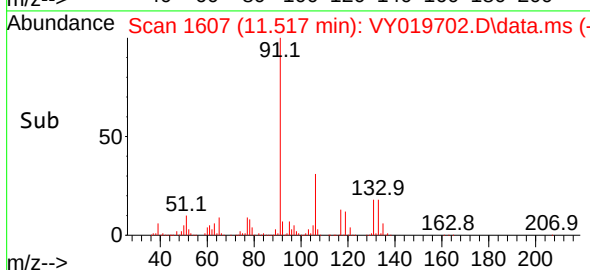
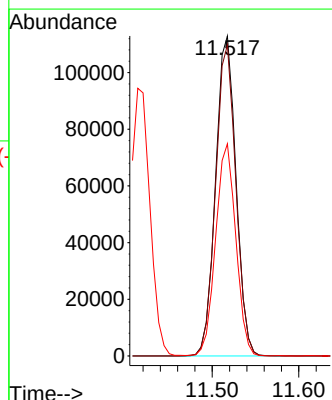
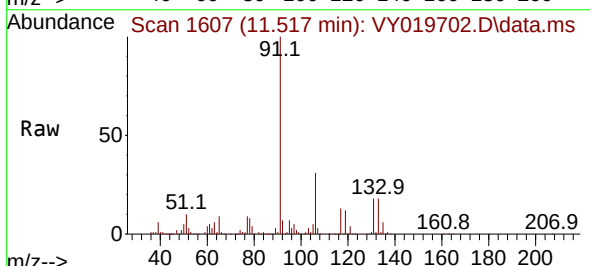
Tgt Ion:131 Resp: 184610

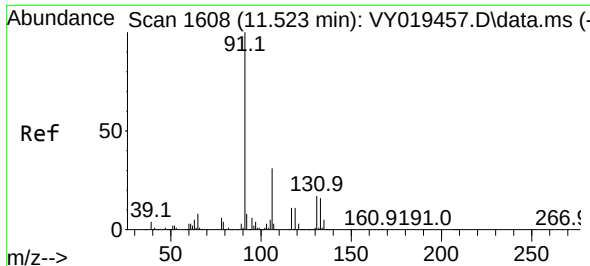
Ion Ratio Lower Upper

131 100

133 96.8 47.8 143.3

119 65.7 34.1 102.2





#67

Ethyl Benzene

Concen: 55.818 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. -0.006 min

Lab File: VY019702.D

Acq: 25 Sep 2024 17:57

Instrument :

MSVOA_Y

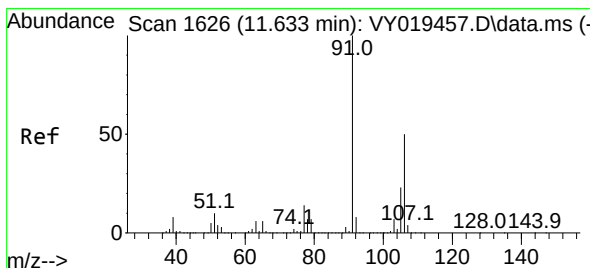
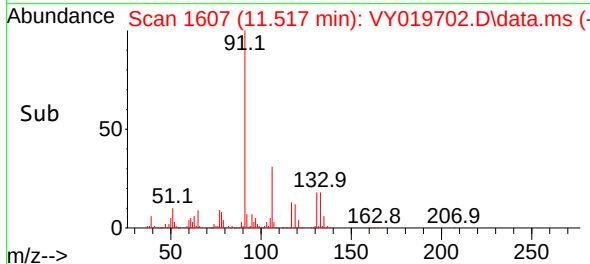
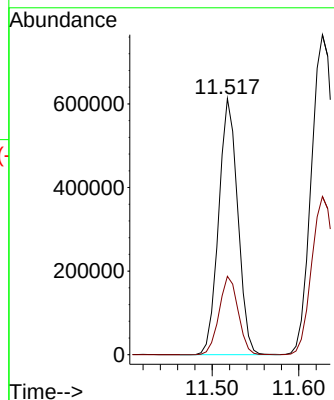
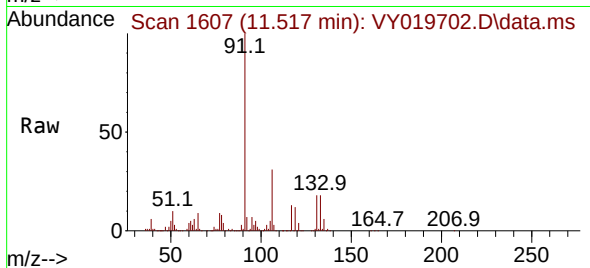
ClientSampleId :

Tgt Ion: 91 Resp: 937499

Ion Ratio Lower Upper

91 100

106 30.6 24.5 36.7



#68

m/p-Xylenes

Concen: 109.732 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY019702.D

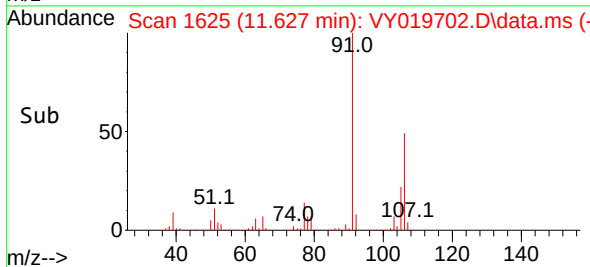
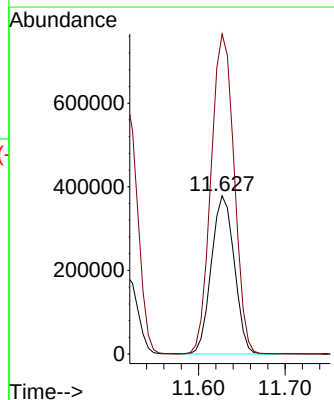
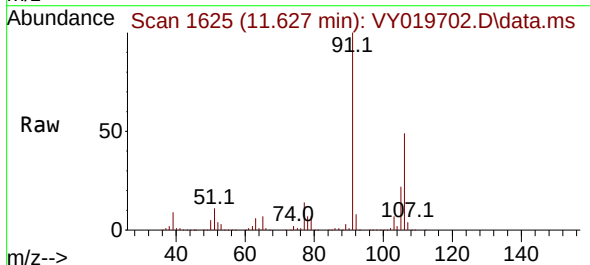
Acq: 25 Sep 2024 17:57

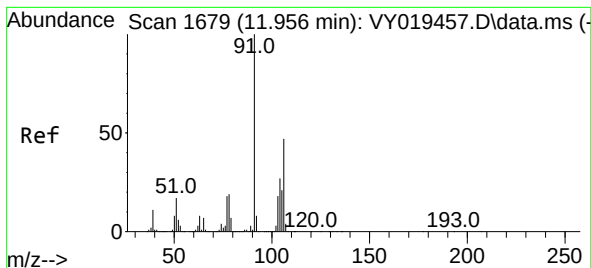
Tgt Ion:106 Resp: 696895

Ion Ratio Lower Upper

106 100

91 204.2 156.0 234.0





#69

o-Xylene

Concen: 55.074 ug/l

RT: 11.956 min Scan# 1679

Delta R.T. 0.000 min

Lab File: VY019702.D

Acq: 25 Sep 2024 17:57

Instrument :

MSVOA_Y

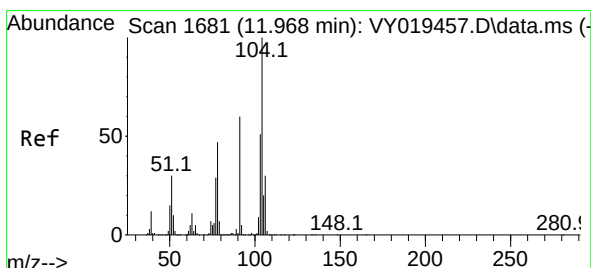
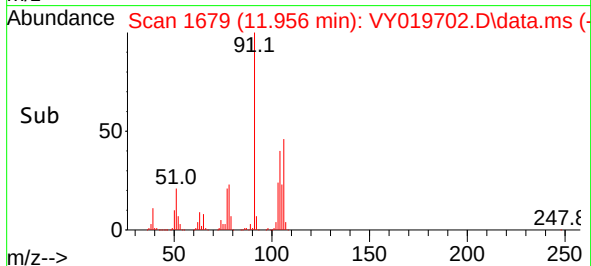
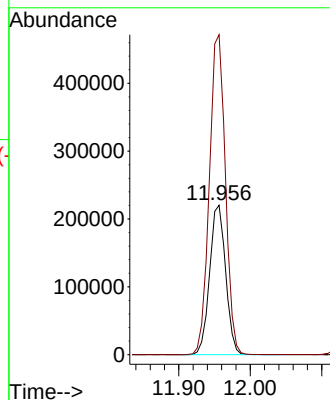
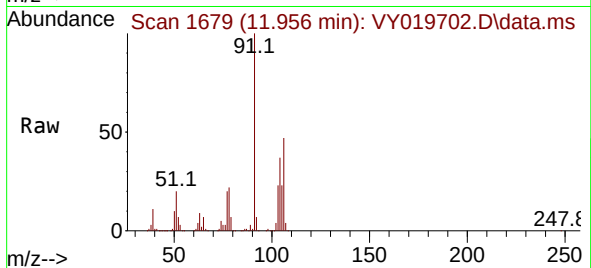
ClientSampleId :

Tgt Ion:106 Resp: 342064

Ion Ratio Lower Upper

106 100

91 214.8 103.6 310.8



#70

Styrene

Concen: 55.839 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. 0.000 min

Lab File: VY019702.D

Acq: 25 Sep 2024 17:57

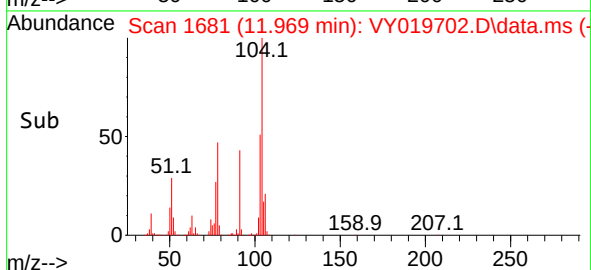
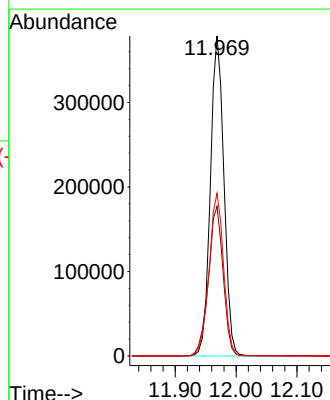
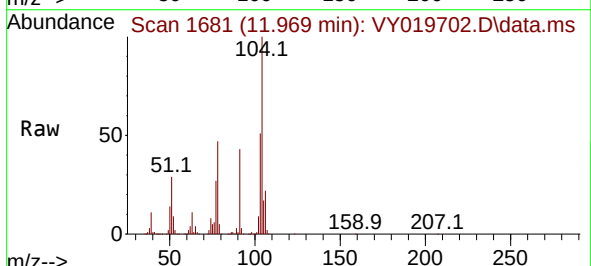
Tgt Ion:104 Resp: 585551

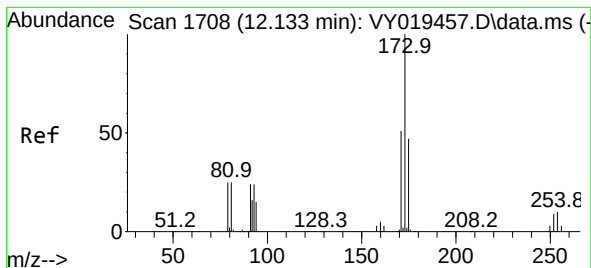
Ion Ratio Lower Upper

104 100

78 50.7 37.0 55.4

103 54.6 44.2 66.2





#71

Bromoform

Concen: 55.304 ug/l

RT: 12.133 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019702.D

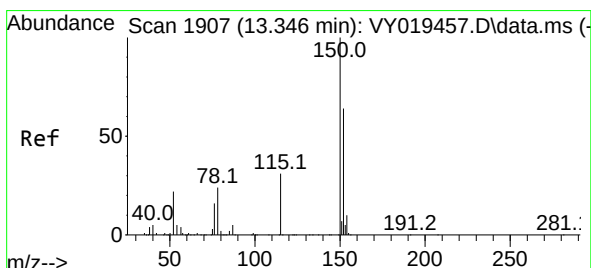
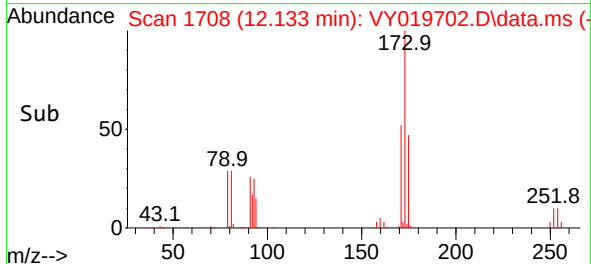
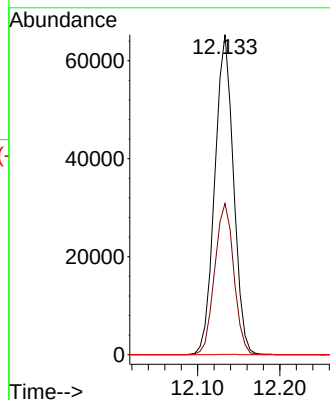
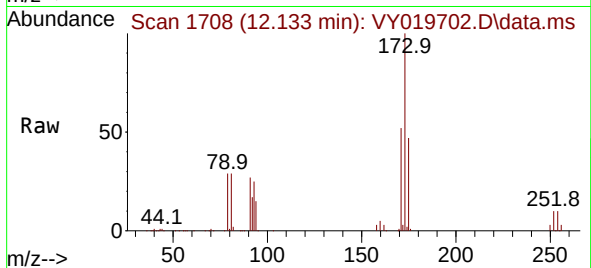
Acq: 25 Sep 2024 17:57

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:173 Resp: 103381
 Ion Ratio Lower Upper
 173 100
 175 48.3 25.1 75.3
 254 0.1 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

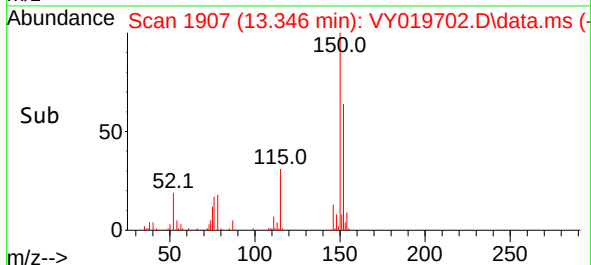
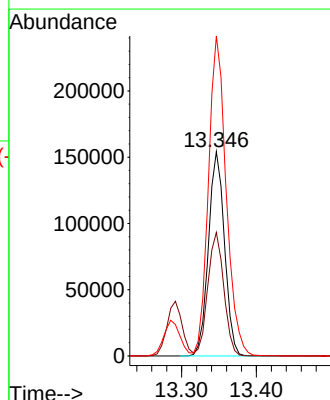
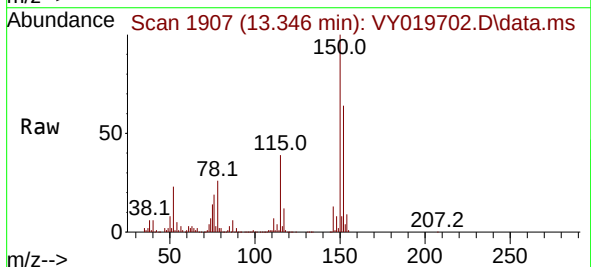
RT: 13.346 min Scan# 1907

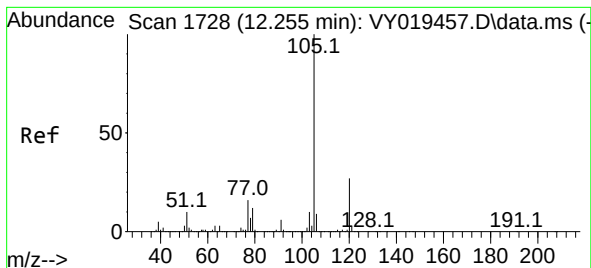
Delta R.T. 0.000 min

Lab File: VY019702.D

Acq: 25 Sep 2024 17:57

Tgt Ion:152 Resp: 229758
 Ion Ratio Lower Upper
 152 100
 115 60.1 28.2 84.7
 150 172.7 0.0 345.6





#73

Isopropylbenzene

Concen: 54.098 ug/l

RT: 12.255 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019702.D

Acq: 25 Sep 2024 17:57

Instrument :

MSVOA_Y

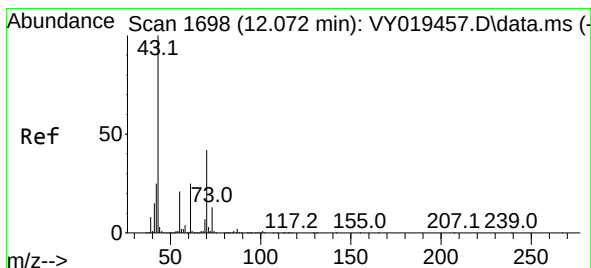
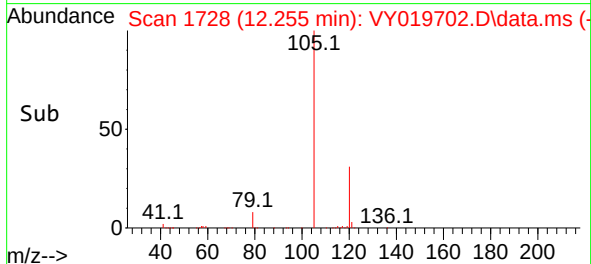
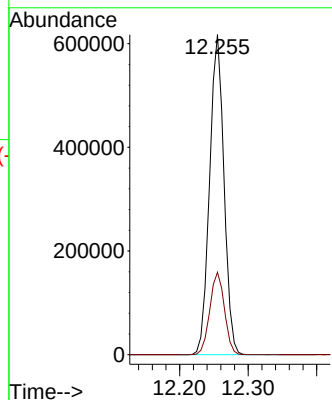
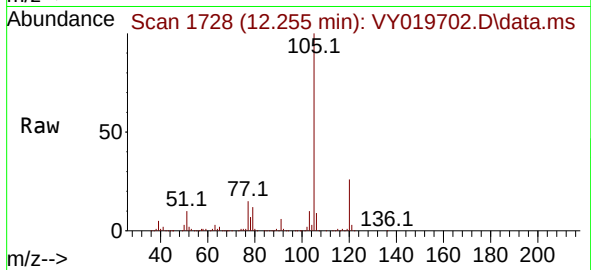
ClientSampleId :

Tgt Ion:105 Resp: 901722

Ion Ratio Lower Upper

105 100

120 26.2 13.4 40.1



#74

N-ethyl acetate

Concen: 48.843 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VY019702.D

Acq: 25 Sep 2024 17:57

Tgt Ion: 43 Resp: 221414

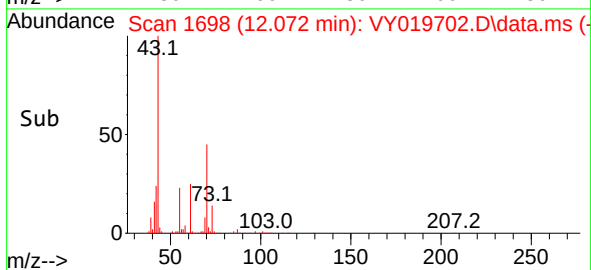
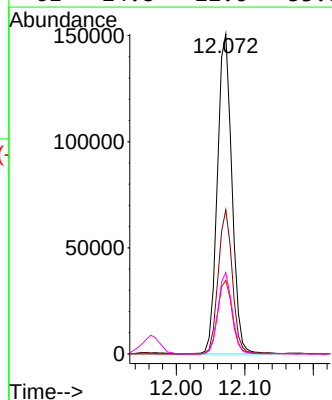
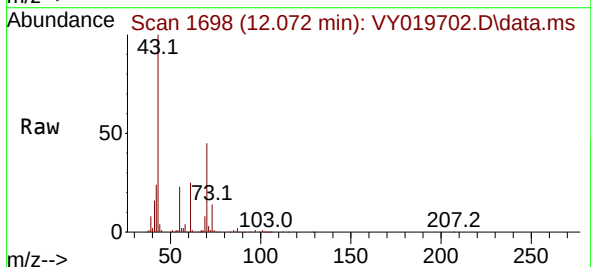
Ion Ratio Lower Upper

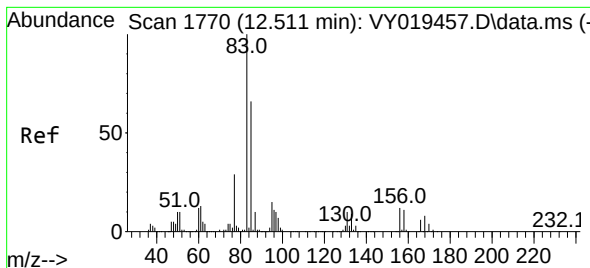
43 100

70 43.9 41.4 62.2

55 23.1 23.3 34.9#

61 24.8 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 55.558 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. -0.006 min

Lab File: VY019702.D

Acq: 25 Sep 2024 17:57

Instrument :

MSVOA_Y

ClientSampleId :

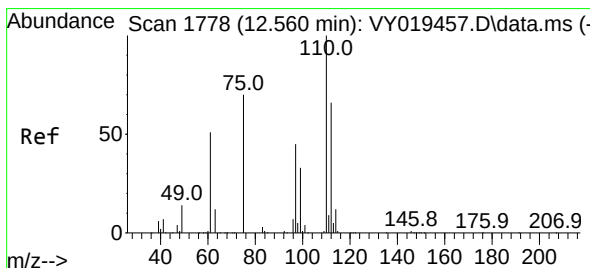
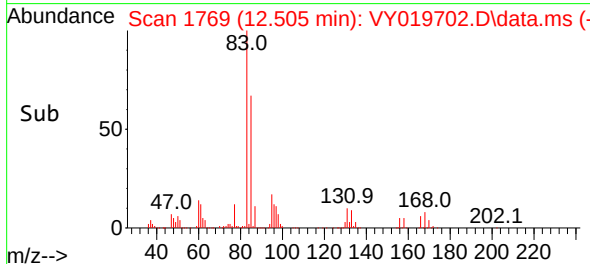
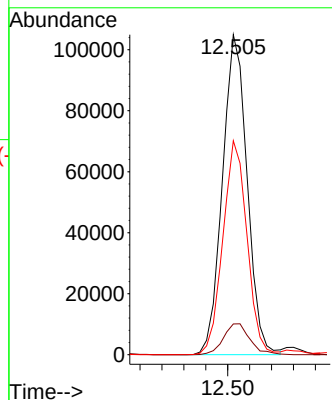
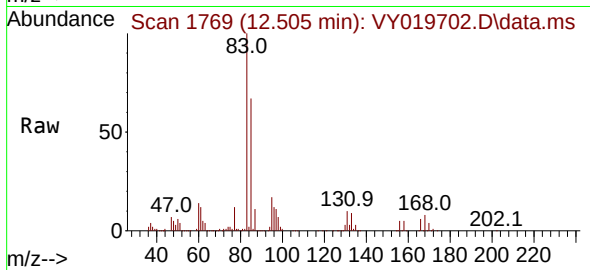
Tgt Ion: 83 Resp: 164369

Ion Ratio Lower Upper

83 100

131 10.3 5.0 14.9

85 65.3 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 95.967 ug/l

RT: 12.560 min Scan# 1778

Delta R.T. 0.000 min

Lab File: VY019702.D

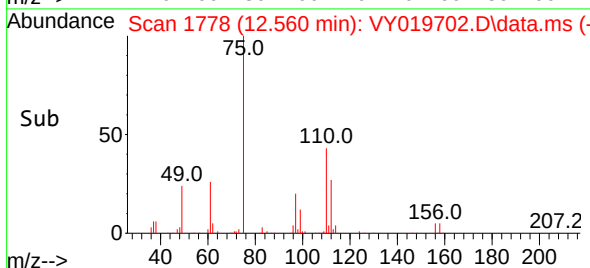
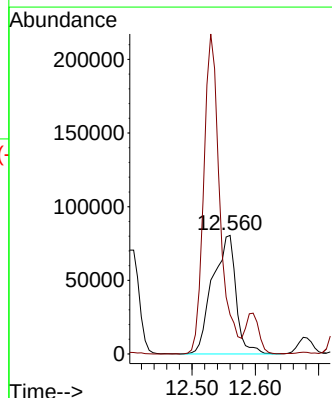
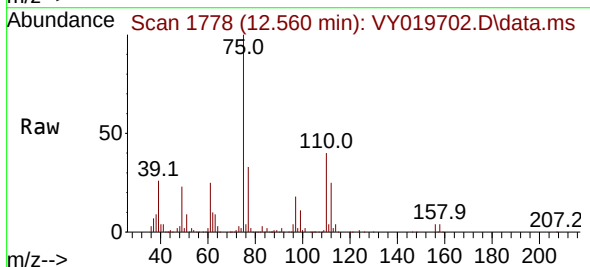
Acq: 25 Sep 2024 17:57

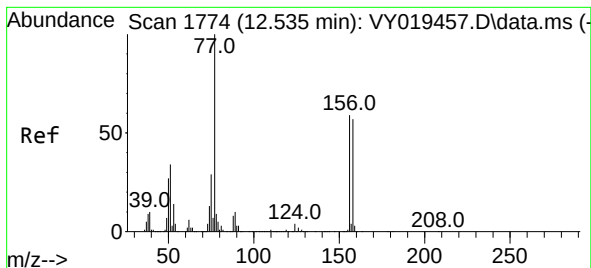
Tgt Ion: 75 Resp: 206666

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 54.478 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. -0.006 min

Lab File: VY019702.D

Acq: 25 Sep 2024 17:57

Instrument :

MSVOA_Y

ClientSampleId :

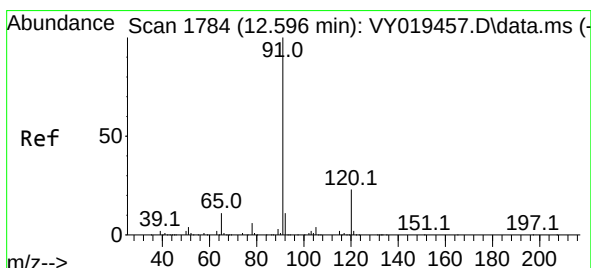
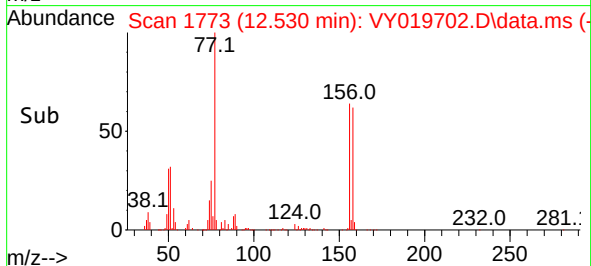
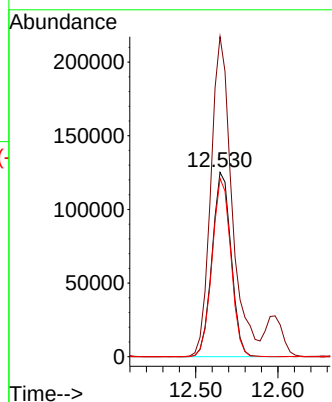
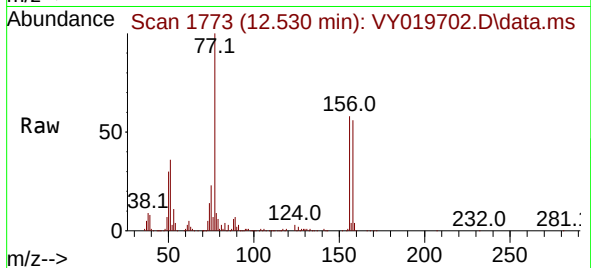
Tgt Ion:156 Resp: 201392

Ion Ratio Lower Upper

156 100

77 192.4 87.1 261.3

158 95.3 48.6 145.9



#78

n-propylbenzene

Concen: 53.392 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY019702.D

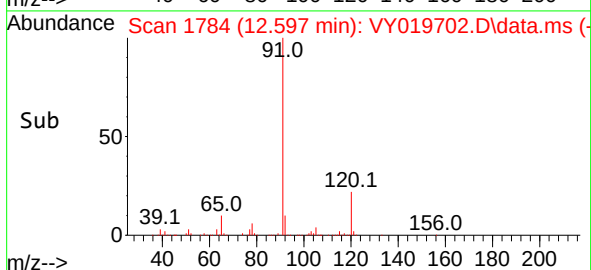
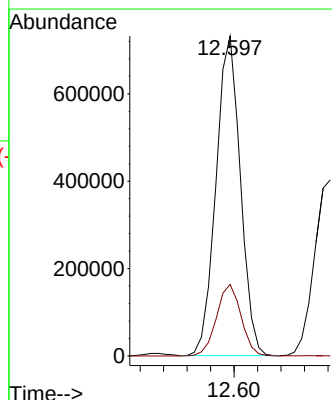
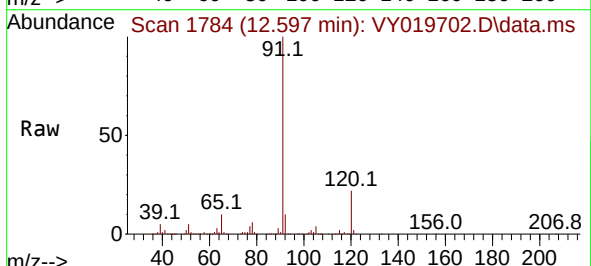
Acq: 25 Sep 2024 17:57

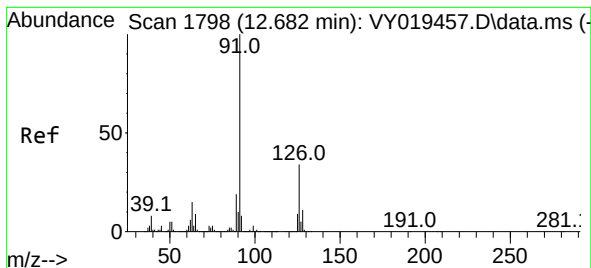
Tgt Ion: 91 Resp: 1054830

Ion Ratio Lower Upper

91 100

120 22.5 11.5 34.4





#79

2-Chlorotoluene

Concen: 54.080 ug/l

RT: 12.682 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019702.D

Acq: 25 Sep 2024 17:57

Instrument :

MSVOA_Y

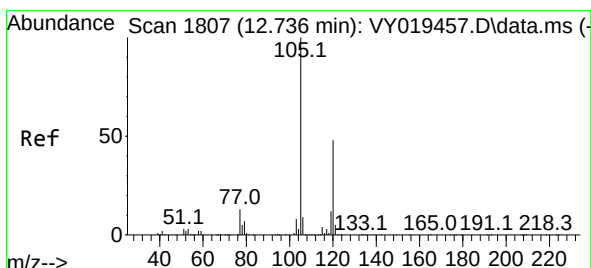
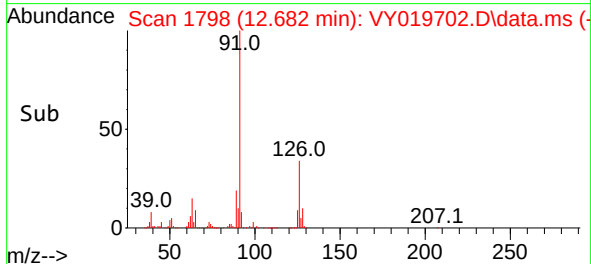
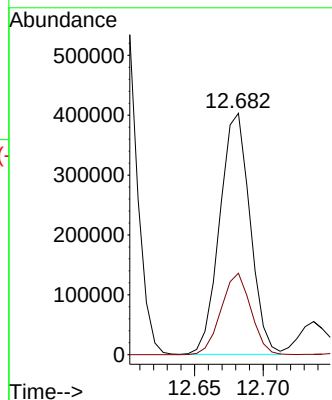
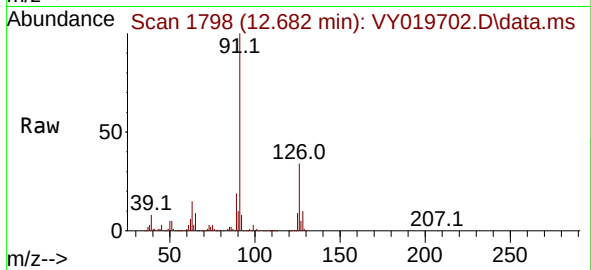
ClientSampleId :

Tgt Ion: 91 Resp: 622648

Ion Ratio Lower Upper

91 100

126 33.0 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 53.191 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VY019702.D

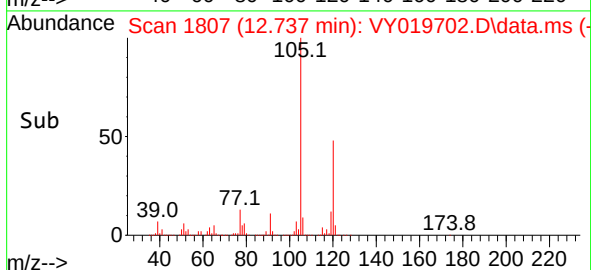
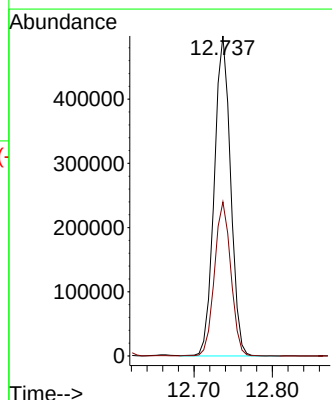
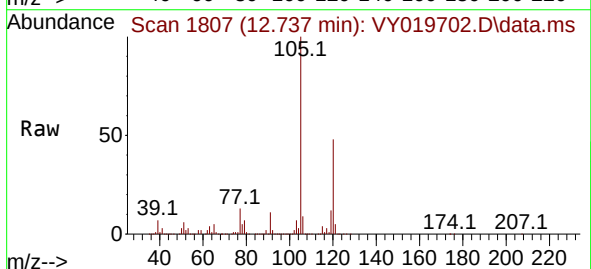
Acq: 25 Sep 2024 17:57

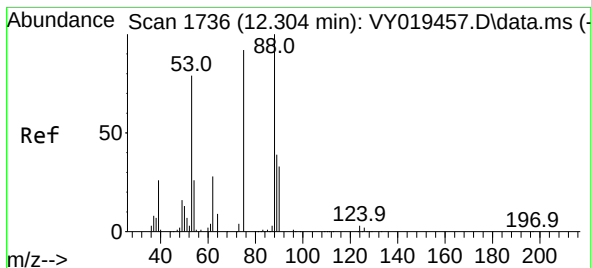
Tgt Ion: 105 Resp: 720775

Ion Ratio Lower Upper

105 100

120 48.3 25.1 75.2

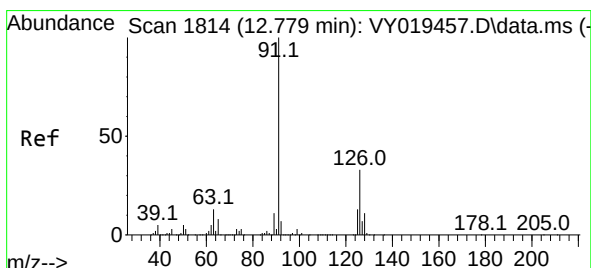
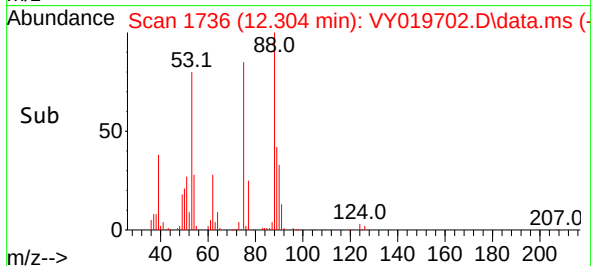
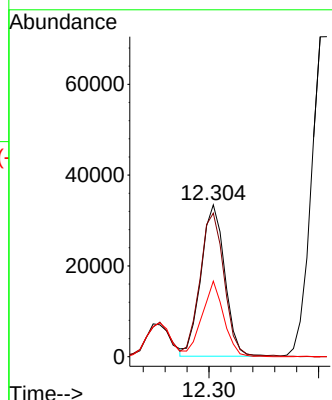
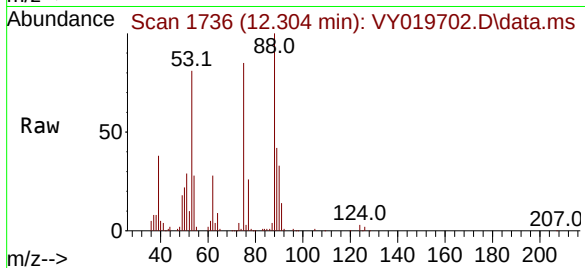




#81
trans-1,4-Dichloro-2-butene
Concen: 44.735 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY019702.D
Acq: 25 Sep 2024 17:57

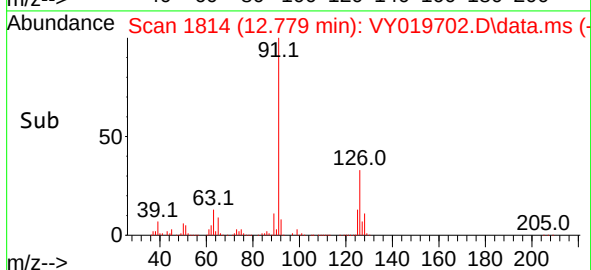
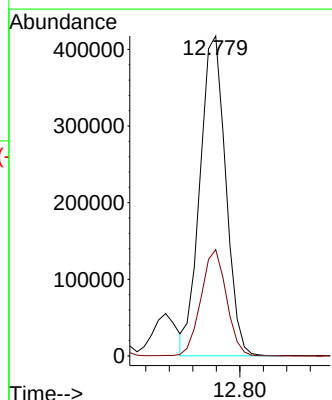
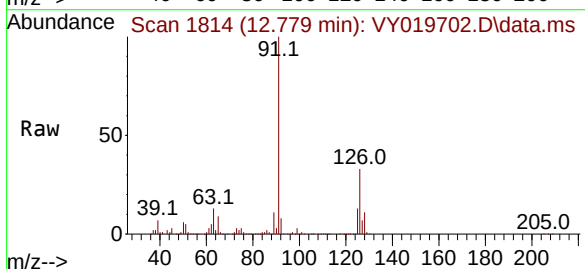
Instrument :
MSVOA_Y
ClientSampleId :

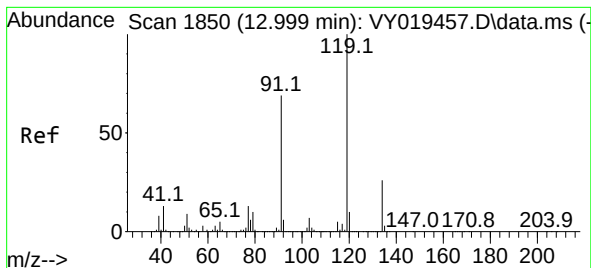
Tgt Ion: 75 Resp: 50183
Ion Ratio Lower Upper
75 100
53 97.8 66.8 100.2
89 45.2 35.8 53.6



#82
4-Chlorotoluene
Concen: 53.634 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY019702.D
Acq: 25 Sep 2024 17:57

Tgt Ion: 91 Resp: 634848
Ion Ratio Lower Upper
91 100
126 33.0 17.6 52.9





#83

tert-Butylbenzene

Concen: 54.320 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.000 min

Lab File: VY019702.D

Acq: 25 Sep 2024 17:57

Instrument :

MSVOA_Y

ClientSampleId :

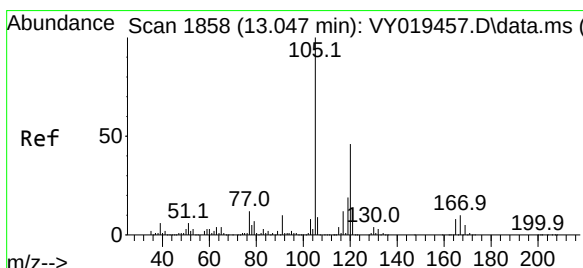
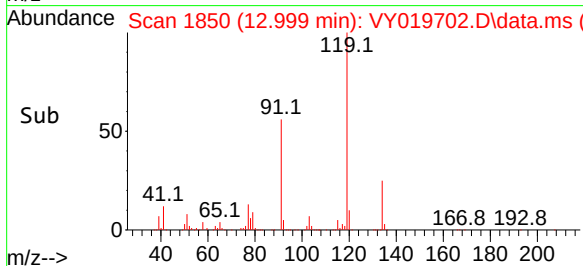
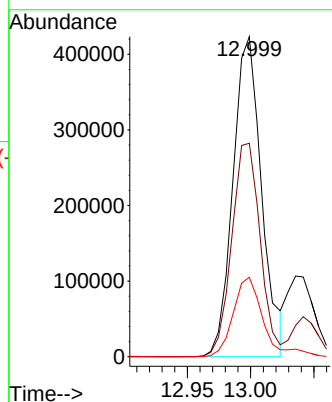
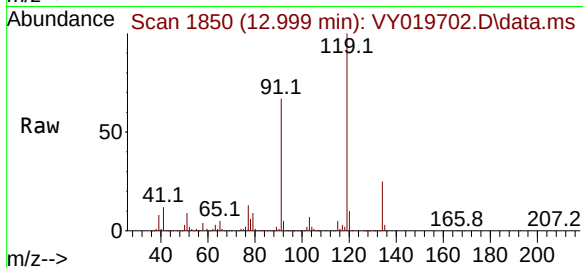
Tgt Ion:119 Resp: 666355

Ion Ratio Lower Upper

119 100

91 66.3 31.3 93.8

134 26.1 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 53.591 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. -0.006 min

Lab File: VY019702.D

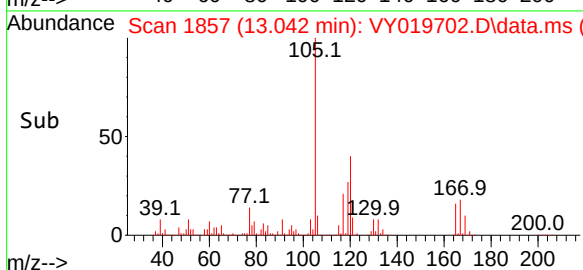
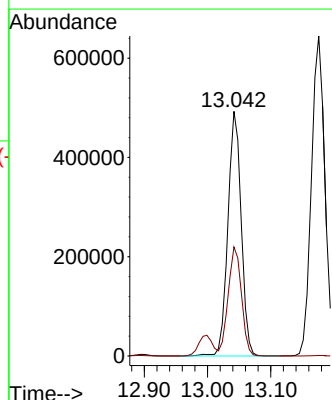
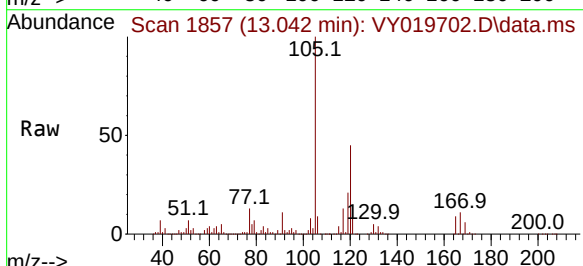
Acq: 25 Sep 2024 17:57

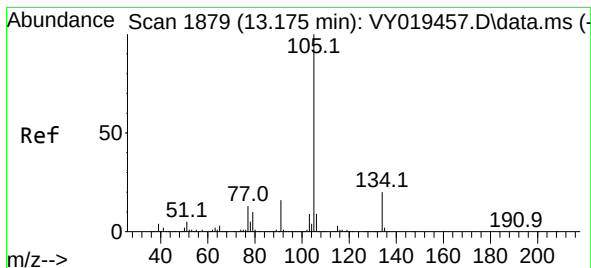
Tgt Ion:105 Resp: 718827

Ion Ratio Lower Upper

105 100

120 44.4 23.2 69.6





#85

sec-Butylbenzene

Concen: 53.063 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY019702.D

Acq: 25 Sep 2024 17:57

Instrument :

MSVOA_Y

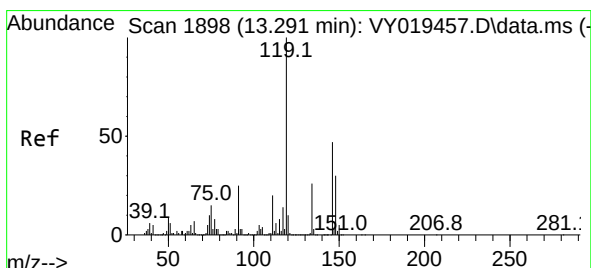
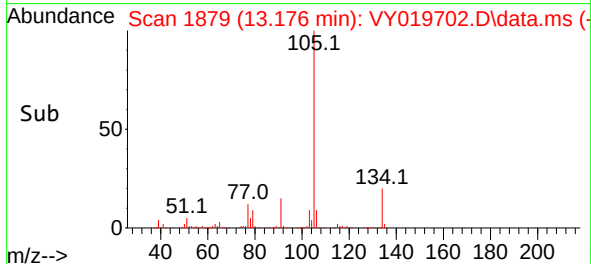
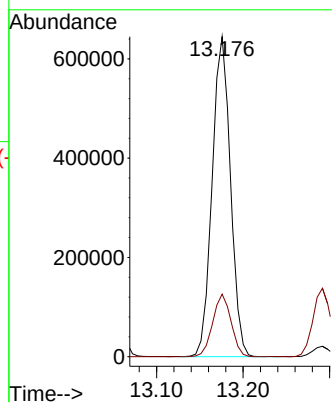
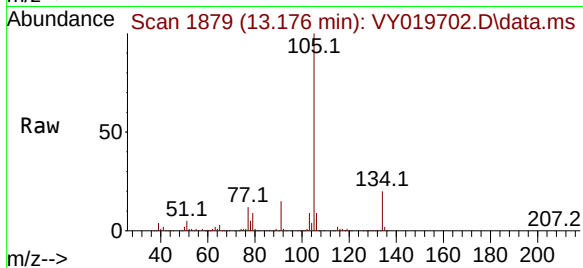
ClientSampleId :

Tgt Ion:105 Resp: 945635

Ion Ratio Lower Upper

105 100

134 19.5 10.1 30.1



#86

p-Isopropyltoluene

Concen: 52.641 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY019702.D

Acq: 25 Sep 2024 17:57

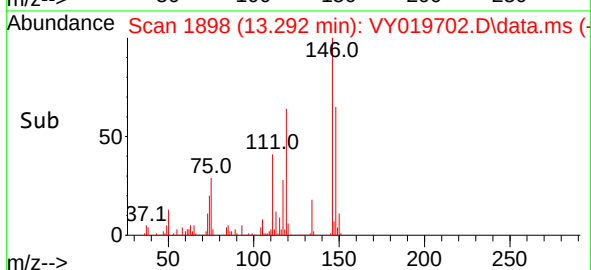
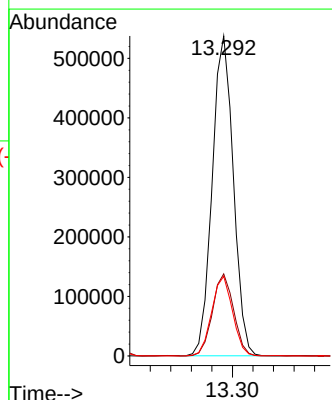
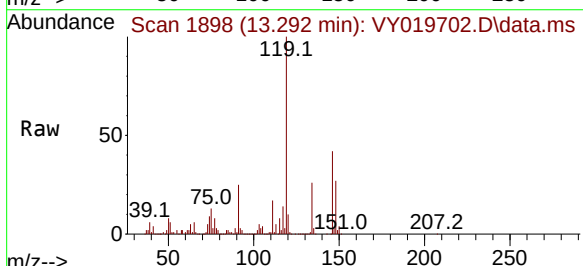
Tgt Ion:119 Resp: 767532

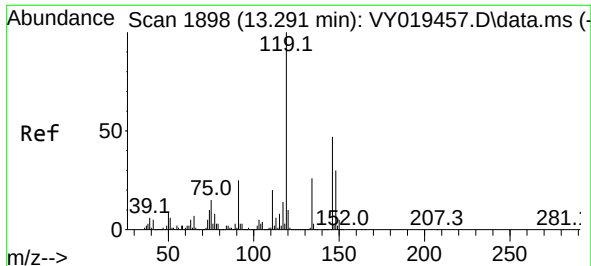
Ion Ratio Lower Upper

119 100

134 25.6 13.1 39.3

91 24.6 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 54.120 ug/l

RT: 13.285 min Scan# 1897

Delta R.T. -0.006 min

Lab File: VY019702.D

Acq: 25 Sep 2024 17:57

Instrument :

MSVOA_Y

ClientSampleId :

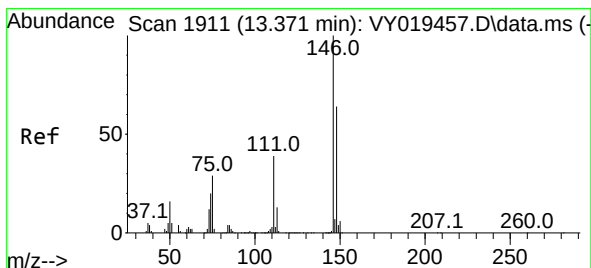
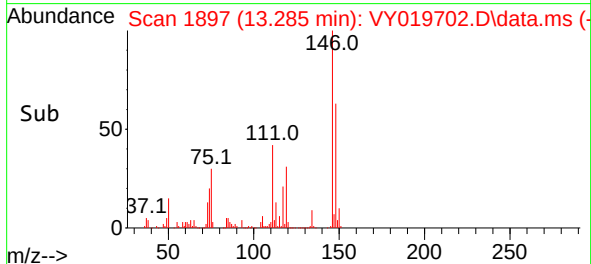
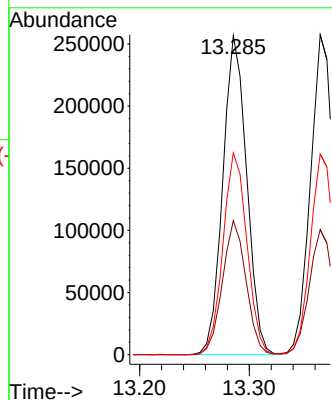
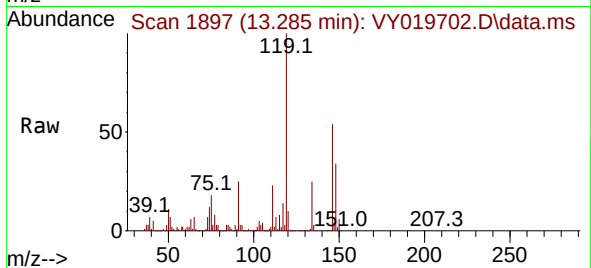
Tgt Ion:146 Resp: 388764

Ion Ratio Lower Upper

146 100

111 41.5 19.0 57.0

148 63.5 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 53.558 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.006 min

Lab File: VY019702.D

Acq: 25 Sep 2024 17:57

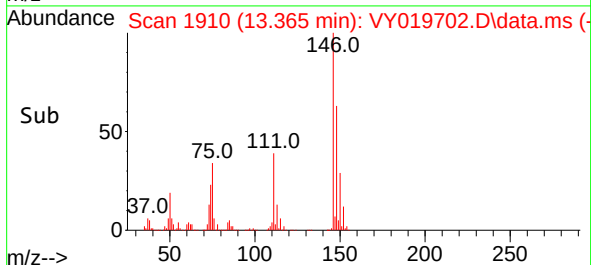
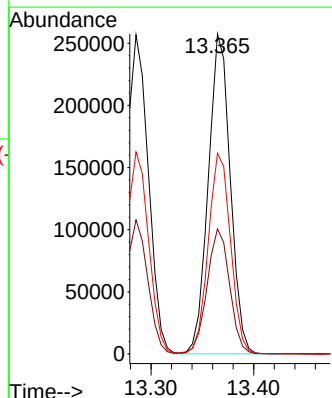
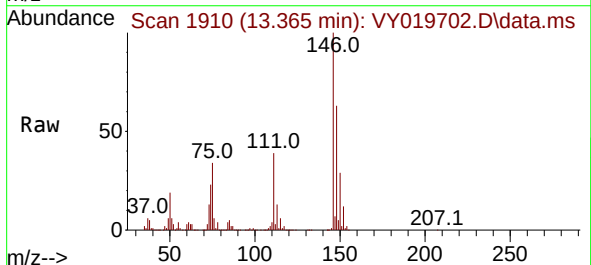
Tgt Ion:146 Resp: 381811

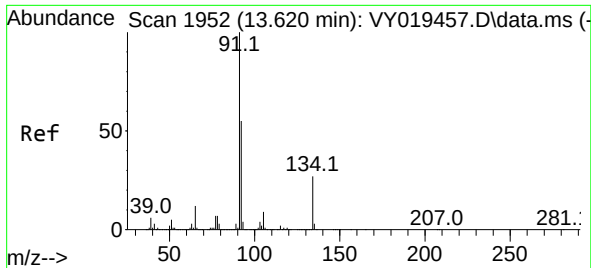
Ion Ratio Lower Upper

146 100

111 40.0 18.4 55.4

148 63.8 32.4 97.2

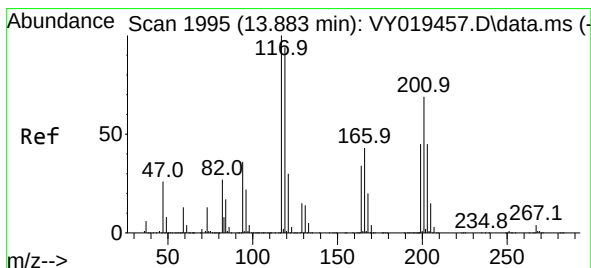
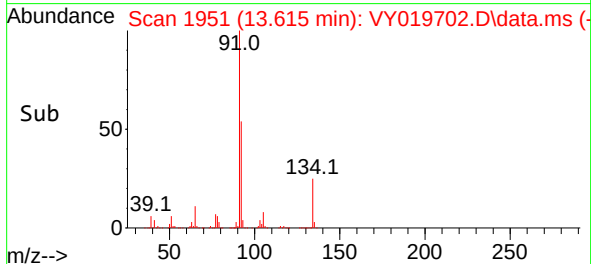
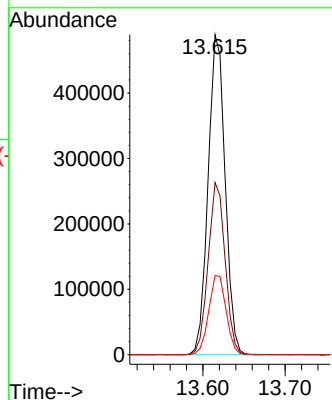
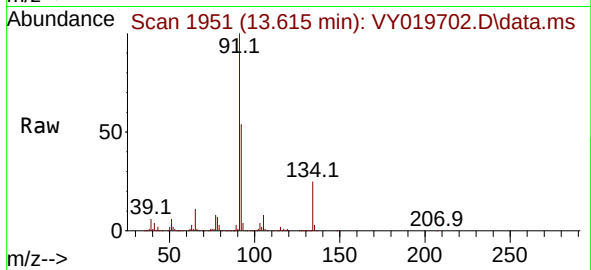




#89
n-Butylbenzene
Concen: 50.446 ug/l
RT: 13.615 min Scan# 1951
Delta R.T. -0.006 min
Lab File: VY019702.D
Acq: 25 Sep 2024 17:57

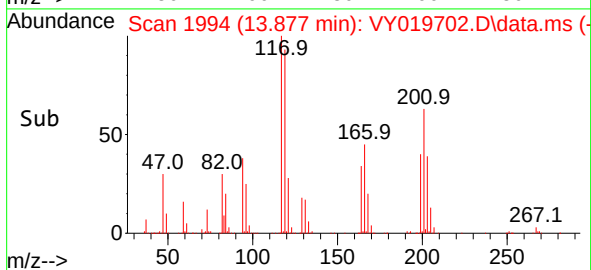
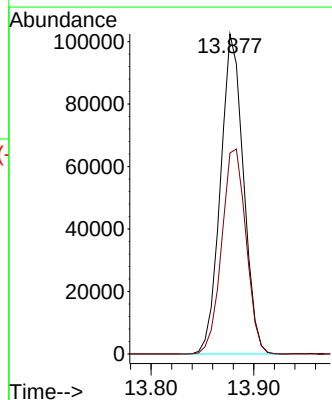
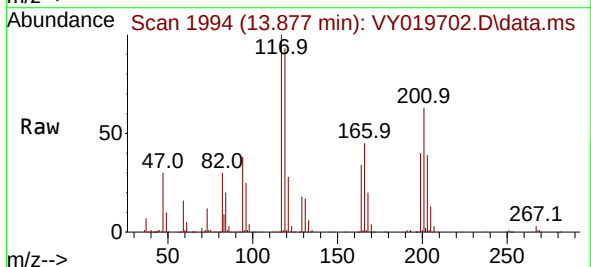
Instrument :
MSVOA_Y
ClientSampleId :

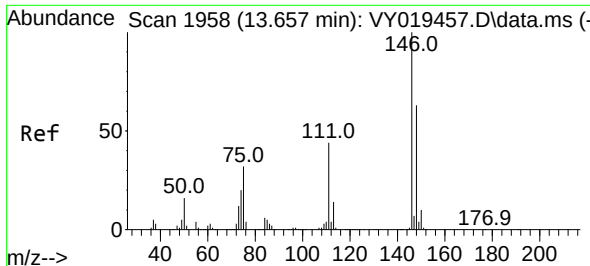
Tgt Ion: 91 Resp: 703152
Ion Ratio Lower Upper
91 100
92 53.5 26.6 79.7
134 25.3 12.9 38.7



#90
Hexachloroethane
Concen: 52.407 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. -0.006 min
Lab File: VY019702.D
Acq: 25 Sep 2024 17:57

Tgt Ion: 117 Resp: 158990
Ion Ratio Lower Upper
117 100
201 67.8 37.4 112.2

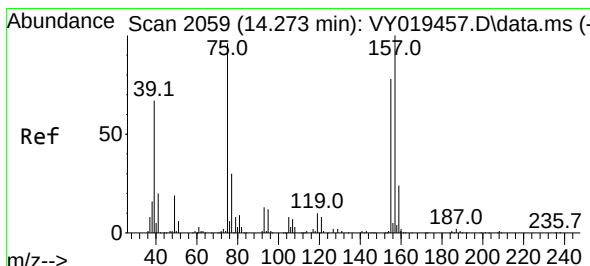
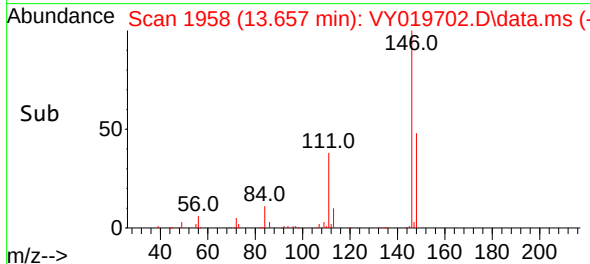
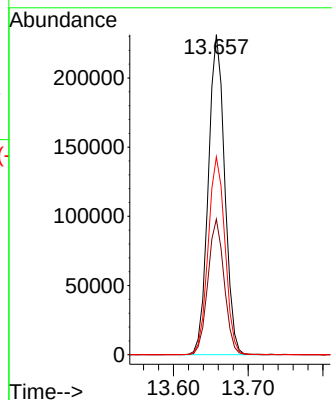
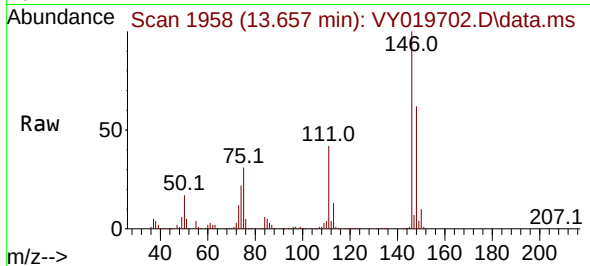




#91
1,2-Dichlorobenzene
Concen: 54.980 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. 0.000 min
Lab File: VY019702.D
Acq: 25 Sep 2024 17:57

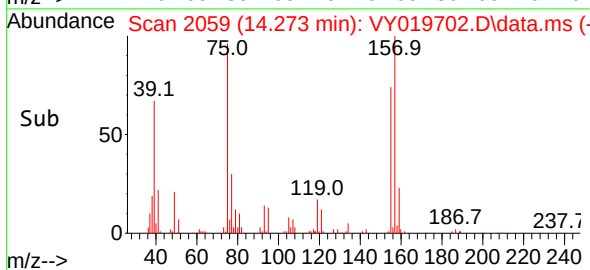
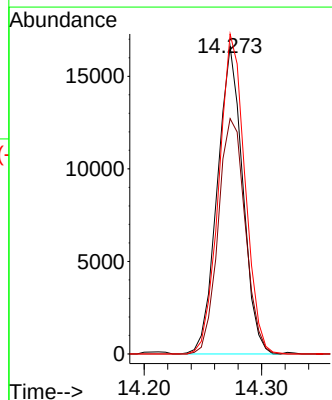
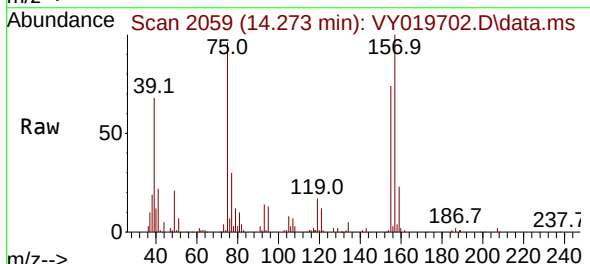
Instrument :
MSVOA_Y
ClientSampleId :

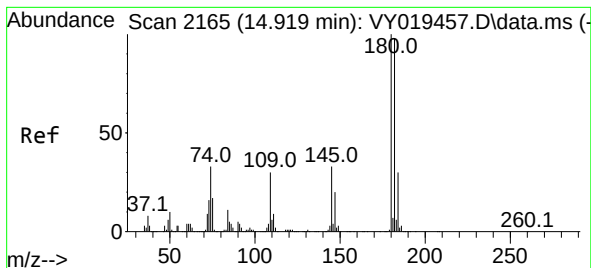
Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.0	19.9	59.7
148	63.3	31.8	95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 50.582 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VY019702.D
Acq: 25 Sep 2024 17:57

Tgt Ion	Ratio	Lower	Upper
75	100		
155	81.1	48.6	145.8
157	106.7	62.7	188.2





#93

1,2,4-Trichlorobenzene

Concen: 47.172 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY019702.D

Acq: 25 Sep 2024 17:57

Instrument :

MSVOA_Y

ClientSampleId :

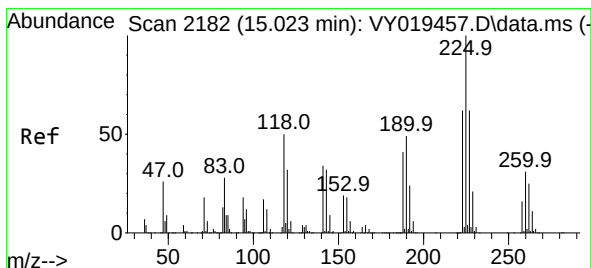
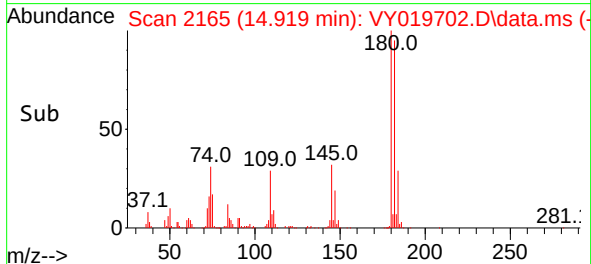
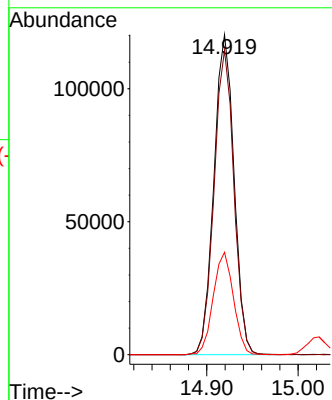
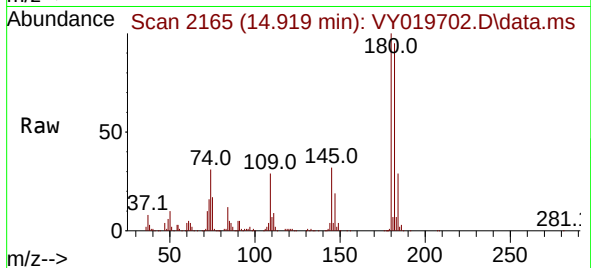
Tgt Ion:180 Resp: 183909

Ion Ratio Lower Upper

180 100

182 93.9 47.9 143.8

145 32.2 14.2 42.6



#94

Hexachlorobutadiene

Concen: 45.561 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY019702.D

Acq: 25 Sep 2024 17:57

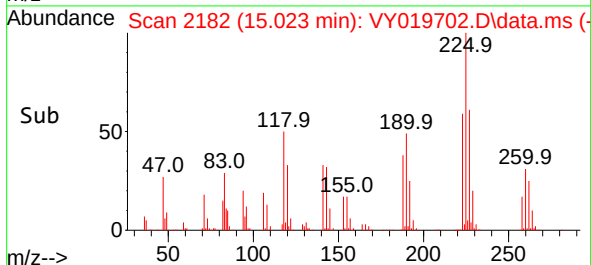
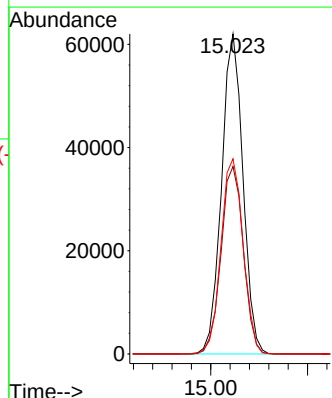
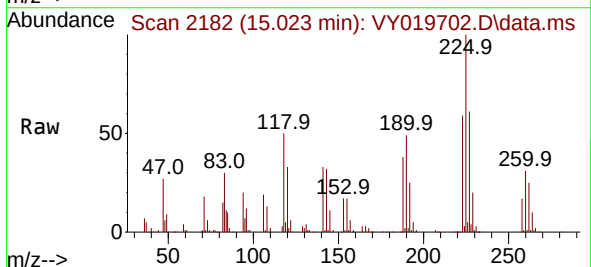
Tgt Ion:225 Resp: 94892

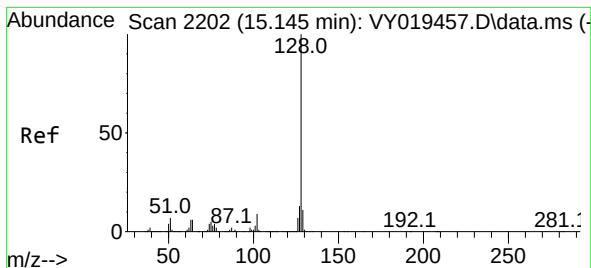
Ion Ratio Lower Upper

225 100

223 61.0 30.4 91.2

227 63.3 31.9 95.9





#95

Naphthalene

Concen: 48.530 ug/l

RT: 15.145 min Scan# 21

Delta R.T. 0.000 min

Lab File: VY019702.D

Acq: 25 Sep 2024 17:57

Instrument :

MSVOA_Y

ClientSampleId :

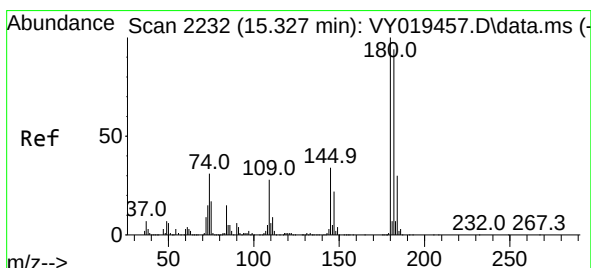
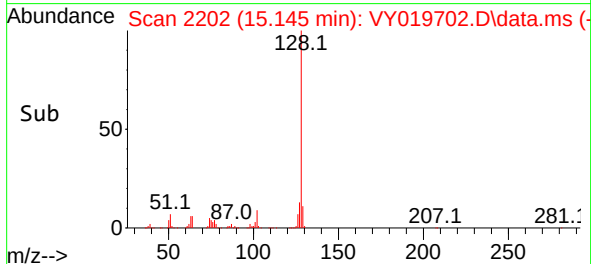
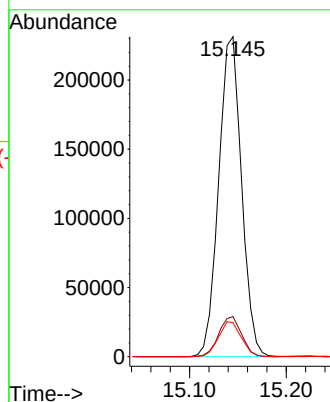
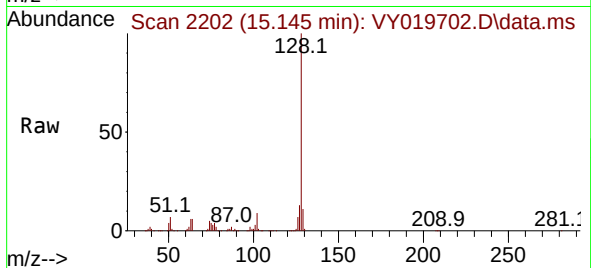
Tgt Ion:128 Resp: 378891

Ion Ratio Lower Upper

128 100

127 12.6 10.6 16.0

129 10.9 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 47.378 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY019702.D

Acq: 25 Sep 2024 17:57

Tgt Ion:180 Resp: 157995

Ion Ratio Lower Upper

180 100

182 94.8 47.6 142.9

145 34.1 15.4 46.1

