

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091124\
 Data File : VY019501.D
 Acq On : 11 Sep 2024 10:41
 Operator : SY/MD
 Sample : VY0911SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 12 01:30:53 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	522402	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	891409	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	758632	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	364673	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	262042	54.171	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.340%	
35) Dibromofluoromethane	7.634	113	261147	51.670	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.340%	
50) Toluene-d8	10.109	98	970627	51.922	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 103.840%	
62) 4-Bromofluorobenzene	12.408	95	352535	49.045	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 98.080%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	77341	25.043	ug/l	100
3) Chloromethane	2.068	50	95320	22.054	ug/l	98
4) Vinyl Chloride	2.208	62	105741	22.625	ug/l	97
5) Bromomethane	2.592	94	71780	25.004	ug/l	95
6) Chloroethane	2.733	64	70019	22.918	ug/l	99
7) Trichlorofluoromethane	3.056	101	171446	22.006	ug/l	96
8) Diethyl Ether	3.452	74	55204	21.110	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.812	101	102456	21.259	ug/l	97
10) Methyl Iodide	4.001	142	122696	19.857	ug/l	93
11) Tert butyl alcohol	4.866	59	43071	110.254	ug/l	# 77
12) 1,1-Dichloroethene	3.787	96	93724	20.222	ug/l	90
13) Acrolein	3.653	56	28757	147.006	ug/l	100
14) Allyl chloride	4.385	41	167690	20.175	ug/l	# 92
15) Acrylonitrile	5.055	53	121273	107.550	ug/l	99
16) Acetone	3.873	43	125123	108.574	ug/l	91
17) Carbon Disulfide	4.104	76	238378	19.036	ug/l	98
18) Methyl Acetate	4.379	43	56228	17.979	ug/l	93
19) Methyl tert-butyl Ether	5.110	73	283889	21.626	ug/l	97
20) Methylene Chloride	4.610	84	123123	23.427	ug/l	# 87
21) trans-1,2-Dichloroethene	5.110	96	105237	20.715	ug/l	93
22) Diisopropyl ether	6.013	45	363488	21.296	ug/l	92
23) Vinyl Acetate	5.958	43	1065031	109.243	ug/l	94
24) 1,1-Dichloroethane	5.915	63	203594	21.257	ug/l	97
25) 2-Butanone	6.890	43	177170	108.094	ug/l	90
26) 2,2-Dichloropropane	6.878	77	184891	21.401	ug/l	98
27) cis-1,2-Dichloroethene	6.884	96	130661	21.173	ug/l	89
28) Bromochloromethane	7.238	49	75438	18.720	ug/l	84
29) Tetrahydrofuran	7.262	42	103492	103.849	ug/l	88
30) Chloroform	7.415	83	211300	21.611	ug/l	99
31) Cyclohexane	7.701	56	168385	19.450	ug/l	94
32) 1,1,1-Trichloroethane	7.616	97	190118	21.694	ug/l	98
36) 1,1-Dichloropropene	7.835	75	142990	20.792	ug/l	97
37) Ethyl Acetate	6.982	43	74872	21.248	ug/l	# 93
38) Carbon Tetrachloride	7.817	117	164732	21.241	ug/l	97
39) Methylcyclohexane	9.110	83	182741	19.967	ug/l	91
40) Benzene	8.079	78	434649	20.520	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	40334	19.636	ug/l	88
42) 1,2-Dichloroethane	8.158	62	124891	21.911	ug/l	96
43) Isopropyl Acetate	8.195	43	157006	21.208	ug/l	91
44) Trichloroethene	8.866	130	111403	20.450	ug/l	97
45) 1,2-Dichloropropane	9.140	63	107291	20.719	ug/l	98
46) Dibromomethane	9.231	93	59955	21.172	ug/l	96
47) Bromodichloromethane	9.420	83	165010	21.677	ug/l	99
48) Methyl methacrylate	9.219	41	70104	20.053	ug/l	86
49) 1,4-Dioxane	9.231	88	14226	426.729	ug/l #	94
51) 4-Methyl-2-Pentanone	10.000	43	394061	105.805	ug/l	92
52) Toluene	10.170	92	285175	20.933	ug/l	98
53) t-1,3-Dichloropropene	10.396	75	151554	20.885	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	173480	20.531	ug/l #	85
55) 1,1,2-Trichloroethane	10.573	97	82835	21.182	ug/l	98
56) Ethyl methacrylate	10.439	69	125084	21.056	ug/l #	81
57) 1,3-Dichloropropane	10.719	76	145945	21.711	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.713	63	272659	98.889	ug/l	98
59) 2-Hexanone	10.762	43	290051	106.227	ug/l	89
60) Dibromochloromethane	10.914	129	108537	20.981	ug/l	100
61) 1,2-Dibromoethane	11.018	107	76857	21.093	ug/l	99
64) Tetrachloroethene	10.646	164	97843	20.827	ug/l	94
65) Chlorobenzene	11.444	112	315754	21.159	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.518	131	110884	21.461	ug/l	98
67) Ethyl Benzene	11.518	91	561534	21.178	ug/l	100
68) m/p-Xylenes	11.627	106	420223	41.913	ug/l	93
69) o-Xylene	11.957	106	205183	20.926	ug/l	95
70) Styrene	11.969	104	348033	21.023	ug/l	96
71) Bromoform	12.133	173	62823	21.288	ug/l #	95
73) Isopropylbenzene	12.255	105	552567	20.886	ug/l	98
74) N-amyl acetate	12.072	43	150017	20.850	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.505	83	97369	20.735	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	127262	37.232	ug/l #	100
77) Bromobenzene	12.530	156	120054	20.461	ug/l	91
78) n-propylbenzene	12.597	91	654335	20.867	ug/l	99
79) 2-Chlorotoluene	12.682	91	375950	20.573	ug/l	96
80) 1,3,5-Trimethylbenzene	12.737	105	444908	20.686	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.304	75	35499	19.938	ug/l	92
82) 4-Chlorotoluene	12.780	91	394026	20.973	ug/l	96
83) tert-Butylbenzene	12.999	119	406973	20.902	ug/l	96
84) 1,2,4-Trimethylbenzene	13.042	105	443067	20.811	ug/l	98
85) sec-Butylbenzene	13.176	105	598550	21.161	ug/l	100
86) p-Isopropyltoluene	13.292	119	491628	21.244	ug/l	97
87) 1,3-Dichlorobenzene	13.286	146	237991	20.874	ug/l	97
88) 1,4-Dichlorobenzene	13.371	146	234422	20.718	ug/l	96
89) n-Butylbenzene	13.621	91	467826	21.146	ug/l	99
90) Hexachloroethane	13.883	117	99718	20.709	ug/l	93
91) 1,2-Dichlorobenzene	13.658	146	211247	20.763	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	16045	20.502	ug/l	83
93) 1,2,4-Trichlorobenzene	14.919	180	122302	19.764	ug/l	97
94) Hexachlorobutadiene	15.023	225	65178	19.717	ug/l	96
95) Naphthalene	15.145	128	238838	19.274	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	103381	19.532	ug/l	97

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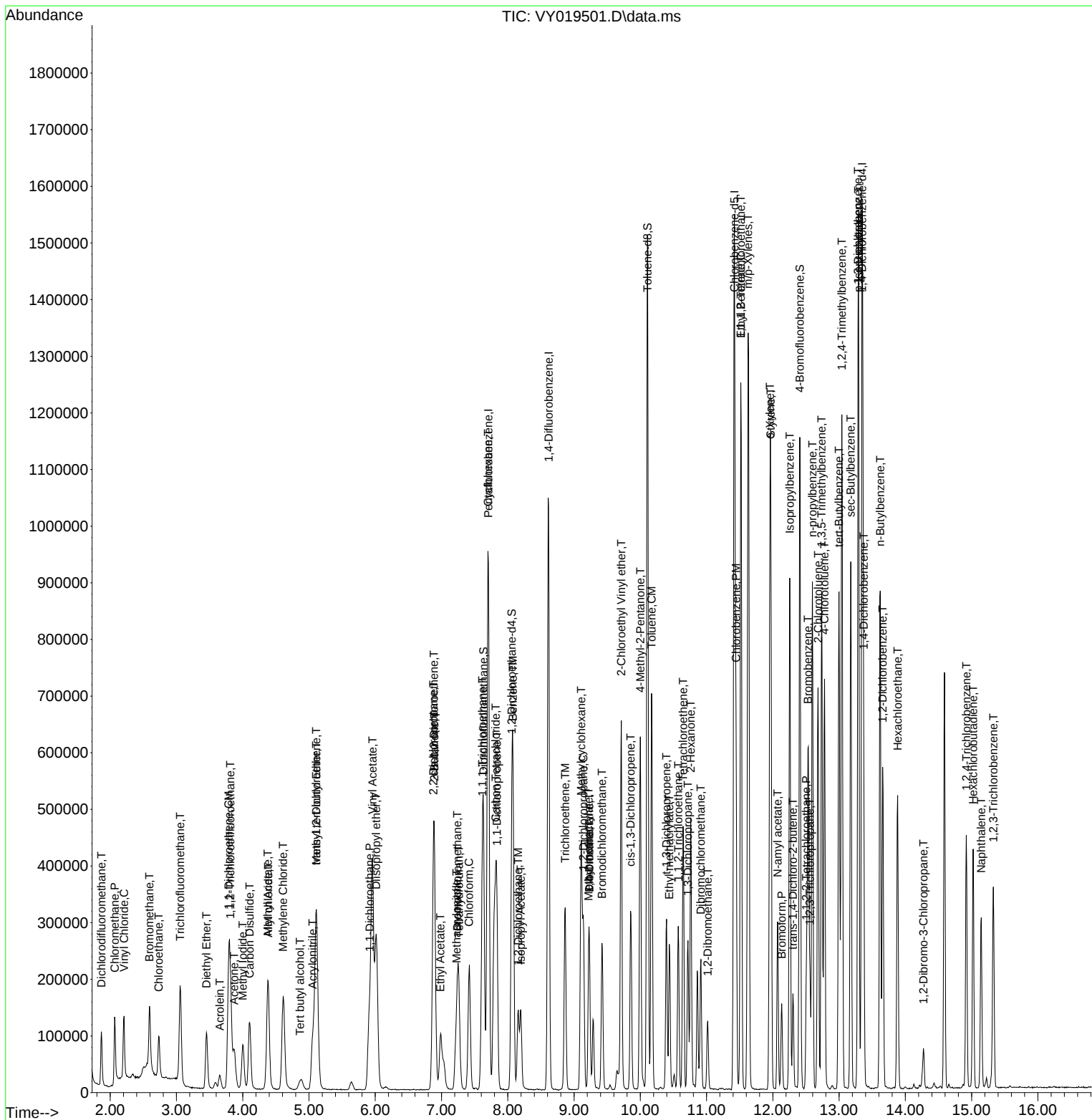
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MSVOA_Y
ClientSampleId :

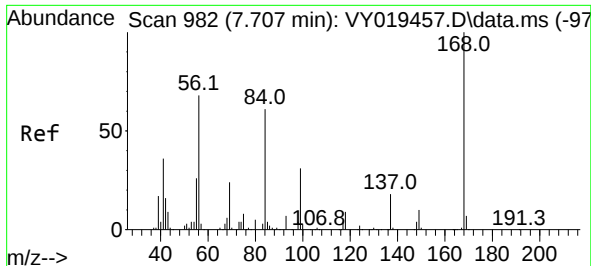
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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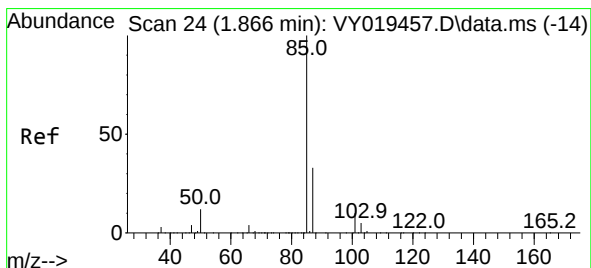
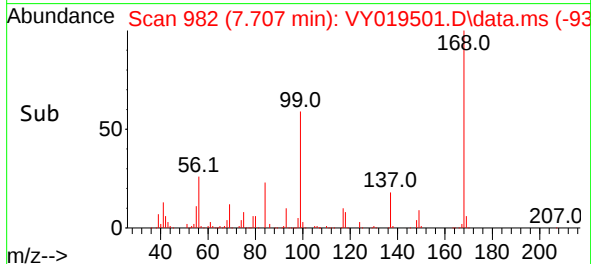
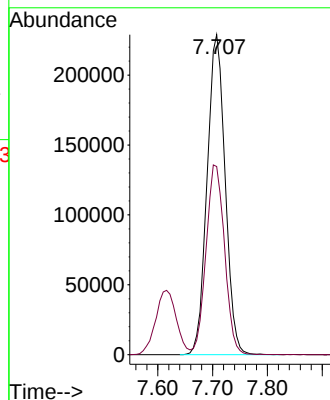
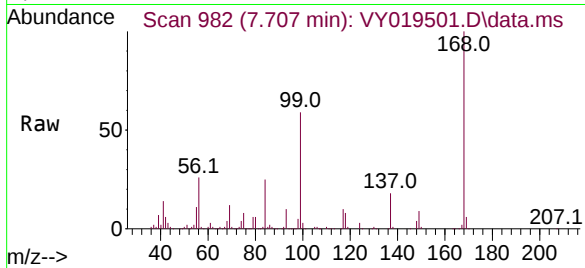




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
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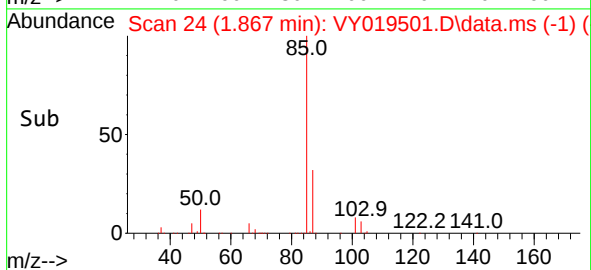
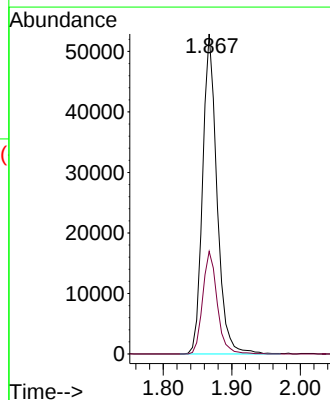
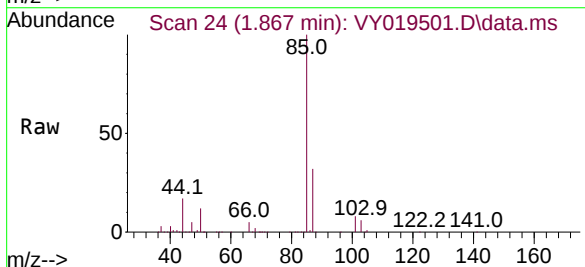
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 522402
Ion Ratio Lower Upper
168 100
99 58.8 39.1 58.7#



#2
Dichlorodifluoromethane
Concen: 25.043 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.001 min
Lab File: VY019501.D
Acq: 11 Sep 2024 10:41

Tgt Ion: 85 Resp: 77341
Ion Ratio Lower Upper
85 100
87 32.1 16.0 48.0

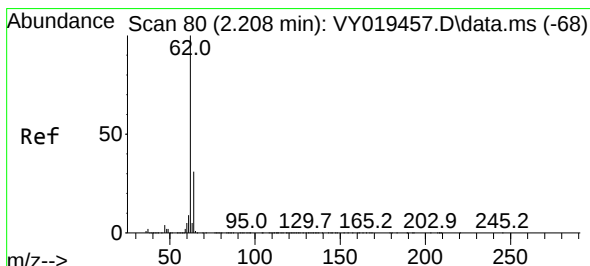
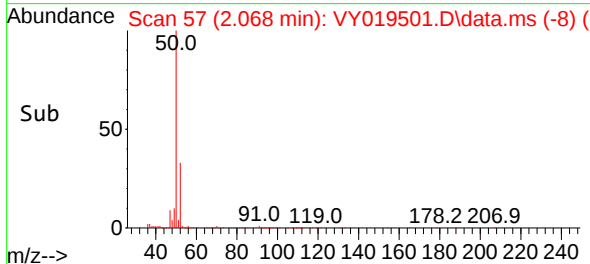
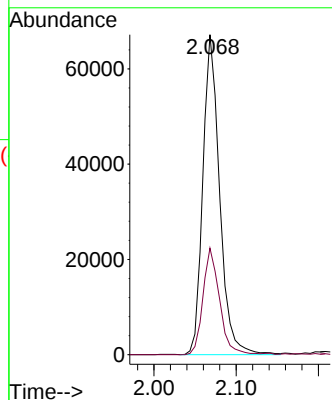
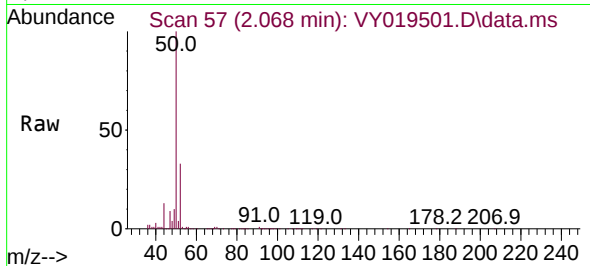




#3
Chloromethane
Concen: 22.054 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY019501.D
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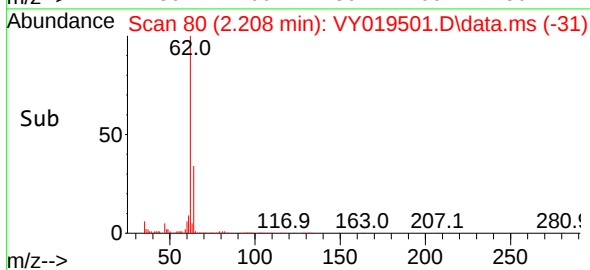
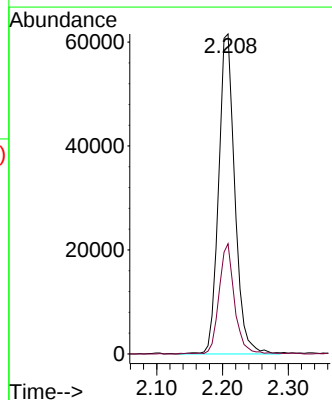
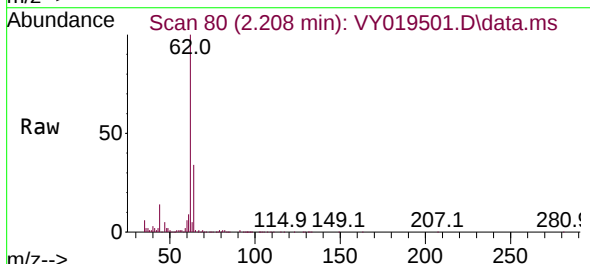
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 50 Resp: 95320
Ion Ratio Lower Upper
50 100
52 33.3 25.6 38.4



#4
Vinyl Chloride
Concen: 22.625 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.000 min
Lab File: VY019501.D
Acq: 11 Sep 2024 10:41

Tgt Ion: 62 Resp: 105741
Ion Ratio Lower Upper
62 100
64 34.3 26.1 39.1

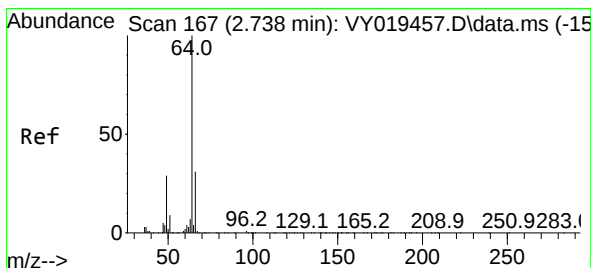
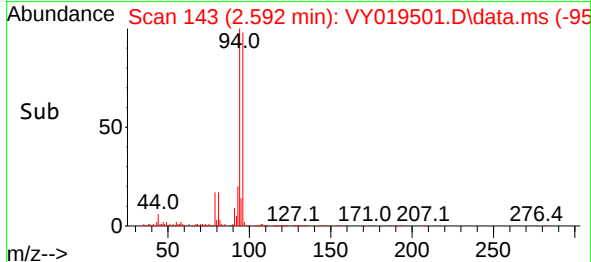
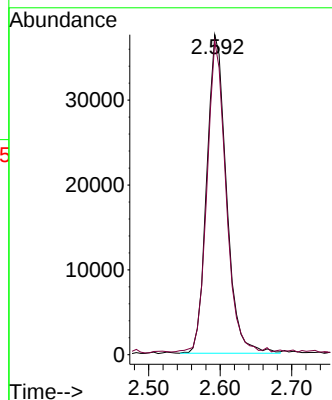
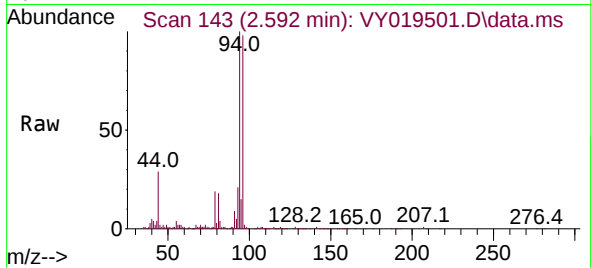




#5
Bromomethane
Concen: 25.004 ug/l
RT: 2.592 min Scan# 144
Delta R.T. -0.006 min
Lab File: VY019501.D
Acq: 11 Sep 2024 10:41

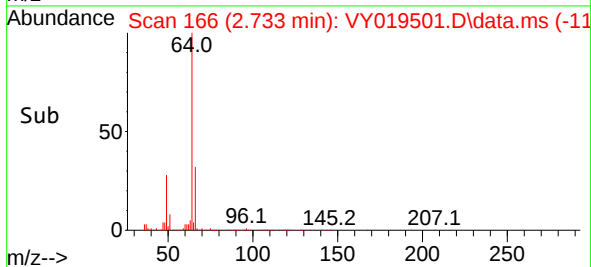
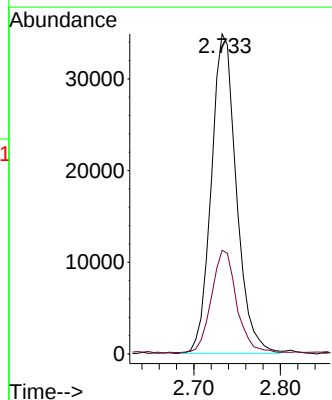
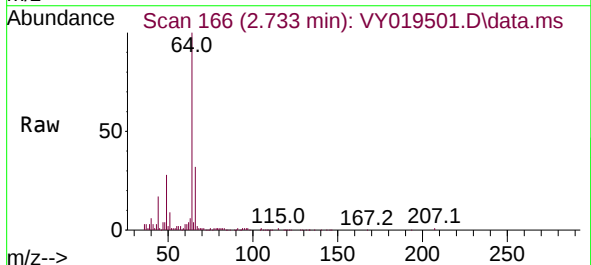
Instrument :
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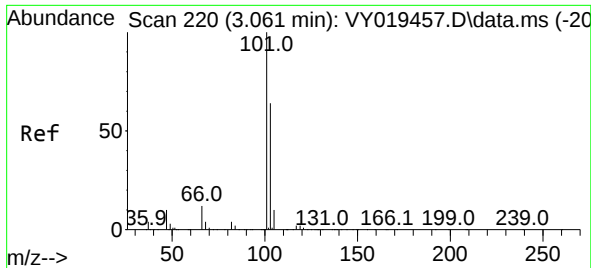
Tgt Ion: 94 Resp: 71780
Ion Ratio Lower Upper
94 100
96 97.1 74.1 111.1



#6
Chloroethane
Concen: 22.918 ug/l
RT: 2.733 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY019501.D
Acq: 11 Sep 2024 10:41

Tgt Ion: 64 Resp: 70019
Ion Ratio Lower Upper
64 100
66 32.0 26.1 39.1

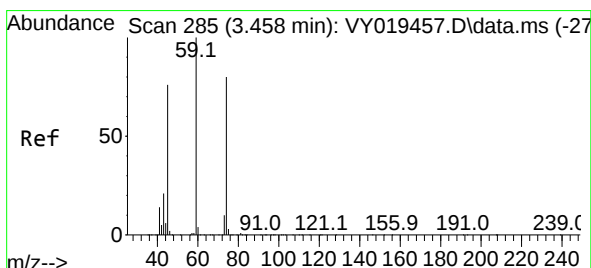
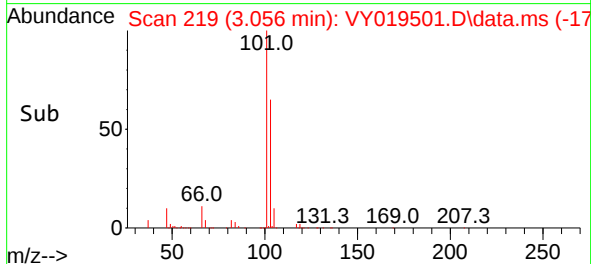
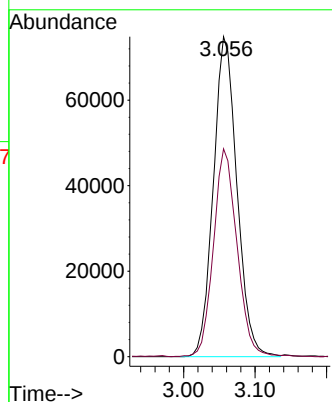
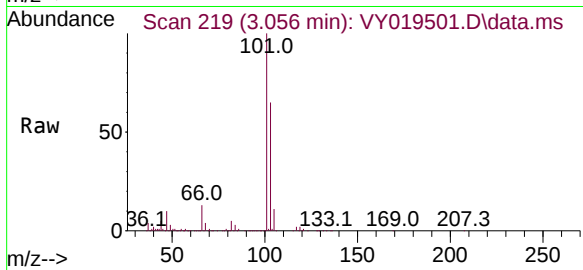




#7
Trichlorofluoromethane
Concen: 22.006 ug/l
RT: 3.056 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY019501.D
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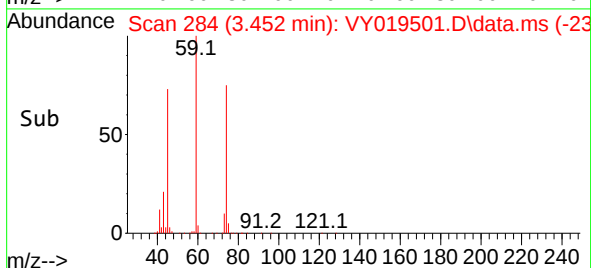
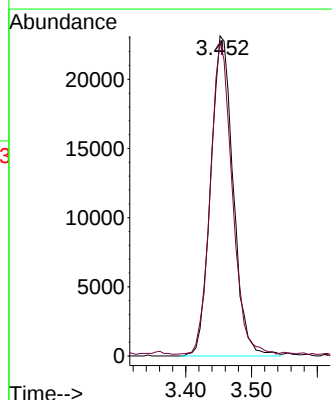
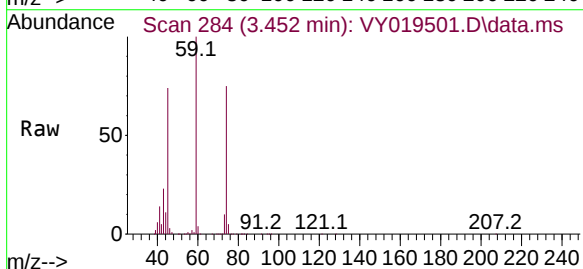
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:101 Resp: 171446
Ion Ratio Lower Upper
101 100
103 64.8 49.3 73.9



#8
Diethyl Ether
Concen: 21.110 ug/l
RT: 3.452 min Scan# 284
Delta R.T. -0.006 min
Lab File: VY019501.D
Acq: 11 Sep 2024 10:41

Tgt Ion: 74 Resp: 55204
Ion Ratio Lower Upper
74 100
45 94.3 41.3 124.1

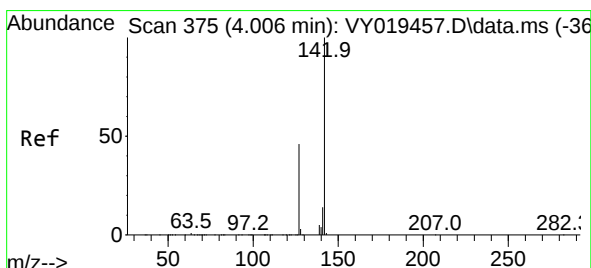
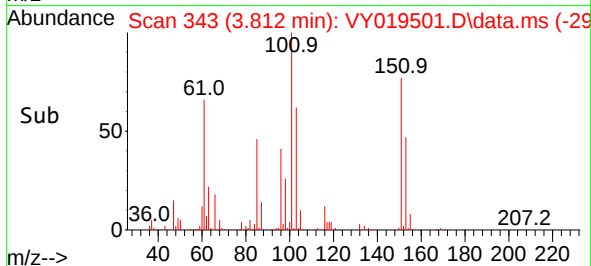
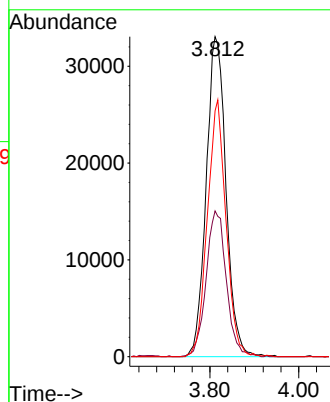
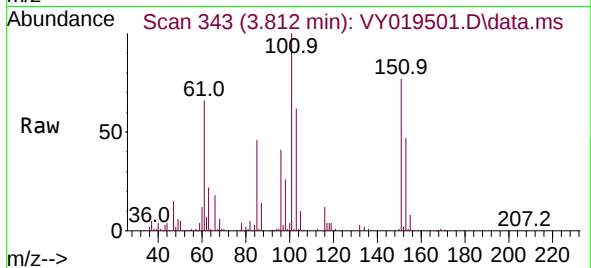




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.259 ug/l
RT: 3.812 min Scan# 34
Delta R.T. 0.000 min
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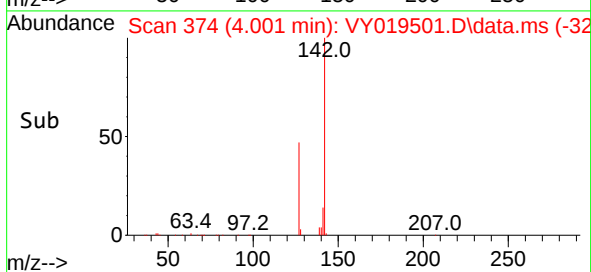
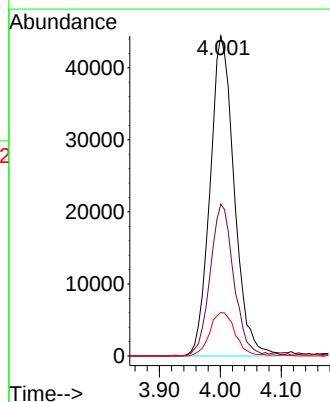
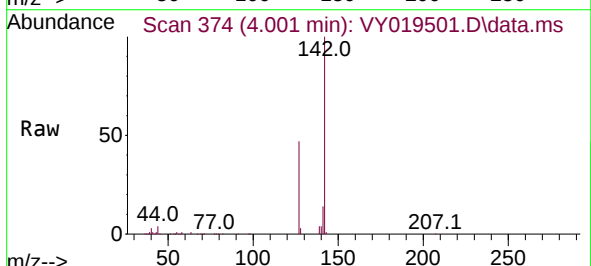
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ClientSampleId :

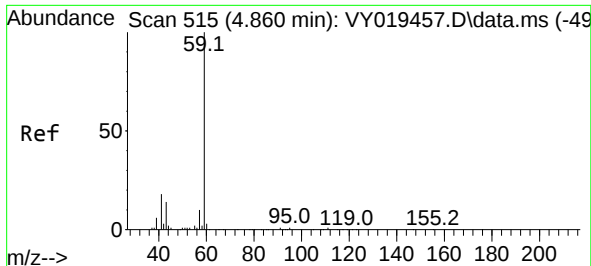
Tgt Ion:101 Resp: 102456
Ion Ratio Lower Upper
101 100
85 46.5 34.5 51.7
151 75.3 61.7 92.5



#10
Methyl Iodide
Concen: 19.857 ug/l
RT: 4.001 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY019501.D
Acq: 11 Sep 2024 10:41

Tgt Ion:142 Resp: 122696
Ion Ratio Lower Upper
142 100
127 46.8 32.8 49.2
141 14.5 11.4 17.2

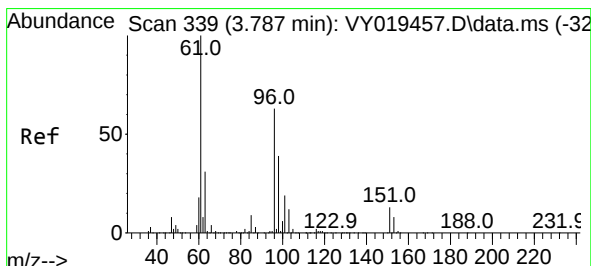
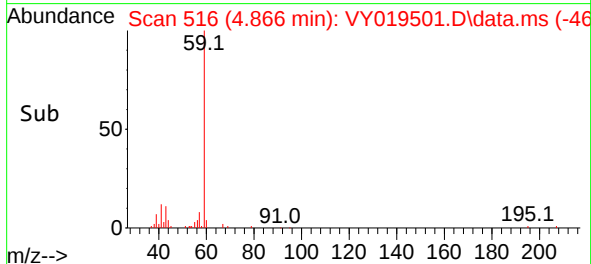
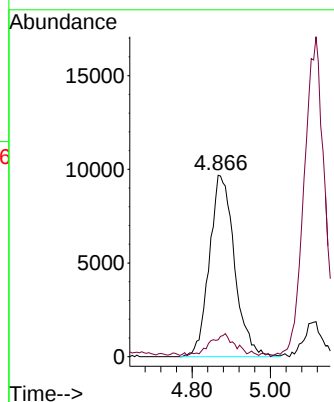
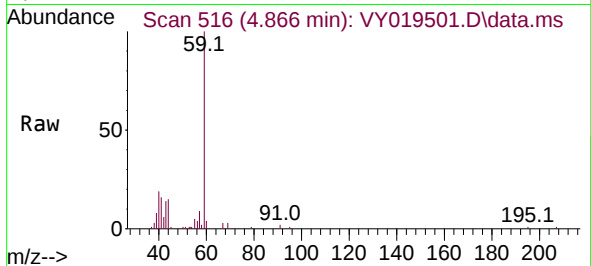




#11
Tert butyl alcohol
Concen: 110.254 ug/l
RT: 4.866 min Scan# 515
Delta R.T. 0.007 min
Lab File: VY019501.D
Acq: 11 Sep 2024 10:41

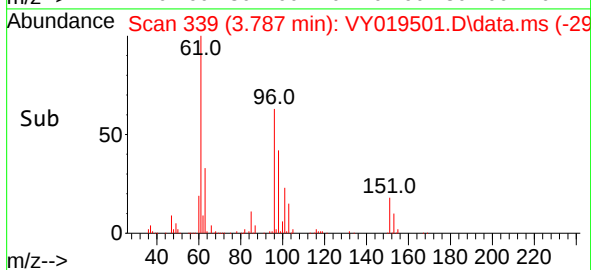
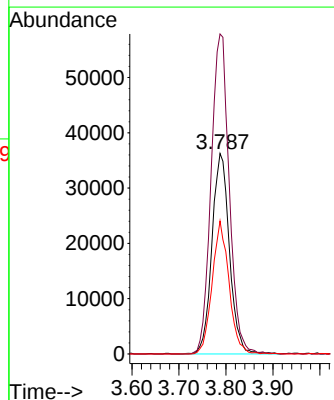
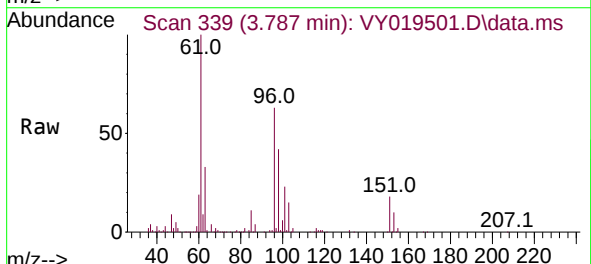
Instrument :
MSVOA_Y
ClientSampleId :

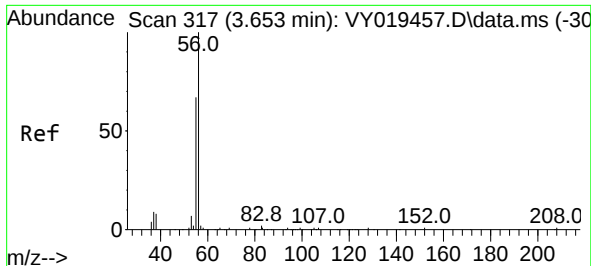
Tgt Ion: 59 Resp: 43071
Ion Ratio Lower Upper
59 100
57 11.4 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 20.222 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY019501.D
Acq: 11 Sep 2024 10:41

Tgt Ion: 96 Resp: 93724
Ion Ratio Lower Upper
96 100
61 159.6 114.6 171.8
98 66.4 50.8 76.2

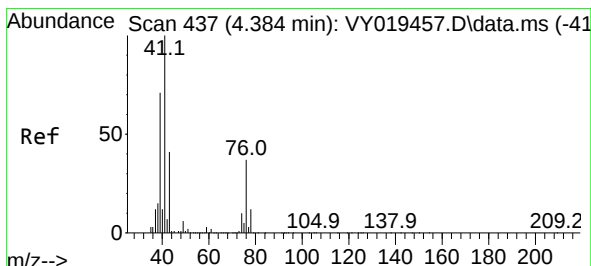
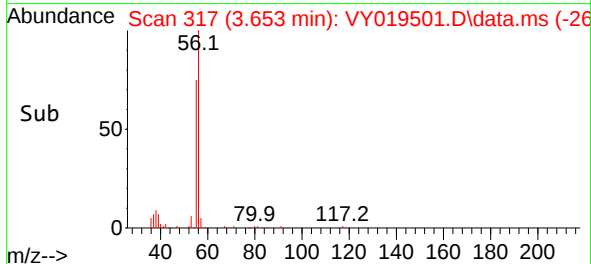
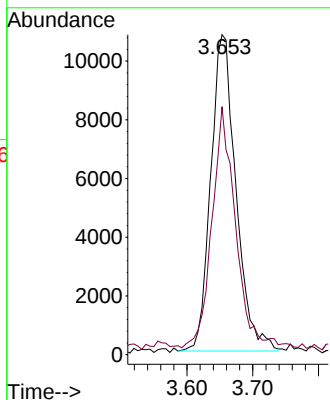
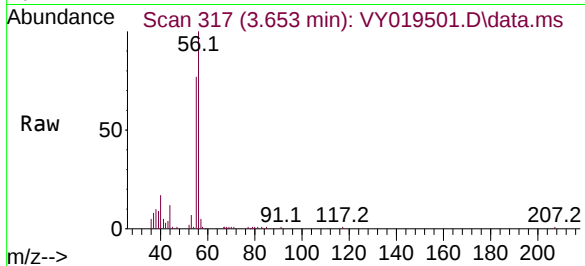




#13
Acrolein
Concen: 147.006 ug/l
RT: 3.653 min Scan# 317
Delta R.T. 0.000 min
Lab File: VY019501.D
Acq: 11 Sep 2024 10:41

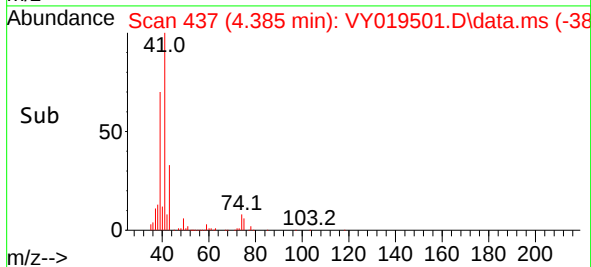
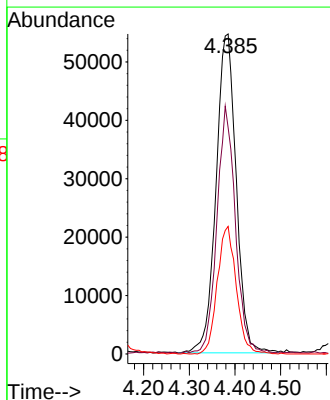
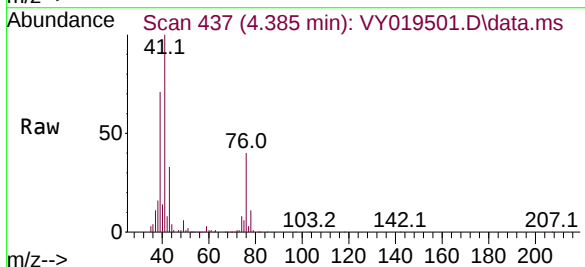
Instrument :
MSVOA_Y
ClientSampleId :

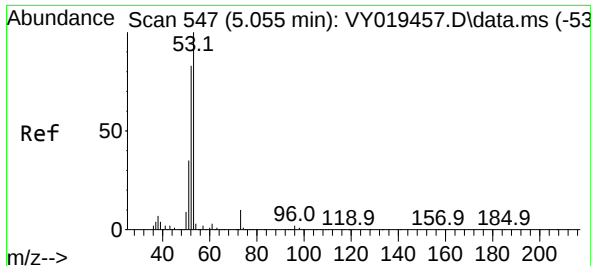
Tgt Ion: 56 Resp: 28757
Ion Ratio Lower Upper
56 100
55 69.7 55.7 83.5



#14
Allyl chloride
Concen: 20.175 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY019501.D
Acq: 11 Sep 2024 10:41

Tgt Ion: 41 Resp: 167690
Ion Ratio Lower Upper
41 100
39 70.4 58.3 87.5
76 37.6 39.0 58.6#





#15

Acrylonitrile

Concen: 107.550 ug/l

RT: 5.055 min Scan# 54

Delta R.T. 0.000 min

Lab File: VY019501.D

Acq: 11 Sep 2024 10:41

Instrument :

MSVOA_Y

ClientSampleId :

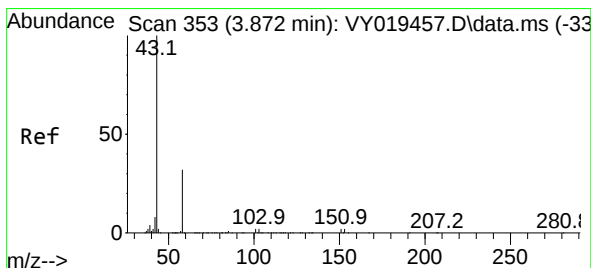
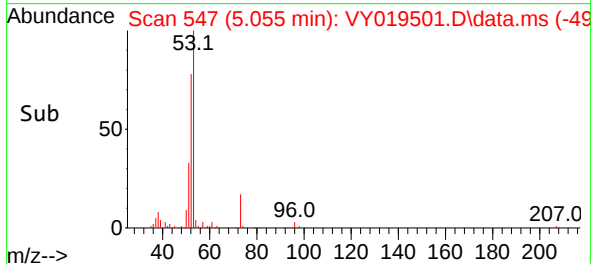
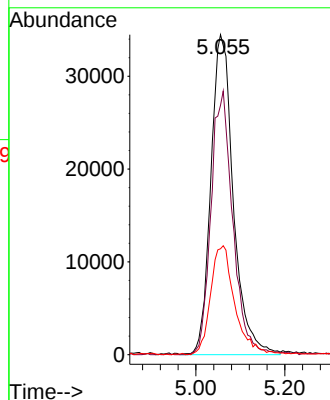
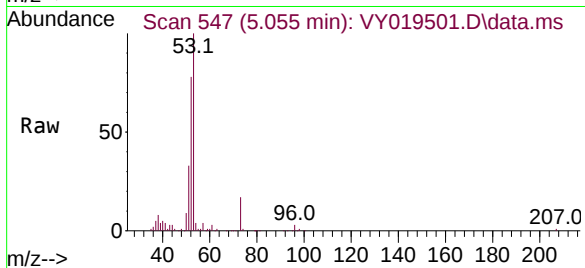
Tgt Ion: 53 Resp: 121273

Ion Ratio Lower Upper

53 100

52 80.2 64.7 97.1

51 36.7 28.4 42.6



#16

Acetone

Concen: 108.574 ug/l

RT: 3.873 min Scan# 353

Delta R.T. 0.000 min

Lab File: VY019501.D

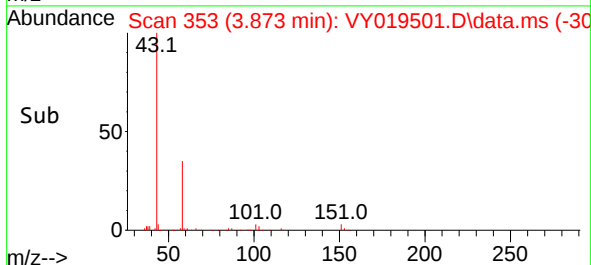
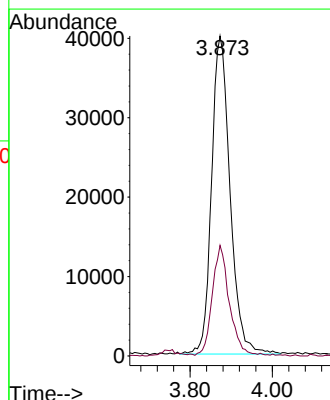
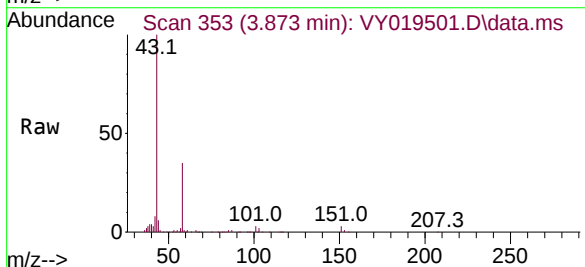
Acq: 11 Sep 2024 10:41

Tgt Ion: 43 Resp: 125123

Ion Ratio Lower Upper

43 100

58 34.4 31.7 47.5

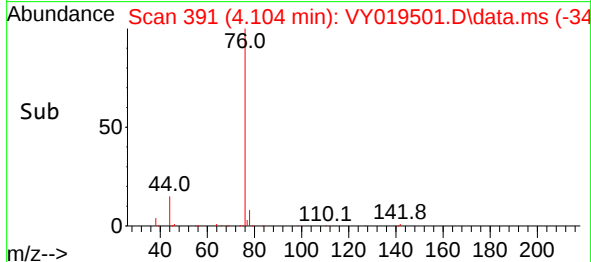
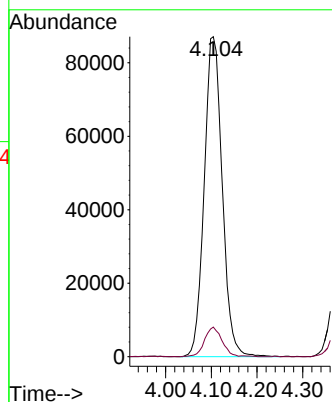
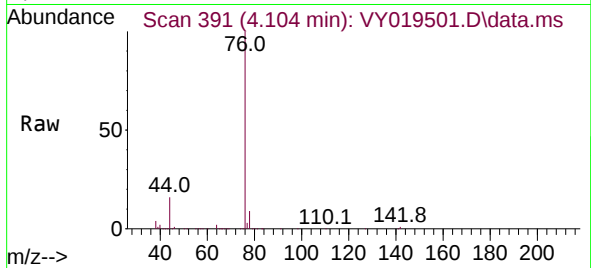




#17
Carbon Disulfide
Concen: 19.036 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY019501.D
Acq: 11 Sep 2024 10:41

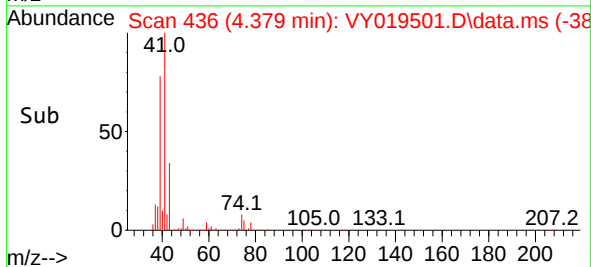
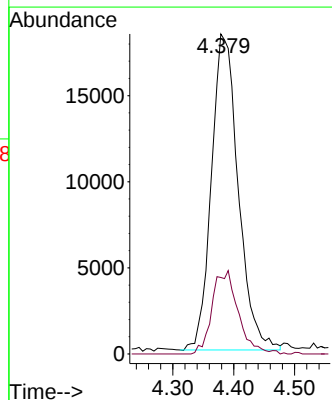
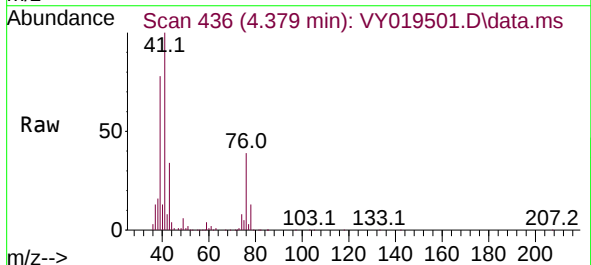
Instrument :
MSVOA_Y
ClientSampleId :

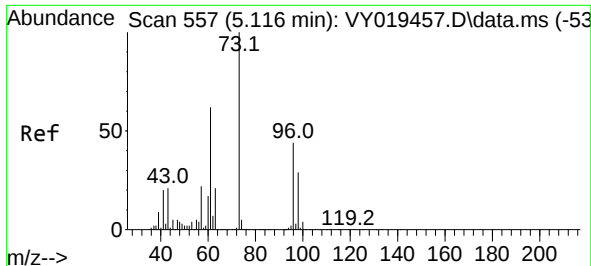
Tgt Ion: 76 Resp: 238378
Ion Ratio Lower Upper
76 100
78 9.2 6.8 10.2



#18
Methyl Acetate
Concen: 17.979 ug/l
RT: 4.379 min Scan# 436
Delta R.T. -0.006 min
Lab File: VY019501.D
Acq: 11 Sep 2024 10:41

Tgt Ion: 43 Resp: 56228
Ion Ratio Lower Upper
43 100
74 25.6 23.3 34.9

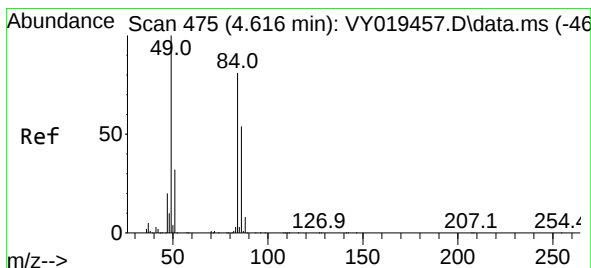
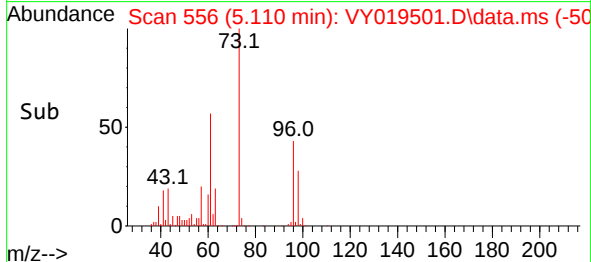
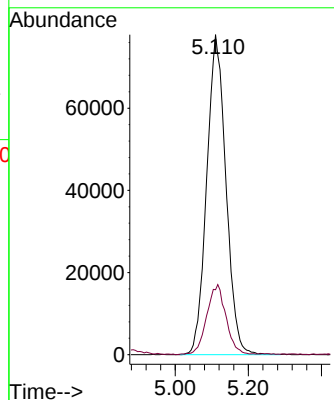
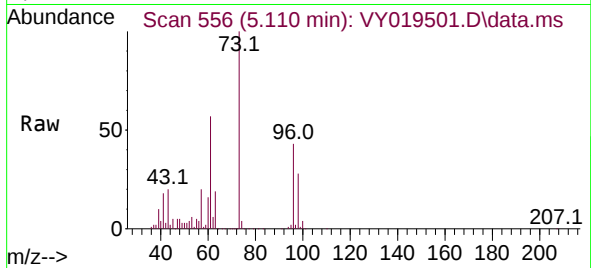




#19
Methyl tert-butyl Ether
Concen: 21.626 ug/l
RT: 5.110 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY019501.D
Acq: 11 Sep 2024 10:41

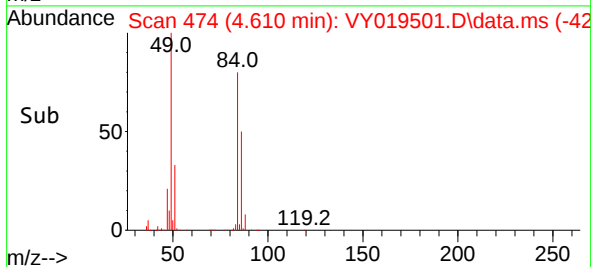
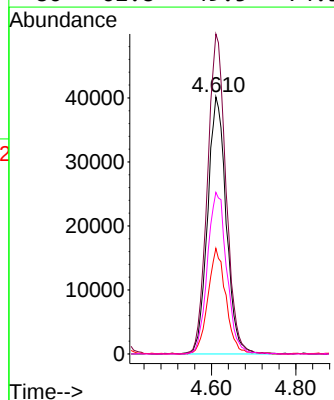
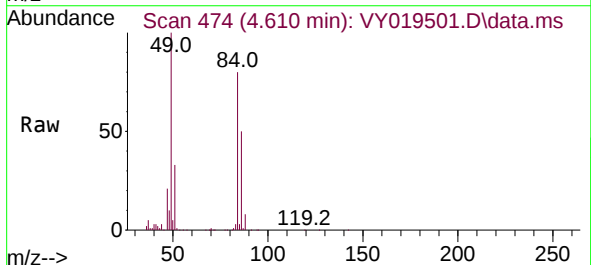
Instrument :
MSVOA_Y
ClientSampleId :

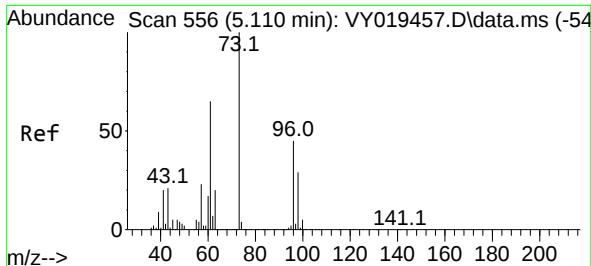
Tgt Ion: 73 Resp: 283889
Ion Ratio Lower Upper
73 100
57 20.2 17.3 25.9



#20
Methylene Chloride
Concen: 23.427 ug/l
RT: 4.610 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY019501.D
Acq: 11 Sep 2024 10:41

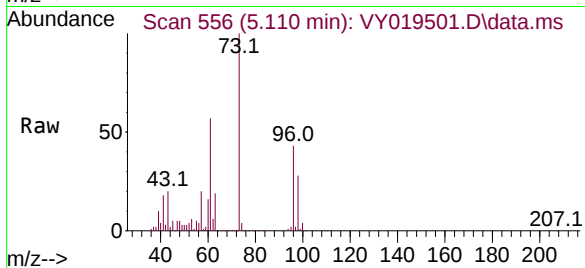
Tgt Ion: 84 Resp: 123123
Ion Ratio Lower Upper
84 100
49 124.4 84.4 126.6
51 41.1 26.0 39.0#
86 62.8 49.5 74.3



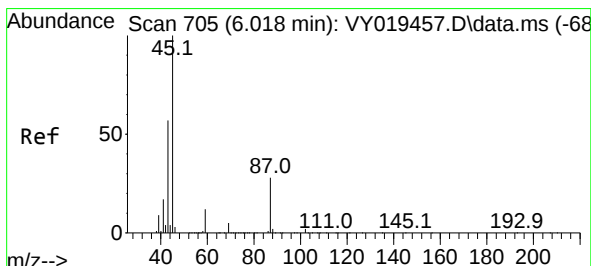
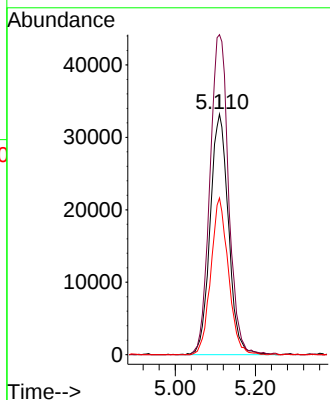
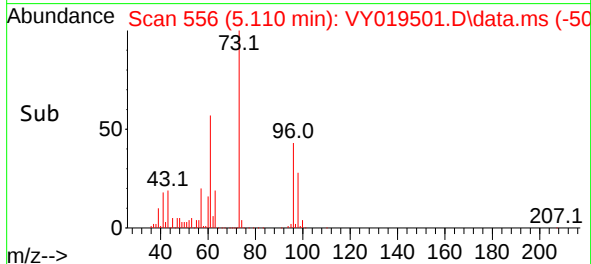


#21
trans-1,2-Dichloroethene
Concen: 20.715 ug/l
RT: 5.110 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY019501.D
Acq: 11 Sep 2024 10:41

Instrument :
MSVOA_Y
ClientSampleId :

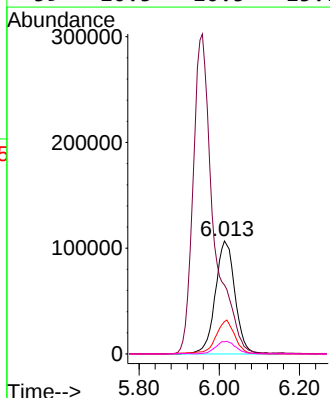
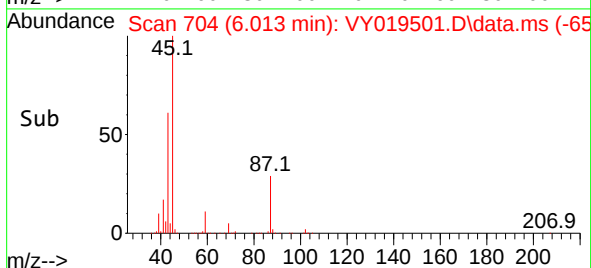
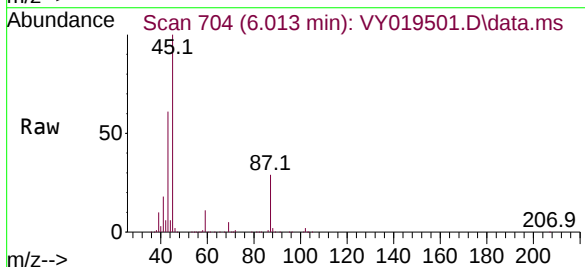


Tgt Ion: 96 Resp: 105237
Ion Ratio Lower Upper
96 100
61 133.1 97.5 146.3
98 65.1 50.5 75.7



#22
Diisopropyl ether
Concen: 21.296 ug/l
RT: 6.013 min Scan# 704
Delta R.T. -0.006 min
Lab File: VY019501.D
Acq: 11 Sep 2024 10:41

Tgt Ion: 45 Resp: 363488
Ion Ratio Lower Upper
45 100
43 60.1 42.2 63.2
87 28.6 25.0 37.6
59 10.5 10.5 15.7

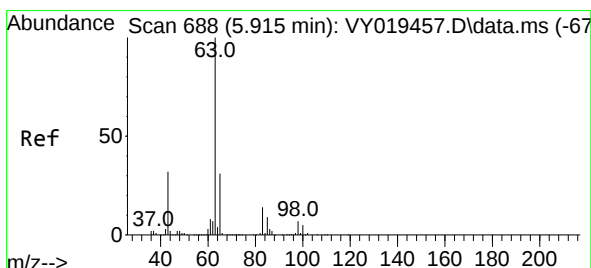
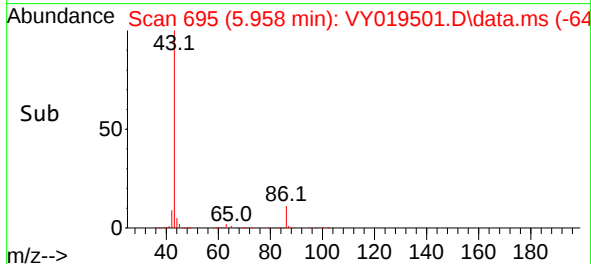
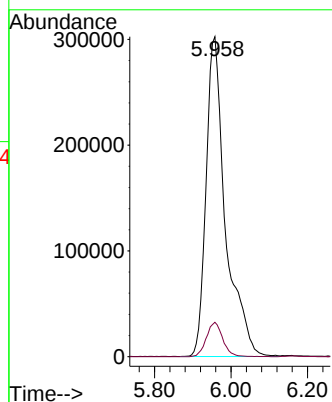
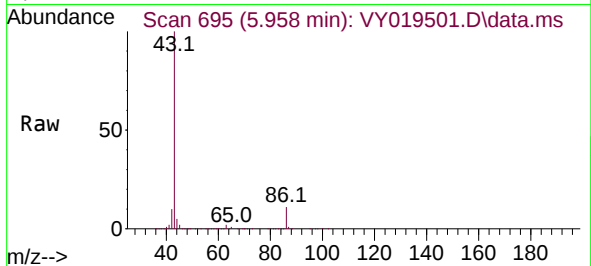




#23
 Vinyl Acetate
 Concen: 109.243 ug/l
 RT: 5.958 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY019501.D
 Acq: 11 Sep 2024 10:41

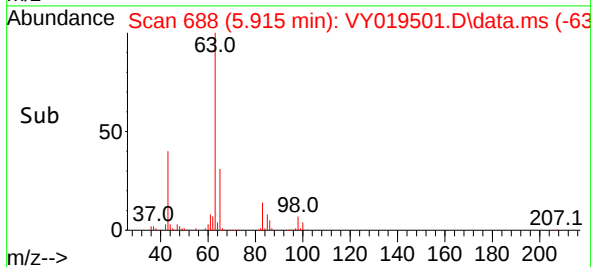
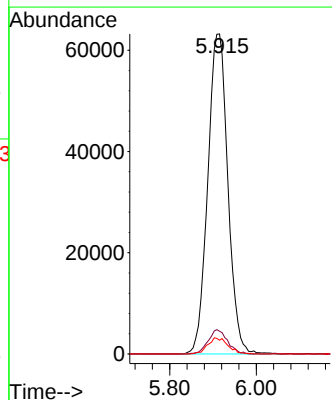
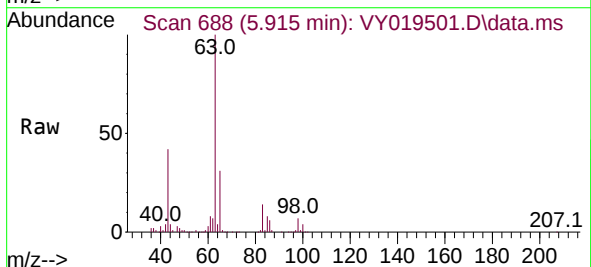
Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion: 43 Resp: 1065031
 Ion Ratio Lower Upper
 43 100
 86 10.8 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 21.257 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY019501.D
 Acq: 11 Sep 2024 10:41

Tgt Ion: 63 Resp: 203594
 Ion Ratio Lower Upper
 63 100
 98 7.1 4.0 12.2
 100 4.3 2.6 8.0





#25

2-Butanone

Concen: 108.094 ug/l

RT: 6.890 min Scan# 84

Delta R.T. 0.000 min

Lab File: VY019501.D

Acq: 11 Sep 2024 10:41

Instrument :

MSVOA_Y

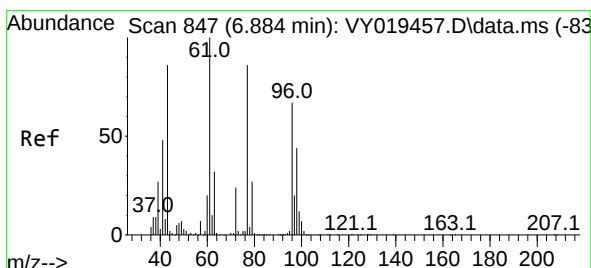
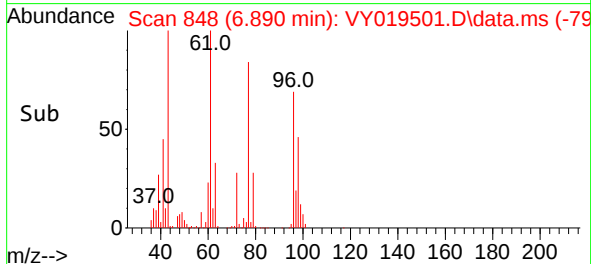
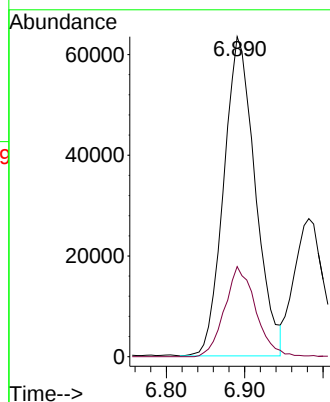
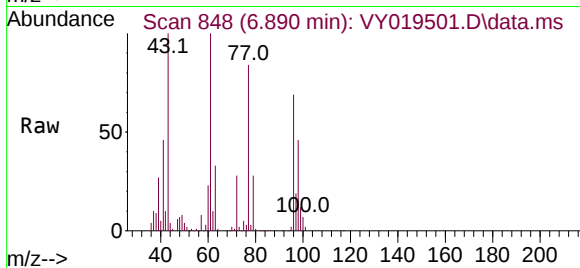
ClientSampleId :

Tgt Ion: 43 Resp: 177170

Ion Ratio Lower Upper

43 100

72 28.2 27.3 40.9



#26

2,2-Dichloropropane

Concen: 21.401 ug/l

RT: 6.878 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY019501.D

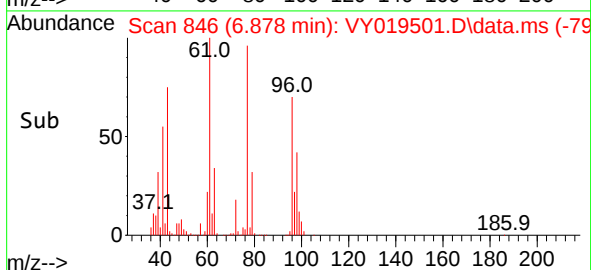
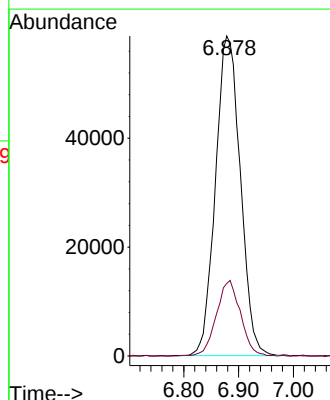
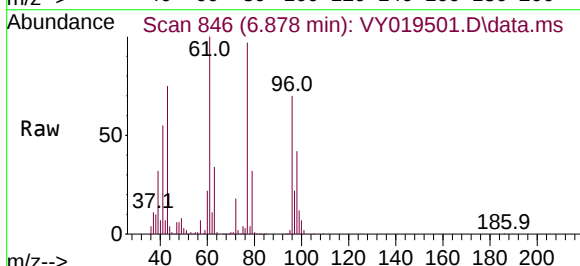
Acq: 11 Sep 2024 10:41

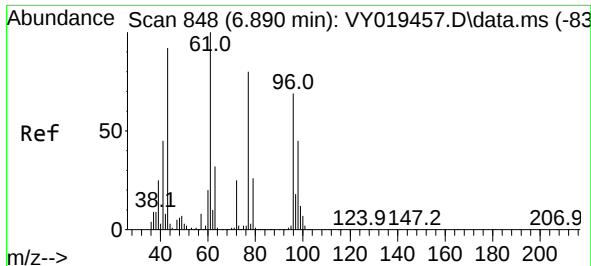
Tgt Ion: 77 Resp: 184891

Ion Ratio Lower Upper

77 100

97 22.9 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 21.173 ug/l

RT: 6.884 min Scan# 84

Delta R.T. -0.006 min

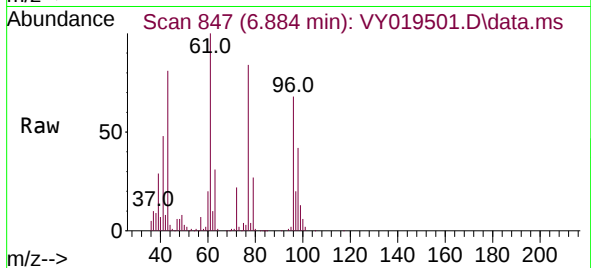
Lab File: VY019501.D

Acq: 11 Sep 2024 10:41

Instrument :

MSVOA_Y

ClientSampleId :



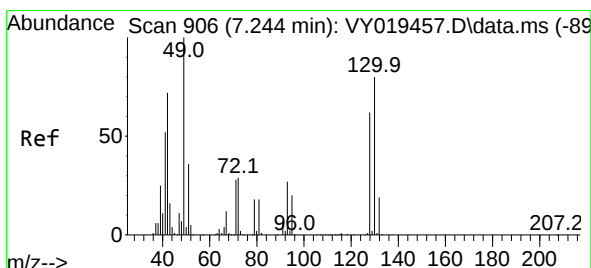
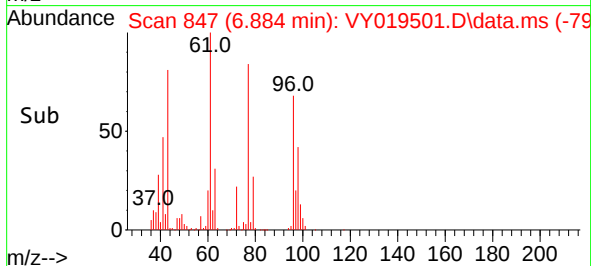
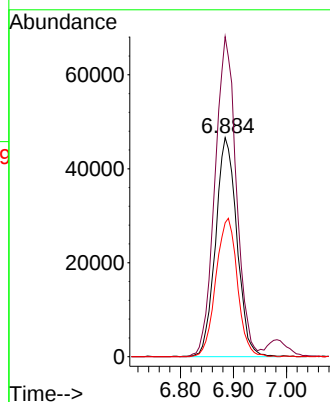
Tgt Ion: 96 Resp: 130661

Ion Ratio Lower Upper

96 100

61 146.0 0.0 256.2

98 63.7 0.0 130.0



#28

Bromochloromethane

Concen: 18.720 ug/l

RT: 7.238 min Scan# 905

Delta R.T. -0.006 min

Lab File: VY019501.D

Acq: 11 Sep 2024 10:41

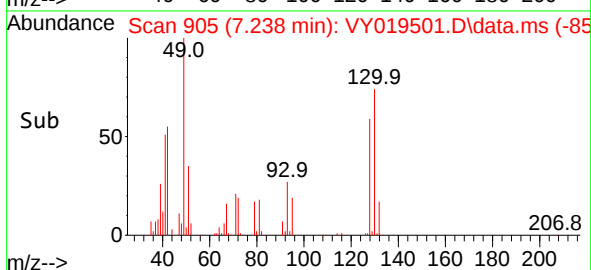
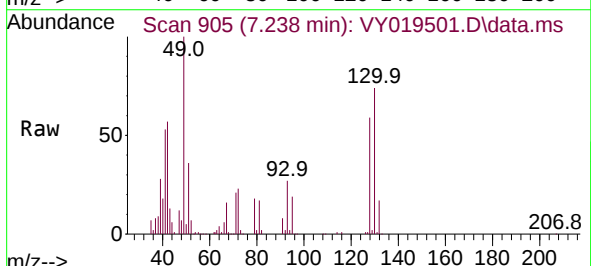
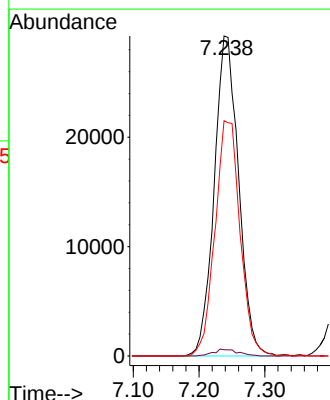
Tgt Ion: 49 Resp: 75438

Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.6

130 75.5 72.7 109.1





#29

Tetrahydrofuran

Concen: 103.849 ug/l

RT: 7.262 min Scan# 909

Delta R.T. 0.000 min

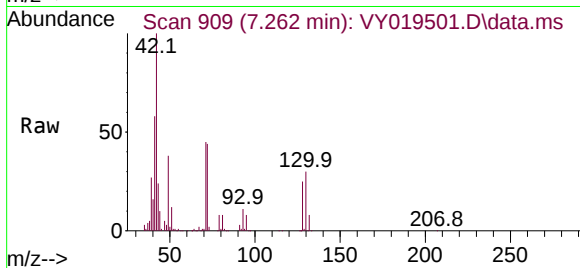
Lab File: VY019501.D

Acq: 11 Sep 2024 10:41

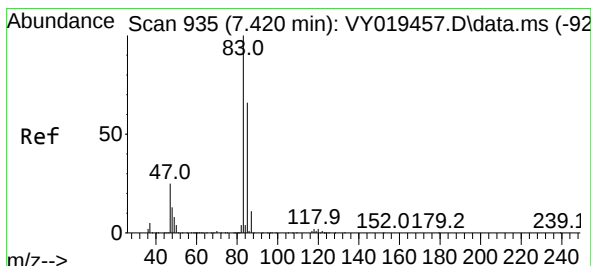
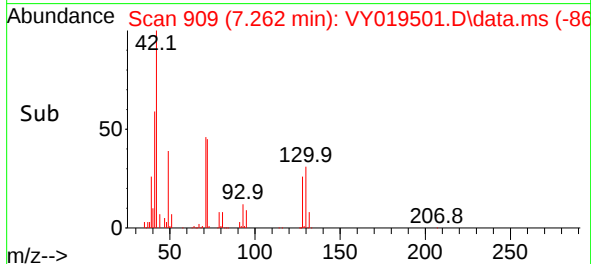
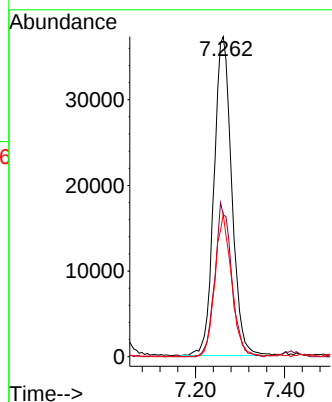
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	42	Resp:	103492
Ion	Ratio	Lower	Upper
42	100		
72	45.3	43.0	64.4
71	42.0	40.8	61.2



#30

Chloroform

Concen: 21.611 ug/l

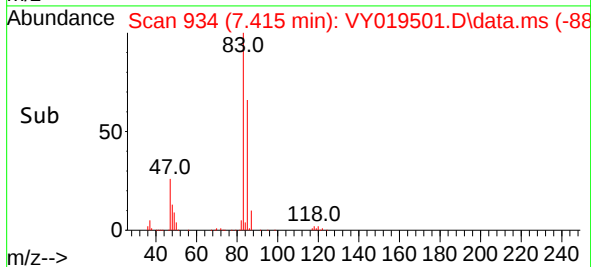
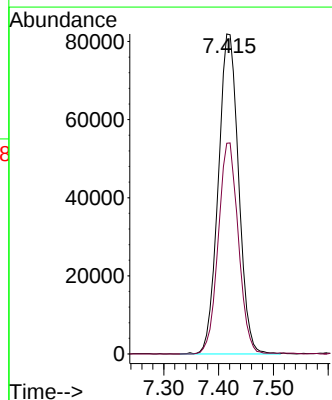
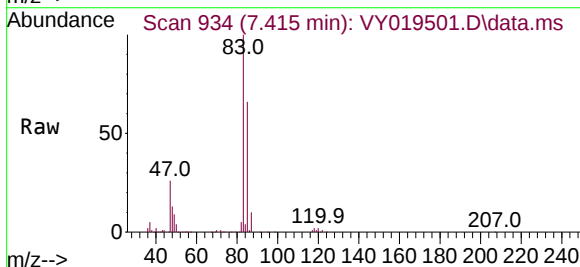
RT: 7.415 min Scan# 934

Delta R.T. -0.006 min

Lab File: VY019501.D

Acq: 11 Sep 2024 10:41

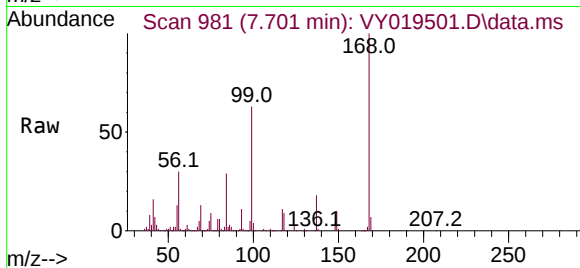
Tgt Ion:	83	Resp:	211300
Ion	Ratio	Lower	Upper
83	100		
85	65.8	52.2	78.4



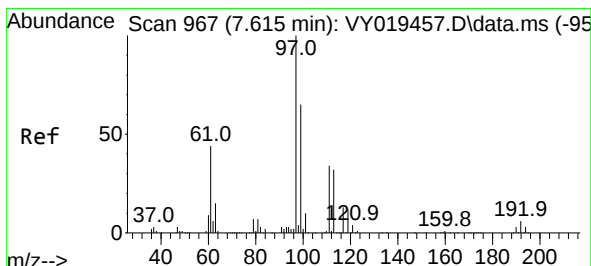
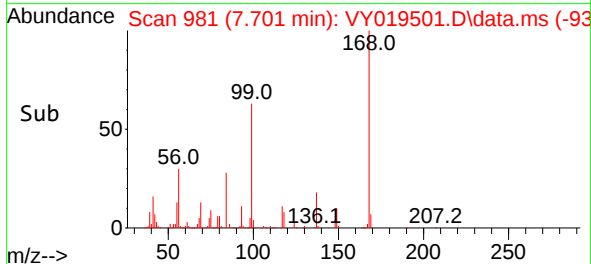
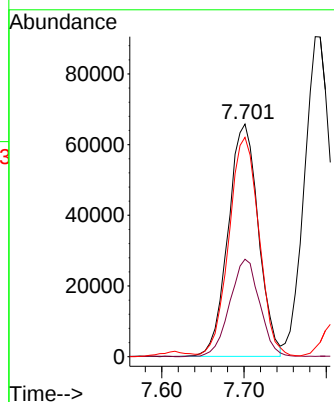


#31
Cyclohexane
Concen: 19.450 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY019501.D
Acq: 11 Sep 2024 10:41

Instrument :
MSVOA_Y
ClientSampleId :

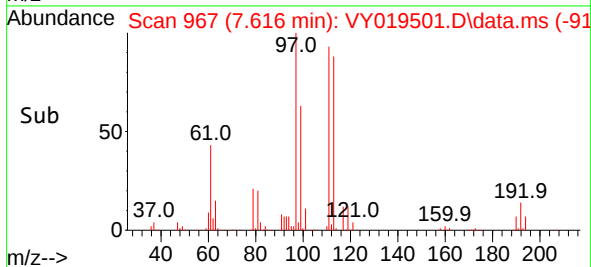
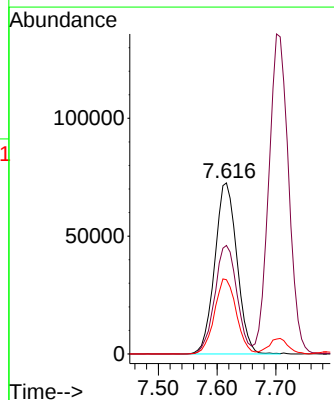
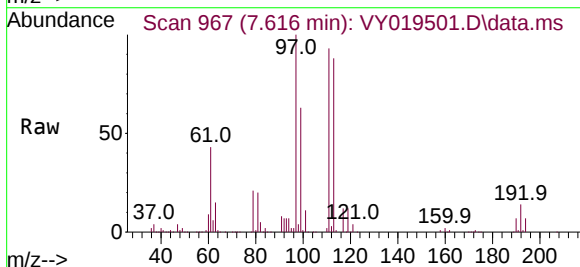


Tgt Ion: 56 Resp: 168385
Ion Ratio Lower Upper
56 100
69 41.9 28.7 43.1
84 92.6 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 21.694 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY019501.D
Acq: 11 Sep 2024 10:41

Tgt Ion: 97 Resp: 190118
Ion Ratio Lower Upper
97 100
99 63.8 50.3 75.5
61 43.3 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 54.171 ug/l

RT: 8.061 min Scan# 11040

Delta R.T. 0.000 min

Lab File: VY019501.D

Acq: 11 Sep 2024 10:41

Instrument :

MSVOA_Y

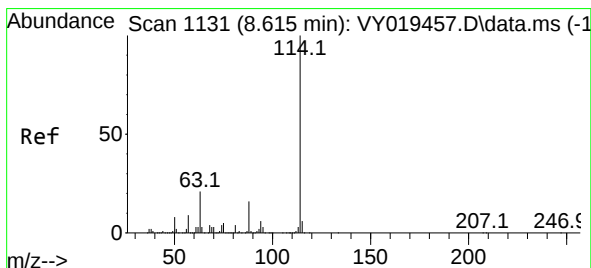
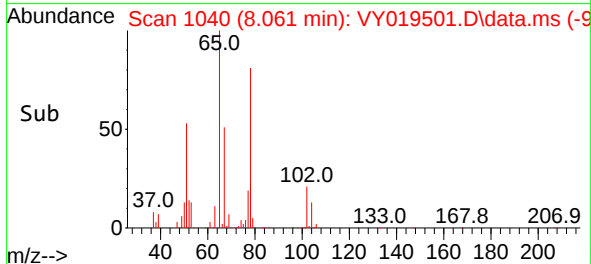
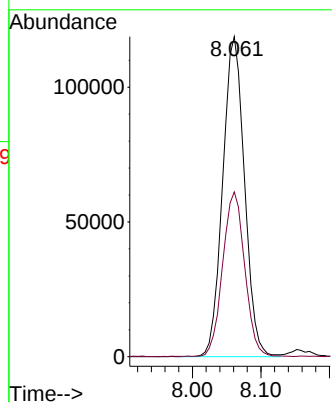
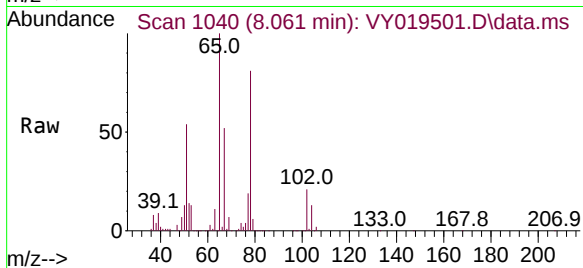
ClientSampleId :

Tgt Ion: 65 Resp: 262042

Ion Ratio Lower Upper

65 100

67 51.9 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: VY019501.D

Acq: 11 Sep 2024 10:41

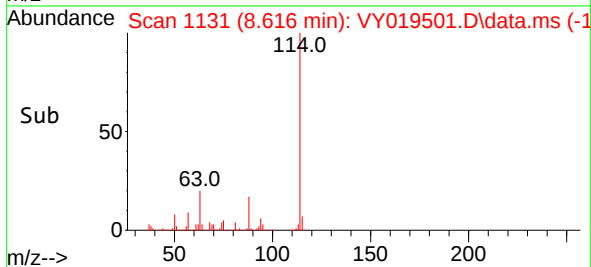
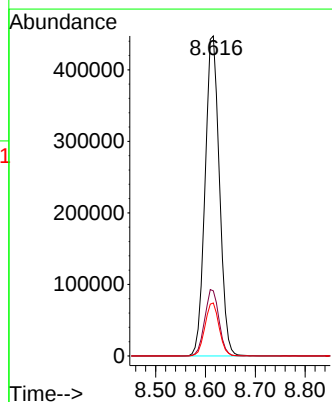
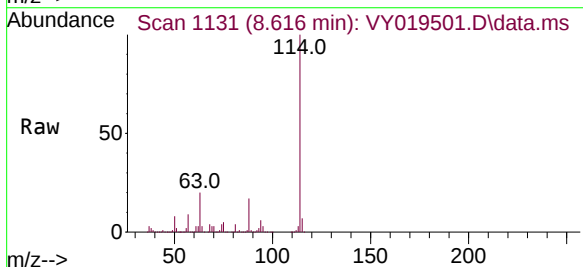
Tgt Ion: 114 Resp: 891409

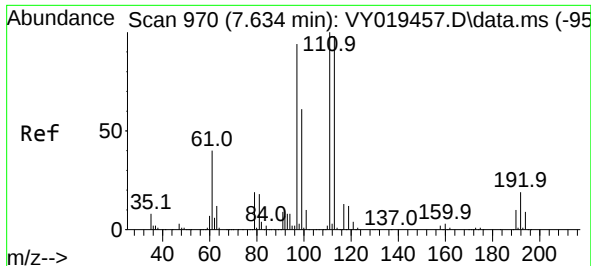
Ion Ratio Lower Upper

114 100

63 20.4 0.0 35.0

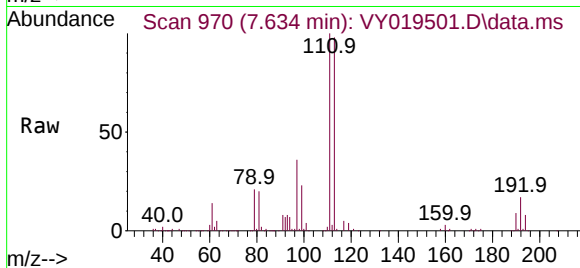
88 16.5 0.0 27.2



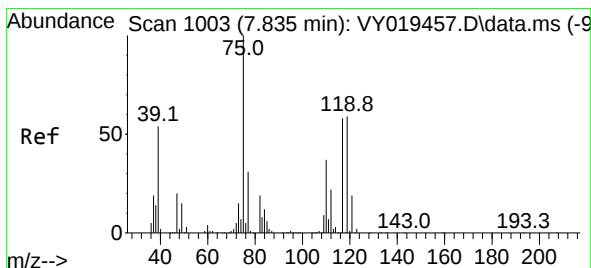
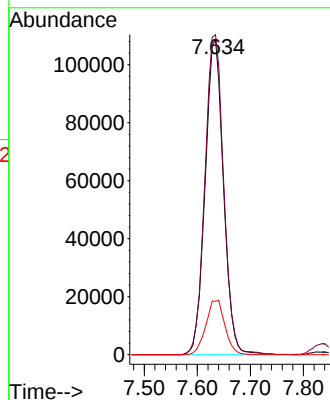
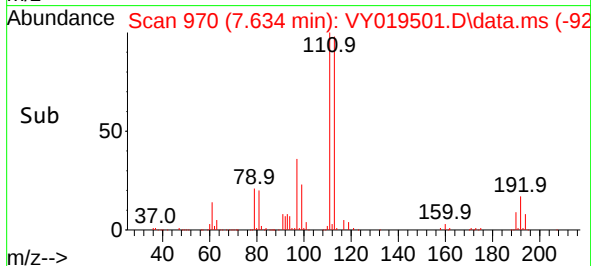


#35
Dibromofluoromethane
Concen: 51.670 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019501.D
Acq: 11 Sep 2024 10:41

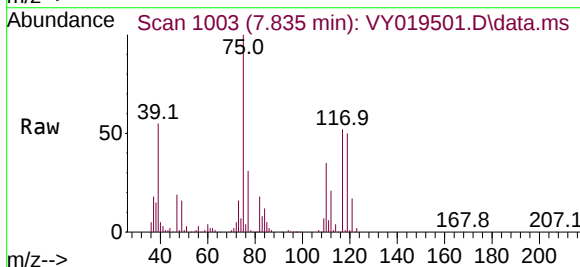
Instrument :
MSVOA_Y
ClientSampleId :



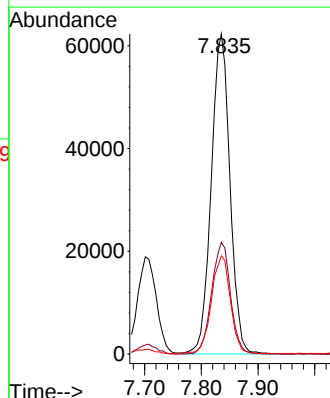
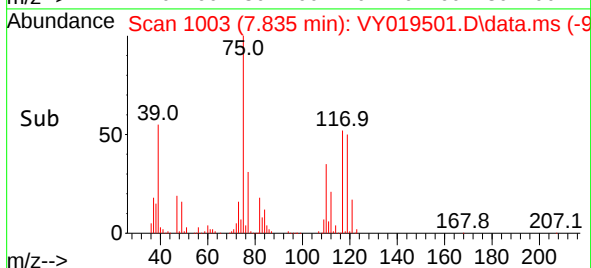
Tgt Ion:113 Resp: 261147
Ion Ratio Lower Upper
113 100
111 103.8 82.2 123.4
192 18.0 15.9 23.9



#36
1,1-Dichloropropene
Concen: 20.792 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY019501.D
Acq: 11 Sep 2024 10:41



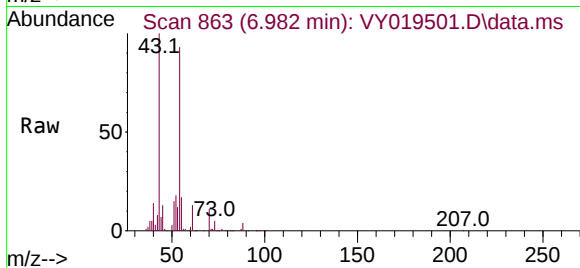
Tgt Ion: 75 Resp: 142990
Ion Ratio Lower Upper
75 100
110 35.0 19.0 57.0
77 31.3 25.3 37.9



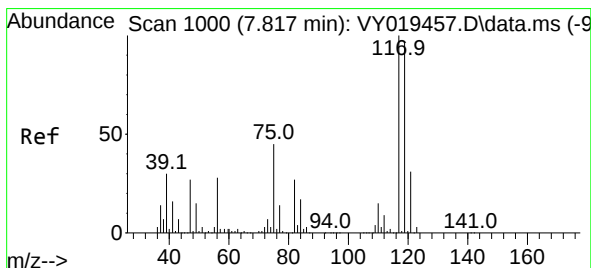
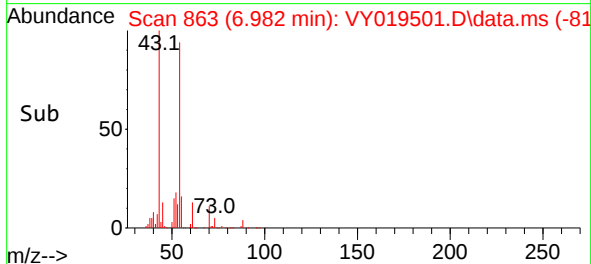
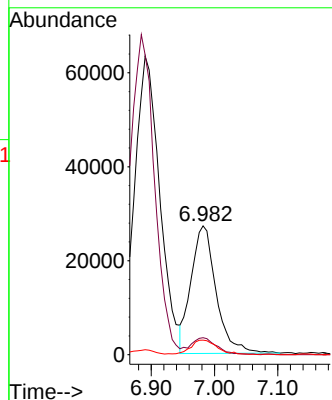


#37
Ethyl Acetate
Concen: 21.248 ug/l
RT: 6.982 min Scan# 80
Delta R.T. 0.000 min
Lab File: VY019501.D
Acq: 11 Sep 2024 10:41

Instrument :
MSVOA_Y
ClientSampleId :

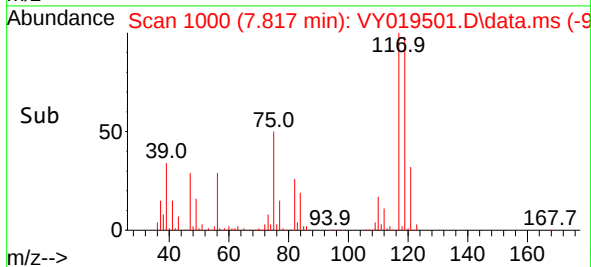
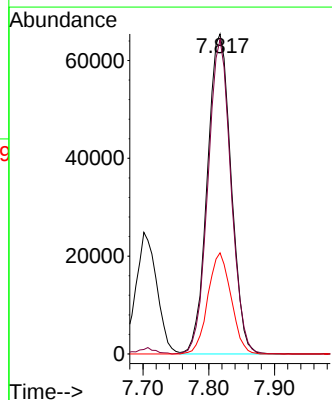
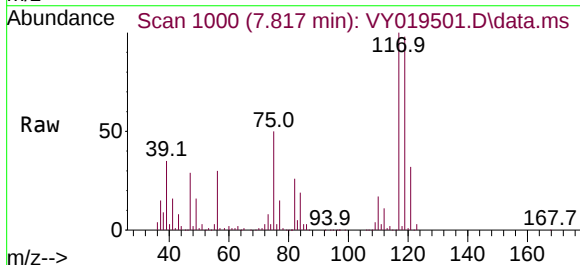


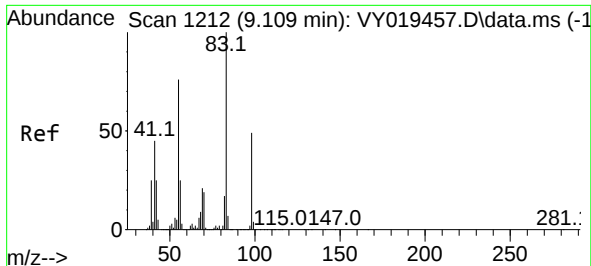
Tgt Ion: 43 Resp: 74872
Ion Ratio Lower Upper
43 100
61 12.5 12.6 19.0#
70 12.2 7.8 11.8#



#38
Carbon Tetrachloride
Concen: 21.241 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY019501.D
Acq: 11 Sep 2024 10:41

Tgt Ion: 117 Resp: 164732
Ion Ratio Lower Upper
117 100
119 98.2 75.8 113.6
121 31.6 24.0 36.0





#39

Methylcyclohexane

Concen: 19.967 ug/l

RT: 9.110 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019501.D

Acq: 11 Sep 2024 10:41

Instrument :

MSVOA_Y

ClientSampleId :

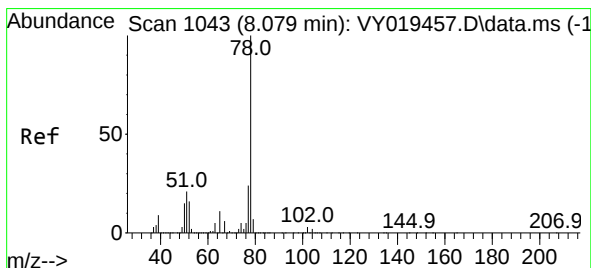
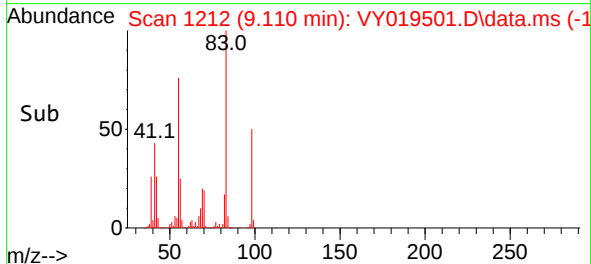
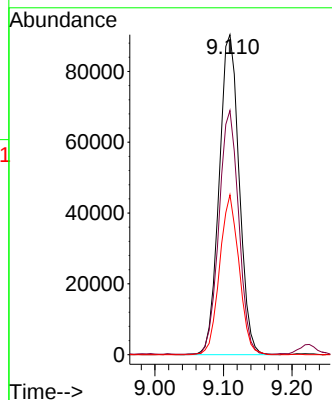
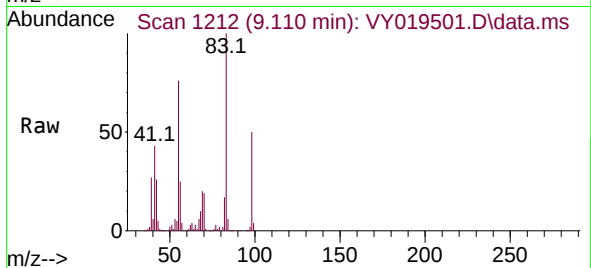
Tgt Ion: 83 Resp: 182741

Ion Ratio Lower Upper

83 100

55 76.1 51.5 77.3

98 50.0 40.5 60.7



#40

Benzene

Concen: 20.520 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VY019501.D

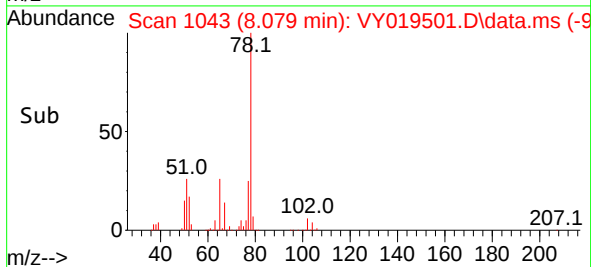
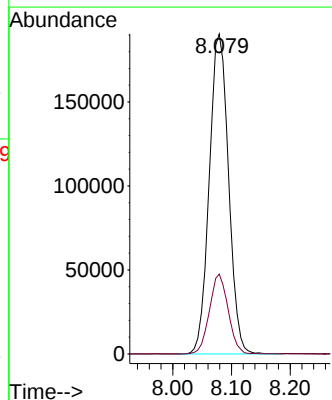
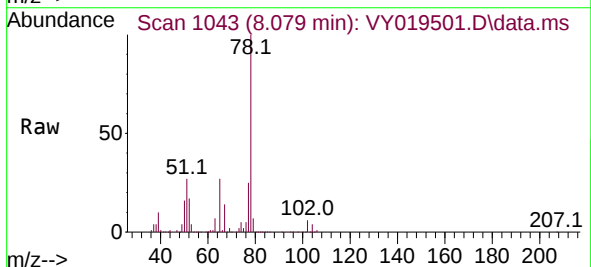
Acq: 11 Sep 2024 10:41

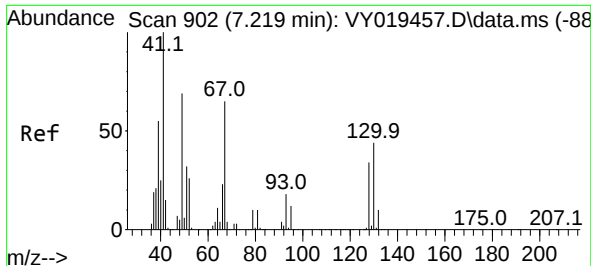
Tgt Ion: 78 Resp: 434649

Ion Ratio Lower Upper

78 100

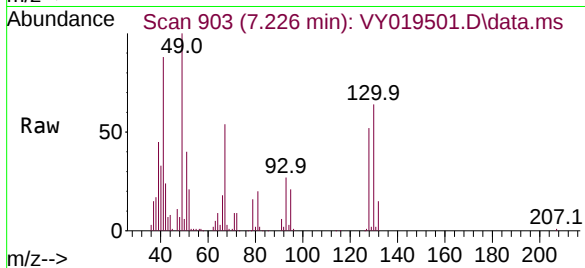
77 24.9 19.5 29.3



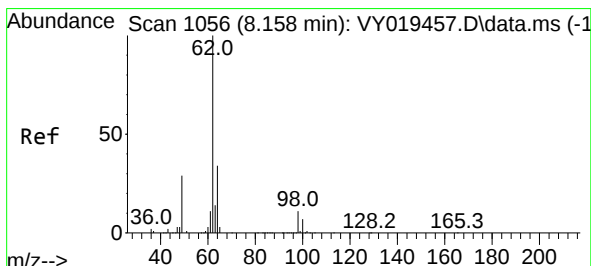
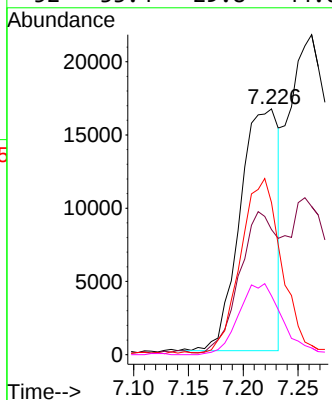
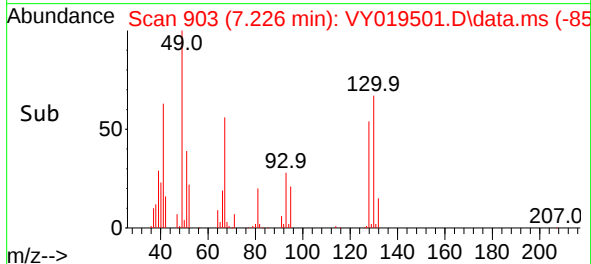


#41
Methacrylonitrile
Concen: 19.636 ug/l
RT: 7.226 min Scan# 902
Delta R.T. 0.007 min
Lab File: VY019501.D
Acq: 11 Sep 2024 10:41

Instrument :
MSVOA_Y
ClientSampleId :

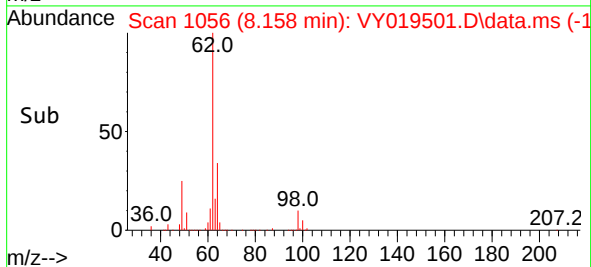
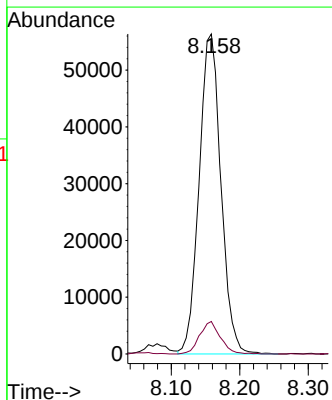
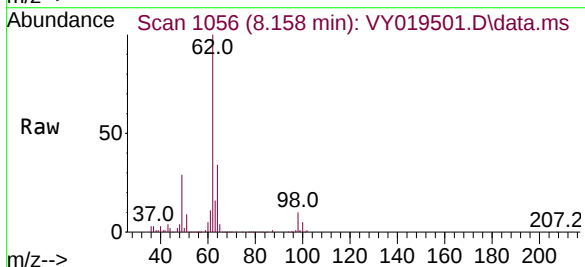


Tgt Ion:	41	Resp:	40334
Ion Ratio	100	Lower	Upper
39	55.7	48.0	72.0
67	76.3	75.1	112.7
52	33.4	29.8	44.6



#42
1,2-Dichloroethane
Concen: 21.911 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY019501.D
Acq: 11 Sep 2024 10:41

Tgt Ion:	62	Resp:	124891
Ion Ratio	100	Lower	Upper
98	9.7	0.0	22.0

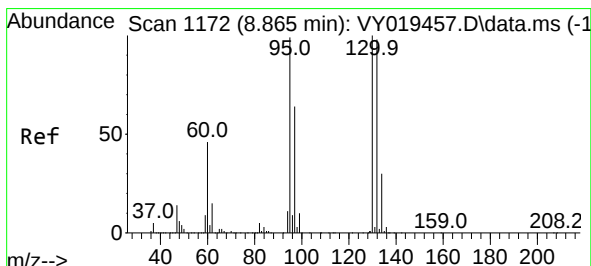
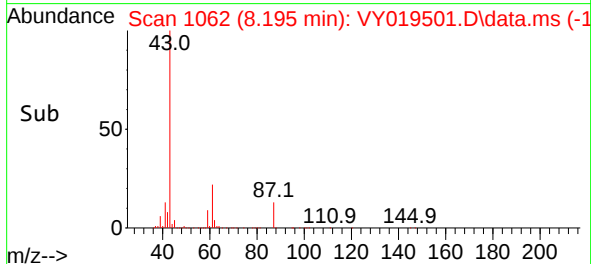
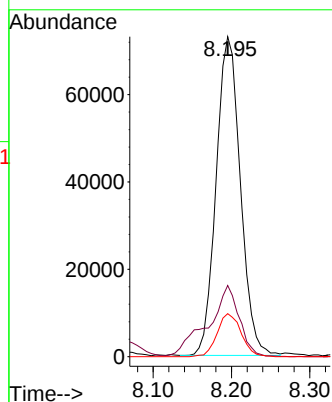
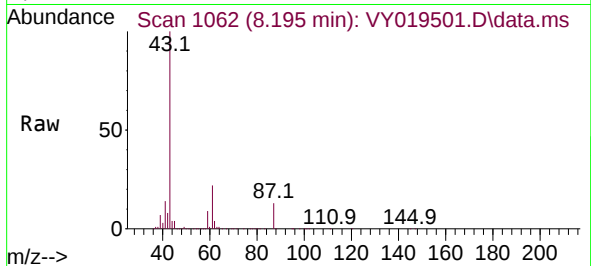




#43
Isopropyl Acetate
Concen: 21.208 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VY019501.D
Acq: 11 Sep 2024 10:41

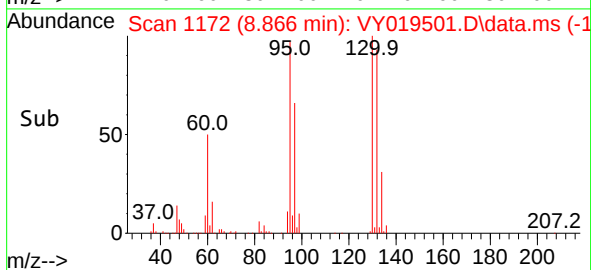
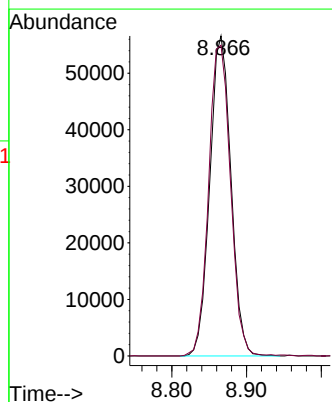
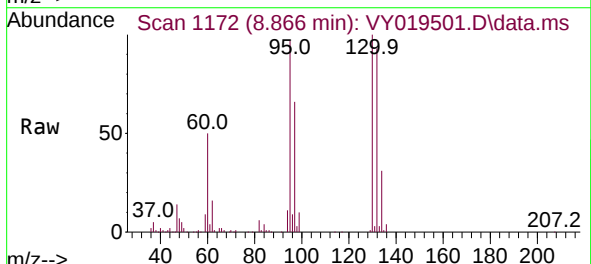
Instrument :
MSVOA_Y
ClientSampleId :

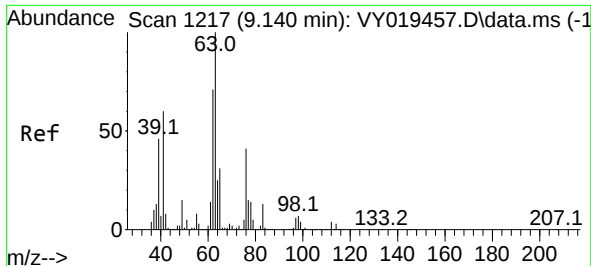
Tgt Ion: 43 Resp: 157006
Ion Ratio Lower Upper
43 100
61 29.0 27.9 41.9
87 13.4 13.1 19.7



#44
Trichloroethene
Concen: 20.450 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY019501.D
Acq: 11 Sep 2024 10:41

Tgt Ion:130 Resp: 111403
Ion Ratio Lower Upper
130 100
95 97.1 0.0 188.0





#45

1,2-Dichloropropane

Concen: 20.719 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY019501.D

Acq: 11 Sep 2024 10:41

Instrument :

MSVOA_Y

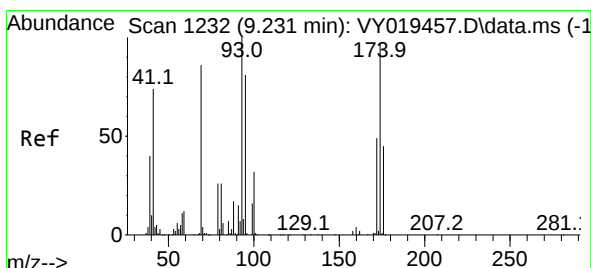
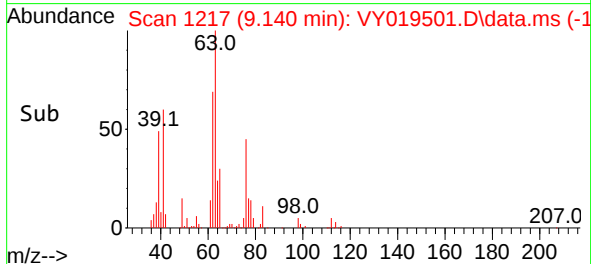
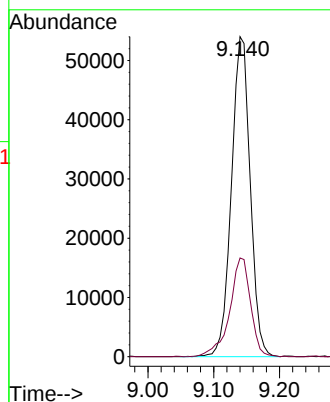
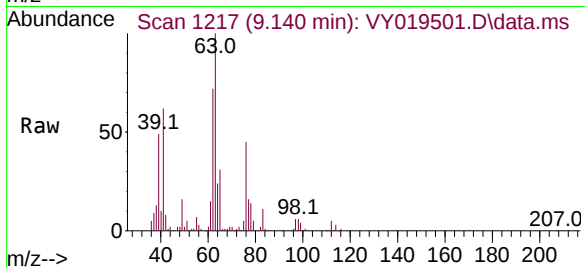
ClientSampleId :

Tgt Ion: 63 Resp: 107291

Ion Ratio Lower Upper

63 100

65 30.8 25.4 38.2



#46

Dibromomethane

Concen: 21.172 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY019501.D

Acq: 11 Sep 2024 10:41

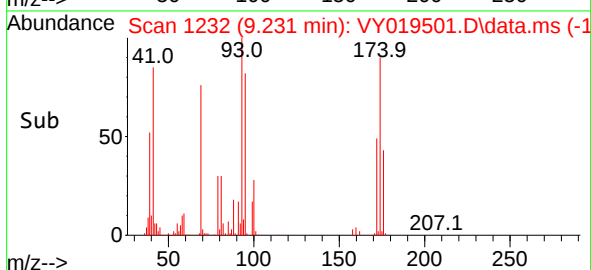
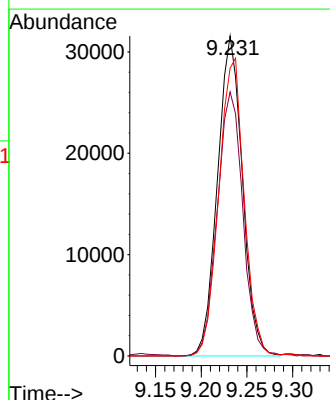
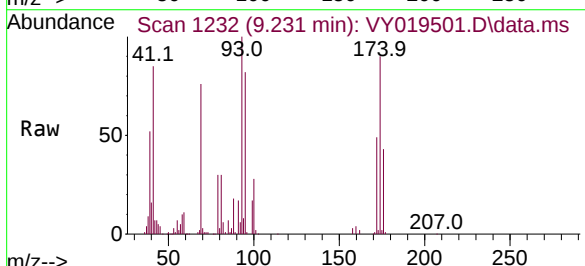
Tgt Ion: 93 Resp: 59955

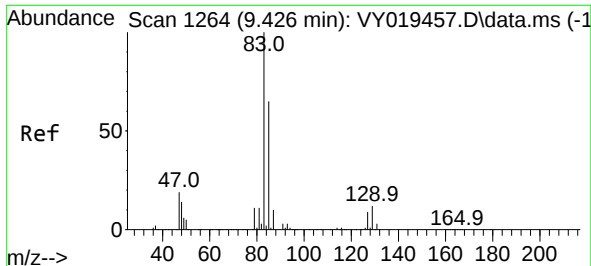
Ion Ratio Lower Upper

93 100

95 84.5 66.2 99.4

174 94.4 80.9 121.3

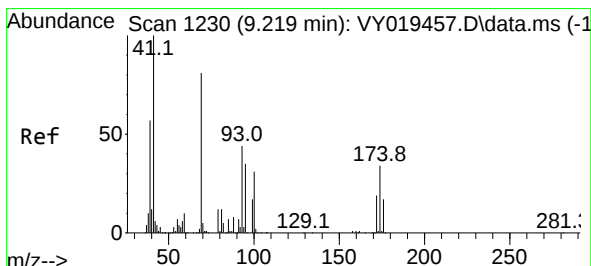
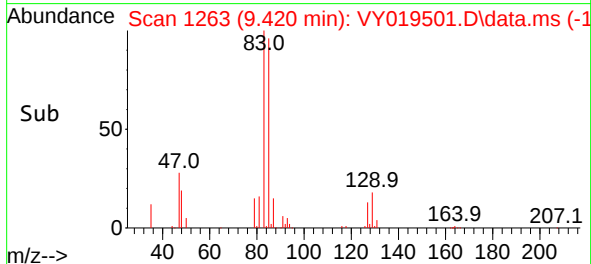
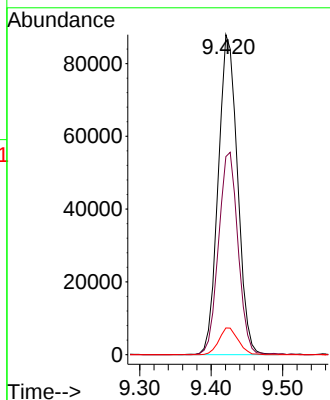
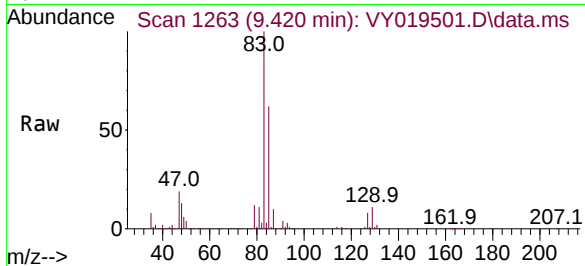




#47
Bromodichloromethane
Concen: 21.677 ug/l
RT: 9.420 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019501.D
Acq: 11 Sep 2024 10:41

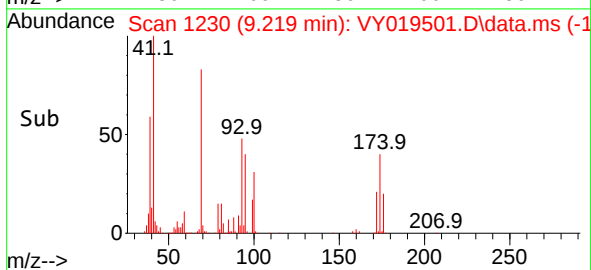
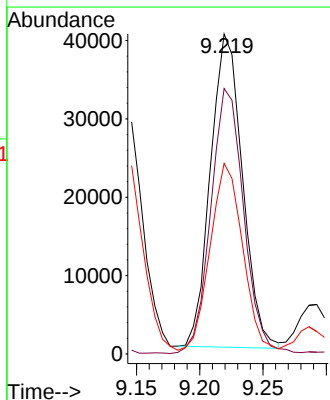
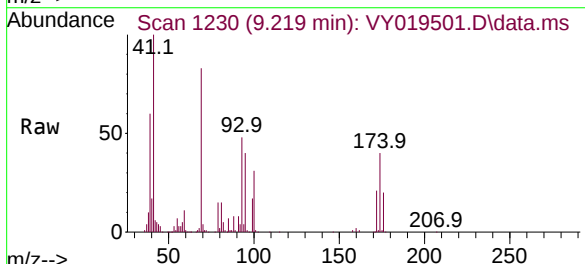
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 83 Resp: 165010
Ion Ratio Lower Upper
83 100
85 61.9 50.1 75.1
127 8.3 7.4 11.0



#48
Methyl methacrylate
Concen: 20.053 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY019501.D
Acq: 11 Sep 2024 10:41

Tgt Ion: 41 Resp: 70104
Ion Ratio Lower Upper
41 100
69 87.0 84.1 126.1
39 60.5 43.6 65.4





#49

1,4-Dioxane

Concen: 426.729 ug/l

RT: 9.231 min Scan# 11

Delta R.T. 0.000 min

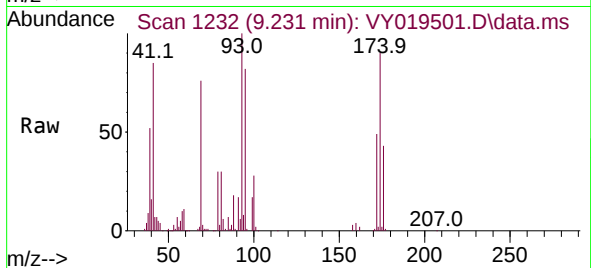
Lab File: VY019501.D

Acq: 11 Sep 2024 10:41

Instrument :

MSVOA_Y

ClientSampleId :



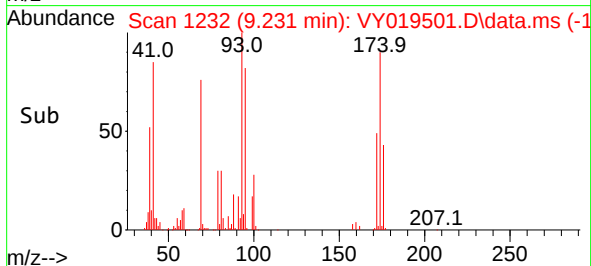
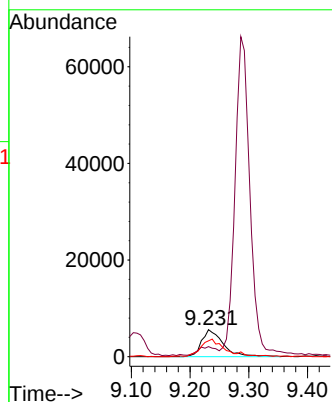
Tgt Ion: 88 Resp: 14226

Ion Ratio Lower Upper

88 100

43 26.4 0.0 0.0#

58 66.1 49.3 73.9



#50

Toluene-d8

Concen: 51.922 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY019501.D

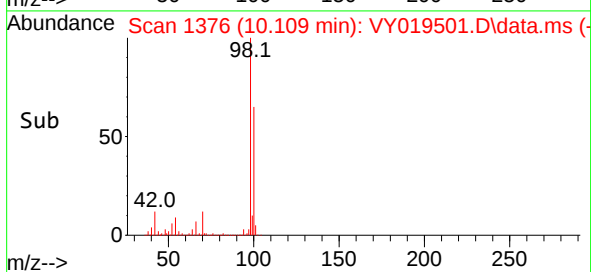
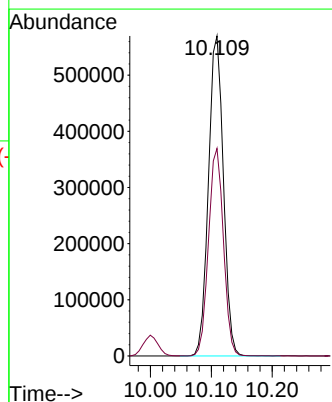
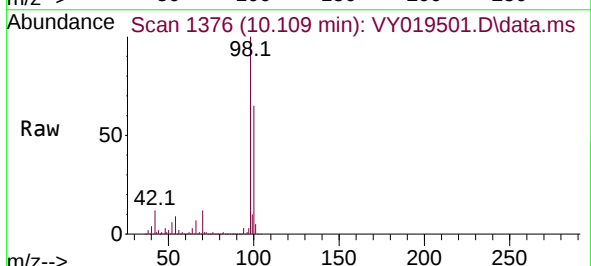
Acq: 11 Sep 2024 10:41

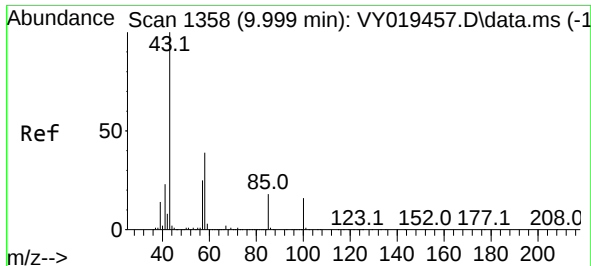
Tgt Ion: 98 Resp: 970627

Ion Ratio Lower Upper

98 100

100 64.7 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 105.805 ug/l

RT: 10.000 min Scan# 1358

Delta R.T. 0.000 min

Lab File: VY019501.D

Acq: 11 Sep 2024 10:41

Instrument :

MSVOA_Y

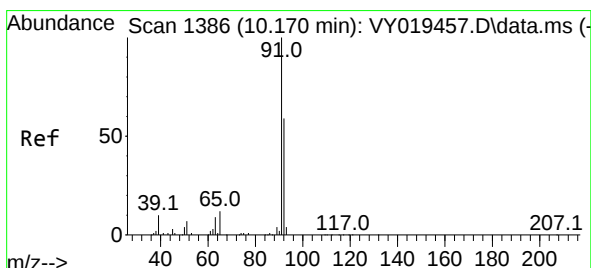
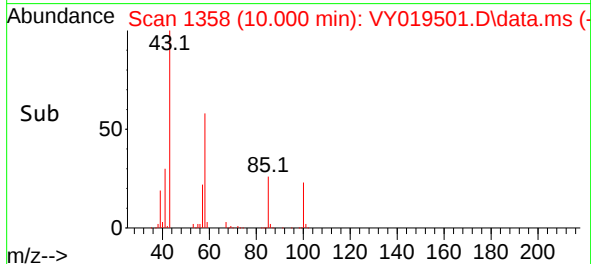
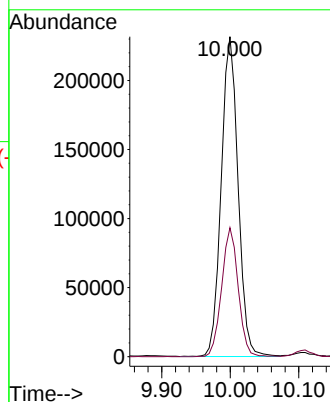
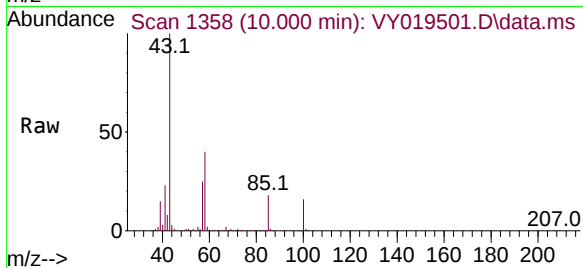
ClientSampleId :

Tgt Ion: 43 Resp: 394061

Ion Ratio Lower Upper

43 100

58 39.6 35.7 53.5



#52

Toluene

Concen: 20.933 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VY019501.D

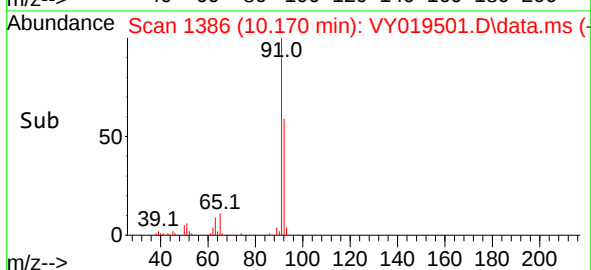
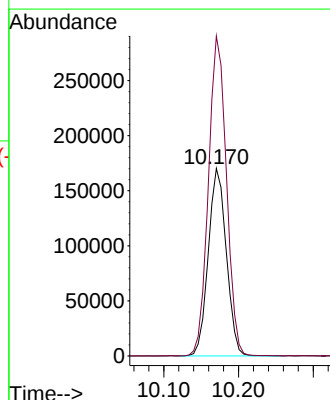
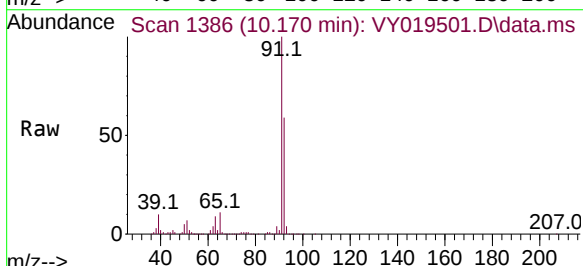
Acq: 11 Sep 2024 10:41

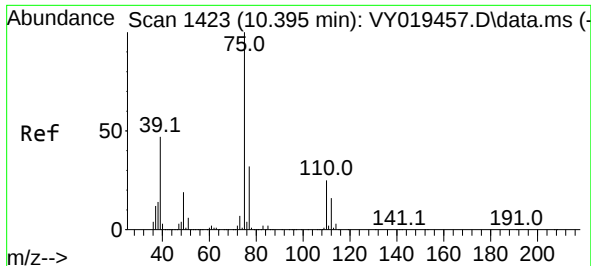
Tgt Ion: 92 Resp: 285175

Ion Ratio Lower Upper

92 100

91 170.6 139.0 208.6

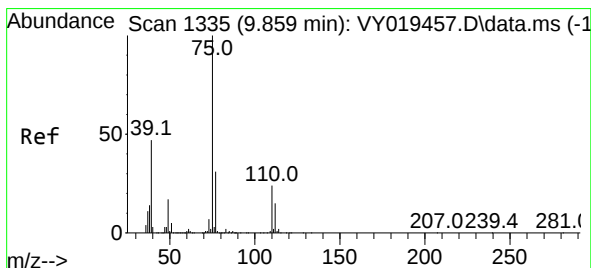
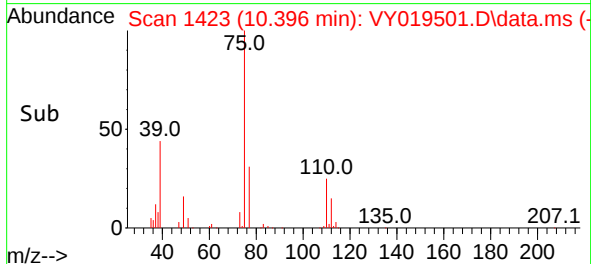
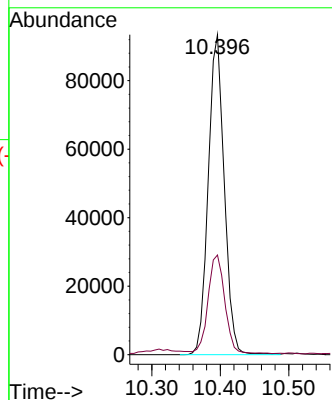
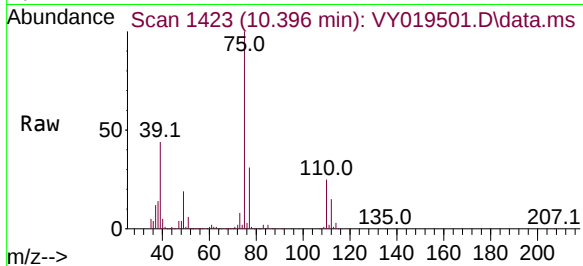




#53
 t-1,3-Dichloropropene
 Concen: 20.885 ug/l
 RT: 10.396 min Scan# 1423
 Delta R.T. 0.000 min
 Lab File: VY019501.D
 Acq: 11 Sep 2024 10:41

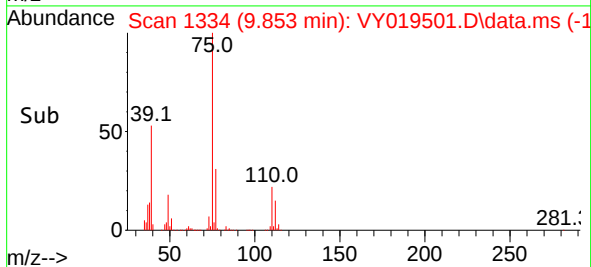
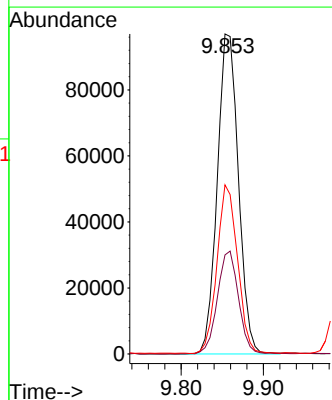
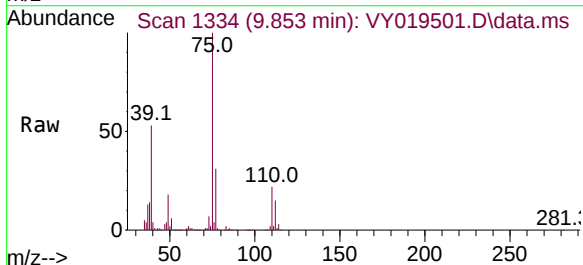
Instrument :
 MSVOA_Y
 ClientSampleId :

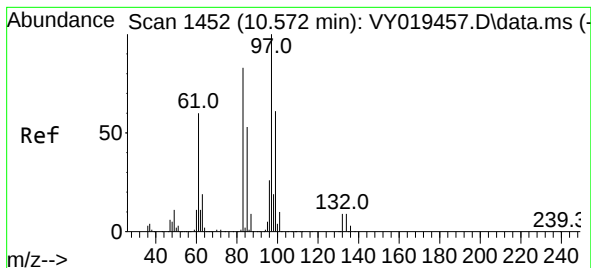
Tgt Ion: 75 Resp: 151554
 Ion Ratio Lower Upper
 75 100
 77 30.7 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 20.531 ug/l
 RT: 9.853 min Scan# 1334
 Delta R.T. -0.006 min
 Lab File: VY019501.D
 Acq: 11 Sep 2024 10:41

Tgt Ion: 75 Resp: 173480
 Ion Ratio Lower Upper
 75 100
 77 30.9 25.4 38.0
 39 52.6 29.8 44.6#





#55

1,1,2-Trichloroethane

Concen: 21.182 ug/l

RT: 10.573 min Scan# 1452

Delta R.T. 0.000 min

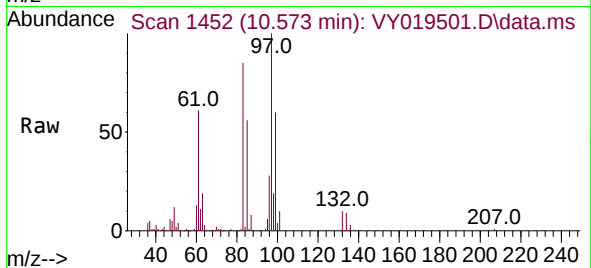
Lab File: VY019501.D

Acq: 11 Sep 2024 10:41

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 97 Resp: 82835

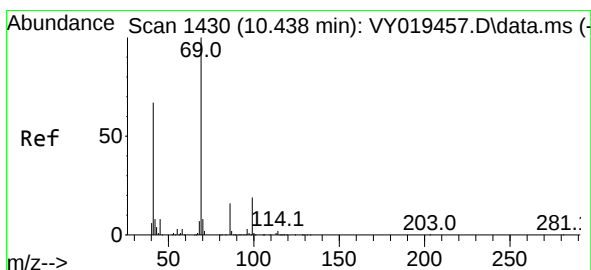
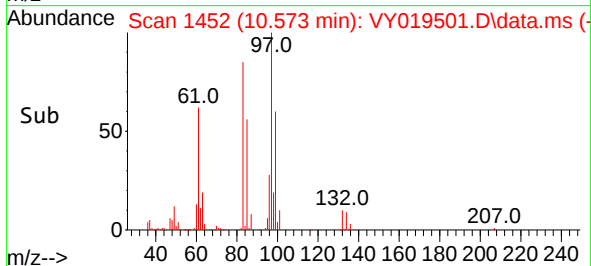
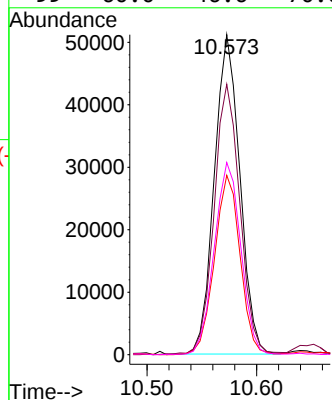
Ion Ratio Lower Upper

97 100

83 84.1 67.5 101.3

85 56.0 42.9 64.3

99 60.0 46.6 70.0



#56

Ethyl methacrylate

Concen: 21.056 ug/l

RT: 10.439 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VY019501.D

Acq: 11 Sep 2024 10:41

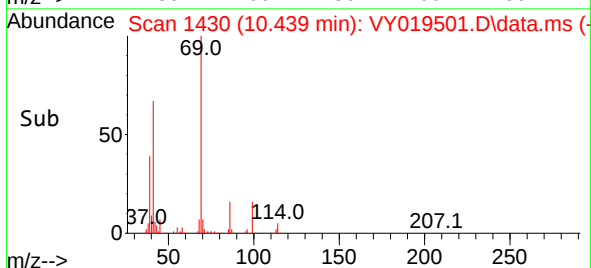
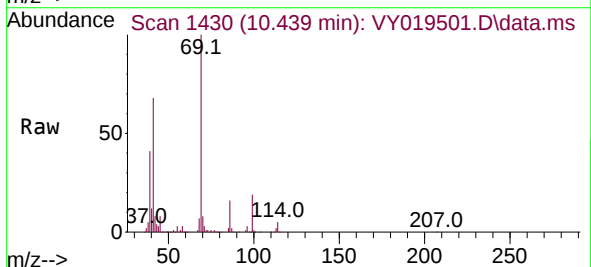
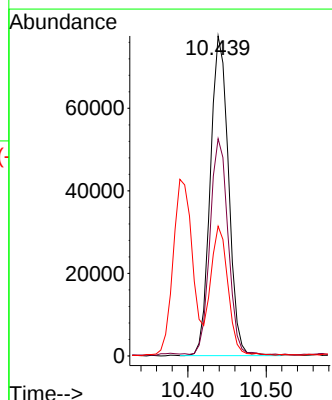
Tgt Ion: 69 Resp: 125084

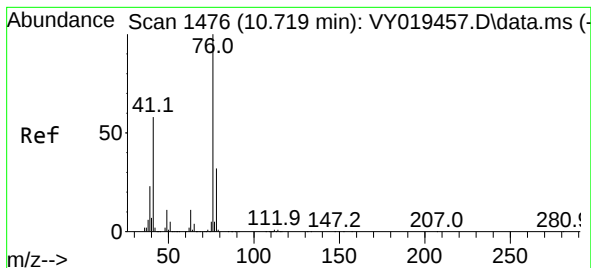
Ion Ratio Lower Upper

69 100

41 66.8 42.3 63.5#

39 37.7 22.9 34.3#





#57

1,3-Dichloropropane

Concen: 21.711 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY019501.D

Acq: 11 Sep 2024 10:41

Instrument :

MSVOA_Y

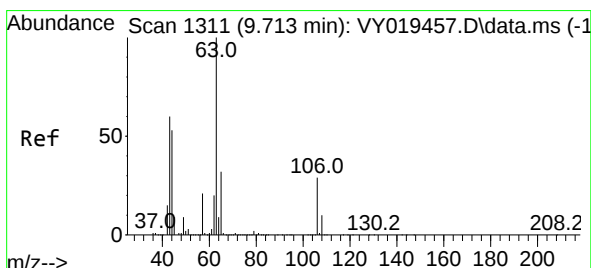
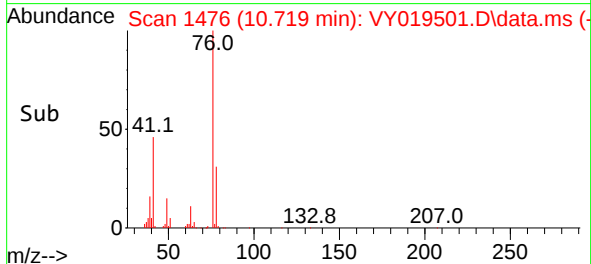
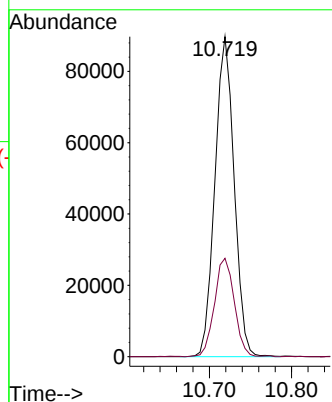
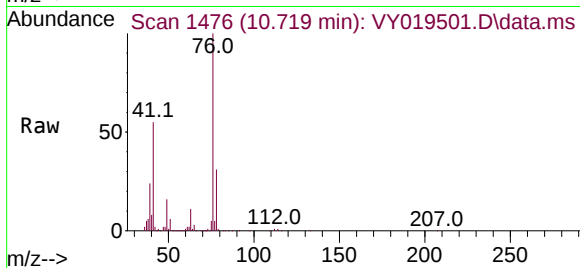
ClientSampleId :

Tgt Ion: 76 Resp: 145945

Ion Ratio Lower Upper

76 100

78 31.7 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 98.889 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY019501.D

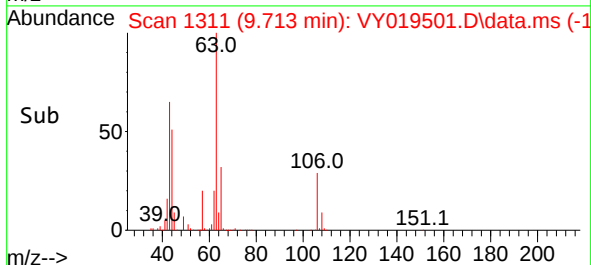
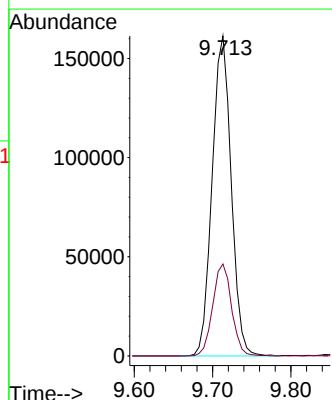
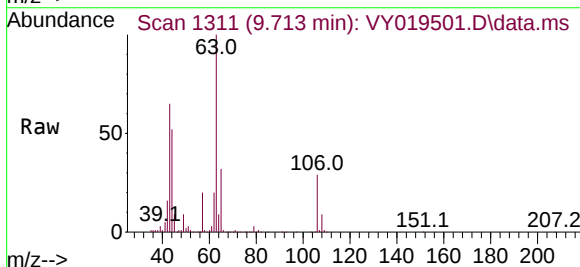
Acq: 11 Sep 2024 10:41

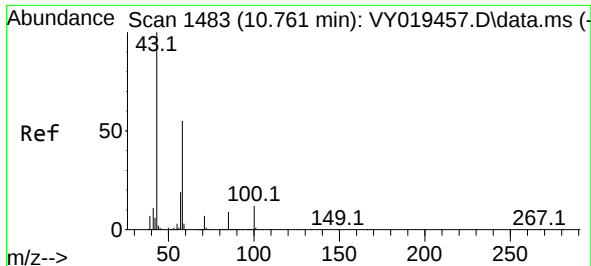
Tgt Ion: 63 Resp: 272659

Ion Ratio Lower Upper

63 100

106 28.4 23.7 35.5

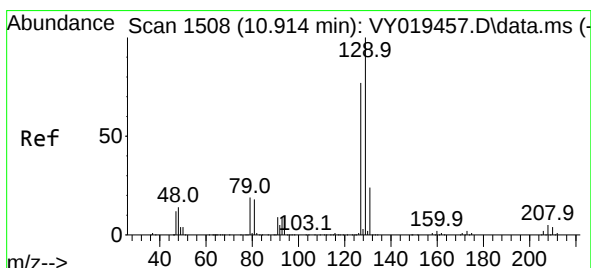
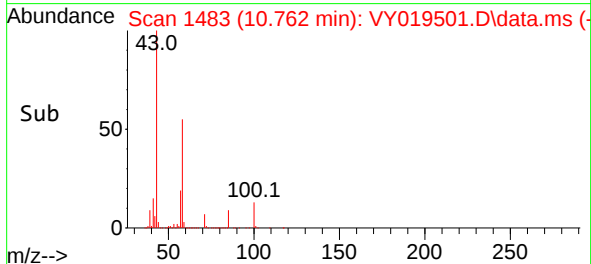
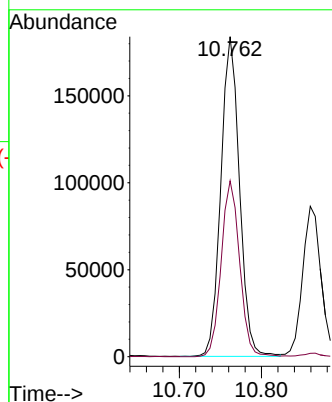
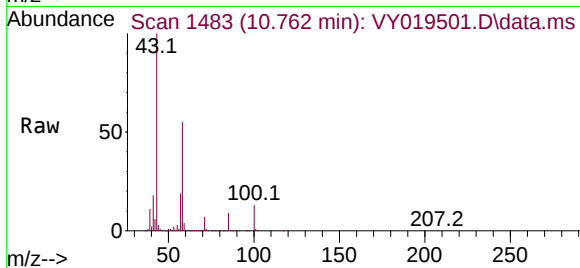




#59
2-Hexanone
Concen: 106.227 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY019501.D
Acq: 11 Sep 2024 10:41

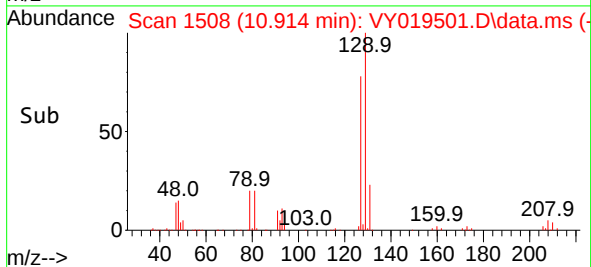
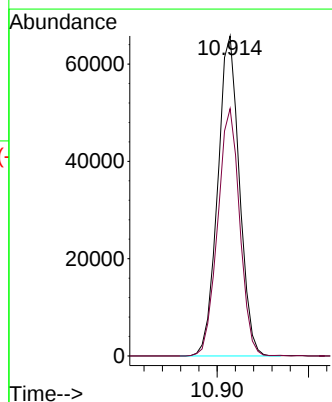
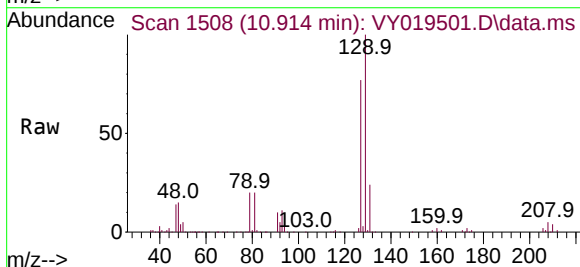
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 290051
Ion Ratio Lower Upper
43 100
58 54.6 31.4 94.0



#60
Dibromochloromethane
Concen: 20.981 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VY019501.D
Acq: 11 Sep 2024 10:41

Tgt Ion:129 Resp: 108537
Ion Ratio Lower Upper
129 100
127 78.2 39.0 117.0

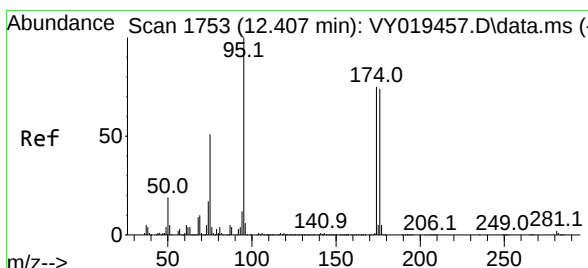
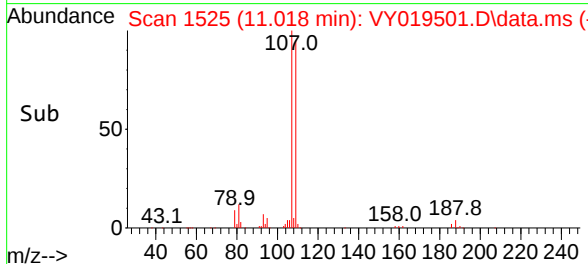
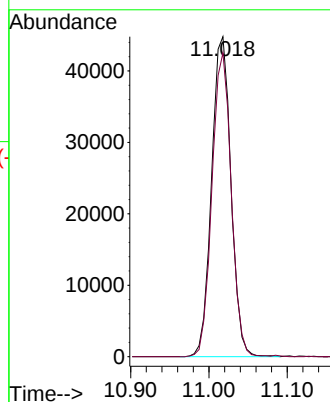
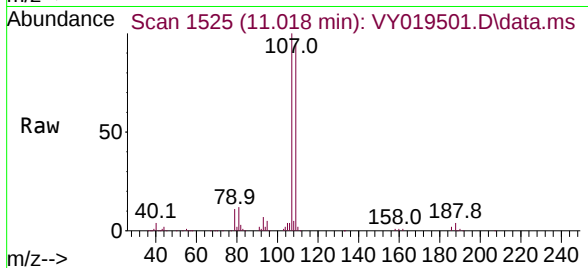




#61
1,2-Dibromoethane
Concen: 21.093 ug/l
RT: 11.018 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019501.D
Acq: 11 Sep 2024 10:41

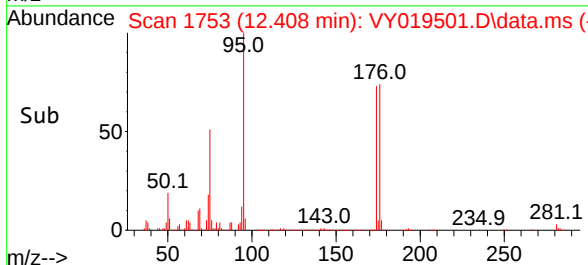
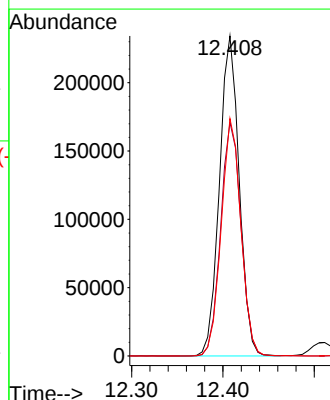
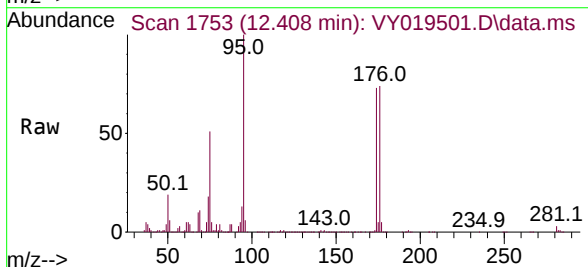
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:107 Resp: 76857
Ion Ratio Lower Upper
107 100
109 94.3 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 49.045 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY019501.D
Acq: 11 Sep 2024 10:41

Tgt Ion: 95 Resp: 352535
Ion Ratio Lower Upper
95 100
174 74.9 0.0 175.6
176 73.8 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019501.D

Acq: 11 Sep 2024 10:41

Instrument :

MSVOA_Y

ClientSampleId :

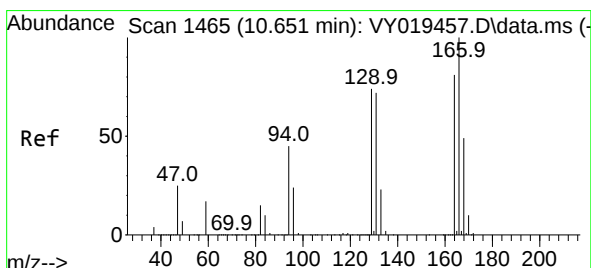
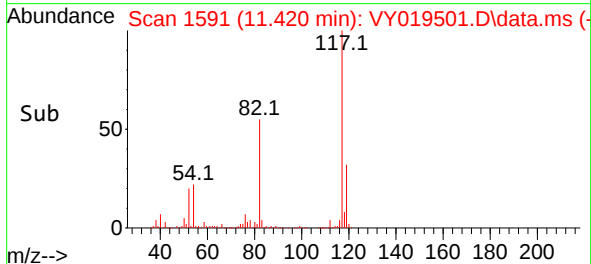
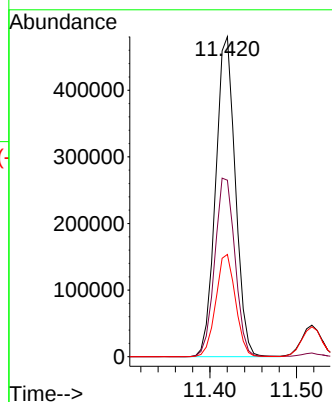
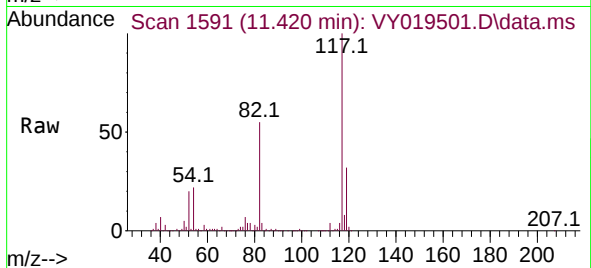
Tgt Ion:117 Resp: 758632

Ion Ratio Lower Upper

117 100

82 55.2 42.4 63.6

119 31.9 25.9 38.9



#64

Tetrachloroethene

Concen: 20.827 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VY019501.D

Acq: 11 Sep 2024 10:41

Tgt Ion:164 Resp: 97843

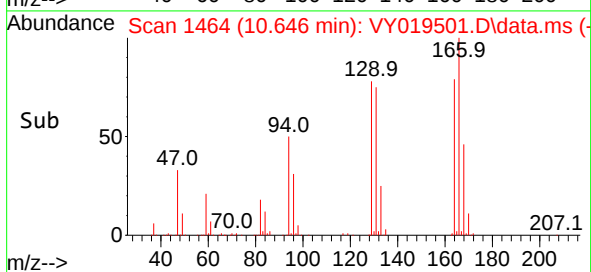
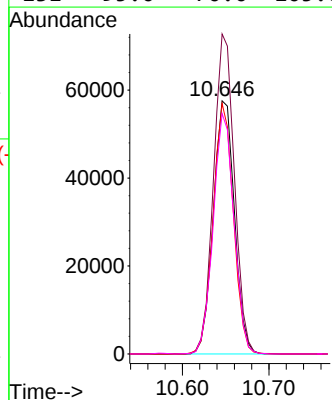
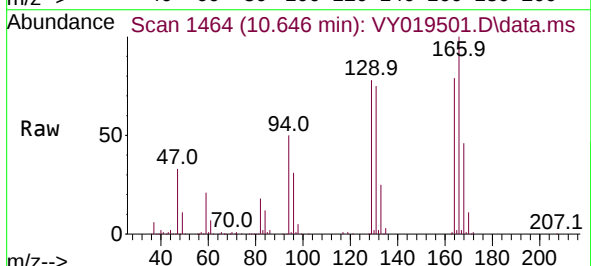
Ion Ratio Lower Upper

164 100

166 126.4 102.6 154.0

129 98.9 72.0 108.0

131 95.0 70.0 105.0

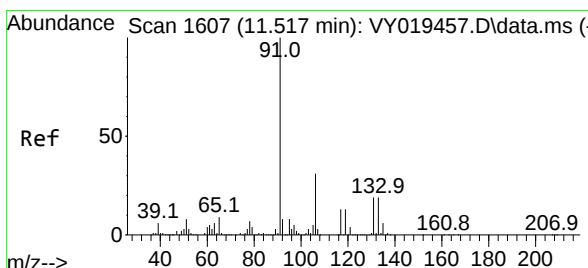
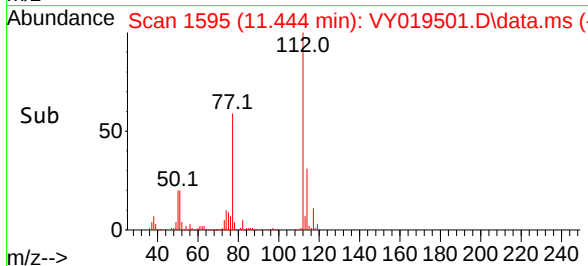
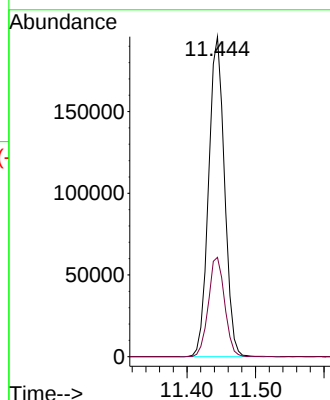
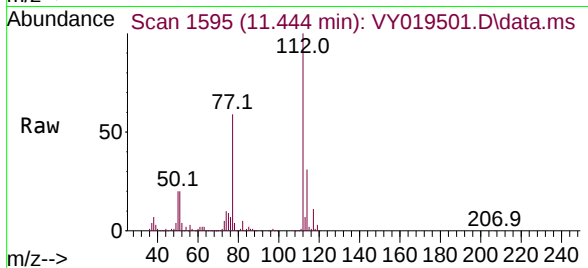




#65
Chlorobenzene
Concen: 21.159 ug/l
RT: 11.444 min Scan# 111
Delta R.T. 0.000 min
Lab File: VY019501.D
Acq: 11 Sep 2024 10:41

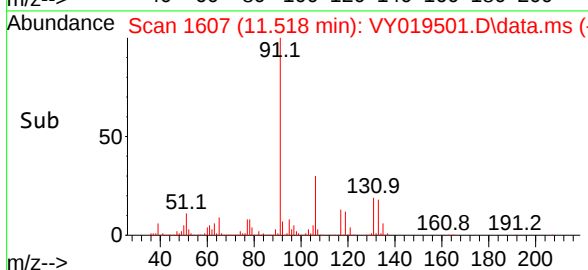
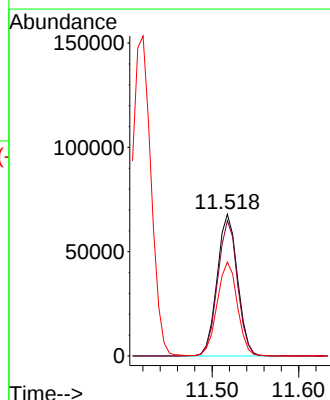
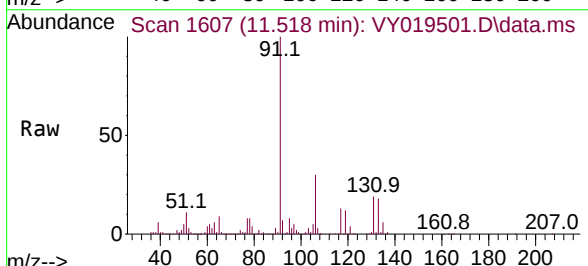
Instrument :
MSVOA_Y
ClientSampleId :

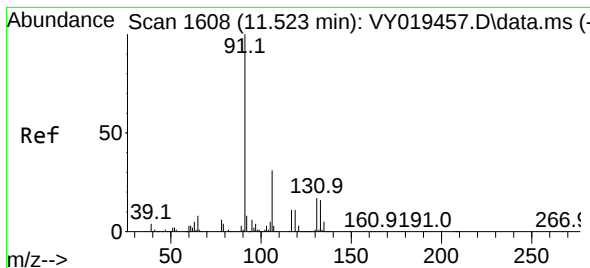
Tgt Ion:112 Resp: 315754
Ion Ratio Lower Upper
112 100
114 31.0 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 21.461 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY019501.D
Acq: 11 Sep 2024 10:41

Tgt Ion:131 Resp: 110884
Ion Ratio Lower Upper
131 100
133 93.6 47.8 143.3
119 66.0 34.1 102.2





#67

Ethyl Benzene

Concen: 21.178 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. -0.006 min

Lab File: VY019501.D

Acq: 11 Sep 2024 10:41

Instrument :

MSVOA_Y

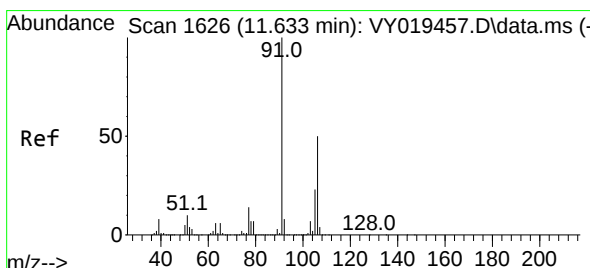
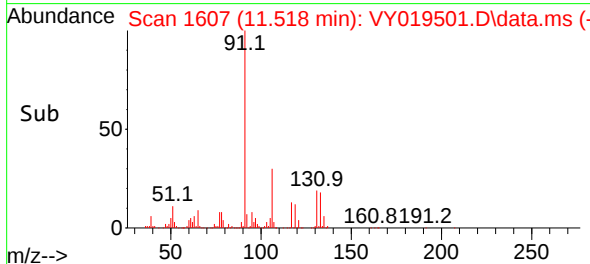
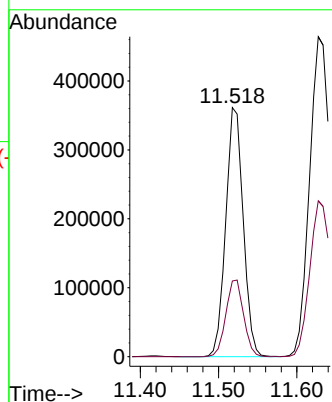
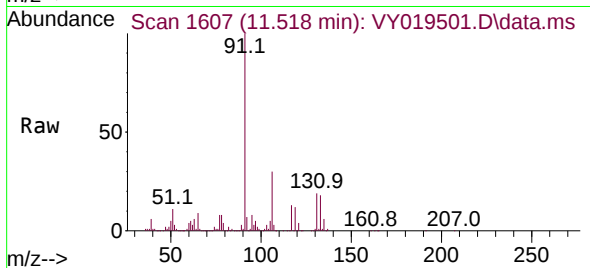
ClientSampleId :

Tgt Ion: 91 Resp: 561534

Ion Ratio Lower Upper

91 100

106 30.4 24.5 36.7



#68

m/p-Xylenes

Concen: 41.913 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY019501.D

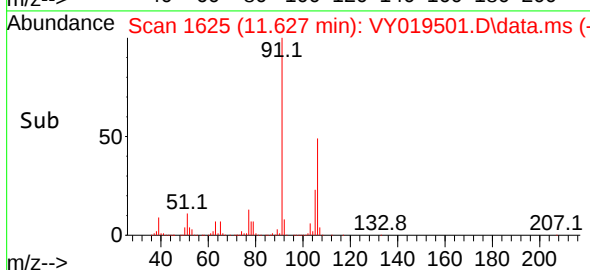
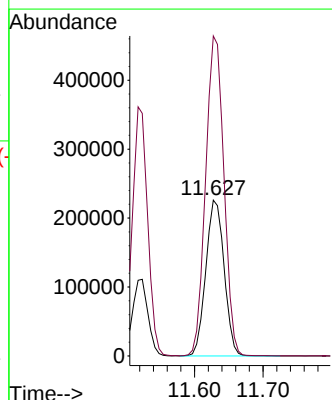
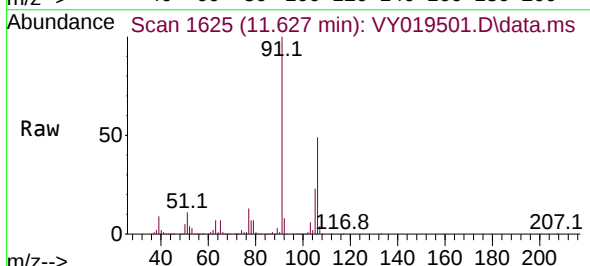
Acq: 11 Sep 2024 10:41

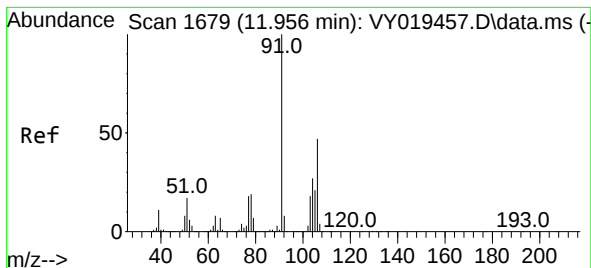
Tgt Ion:106 Resp: 420223

Ion Ratio Lower Upper

106 100

91 205.2 156.0 234.0

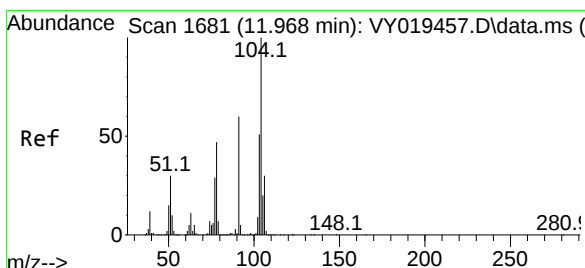
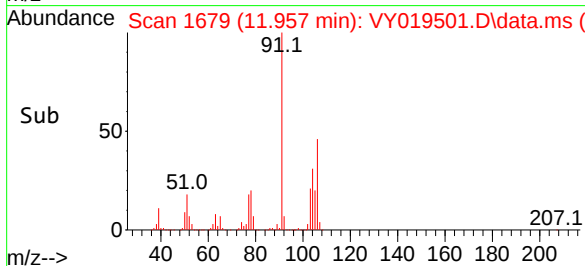
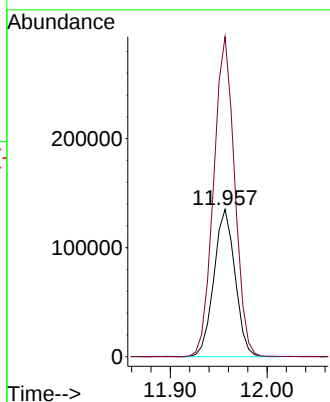
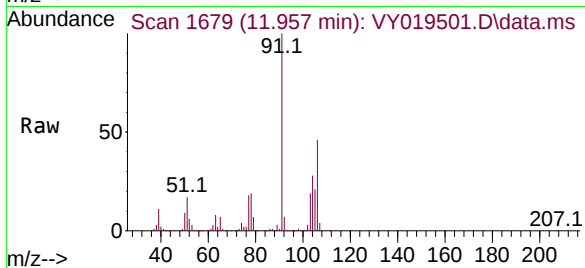




#69
o-Xylene
Concen: 20.926 ug/l
RT: 11.957 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VY019501.D
Acq: 11 Sep 2024 10:41

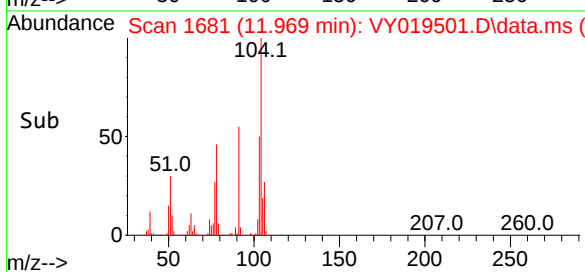
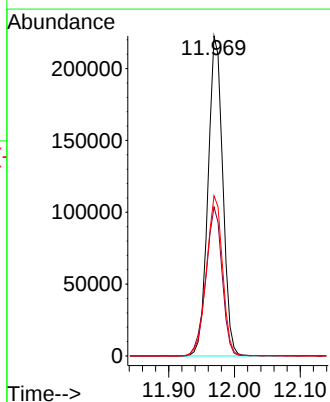
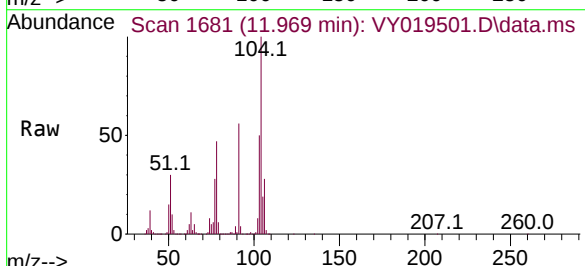
Instrument :
MSVOA_Y
ClientSampleId :

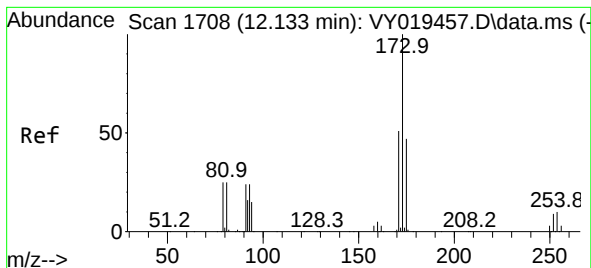
Tgt Ion:106 Resp: 205183
Ion Ratio Lower Upper
106 100
91 215.7 103.6 310.8



#70
Styrene
Concen: 21.023 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY019501.D
Acq: 11 Sep 2024 10:41

Tgt Ion:104 Resp: 348033
Ion Ratio Lower Upper
104 100
78 51.0 37.0 55.4
103 54.6 44.2 66.2





#71

Bromoform

Concen: 21.288 ug/l

RT: 12.133 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019501.D

Acq: 11 Sep 2024 10:41

Instrument :

MSVOA_Y

ClientSampleId :

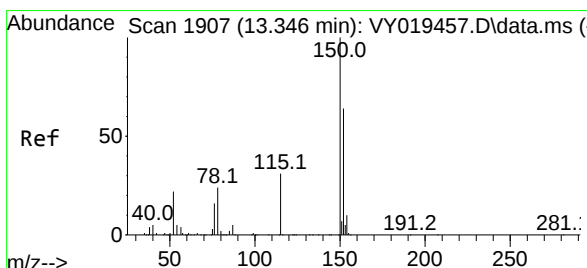
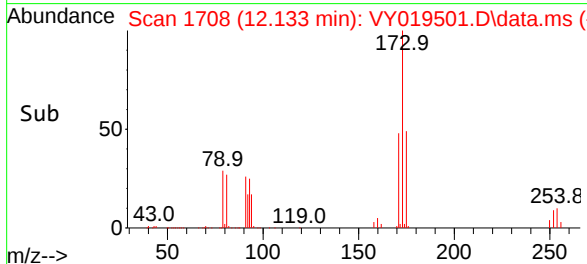
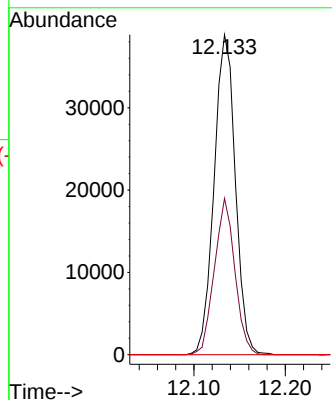
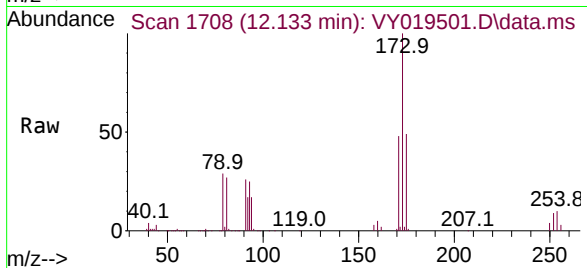
Tgt Ion:173 Resp: 62823

Ion Ratio Lower Upper

173 100

175 47.0 25.1 75.3

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY019501.D

Acq: 11 Sep 2024 10:41

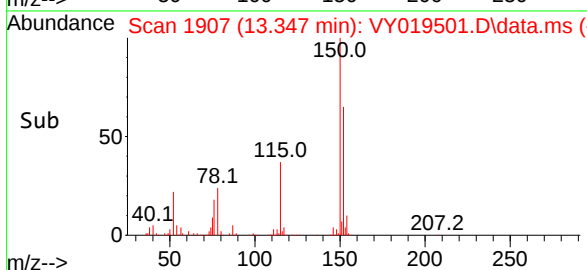
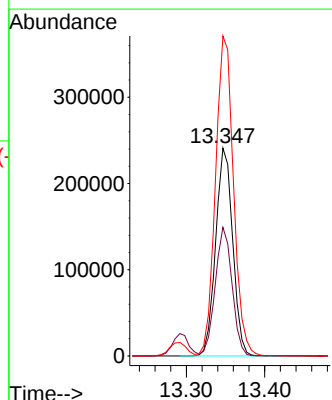
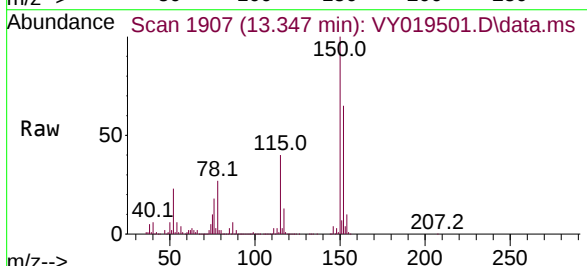
Tgt Ion:152 Resp: 364673

Ion Ratio Lower Upper

152 100

115 61.0 28.2 84.7

150 162.6 0.0 345.6





#73

Isopropylbenzene

Concen: 20.886 ug/l

RT: 12.255 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019501.D

Acq: 11 Sep 2024 10:41

Instrument :

MSVOA_Y

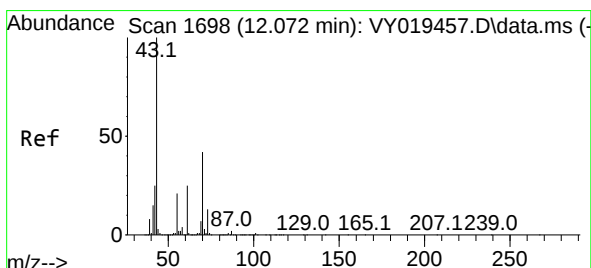
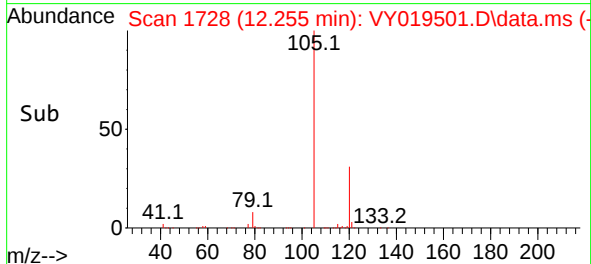
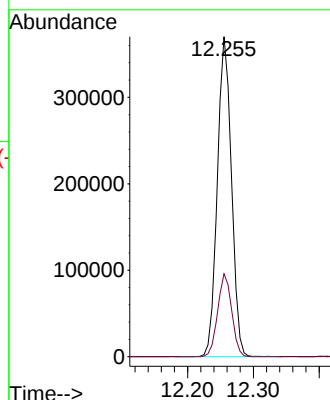
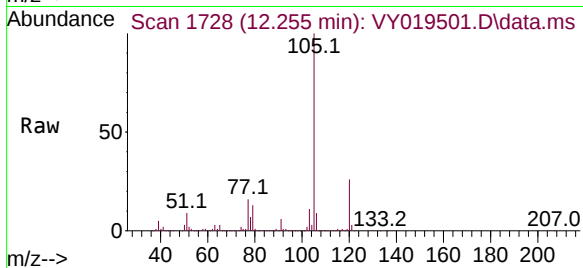
ClientSampleId :

Tgt Ion:105 Resp: 552567

Ion Ratio Lower Upper

105 100

120 25.7 13.4 40.1



#74

N-ethyl acetate

Concen: 20.850 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VY019501.D

Acq: 11 Sep 2024 10:41

Tgt Ion: 43 Resp: 150017

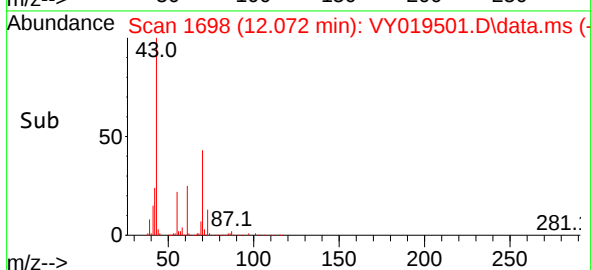
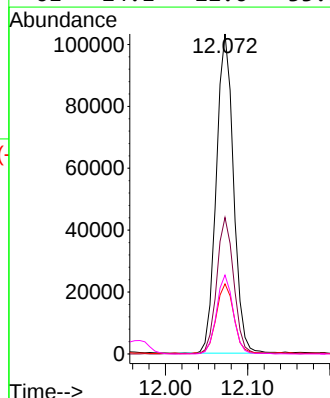
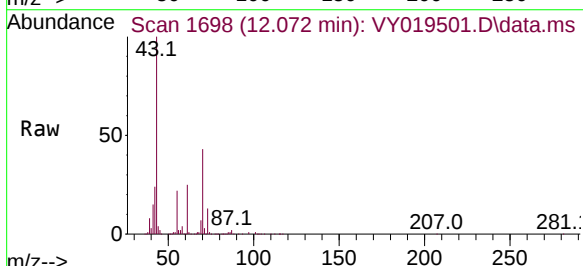
Ion Ratio Lower Upper

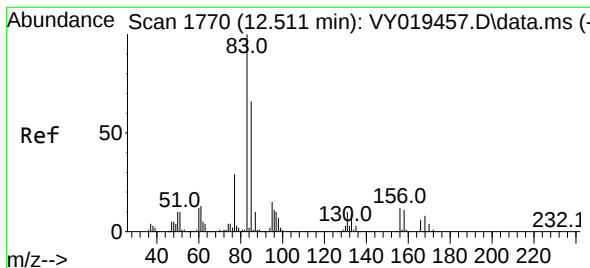
43 100

70 42.2 41.4 62.2

55 22.3 23.3 34.9#

61 24.1 22.6 33.8

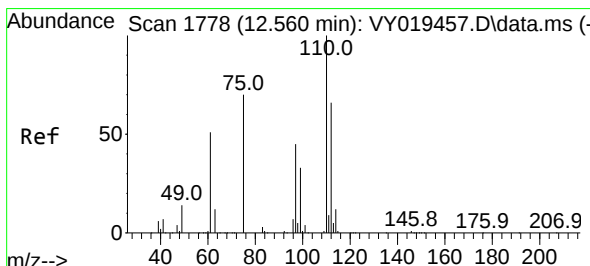
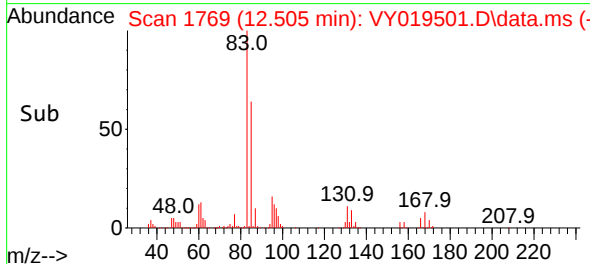
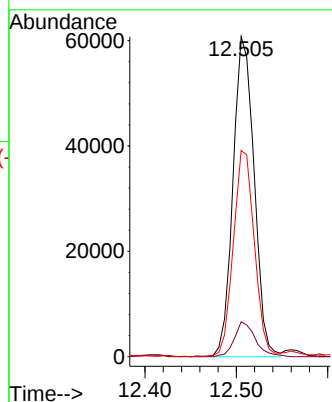
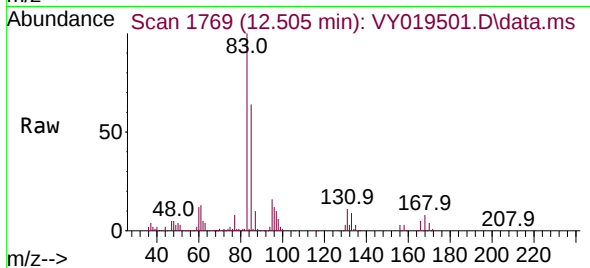




#75
1,1,2-Tetrachloroethane
Concen: 20.735 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. -0.006 min
Lab File: VY019501.D
Acq: 11 Sep 2024 10:41

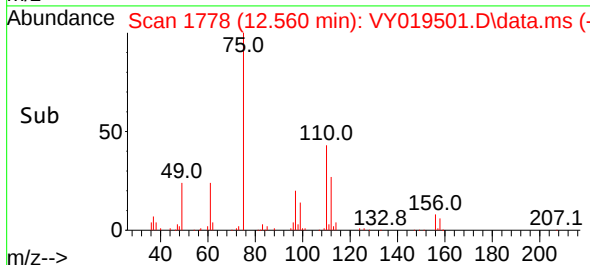
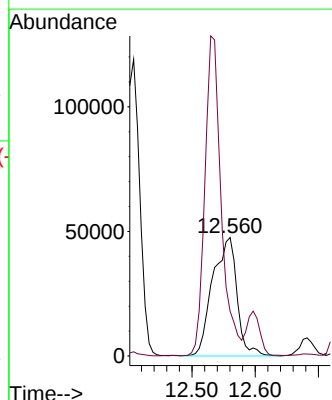
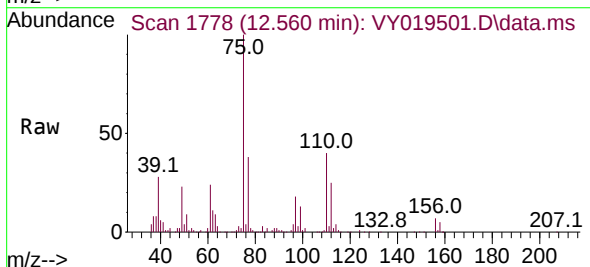
Instrument :
MSVOA_Y
ClientSampleId :

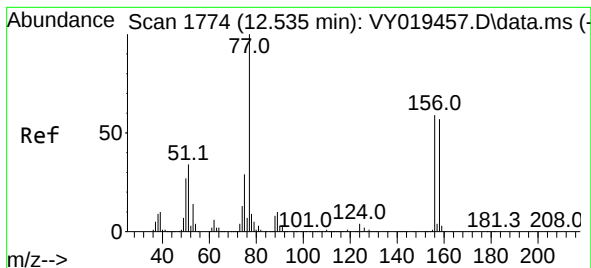
Tgt Ion: 83 Resp: 97369
Ion Ratio Lower Upper
83 100
131 10.8 5.0 14.9
85 64.3 32.0 96.0



#76
1,2,3-Trichloropropane
Concen: 37.232 ug/l
RT: 12.560 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VY019501.D
Acq: 11 Sep 2024 10:41

Tgt Ion: 75 Resp: 127262
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.461 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. -0.006 min

Lab File: VY019501.D

Acq: 11 Sep 2024 10:41

Instrument :

MSVOA_Y

ClientSampleId :

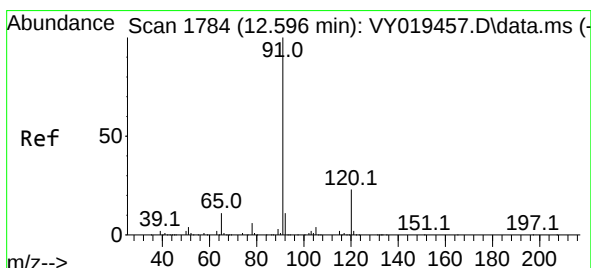
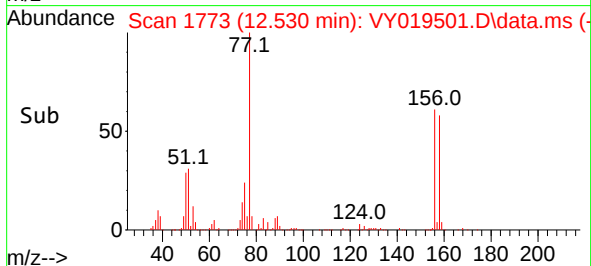
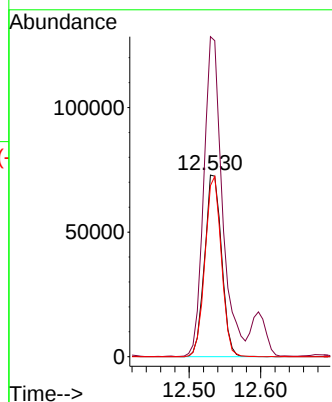
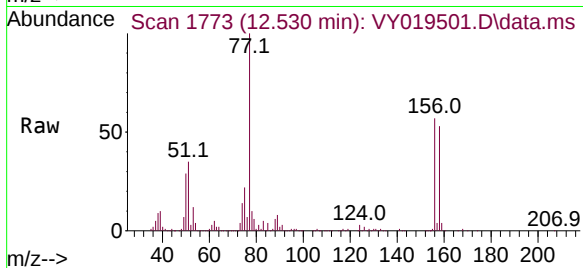
Tgt Ion:156 Resp: 120054

Ion Ratio Lower Upper

156 100

77 193.0 87.1 261.3

158 95.6 48.6 145.9



#78

n-propylbenzene

Concen: 20.867 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY019501.D

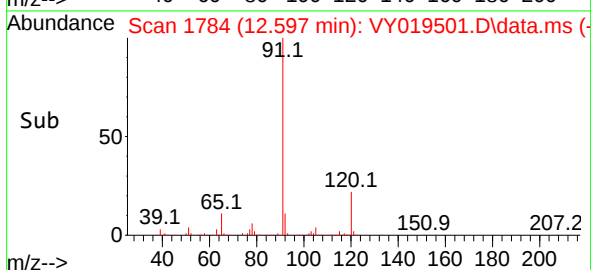
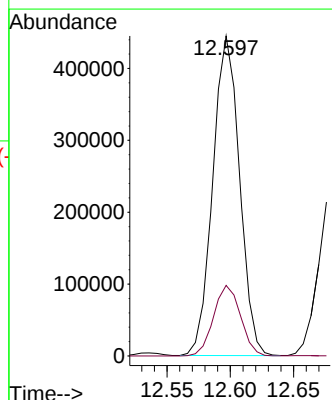
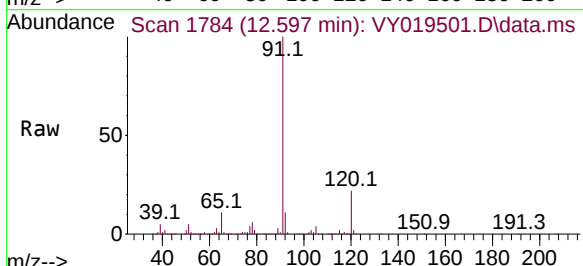
Acq: 11 Sep 2024 10:41

Tgt Ion: 91 Resp: 654335

Ion Ratio Lower Upper

91 100

120 22.3 11.5 34.4

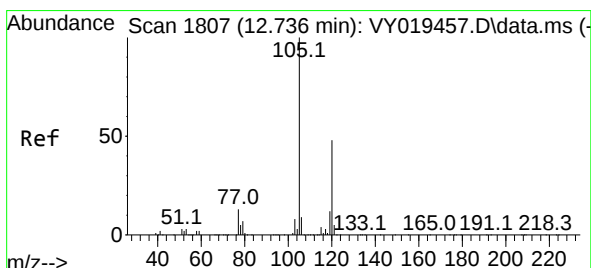
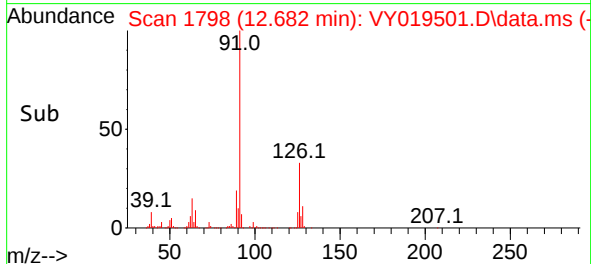
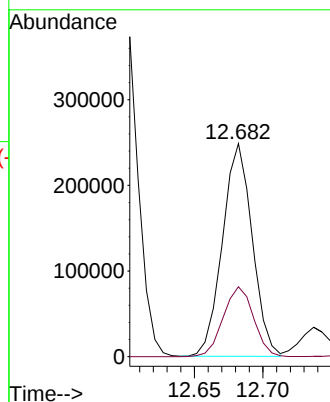
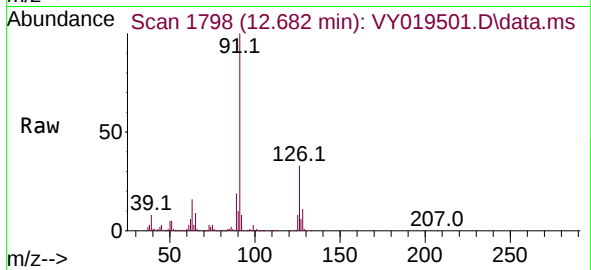




#79
2-Chlorotoluene
Concen: 20.573 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. 0.000 min
Lab File: VY019501.D
Acq: 11 Sep 2024 10:41

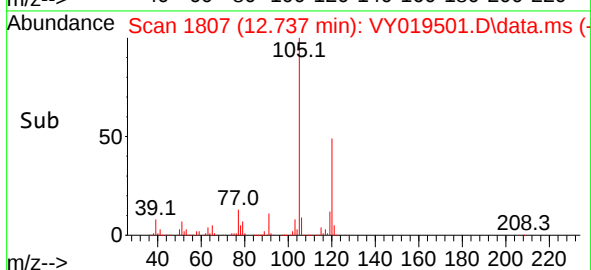
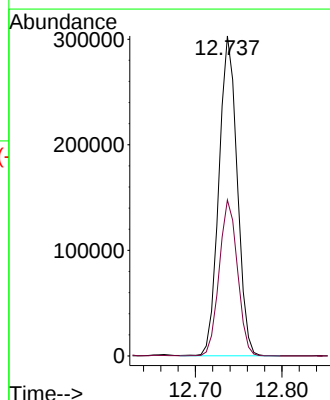
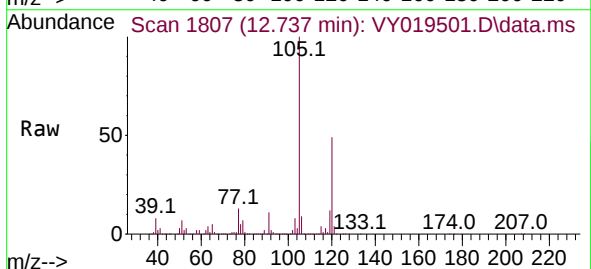
Instrument :
MSVOA_Y
ClientSampleId :

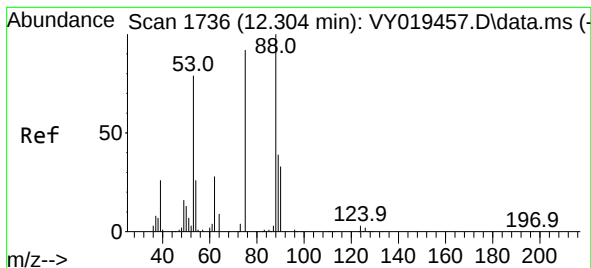
Tgt Ion: 91 Resp: 375950
Ion Ratio Lower Upper
91 100
126 33.5 17.8 53.5



#80
1,3,5-Trimethylbenzene
Concen: 20.686 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY019501.D
Acq: 11 Sep 2024 10:41

Tgt Ion: 105 Resp: 444908
Ion Ratio Lower Upper
105 100
120 48.6 25.1 75.2

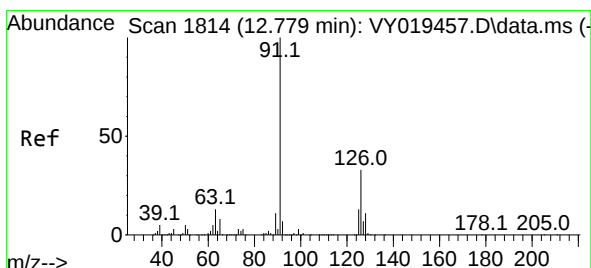
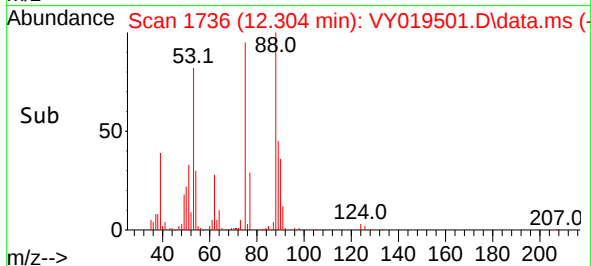
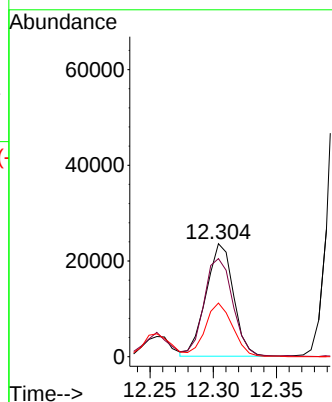
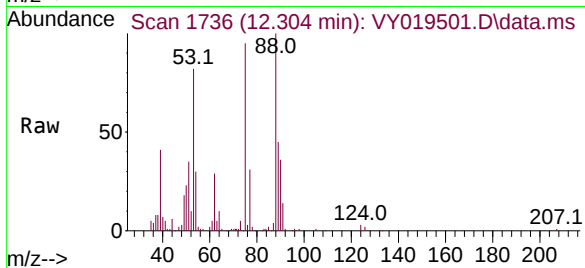




#81
trans-1,4-Dichloro-2-butene
Concen: 19.938 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY019501.D
Acq: 11 Sep 2024 10:41

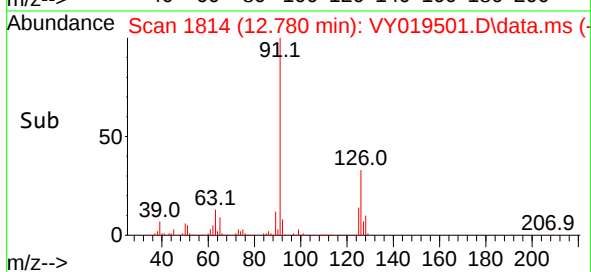
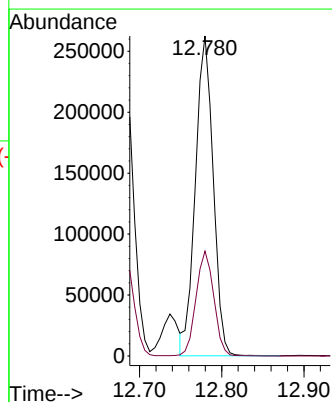
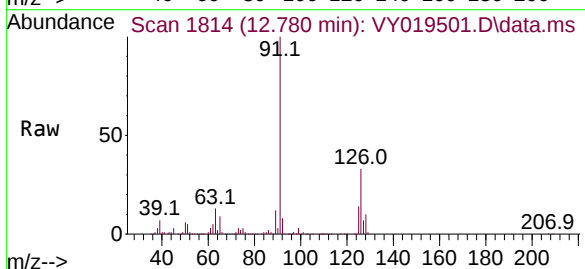
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 35499
Ion Ratio Lower Upper
75 100
53 92.6 66.8 100.2
89 47.4 35.8 53.6



#82
4-Chlorotoluene
Concen: 20.973 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY019501.D
Acq: 11 Sep 2024 10:41

Tgt Ion: 91 Resp: 394026
Ion Ratio Lower Upper
91 100
126 32.8 17.6 52.9





#83

tert-Butylbenzene

Concen: 20.902 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.000 min

Lab File: VY019501.D

Acq: 11 Sep 2024 10:41

Instrument :

MSVOA_Y

ClientSampleId :

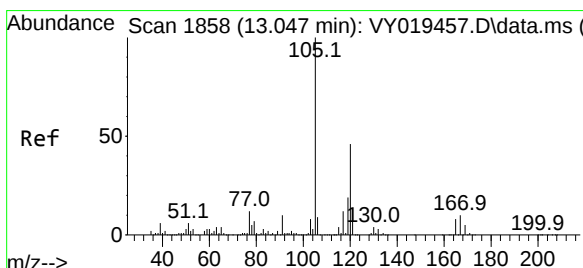
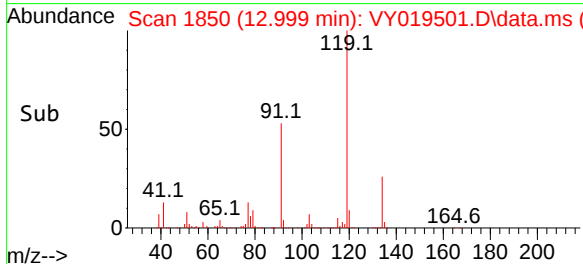
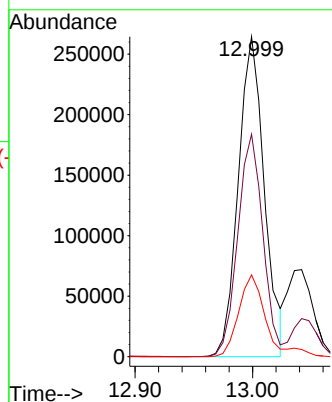
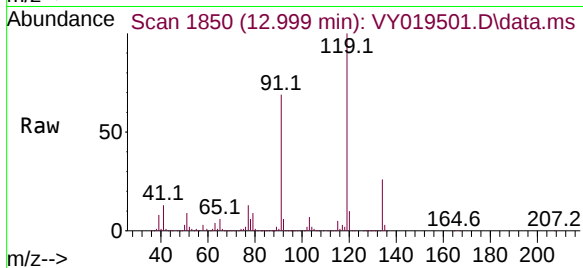
Tgt Ion:119 Resp: 406973

Ion Ratio Lower Upper

119 100

91 66.8 31.3 93.8

134 26.8 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 20.811 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. -0.006 min

Lab File: VY019501.D

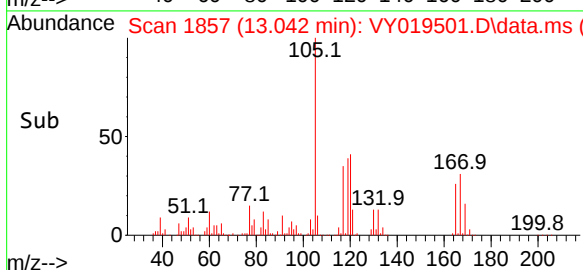
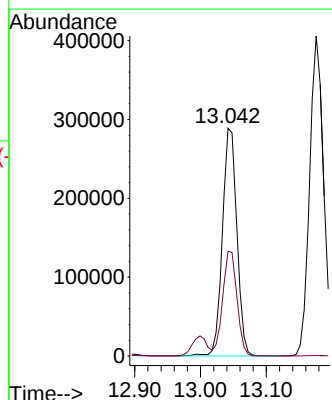
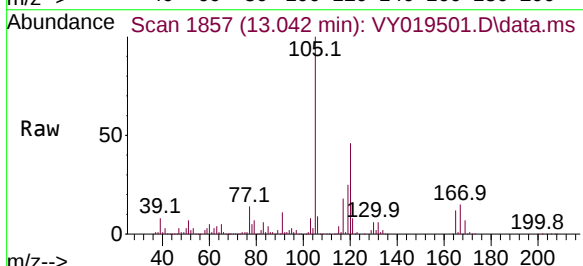
Acq: 11 Sep 2024 10:41

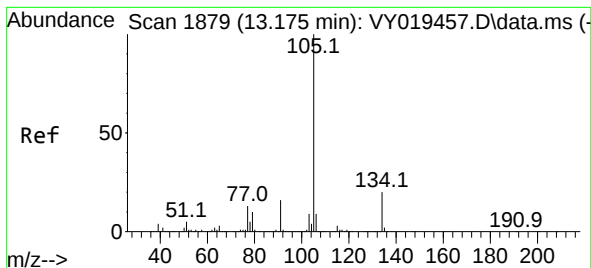
Tgt Ion:105 Resp: 443067

Ion Ratio Lower Upper

105 100

120 45.3 23.2 69.6





#85

sec-Butylbenzene

Concen: 21.161 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY019501.D

Acq: 11 Sep 2024 10:41

Instrument :

MSVOA_Y

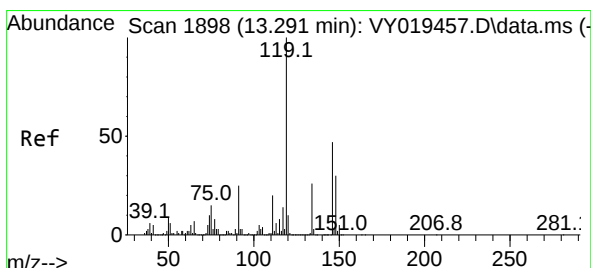
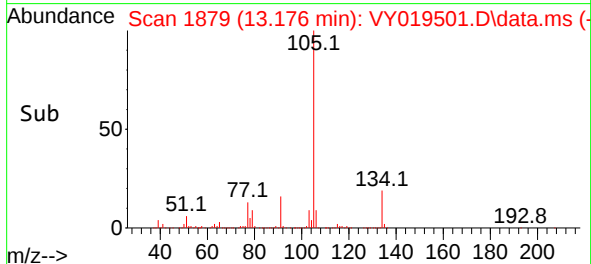
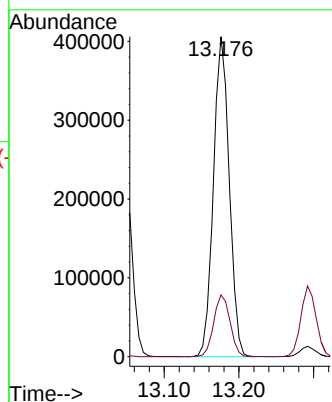
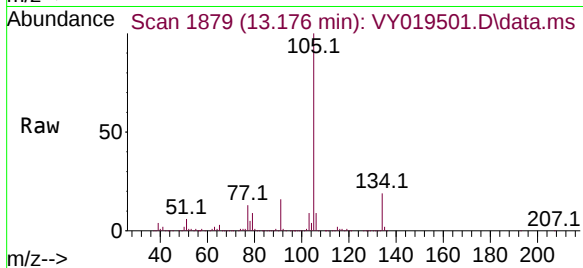
ClientSampleId :

Tgt Ion:105 Resp: 598550

Ion Ratio Lower Upper

105 100

134 19.9 10.1 30.1



#86

p-Isopropyltoluene

Concen: 21.244 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY019501.D

Acq: 11 Sep 2024 10:41

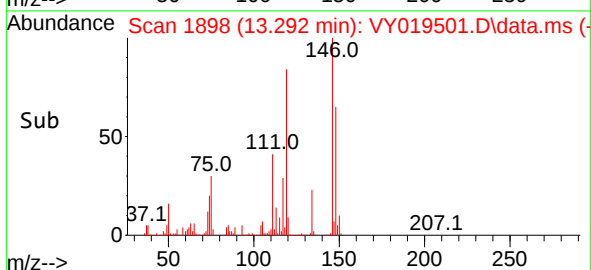
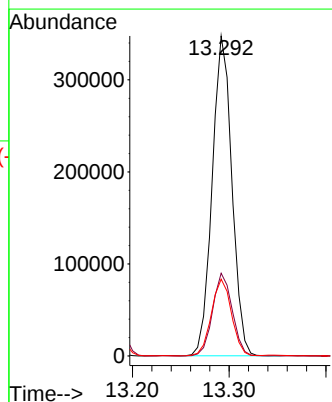
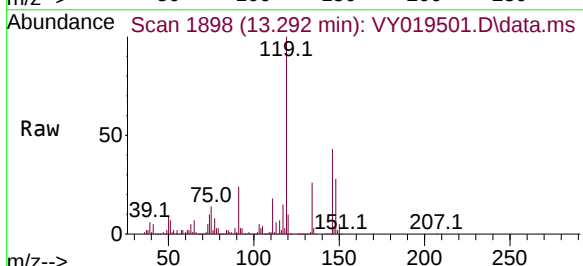
Tgt Ion:119 Resp: 491628

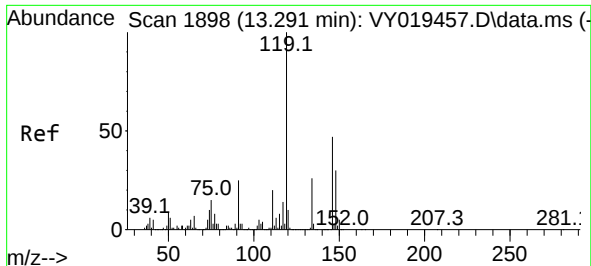
Ion Ratio Lower Upper

119 100

134 25.7 13.1 39.3

91 24.4 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 20.874 ug/l

RT: 13.286 min Scan# 1897

Delta R.T. -0.006 min

Lab File: VY019501.D

Acq: 11 Sep 2024 10:41

Instrument :

MSVOA_Y

ClientSampleId :

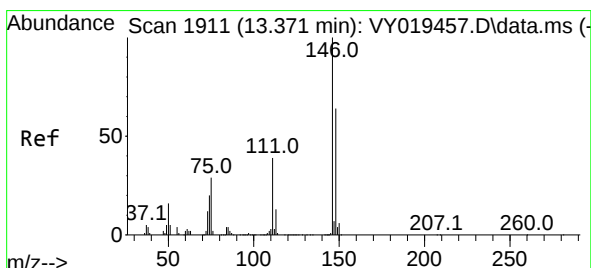
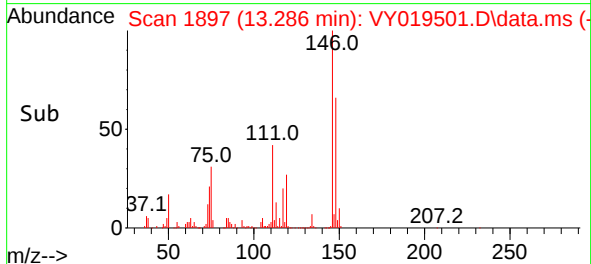
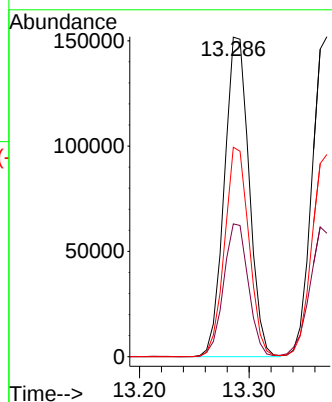
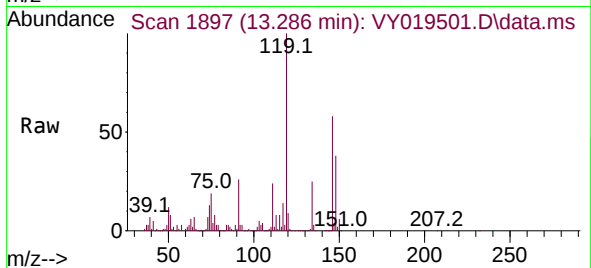
Tgt Ion:146 Resp: 237991

Ion Ratio Lower Upper

146 100

111 41.6 19.0 57.0

148 64.6 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 20.718 ug/l

RT: 13.371 min Scan# 1911

Delta R.T. 0.000 min

Lab File: VY019501.D

Acq: 11 Sep 2024 10:41

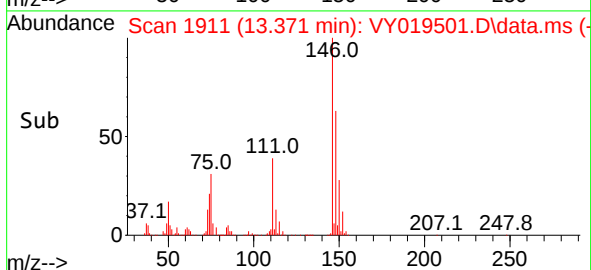
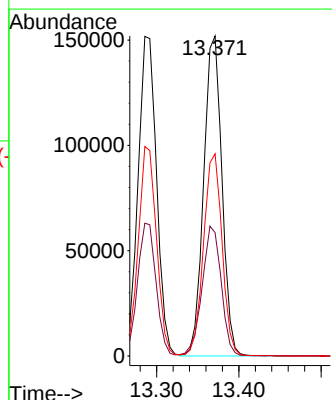
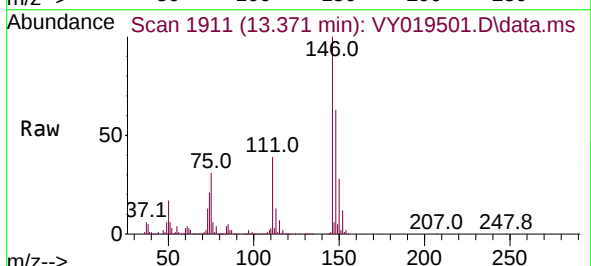
Tgt Ion:146 Resp: 234422

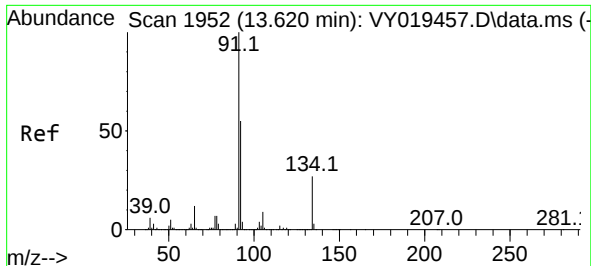
Ion Ratio Lower Upper

146 100

111 42.4 18.4 55.4

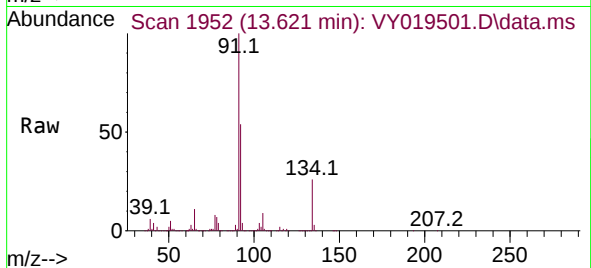
148 64.2 32.4 97.2



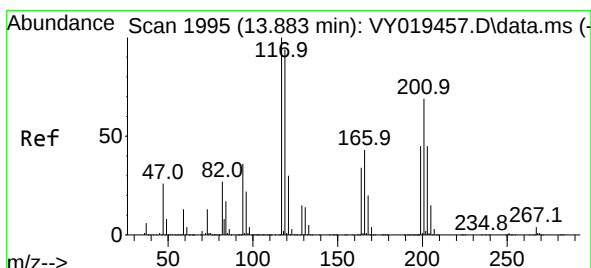
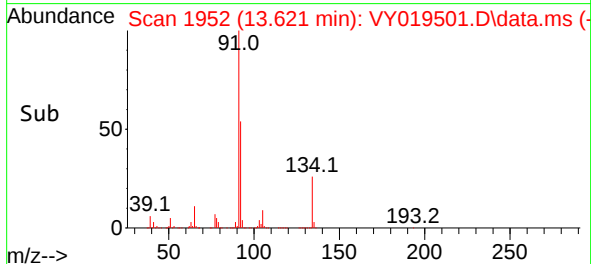
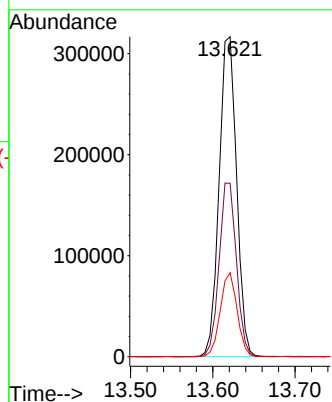


#89
n-Butylbenzene
Concen: 21.146 ug/l
RT: 13.621 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VY019501.D
Acq: 11 Sep 2024 10:41

Instrument :
MSVOA_Y
ClientSampleId :

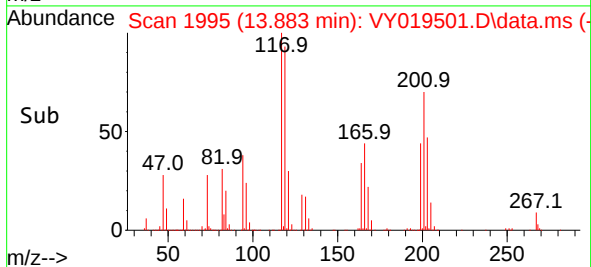
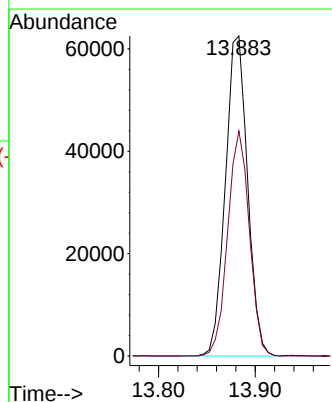
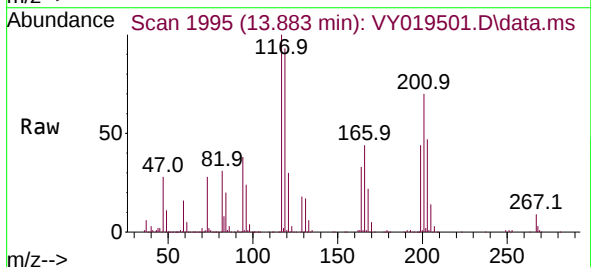


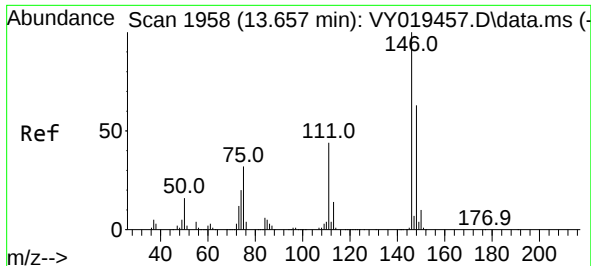
Tgt Ion: 91 Resp: 467826
Ion Ratio Lower Upper
91 100
92 53.9 26.6 79.7
134 25.3 12.9 38.7



#90
Hexachloroethane
Concen: 20.709 ug/l
RT: 13.883 min Scan# 1995
Delta R.T. 0.000 min
Lab File: VY019501.D
Acq: 11 Sep 2024 10:41

Tgt Ion: 117 Resp: 99718
Ion Ratio Lower Upper
117 100
201 68.6 37.4 112.2

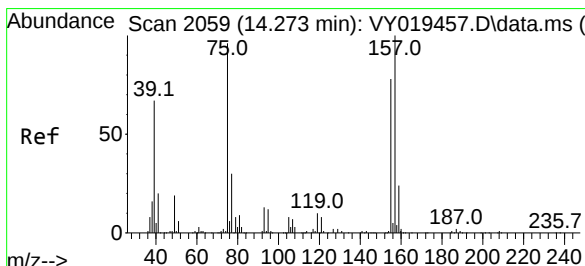
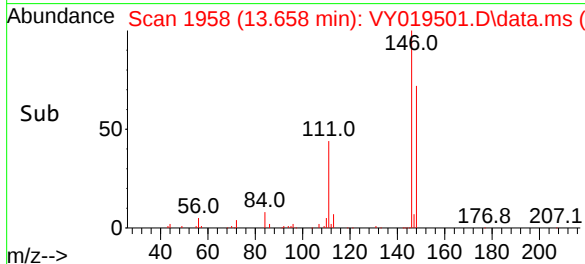
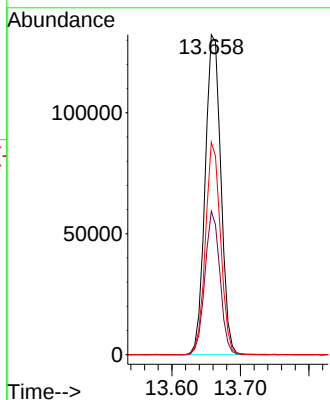
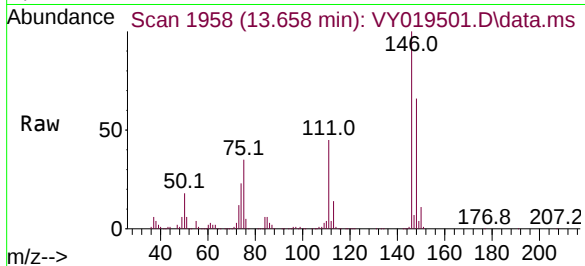




#91
1,2-Dichlorobenzene
Concen: 20.763 ug/l
RT: 13.658 min Scan# 1958
Delta R.T. 0.000 min
Lab File: VY019501.D
Acq: 11 Sep 2024 10:41

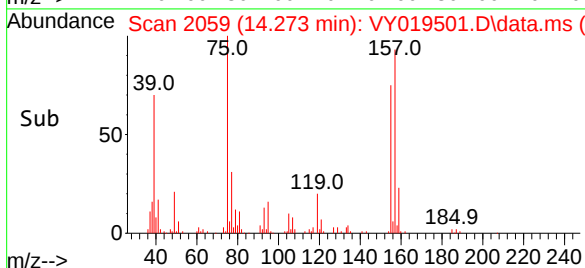
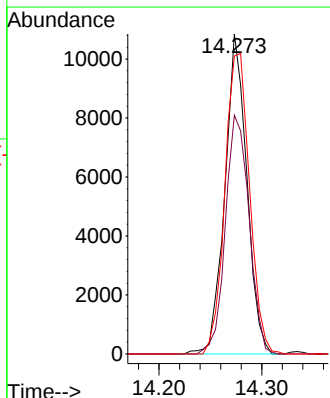
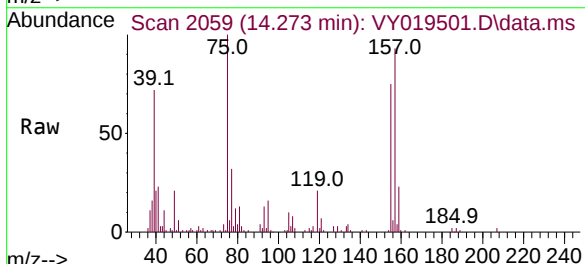
Instrument :
MSVOA_Y
ClientSampleId :

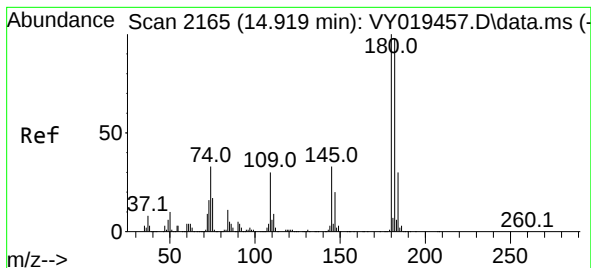
Tgt Ion:146 Resp: 211247
Ion Ratio Lower Upper
146 100
111 42.9 19.9 59.7
148 63.8 31.8 95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.502 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VY019501.D
Acq: 11 Sep 2024 10:41

Tgt Ion: 75 Resp: 16045
Ion Ratio Lower Upper
75 100
155 80.8 48.6 145.8
157 106.0 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 19.764 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY019501.D

Acq: 11 Sep 2024 10:41

Instrument :

MSVOA_Y

ClientSampleId :

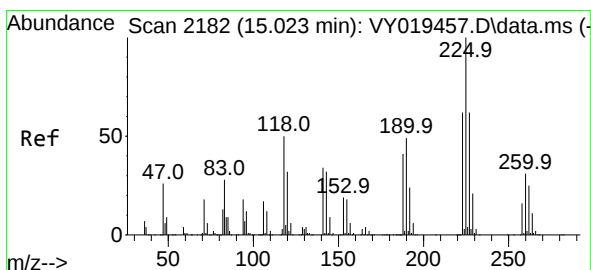
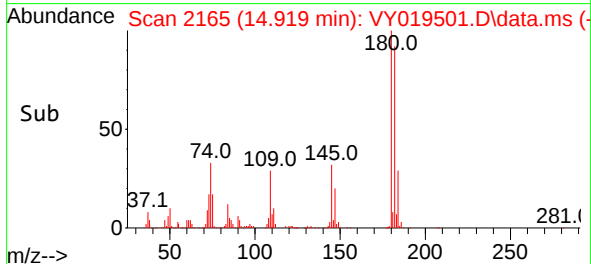
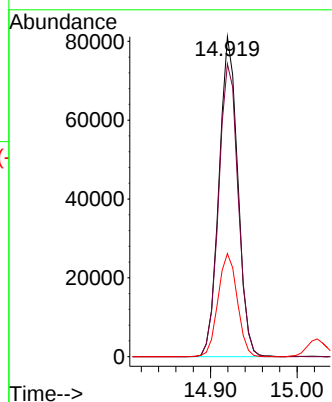
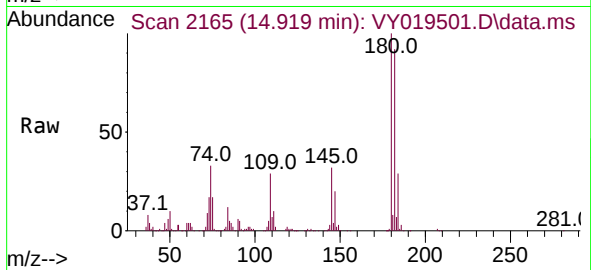
Tgt Ion:180 Resp: 122302

Ion Ratio Lower Upper

180 100

182 94.7 47.9 143.8

145 32.9 14.2 42.6



#94

Hexachlorobutadiene

Concen: 19.717 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY019501.D

Acq: 11 Sep 2024 10:41

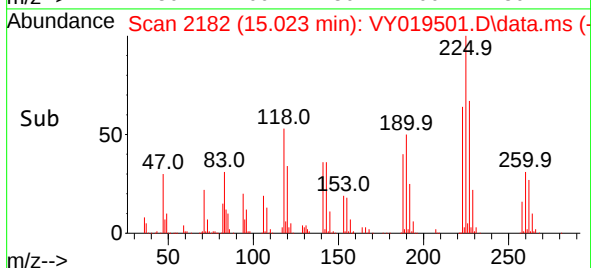
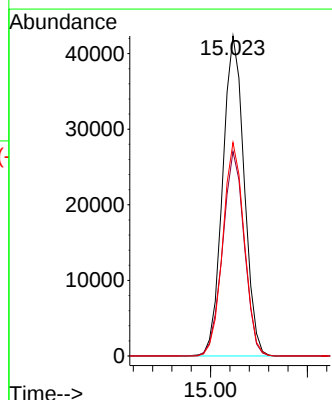
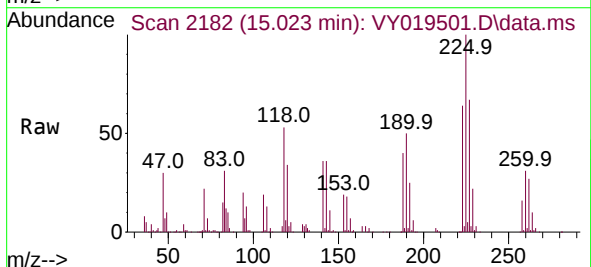
Tgt Ion:225 Resp: 65178

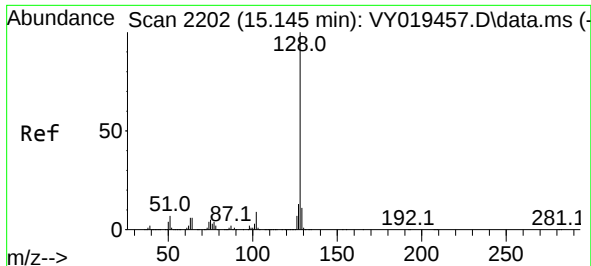
Ion Ratio Lower Upper

225 100

223 64.1 30.4 91.2

227 66.1 31.9 95.9

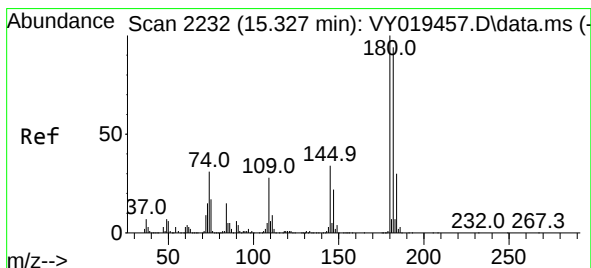
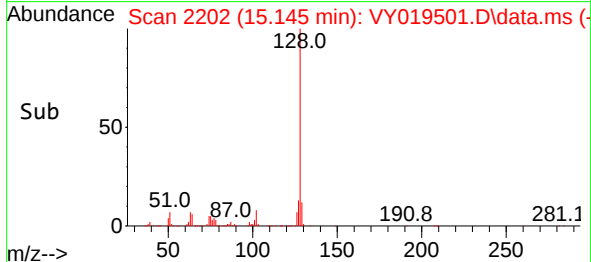
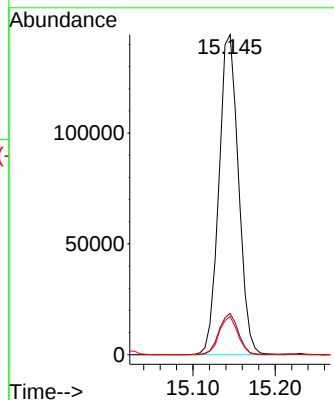
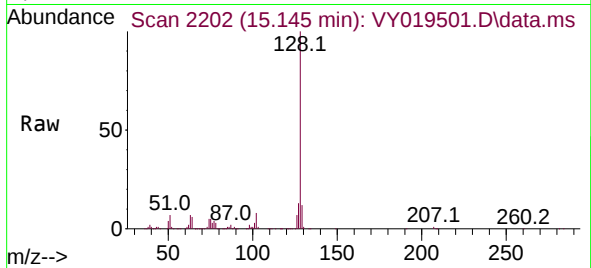




#95
Naphthalene
Concen: 19.274 ug/l
RT: 15.145 min Scan# 21
Delta R.T. 0.000 min
Lab File: VY019501.D
Acq: 11 Sep 2024 10:41

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:128 Resp: 238838
Ion Ratio Lower Upper
128 100
127 12.7 10.6 16.0
129 11.4 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 19.532 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. 0.000 min
Lab File: VY019501.D
Acq: 11 Sep 2024 10:41

Tgt Ion:180 Resp: 103381
Ion Ratio Lower Upper
180 100
182 93.0 47.6 142.9
145 34.2 15.4 46.1

