

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091224\
 Data File : VY019523.D
 Acq On : 12 Sep 2024 12:42
 Operator : SY/MD
 Sample : P3390-03 2.5 PPB
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 13 02:24:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 13 02:24:18 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	451813	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	798989	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	669444	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	302481	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	226362	54.106	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.220%	
35) Dibromofluoromethane	7.634	113	228603	50.463	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.920%	
50) Toluene-d8	10.109	98	851286	50.805	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.620%	
62) 4-Bromofluorobenzene	12.408	95	295724	45.900	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 91.800%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.867	85	7195	2.519	ug/l	100
3) Chloromethane	2.074	50	7884	2.109	ug/l	92
4) Vinyl Chloride	2.202	62	9091	2.249	ug/l	95
5) Bromomethane	2.598	94	7022	2.828	ug/l	95
6) Chloroethane	2.739	64	7206	2.727	ug/l	98
7) Trichlorofluoromethane	3.056	101	18226	2.705	ug/l	# 81
8) Diethyl Ether	3.452	74	5907	2.612	ug/l	70
9) 1,1,2-Trichlorotrifluo...	3.812	101	11728	2.814	ug/l	96
10) Methyl Iodide	3.994	142	11975	2.241	ug/l	91
11) Tert butyl alcohol	4.860	59	5008	14.822	ug/l	# 60
12) 1,1-Dichloroethene	3.787	96	9269	2.312	ug/l	# 75
13) Acrolein	3.659	56	5919	32.671	ug/l	96
14) Allyl chloride	4.385	41	17649	2.455	ug/l	# 93
15) Acrylonitrile	5.061	53	14126	14.485	ug/l	98
16) Acetone	3.873	43	12980	13.023	ug/l	# 86
17) Carbon Disulfide	4.110	76	13120	1.211	ug/l	96
18) Methyl Acetate	4.385	43	10834	4.005	ug/l	90
19) Methyl tert-butyl Ether	5.110	73	33240	2.928	ug/l	98
20) Methylene Chloride	4.604	84	22270	4.899	ug/l	95
21) trans-1,2-Dichloroethene	5.110	96	10363	2.359	ug/l	# 76
22) Diisopropyl ether	6.012	45	42975	2.911	ug/l	# 82
23) Vinyl Acetate	5.958	43	133851	15.875	ug/l	94
24) 1,1-Dichloroethane	5.909	63	23404	2.825	ug/l	97
25) 2-Butanone	6.896	43	16602	11.712	ug/l	96
26) 2,2-Dichloropropane	6.878	77	21809	2.919	ug/l	99
27) cis-1,2-Dichloroethene	6.884	96	15260	2.859	ug/l	91
28) Bromochloromethane	7.244	49	9261	2.657	ug/l	85
29) Tetrahydrofuran	7.262	42	12073	14.007	ug/l	# 84
30) Chloroform	7.415	83	27412	3.242	ug/l	90
31) Cyclohexane	7.701	56	24773	3.309	ug/l	# 75
32) 1,1,1-Trichloroethane	7.610	97	21390	2.822	ug/l	96
36) 1,1-Dichloropropene	7.835	75	15416	2.501	ug/l	97
37) Ethyl Acetate	6.982	43	7359	2.330	ug/l	# 73
38) Carbon Tetrachloride	7.817	117	17715	2.548	ug/l	91
39) Methylcyclohexane	9.109	83	16972	2.069	ug/l	96
40) Benzene	8.079	78	48979	2.580	ug/l	98

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	4276	2.323	ug/l #	82
42) 1,2-Dichloroethane	8.158	62	14816	2.900	ug/l	99
43) Isopropyl Acetate	8.195	43	17887	2.696	ug/l #	90
44) Trichloroethene	8.866	130	12815	2.625	ug/l	99
45) 1,2-Dichloropropane	9.146	63	13110	2.824	ug/l	98
46) Dibromomethane	9.231	93	6898	2.718	ug/l	95
47) Bromodichloromethane	9.426	83	19995	2.930	ug/l	92
48) Methyl methacrylate	9.219	41	7944	2.535	ug/l #	84
49) 1,4-Dioxane	9.225	88	1835	61.410	ug/l #	84
51) 4-Methyl-2-Pentanone	9.999	43	44949	13.465	ug/l	90
52) Toluene	10.170	92	31979	2.619	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	16315	2.508	ug/l	92
54) cis-1,3-Dichloropropene	9.859	75	19352	2.555	ug/l #	84
55) 1,1,2-Trichloroethane	10.573	97	10176	2.903	ug/l	96
56) Ethyl methacrylate	10.438	69	13495	2.534	ug/l #	78
57) 1,3-Dichloropropane	10.719	76	17168	2.849	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.713	63	29089	11.770	ug/l	97
59) 2-Hexanone	10.762	43	29779	12.168	ug/l	89
60) Dibromochloromethane	10.914	129	13383	2.886	ug/l	95
61) 1,2-Dibromoethane	11.018	107	9042	2.769	ug/l	96
64) Tetrachloroethene	10.646	164	11602	2.799	ug/l	94
65) Chlorobenzene	11.444	112	37464	2.845	ug/l	92
66) 1,1,1,2-Tetrachloroethane	11.518	131	13849	3.038	ug/l	95
67) Ethyl Benzene	11.518	91	65686	2.807	ug/l	98
68) m/p-Xylenes	11.627	106	48145	5.442	ug/l	90
69) o-Xylene	11.956	106	23878	2.760	ug/l	91
70) Styrene	11.969	104	41163	2.818	ug/l	96
71) Bromoform	12.127	173	7240	2.780	ug/l #	99
73) Isopropylbenzene	12.255	105	64641	2.946	ug/l	98
74) N-amyl acetate	12.072	43	16214	2.717	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.505	83	11759	3.019	ug/l	97
76) 1,2,3-Trichloropropane	12.554	75	14550	5.132	ug/l #	100
77) Bromobenzene	12.530	156	13730	2.821	ug/l	84
78) n-propylbenzene	12.597	91	78422	3.015	ug/l	98
79) 2-Chlorotoluene	12.676	91	46308	3.055	ug/l	98
80) 1,3,5-Trimethylbenzene	12.737	105	54175	3.037	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.408	75	157545	106.676	ug/l #	16
82) 4-Chlorotoluene	12.779	91	47363	3.039	ug/l	98
83) tert-Butylbenzene	12.999	119	49500	3.065	ug/l	95
84) 1,2,4-Trimethylbenzene	13.042	105	52285	2.961	ug/l	98
85) sec-Butylbenzene	13.176	105	70538	3.007	ug/l	100
86) p-Isopropyltoluene	13.292	119	56988	2.969	ug/l	96
87) 1,3-Dichlorobenzene	13.285	146	29342	3.103	ug/l	97
88) 1,4-Dichlorobenzene	13.365	146	30254	3.224	ug/l	89
89) n-Butylbenzene	13.615	91	54582	2.974	ug/l	98
90) Hexachloroethane	13.877	117	12848	3.217	ug/l	89
91) 1,2-Dichlorobenzene	13.657	146	26839	3.180	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.279	75	2088	3.217	ug/l	74
93) 1,2,4-Trichlorobenzene	14.913	180	15277	2.976	ug/l	94
94) Hexachlorobutadiene	15.023	225	8015	2.923	ug/l	96
95) Naphthalene	15.139	128	29435	2.864	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	12517	2.851	ug/l	94

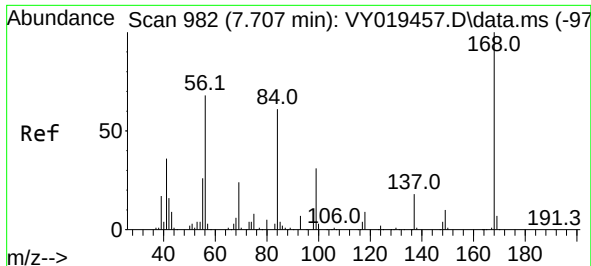
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091224\
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Response via : Initial Calibration

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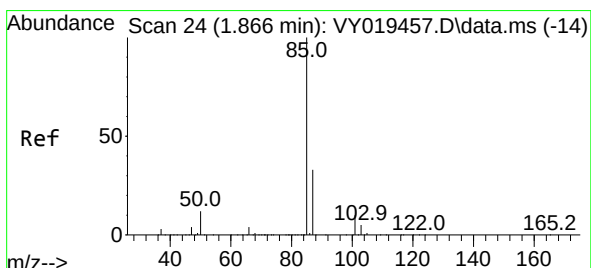
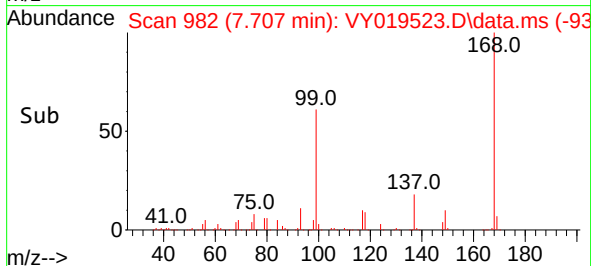
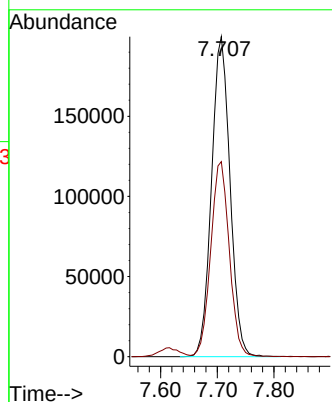
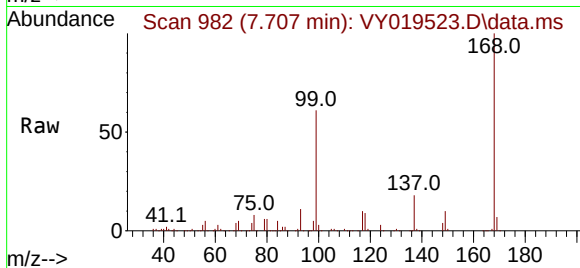
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019523.D
Acq: 12 Sep 2024 12:42

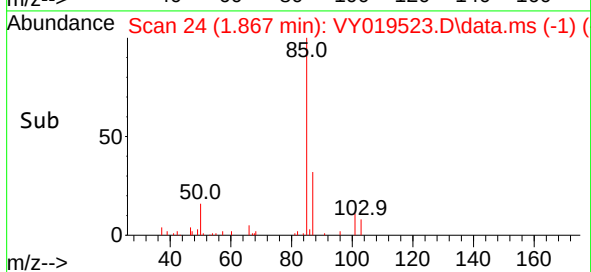
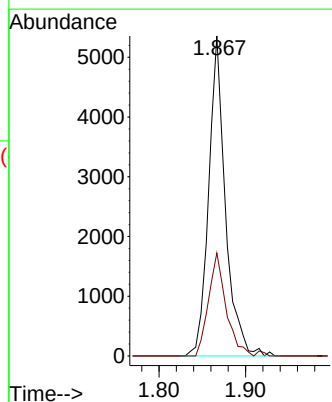
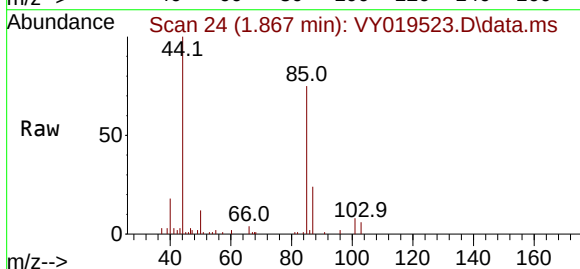
Instrument :
MSVOA_Y
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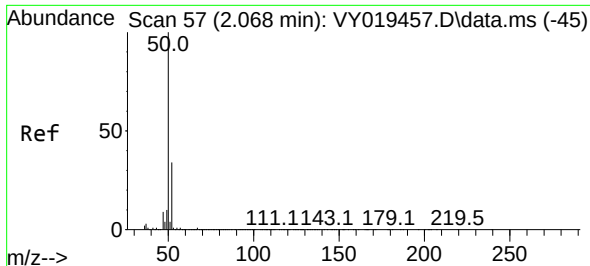
Tgt Ion:168 Resp: 451813
Ion Ratio Lower Upper
168 100
99 60.9 39.1 58.7#



#2
Dichlorodifluoromethane
Concen: 2.519 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.001 min
Lab File: VY019523.D
Acq: 12 Sep 2024 12:42

Tgt Ion: 85 Resp: 7195
Ion Ratio Lower Upper
85 100
87 32.2 16.0 48.0

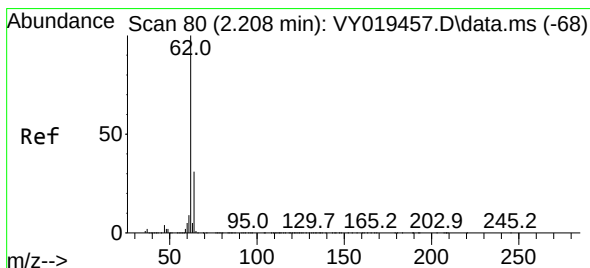
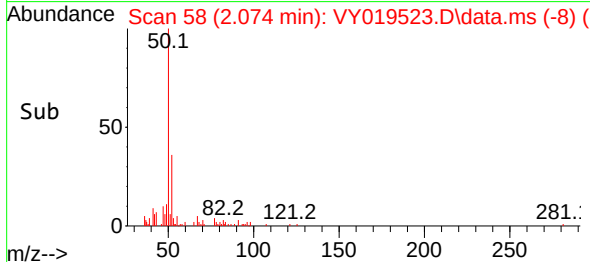
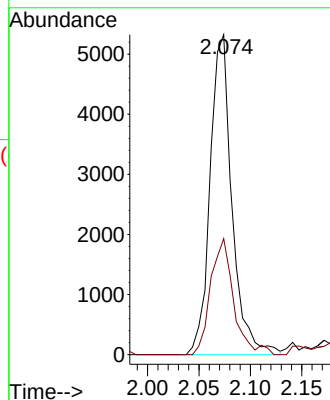
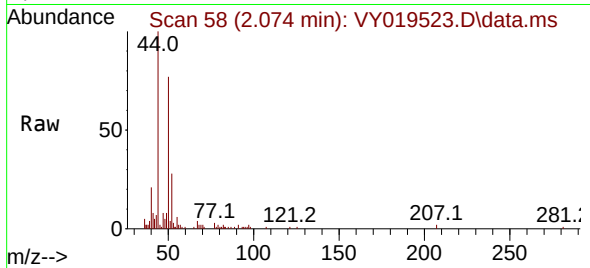




#3
Chloromethane
Concen: 2.109 ug/l
RT: 2.074 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY019523.D
Acq: 12 Sep 2024 12:42

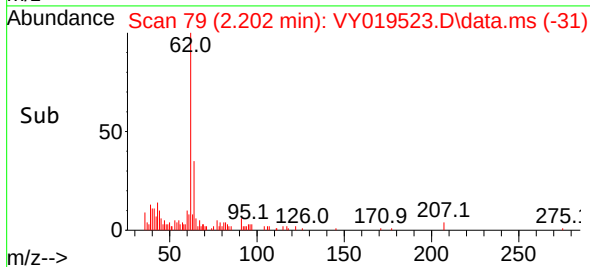
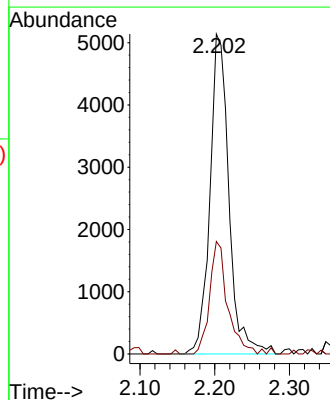
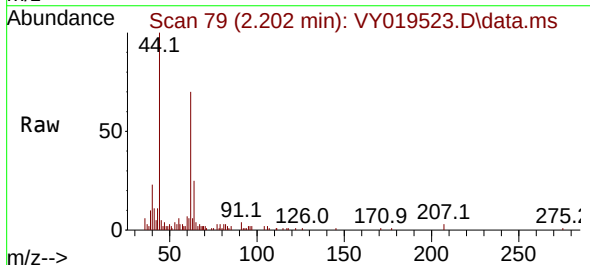
Instrument :
MSVOA_Y
ClientSampleId :

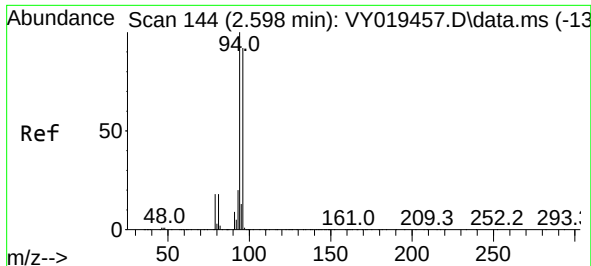
Tgt Ion: 50 Resp: 7884
Ion Ratio Lower Upper
50 100
52 36.3 25.6 38.4



#4
Vinyl Chloride
Concen: 2.249 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.006 min
Lab File: VY019523.D
Acq: 12 Sep 2024 12:42

Tgt Ion: 62 Resp: 9091
Ion Ratio Lower Upper
62 100
64 35.1 26.1 39.1

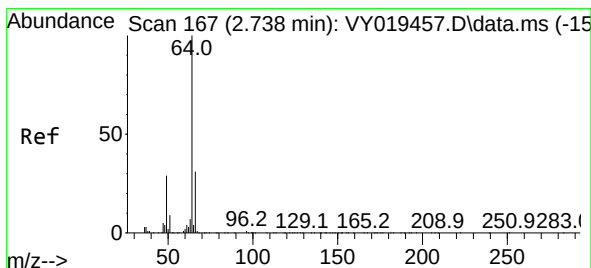
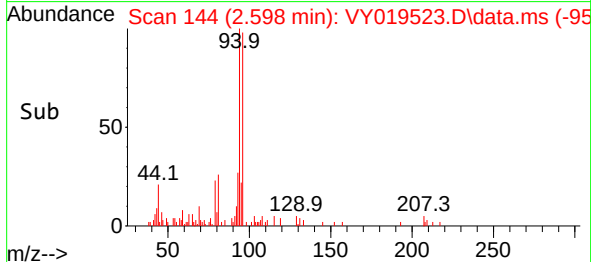
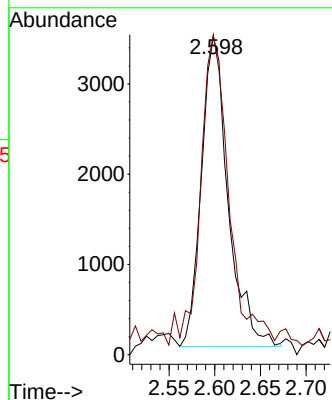
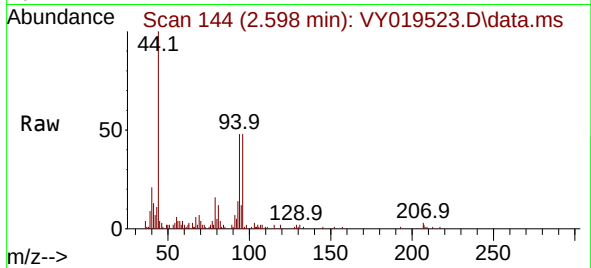




#5
Bromomethane
Concen: 2.828 ug/l
RT: 2.598 min Scan# 144
Delta R.T. 0.000 min
Lab File: VY019523.D
Acq: 12 Sep 2024 12:42

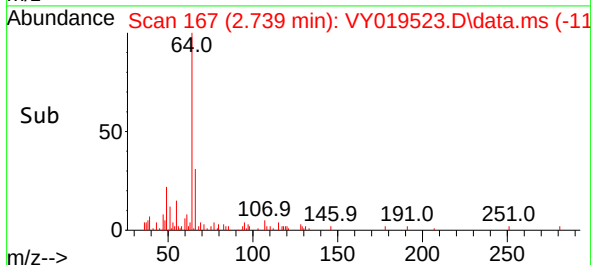
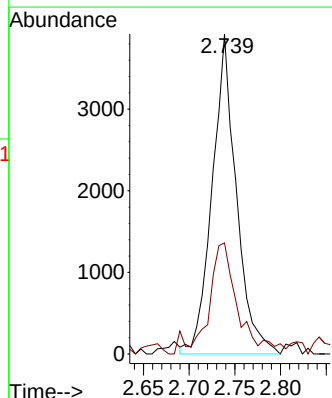
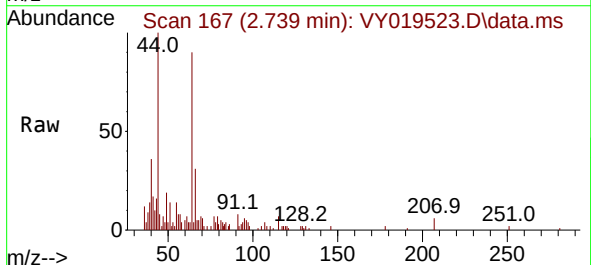
Instrument :
MSVOA_Y
ClientSampleId :

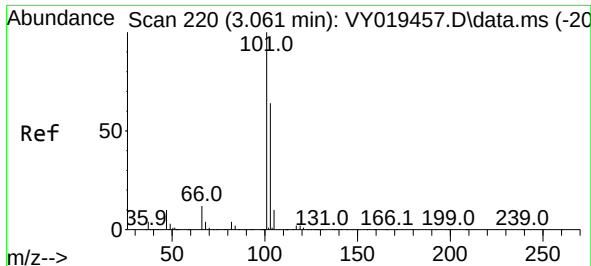
Tgt Ion: 94 Resp: 7022
Ion Ratio Lower Upper
94 100
96 97.8 74.1 111.1



#6
Chloroethane
Concen: 2.727 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.000 min
Lab File: VY019523.D
Acq: 12 Sep 2024 12:42

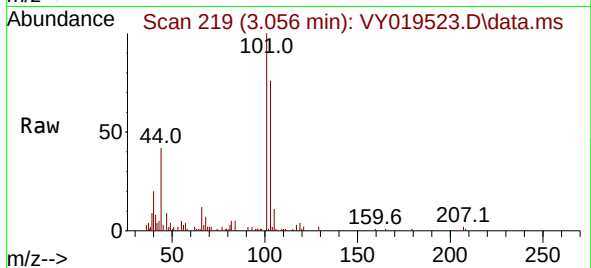
Tgt Ion: 64 Resp: 7206
Ion Ratio Lower Upper
64 100
66 31.5 26.1 39.1



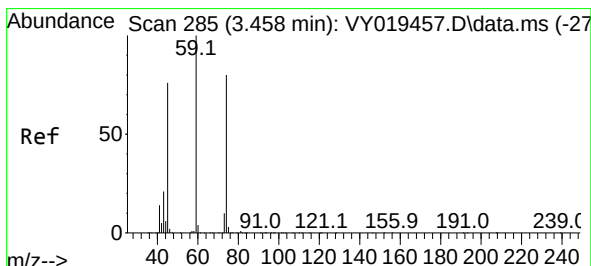
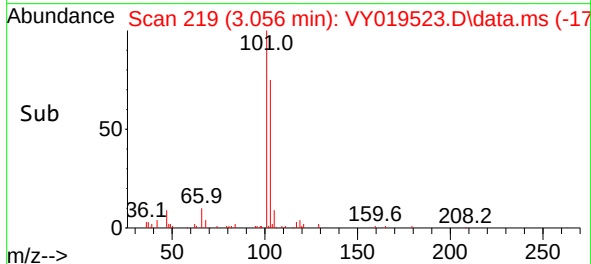
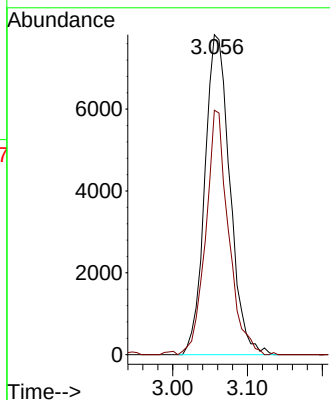


#7
Trichlorofluoromethane
Concen: 2.705 ug/l
RT: 3.056 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY019523.D
Acq: 12 Sep 2024 12:42

Instrument :
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ClientSampleId :

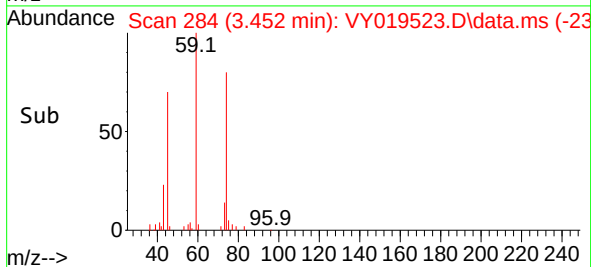
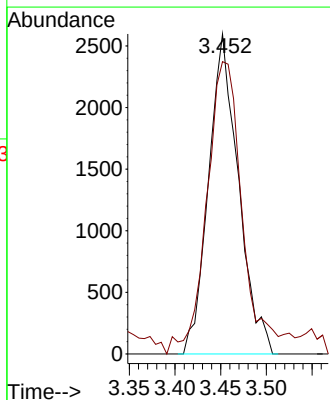
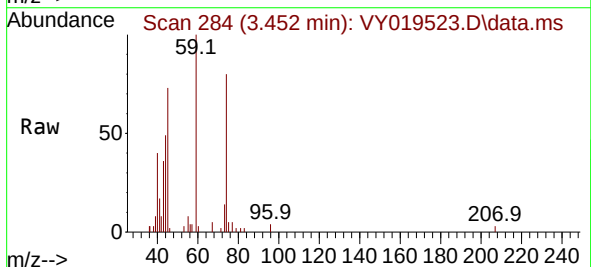


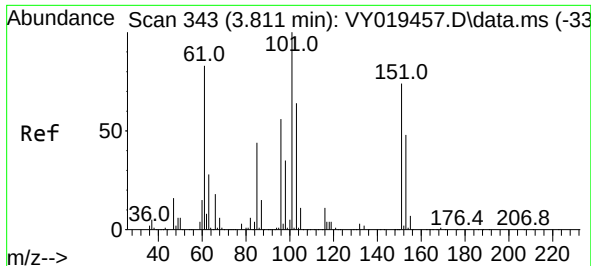
Tgt Ion:101 Resp: 18226
Ion Ratio Lower Upper
101 100
103 76.4 49.3 73.9#



#8
Diethyl Ether
Concen: 2.612 ug/l
RT: 3.452 min Scan# 284
Delta R.T. -0.006 min
Lab File: VY019523.D
Acq: 12 Sep 2024 12:42

Tgt Ion: 74 Resp: 5907
Ion Ratio Lower Upper
74 100
45 109.8 41.3 124.1

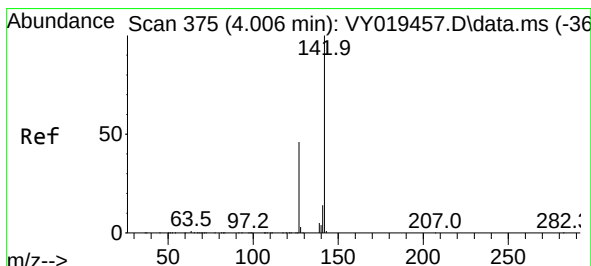
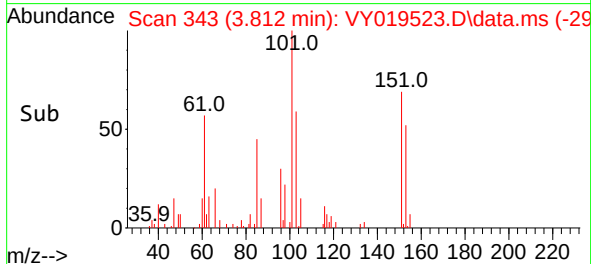
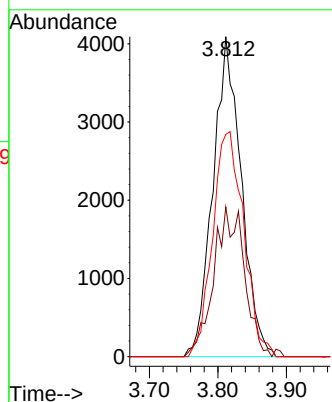
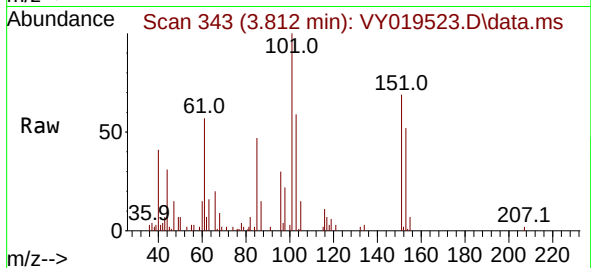




#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.814 ug/l
RT: 3.812 min Scan# 341
Delta R.T. 0.000 min
Lab File: VY019523.D
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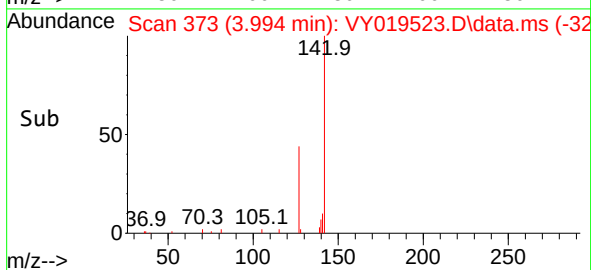
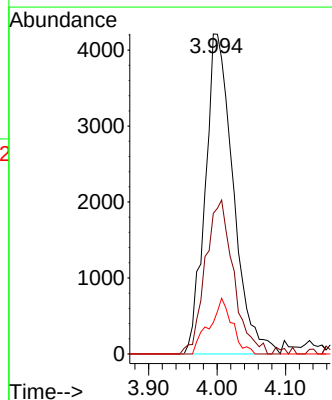
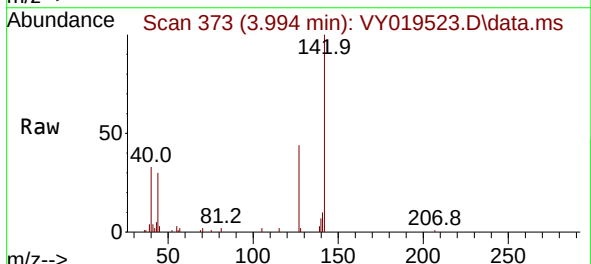
Instrument :
MSVOA_Y
ClientSampleId :

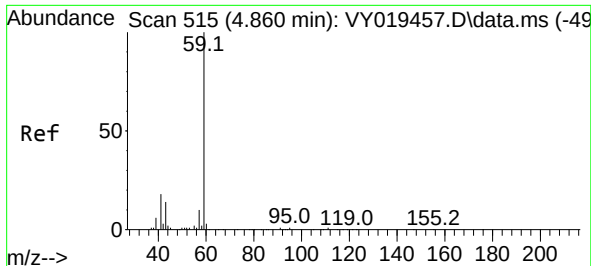
Tgt Ion:101 Resp: 11728
Ion Ratio Lower Upper
101 100
85 50.6 34.5 51.7
151 77.2 61.7 92.5



#10
Methyl Iodide
Concen: 2.241 ug/l
RT: 3.994 min Scan# 373
Delta R.T. -0.012 min
Lab File: VY019523.D
Acq: 12 Sep 2024 12:42

Tgt Ion:142 Resp: 11975
Ion Ratio Lower Upper
142 100
127 48.3 32.8 49.2
141 14.3 11.4 17.2

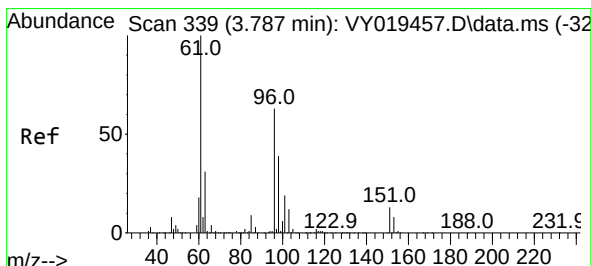
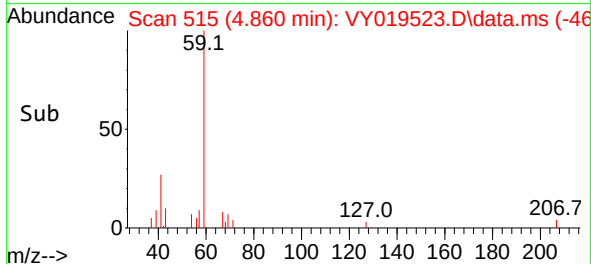
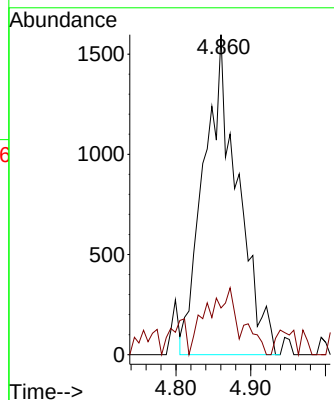
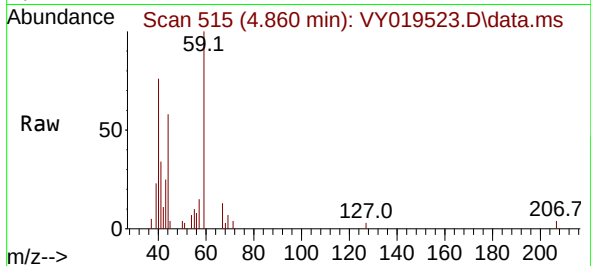




#11
Tert butyl alcohol
Concen: 14.822 ug/l
RT: 4.860 min Scan# 515
Delta R.T. 0.000 min
Lab File: VY019523.D
Acq: 12 Sep 2024 12:42

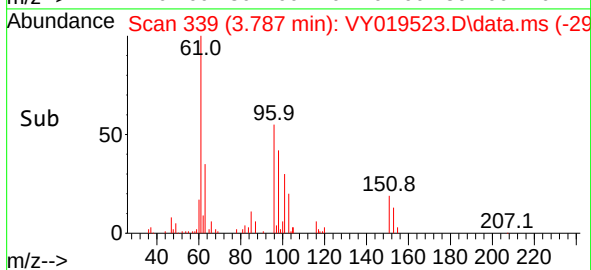
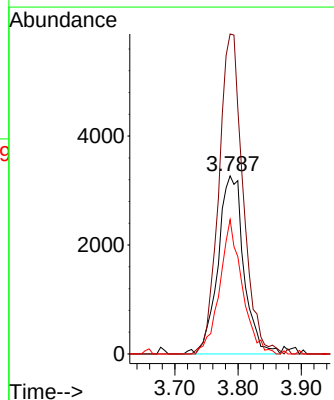
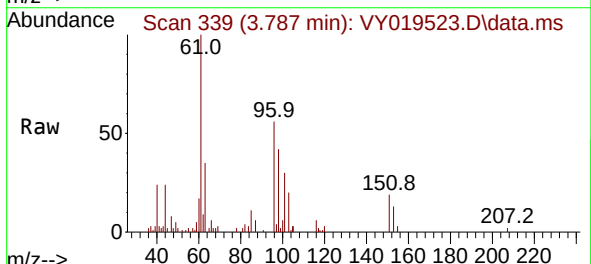
Instrument :
MSVOA_Y
ClientSampleId :

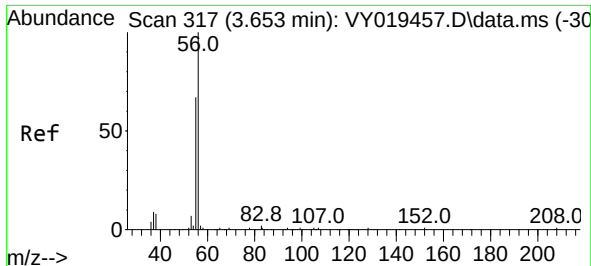
Tgt Ion: 59 Resp: 5008
Ion Ratio Lower Upper
59 100
57 16.9 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 2.312 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY019523.D
Acq: 12 Sep 2024 12:42

Tgt Ion: 96 Resp: 9269
Ion Ratio Lower Upper
96 100
61 179.6 114.6 171.8#
98 75.5 50.8 76.2





#13

Acrolein

Concen: 32.671 ug/l

RT: 3.659 min Scan# 317

Delta R.T. 0.006 min

Lab File: VY019523.D

Acq: 12 Sep 2024 12:42

Instrument :

MSVOA_Y

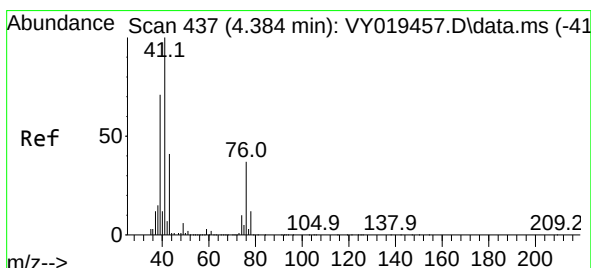
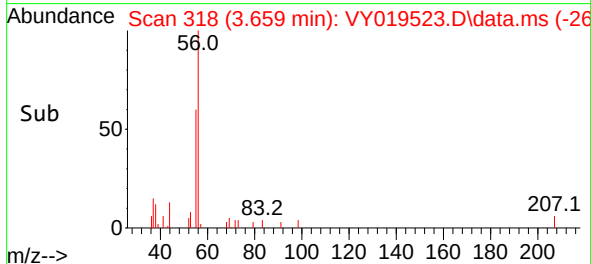
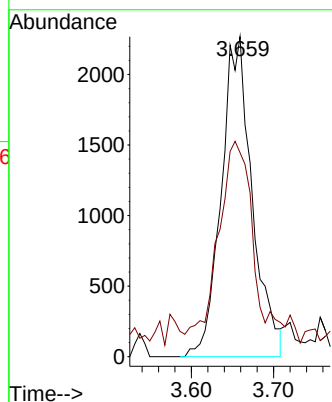
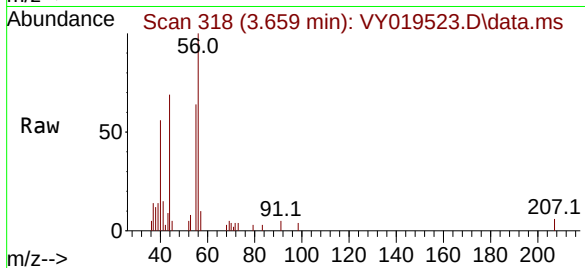
ClientSampleId :

Tgt Ion: 56 Resp: 5919

Ion Ratio Lower Upper

56 100

55 72.8 55.7 83.5



#14

Allyl chloride

Concen: 2.455 ug/l

RT: 4.385 min Scan# 437

Delta R.T. 0.000 min

Lab File: VY019523.D

Acq: 12 Sep 2024 12:42

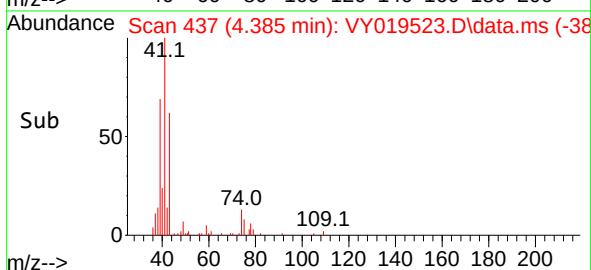
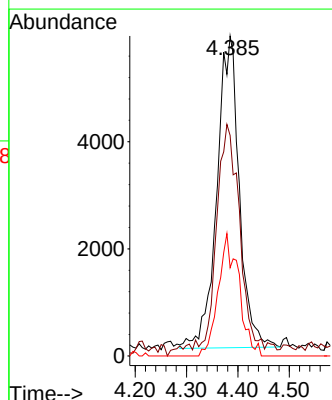
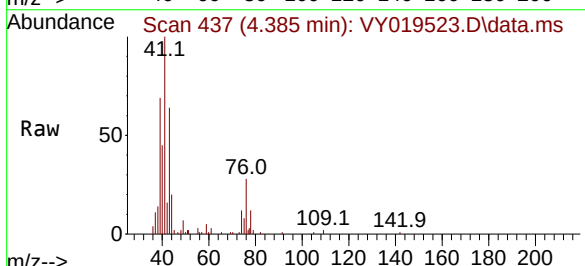
Tgt Ion: 41 Resp: 17649

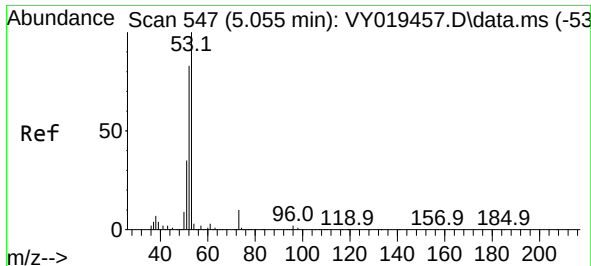
Ion Ratio Lower Upper

41 100

39 73.1 58.3 87.5

76 36.3 39.0 58.6#

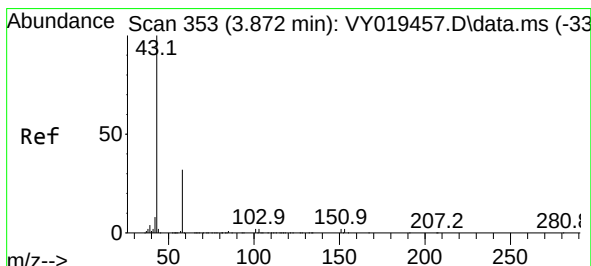
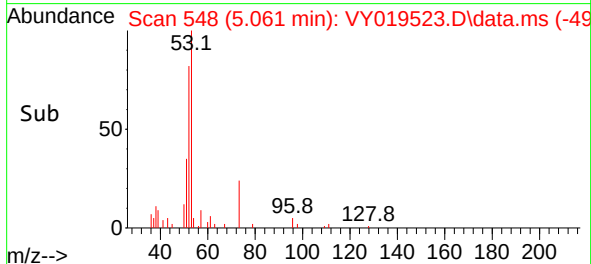
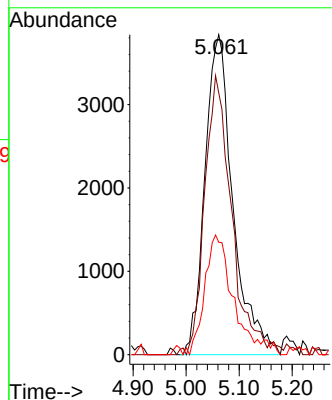
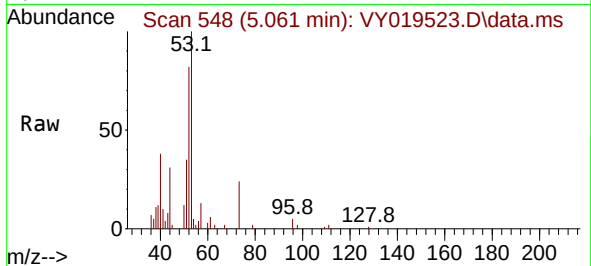




#15
Acrylonitrile
Concen: 14.485 ug/l
RT: 5.061 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY019523.D
Acq: 12 Sep 2024 12:42

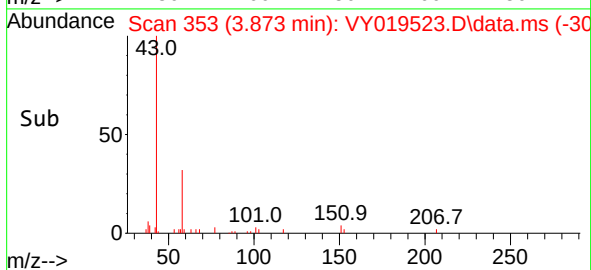
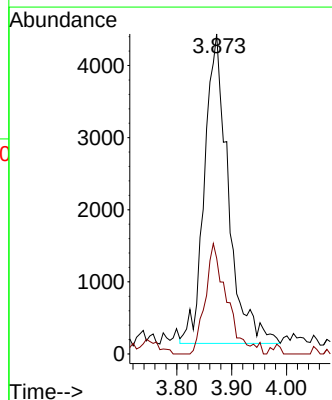
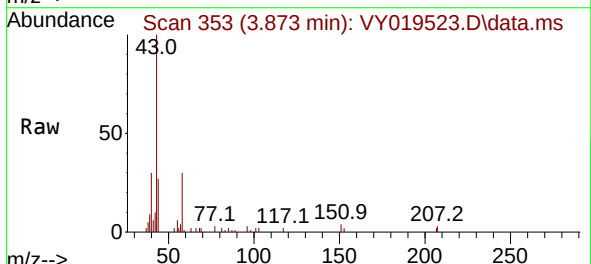
Instrument :
MSVOA_Y
ClientSampleId :

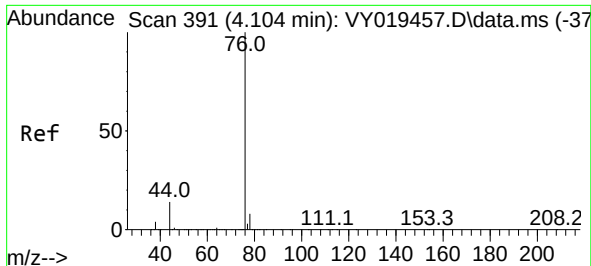
Tgt Ion: 53 Resp: 14126
Ion Ratio Lower Upper
53 100
52 82.7 64.7 97.1
51 37.0 28.4 42.6



#16
Acetone
Concen: 13.023 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY019523.D
Acq: 12 Sep 2024 12:42

Tgt Ion: 43 Resp: 12980
Ion Ratio Lower Upper
43 100
58 30.9 31.7 47.5#





#17

Carbon Disulfide

Concen: 1.211 ug/l

RT: 4.110 min Scan# 391

Delta R.T. 0.006 min

Lab File: VY019523.D

Acq: 12 Sep 2024 12:42

Instrument :

MSVOA_Y

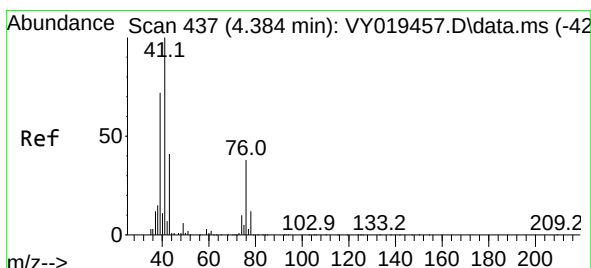
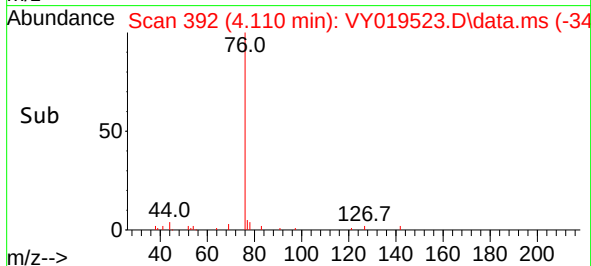
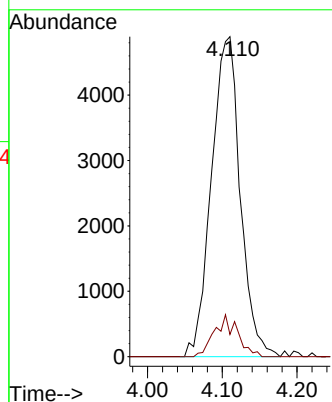
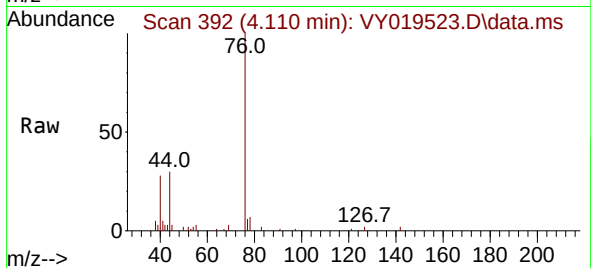
ClientSampleId :

Tgt Ion: 76 Resp: 13120

Ion Ratio Lower Upper

76 100

78 6.9 6.8 10.2



#18

Methyl Acetate

Concen: 4.005 ug/l

RT: 4.385 min Scan# 437

Delta R.T. 0.000 min

Lab File: VY019523.D

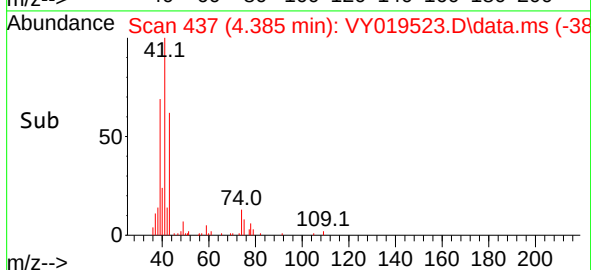
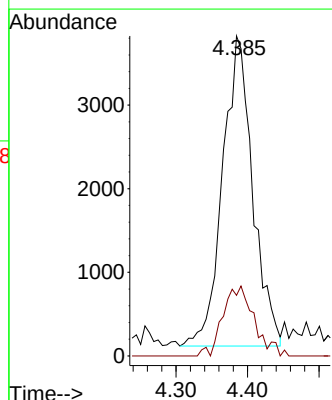
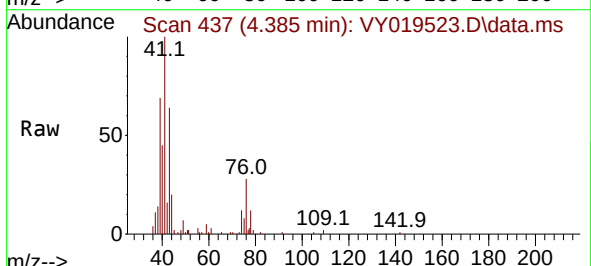
Acq: 12 Sep 2024 12:42

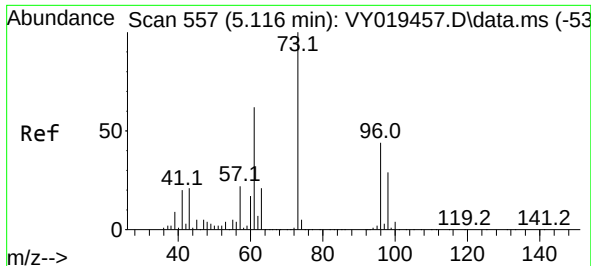
Tgt Ion: 43 Resp: 10834

Ion Ratio Lower Upper

43 100

74 23.5 23.3 34.9





#19

Methyl tert-butyl Ether

Concen: 2.928 ug/l

RT: 5.110 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY019523.D

Acq: 12 Sep 2024 12:42

Instrument :

MSVOA_Y

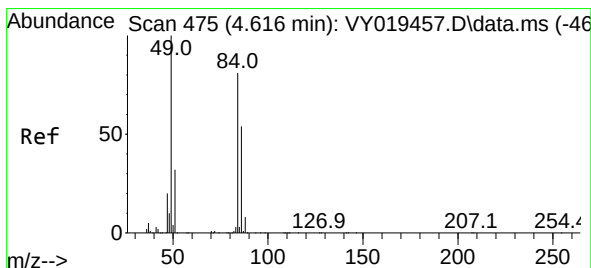
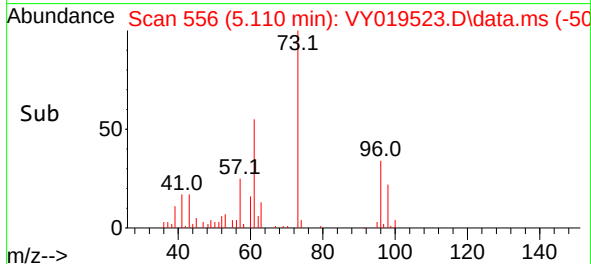
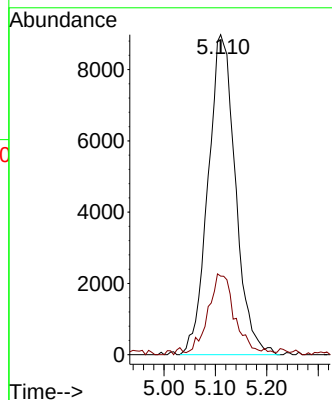
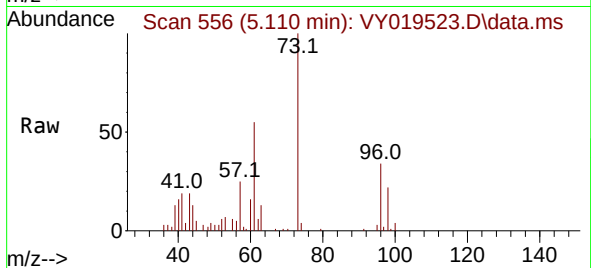
ClientSampleId :

Tgt Ion: 73 Resp: 33240

Ion Ratio Lower Upper

73 100

57 22.7 17.3 25.9



#20

Methylene Chloride

Concen: 4.899 ug/l

RT: 4.604 min Scan# 473

Delta R.T. -0.012 min

Lab File: VY019523.D

Acq: 12 Sep 2024 12:42

Tgt Ion: 84 Resp: 22270

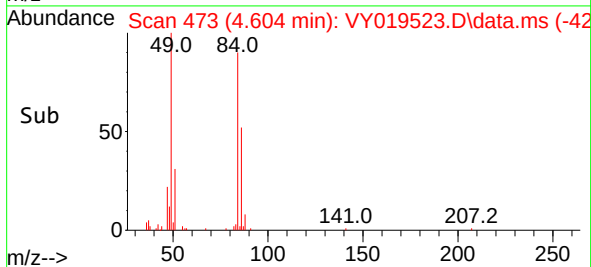
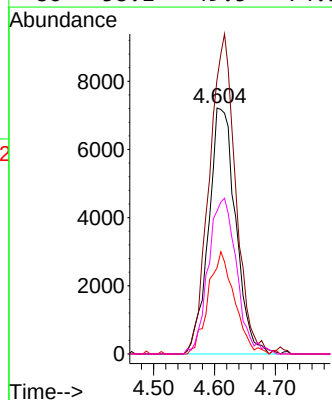
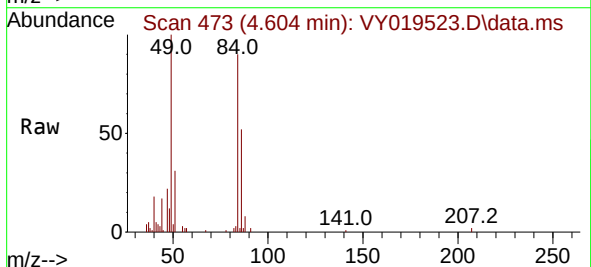
Ion Ratio Lower Upper

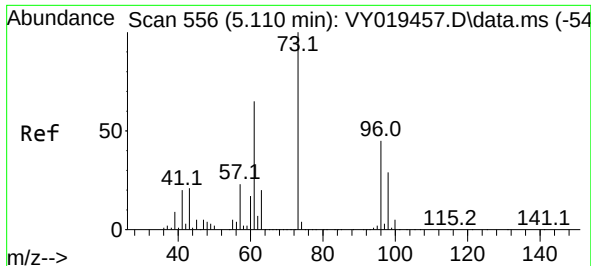
84 100

49 111.6 84.4 126.6

51 35.0 26.0 39.0

86 58.1 49.5 74.3

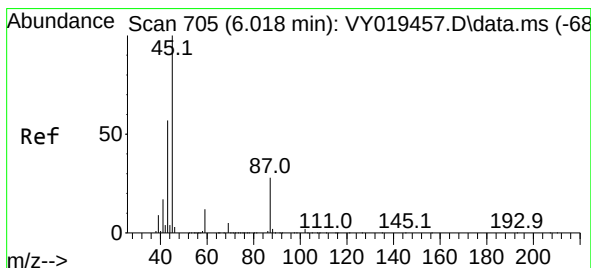
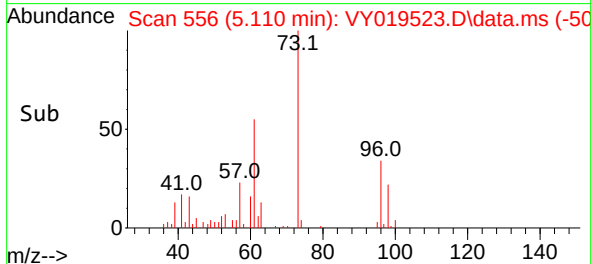
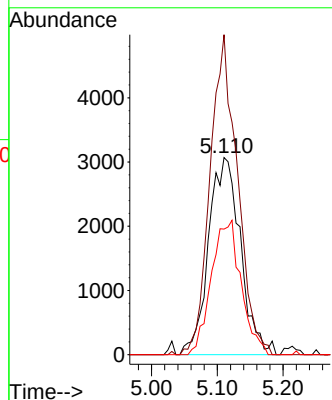
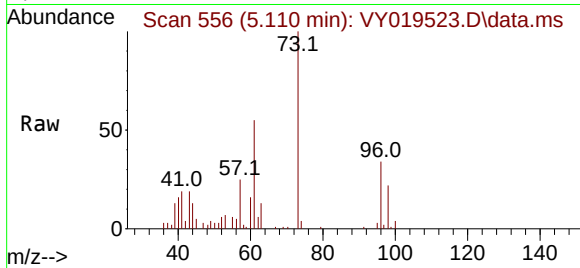




#21
trans-1,2-Dichloroethene
Concen: 2.359 ug/l
RT: 5.110 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY019523.D
Acq: 12 Sep 2024 12:42

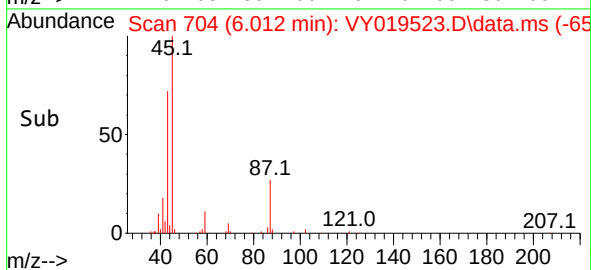
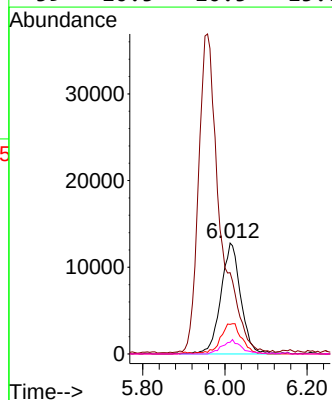
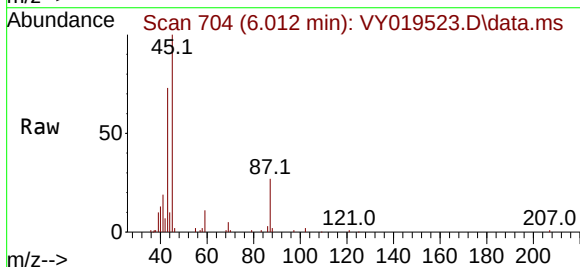
Instrument :
MSVOA_Y
ClientSampleId :

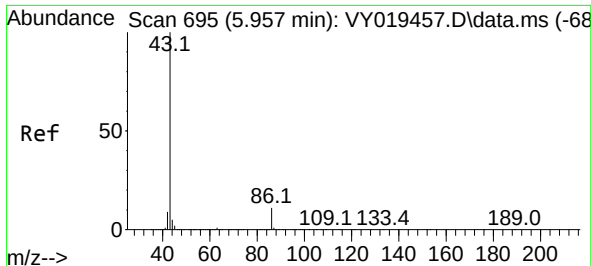
Tgt Ion: 96 Resp: 10363
Ion Ratio Lower Upper
96 100
61 162.3 97.5 146.3#
98 63.7 50.5 75.7



#22
Diisopropyl ether
Concen: 2.911 ug/l
RT: 6.012 min Scan# 704
Delta R.T. -0.006 min
Lab File: VY019523.D
Acq: 12 Sep 2024 12:42

Tgt Ion: 45 Resp: 42975
Ion Ratio Lower Upper
45 100
43 71.3 42.2 63.2#
87 26.8 25.0 37.6
59 10.5 10.5 15.7

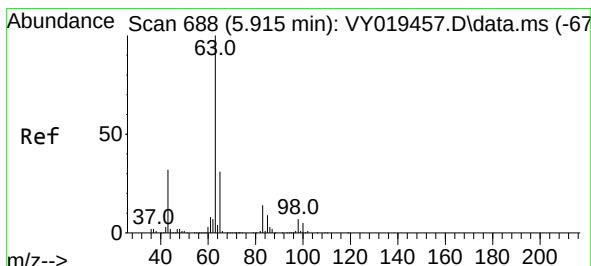
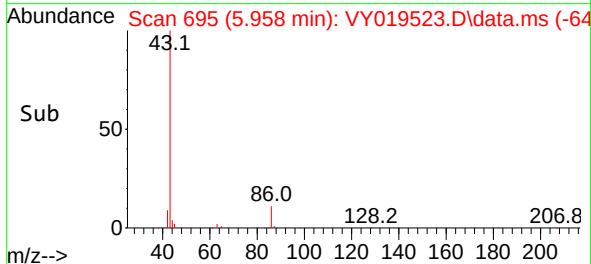
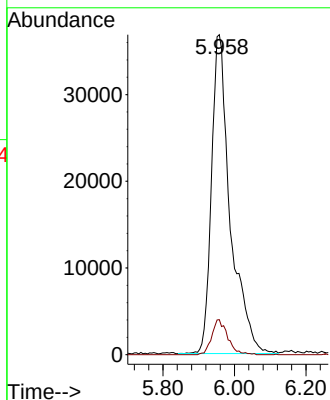
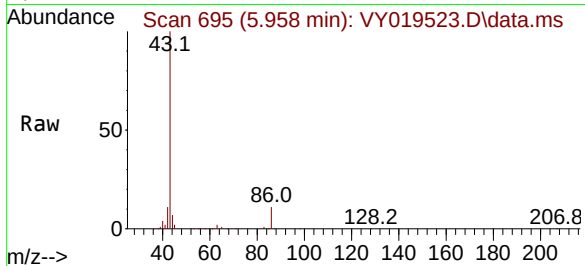




#23
 Vinyl Acetate
 Concen: 15.875 ug/l
 RT: 5.958 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VY019523.D
 Acq: 12 Sep 2024 12:42

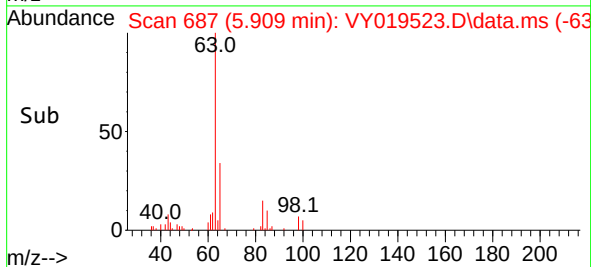
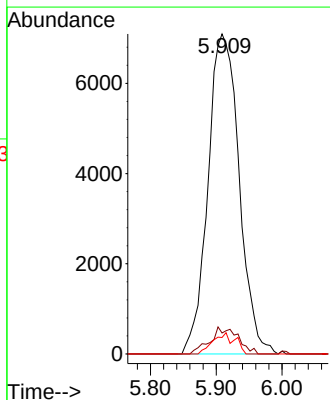
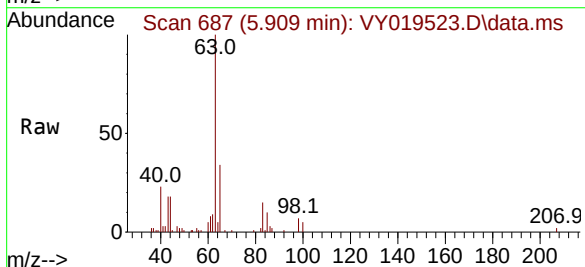
Instrument :
 MSVOA_Y
 ClientSampleId :

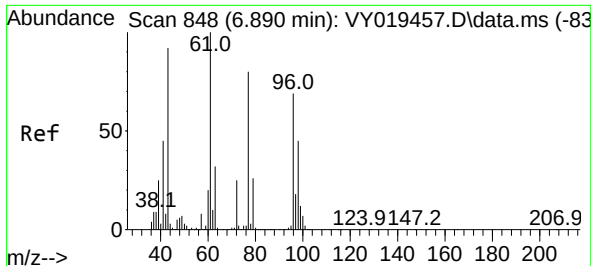
Tgt Ion: 43 Resp: 133851
 Ion Ratio Lower Upper
 43 100
 86 11.0 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 2.825 ug/l
 RT: 5.909 min Scan# 687
 Delta R.T. -0.006 min
 Lab File: VY019523.D
 Acq: 12 Sep 2024 12:42

Tgt Ion: 63 Resp: 23404
 Ion Ratio Lower Upper
 63 100
 98 6.6 4.0 12.2
 100 5.2 2.6 8.0





#25

2-Butanone

Concen: 11.712 ug/l

RT: 6.896 min Scan# 84

Delta R.T. 0.006 min

Lab File: VY019523.D

Acq: 12 Sep 2024 12:42

Instrument :

MSVOA_Y

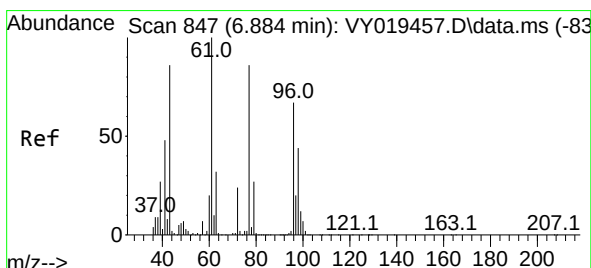
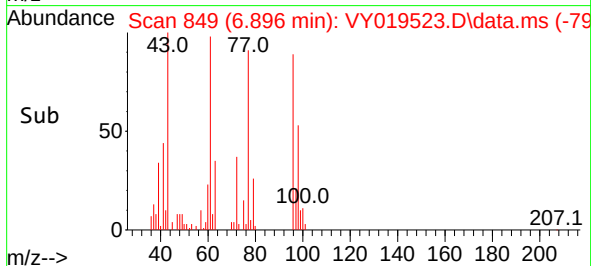
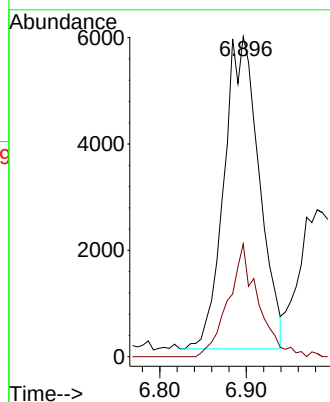
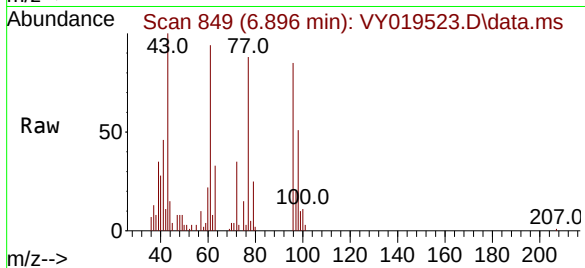
ClientSampleId :

Tgt Ion: 43 Resp: 16602

Ion Ratio Lower Upper

43 100

72 36.1 27.3 40.9



#26

2,2-Dichloropropane

Concen: 2.919 ug/l

RT: 6.878 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY019523.D

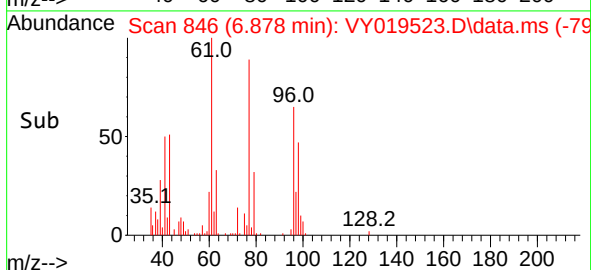
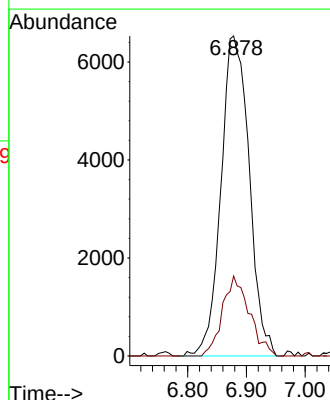
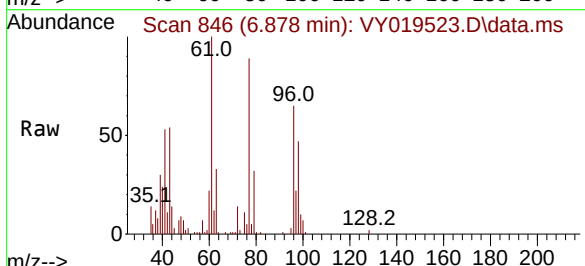
Acq: 12 Sep 2024 12:42

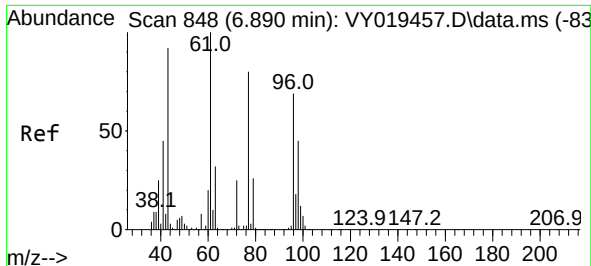
Tgt Ion: 77 Resp: 21809

Ion Ratio Lower Upper

77 100

97 23.7 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 2.859 ug/l

RT: 6.884 min Scan# 848

Delta R.T. -0.006 min

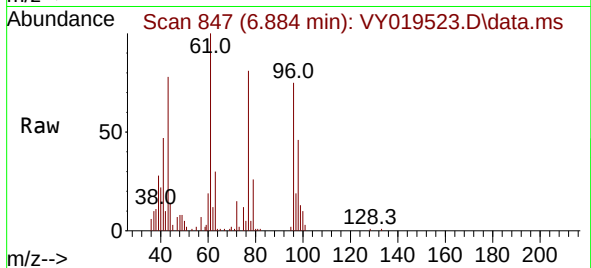
Lab File: VY019523.D

Acq: 12 Sep 2024 12:42

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 96 Resp: 15260

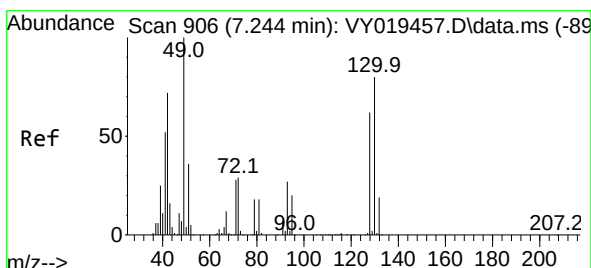
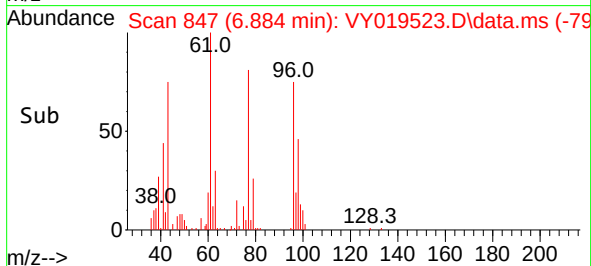
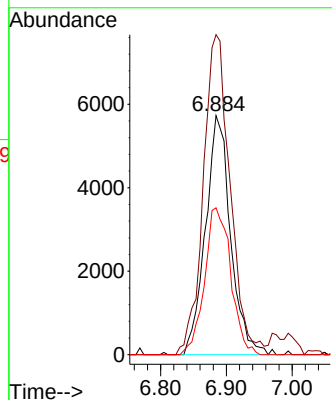
Ion	Ratio	Lower	Upper
96	100		
61	142.7	0.0	256.2
98	64.0	0.0	130.0

Ion Ratio Lower Upper

96 100

61 142.7 0.0 256.2

98 64.0 0.0 130.0



#28

Bromochloromethane

Concen: 2.657 ug/l

RT: 7.244 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY019523.D

Acq: 12 Sep 2024 12:42

Tgt Ion: 49 Resp: 9261

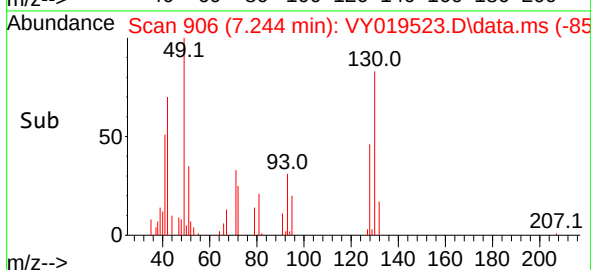
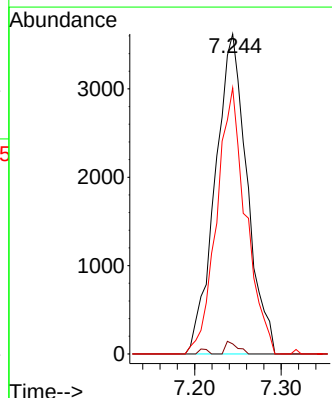
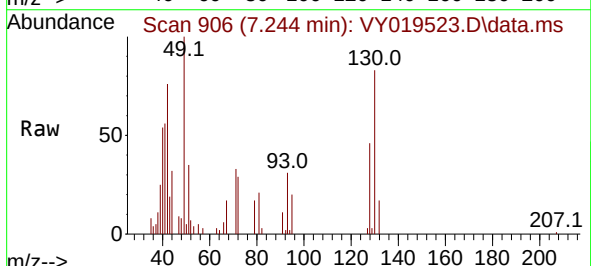
Ion	Ratio	Lower	Upper
49	100		
129	1.5	0.0	4.6
130	76.3	72.7	109.1

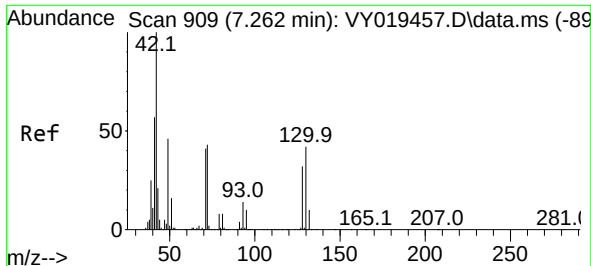
Ion Ratio Lower Upper

49 100

129 1.5 0.0 4.6

130 76.3 72.7 109.1

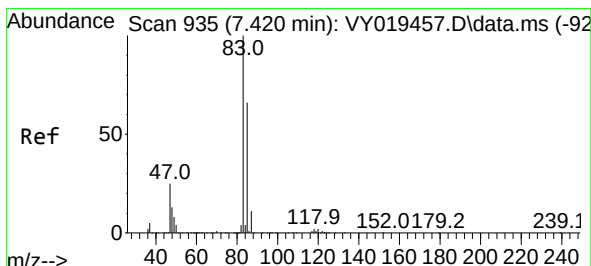
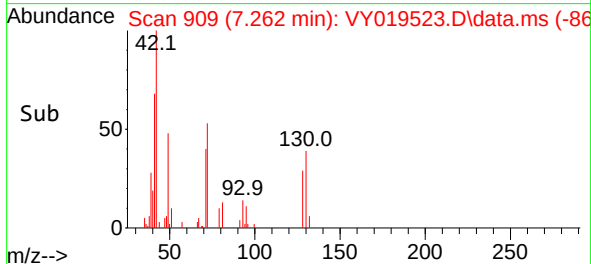
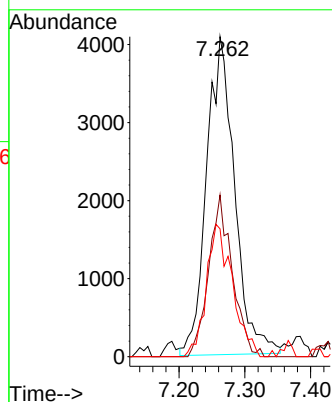
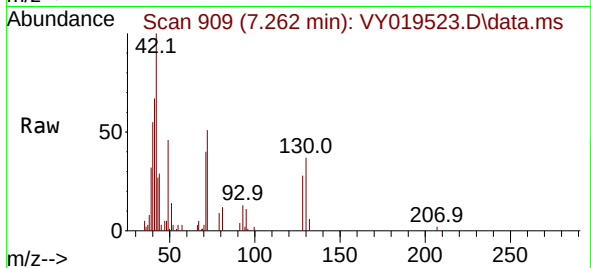




#29
Tetrahydrofuran
Concen: 14.007 ug/l
RT: 7.262 min Scan# 909
Delta R.T. 0.000 min
Lab File: VY019523.D
Acq: 12 Sep 2024 12:42

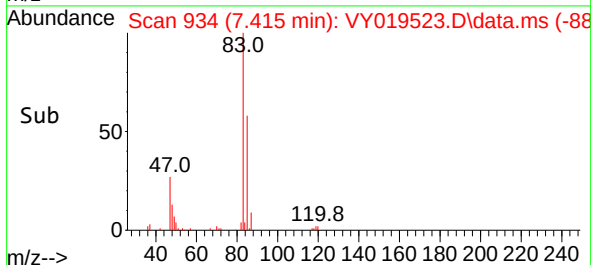
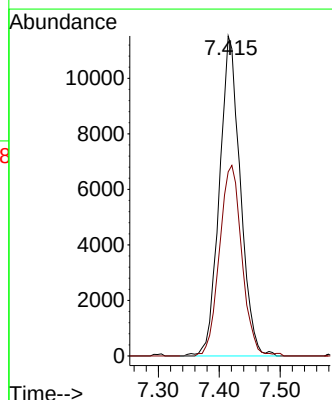
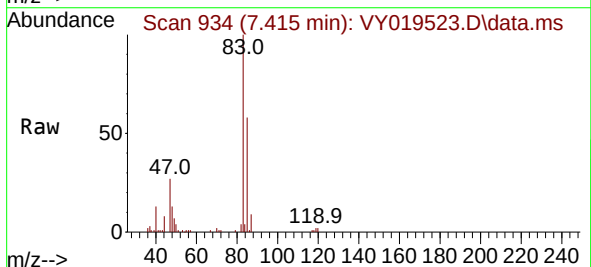
Instrument :
MSVOA_Y
ClientSampleId :

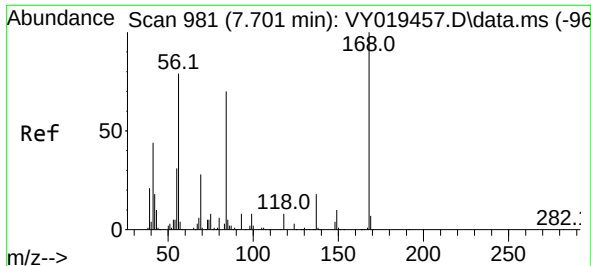
Tgt Ion: 42 Resp: 12073
Ion Ratio Lower Upper
42 100
72 43.0 43.0 64.4
71 38.8 40.8 61.2#



#30
Chloroform
Concen: 3.242 ug/l
RT: 7.415 min Scan# 934
Delta R.T. -0.006 min
Lab File: VY019523.D
Acq: 12 Sep 2024 12:42

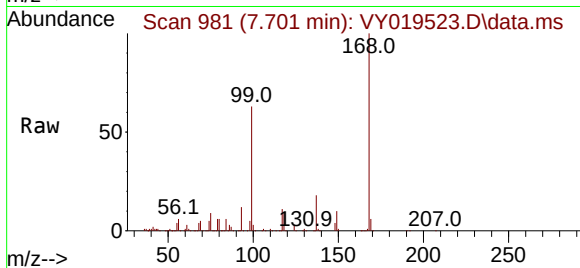
Tgt Ion: 83 Resp: 27412
Ion Ratio Lower Upper
83 100
85 57.5 52.2 78.4



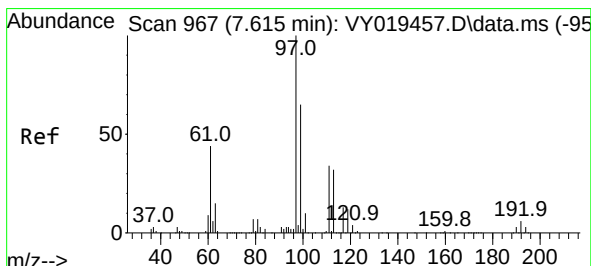
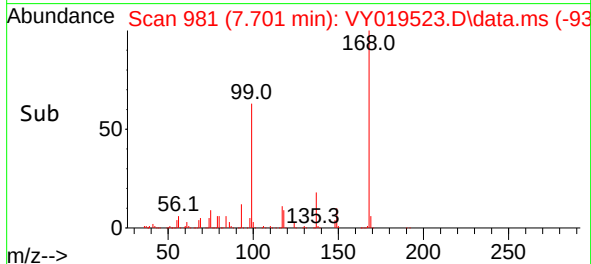
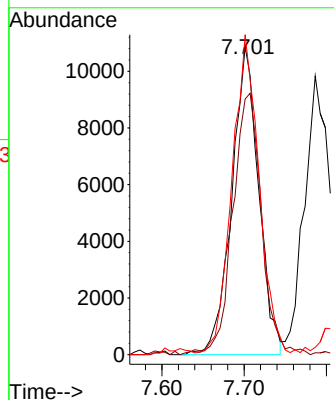


#31
Cyclohexane
Concen: 3.309 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY019523.D
Acq: 12 Sep 2024 12:42

Instrument :
MSVOA_Y
ClientSampleId :

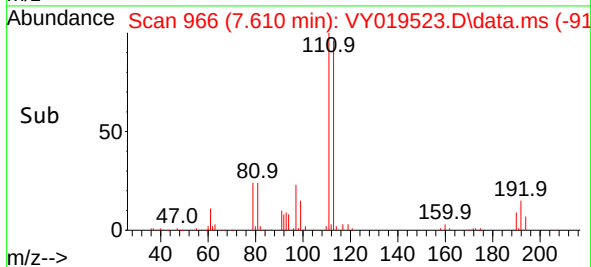
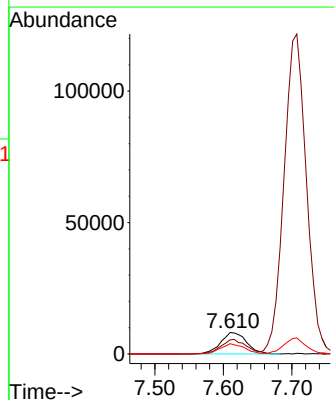
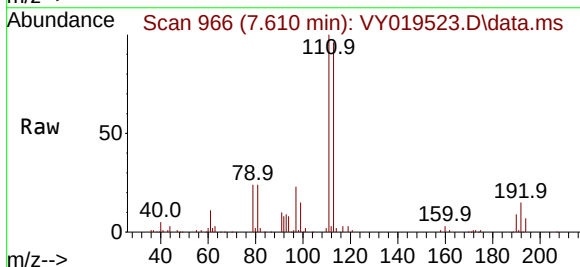


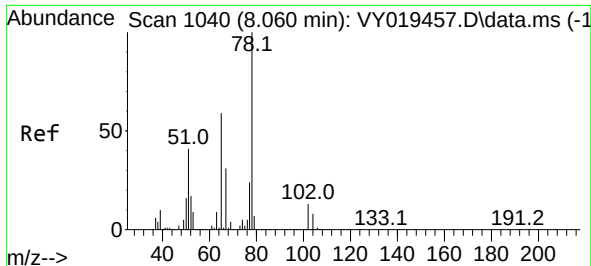
Tgt Ion: 56 Resp: 24773
Ion Ratio Lower Upper
56 100
69 83.0 28.7 43.1#
84 102.0 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 2.822 ug/l
RT: 7.610 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY019523.D
Acq: 12 Sep 2024 12:42

Tgt Ion: 97 Resp: 21390
Ion Ratio Lower Upper
97 100
99 65.1 50.3 75.5
61 44.6 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 54.106 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY019523.D

Acq: 12 Sep 2024 12:42

Instrument :

MSVOA_Y

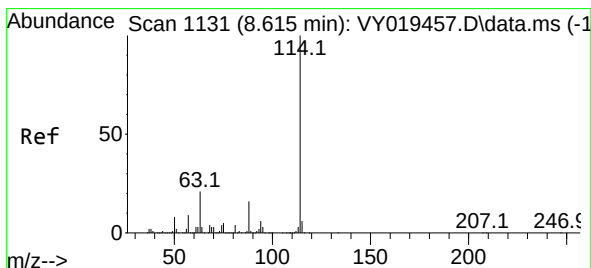
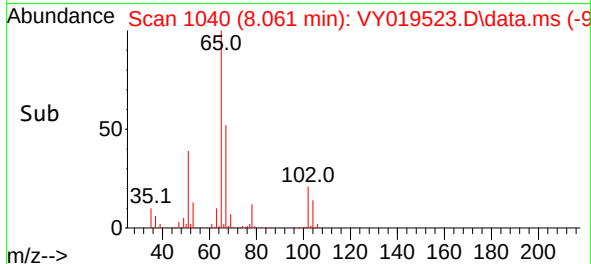
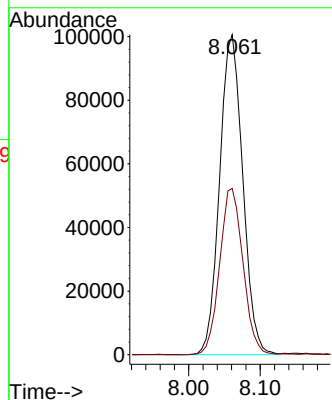
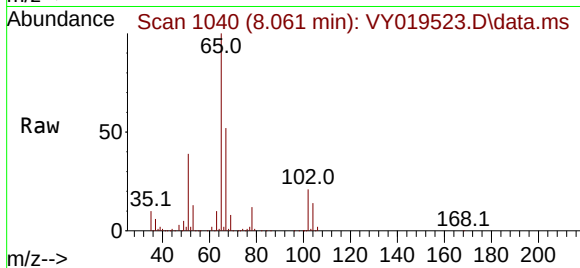
ClientSampleId :

Tgt Ion: 65 Resp: 226362

Ion Ratio Lower Upper

65 100

67 52.4 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: VY019523.D

Acq: 12 Sep 2024 12:42

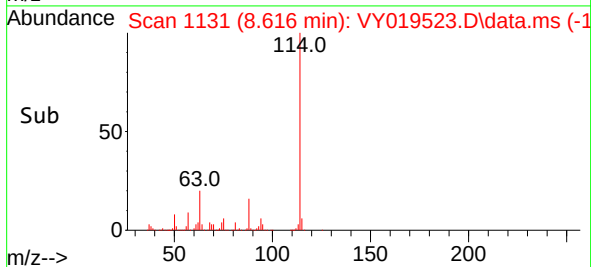
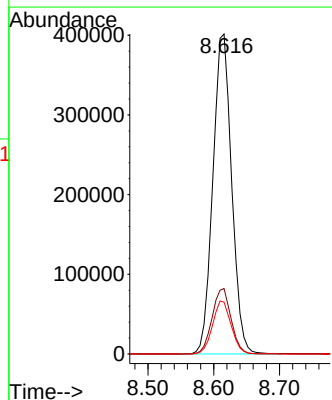
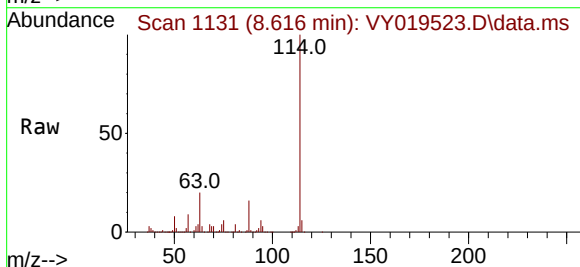
Tgt Ion: 114 Resp: 798989

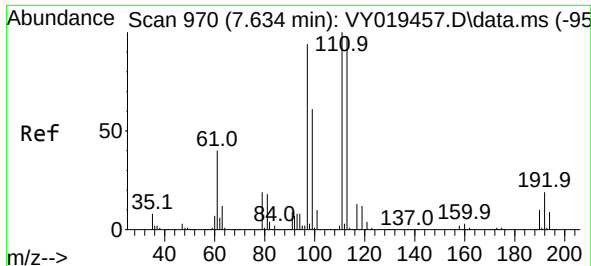
Ion Ratio Lower Upper

114 100

63 20.4 0.0 35.0

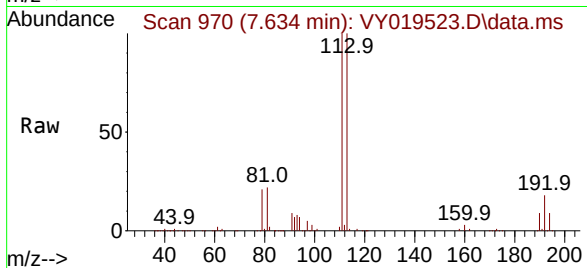
88 16.2 0.0 27.2



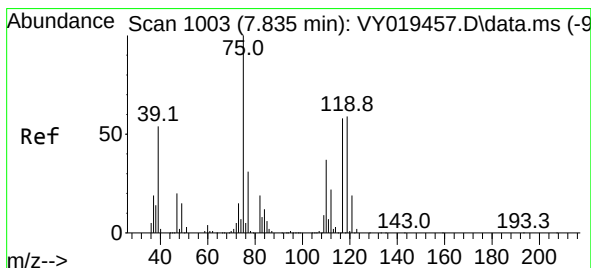
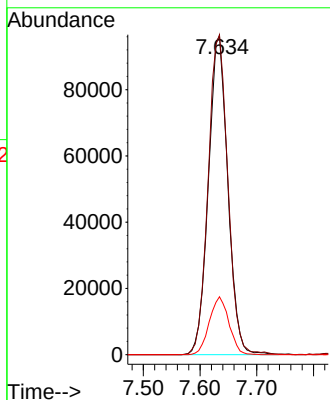
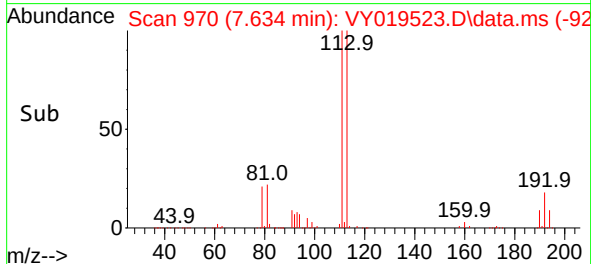


#35
Dibromofluoromethane
Concen: 50.463 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019523.D
Acq: 12 Sep 2024 12:42

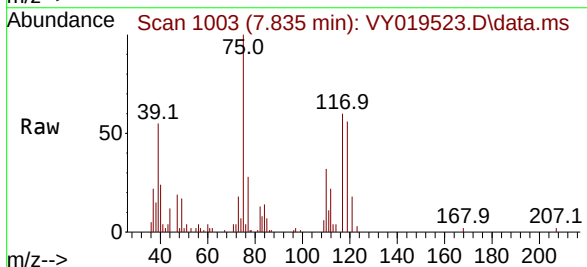
Instrument :
MSVOA_Y
ClientSampleId :



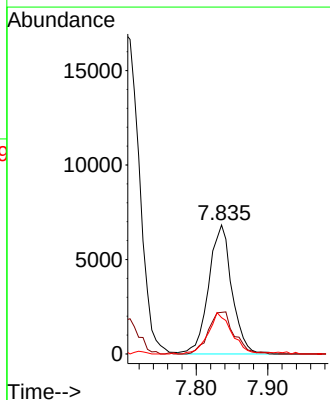
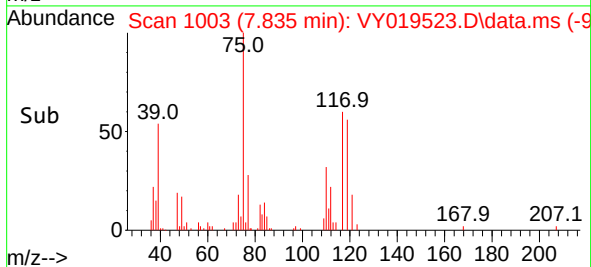
Tgt Ion:113 Resp: 228603
Ion Ratio Lower Upper
113 100
111 102.4 82.2 123.4
192 18.4 15.9 23.9

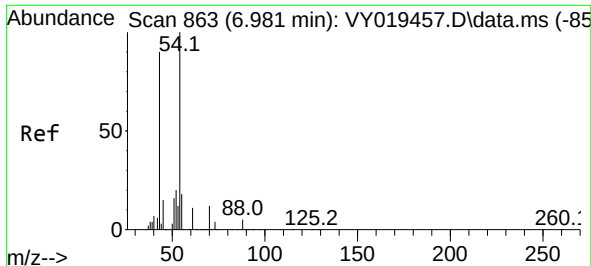


#36
1,1-Dichloropropene
Concen: 2.501 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY019523.D
Acq: 12 Sep 2024 12:42



Tgt Ion: 75 Resp: 15416
Ion Ratio Lower Upper
75 100
110 36.1 19.0 57.0
77 32.6 25.3 37.9





#37

Ethyl Acetate

Concen: 2.330 ug/l

RT: 6.982 min Scan# 80

Delta R.T. 0.000 min

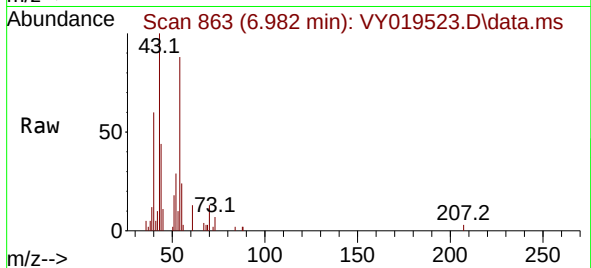
Lab File: VY019523.D

Acq: 12 Sep 2024 12:42

Instrument :

MSVOA_Y

ClientSampleId :



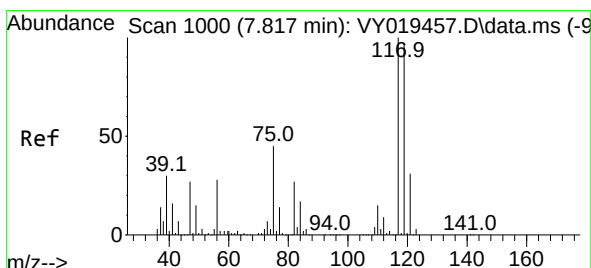
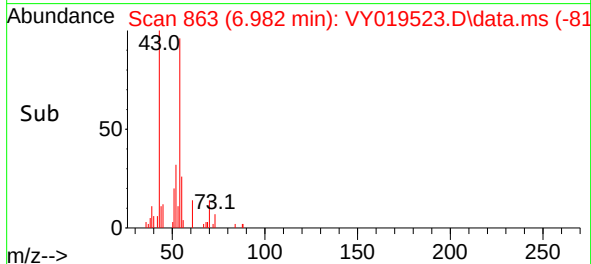
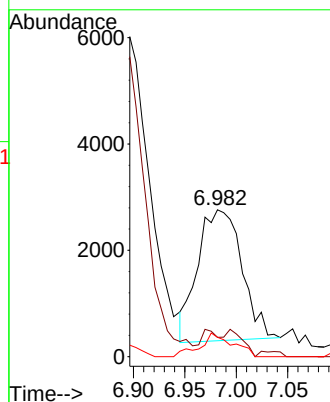
Tgt Ion: 43 Resp: 7359

Ion Ratio Lower Upper

43 100

61 0.0 12.6 19.0#

70 13.2 7.8 11.8#



#38

Carbon Tetrachloride

Concen: 2.548 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VY019523.D

Acq: 12 Sep 2024 12:42

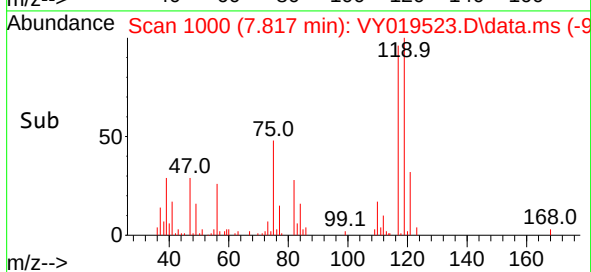
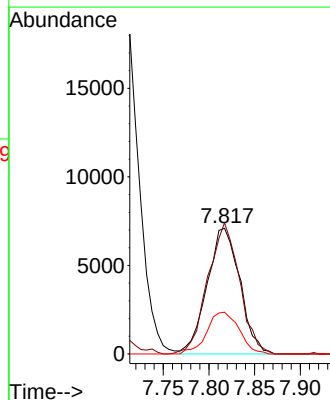
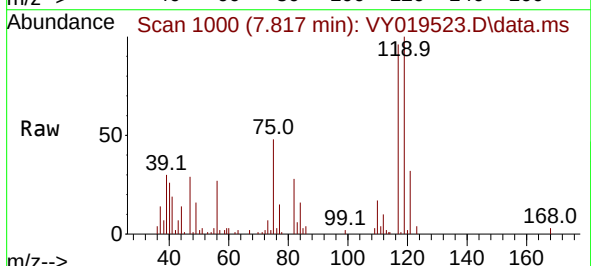
Tgt Ion: 117 Resp: 17715

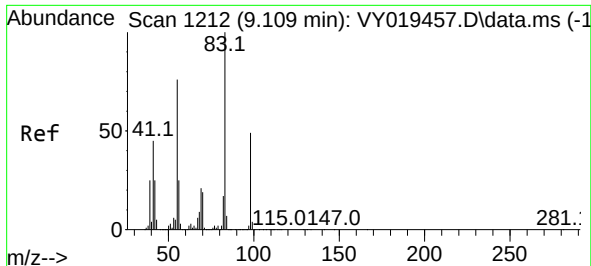
Ion Ratio Lower Upper

117 100

119 104.2 75.8 113.6

121 33.2 24.0 36.0





#39

Methylcyclohexane

Concen: 2.069 ug/l

RT: 9.109 min Scan# 11

Delta R.T. 0.000 min

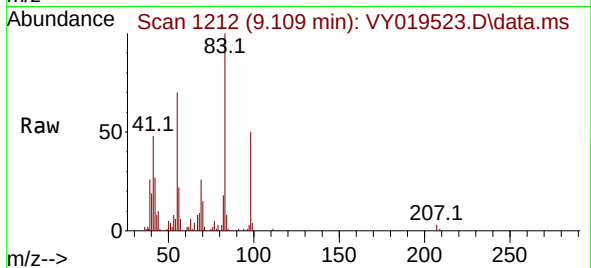
Lab File: VY019523.D

Acq: 12 Sep 2024 12:42

Instrument :

MSVOA_Y

ClientSampleId :



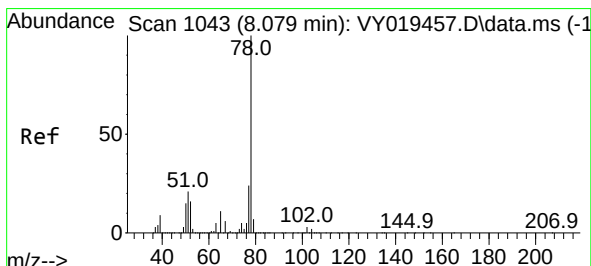
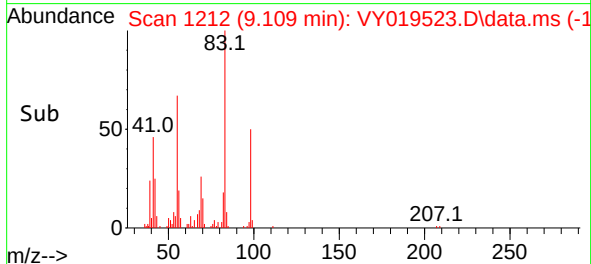
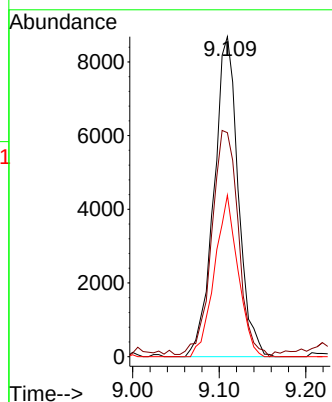
Tgt Ion: 83 Resp: 16972

Ion Ratio Lower Upper

83 100

55 69.3 51.5 77.3

98 50.5 40.5 60.7



#40

Benzene

Concen: 2.580 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VY019523.D

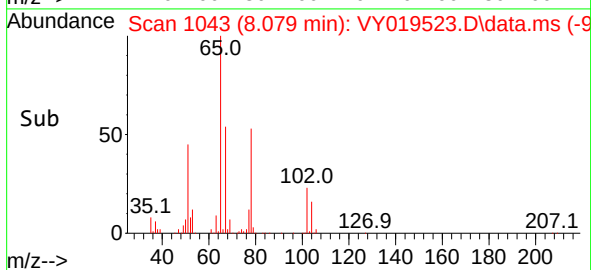
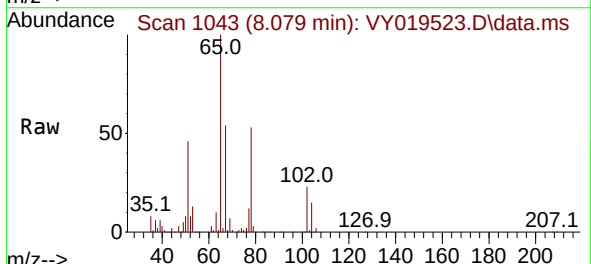
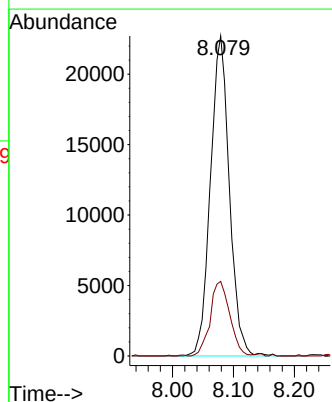
Acq: 12 Sep 2024 12:42

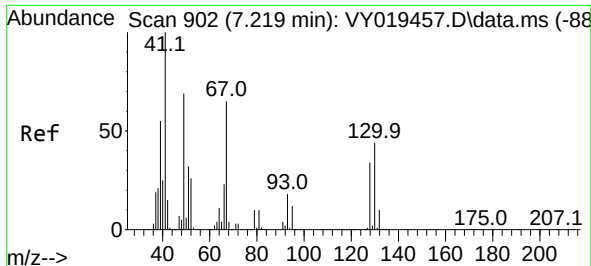
Tgt Ion: 78 Resp: 48979

Ion Ratio Lower Upper

78 100

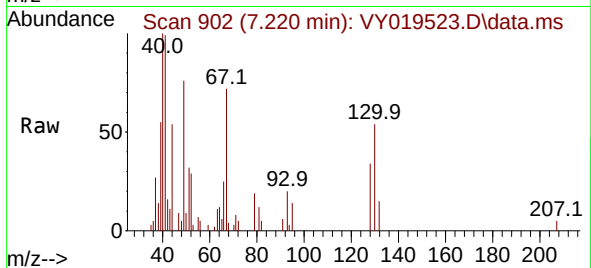
77 23.3 19.5 29.3



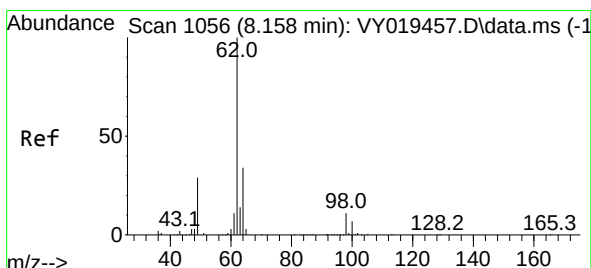
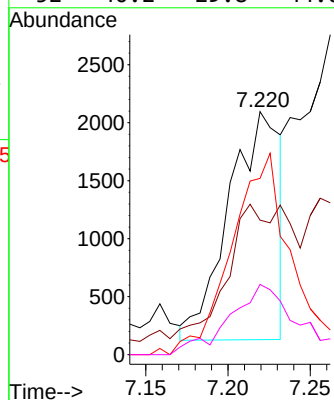
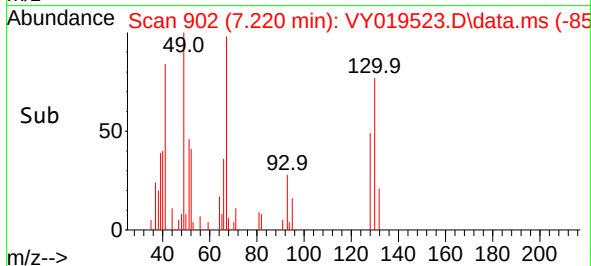


#41
Methacrylonitrile
Concen: 2.323 ug/l
RT: 7.220 min Scan# 902
Delta R.T. 0.000 min
Lab File: VY019523.D
Acq: 12 Sep 2024 12:42

Instrument :
MSVOA_Y
ClientSampleId :

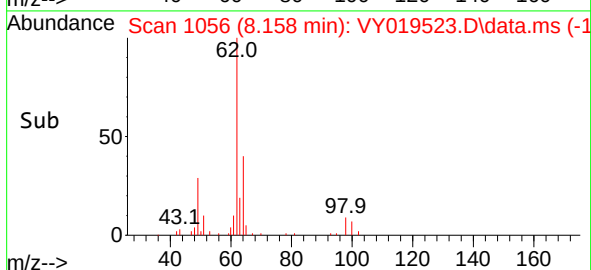
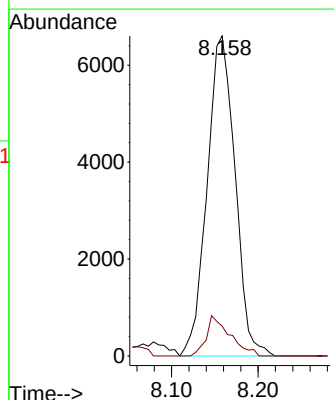
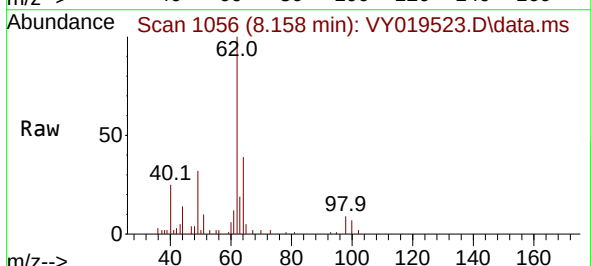


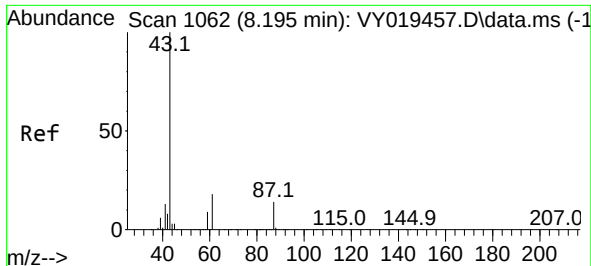
Tgt Ion:	41	Resp:	4276
Ion	Ratio	Lower	Upper
41	100		
39	84.7	48.0	72.0#
67	107.3	75.1	112.7
52	40.2	29.8	44.6



#42
1,2-Dichloroethane
Concen: 2.900 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY019523.D
Acq: 12 Sep 2024 12:42

Tgt Ion:	62	Resp:	14816
Ion	Ratio	Lower	Upper
62	100		
98	10.6	0.0	22.0

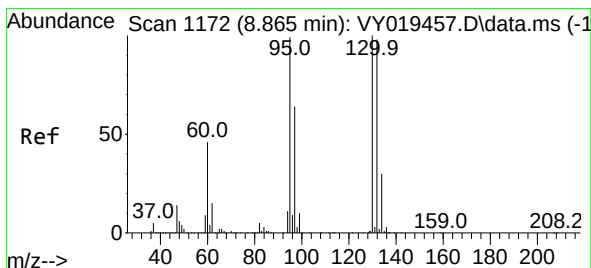
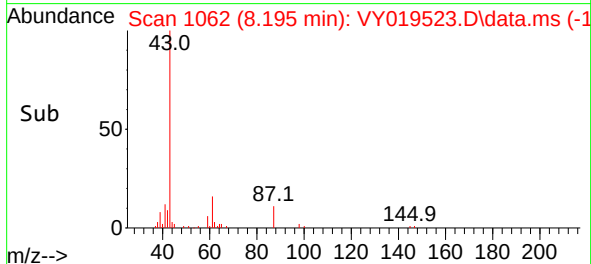
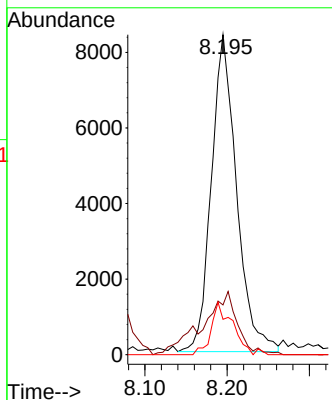
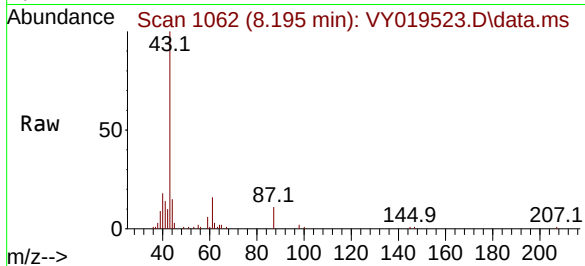




#43
Isopropyl Acetate
Concen: 2.696 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VY019523.D
Acq: 12 Sep 2024 12:42

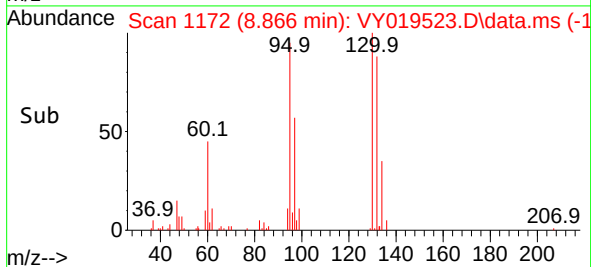
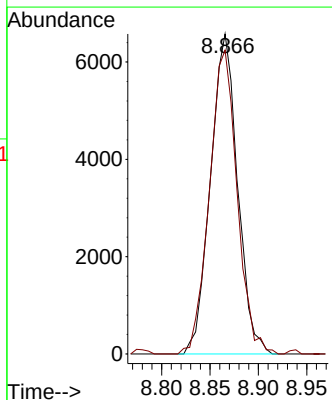
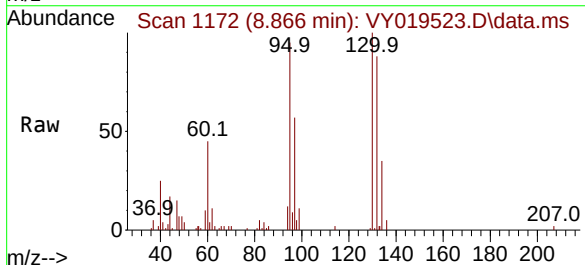
Instrument :
MSVOA_Y
ClientSampleId :

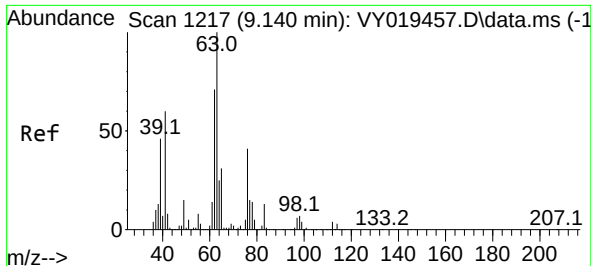
Tgt Ion: 43 Resp: 17887
Ion Ratio Lower Upper
43 100
61 27.8 27.9 41.9#
87 13.7 13.1 19.7



#44
Trichloroethene
Concen: 2.625 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY019523.D
Acq: 12 Sep 2024 12:42

Tgt Ion:130 Resp: 12815
Ion Ratio Lower Upper
130 100
95 95.0 0.0 188.0





#45

1,2-Dichloropropane

Concen: 2.824 ug/l

RT: 9.146 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VY019523.D

Acq: 12 Sep 2024 12:42

Instrument :

MSVOA_Y

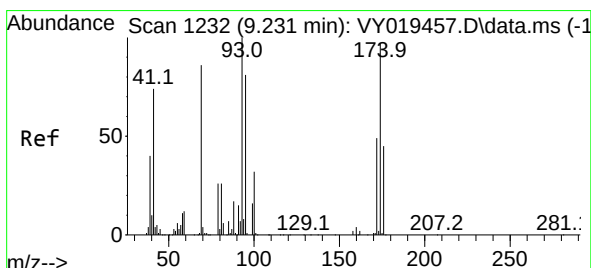
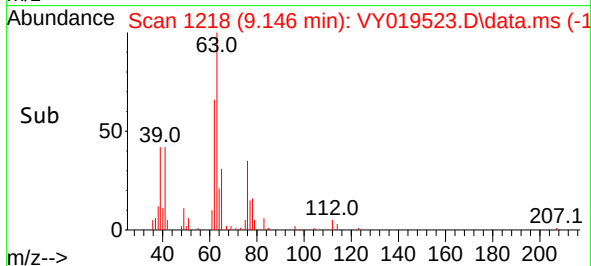
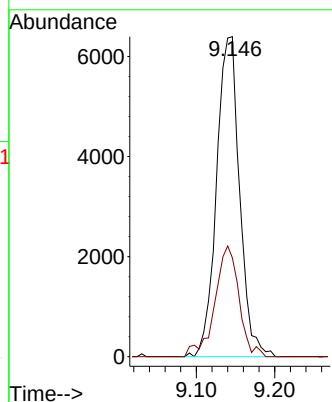
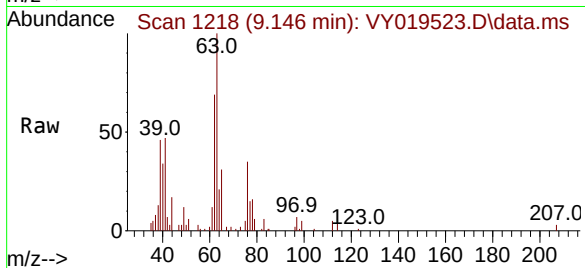
ClientSampleId :

Tgt Ion: 63 Resp: 13110

Ion Ratio Lower Upper

63 100

65 30.9 25.4 38.2



#46

Dibromomethane

Concen: 2.718 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY019523.D

Acq: 12 Sep 2024 12:42

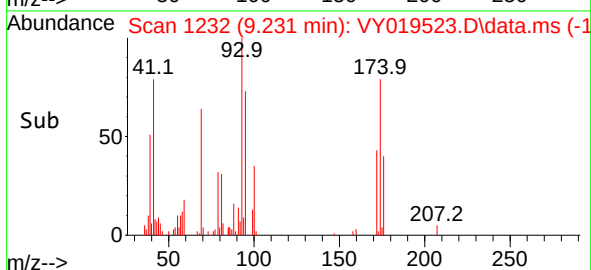
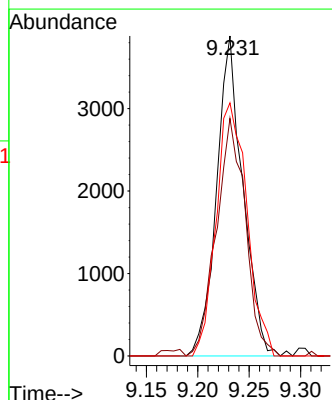
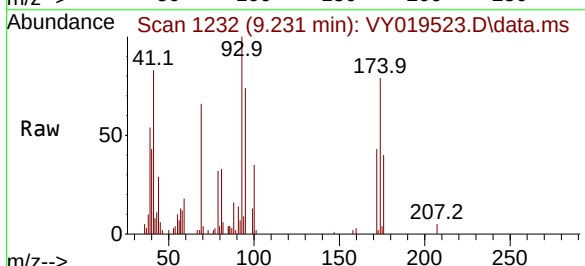
Tgt Ion: 93 Resp: 6898

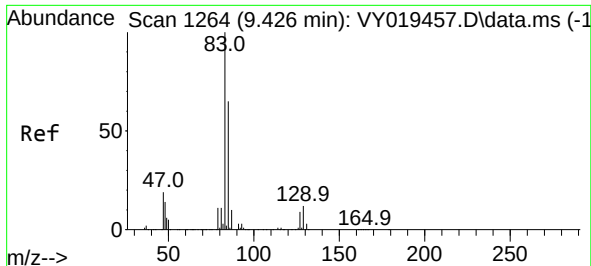
Ion Ratio Lower Upper

93 100

95 81.8 66.2 99.4

174 92.8 80.9 121.3





#47

Bromodichloromethane

Concen: 2.930 ug/l

RT: 9.426 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019523.D

Acq: 12 Sep 2024 12:42

Instrument :

MSVOA_Y

ClientSampleId :

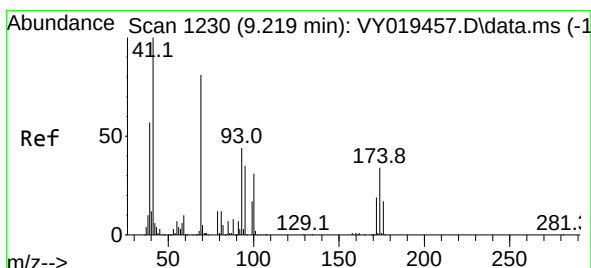
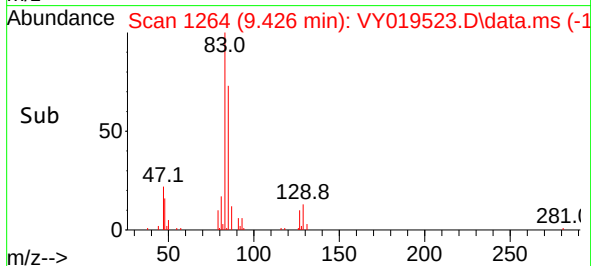
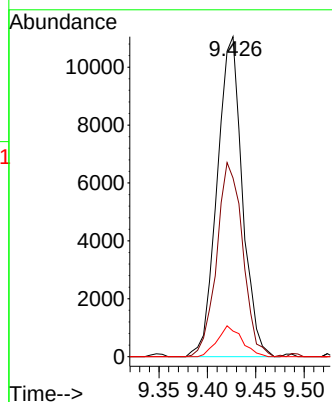
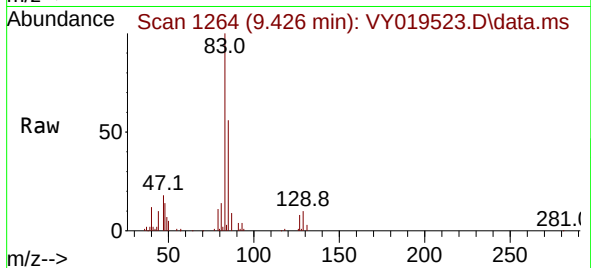
Tgt Ion: 83 Resp: 19995

Ion Ratio Lower Upper

83 100

85 55.8 50.1 75.1

127 8.0 7.4 11.0



#48

Methyl methacrylate

Concen: 2.535 ug/l

RT: 9.219 min Scan# 1230

Delta R.T. 0.000 min

Lab File: VY019523.D

Acq: 12 Sep 2024 12:42

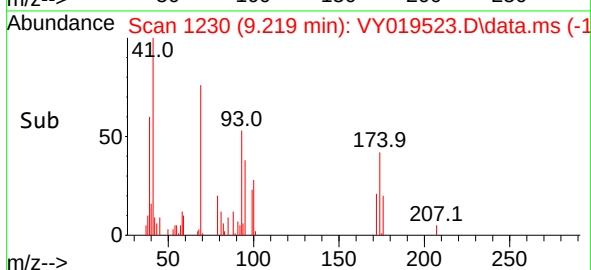
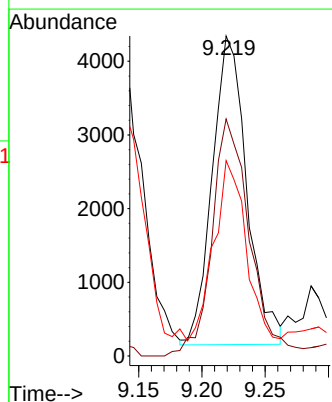
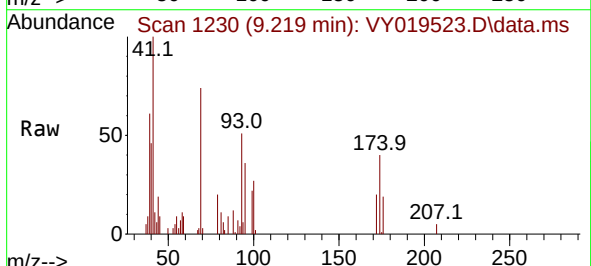
Tgt Ion: 41 Resp: 7944

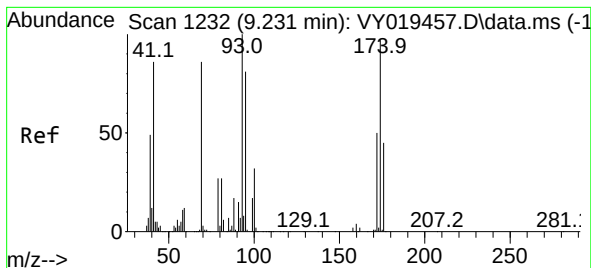
Ion Ratio Lower Upper

41 100

69 83.5 84.1 126.1#

39 59.5 43.6 65.4





#49

1,4-Dioxane

Concen: 61.410 ug/l

RT: 9.225 min Scan# 1

Delta R.T. -0.006 min

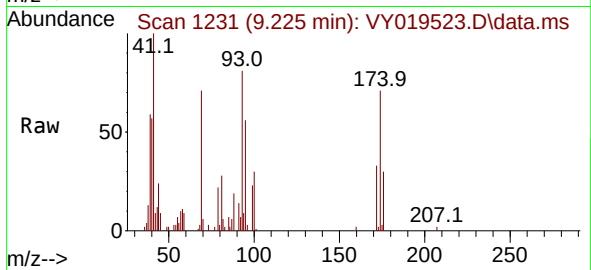
Lab File: VY019523.D

Acq: 12 Sep 2024 12:42

Instrument :

MSVOA_Y

ClientSampleId :



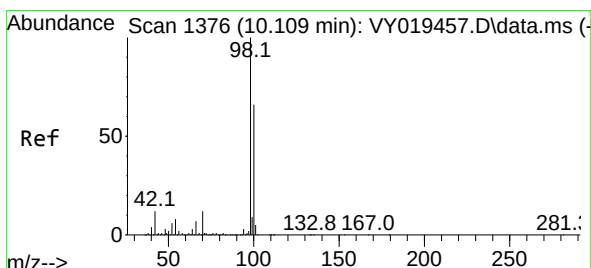
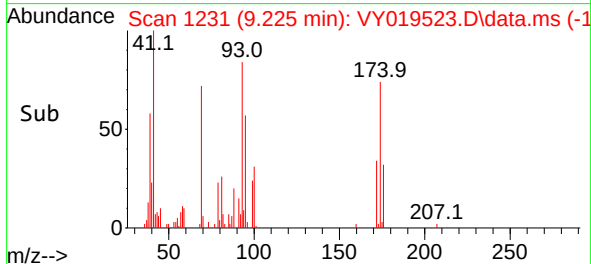
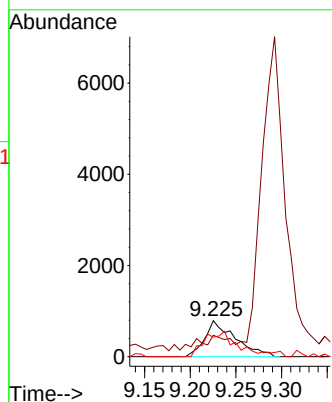
Tgt Ion: 88 Resp: 1835

Ion Ratio Lower Upper

88 100

43 44.4 0.0 0.0#

58 74.2 49.3 73.9#



#50

Toluene-d8

Concen: 50.805 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY019523.D

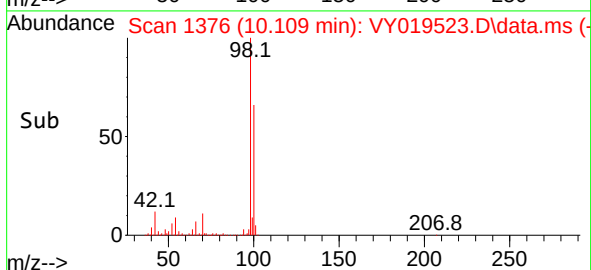
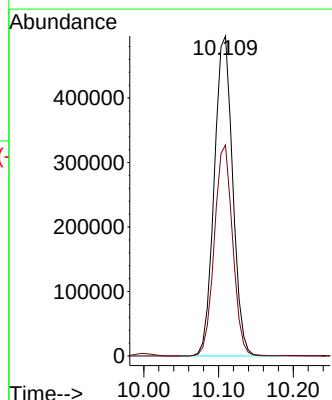
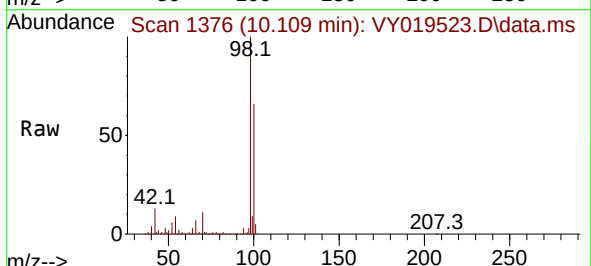
Acq: 12 Sep 2024 12:42

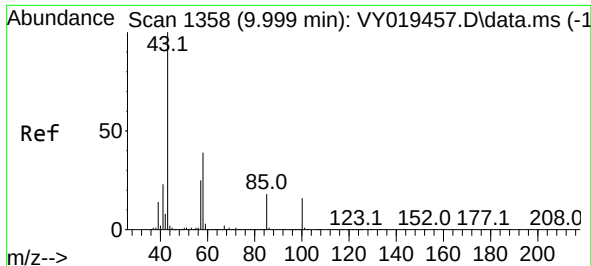
Tgt Ion: 98 Resp: 851286

Ion Ratio Lower Upper

98 100

100 65.3 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 13.465 ug/l

RT: 9.999 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019523.D

Acq: 12 Sep 2024 12:42

Instrument :

MSVOA_Y

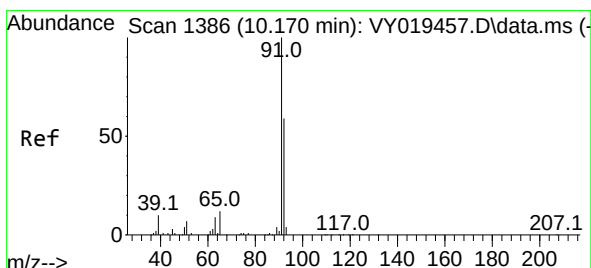
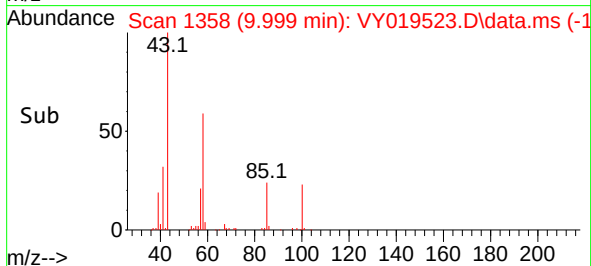
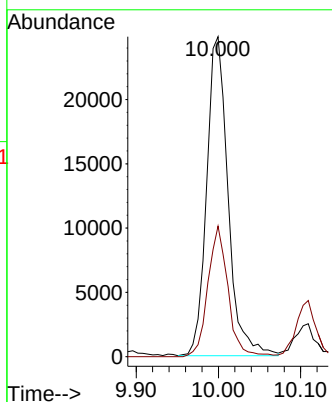
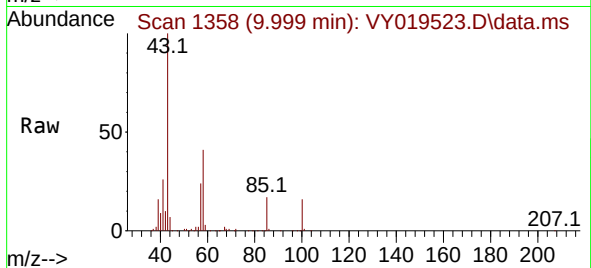
ClientSampleId :

Tgt Ion: 43 Resp: 44949

Ion Ratio Lower Upper

43 100

58 38.3 35.7 53.5



#52

Toluene

Concen: 2.619 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VY019523.D

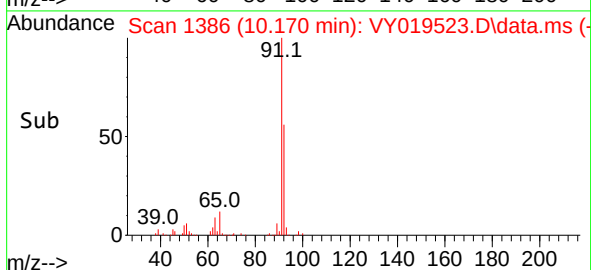
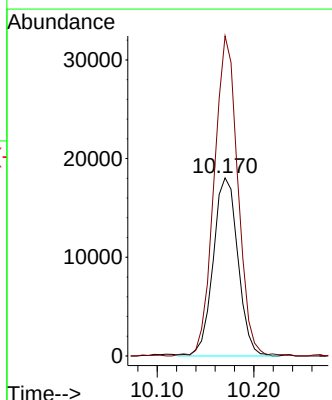
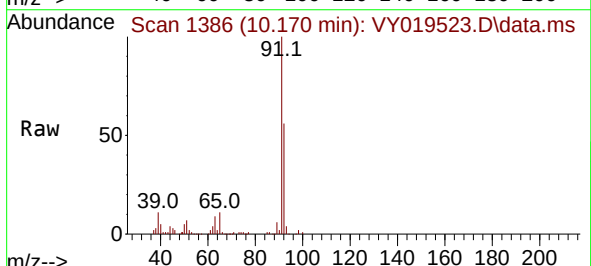
Acq: 12 Sep 2024 12:42

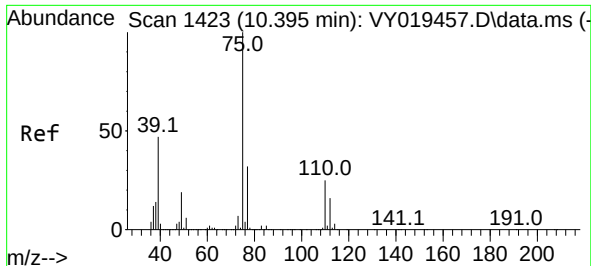
Tgt Ion: 92 Resp: 31979

Ion Ratio Lower Upper

92 100

91 172.8 139.0 208.6





#53

t-1,3-Dichloropropene

Concen: 2.508 ug/l

RT: 10.396 min Scan# 1423

Delta R.T. 0.000 min

Lab File: VY019523.D

Acq: 12 Sep 2024 12:42

Instrument :

MSVOA_Y

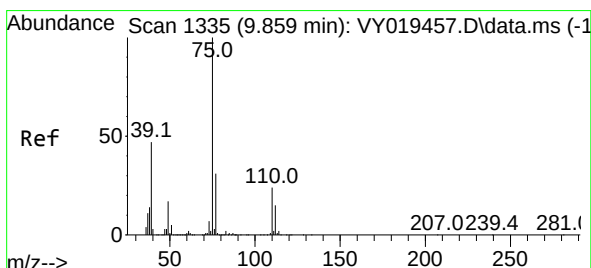
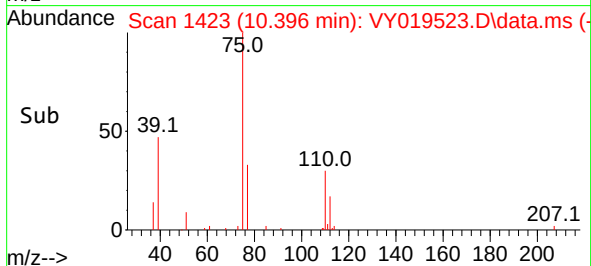
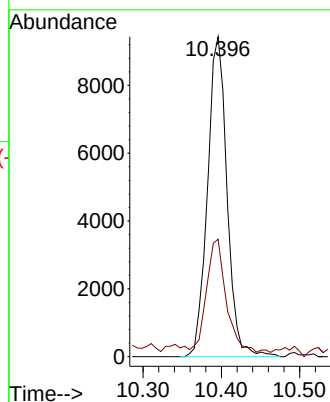
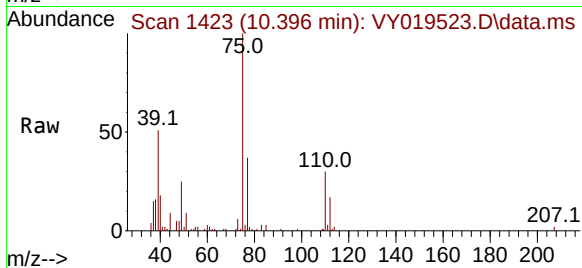
ClientSampleId :

Tgt Ion: 75 Resp: 16315

Ion Ratio Lower Upper

75 100

77 34.6 24.1 36.1



#54

cis-1,3-Dichloropropene

Concen: 2.555 ug/l

RT: 9.859 min Scan# 1335

Delta R.T. 0.000 min

Lab File: VY019523.D

Acq: 12 Sep 2024 12:42

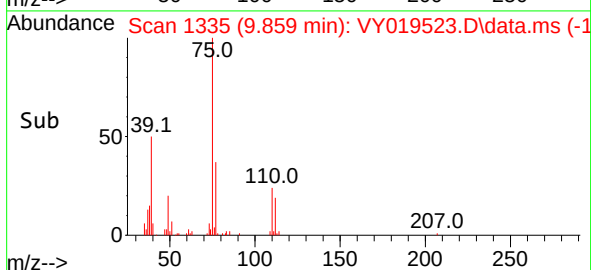
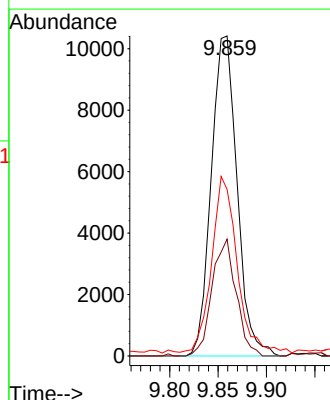
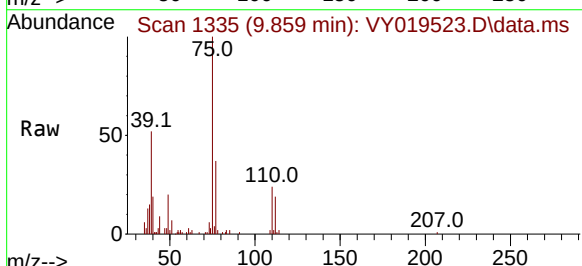
Tgt Ion: 75 Resp: 19352

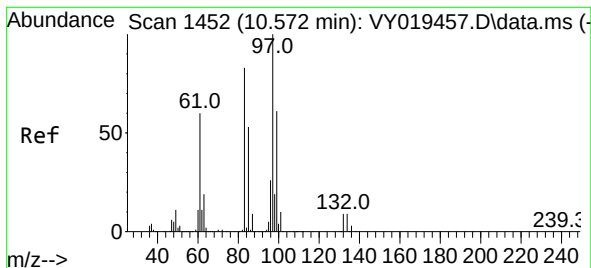
Ion Ratio Lower Upper

75 100

77 36.5 25.4 38.0

39 50.9 29.8 44.6#





#55

1,1,2-Trichloroethane

Concen: 2.903 ug/l

RT: 10.573 min Scan# 1452

Delta R.T. 0.000 min

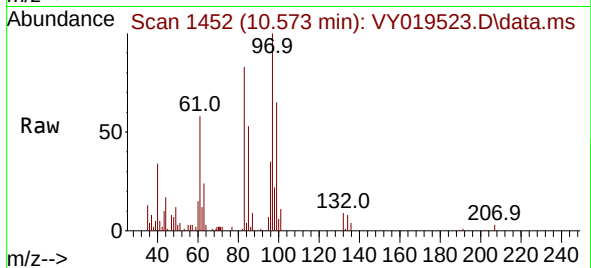
Lab File: VY019523.D

Acq: 12 Sep 2024 12:42

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 97 Resp: 10176

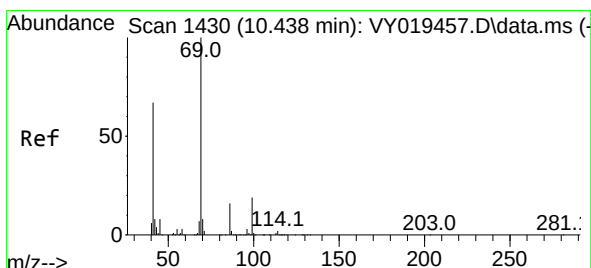
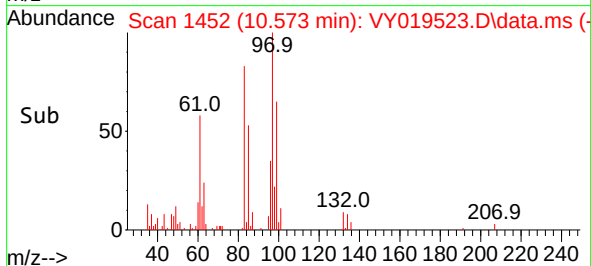
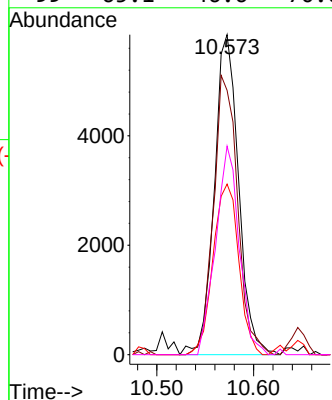
Ion Ratio Lower Upper

97 100

83 82.6 67.5 101.3

85 53.3 42.9 64.3

99 65.1 46.6 70.0



#56

Ethyl methacrylate

Concen: 2.534 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VY019523.D

Acq: 12 Sep 2024 12:42

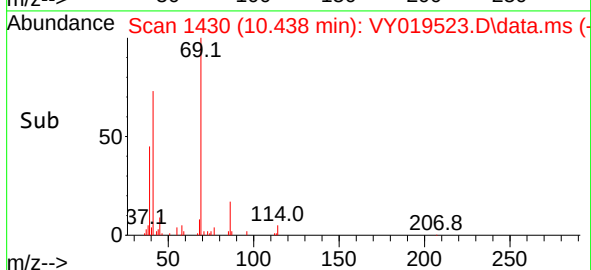
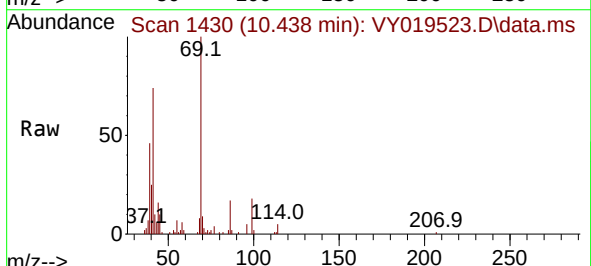
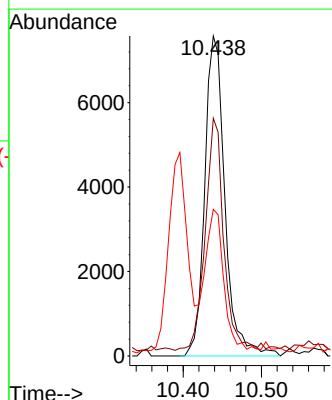
Tgt Ion: 69 Resp: 13495

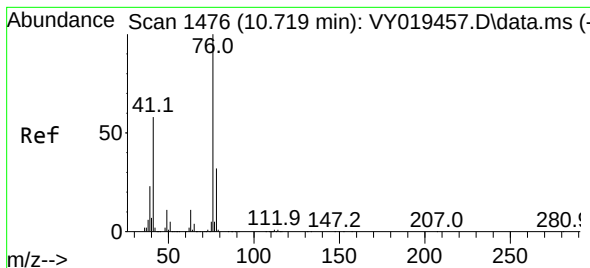
Ion Ratio Lower Upper

69 100

41 66.2 42.3 63.5#

39 43.7 22.9 34.3#





#57

1,3-Dichloropropane

Concen: 2.849 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY019523.D

Acq: 12 Sep 2024 12:42

Instrument :

MSVOA_Y

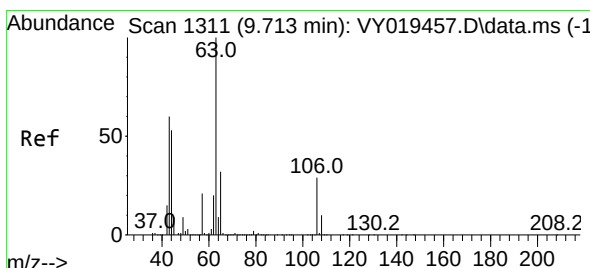
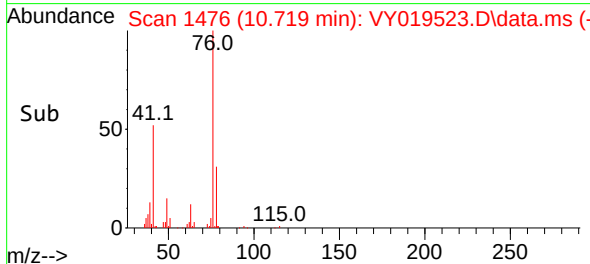
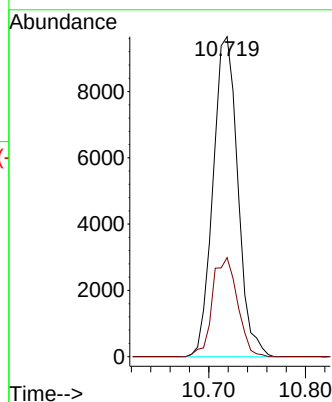
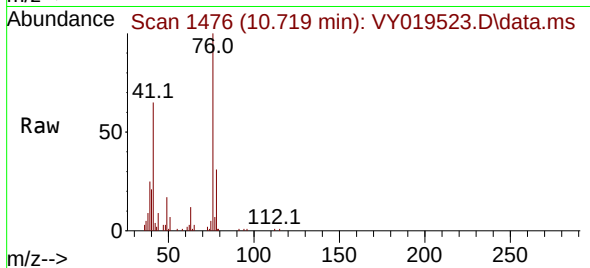
ClientSampleId :

Tgt Ion: 76 Resp: 17168

Ion Ratio Lower Upper

76 100

78 31.4 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 11.770 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY019523.D

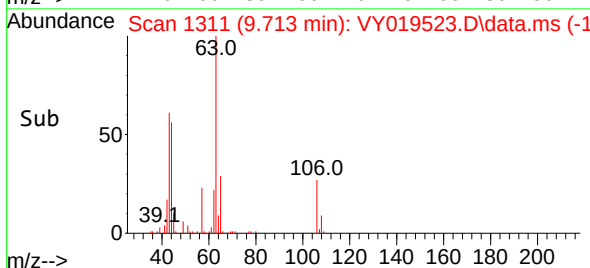
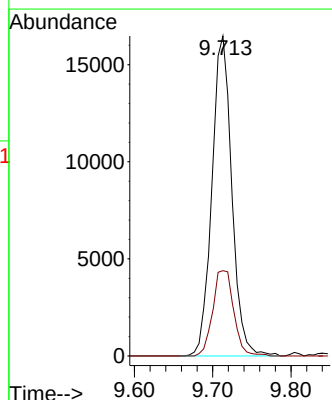
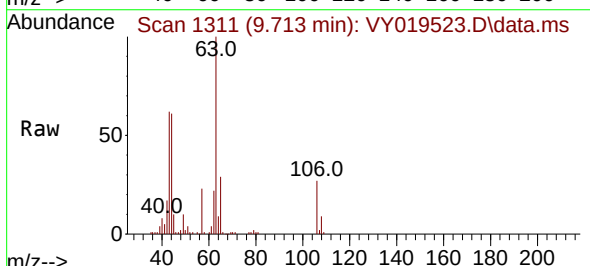
Acq: 12 Sep 2024 12:42

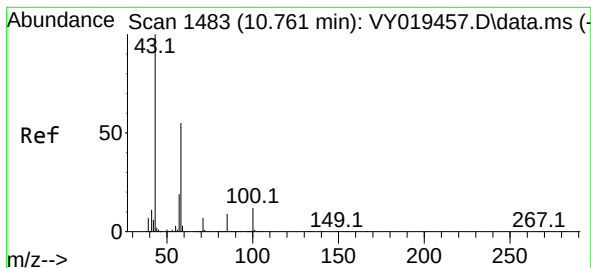
Tgt Ion: 63 Resp: 29089

Ion Ratio Lower Upper

63 100

106 28.2 23.7 35.5

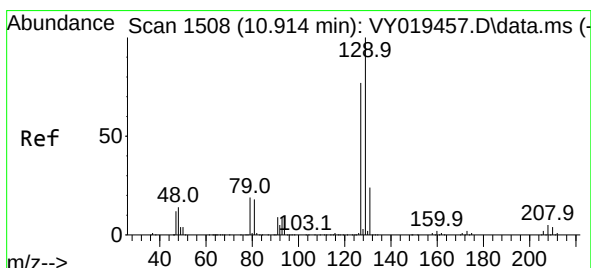
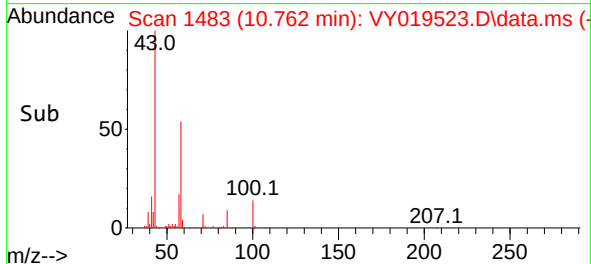
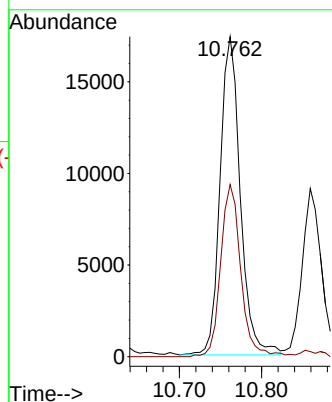
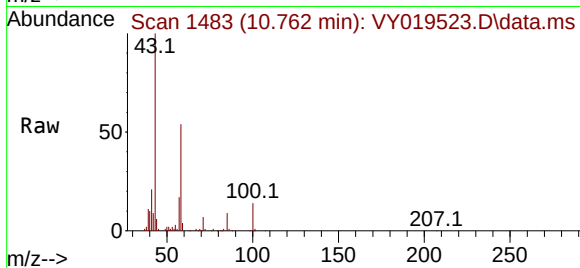




#59
2-Hexanone
Concen: 12.168 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY019523.D
Acq: 12 Sep 2024 12:42

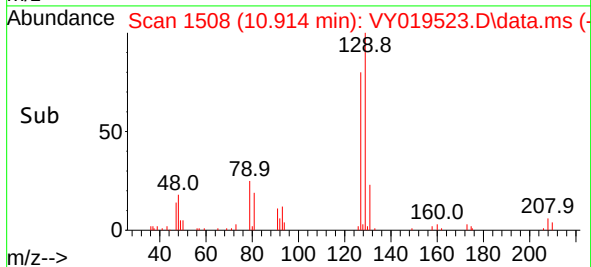
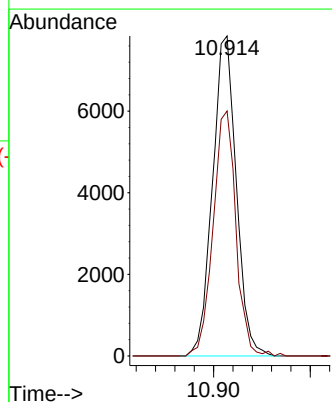
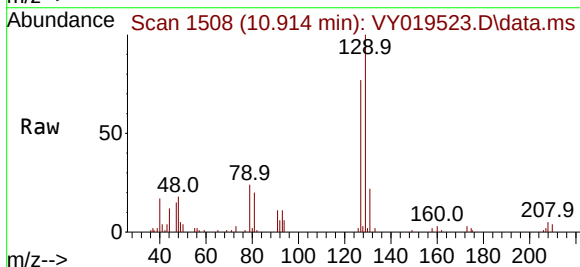
Instrument :
MSVOA_Y
ClientSampleId :

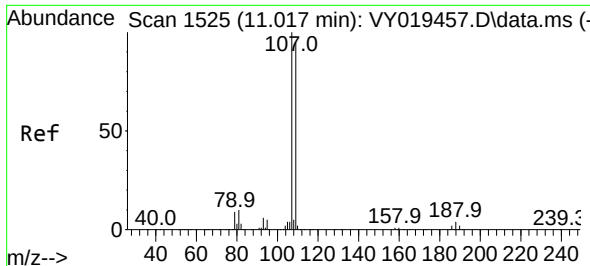
Tgt Ion: 43 Resp: 29779
Ion Ratio Lower Upper
43 100
58 53.9 31.4 94.0



#60
Dibromochloromethane
Concen: 2.886 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VY019523.D
Acq: 12 Sep 2024 12:42

Tgt Ion: 129 Resp: 13383
Ion Ratio Lower Upper
129 100
127 73.4 39.0 117.0

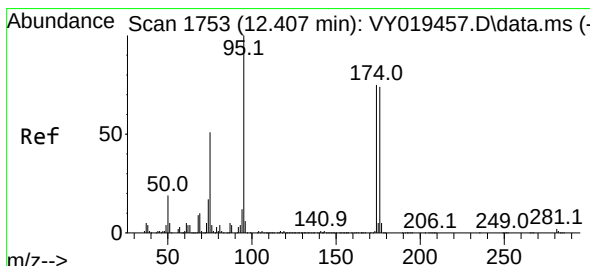
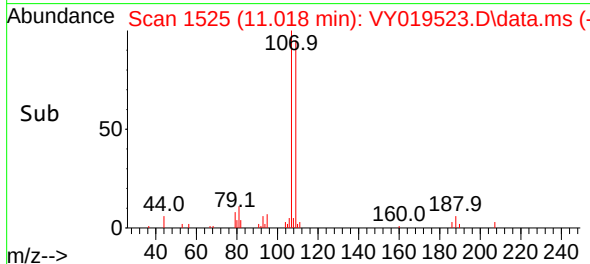
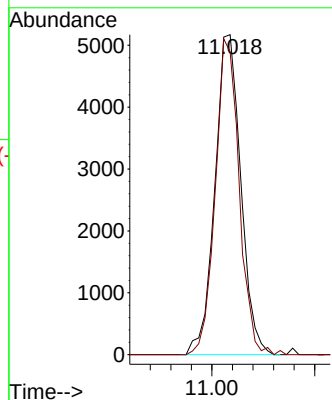
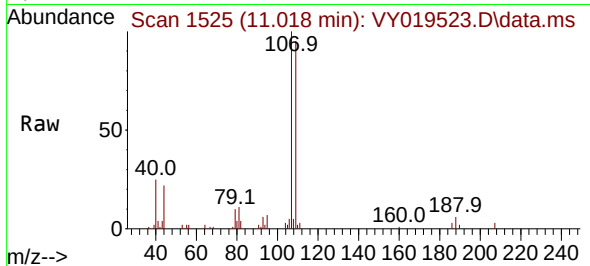




#61
1,2-Dibromoethane
Concen: 2.769 ug/l
RT: 11.018 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019523.D
Acq: 12 Sep 2024 12:42

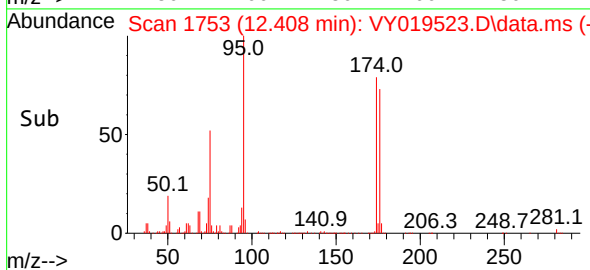
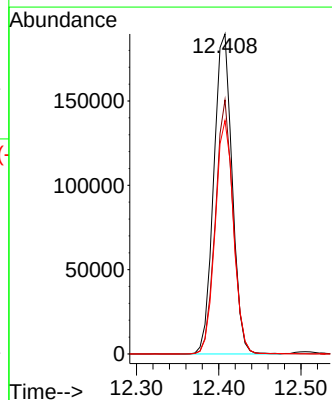
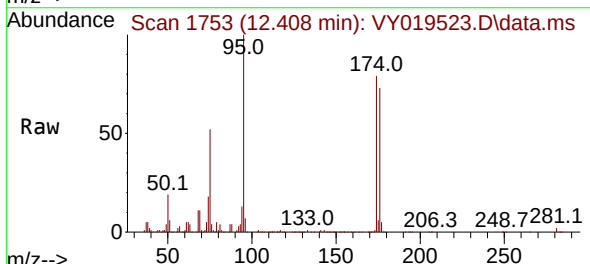
Instrument :
MSVOA_Y
ClientSampleId :

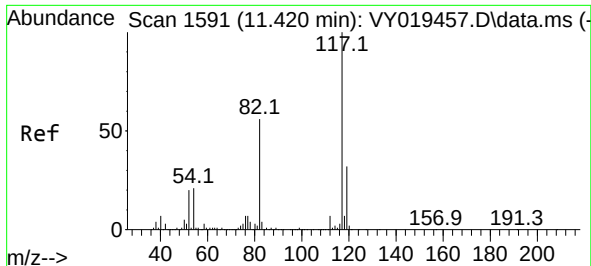
Tgt Ion:107 Resp: 9042
Ion Ratio Lower Upper
107 100
109 90.6 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 45.900 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY019523.D
Acq: 12 Sep 2024 12:42

Tgt Ion: 95 Resp: 295724
Ion Ratio Lower Upper
95 100
174 76.1 0.0 175.6
176 72.7 0.0 171.4

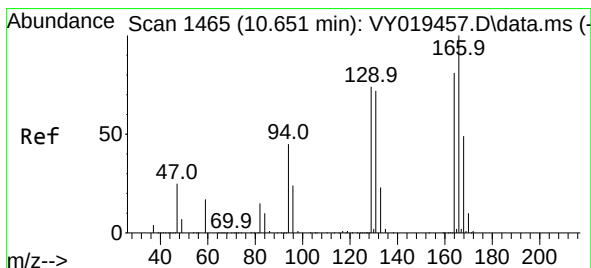
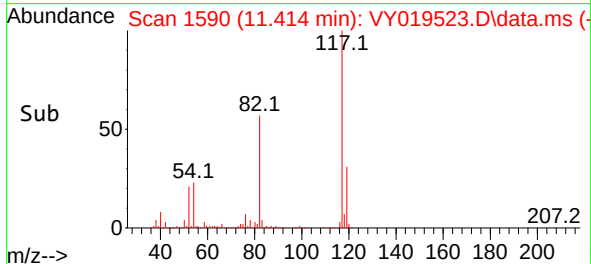
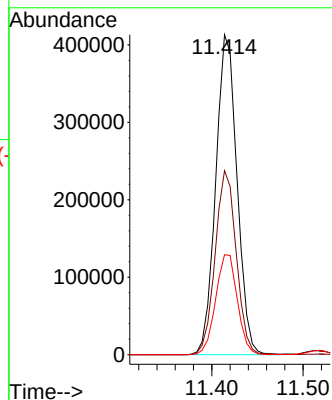
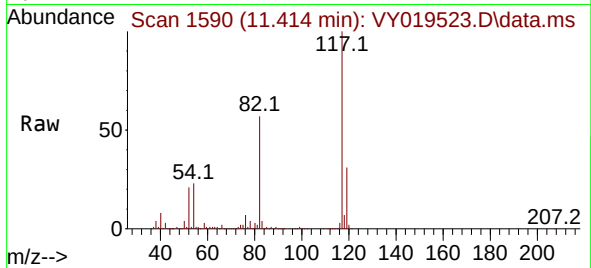




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019523.D
Acq: 12 Sep 2024 12:42

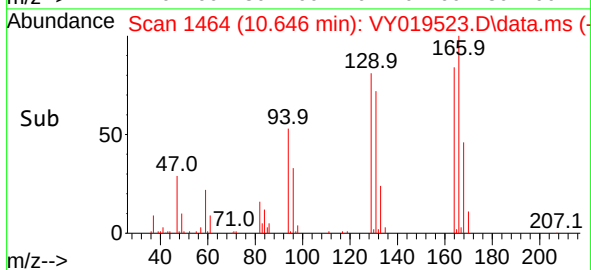
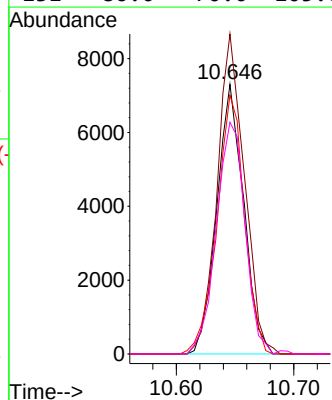
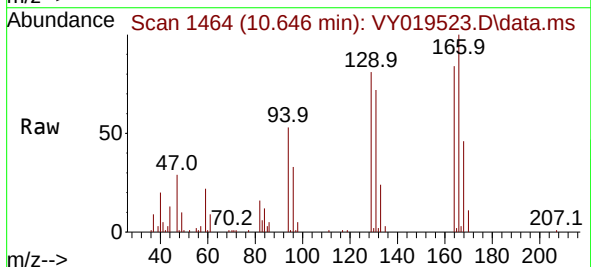
Instrument :
MSVOA_Y
ClientSampleId :

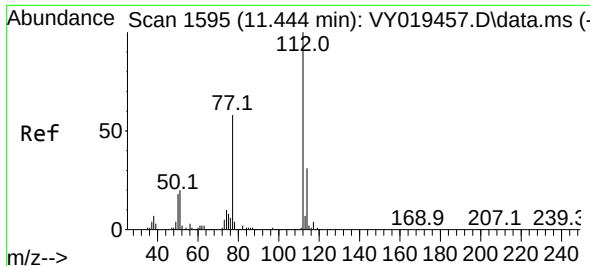
Tgt Ion:117 Resp: 669444
Ion Ratio Lower Upper
117 100
82 57.5 42.4 63.6
119 31.3 25.9 38.9



#64
Tetrachloroethene
Concen: 2.799 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VY019523.D
Acq: 12 Sep 2024 12:42

Tgt Ion:164 Resp: 11602
Ion Ratio Lower Upper
164 100
166 118.7 102.6 154.0
129 96.0 72.0 108.0
131 86.0 70.0 105.0

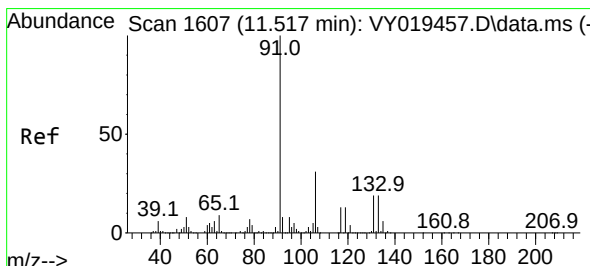
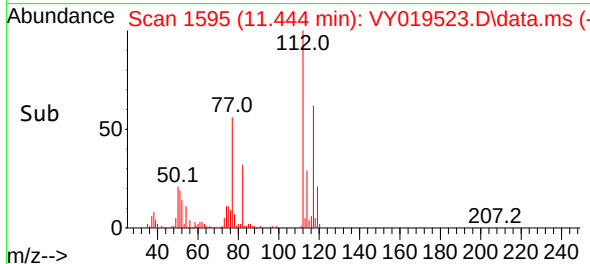
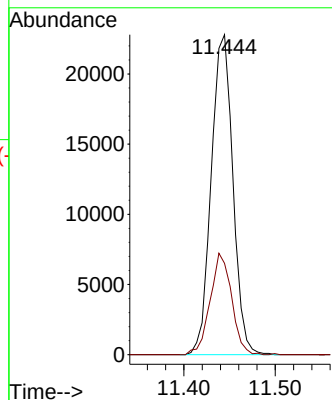
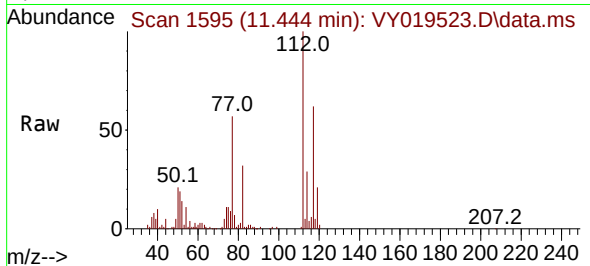




#65
Chlorobenzene
Concen: 2.845 ug/l
RT: 11.444 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019523.D
Acq: 12 Sep 2024 12:42

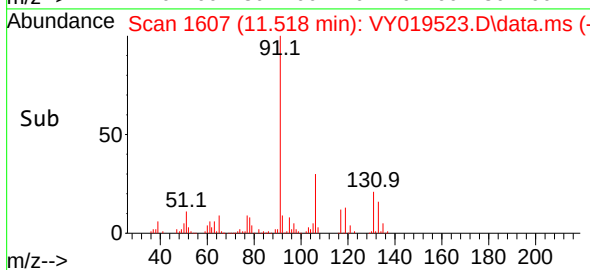
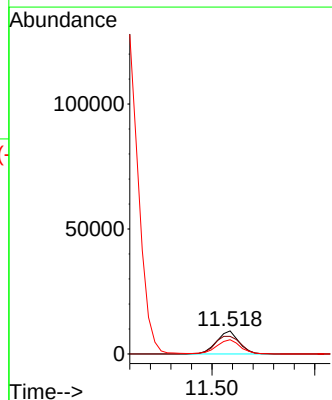
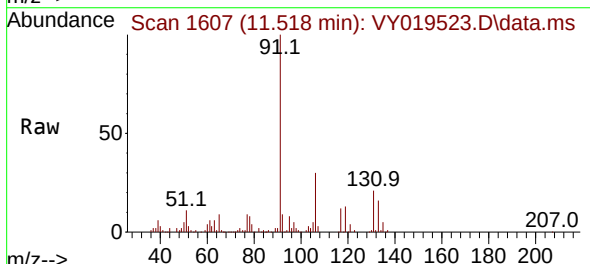
Instrument :
MSVOA_Y
ClientSampleId :

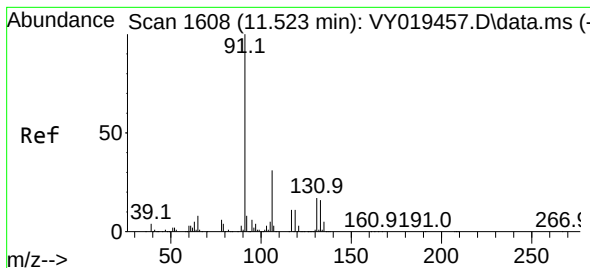
Tgt Ion:112 Resp: 37464
Ion Ratio Lower Upper
112 100
114 28.5 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 3.038 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY019523.D
Acq: 12 Sep 2024 12:42

Tgt Ion:131 Resp: 13849
Ion Ratio Lower Upper
131 100
133 90.1 47.8 143.3
119 65.3 34.1 102.2





#67

Ethyl Benzene

Concen: 2.807 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. -0.006 min

Lab File: VY019523.D

Acq: 12 Sep 2024 12:42

Instrument :

MSVOA_Y

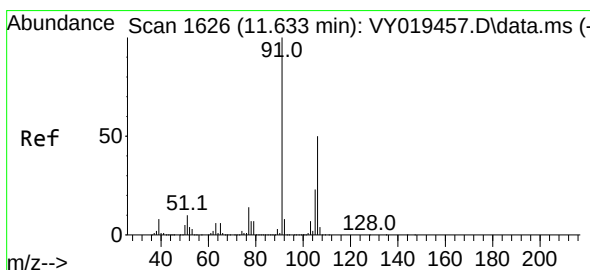
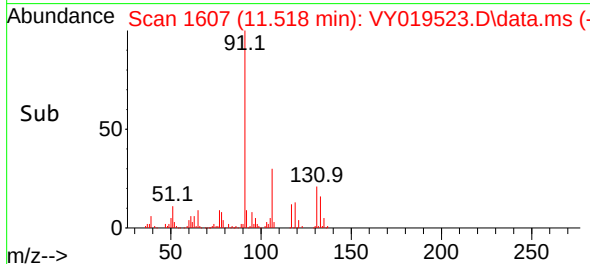
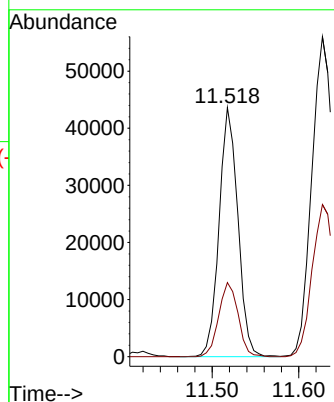
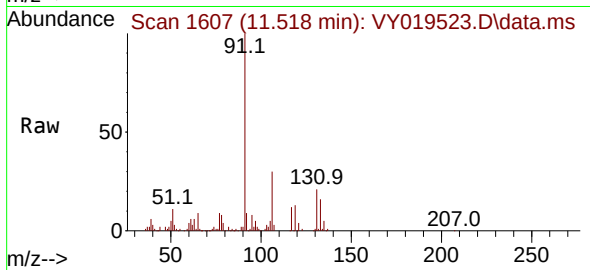
ClientSampleId :

Tgt Ion: 91 Resp: 65686

Ion Ratio Lower Upper

91 100

106 29.7 24.5 36.7



#68

m/p-Xylenes

Concen: 5.442 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY019523.D

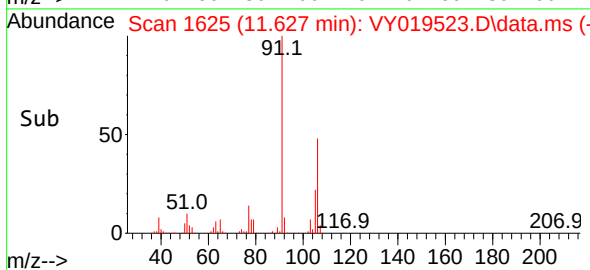
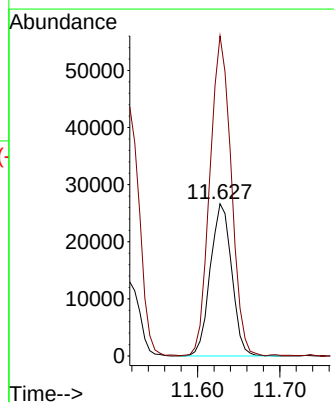
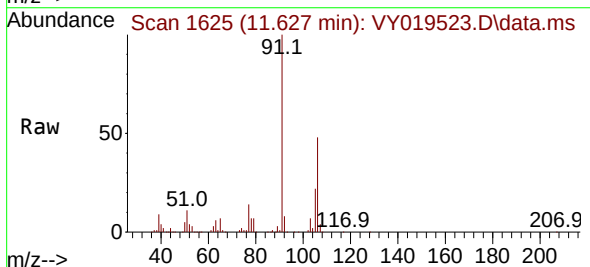
Acq: 12 Sep 2024 12:42

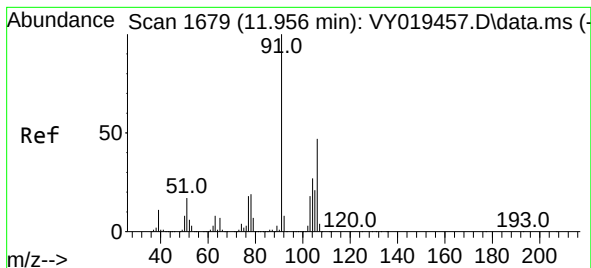
Tgt Ion: 106 Resp: 48145

Ion Ratio Lower Upper

106 100

91 210.5 156.0 234.0





#69

o-Xylene

Concen: 2.760 ug/l

RT: 11.956 min Scan# 1679

Delta R.T. 0.000 min

Lab File: VY019523.D

Acq: 12 Sep 2024 12:42

Instrument :

MSVOA_Y

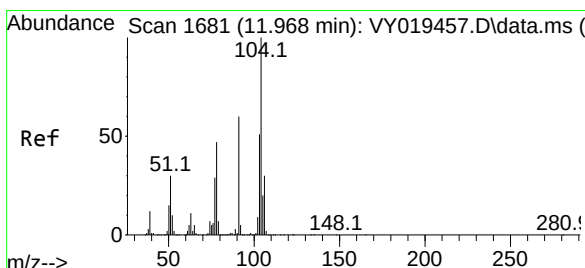
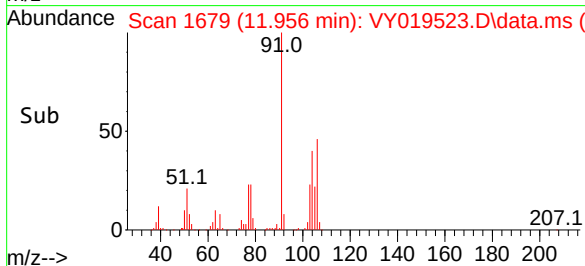
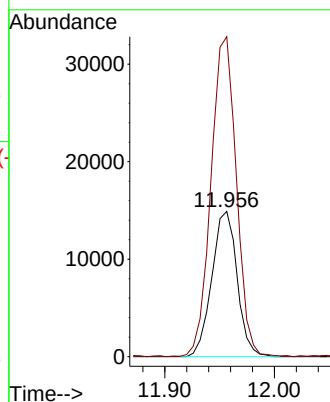
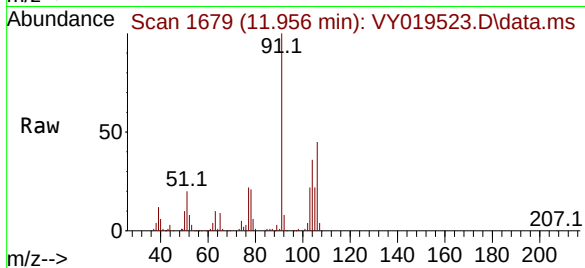
ClientSampleId :

Tgt Ion:106 Resp: 23878

Ion Ratio Lower Upper

106 100

91 221.4 103.6 310.8



#70

Styrene

Concen: 2.818 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. 0.000 min

Lab File: VY019523.D

Acq: 12 Sep 2024 12:42

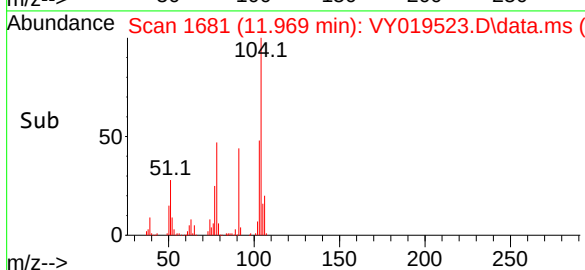
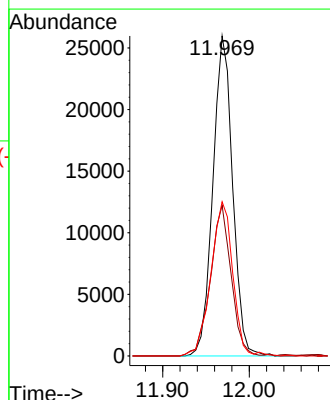
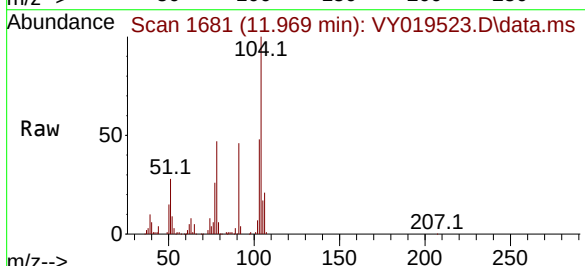
Tgt Ion:104 Resp: 41163

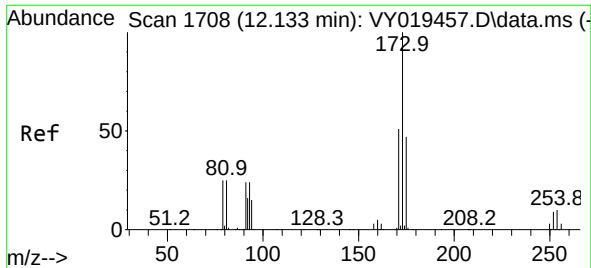
Ion Ratio Lower Upper

104 100

78 49.4 37.0 55.4

103 53.5 44.2 66.2

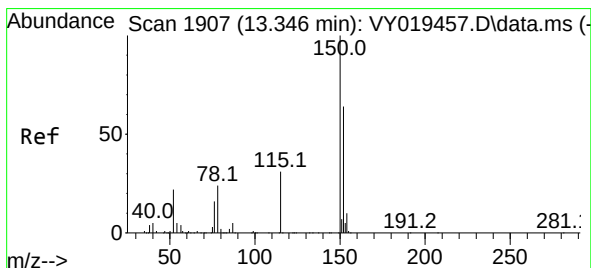
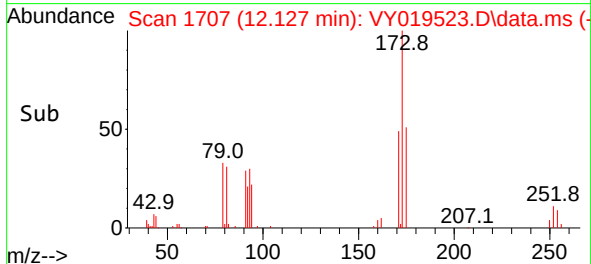
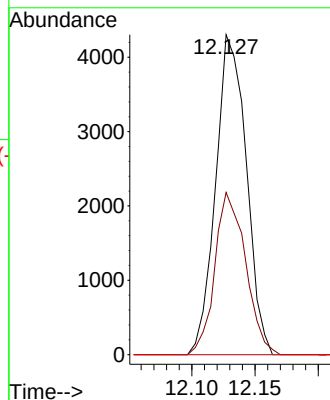
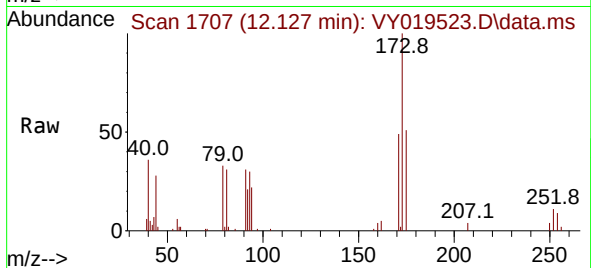




#71
Bromoform
Concen: 2.780 ug/l
RT: 12.127 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019523.D
Acq: 12 Sep 2024 12:42

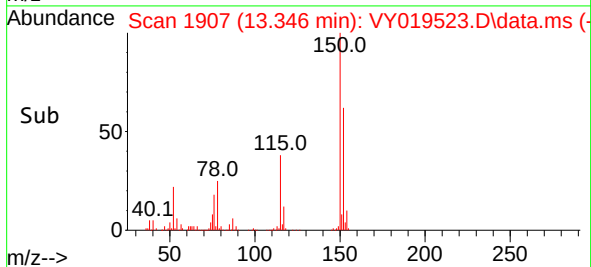
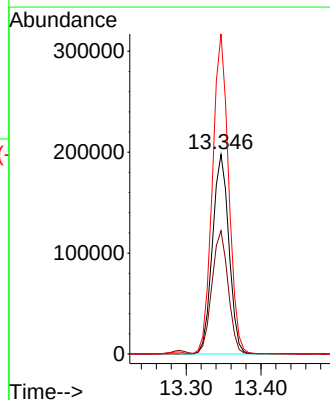
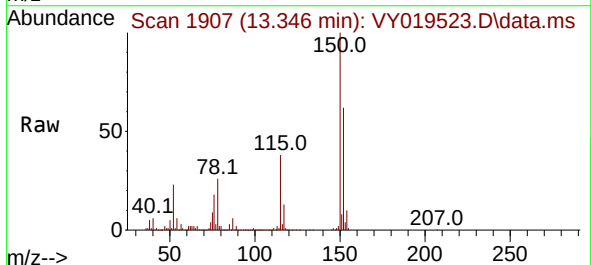
Instrument :
MSVOA_Y
ClientSampleId :

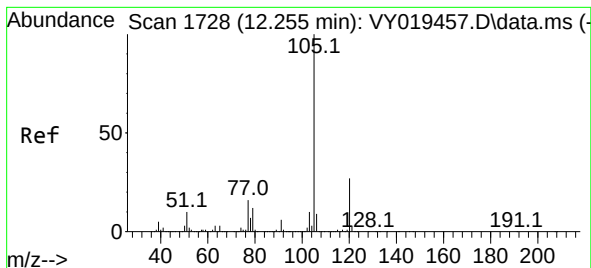
Tgt Ion:173 Resp: 7240
Ion Ratio Lower Upper
173 100
175 50.9 25.1 75.3
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY019523.D
Acq: 12 Sep 2024 12:42

Tgt Ion:152 Resp: 302481
Ion Ratio Lower Upper
152 100
115 60.9 28.2 84.7
150 157.2 0.0 345.6





#73

Isopropylbenzene

Concen: 2.946 ug/l

RT: 12.255 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019523.D

Acq: 12 Sep 2024 12:42

Instrument :

MSVOA_Y

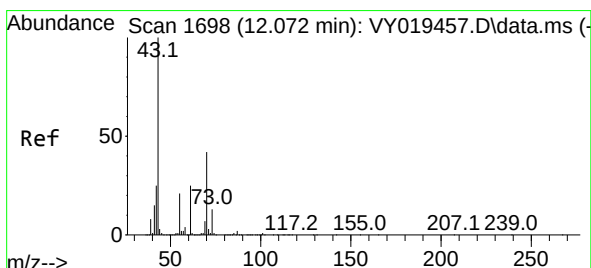
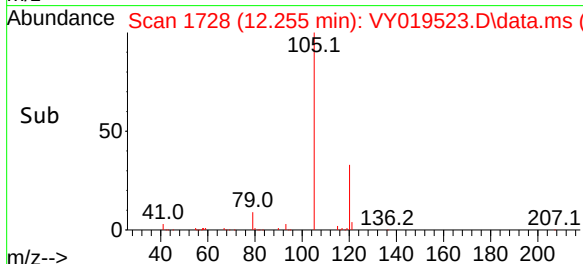
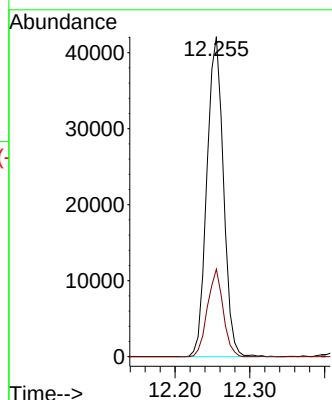
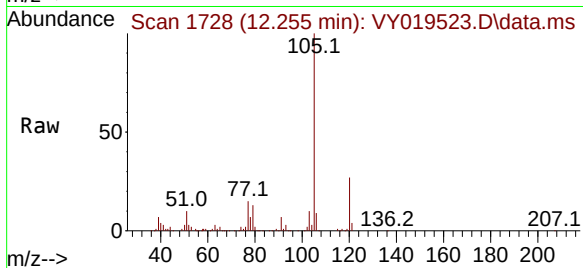
ClientSampleId :

Tgt Ion:105 Resp: 64641

Ion Ratio Lower Upper

105 100

120 25.9 13.4 40.1



#74

N-ethyl acetate

Concen: 2.717 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VY019523.D

Acq: 12 Sep 2024 12:42

Tgt Ion: 43 Resp: 16214

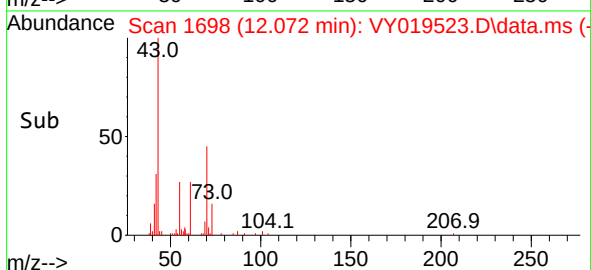
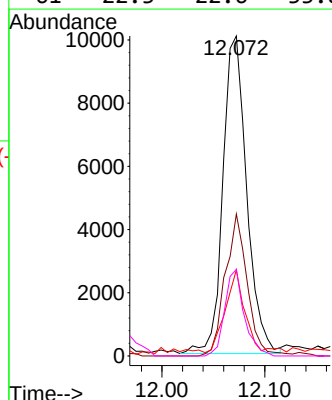
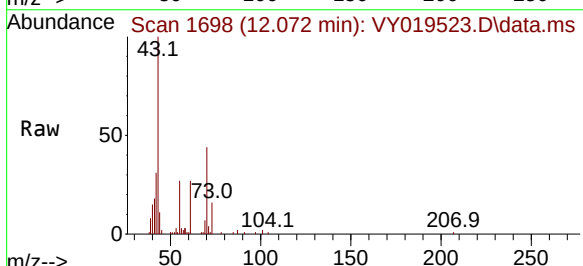
Ion Ratio Lower Upper

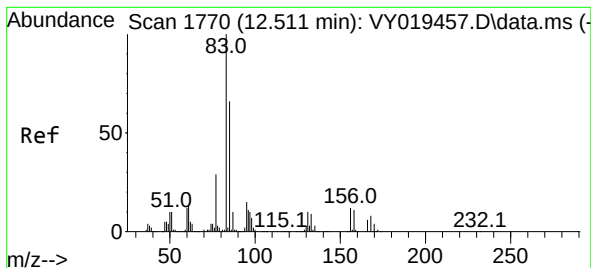
43 100

70 41.3 41.4 62.2#

55 21.3 23.3 34.9#

61 22.3 22.6 33.8#





#75

1,1,2,2-Tetrachloroethane

Concen: 3.019 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. -0.006 min

Lab File: VY019523.D

Acq: 12 Sep 2024 12:42

Instrument :

MSVOA_Y

ClientSampleId :

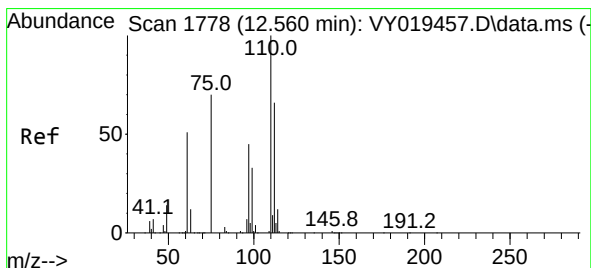
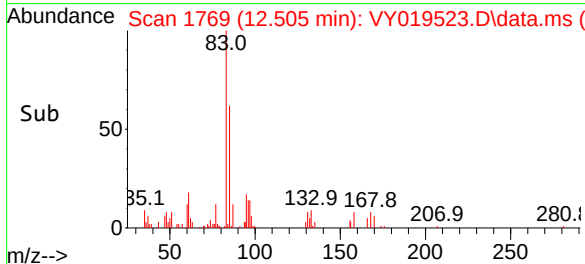
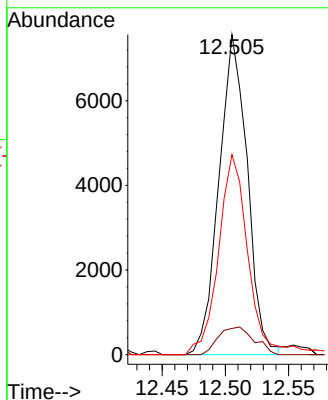
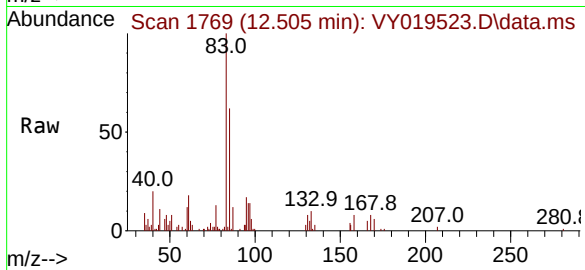
Tgt Ion: 83 Resp: 11759

Ion Ratio Lower Upper

83 100

131 10.9 5.0 14.9

85 66.0 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 5.132 ug/l

RT: 12.554 min Scan# 1777

Delta R.T. -0.006 min

Lab File: VY019523.D

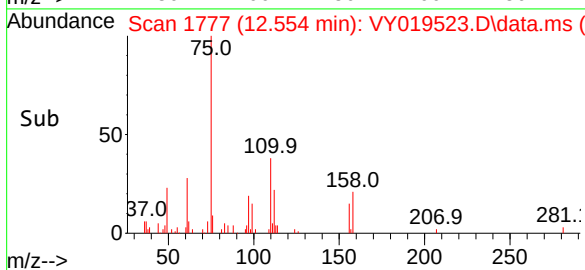
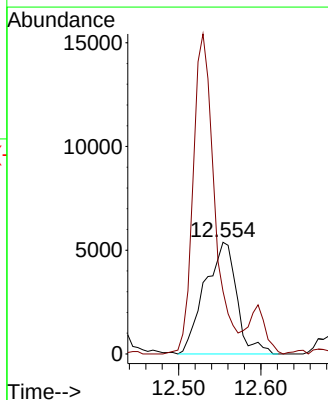
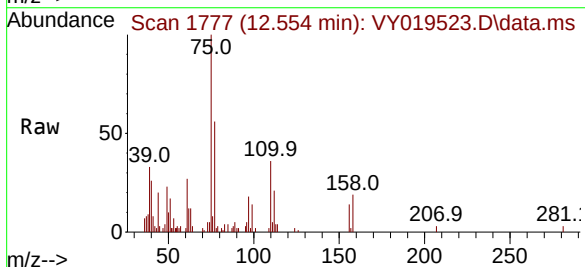
Acq: 12 Sep 2024 12:42

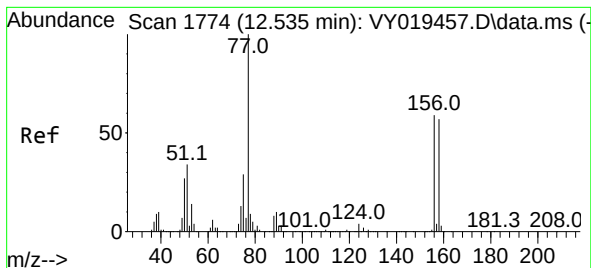
Tgt Ion: 75 Resp: 14550

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 2.821 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. -0.006 min

Lab File: VY019523.D

Acq: 12 Sep 2024 12:42

Instrument :

MSVOA_Y

ClientSampleId :

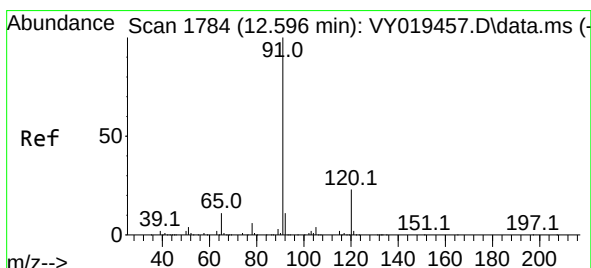
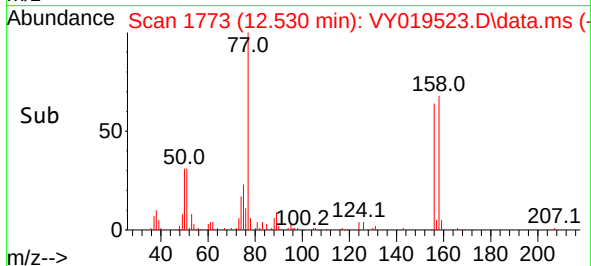
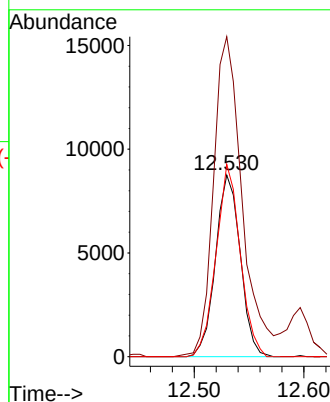
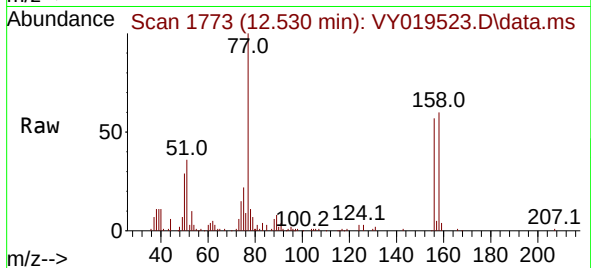
Tgt Ion:156 Resp: 13730

Ion Ratio Lower Upper

156 100

77 202.9 87.1 261.3

158 103.6 48.6 145.9



#78

n-propylbenzene

Concen: 3.015 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY019523.D

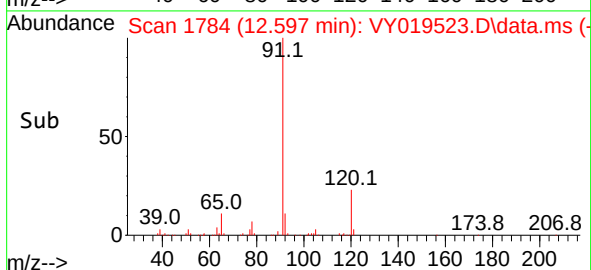
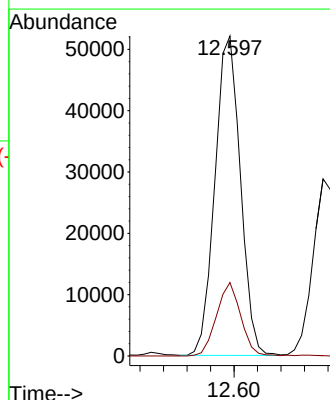
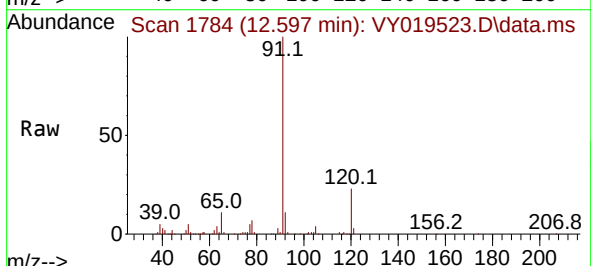
Acq: 12 Sep 2024 12:42

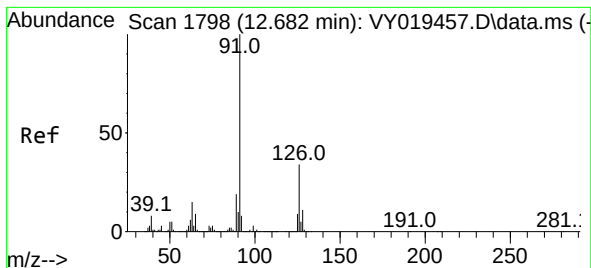
Tgt Ion: 91 Resp: 78422

Ion Ratio Lower Upper

91 100

120 21.9 11.5 34.4

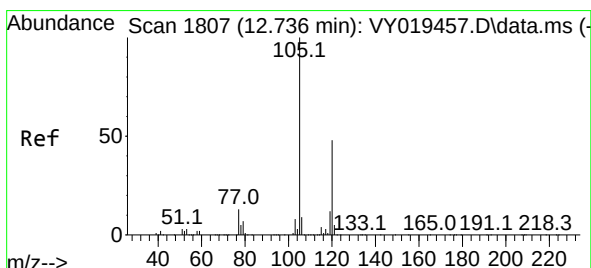
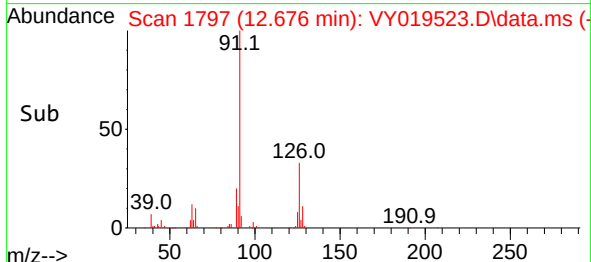
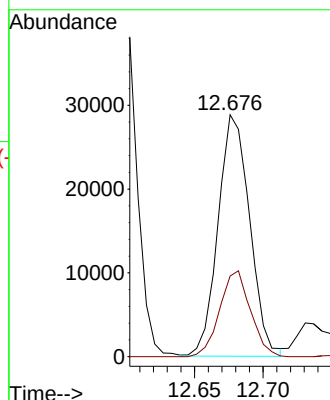
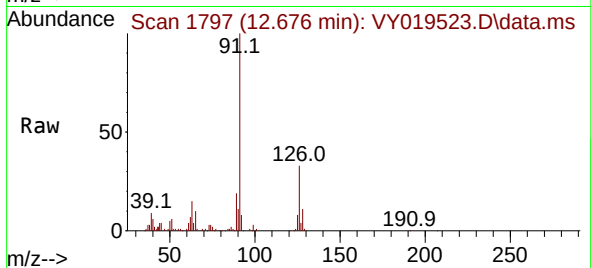




#79
2-Chlorotoluene
Concen: 3.055 ug/l
RT: 12.676 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019523.D
Acq: 12 Sep 2024 12:42

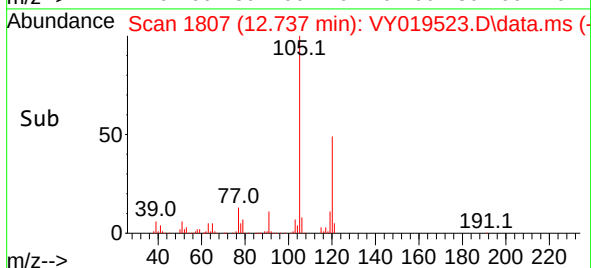
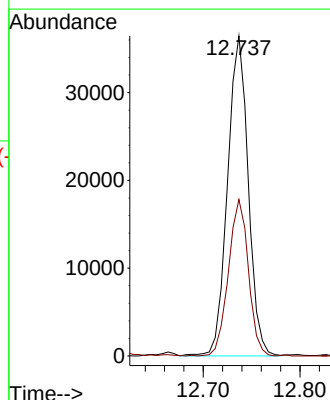
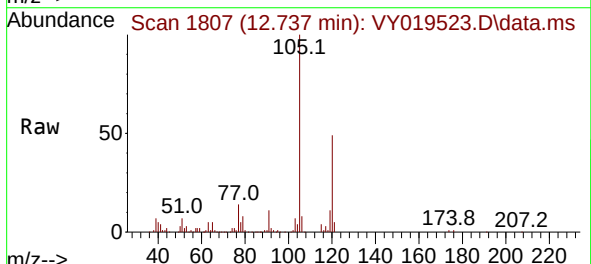
Instrument :
MSVOA_Y
ClientSampleId :

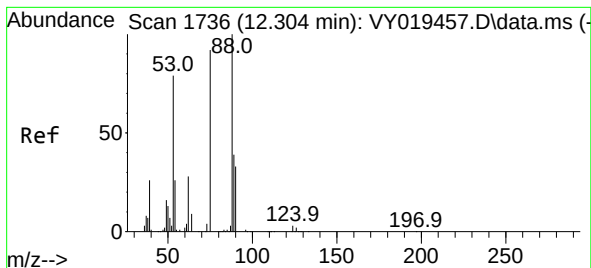
Tgt Ion: 91 Resp: 46308
Ion Ratio Lower Upper
91 100
126 34.5 17.8 53.5



#80
1,3,5-Trimethylbenzene
Concen: 3.037 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY019523.D
Acq: 12 Sep 2024 12:42

Tgt Ion: 105 Resp: 54175
Ion Ratio Lower Upper
105 100
120 47.3 25.1 75.2

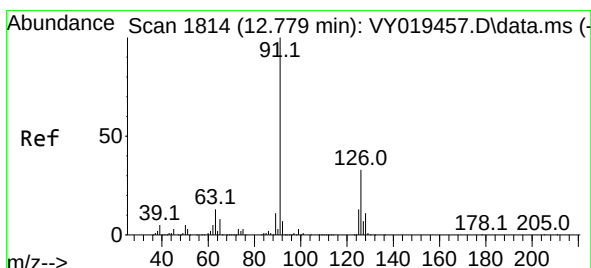
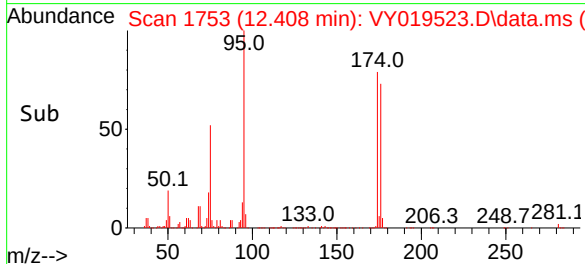
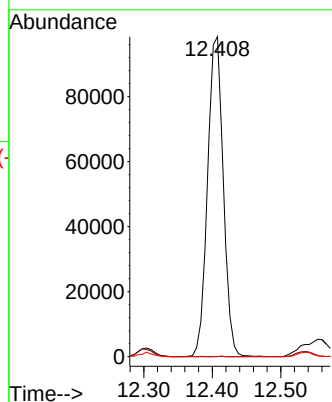
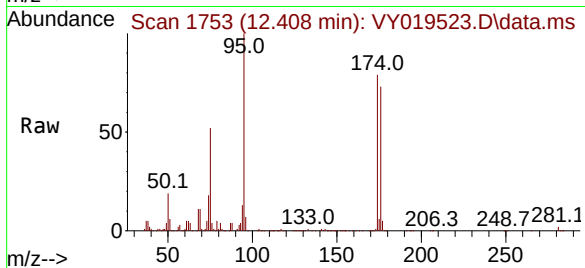




#81
trans-1,4-Dichloro-2-butene
Concen: 106.676 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.104 min
Lab File: VY019523.D
Acq: 12 Sep 2024 12:42

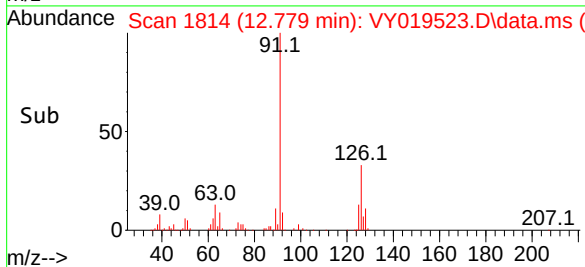
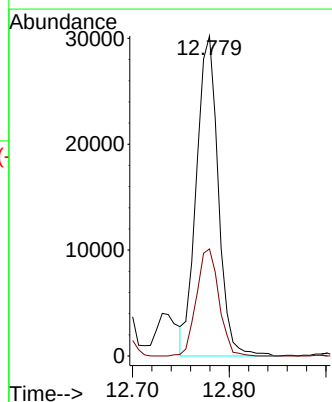
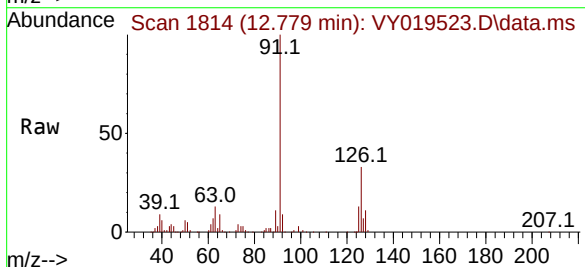
Instrument :
MSVOA_Y
ClientSampleId :

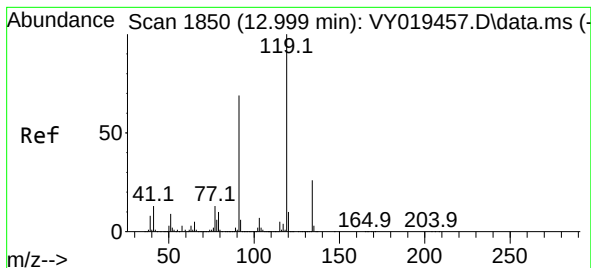
Tgt Ion: 75 Resp: 157545
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#



#82
4-Chlorotoluene
Concen: 3.039 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY019523.D
Acq: 12 Sep 2024 12:42

Tgt Ion: 91 Resp: 47363
Ion Ratio Lower Upper
91 100
126 34.4 17.6 52.9





#83

tert-Butylbenzene

Concen: 3.065 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.000 min

Lab File: VY019523.D

Acq: 12 Sep 2024 12:42

Instrument :

MSVOA_Y

ClientSampleId :

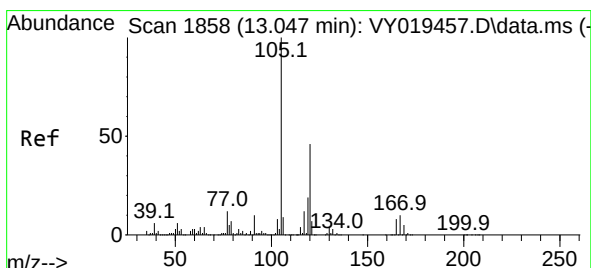
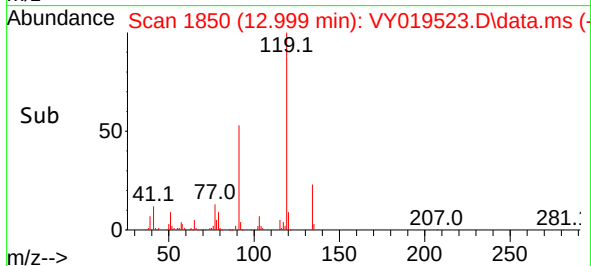
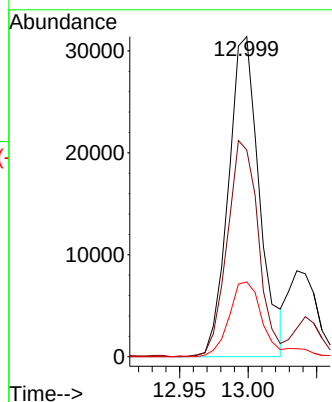
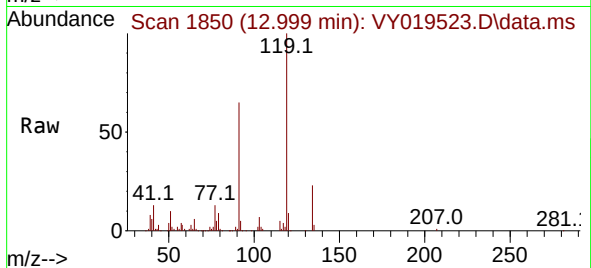
Tgt Ion:119 Resp: 49500

Ion Ratio Lower Upper

119 100

91 67.6 31.3 93.8

134 26.3 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 2.961 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. -0.006 min

Lab File: VY019523.D

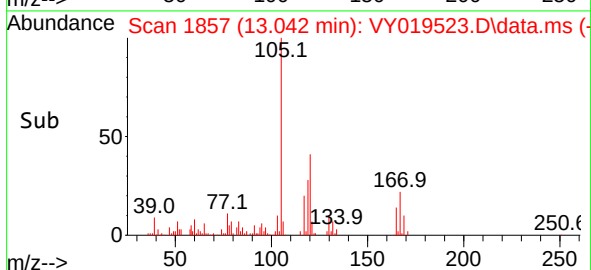
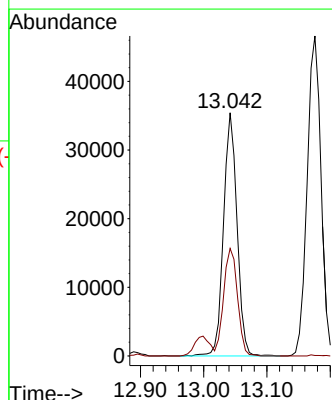
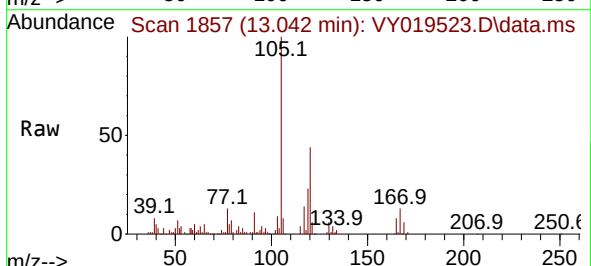
Acq: 12 Sep 2024 12:42

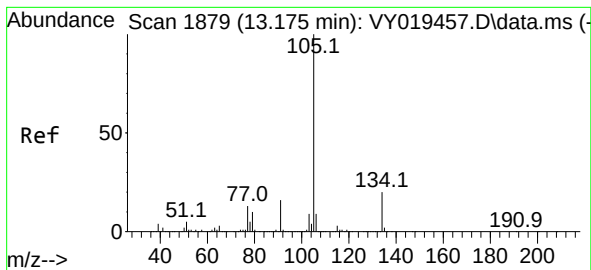
Tgt Ion:105 Resp: 52285

Ion Ratio Lower Upper

105 100

120 45.2 23.2 69.6





#85

sec-Butylbenzene

Concen: 3.007 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY019523.D

Acq: 12 Sep 2024 12:42

Instrument :

MSVOA_Y

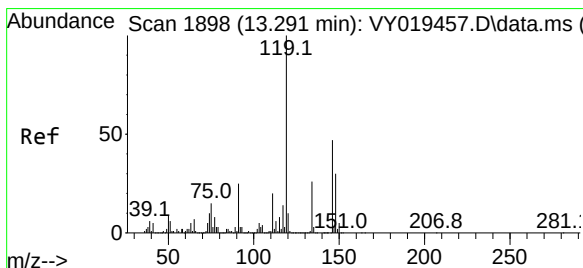
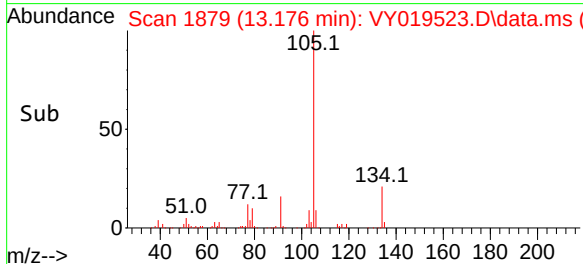
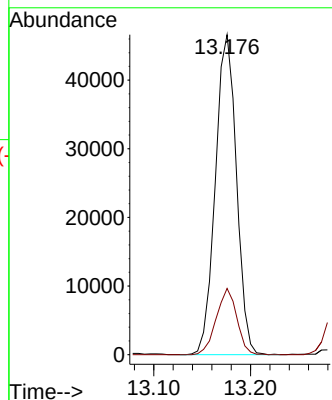
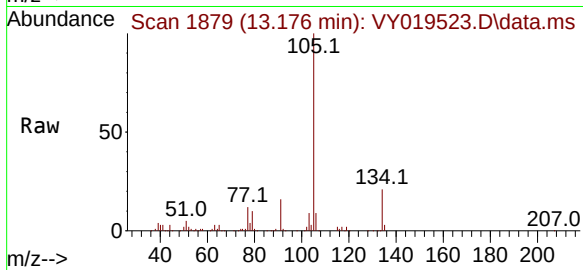
ClientSampleId :

Tgt Ion:105 Resp: 70538

Ion Ratio Lower Upper

105 100

134 20.1 10.1 30.1



#86

p-Isopropyltoluene

Concen: 2.969 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY019523.D

Acq: 12 Sep 2024 12:42

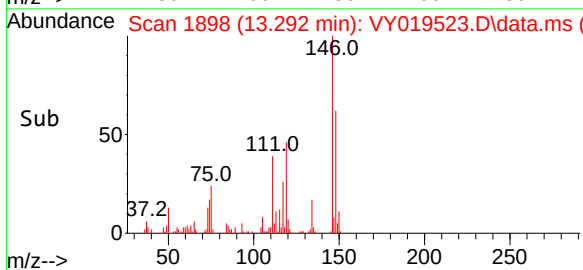
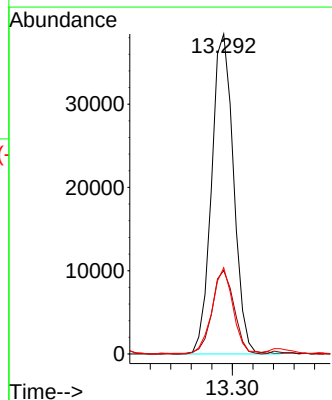
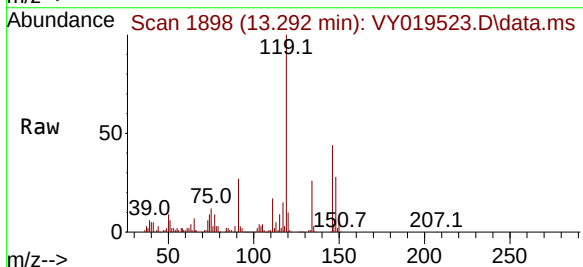
Tgt Ion:119 Resp: 56988

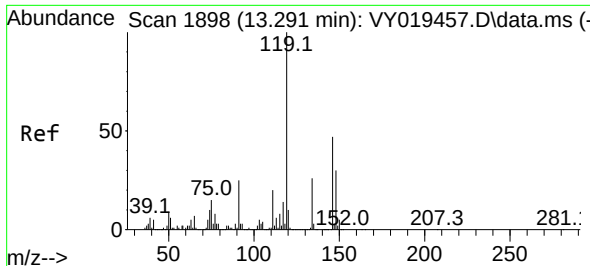
Ion Ratio Lower Upper

119 100

134 26.1 13.1 39.3

91 25.4 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 3.103 ug/l

RT: 13.285 min Scan# 1897

Delta R.T. -0.006 min

Lab File: VY019523.D

Acq: 12 Sep 2024 12:42

Instrument :

MSVOA_Y

ClientSampleId :

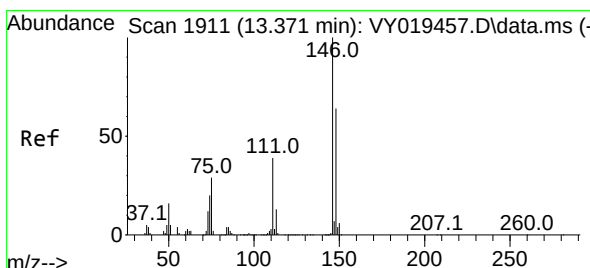
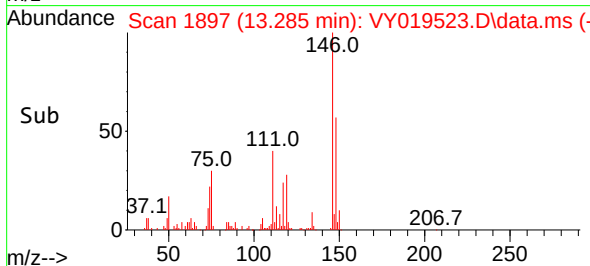
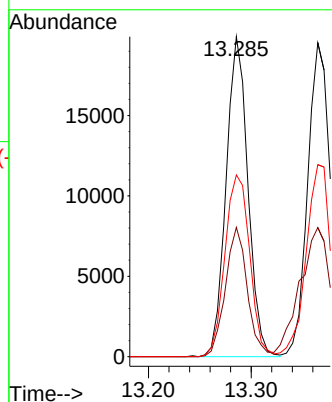
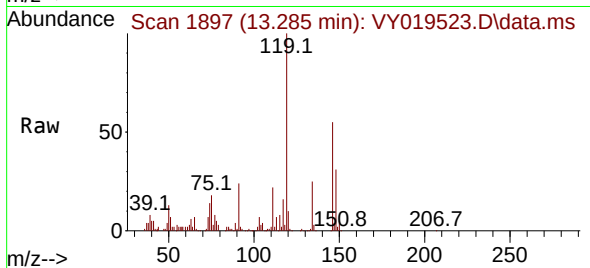
Tgt Ion:146 Resp: 29342

Ion Ratio Lower Upper

146 100

111 40.8 19.0 57.0

148 64.5 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 3.224 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.006 min

Lab File: VY019523.D

Acq: 12 Sep 2024 12:42

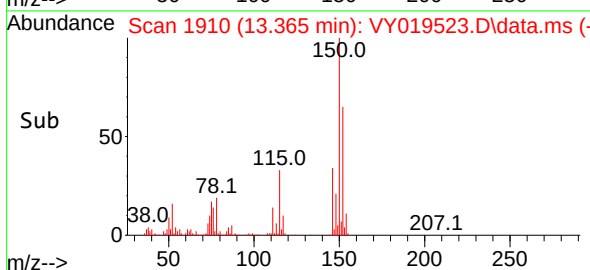
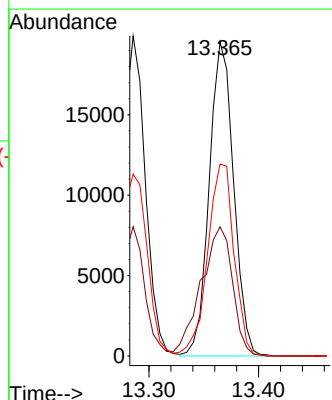
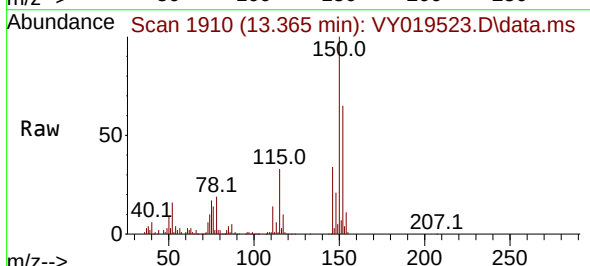
Tgt Ion:146 Resp: 30254

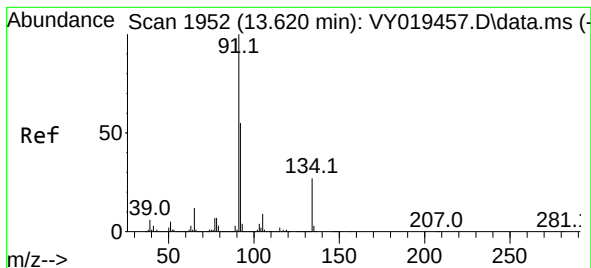
Ion Ratio Lower Upper

146 100

111 52.8 18.4 55.4

148 66.4 32.4 97.2





#89

n-Butylbenzene

Concen: 2.974 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. -0.006 min

Lab File: VY019523.D

Acq: 12 Sep 2024 12:42

Instrument :

MSVOA_Y

ClientSampleId :

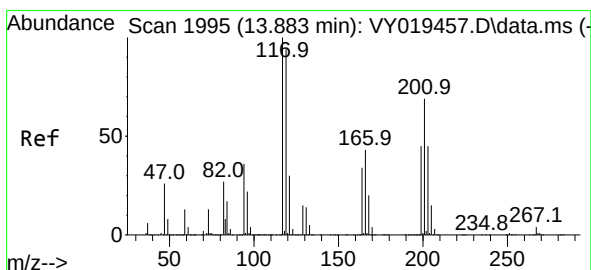
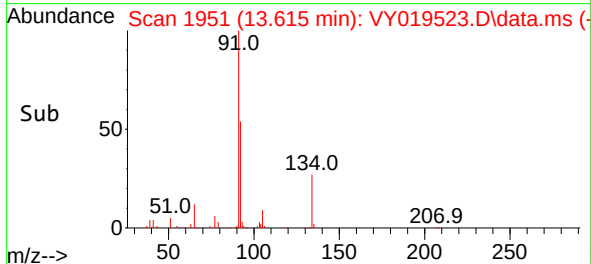
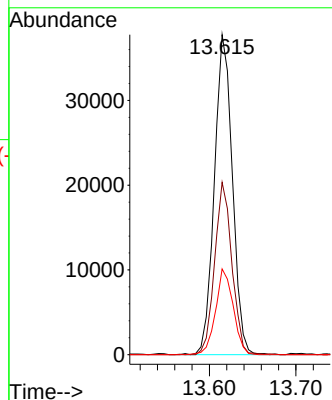
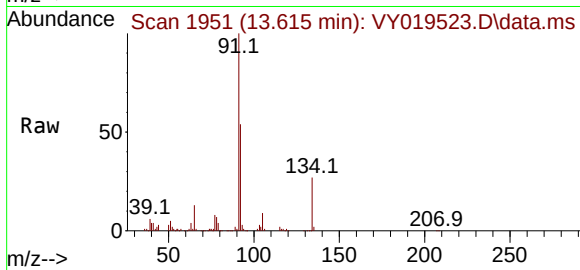
Tgt Ion: 91 Resp: 54582

Ion Ratio Lower Upper

91 100

92 51.6 26.6 79.7

134 26.2 12.9 38.7



#90

Hexachloroethane

Concen: 3.217 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. -0.006 min

Lab File: VY019523.D

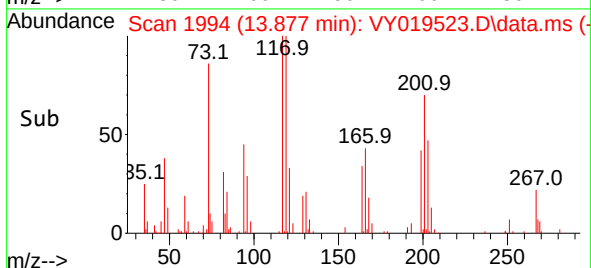
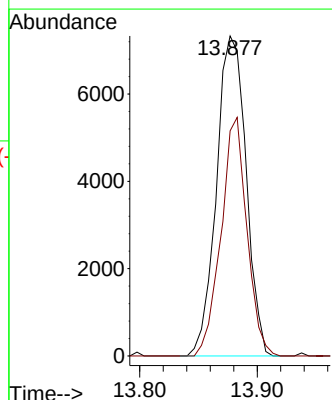
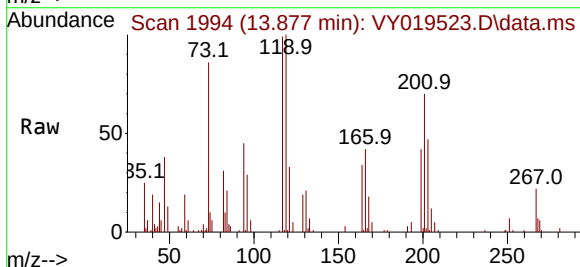
Acq: 12 Sep 2024 12:42

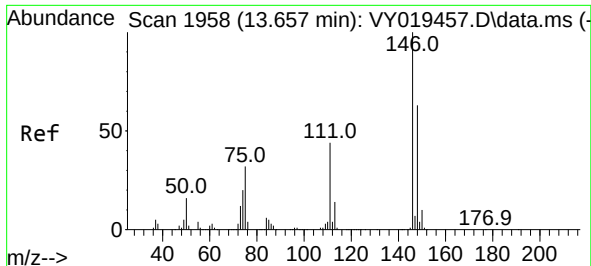
Tgt Ion: 117 Resp: 12848

Ion Ratio Lower Upper

117 100

201 65.1 37.4 112.2

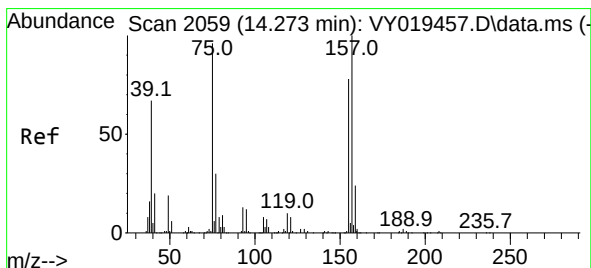
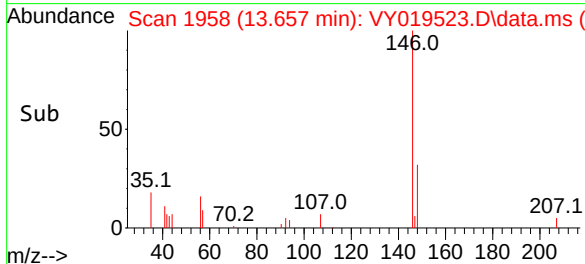
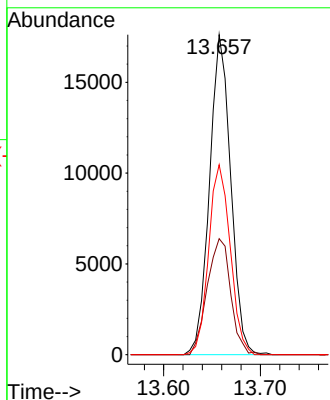
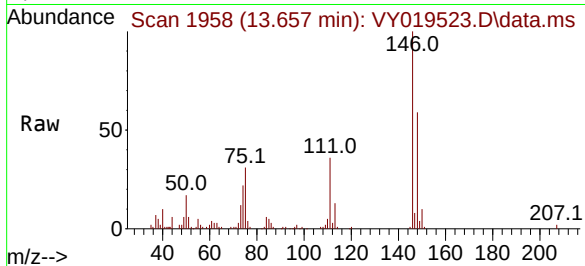




#91
1,2-Dichlorobenzene
Concen: 3.180 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. 0.000 min
Lab File: VY019523.D
Acq: 12 Sep 2024 12:42

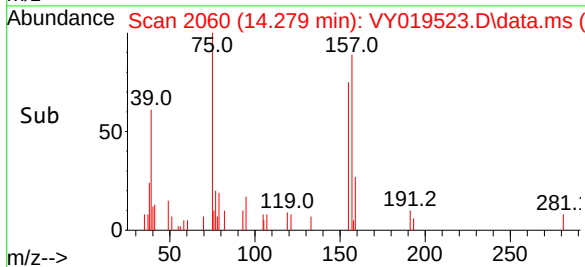
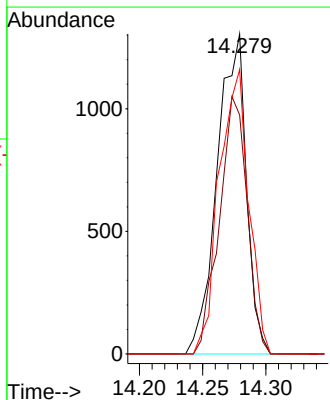
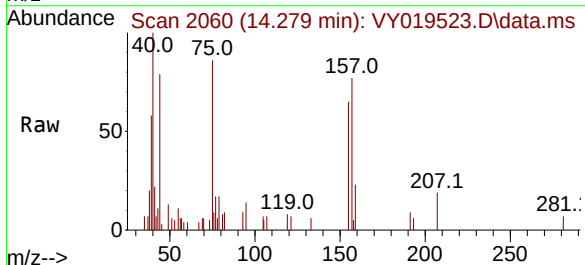
Instrument :
MSVOA_Y
ClientSampleId :

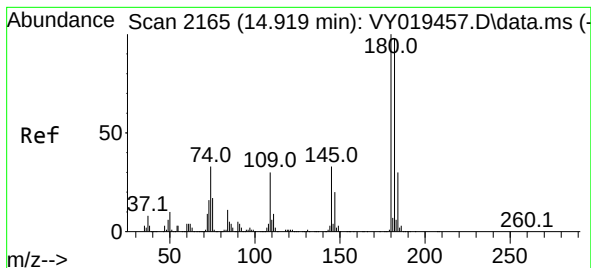
Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.1	19.9	59.7
148	60.6	31.8	95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 3.217 ug/l
RT: 14.279 min Scan# 2060
Delta R.T. 0.006 min
Lab File: VY019523.D
Acq: 12 Sep 2024 12:42

Tgt Ion	Ratio	Lower	Upper
75	100		
155	76.9	48.6	145.8
157	90.2	62.7	188.2





#93

1,2,4-Trichlorobenzene

Concen: 2.976 ug/l

RT: 14.913 min Scan# 2165

Delta R.T. -0.006 min

Lab File: VY019523.D

Acq: 12 Sep 2024 12:42

Instrument :

MSVOA_Y

ClientSampleId :

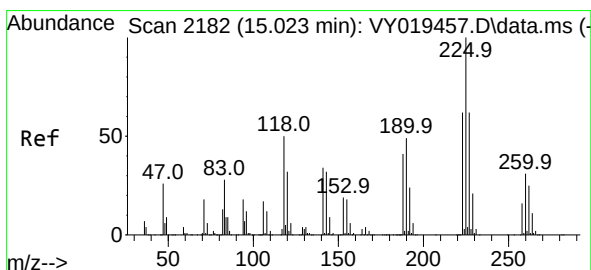
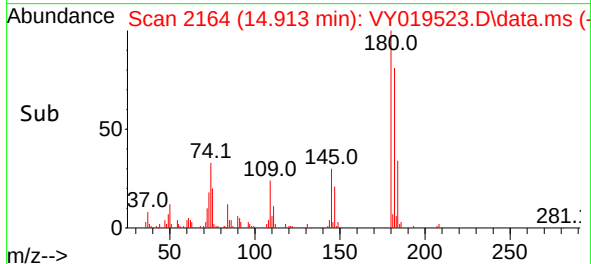
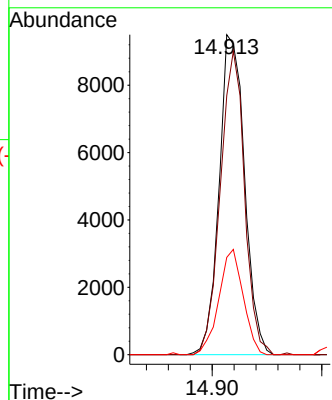
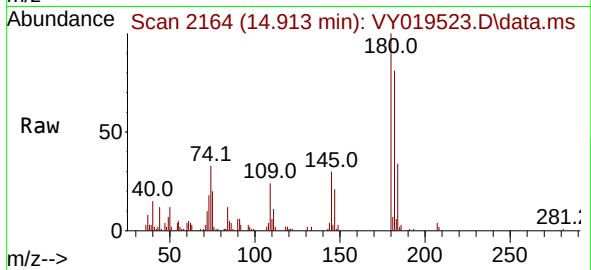
Tgt Ion:180 Resp: 15277

Ion Ratio Lower Upper

180 100

182 90.2 47.9 143.8

145 31.6 14.2 42.6



#94

Hexachlorobutadiene

Concen: 2.923 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY019523.D

Acq: 12 Sep 2024 12:42

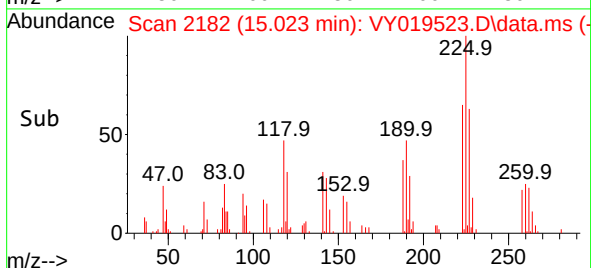
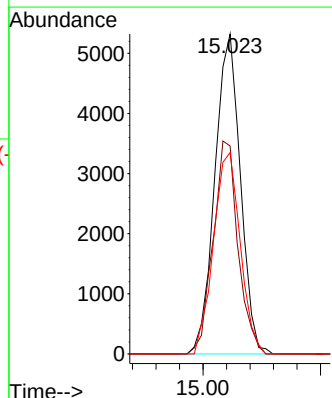
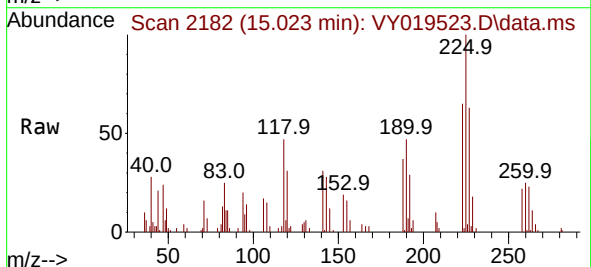
Tgt Ion:225 Resp: 8015

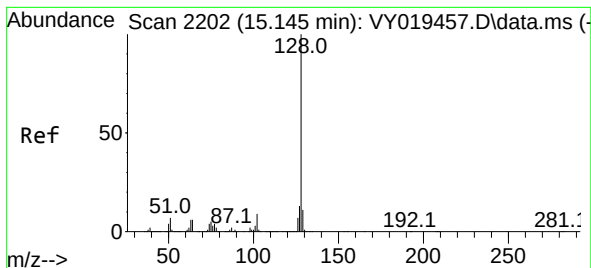
Ion Ratio Lower Upper

225 100

223 65.0 30.4 91.2

227 66.1 31.9 95.9





#95

Naphthalene

Concen: 2.864 ug/l

RT: 15.139 min Scan# 2201

Delta R.T. -0.006 min

Lab File: VY019523.D

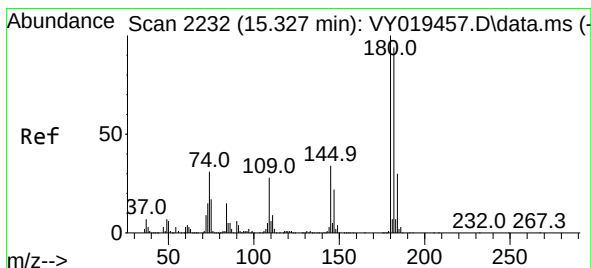
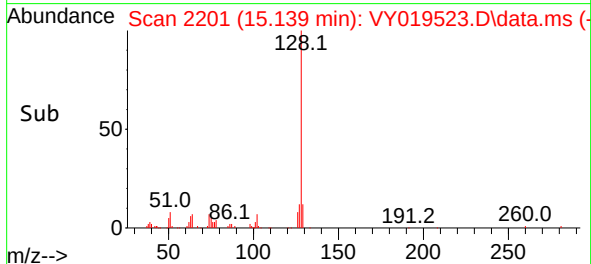
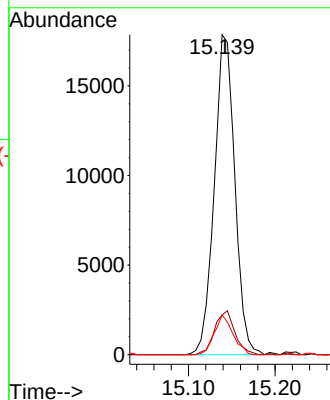
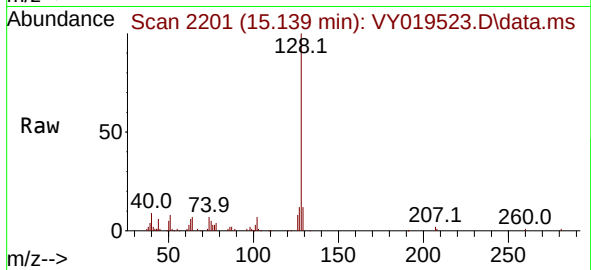
Acq: 12 Sep 2024 12:42

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	128	Resp:	29435
Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.6	16.0
129	11.2	8.6	13.0



#96

1,2,3-Trichlorobenzene

Concen: 2.851 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY019523.D

Acq: 12 Sep 2024 12:42

Tgt Ion:	180	Resp:	12517
Ion	Ratio	Lower	Upper
180	100		
182	99.8	47.6	142.9
145	36.7	15.4	46.1

