

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100724\
 Data File : VY019813.D
 Acq On : 07 Oct 2024 16:36
 Operator : SY/MD
 Sample : VY1007SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 08 01:41:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 09 16:00:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	224385	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	399672	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	327023	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	149040	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	112404	54.099	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.200%	
35) Dibromofluoromethane	7.634	113	114292	50.436	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.880%	
50) Toluene-d8	10.103	98	419286	50.024	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.040%	
62) 4-Bromofluorobenzene	12.402	95	145886	45.267	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 90.540%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.867	85	22400	15.433	ug/l	96
3) Chloromethane	2.074	50	28224	15.203	ug/l	99
4) Vinyl Chloride	2.208	62	33909	16.892	ug/l	100
5) Bromomethane	2.599	94	22272	18.062	ug/l	96
6) Chloroethane	2.739	64	26133	19.914	ug/l	89
7) Trichlorofluoromethane	3.056	101	64340	19.227	ug/l	98
8) Diethyl Ether	3.458	74	19604	17.453	ug/l	77
9) 1,1,2-Trichlorotrifluo...	3.818	101	41477	20.037	ug/l	93
10) Methyl Iodide	4.007	142	33924	12.782	ug/l	92
11) Tert butyl alcohol	4.854	59	18644	111.112	ug/l	# 85
12) 1,1-Dichloroethene	3.793	96	33569	16.862	ug/l	86
13) Acrolein	3.659	56	5994	63.514	ug/l	86
14) Allyl chloride	4.385	41	65880	18.453	ug/l	# 91
15) Acrylonitrile	5.055	53	48536	100.213	ug/l	98
16) Acetone	3.867	43	64071	129.438	ug/l	# 82
17) Carbon Disulfide	4.104	76	44085	8.196	ug/l	99
18) Methyl Acetate	4.385	43	25581	19.043	ug/l	91
19) Methyl tert-butyl Ether	5.122	73	112962	20.035	ug/l	99
20) Methylene Chloride	4.616	84	45765	20.273	ug/l	# 82
21) trans-1,2-Dichloroethene	5.116	96	36682	16.811	ug/l	91
22) Diisopropyl ether	6.019	45	165154	22.528	ug/l	# 91
23) Vinyl Acetate	5.958	43	405414	96.815	ug/l	# 91
24) 1,1-Dichloroethane	5.915	63	89557	21.770	ug/l	97
25) 2-Butanone	6.890	43	79204	112.504	ug/l	# 84
26) 2,2-Dichloropropane	6.884	77	84029	22.644	ug/l	94
27) cis-1,2-Dichloroethene	6.890	96	53442	20.162	ug/l	81
28) Bromochloromethane	7.250	49	35169	20.318	ug/l	# 78
29) Tetrahydrofuran	7.262	42	39398	92.041	ug/l	# 82
30) Chloroform	7.421	83	97637	23.249	ug/l	96
31) Cyclohexane	7.701	56	57112	15.359	ug/l	90
32) 1,1,1-Trichloroethane	7.616	97	82333	21.873	ug/l	95
36) 1,1-Dichloropropene	7.835	75	55021	17.844	ug/l	95
37) Ethyl Acetate	6.976	43	28104	17.789	ug/l	97
38) Carbon Tetrachloride	7.817	117	66216	19.043	ug/l	93
39) Methylcyclohexane	9.110	83	59193	14.425	ug/l	90
40) Benzene	8.079	78	180080	18.961	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	18248	19.814	ug/l #	84
42) 1,2-Dichloroethane	8.158	62	52696	20.620	ug/l	96
43) Isopropyl Acetate	8.195	43	59155	17.822	ug/l #	90
44) Trichloroethene	8.866	130	44094	18.053	ug/l	97
45) 1,2-Dichloropropane	9.140	63	49852	21.471	ug/l	96
46) Dibromomethane	9.231	93	23868	18.798	ug/l	92
47) Bromodichloromethane	9.420	83	72963	21.378	ug/l	99
48) Methyl methacrylate	9.219	41	25838	16.484	ug/l #	81
49) 1,4-Dioxane	9.231	88	5024	336.118	ug/l #	74
51) 4-Methyl-2-Pentanone	10.000	43	153034	91.644	ug/l	90
52) Toluene	10.170	92	116132	19.013	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	58875	18.096	ug/l	96
54) cis-1,3-Dichloropropene	9.853	75	71552	18.887	ug/l #	85
55) 1,1,2-Trichloroethane	10.573	97	35192	20.071	ug/l	94
56) Ethyl methacrylate	10.439	69	44878	16.849	ug/l #	76
57) 1,3-Dichloropropane	10.719	76	59341	19.689	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.707	63	105184	85.085	ug/l	95
59) 2-Hexanone	10.756	43	114693	93.685	ug/l	87
60) Dibromochloromethane	10.908	129	45583	19.653	ug/l	99
61) 1,2-Dibromoethane	11.012	107	29912	18.309	ug/l	99
64) Tetrachloroethene	10.646	164	36397	17.973	ug/l	96
65) Chlorobenzene	11.438	112	134813	20.957	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.512	131	47469	21.313	ug/l	99
67) Ethyl Benzene	11.518	91	239246	20.932	ug/l	99
68) m/p-Xylenes	11.627	106	174161	40.297	ug/l	91
69) o-Xylene	11.950	106	86975	20.578	ug/l	92
70) Styrene	11.969	104	146392	20.514	ug/l	95
71) Bromoform	12.127	173	23392	18.388	ug/l #	96
73) Isopropylbenzene	12.255	105	242640	22.441	ug/l	99
74) N-amyl acetate	12.066	43	51310	17.449	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.505	83	40313	21.006	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	49420	35.377	ug/l #	100
77) Bromobenzene	12.530	156	49319	20.566	ug/l	87
78) n-propylbenzene	12.591	91	290385	22.659	ug/l	99
79) 2-Chlorotoluene	12.676	91	166263	22.262	ug/l	96
80) 1,3,5-Trimethylbenzene	12.737	105	197531	22.472	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.298	75	11658	16.021	ug/l #	86
82) 4-Chlorotoluene	12.774	91	172485	22.464	ug/l	94
83) tert-Butylbenzene	12.993	119	180410	22.672	ug/l	93
84) 1,2,4-Trimethylbenzene	13.042	105	191786	22.042	ug/l	97
85) sec-Butylbenzene	13.176	105	268145	23.196	ug/l	98
86) p-Isopropyltoluene	13.292	119	214189	22.646	ug/l	95
87) 1,3-Dichlorobenzene	13.286	146	104303	22.384	ug/l	96
88) 1,4-Dichlorobenzene	13.365	146	102537	22.173	ug/l	96
89) n-Butylbenzene	13.615	91	208186	23.025	ug/l	98
90) Hexachloroethane	13.877	117	42674	21.684	ug/l	87
91) 1,2-Dichlorobenzene	13.657	146	90266	21.708	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.267	75	5267	16.467	ug/l	79
93) 1,2,4-Trichlorobenzene	14.919	180	47123	18.633	ug/l	95
94) Hexachlorobutadiene	15.017	225	28069	20.776	ug/l	96
95) Naphthalene	15.145	128	76678	15.140	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	37409	17.293	ug/l	98

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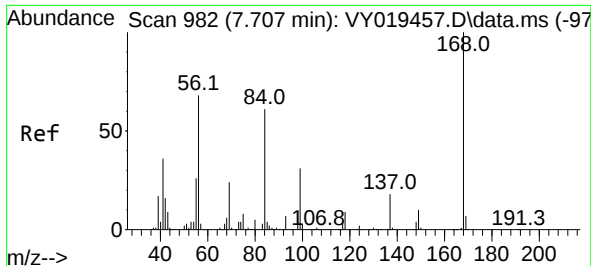
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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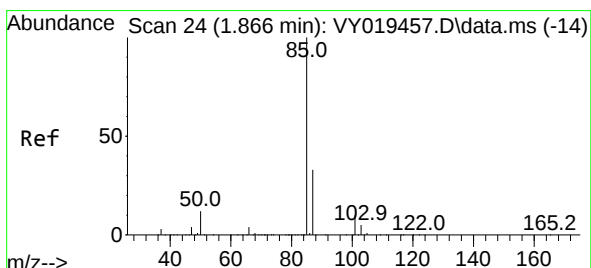
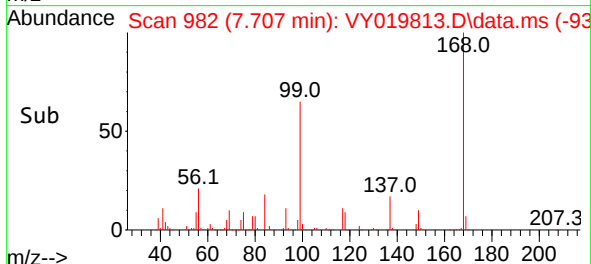
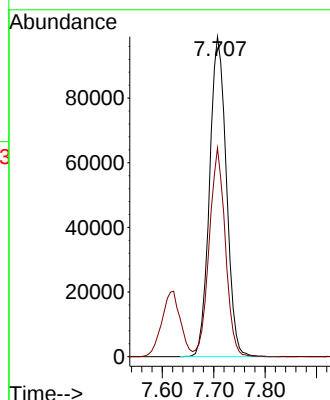
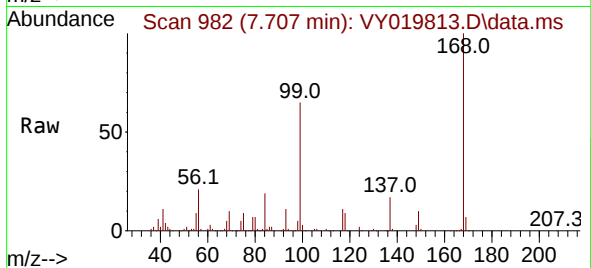




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019813.D
Acq: 07 Oct 2024 16:36

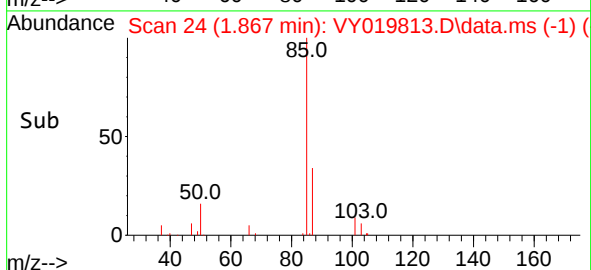
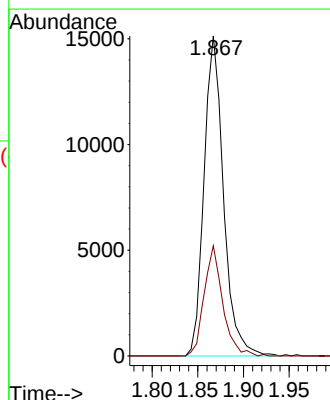
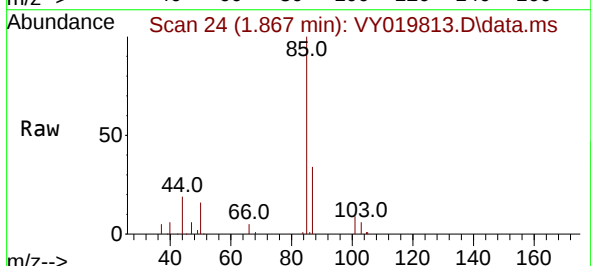
Instrument :
MSVOA_Y
ClientSampleId :

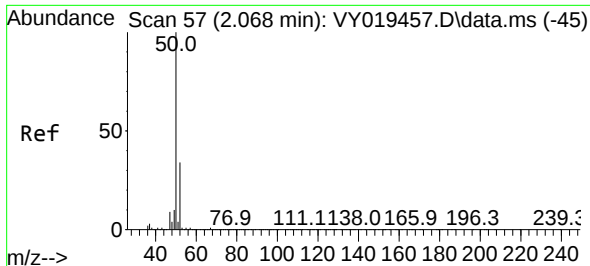
Tgt Ion:168 Resp: 224385
Ion Ratio Lower Upper
168 100
99 65.2 39.1 58.7#



#2
Dichlorodifluoromethane
Concen: 15.433 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.001 min
Lab File: VY019813.D
Acq: 07 Oct 2024 16:36

Tgt Ion: 85 Resp: 22400
Ion Ratio Lower Upper
85 100
87 34.5 16.0 48.0

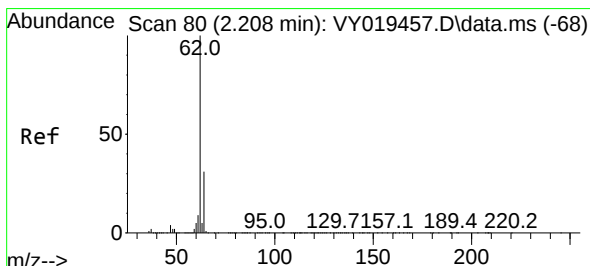
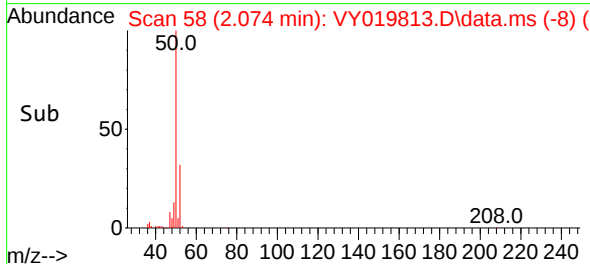
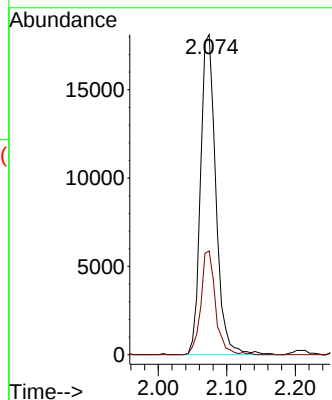
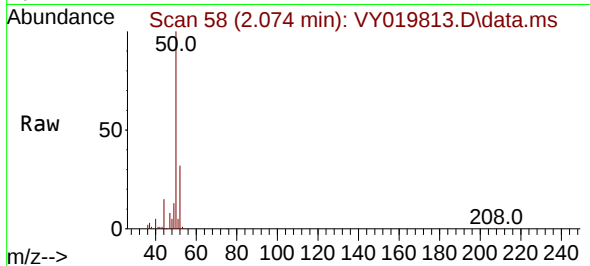




#3
Chloromethane
Concen: 15.203 ug/l
RT: 2.074 min Scan# 51
Delta R.T. 0.007 min
Lab File: VY019813.D
Acq: 07 Oct 2024 16:36

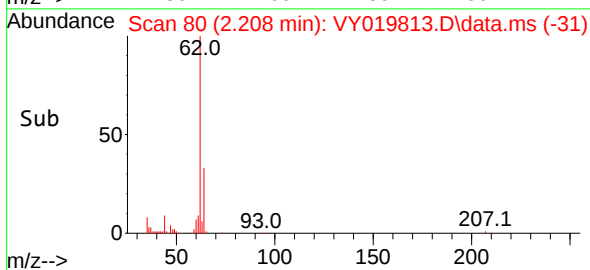
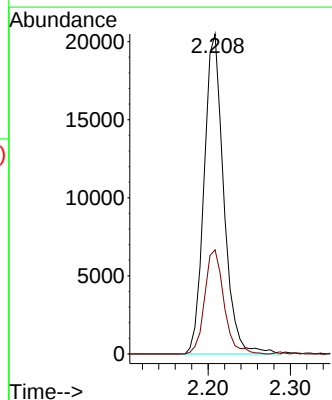
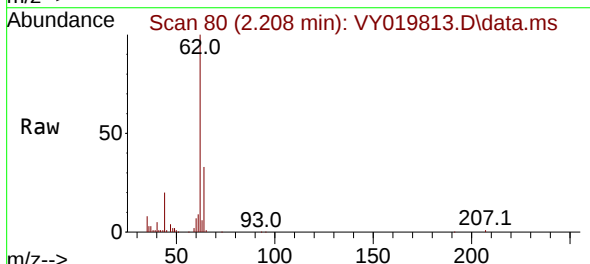
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 50 Resp: 28224
Ion Ratio Lower Upper
50 100
52 32.4 25.6 38.4



#4
Vinyl Chloride
Concen: 16.892 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.000 min
Lab File: VY019813.D
Acq: 07 Oct 2024 16:36

Tgt Ion: 62 Resp: 33909
Ion Ratio Lower Upper
62 100
64 32.6 26.1 39.1

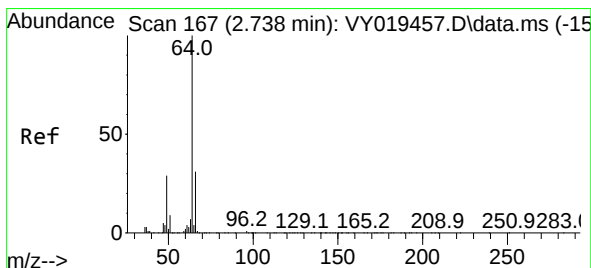
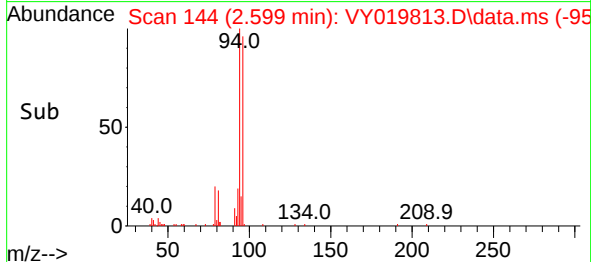
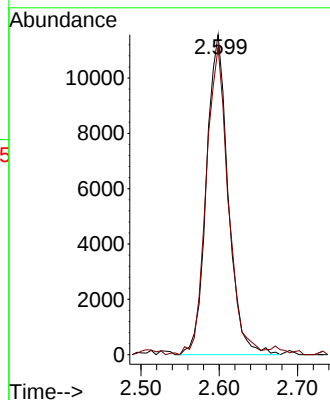
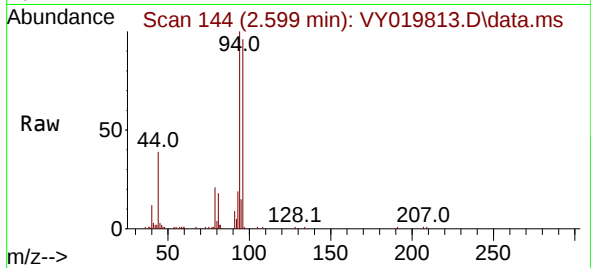




#5
Bromomethane
Concen: 18.062 ug/l
RT: 2.599 min Scan# 144
Delta R.T. 0.000 min
Lab File: VY019813.D
Acq: 07 Oct 2024 16:36

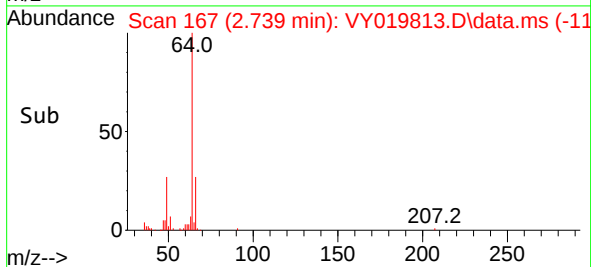
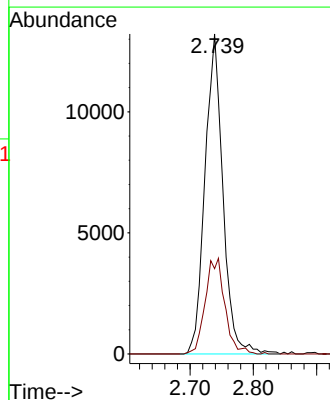
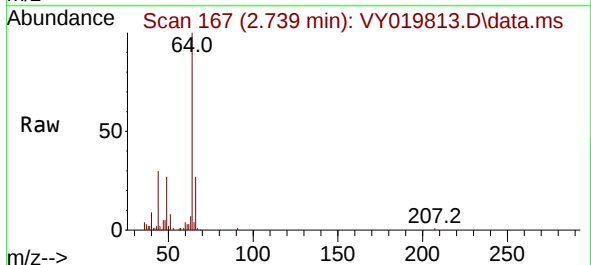
Instrument :
MSVOA_Y
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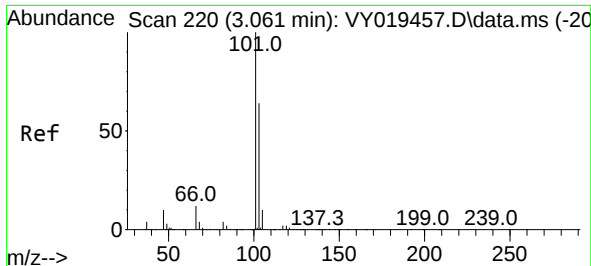
Tgt Ion: 94 Resp: 22272
Ion Ratio Lower Upper
94 100
96 96.1 74.1 111.1



#6
Chloroethane
Concen: 19.914 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.000 min
Lab File: VY019813.D
Acq: 07 Oct 2024 16:36

Tgt Ion: 64 Resp: 26133
Ion Ratio Lower Upper
64 100
66 26.6 26.1 39.1

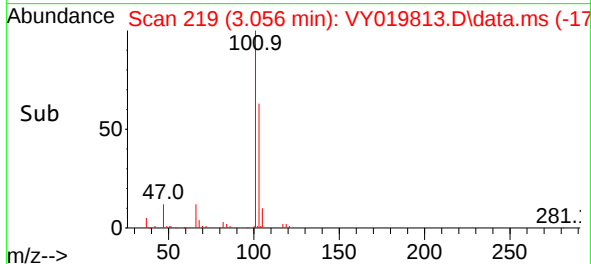
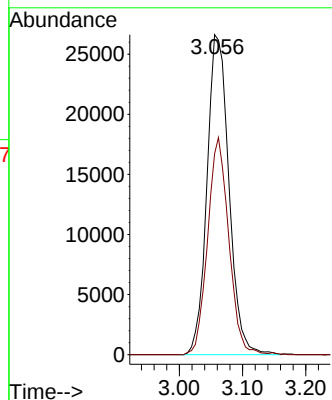
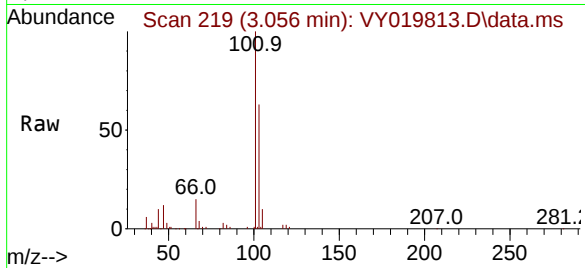




#7
 Trichlorofluoromethane
 Concen: 19.227 ug/l
 RT: 3.056 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VY019813.D
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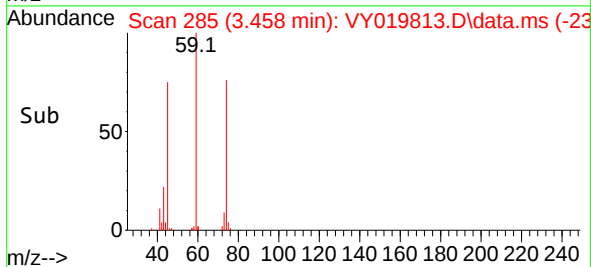
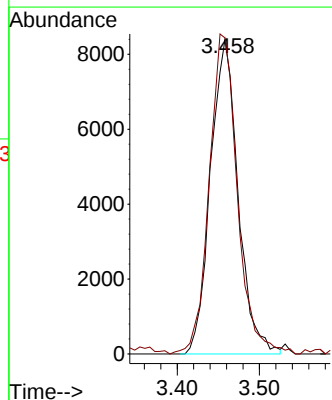
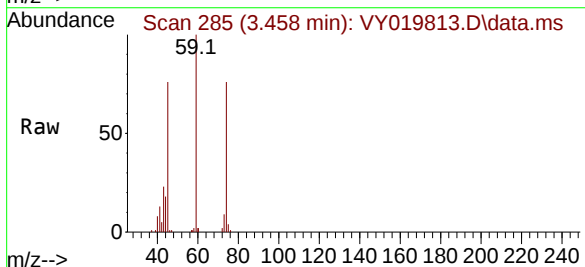
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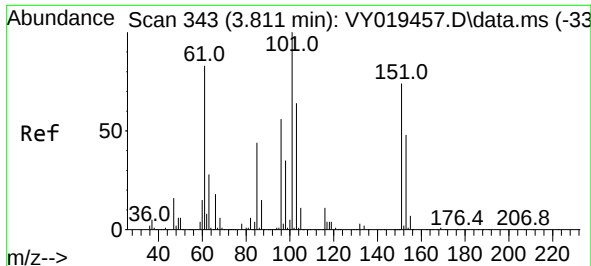
Tgt Ion:101 Resp: 64340
 Ion Ratio Lower Upper
 101 100
 103 62.8 49.3 73.9



#8
 Diethyl Ether
 Concen: 17.453 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. 0.000 min
 Lab File: VY019813.D
 Acq: 07 Oct 2024 16:36

Tgt Ion: 74 Resp: 19604
 Ion Ratio Lower Upper
 74 100
 45 103.6 41.3 124.1

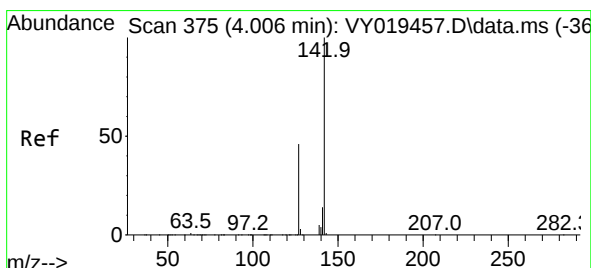
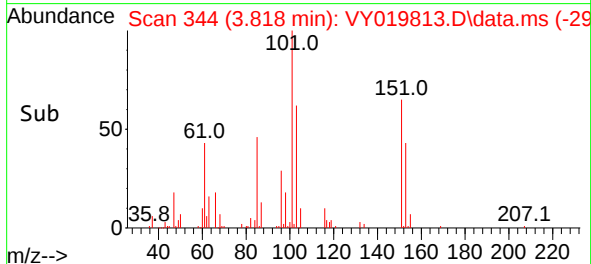
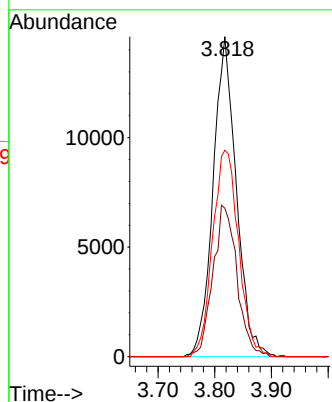
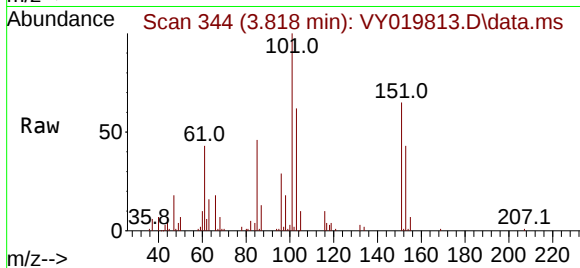




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.037 ug/l
RT: 3.818 min Scan# 343
Delta R.T. 0.007 min
Lab File: VY019813.D
Acq: 07 Oct 2024 16:36

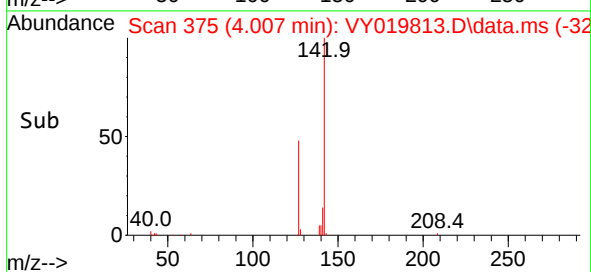
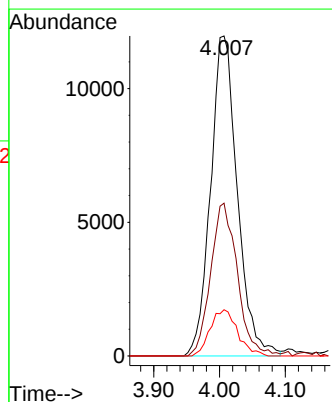
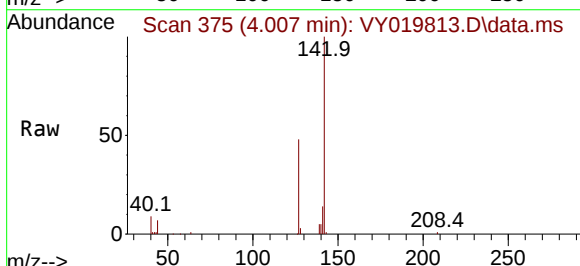
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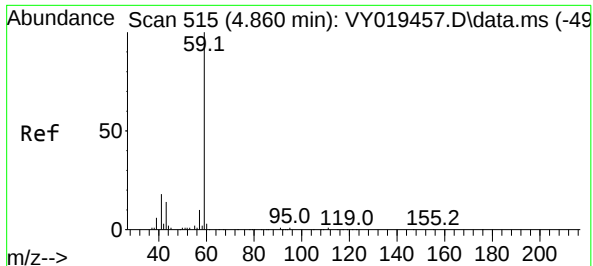
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Ion Ratio Lower Upper
101 100
85 49.4 34.5 51.7
151 72.2 61.7 92.5



#10
Methyl Iodide
Concen: 12.782 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.000 min
Lab File: VY019813.D
Acq: 07 Oct 2024 16:36

Tgt Ion:142 Resp: 33924
Ion Ratio Lower Upper
142 100
127 47.6 32.8 49.2
141 14.9 11.4 17.2





#11

Tert butyl alcohol

Concen: 111.112 ug/l

RT: 4.854 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY019813.D

Acq: 07 Oct 2024 16:36

Instrument :

MSVOA_Y

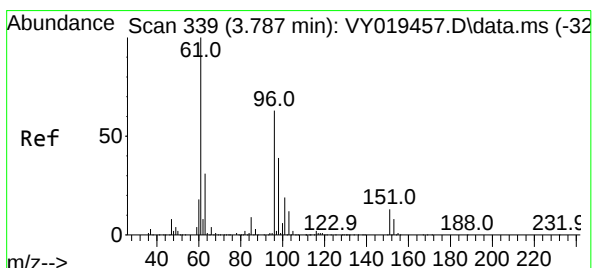
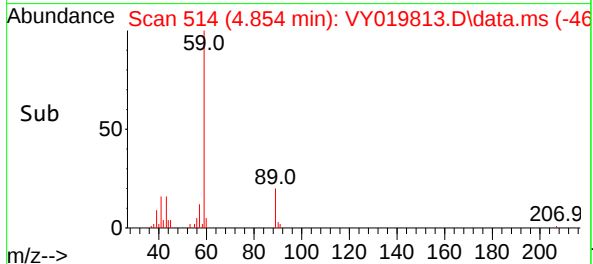
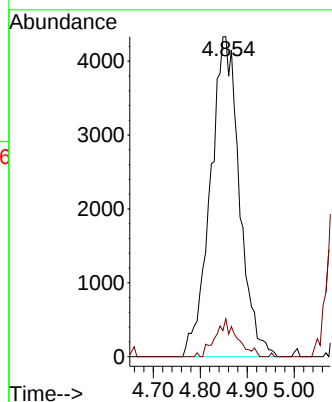
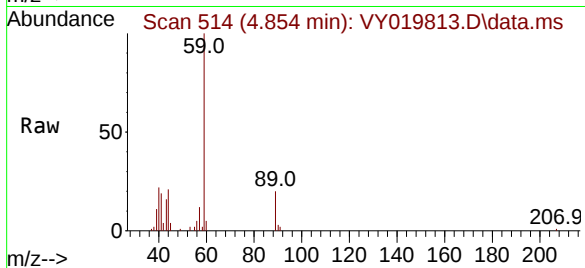
ClientSampleId :

Tgt Ion: 59 Resp: 18644

Ion Ratio Lower Upper

59 100

57 8.7 3.0 4.6#



#12

1,1-Dichloroethene

Concen: 16.862 ug/l

RT: 3.793 min Scan# 340

Delta R.T. 0.007 min

Lab File: VY019813.D

Acq: 07 Oct 2024 16:36

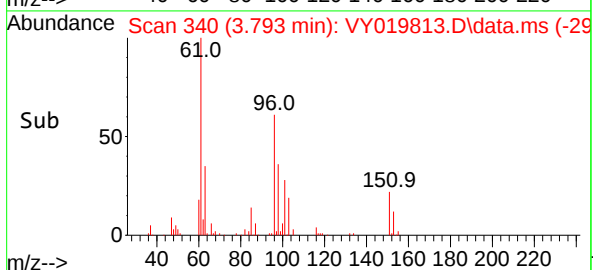
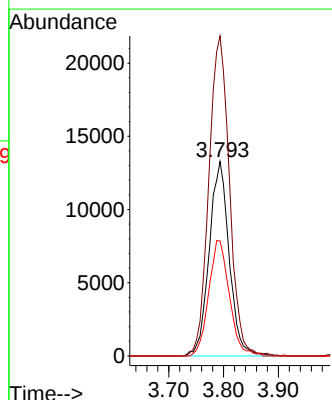
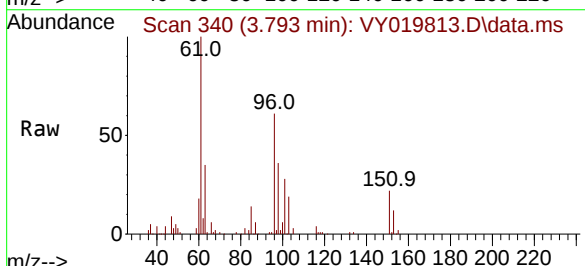
Tgt Ion: 96 Resp: 33569

Ion Ratio Lower Upper

96 100

61 164.6 114.6 171.8

98 59.2 50.8 76.2

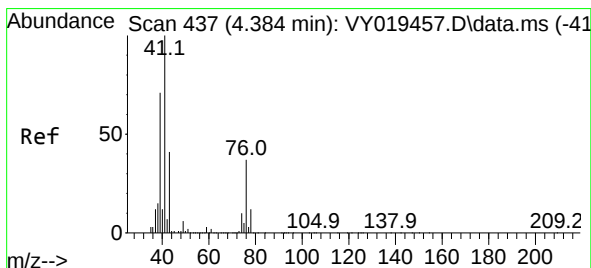
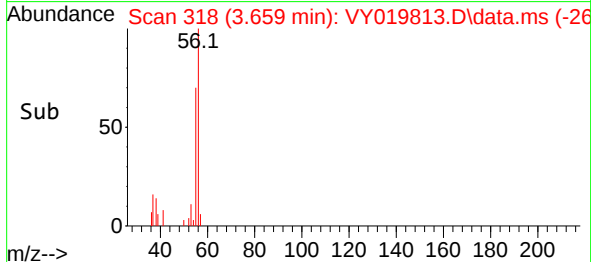
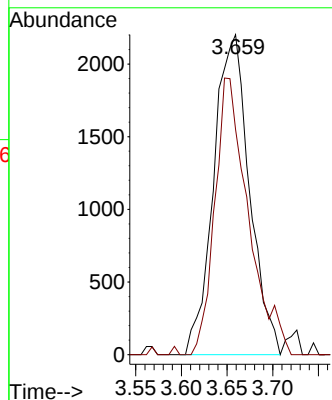
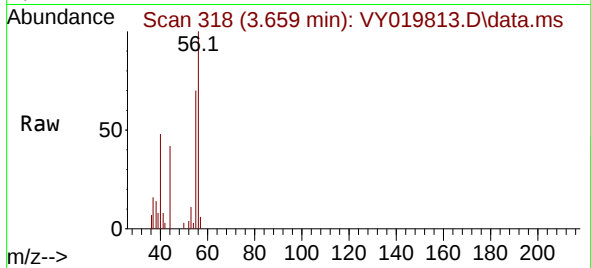




#13
Acrolein
Concen: 63.514 ug/l
RT: 3.659 min Scan# 317
Delta R.T. 0.006 min
Lab File: VY019813.D
Acq: 07 Oct 2024 16:36

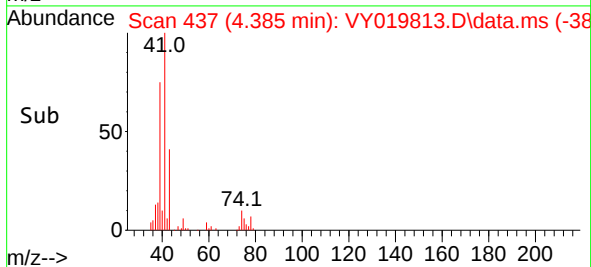
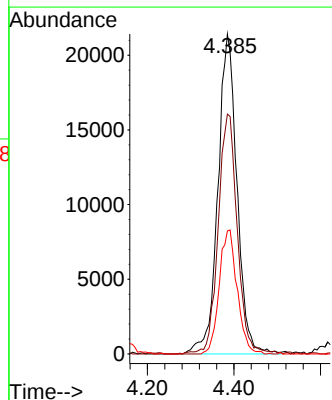
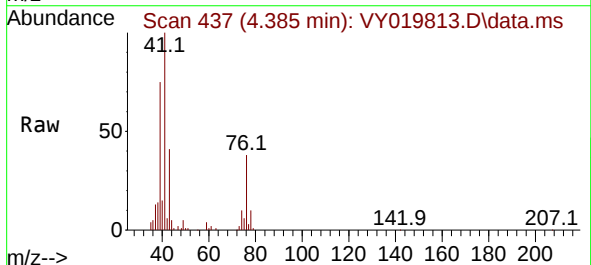
Instrument :
MSVOA_Y
ClientSampleId :

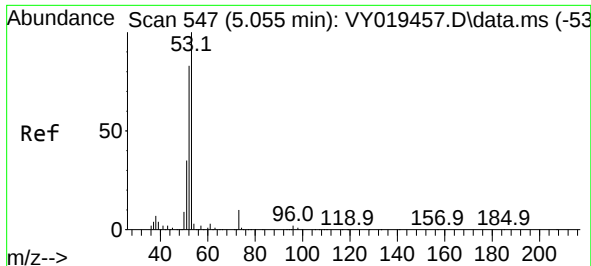
Tgt Ion: 56 Resp: 5994
Ion Ratio Lower Upper
56 100
55 80.9 55.7 83.5



#14
Allyl chloride
Concen: 18.453 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY019813.D
Acq: 07 Oct 2024 16:36

Tgt Ion: 41 Resp: 65880
Ion Ratio Lower Upper
41 100
39 74.7 58.3 87.5
76 36.3 39.0 58.6#





#15

Acrylonitrile

Concen: 100.213 ug/l

RT: 5.055 min Scan# 54

Delta R.T. 0.000 min

Lab File: VY019813.D

Acq: 07 Oct 2024 16:36

Instrument :

MSVOA_Y

ClientSampleId :

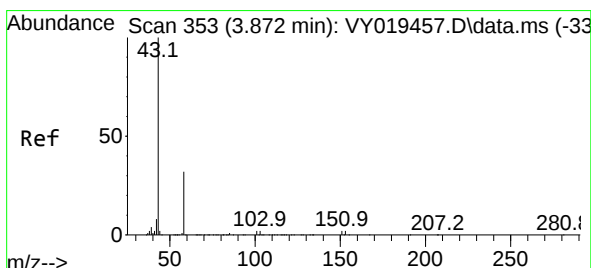
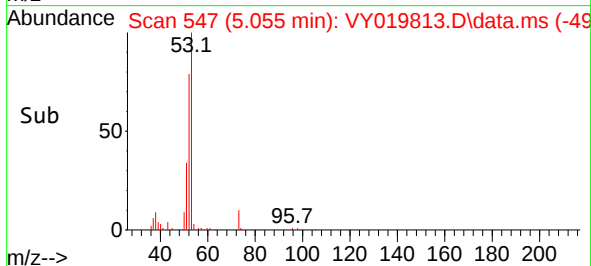
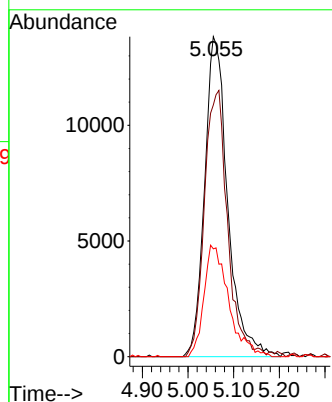
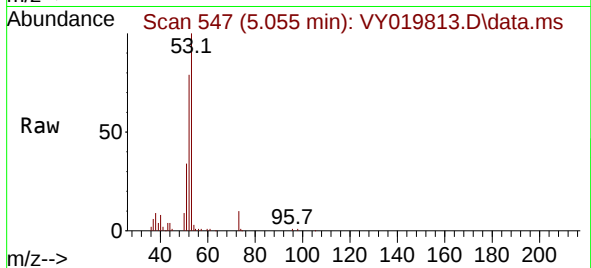
Tgt Ion: 53 Resp: 48536

Ion Ratio Lower Upper

53 100

52 82.5 64.7 97.1

51 37.4 28.4 42.6



#16

Acetone

Concen: 129.438 ug/l

RT: 3.867 min Scan# 352

Delta R.T. -0.006 min

Lab File: VY019813.D

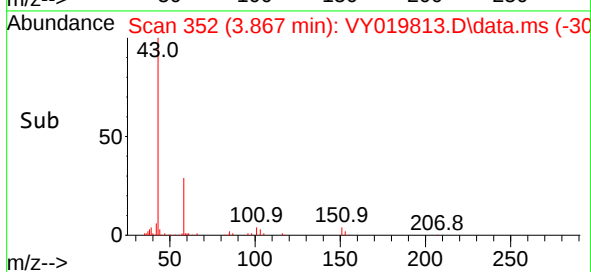
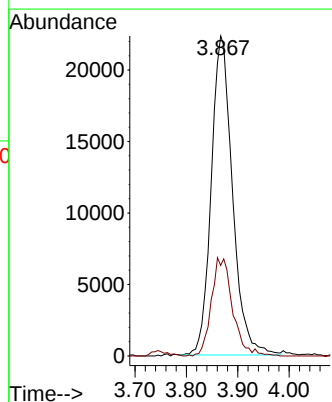
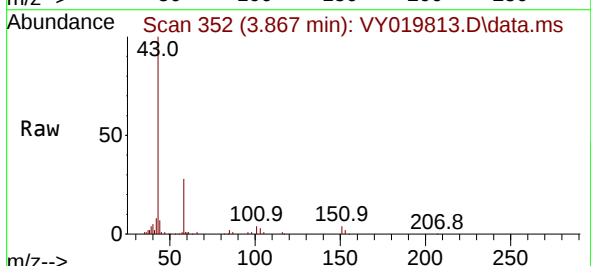
Acq: 07 Oct 2024 16:36

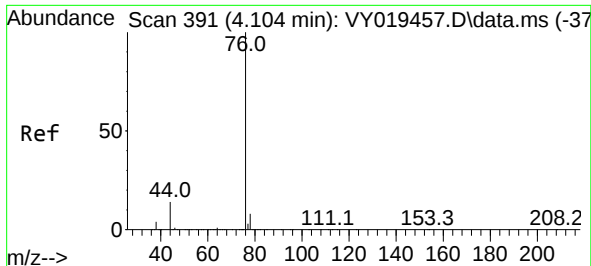
Tgt Ion: 43 Resp: 64071

Ion Ratio Lower Upper

43 100

58 28.4 31.7 47.5#

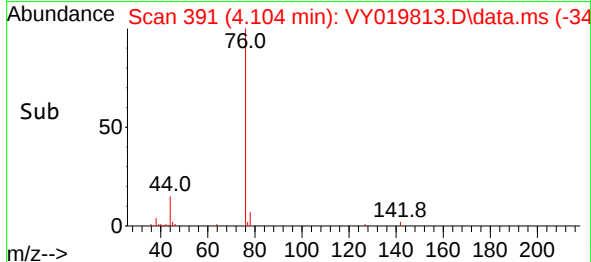
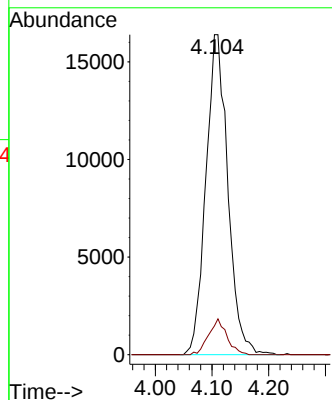
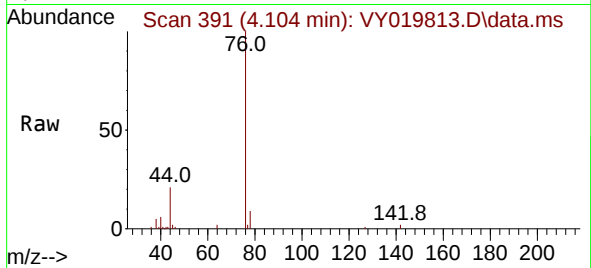




#17
Carbon Disulfide
Concen: 8.196 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY019813.D
Acq: 07 Oct 2024 16:36

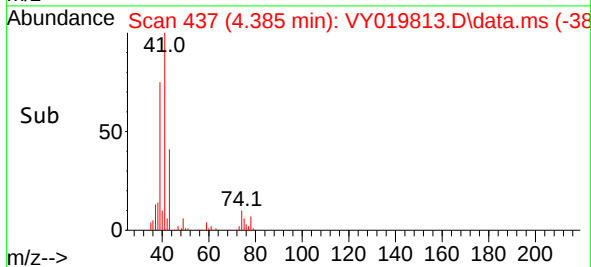
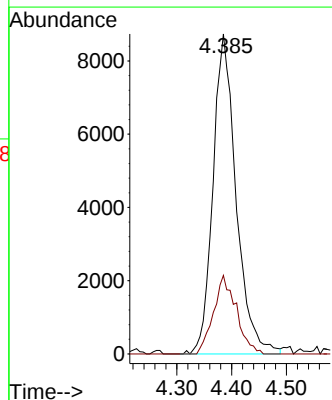
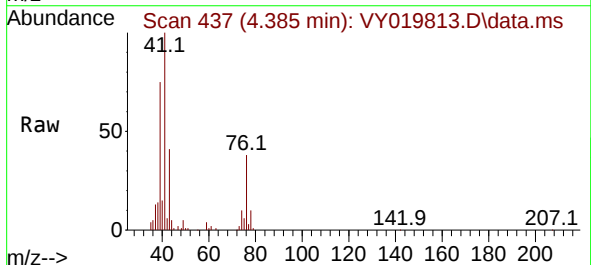
Instrument :
MSVOA_Y
ClientSampleId :

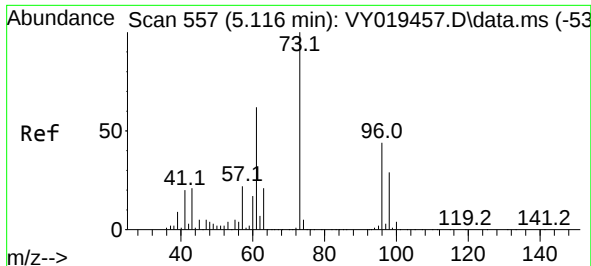
Tgt Ion: 76 Resp: 44085
Ion Ratio Lower Upper
76 100
78 9.0 6.8 10.2



#18
Methyl Acetate
Concen: 19.043 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY019813.D
Acq: 07 Oct 2024 16:36

Tgt Ion: 43 Resp: 25581
Ion Ratio Lower Upper
43 100
74 24.2 23.3 34.9

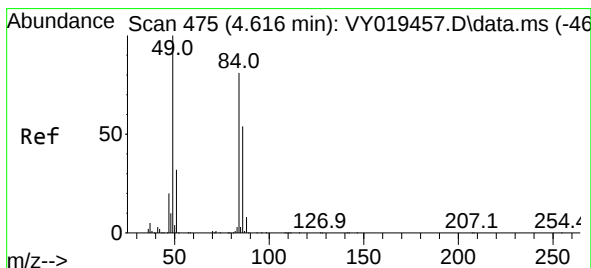
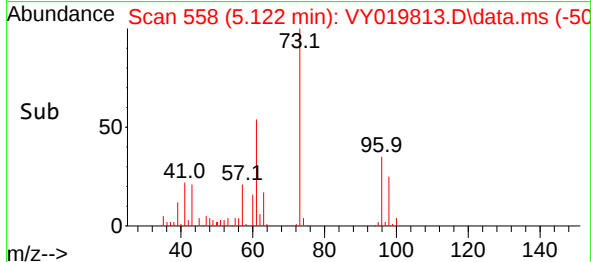
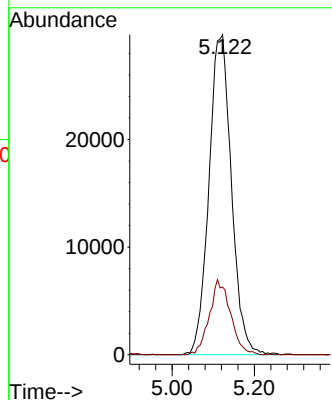
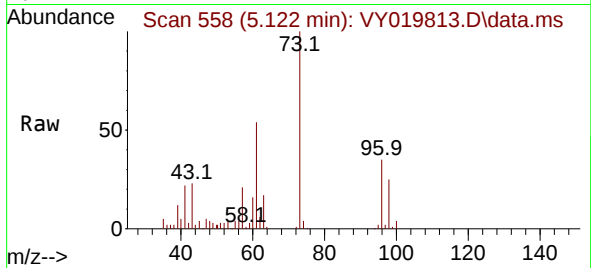




#19
Methyl tert-butyl Ether
Concen: 20.035 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.007 min
Lab File: VY019813.D
Acq: 07 Oct 2024 16:36

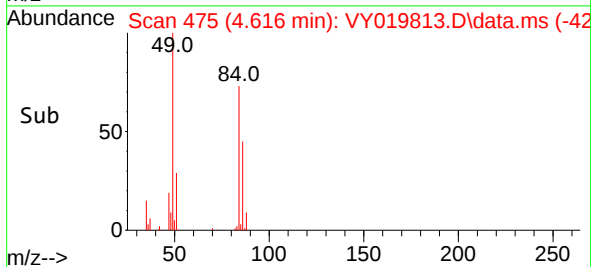
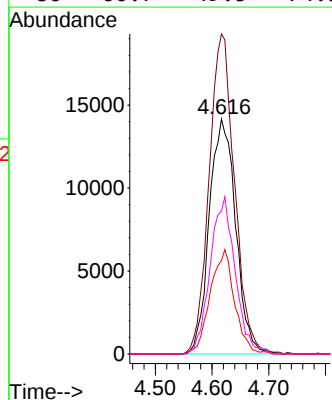
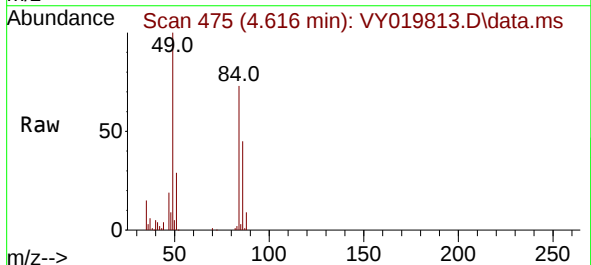
Instrument :
MSVOA_Y
ClientSampleId :

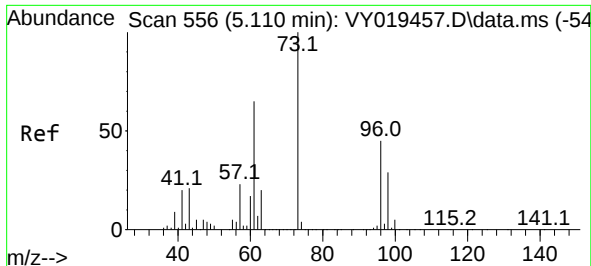
Tgt Ion: 73 Resp: 112962
Ion Ratio Lower Upper
73 100
57 21.2 17.3 25.9



#20
Methylene Chloride
Concen: 20.273 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY019813.D
Acq: 07 Oct 2024 16:36

Tgt Ion: 84 Resp: 45765
Ion Ratio Lower Upper
84 100
49 136.1 84.4 126.6#
51 39.7 26.0 39.0#
86 60.7 49.5 74.3

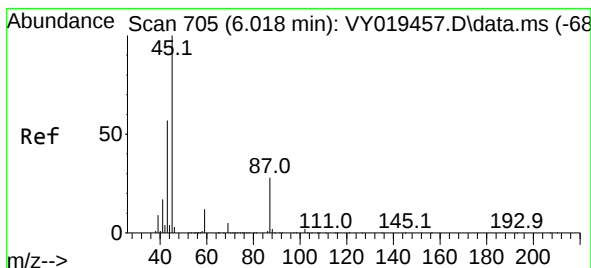
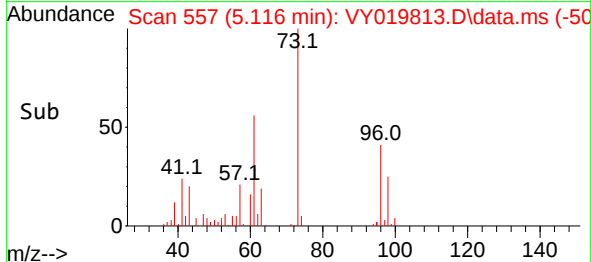
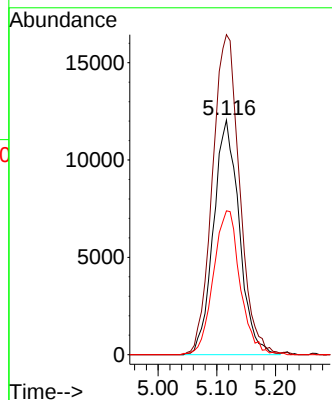
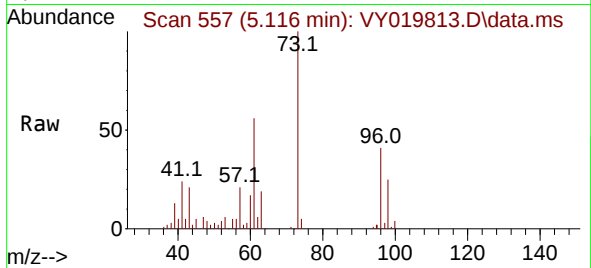




#21
trans-1,2-Dichloroethene
Concen: 16.811 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.007 min
Lab File: VY019813.D
Acq: 07 Oct 2024 16:36

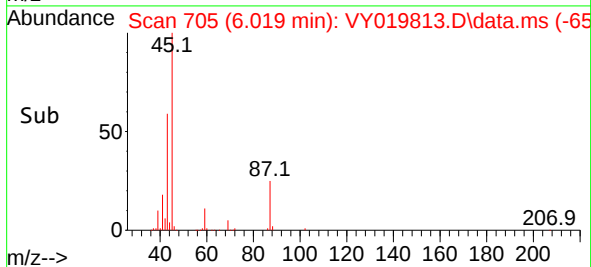
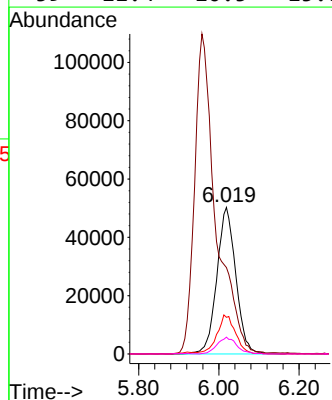
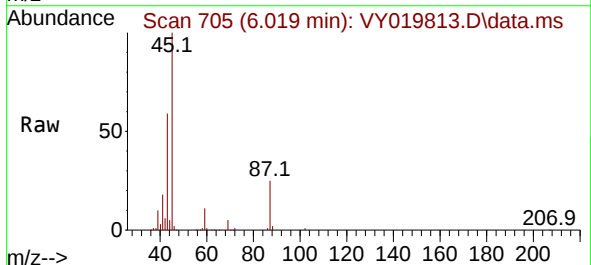
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 96 Resp: 36682
Ion Ratio Lower Upper
96 100
61 136.5 97.5 146.3
98 61.4 50.5 75.7



#22
Diisopropyl ether
Concen: 22.528 ug/l
RT: 6.019 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY019813.D
Acq: 07 Oct 2024 16:36

Tgt Ion: 45 Resp: 165154
Ion Ratio Lower Upper
45 100
43 58.3 42.2 63.2
87 25.0 25.0 37.6#
59 11.4 10.5 15.7

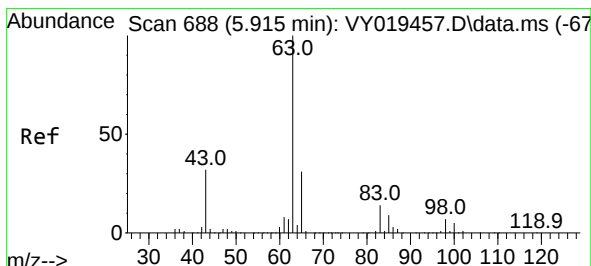
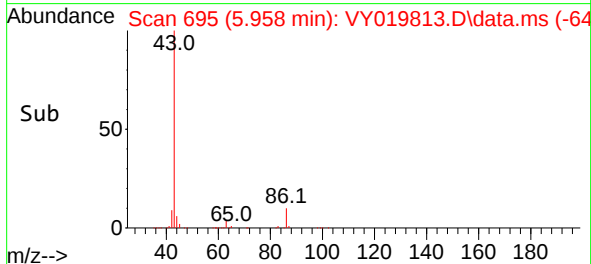
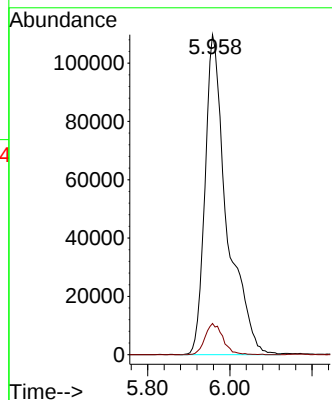
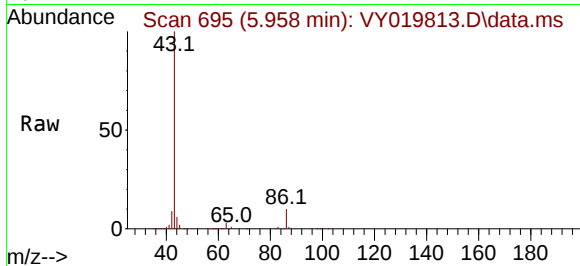




#23
 Vinyl Acetate
 Concen: 96.815 ug/l
 RT: 5.958 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY019813.D
 Acq: 07 Oct 2024 16:36

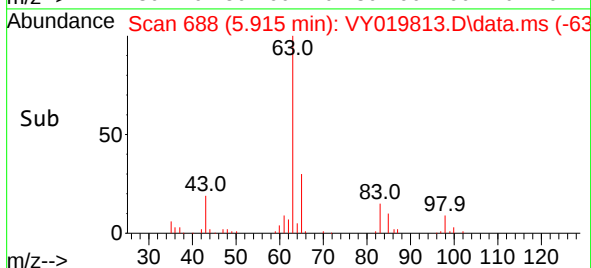
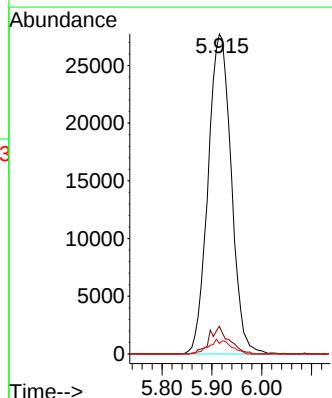
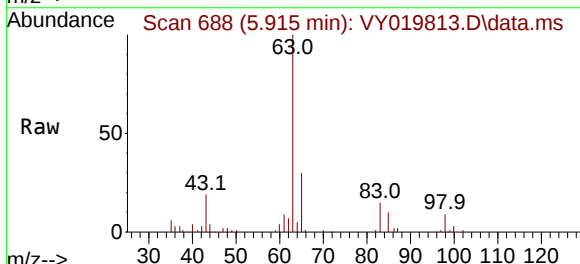
Instrument :
 MSVOA_Y
 ClientSampleId :

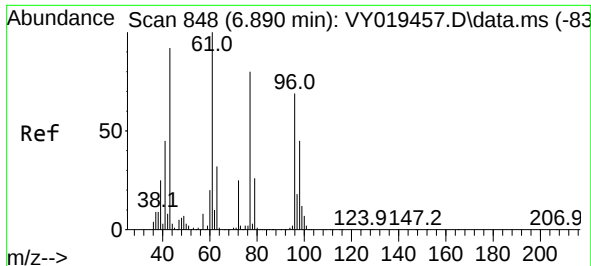
Tgt Ion: 43 Resp: 405414
 Ion Ratio Lower Upper
 43 100
 86 9.7 10.6 16.0#



#24
 1,1-Dichloroethane
 Concen: 21.770 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY019813.D
 Acq: 07 Oct 2024 16:36

Tgt Ion: 63 Resp: 89557
 Ion Ratio Lower Upper
 63 100
 98 8.7 4.0 12.2
 100 3.3 2.6 8.0





#25

2-Butanone

Concen: 112.504 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY019813.D

Acq: 07 Oct 2024 16:36

Instrument :

MSVOA_Y

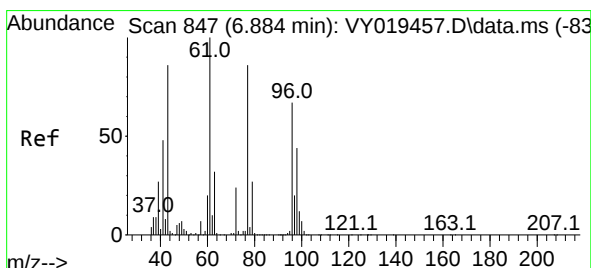
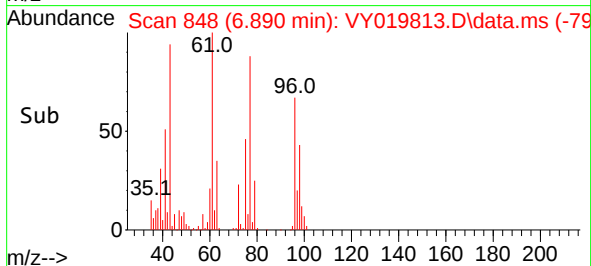
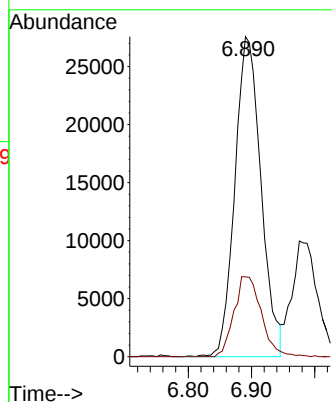
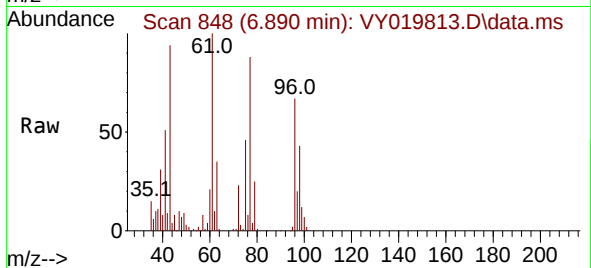
ClientSampleId :

Tgt Ion: 43 Resp: 79204

Ion Ratio Lower Upper

43 100

72 25.0 27.3 40.9#



#26

2,2-Dichloropropane

Concen: 22.644 ug/l

RT: 6.884 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY019813.D

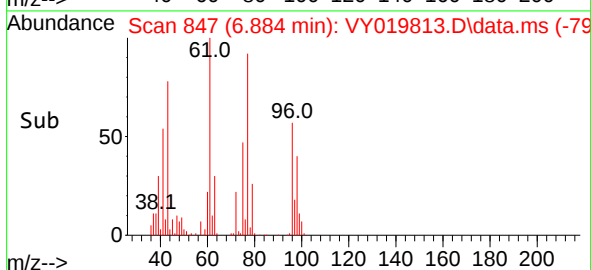
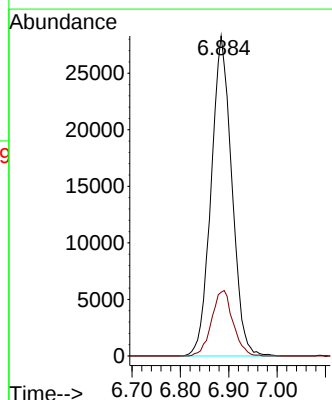
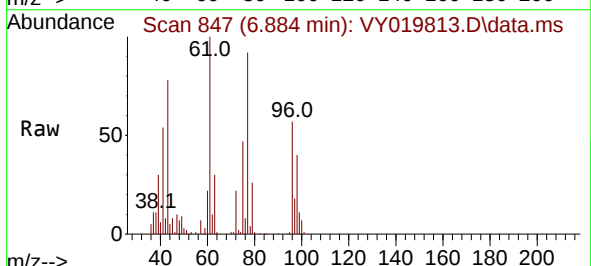
Acq: 07 Oct 2024 16:36

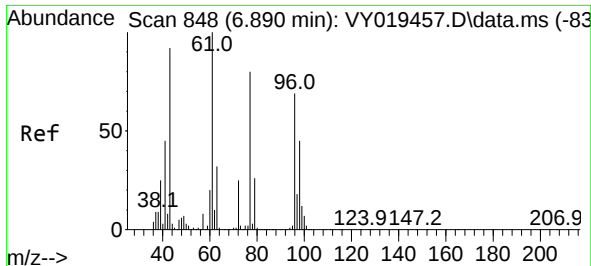
Tgt Ion: 77 Resp: 84029

Ion Ratio Lower Upper

77 100

97 21.1 12.0 36.1

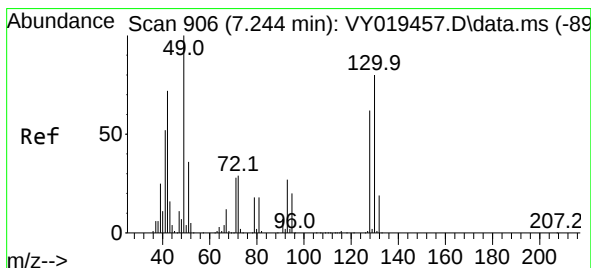
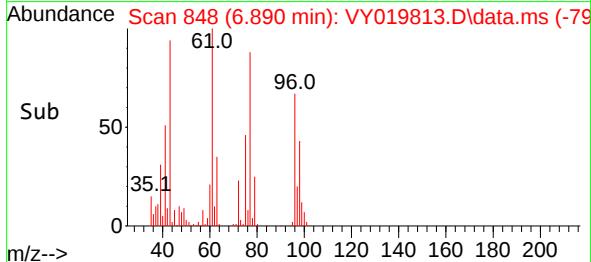
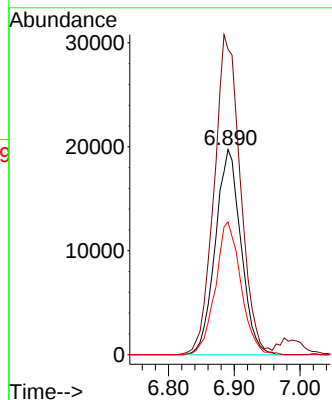
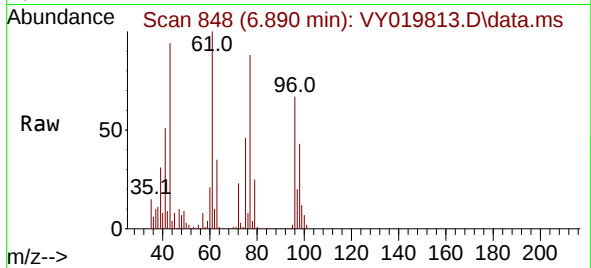




#27
 cis-1,2-Dichloroethene
 Concen: 20.162 ug/l
 RT: 6.890 min Scan# 848
 Delta R.T. 0.000 min
 Lab File: VY019813.D
 Acq: 07 Oct 2024 16:36

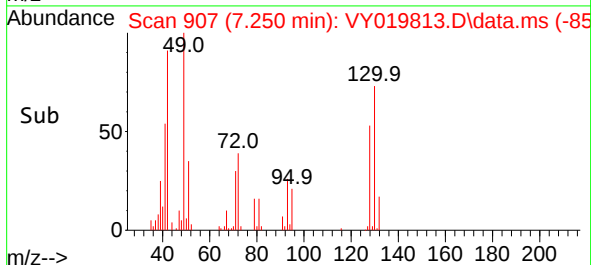
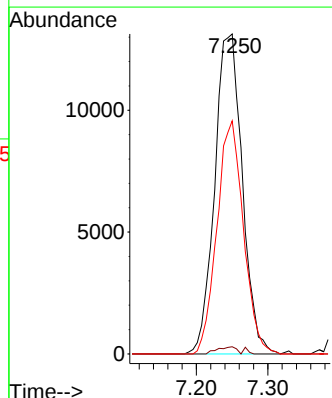
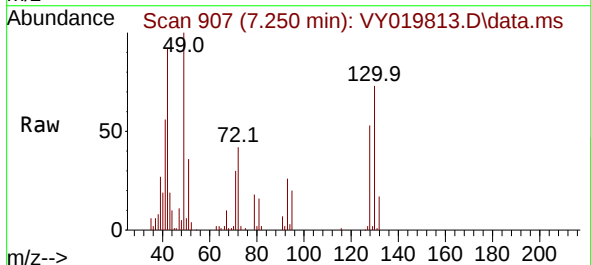
Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion: 96 Resp: 53442
 Ion Ratio Lower Upper
 96 100
 61 160.0 0.0 256.2
 98 64.5 0.0 130.0



#28
 Bromochloromethane
 Concen: 20.318 ug/l
 RT: 7.250 min Scan# 907
 Delta R.T. 0.007 min
 Lab File: VY019813.D
 Acq: 07 Oct 2024 16:36

Tgt Ion: 49 Resp: 35169
 Ion Ratio Lower Upper
 49 100
 129 1.5 0.0 4.6
 130 70.0 72.7 109.1#

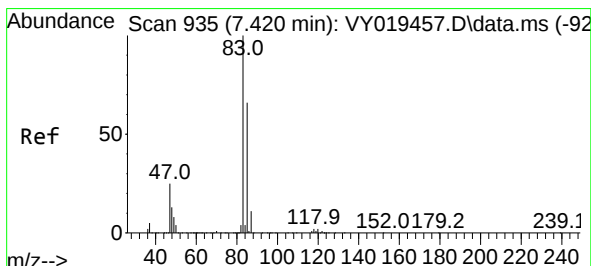
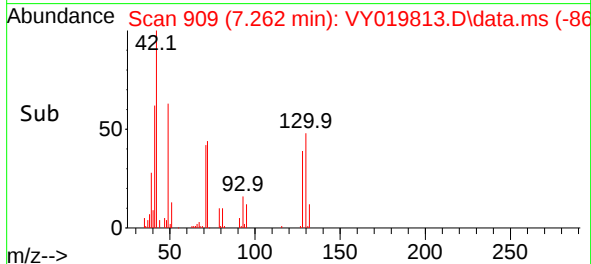
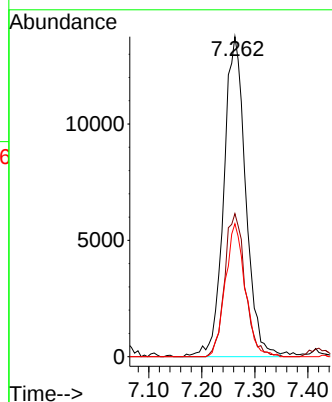
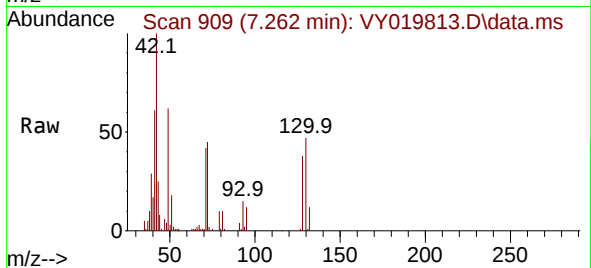




#29
Tetrahydrofuran
Concen: 92.041 ug/l
RT: 7.262 min Scan# 909
Delta R.T. 0.000 min
Lab File: VY019813.D
Acq: 07 Oct 2024 16:36

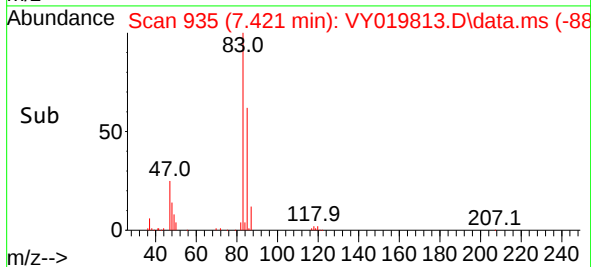
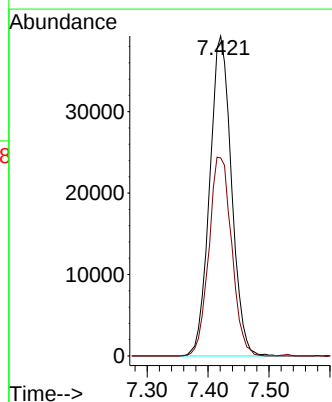
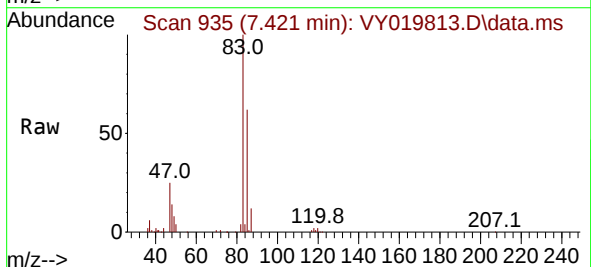
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 42 Resp: 39398
Ion Ratio Lower Upper
42 100
72 41.8 43.0 64.4#
71 38.0 40.8 61.2#



#30
Chloroform
Concen: 23.249 ug/l
RT: 7.421 min Scan# 935
Delta R.T. 0.000 min
Lab File: VY019813.D
Acq: 07 Oct 2024 16:36

Tgt Ion: 83 Resp: 97637
Ion Ratio Lower Upper
83 100
85 61.9 52.2 78.4

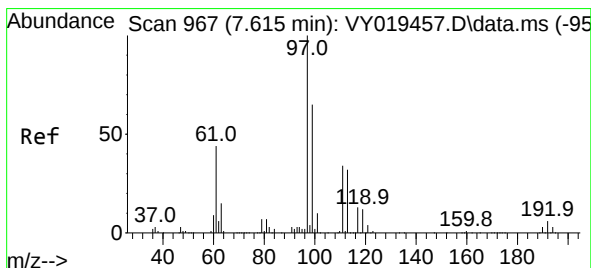
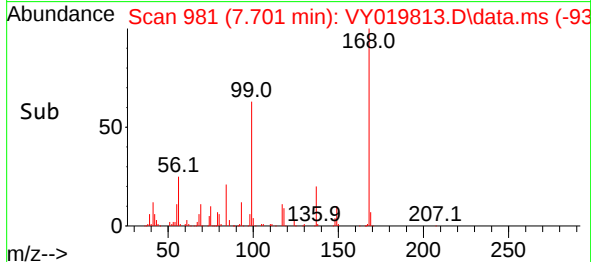
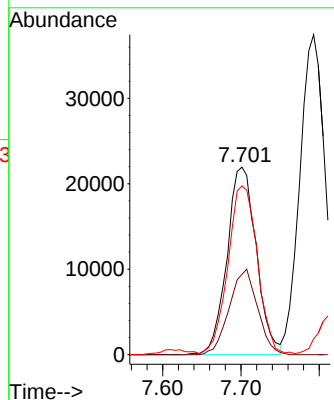
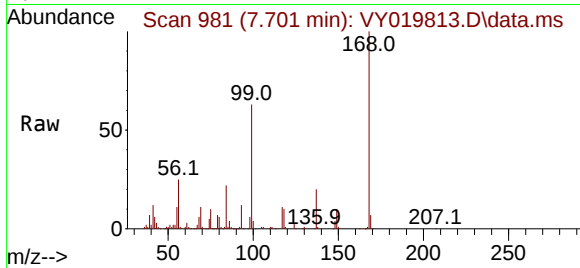




#31
Cyclohexane
Concen: 15.359 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY019813.D
Acq: 07 Oct 2024 16:36

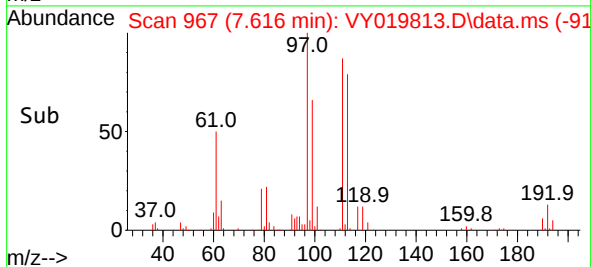
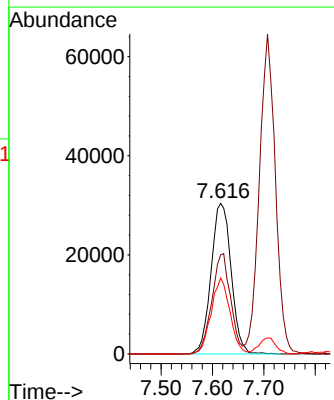
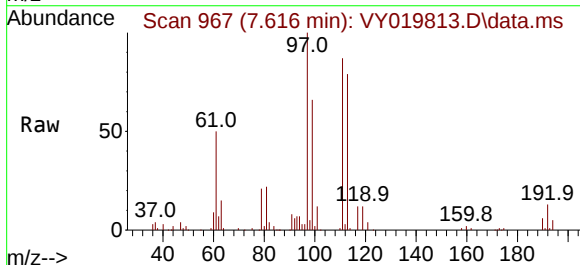
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 56 Resp: 57112
Ion Ratio Lower Upper
56 100
69 42.9 28.7 43.1
84 88.0 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 21.873 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY019813.D
Acq: 07 Oct 2024 16:36

Tgt Ion: 97 Resp: 82333
Ion Ratio Lower Upper
97 100
99 62.0 50.3 75.5
61 47.3 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 54.099 ug/l

RT: 8.061 min Scan# 11040

Delta R.T. 0.000 min

Lab File: VY019813.D

Acq: 07 Oct 2024 16:36

Instrument :

MSVOA_Y

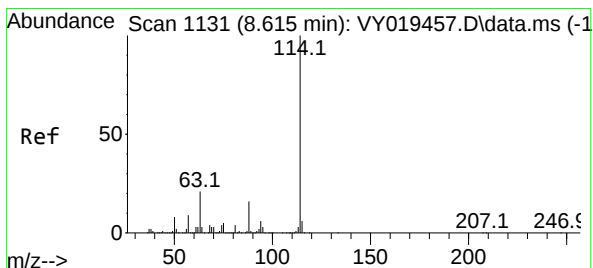
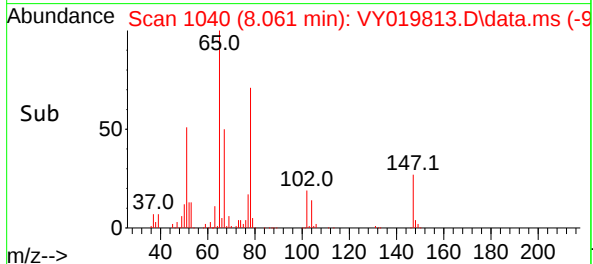
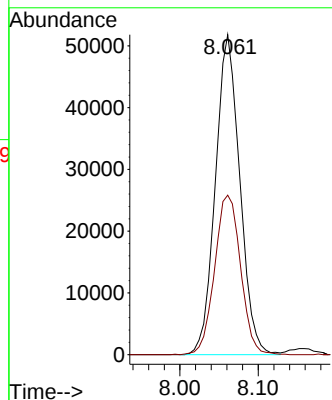
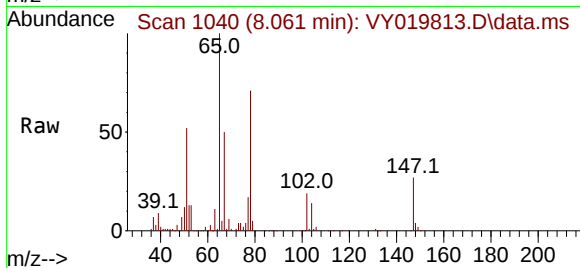
ClientSampleId :

Tgt Ion: 65 Resp: 112404

Ion Ratio Lower Upper

65 100

67 52.9 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY019813.D

Acq: 07 Oct 2024 16:36

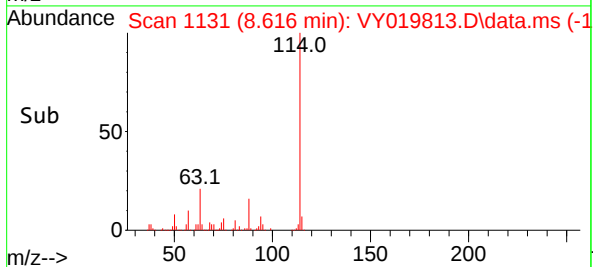
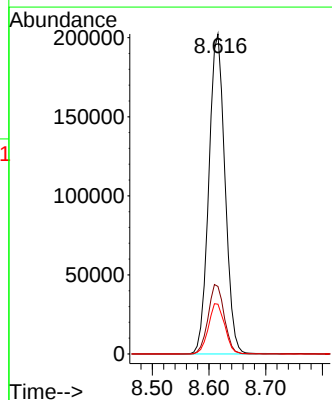
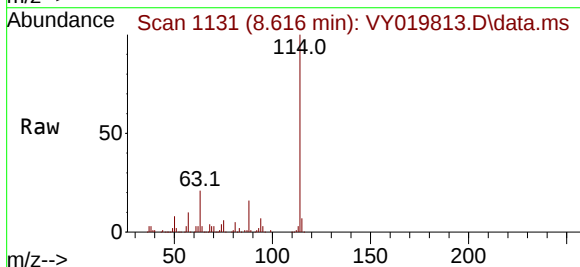
Tgt Ion:114 Resp: 399672

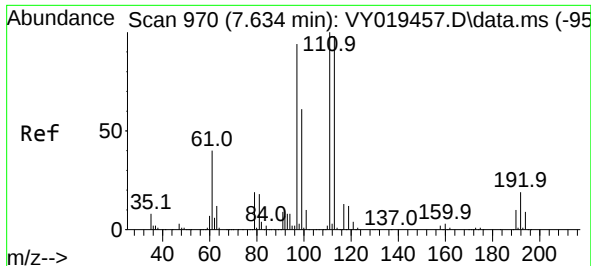
Ion Ratio Lower Upper

114 100

63 21.1 0.0 35.0

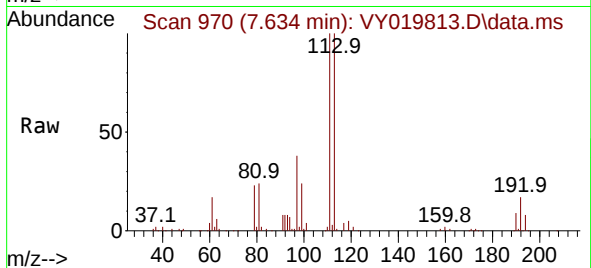
88 15.5 0.0 27.2



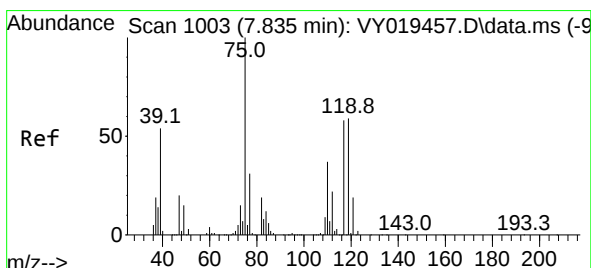
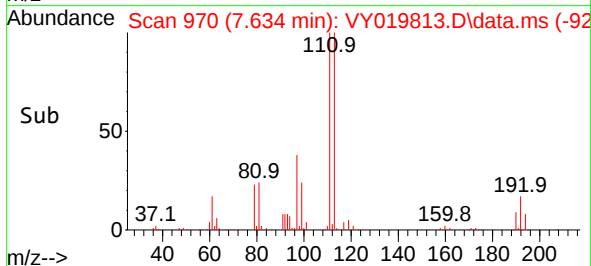
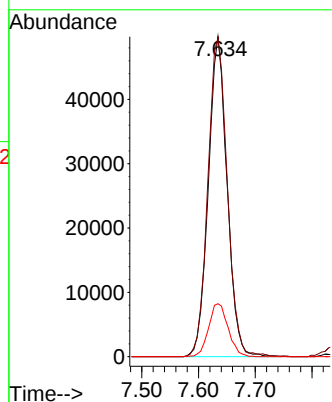


#35
Dibromofluoromethane
Concen: 50.436 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019813.D
Acq: 07 Oct 2024 16:36

Instrument :
MSVOA_Y
ClientSampleId :

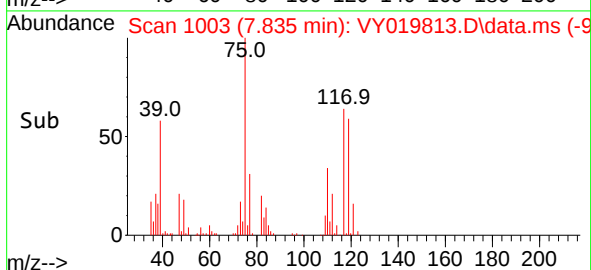
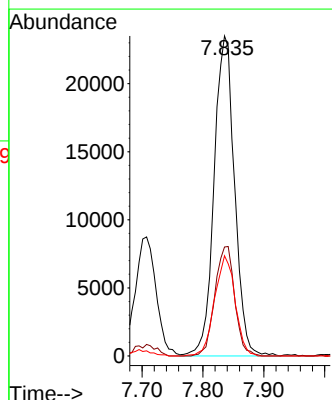
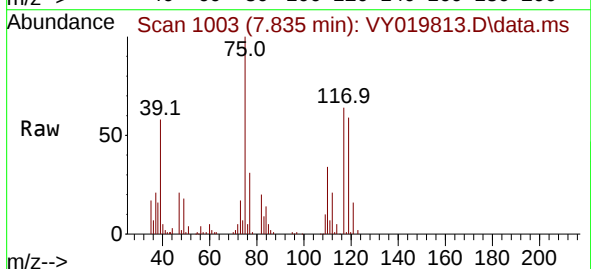


Tgt Ion:113 Resp: 114292
Ion Ratio Lower Upper
113 100
111 103.5 82.2 123.4
192 17.2 15.9 23.9



#36
1,1-Dichloropropene
Concen: 17.844 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY019813.D
Acq: 07 Oct 2024 16:36

Tgt Ion: 75 Resp: 55021
Ion Ratio Lower Upper
75 100
110 33.1 19.0 57.0
77 31.3 25.3 37.9





#37

Ethyl Acetate

Concen: 17.789 ug/l

RT: 6.976 min Scan# 80

Delta R.T. -0.006 min

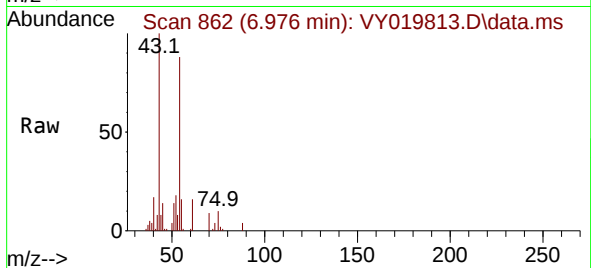
Lab File: VY019813.D

Acq: 07 Oct 2024 16:36

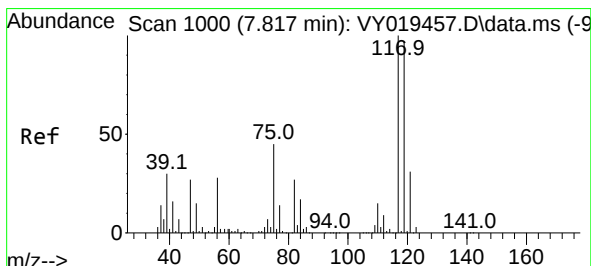
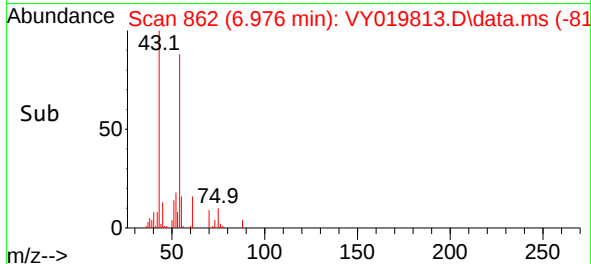
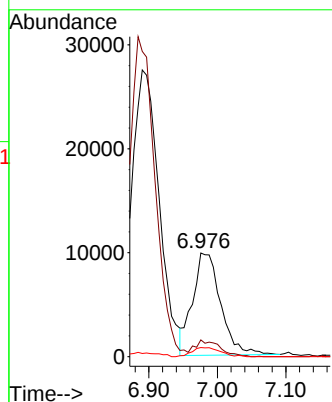
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 43	Resp:	28104
Ion	Ratio	Lower Upper
43	100	
61	14.3	12.6 19.0
70	9.0	7.8 11.8



#38

Carbon Tetrachloride

Concen: 19.043 ug/l

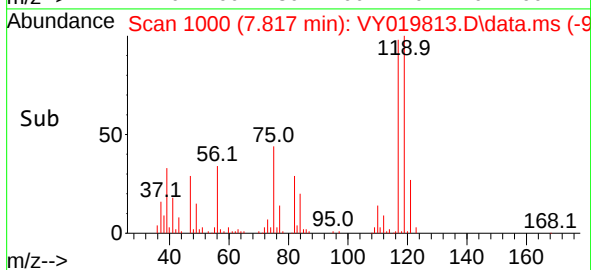
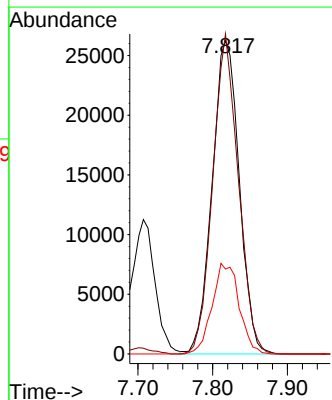
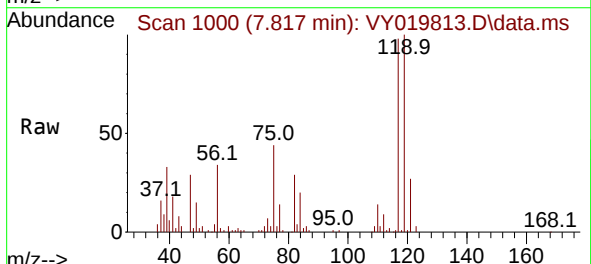
RT: 7.817 min Scan# 1000

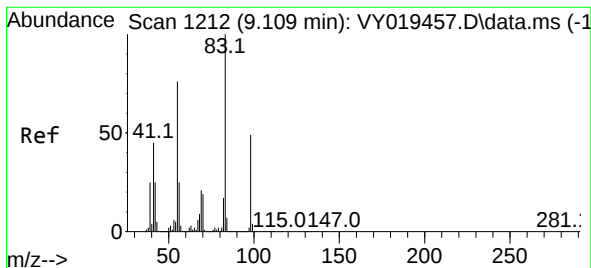
Delta R.T. 0.000 min

Lab File: VY019813.D

Acq: 07 Oct 2024 16:36

Tgt Ion: 117	Resp:	66216
Ion	Ratio	Lower Upper
117	100	
119	102.2	75.8 113.6
121	27.1	24.0 36.0





#39

Methylcyclohexane

Concen: 14.425 ug/l

RT: 9.110 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019813.D

Acq: 07 Oct 2024 16:36

Instrument :

MSVOA_Y

ClientSampleId :

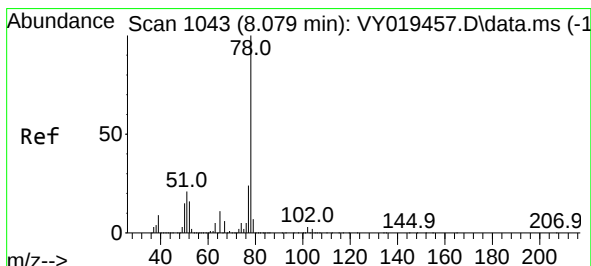
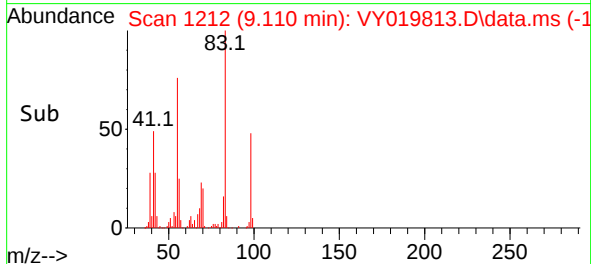
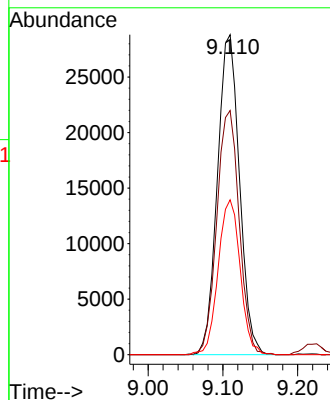
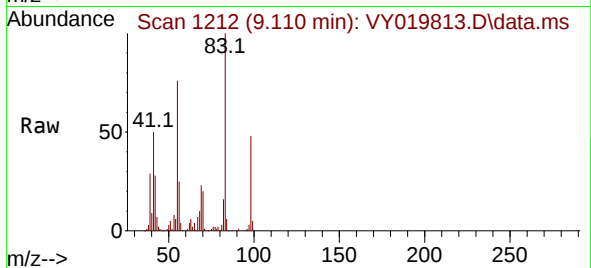
Tgt Ion: 83 Resp: 59193

Ion Ratio Lower Upper

83 100

55 76.3 51.5 77.3

98 48.4 40.5 60.7



#40

Benzene

Concen: 18.961 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VY019813.D

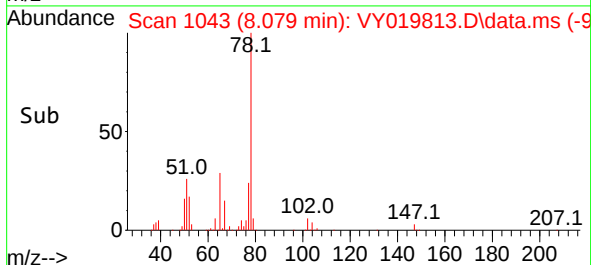
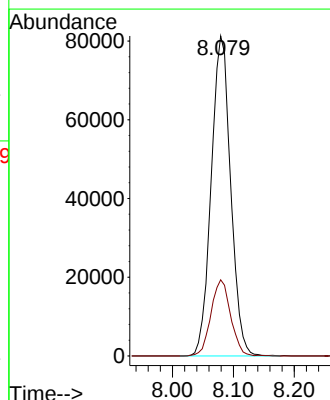
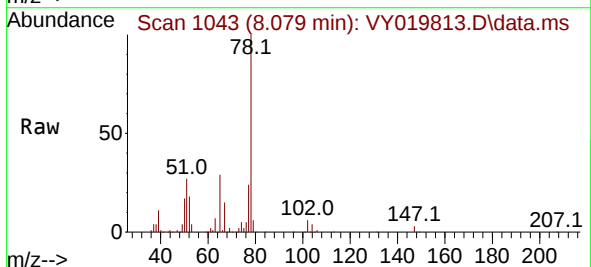
Acq: 07 Oct 2024 16:36

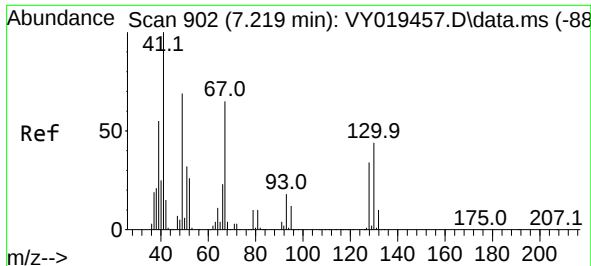
Tgt Ion: 78 Resp: 180080

Ion Ratio Lower Upper

78 100

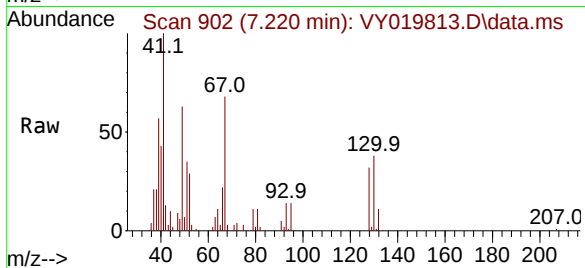
77 23.8 19.5 29.3



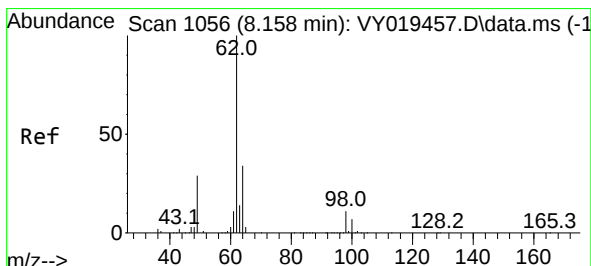
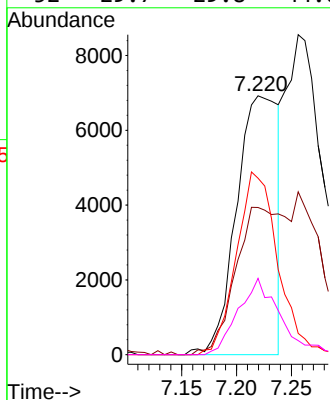
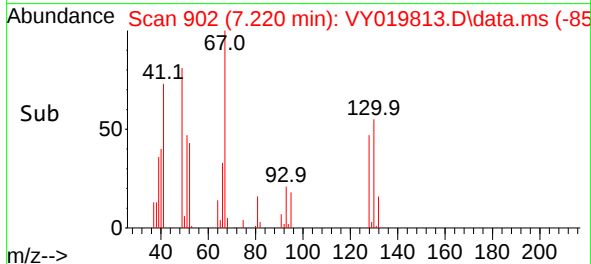


#41
Methacrylonitrile
Concen: 19.814 ug/l
RT: 7.220 min Scan# 902
Delta R.T. 0.000 min
Lab File: VY019813.D
Acq: 07 Oct 2024 16:36

Instrument :
MSVOA_Y
ClientSampleId :

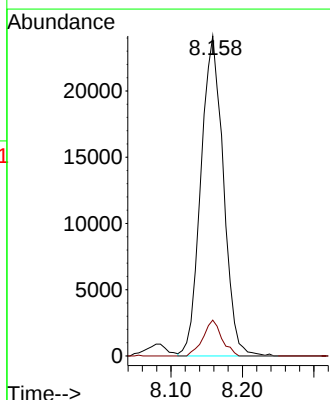
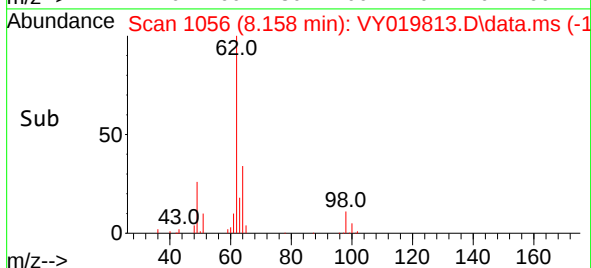
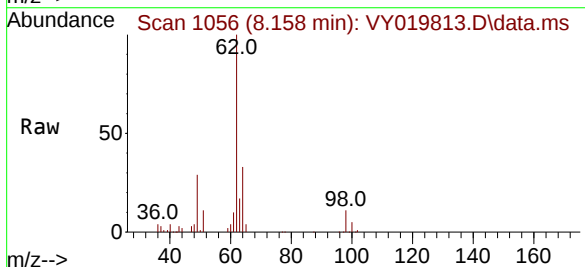


Tgt Ion: 41 Resp: 18248
Ion Ratio Lower Upper
41 100
39 65.0 48.0 72.0
67 70.4 75.1 112.7#
52 29.7 29.8 44.6#



#42
1,2-Dichloroethane
Concen: 20.620 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY019813.D
Acq: 07 Oct 2024 16:36

Tgt Ion: 62 Resp: 52696
Ion Ratio Lower Upper
62 100
98 9.3 0.0 22.0

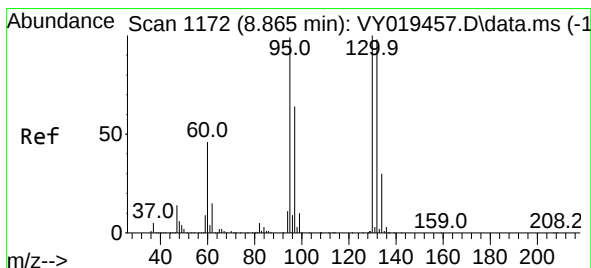
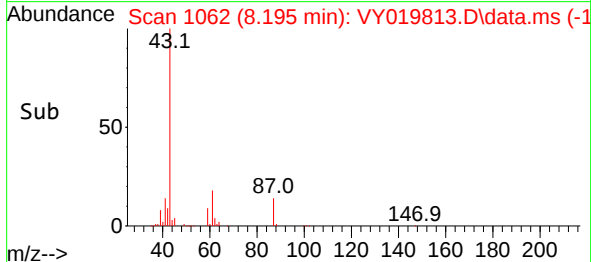
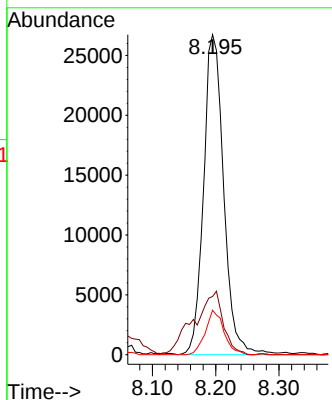
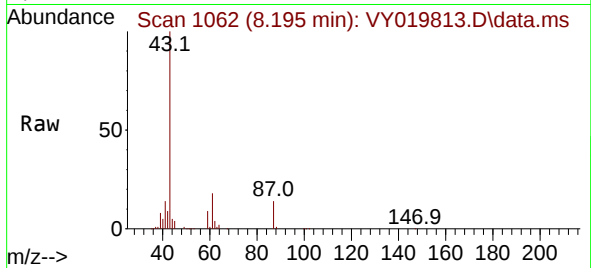




#43
Isopropyl Acetate
Concen: 17.822 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VY019813.D
Acq: 07 Oct 2024 16:36

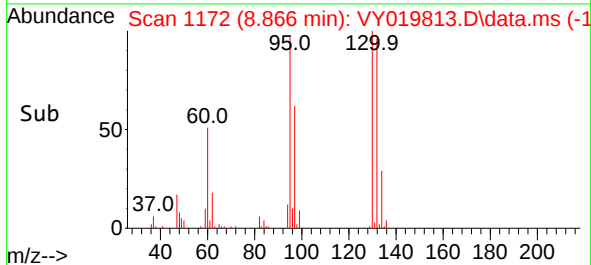
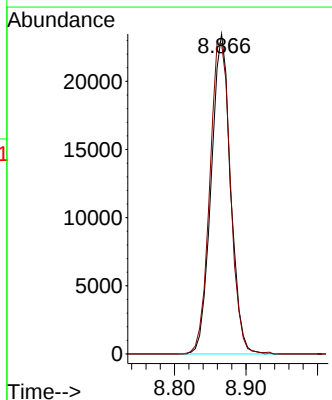
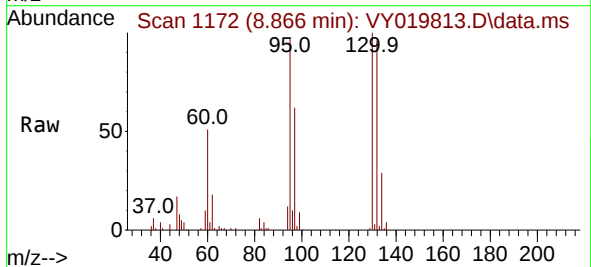
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 59155
Ion Ratio Lower Upper
43 100
61 29.0 27.9 41.9
87 12.9 13.1 19.7#



#44
Trichloroethene
Concen: 18.053 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY019813.D
Acq: 07 Oct 2024 16:36

Tgt Ion:130 Resp: 44094
Ion Ratio Lower Upper
130 100
95 97.0 0.0 188.0





#45

1,2-Dichloropropane

Concen: 21.471 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY019813.D

Acq: 07 Oct 2024 16:36

Instrument :

MSVOA_Y

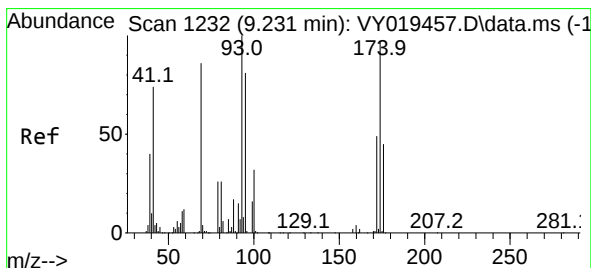
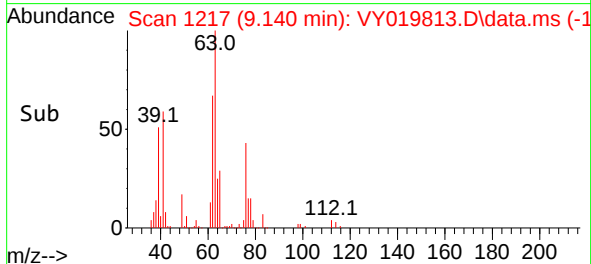
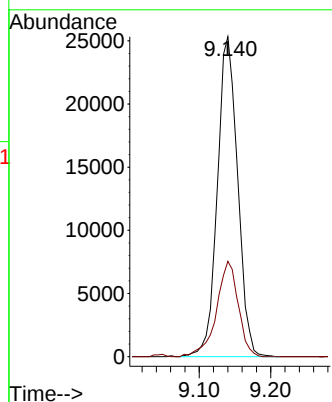
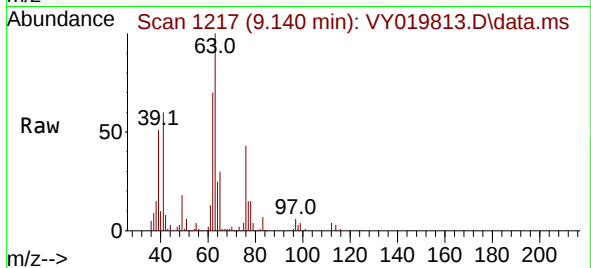
ClientSampleId :

Tgt Ion: 63 Resp: 49852

Ion Ratio Lower Upper

63 100

65 29.8 25.4 38.2



#46

Dibromomethane

Concen: 18.798 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY019813.D

Acq: 07 Oct 2024 16:36

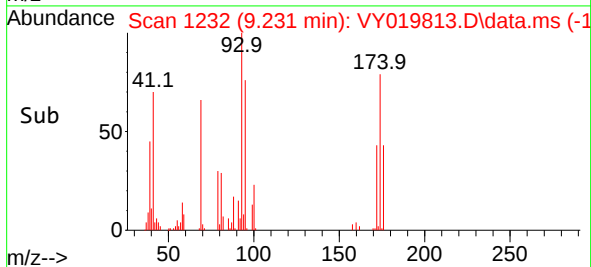
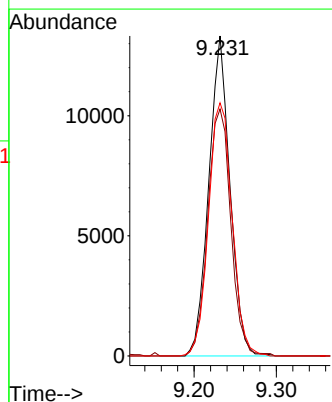
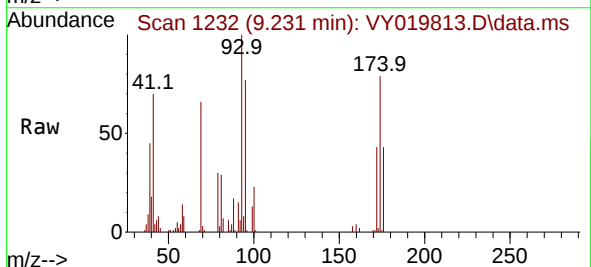
Tgt Ion: 93 Resp: 23868

Ion Ratio Lower Upper

93 100

95 84.1 66.2 99.4

174 88.2 80.9 121.3

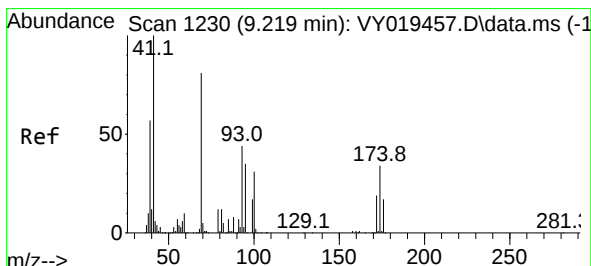
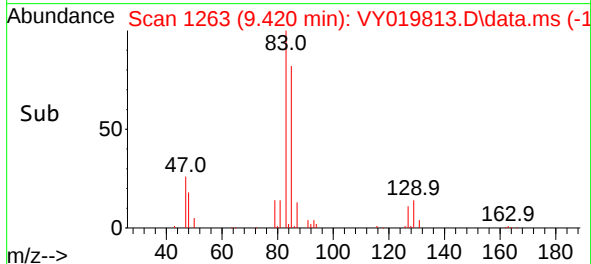
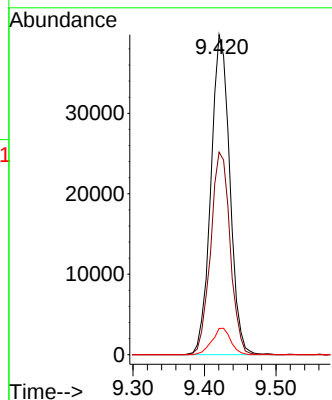
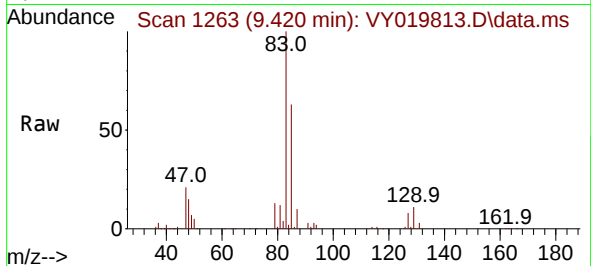




#47
Bromodichloromethane
Concen: 21.378 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. -0.006 min
Lab File: VY019813.D
Acq: 07 Oct 2024 16:36

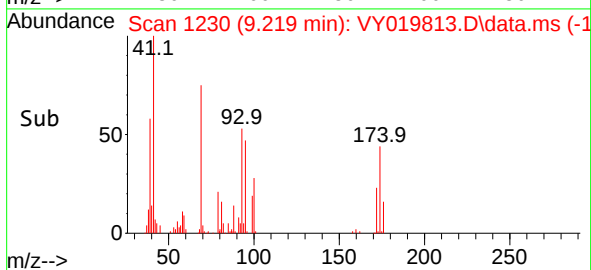
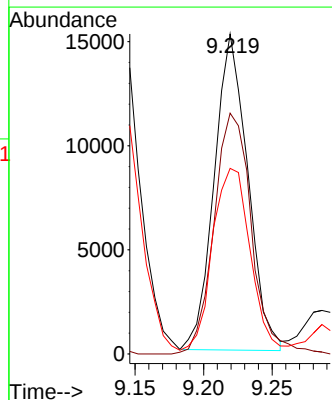
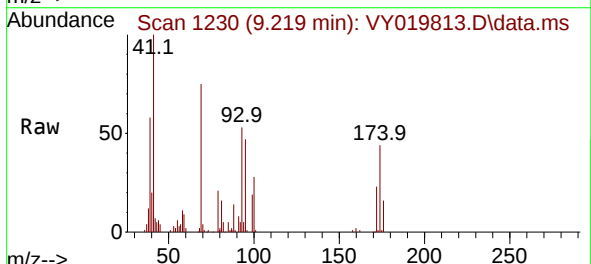
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 83 Resp: 72963
Ion Ratio Lower Upper
83 100
85 63.3 50.1 75.1
127 8.2 7.4 11.0



#48
Methyl methacrylate
Concen: 16.484 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY019813.D
Acq: 07 Oct 2024 16:36

Tgt Ion: 41 Resp: 25838
Ion Ratio Lower Upper
41 100
69 85.4 84.1 126.1
39 67.4 43.6 65.4#





#49

1,4-Dioxane

Concen: 336.118 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY019813.D

Acq: 07 Oct 2024 16:36

Instrument :

MSVOA_Y

ClientSampleId :

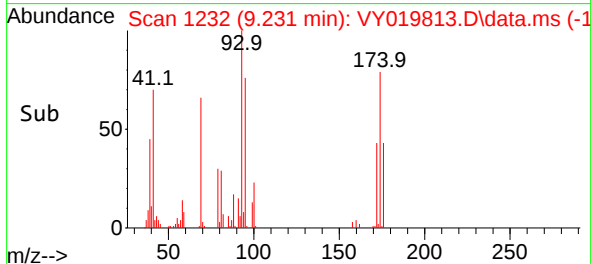
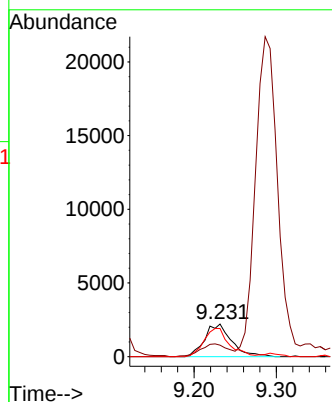
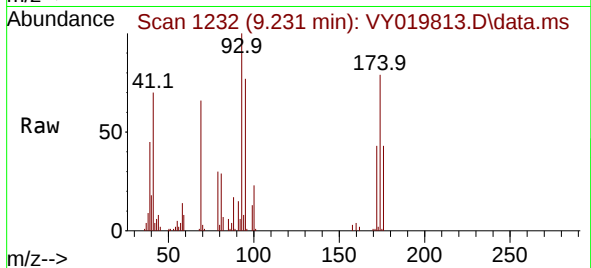
Tgt Ion: 88 Resp: 5024

Ion Ratio Lower Upper

88 100

43 40.3 0.0 0.0#

58 81.3 49.3 73.9#



#50

Toluene-d8

Concen: 50.024 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY019813.D

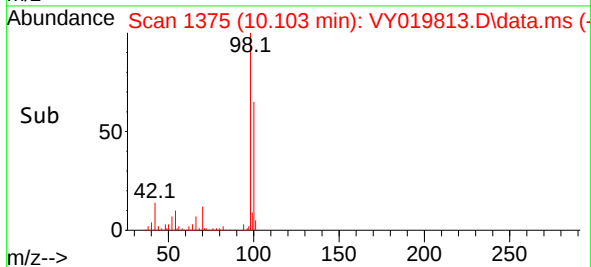
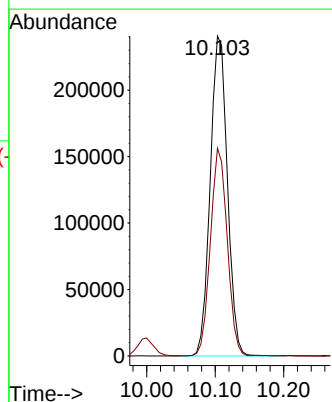
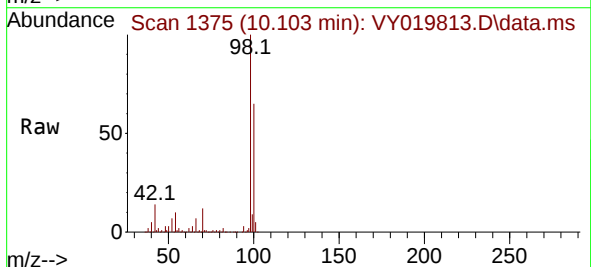
Acq: 07 Oct 2024 16:36

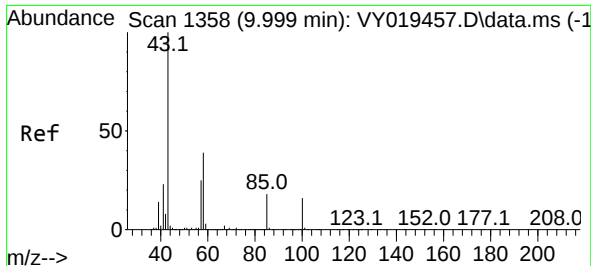
Tgt Ion: 98 Resp: 419286

Ion Ratio Lower Upper

98 100

100 63.8 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 91.644 ug/l

RT: 10.000 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019813.D

Acq: 07 Oct 2024 16:36

Instrument :

MSVOA_Y

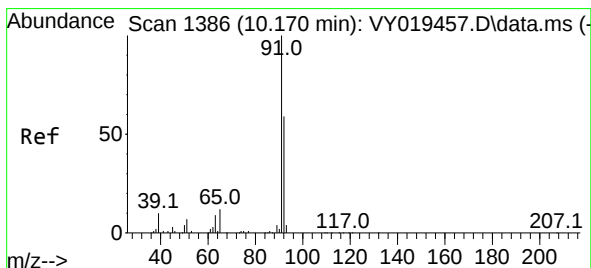
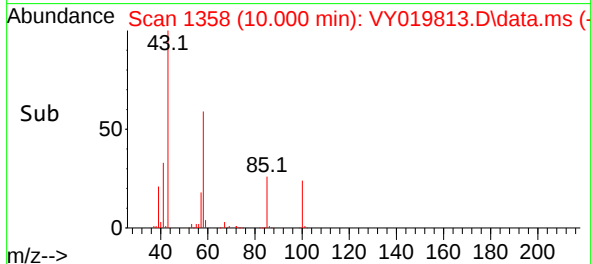
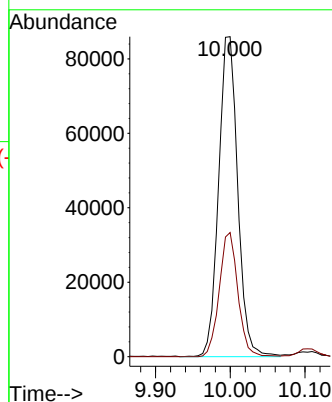
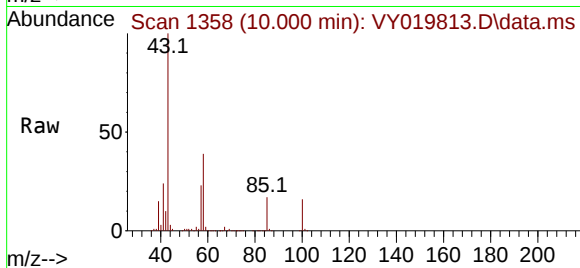
ClientSampleId :

Tgt Ion: 43 Resp: 153034

Ion Ratio Lower Upper

43 100

58 37.9 35.7 53.5



#52

Toluene

Concen: 19.013 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VY019813.D

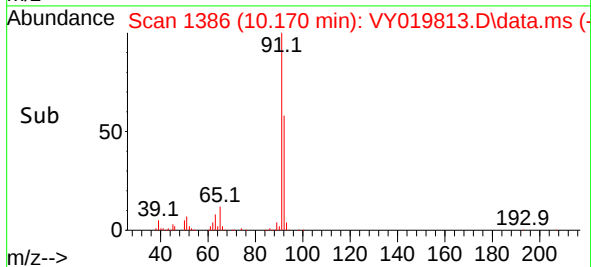
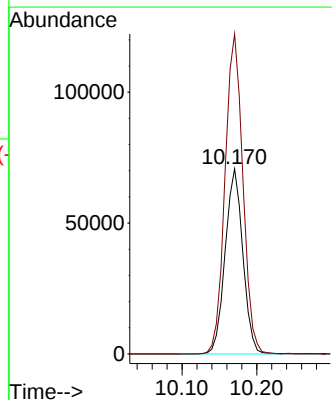
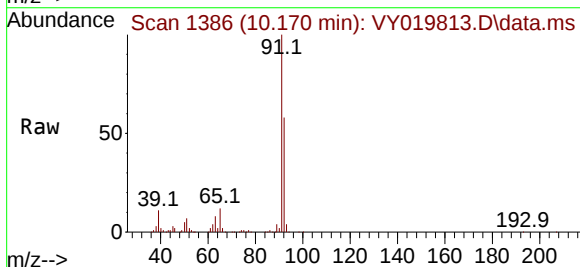
Acq: 07 Oct 2024 16:36

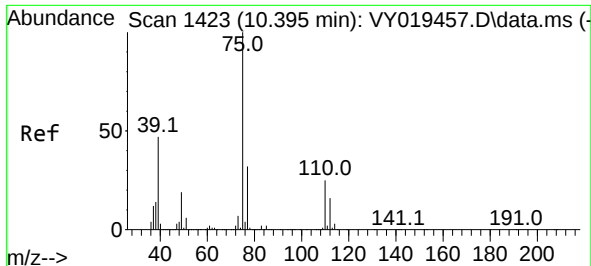
Tgt Ion: 92 Resp: 116132

Ion Ratio Lower Upper

92 100

91 174.7 139.0 208.6





#53

t-1,3-Dichloropropene

Concen: 18.096 ug/l

RT: 10.396 min Scan# 1423

Delta R.T. 0.000 min

Lab File: VY019813.D

Acq: 07 Oct 2024 16:36

Instrument :

MSVOA_Y

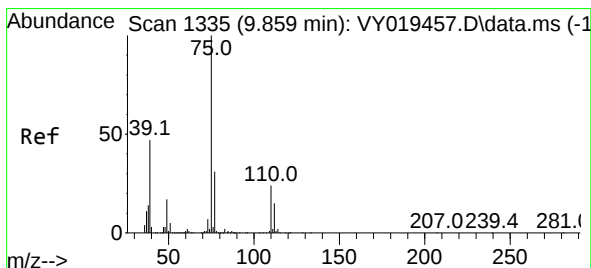
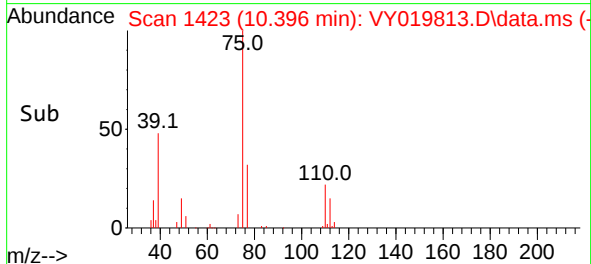
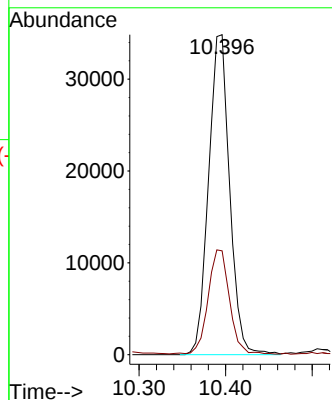
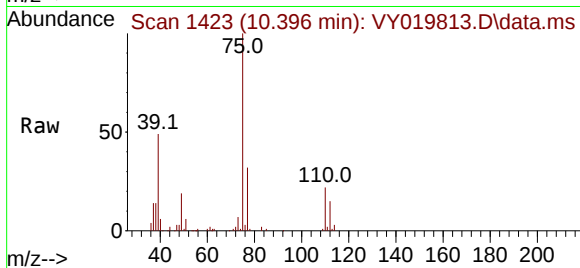
ClientSampleId :

Tgt Ion: 75 Resp: 58875

Ion Ratio Lower Upper

75 100

77 32.2 24.1 36.1



#54

cis-1,3-Dichloropropene

Concen: 18.887 ug/l

RT: 9.853 min Scan# 1334

Delta R.T. -0.006 min

Lab File: VY019813.D

Acq: 07 Oct 2024 16:36

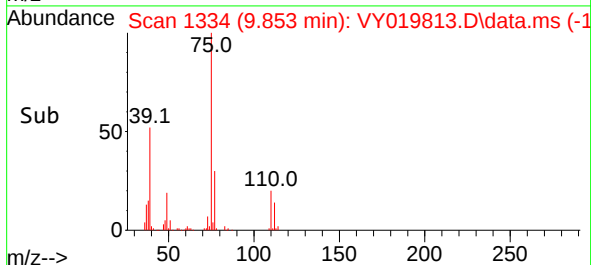
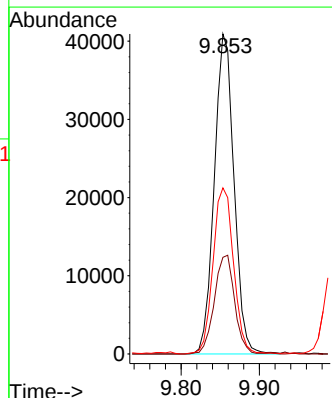
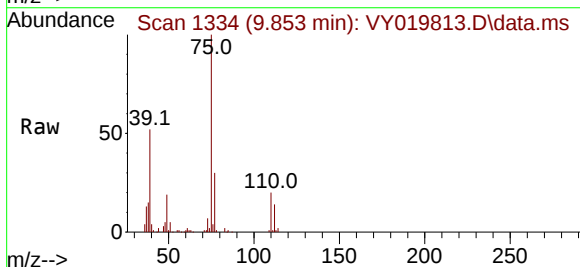
Tgt Ion: 75 Resp: 71552

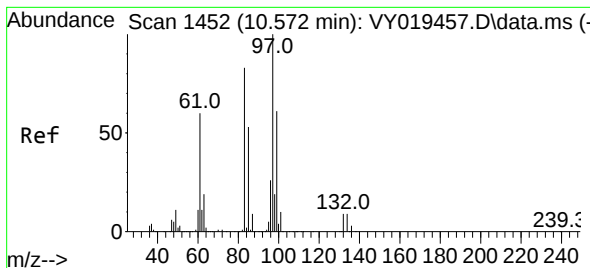
Ion Ratio Lower Upper

75 100

77 30.2 25.4 38.0

39 51.9 29.8 44.6#





#55

1,1,2-Trichloroethane

Concen: 20.071 ug/l

RT: 10.573 min Scan# 1452

Delta R.T. 0.000 min

Lab File: VY019813.D

Acq: 07 Oct 2024 16:36

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 35192

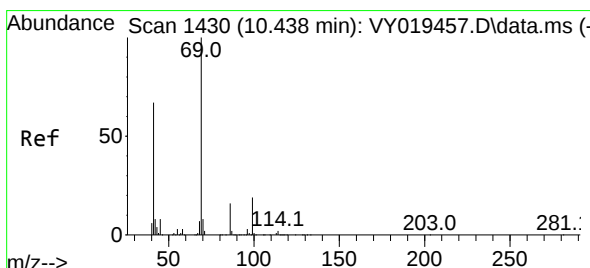
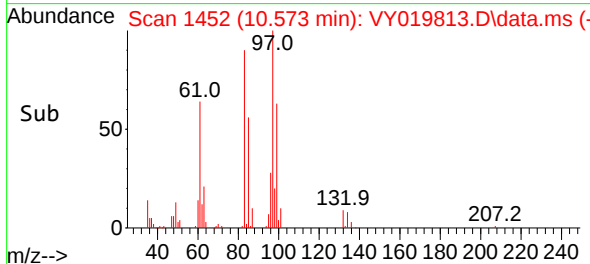
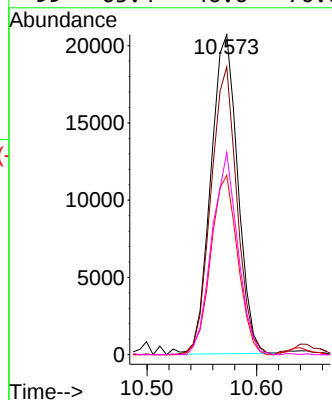
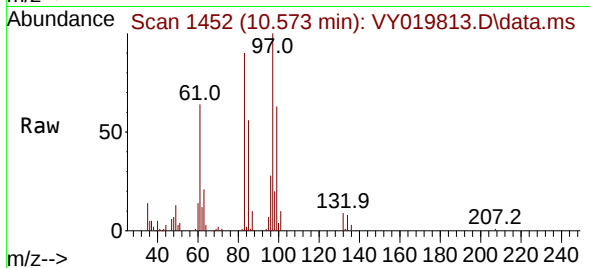
Ion Ratio Lower Upper

97 100

83 90.0 67.5 101.3

85 56.3 42.9 64.3

99 63.4 46.6 70.0



#56

Ethyl methacrylate

Concen: 16.849 ug/l

RT: 10.439 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VY019813.D

Acq: 07 Oct 2024 16:36

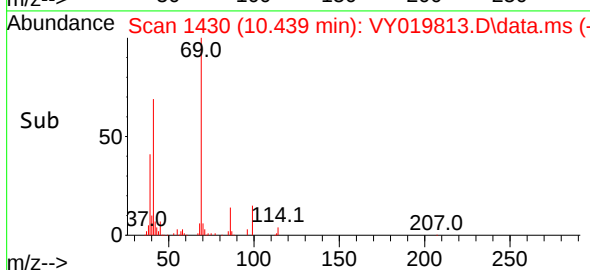
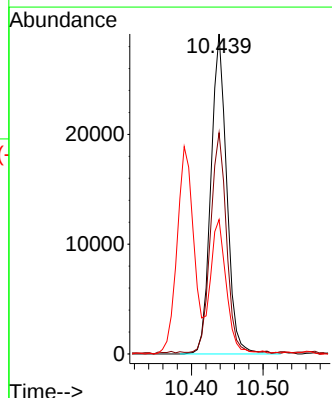
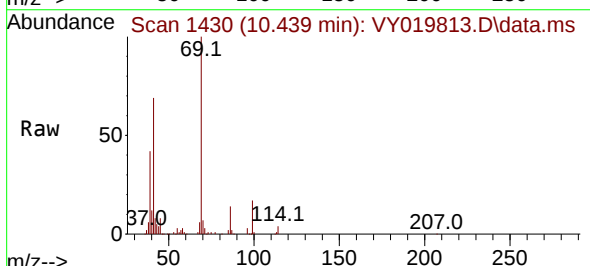
Tgt Ion: 69 Resp: 44878

Ion Ratio Lower Upper

69 100

41 69.7 42.3 63.5#

39 40.9 22.9 34.3#





#57

1,3-Dichloropropane

Concen: 19.689 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY019813.D

Acq: 07 Oct 2024 16:36

Instrument :

MSVOA_Y

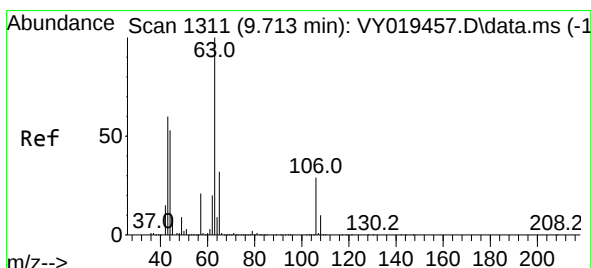
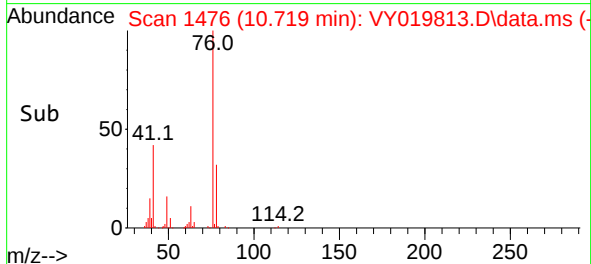
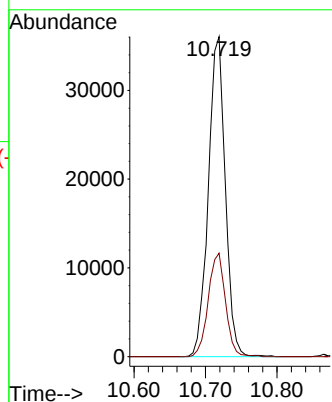
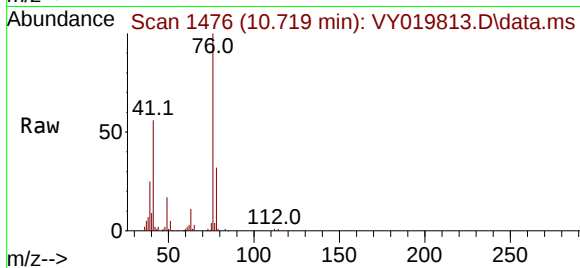
ClientSampleId :

Tgt Ion: 76 Resp: 59341

Ion Ratio Lower Upper

76 100

78 32.9 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 85.085 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. -0.006 min

Lab File: VY019813.D

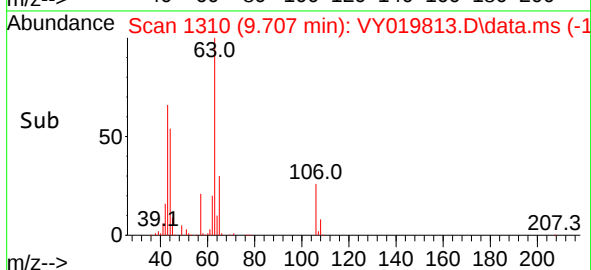
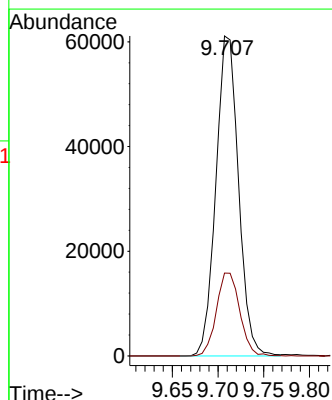
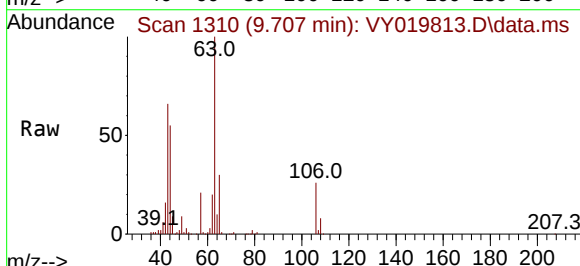
Acq: 07 Oct 2024 16:36

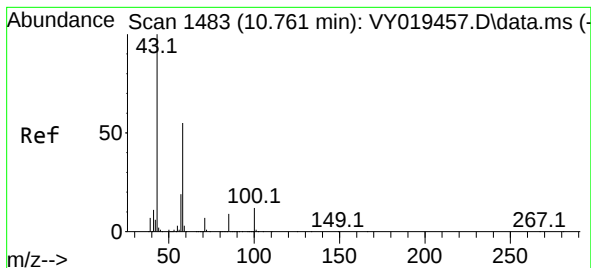
Tgt Ion: 63 Resp: 105184

Ion Ratio Lower Upper

63 100

106 26.8 23.7 35.5

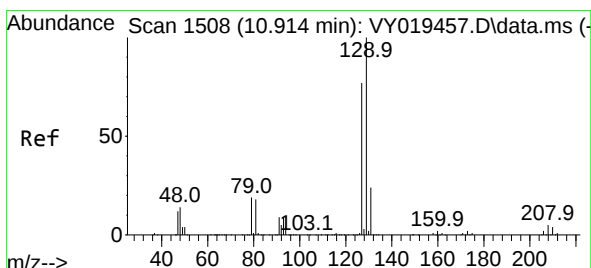
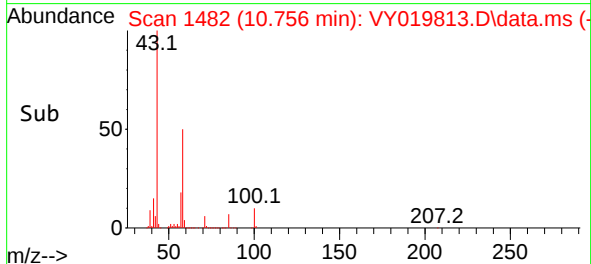
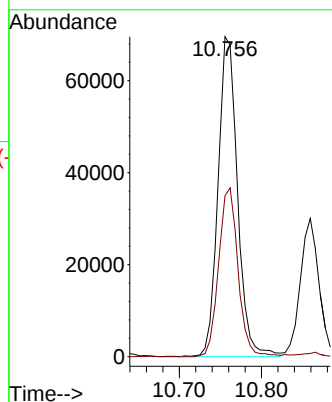
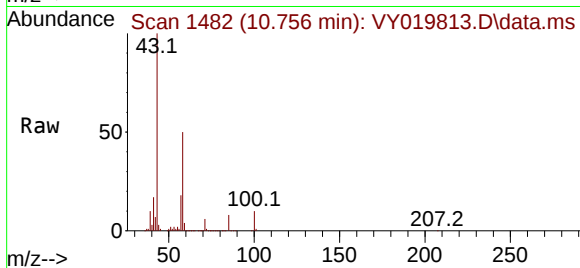




#59
2-Hexanone
Concen: 93.685 ug/l
RT: 10.756 min Scan# 1482
Delta R.T. -0.006 min
Lab File: VY019813.D
Acq: 07 Oct 2024 16:36

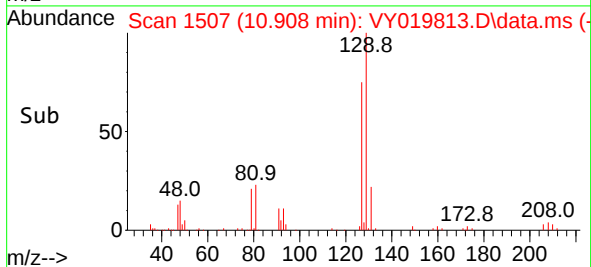
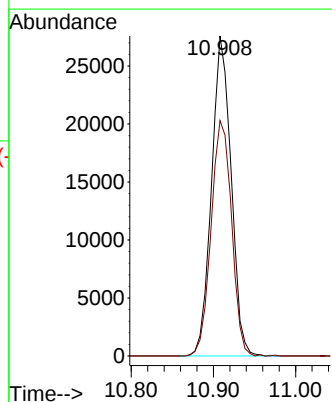
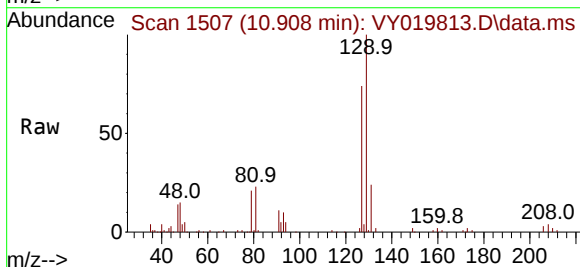
Instrument :
MSVOA_Y
ClientSampleId :

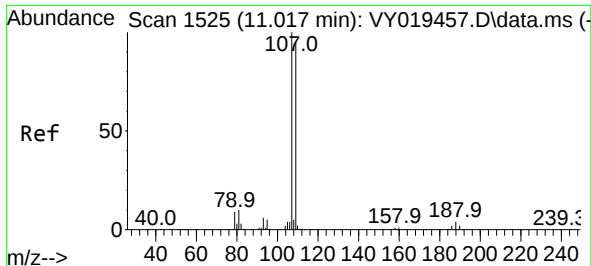
Tgt Ion: 43 Resp: 114693
Ion Ratio Lower Upper
43 100
58 52.4 31.4 94.0



#60
Dibromochloromethane
Concen: 19.653 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.006 min
Lab File: VY019813.D
Acq: 07 Oct 2024 16:36

Tgt Ion: 129 Resp: 45583
Ion Ratio Lower Upper
129 100
127 76.9 39.0 117.0

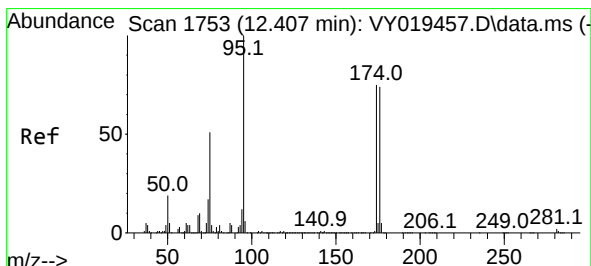
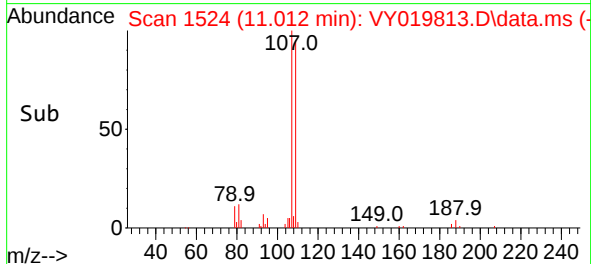
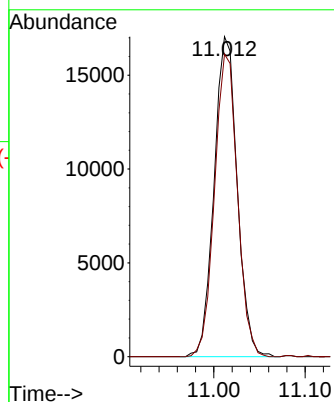
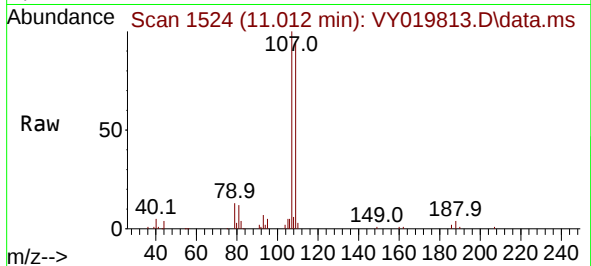




#61
1,2-Dibromoethane
Concen: 18.309 ug/l
RT: 11.012 min Scan# 1524
Delta R.T. -0.006 min
Lab File: VY019813.D
Acq: 07 Oct 2024 16:36

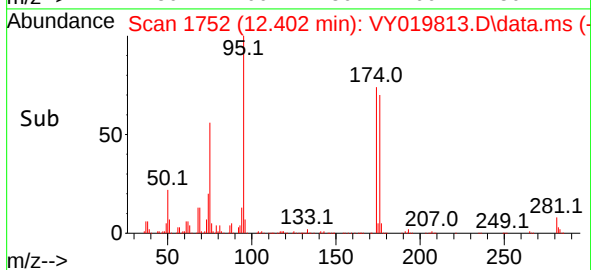
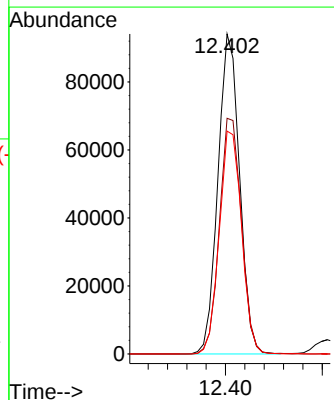
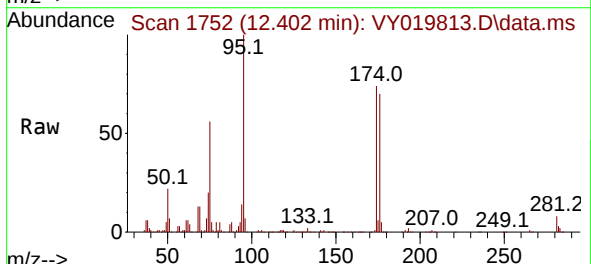
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:107 Resp: 29912
Ion Ratio Lower Upper
107 100
109 93.9 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 45.267 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY019813.D
Acq: 07 Oct 2024 16:36

Tgt Ion: 95 Resp: 145886
Ion Ratio Lower Upper
95 100
174 75.2 0.0 175.6
176 71.7 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: VY019813.D

Acq: 07 Oct 2024 16:36

Instrument :

MSVOA_Y

ClientSampleId :

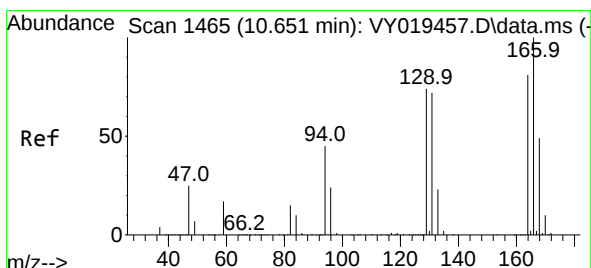
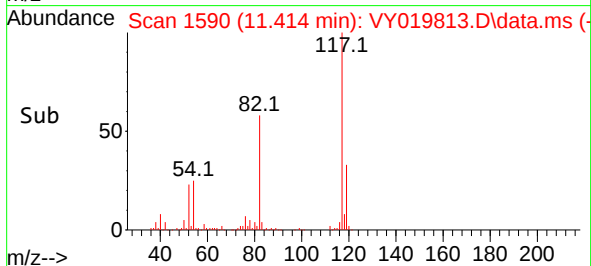
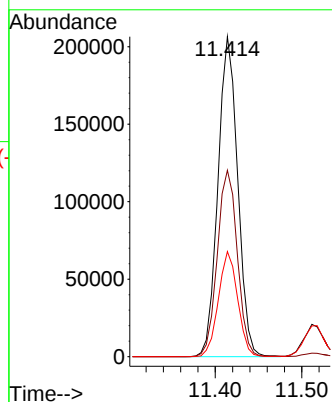
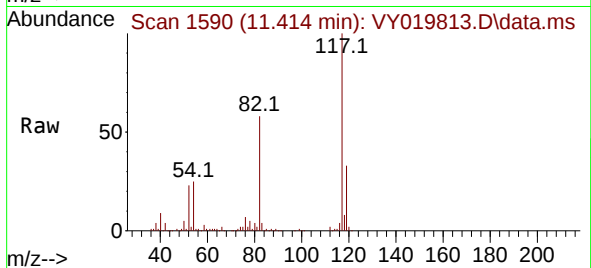
Tgt Ion:117 Resp: 327023

Ion Ratio Lower Upper

117 100

82 58.2 42.4 63.6

119 32.9 25.9 38.9



#64

Tetrachloroethene

Concen: 17.973 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VY019813.D

Acq: 07 Oct 2024 16:36

Tgt Ion:164 Resp: 36397

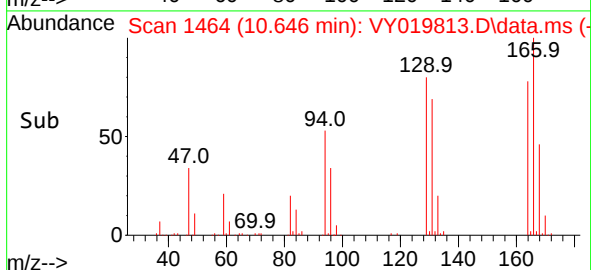
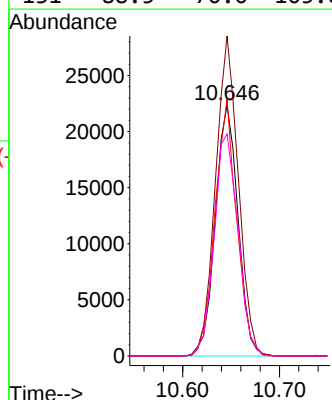
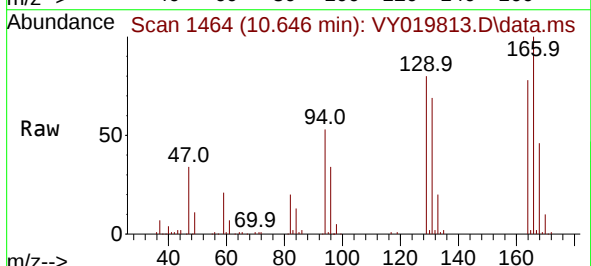
Ion Ratio Lower Upper

164 100

166 127.6 102.6 154.0

129 102.5 72.0 108.0

131 88.5 70.0 105.0





#65

Chlorobenzene

Concen: 20.957 ug/l

RT: 11.438 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY019813.D

Acq: 07 Oct 2024 16:36

Instrument :

MSVOA_Y

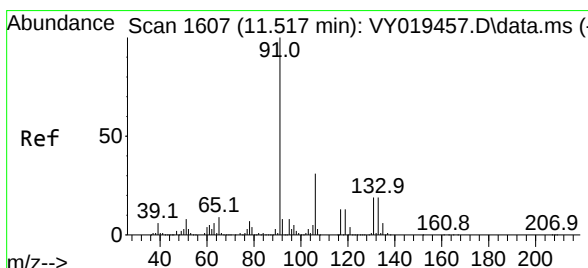
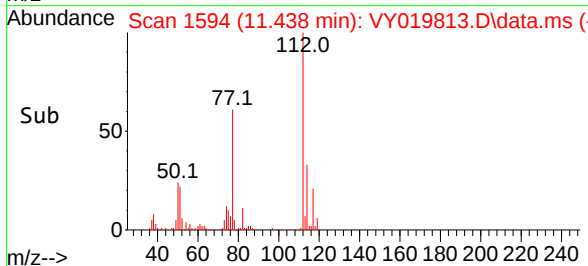
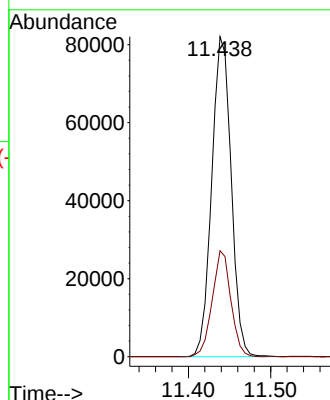
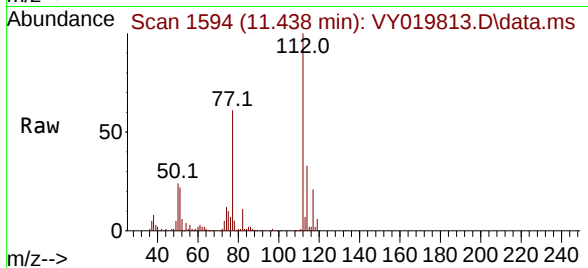
ClientSampleId :

Tgt Ion:112 Resp: 134813

Ion Ratio Lower Upper

112 100

114 33.1 26.4 39.6



#66

1,1,1,2-Tetrachloroethane

Concen: 21.313 ug/l

RT: 11.512 min Scan# 1606

Delta R.T. -0.006 min

Lab File: VY019813.D

Acq: 07 Oct 2024 16:36

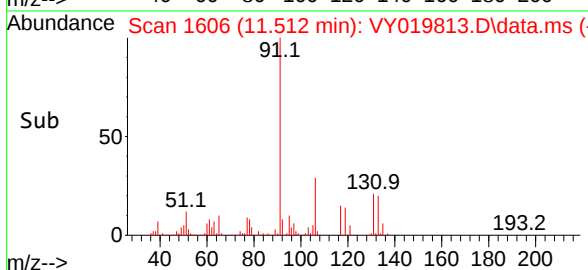
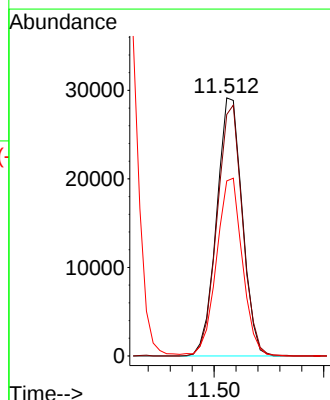
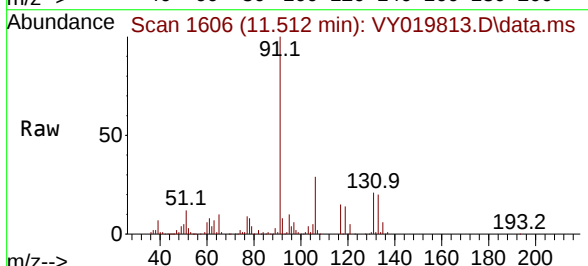
Tgt Ion:131 Resp: 47469

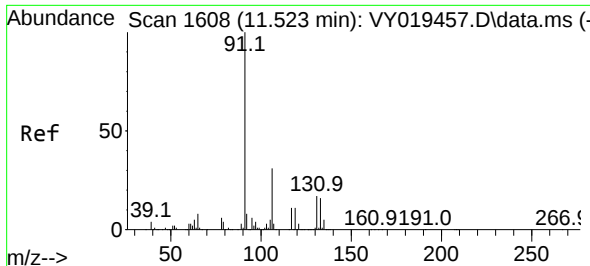
Ion Ratio Lower Upper

131 100

133 96.3 47.8 143.3

119 69.5 34.1 102.2





#67

Ethyl Benzene

Concen: 20.932 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. -0.006 min

Lab File: VY019813.D

Acq: 07 Oct 2024 16:36

Instrument :

MSVOA_Y

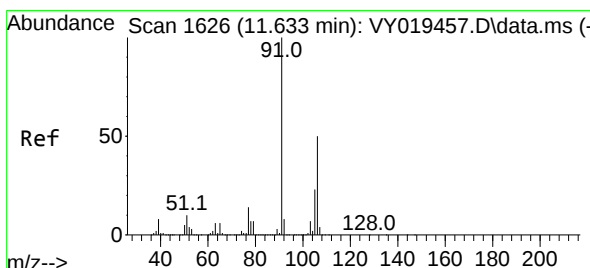
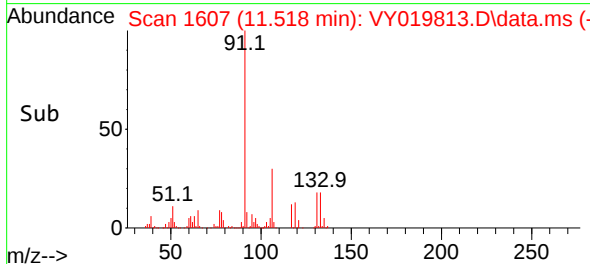
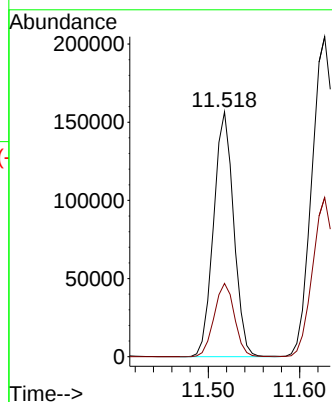
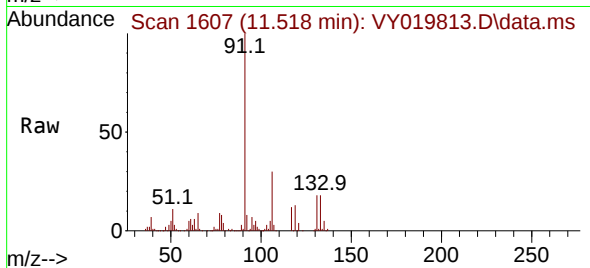
ClientSampleId :

Tgt Ion: 91 Resp: 239246

Ion Ratio Lower Upper

91 100

106 29.9 24.5 36.7



#68

m/p-Xylenes

Concen: 40.297 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY019813.D

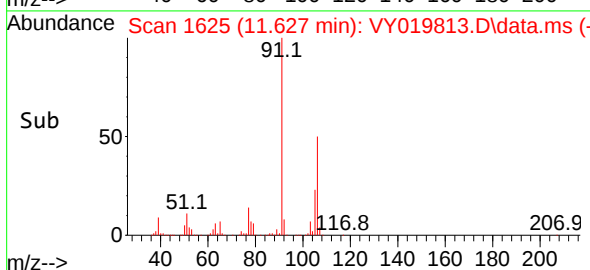
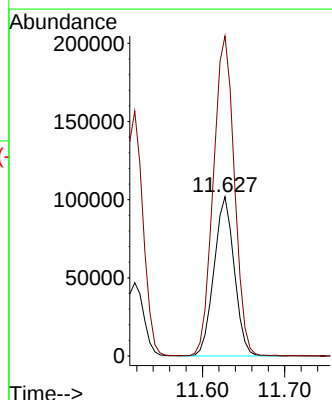
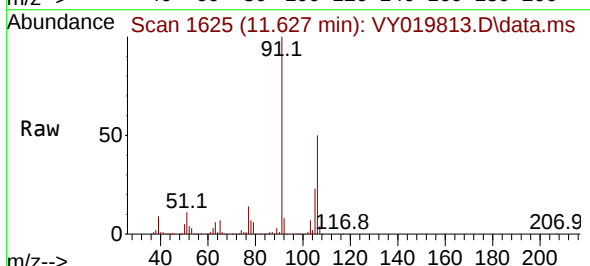
Acq: 07 Oct 2024 16:36

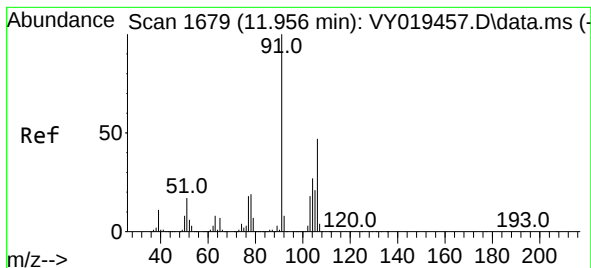
Tgt Ion: 106 Resp: 174161

Ion Ratio Lower Upper

106 100

91 208.8 156.0 234.0





#69

o-Xylene

Concen: 20.578 ug/l

RT: 11.950 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY019813.D

Acq: 07 Oct 2024 16:36

Instrument :

MSVOA_Y

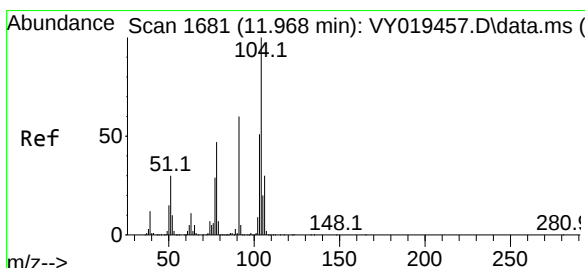
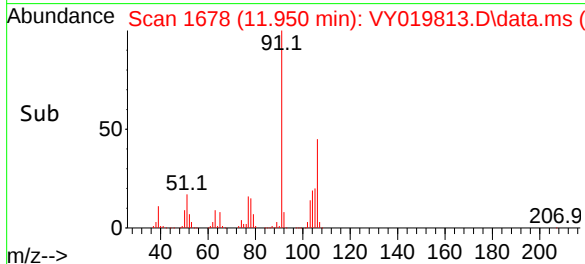
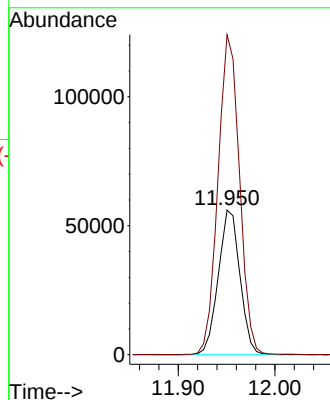
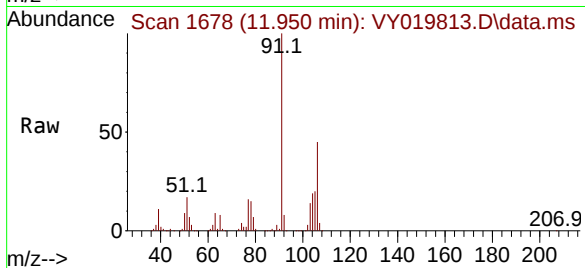
ClientSampleId :

Tgt Ion:106 Resp: 86975

Ion Ratio Lower Upper

106 100

91 220.2 103.6 310.8



#70

Styrene

Concen: 20.514 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. 0.000 min

Lab File: VY019813.D

Acq: 07 Oct 2024 16:36

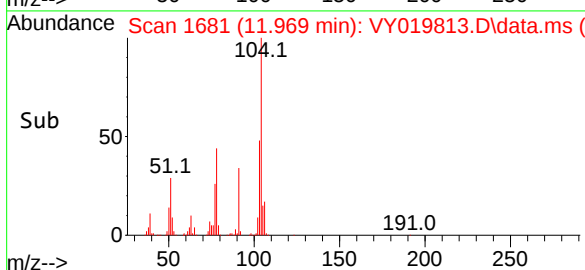
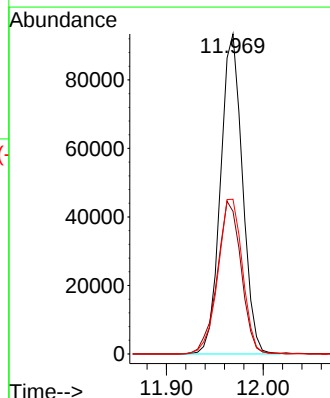
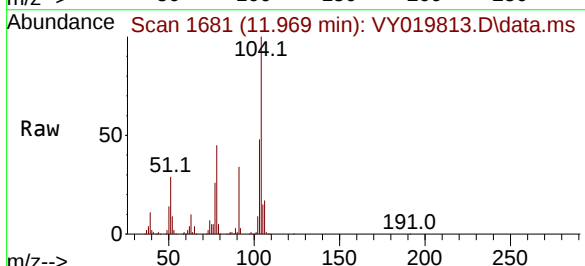
Tgt Ion:104 Resp: 146392

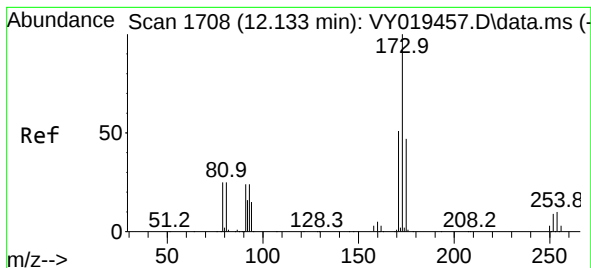
Ion Ratio Lower Upper

104 100

78 52.4 37.0 55.4

103 54.3 44.2 66.2





#71

Bromoform

Concen: 18.388 ug/l

RT: 12.127 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY019813.D

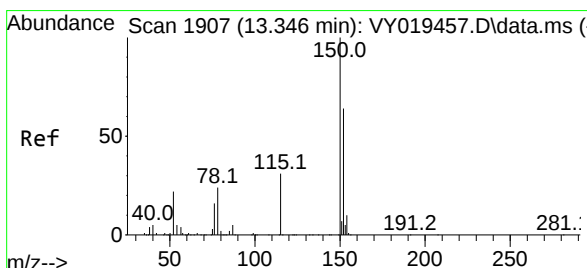
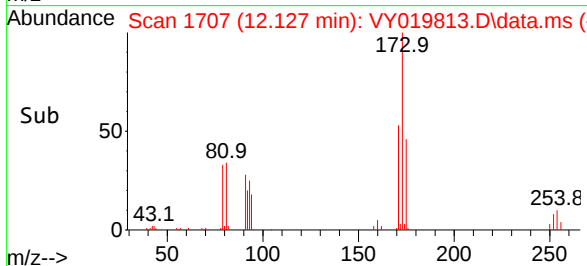
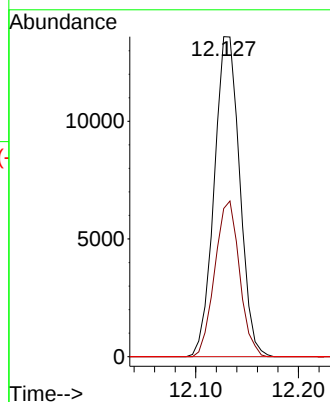
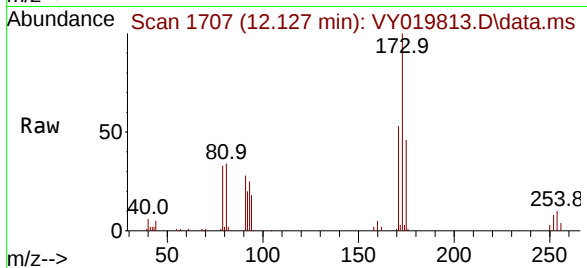
Acq: 07 Oct 2024 16:36

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:173	Resp:	23392
Ion Ratio	Lower	Upper
173	100	
175	47.1	25.1 75.3
254	0.0	0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

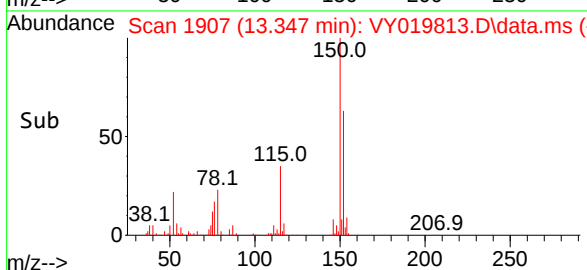
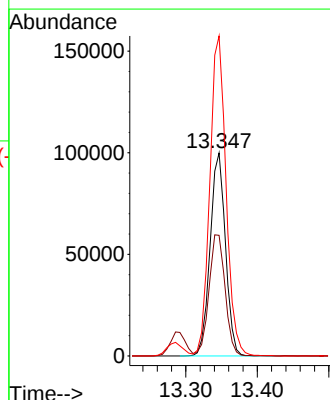
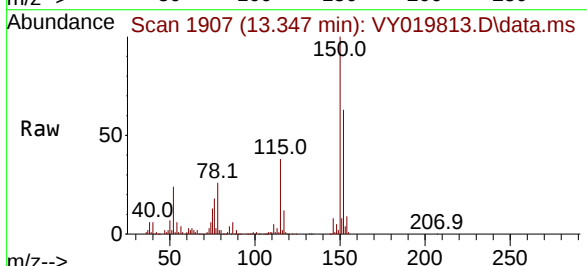
RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY019813.D

Acq: 07 Oct 2024 16:36

Tgt Ion:152	Resp:	149040
Ion Ratio	Lower	Upper
152	100	
115	62.8	28.2 84.7
150	166.4	0.0 345.6





#73

Isopropylbenzene

Concen: 22.441 ug/l

RT: 12.255 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019813.D

Acq: 07 Oct 2024 16:36

Instrument :

MSVOA_Y

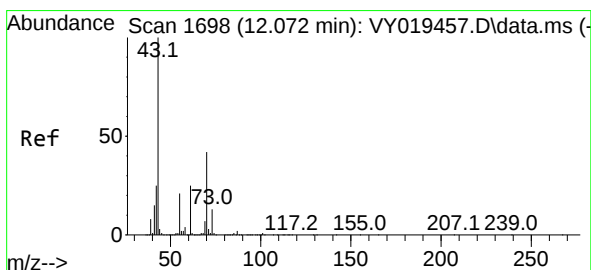
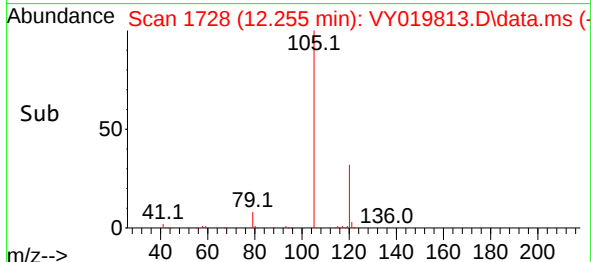
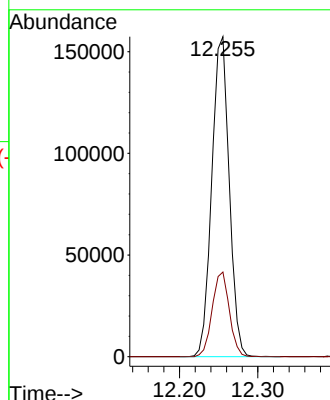
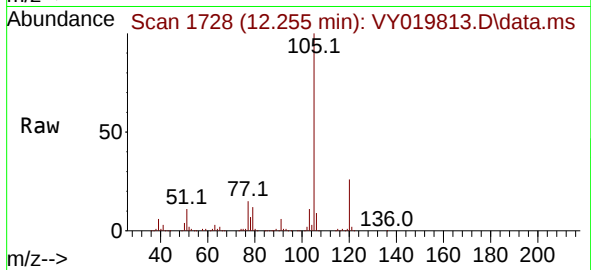
ClientSampleId :

Tgt Ion:105 Resp: 242640

Ion Ratio Lower Upper

105 100

120 26.0 13.4 40.1



#74

N-ethyl acetate

Concen: 17.449 ug/l

RT: 12.066 min Scan# 1697

Delta R.T. -0.006 min

Lab File: VY019813.D

Acq: 07 Oct 2024 16:36

Tgt Ion: 43 Resp: 51310

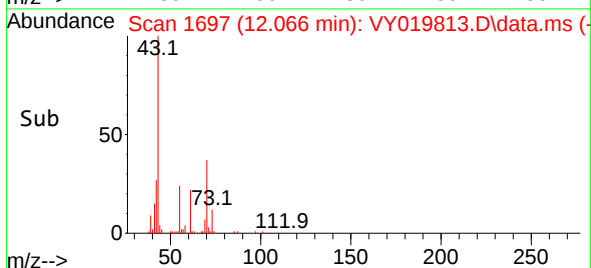
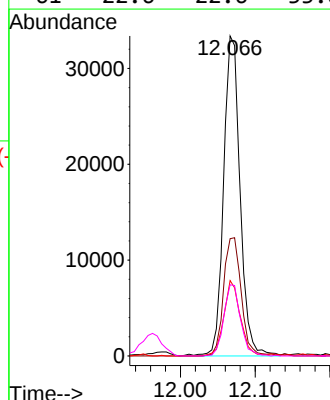
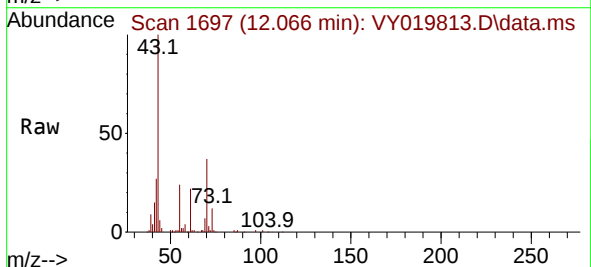
Ion Ratio Lower Upper

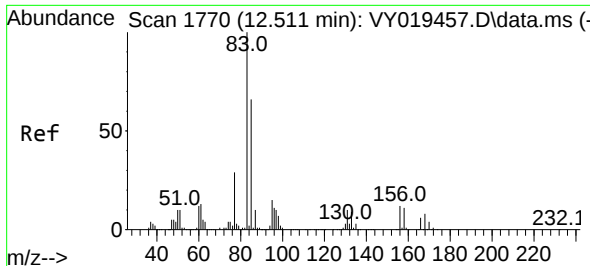
43 100

70 39.6 41.4 62.2#

55 23.6 23.3 34.9

61 22.6 22.6 33.8

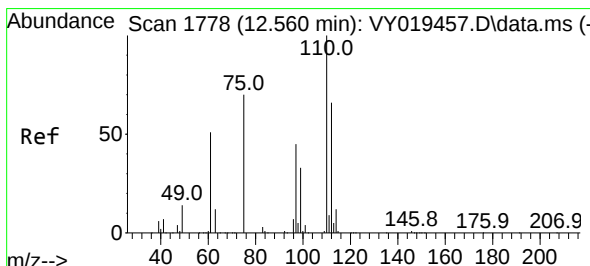
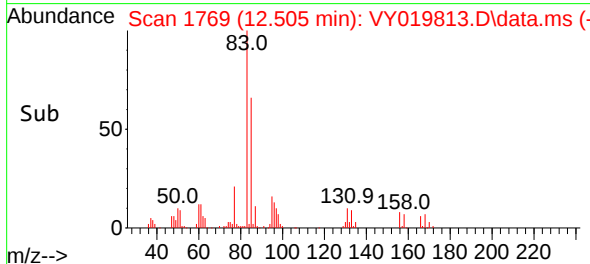
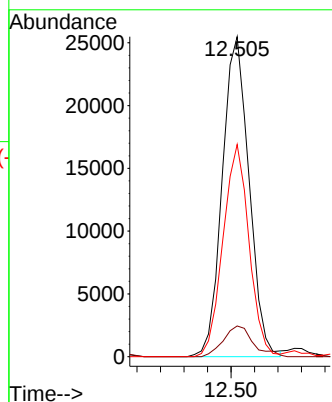
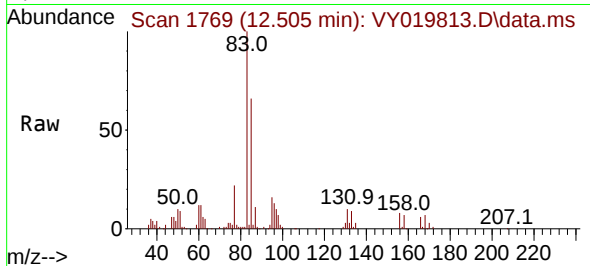




#75
 1,1,2,2-Tetrachloroethane
 Concen: 21.006 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. -0.006 min
 Lab File: VY019813.D
 Acq: 07 Oct 2024 16:36

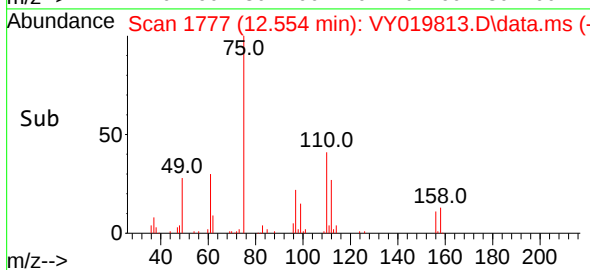
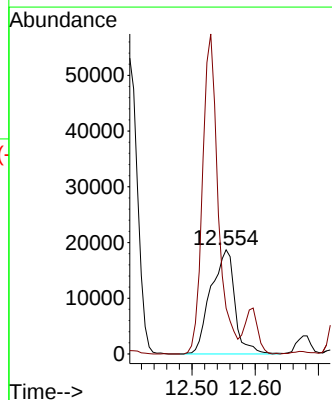
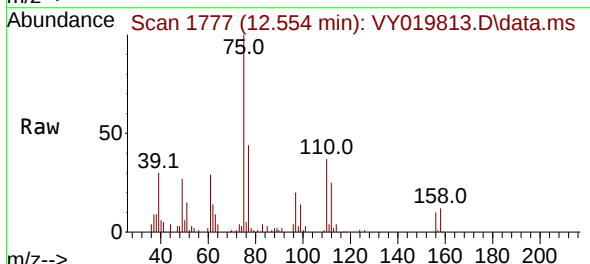
Instrument :
 MSVOA_Y
 ClientSampleId :

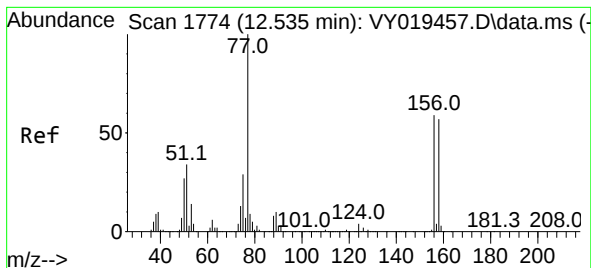
Tgt Ion: 83 Resp: 40313
 Ion Ratio Lower Upper
 83 100
 131 10.6 5.0 14.9
 85 64.4 32.0 96.0



#76
 1,2,3-Trichloropropane
 Concen: 35.377 ug/l
 RT: 12.554 min Scan# 1777
 Delta R.T. -0.006 min
 Lab File: VY019813.D
 Acq: 07 Oct 2024 16:36

Tgt Ion: 75 Resp: 49420
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.566 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. -0.006 min

Lab File: VY019813.D

Acq: 07 Oct 2024 16:36

Instrument :

MSVOA_Y

ClientSampleId :

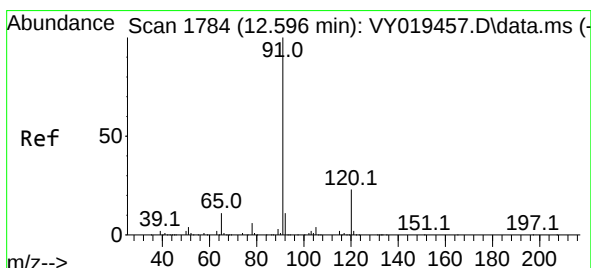
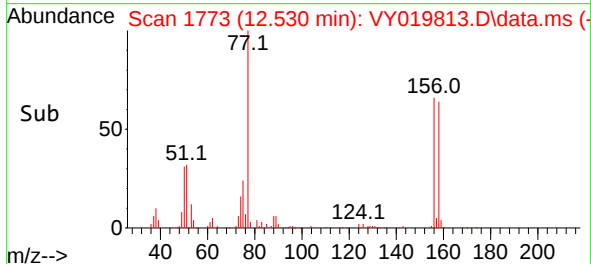
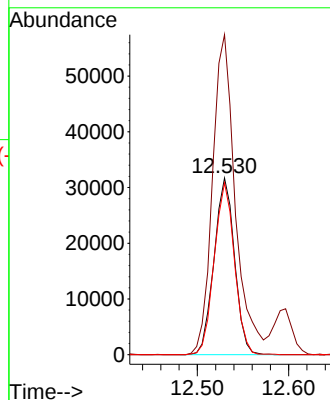
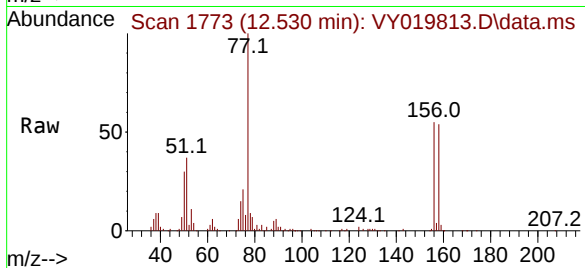
Tgt Ion:156 Resp: 49319

Ion Ratio Lower Upper

156 100

77 201.4 87.1 261.3

158 96.5 48.6 145.9



#78

n-propylbenzene

Concen: 22.659 ug/l

RT: 12.591 min Scan# 1783

Delta R.T. -0.006 min

Lab File: VY019813.D

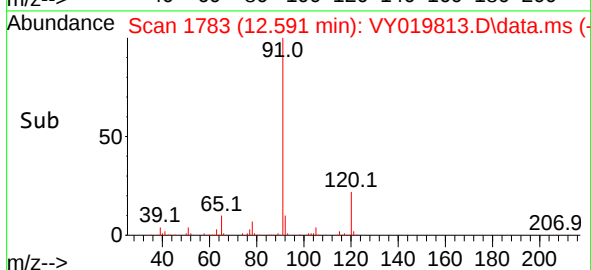
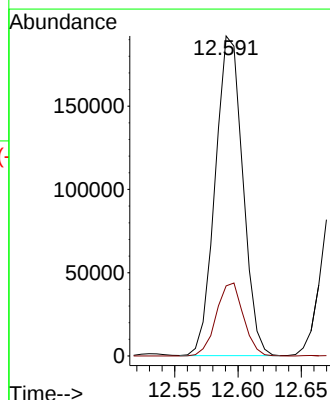
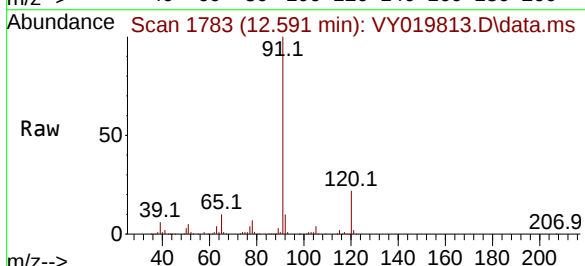
Acq: 07 Oct 2024 16:36

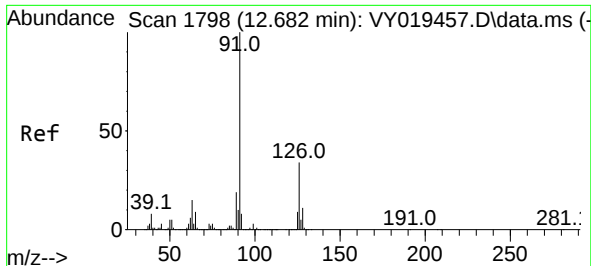
Tgt Ion: 91 Resp: 290385

Ion Ratio Lower Upper

91 100

120 22.5 11.5 34.4

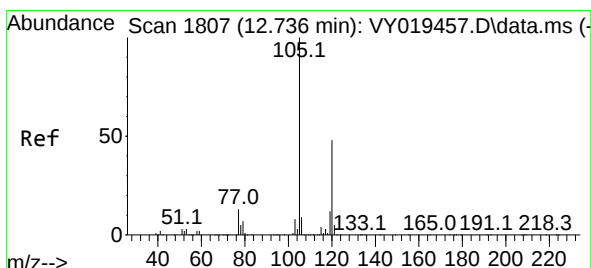
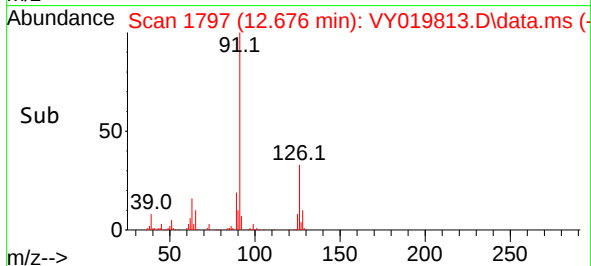
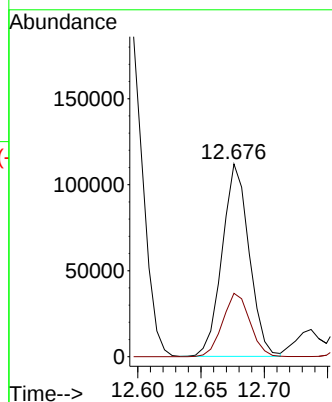
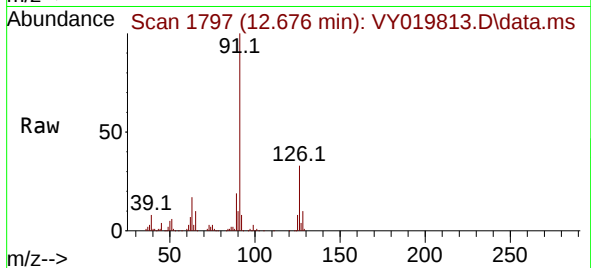




#79
2-Chlorotoluene
Concen: 22.262 ug/l
RT: 12.676 min Scan# 1797
Delta R.T. -0.006 min
Lab File: VY019813.D
Acq: 07 Oct 2024 16:36

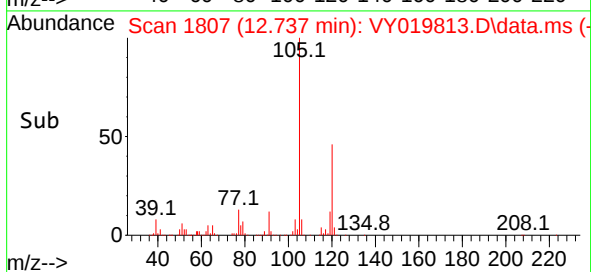
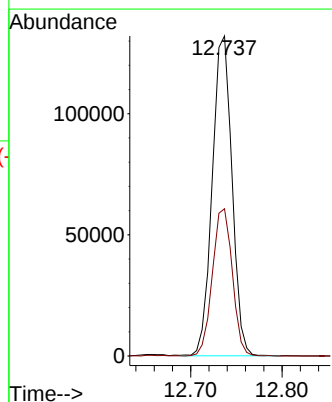
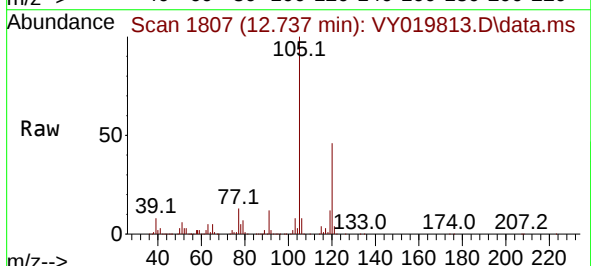
Instrument :
MSVOA_Y
ClientSampleId :

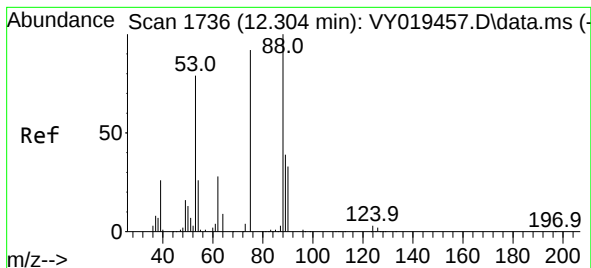
Tgt Ion: 91 Resp: 166263
Ion Ratio Lower Upper
91 100
126 33.3 17.8 53.5



#80
1,3,5-Trimethylbenzene
Concen: 22.472 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY019813.D
Acq: 07 Oct 2024 16:36

Tgt Ion: 105 Resp: 197531
Ion Ratio Lower Upper
105 100
120 46.7 25.1 75.2

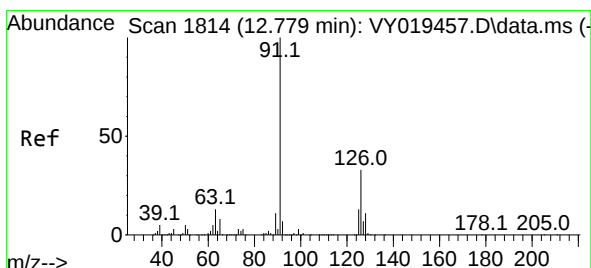
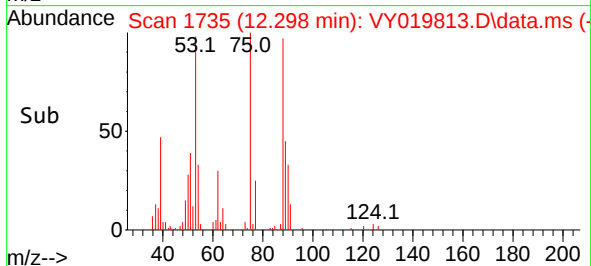
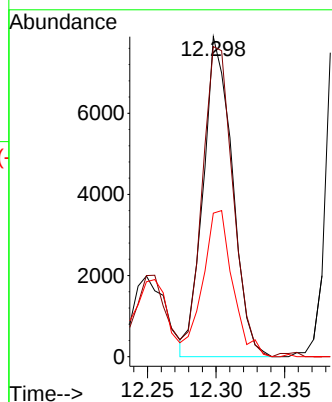
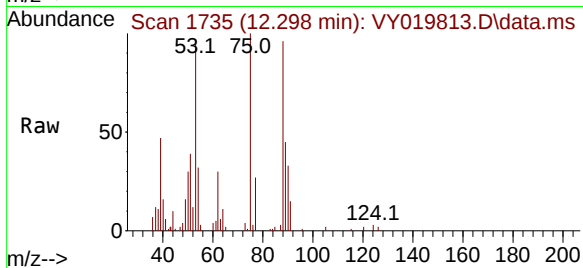




#81
trans-1,4-Dichloro-2-butene
Concen: 16.021 ug/l
RT: 12.298 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019813.D
Acq: 07 Oct 2024 16:36

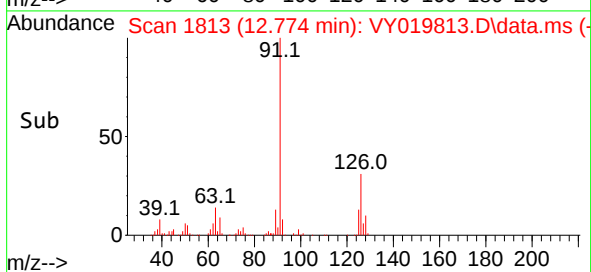
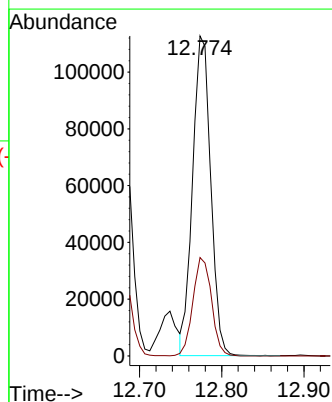
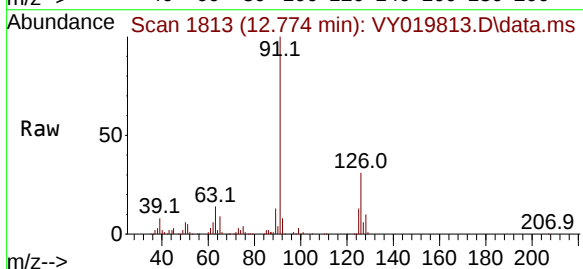
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 11658
Ion Ratio Lower Upper
75 100
53 101.2 66.8 100.2#
89 46.7 35.8 53.6



#82
4-Chlorotoluene
Concen: 22.464 ug/l
RT: 12.774 min Scan# 1813
Delta R.T. -0.006 min
Lab File: VY019813.D
Acq: 07 Oct 2024 16:36

Tgt Ion: 91 Resp: 172485
Ion Ratio Lower Upper
91 100
126 31.6 17.6 52.9





#83

tert-Butylbenzene

Concen: 22.672 ug/l

RT: 12.993 min Scan# 1849

Delta R.T. -0.006 min

Lab File: VY019813.D

Acq: 07 Oct 2024 16:36

Instrument :

MSVOA_Y

ClientSampleId :

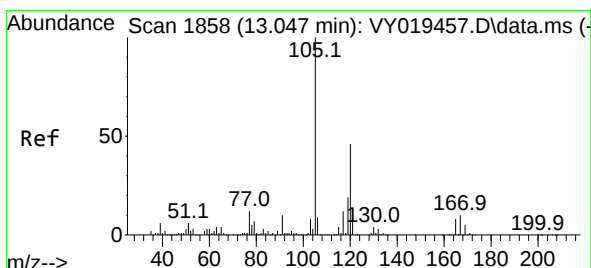
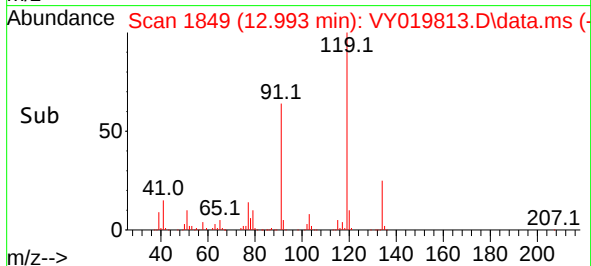
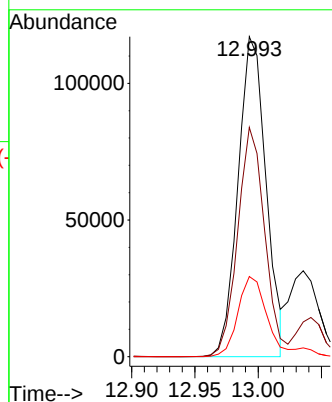
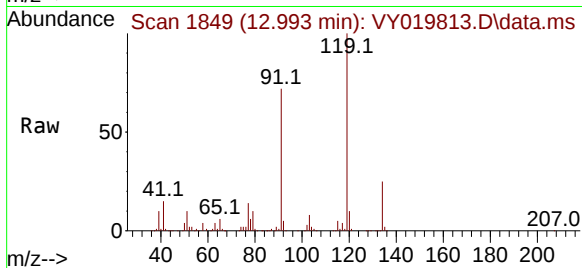
Tgt Ion:119 Resp: 180410

Ion Ratio Lower Upper

119 100

91 69.4 31.3 93.8

134 27.4 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 22.042 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. -0.006 min

Lab File: VY019813.D

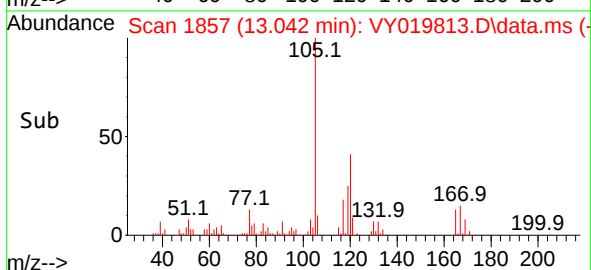
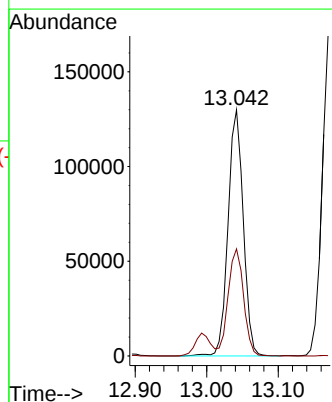
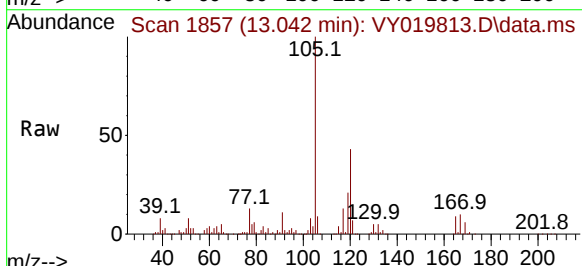
Acq: 07 Oct 2024 16:36

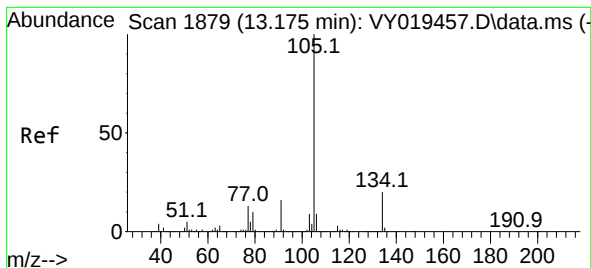
Tgt Ion:105 Resp: 191786

Ion Ratio Lower Upper

105 100

120 44.5 23.2 69.6





#85

sec-Butylbenzene

Concen: 23.196 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY019813.D

Acq: 07 Oct 2024 16:36

Instrument :

MSVOA_Y

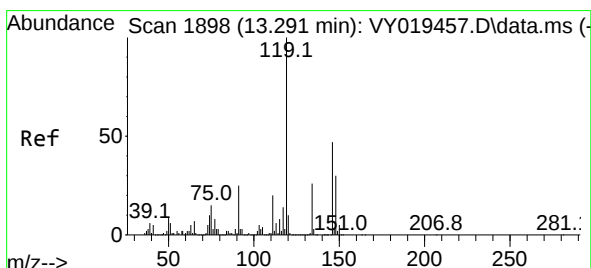
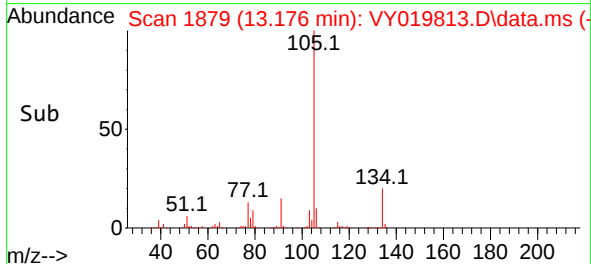
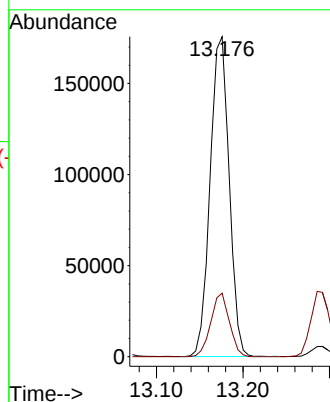
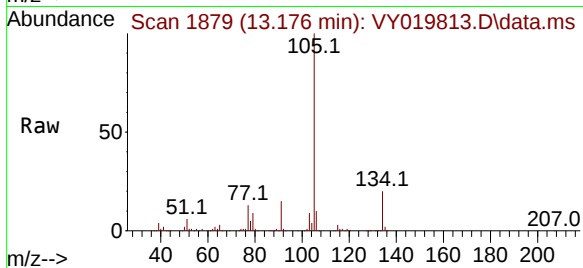
ClientSampleId :

Tgt Ion:105 Resp: 268145

Ion Ratio Lower Upper

105 100

134 19.4 10.1 30.1



#86

p-Isopropyltoluene

Concen: 22.646 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY019813.D

Acq: 07 Oct 2024 16:36

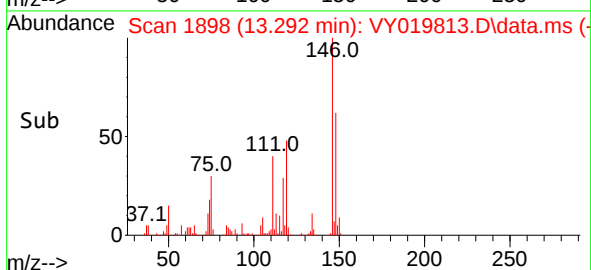
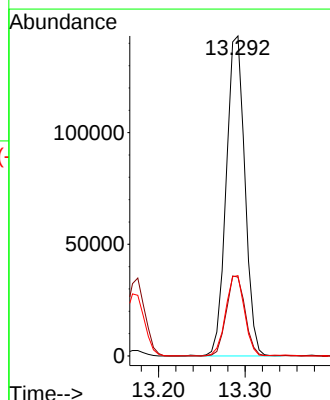
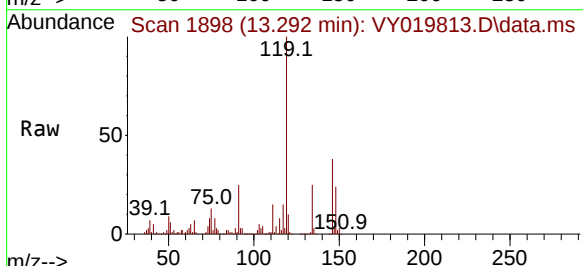
Tgt Ion:119 Resp: 214189

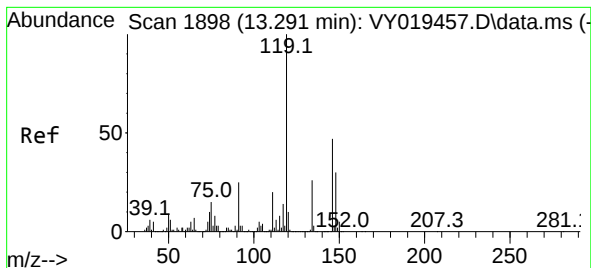
Ion Ratio Lower Upper

119 100

134 25.3 13.1 39.3

91 25.2 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 22.384 ug/l

RT: 13.286 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY019813.D

Acq: 07 Oct 2024 16:36

Instrument :

MSVOA_Y

ClientSampleId :

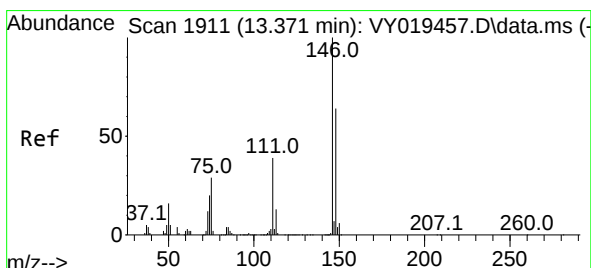
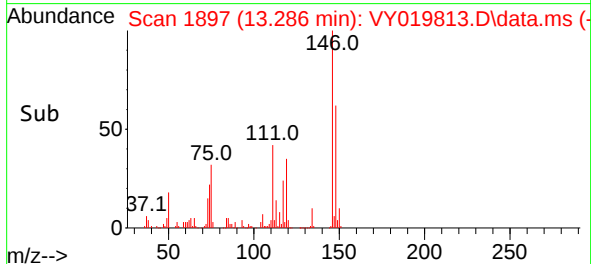
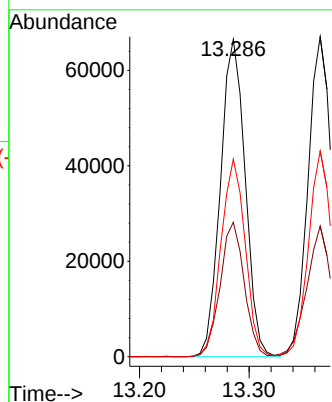
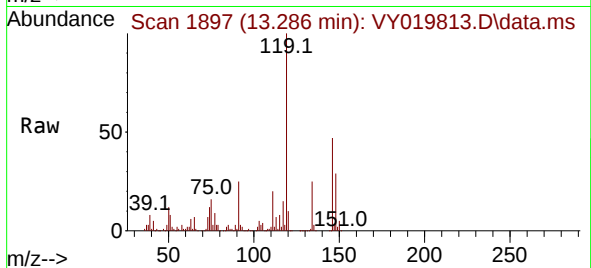
Tgt Ion:146 Resp: 104303

Ion Ratio Lower Upper

146 100

111 41.4 19.0 57.0

148 60.8 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 22.173 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.006 min

Lab File: VY019813.D

Acq: 07 Oct 2024 16:36

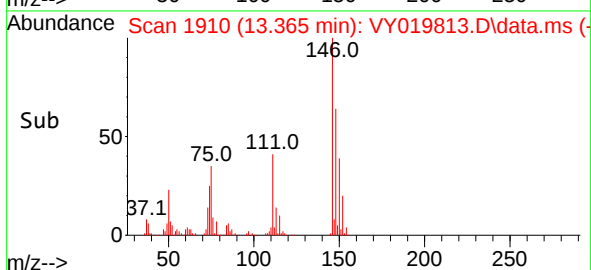
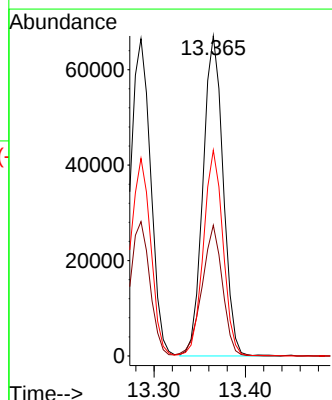
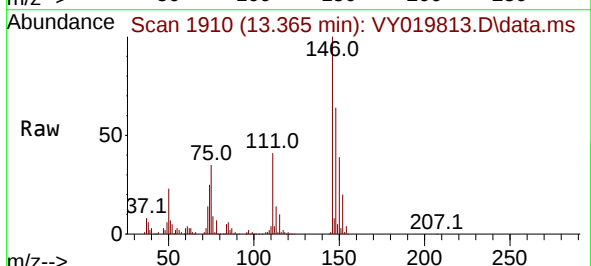
Tgt Ion:146 Resp: 102537

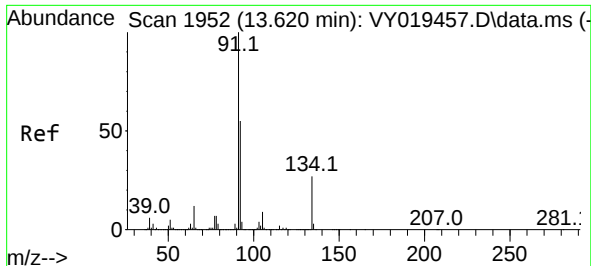
Ion Ratio Lower Upper

146 100

111 41.5 18.4 55.4

148 62.8 32.4 97.2





#89

n-Butylbenzene

Concen: 23.025 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. -0.006 min

Lab File: VY019813.D

Acq: 07 Oct 2024 16:36

Instrument :

MSVOA_Y

ClientSampleId :

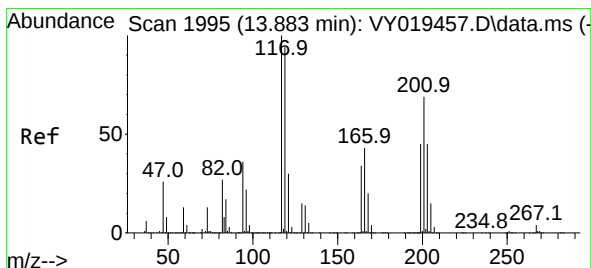
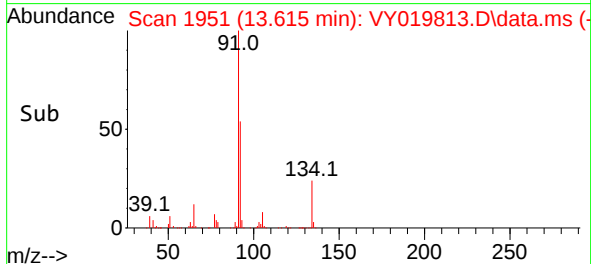
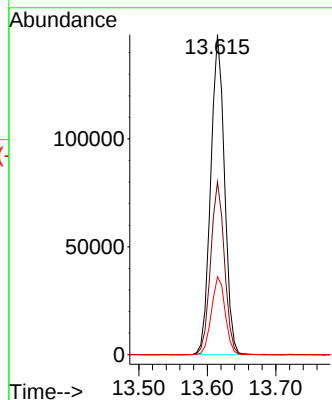
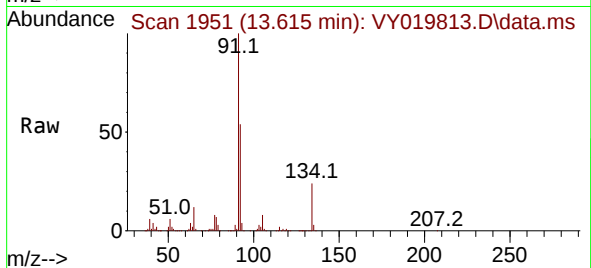
Tgt Ion: 91 Resp: 208186

Ion Ratio Lower Upper

91 100

92 54.0 26.6 79.7

134 24.3 12.9 38.7



#90

Hexachloroethane

Concen: 21.684 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. -0.006 min

Lab File: VY019813.D

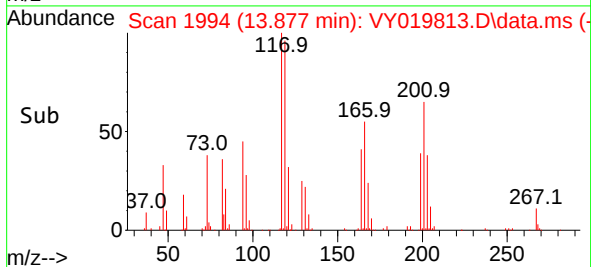
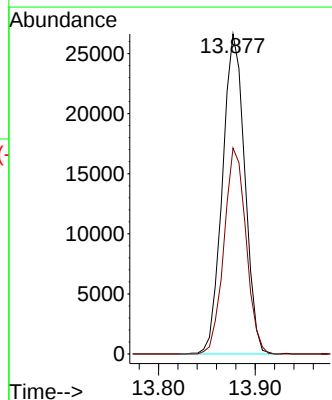
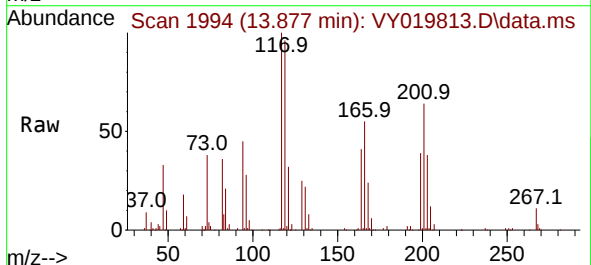
Acq: 07 Oct 2024 16:36

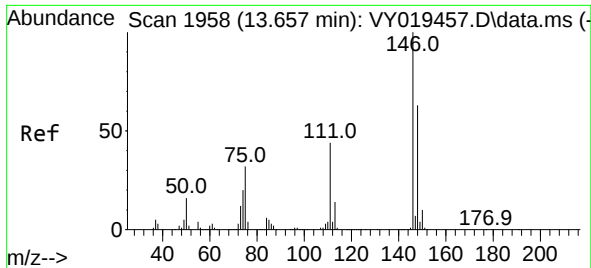
Tgt Ion: 117 Resp: 42674

Ion Ratio Lower Upper

117 100

201 63.6 37.4 112.2

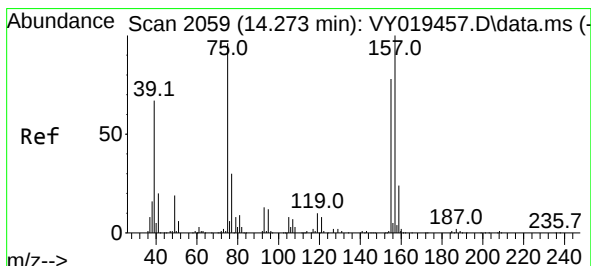
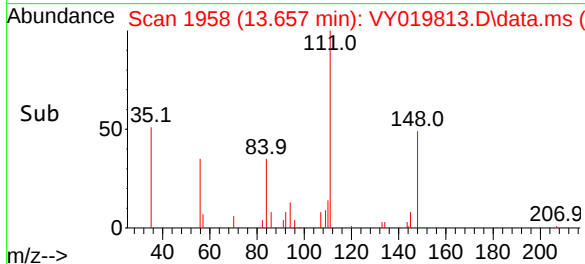
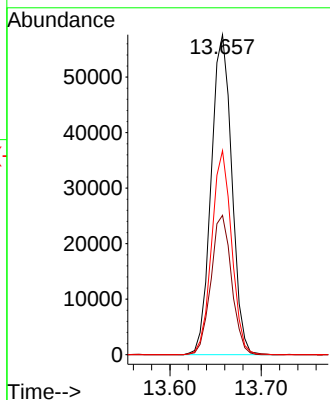
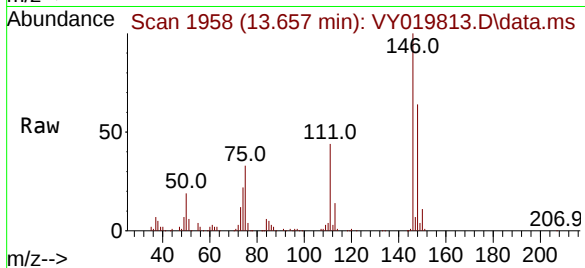




#91
 1,2-Dichlorobenzene
 Concen: 21.708 ug/l
 RT: 13.657 min Scan# 1958
 Delta R.T. 0.000 min
 Lab File: VY019813.D
 Acq: 07 Oct 2024 16:36

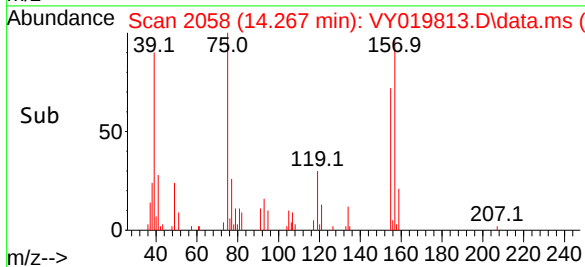
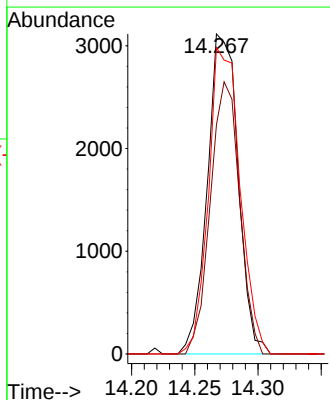
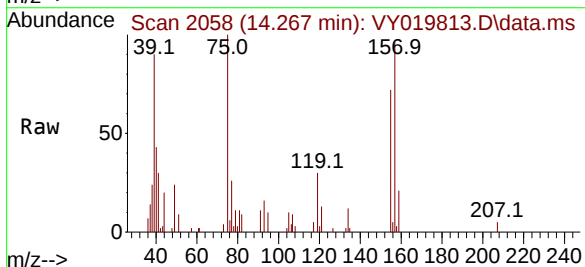
Instrument :
 MSVOA_Y
 ClientSampleId :

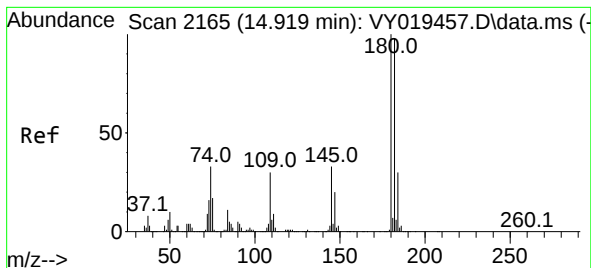
Tgt Ion:	146	Resp:	90266
Ion	Ratio	Lower	Upper
146	100		
111	43.6	19.9	59.7
148	61.8	31.8	95.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 16.467 ug/l
 RT: 14.267 min Scan# 2058
 Delta R.T. -0.006 min
 Lab File: VY019813.D
 Acq: 07 Oct 2024 16:36

Tgt Ion:	75	Resp:	5267
Ion	Ratio	Lower	Upper
75	100		
155	80.9	48.6	145.8
157	98.3	62.7	188.2





#93

1,2,4-Trichlorobenzene

Concen: 18.633 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY019813.D

Acq: 07 Oct 2024 16:36

Instrument :

MSVOA_Y

ClientSampleId :

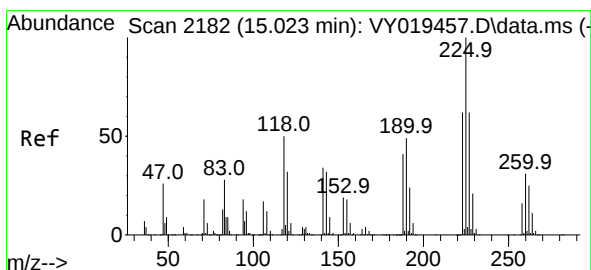
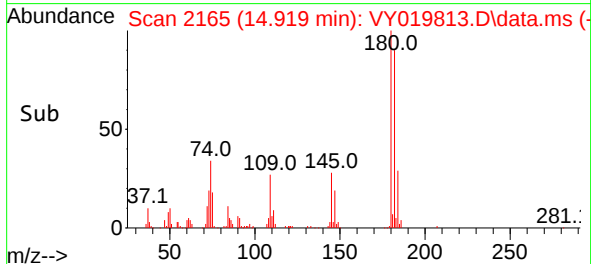
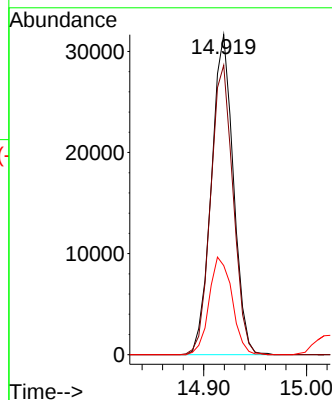
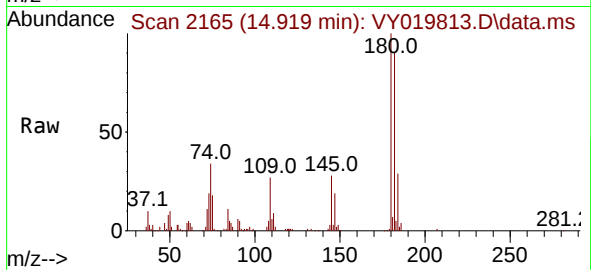
Tgt Ion:180 Resp: 47123

Ion Ratio Lower Upper

180 100

182 92.0 47.9 143.8

145 31.8 14.2 42.6



#94

Hexachlorobutadiene

Concen: 20.776 ug/l

RT: 15.017 min Scan# 2181

Delta R.T. -0.006 min

Lab File: VY019813.D

Acq: 07 Oct 2024 16:36

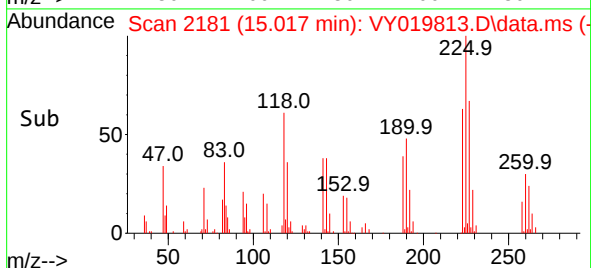
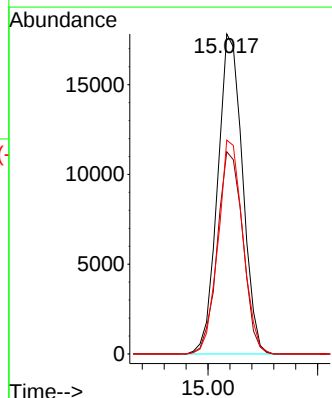
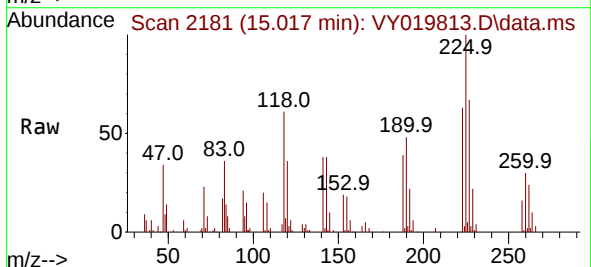
Tgt Ion:225 Resp: 28069

Ion Ratio Lower Upper

225 100

223 64.7 30.4 91.2

227 66.4 31.9 95.9





#95

Naphthalene

Concen: 15.140 ug/l

RT: 15.145 min Scan# 21

Delta R.T. 0.000 min

Lab File: VY019813.D

Acq: 07 Oct 2024 16:36

Instrument :

MSVOA_Y

ClientSampleId :

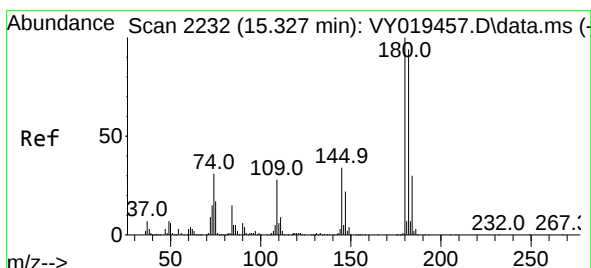
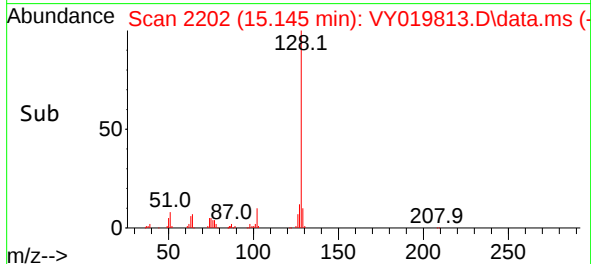
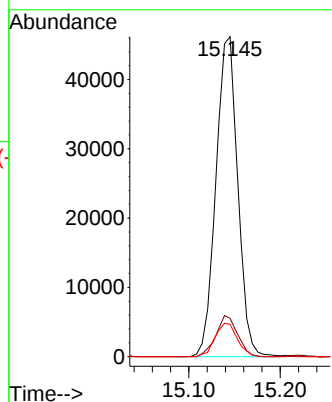
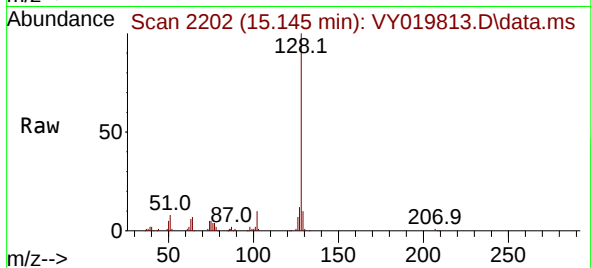
Tgt Ion:128 Resp: 76678

Ion Ratio Lower Upper

128 100

127 12.7 10.6 16.0

129 10.7 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 17.293 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY019813.D

Acq: 07 Oct 2024 16:36

Tgt Ion:180 Resp: 37409

Ion Ratio Lower Upper

180 100

182 95.8 47.6 142.9

145 34.3 15.4 46.1

