

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082224\
 Data File : VY019213.D
 Acq On : 22 Aug 2024 12:15
 Operator : SY/MD
 Sample : VY0822SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 23 01:49:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 05:10:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.701	168	109427	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	175354	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	154105	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	76163	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	56666	51.659	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.320%	
35) Dibromofluoromethane	7.628	113	59219	51.649	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.300%	
50) Toluene-d8	10.103	98	216548	52.482	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 104.960%	
62) 4-Bromofluorobenzene	12.407	95	74237	52.778	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 105.560%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.867	85	16131	20.092	ug/l 98
3) Chloromethane	2.068	50	25534	17.645	ug/l 99
4) Vinyl Chloride	2.202	62	32618	18.248	ug/l 99
5) Bromomethane	2.586	94	26910	21.258	ug/l 95
6) Chloroethane	2.726	64	21972	18.074	ug/l 99
7) Trichlorofluoromethane	3.049	101	48491	17.943	ug/l 95
8) Diethyl Ether	3.452	74	11420	19.577	ug/l 98
9) 1,1,2-Trichlorotrifluo...	3.799	101	24182	20.128	ug/l 99
10) Methyl Iodide	3.994	142	20026	17.005	ug/l 93
11) Tert butyl alcohol	4.817	59	8204	55.529	ug/l # 88
12) 1,1-Dichloroethene	3.781	96	20896	19.144	ug/l 98
13) Acrolein	3.647	56	7805	81.454	ug/l 96
14) Allyl chloride	4.372	41	27512	18.958	ug/l 92
15) Acrylonitrile	5.043	53	24732	103.619	ug/l 96
16) Acetone	3.860	43	21066	103.556	ug/l 98
17) Carbon Disulfide	4.098	76	56650	18.400	ug/l 100
18) Methyl Acetate	4.366	43	12398	19.858	ug/l 94
19) Methyl tert-butyl Ether	5.104	73	52490	19.835	ug/l 98
20) Methylene Chloride	4.604	84	29715	16.712	ug/l 96
21) trans-1,2-Dichloroethene	5.110	96	24295	19.922	ug/l 92
22) Diisopropyl ether	6.006	45	63438	19.095	ug/l # 91
23) Vinyl Acetate	5.951	43	254248	96.662	ug/l 99
24) 1,1-Dichloroethane	5.902	63	39451	19.417	ug/l 98
25) 2-Butanone	6.884	43	32364	98.787	ug/l # 87
26) 2,2-Dichloropropane	6.872	77	34067	20.706	ug/l 99
27) cis-1,2-Dichloroethene	6.884	96	28365	19.765	ug/l 98
28) Bromochloromethane	7.232	49	16331	19.162	ug/l 95
29) Tetrahydrofuran	7.250	42	20103	95.457	ug/l 93
30) Chloroform	7.408	83	46225	20.418	ug/l 98
31) Cyclohexane	7.695	56	33356	18.568	ug/l 87
32) 1,1,1-Trichloroethane	7.609	97	40669	20.441	ug/l 99
36) 1,1-Dichloropropene	7.823	75	30825	19.578	ug/l 99
37) Ethyl Acetate	6.969	43	14492	20.775	ug/l 98
38) Carbon Tetrachloride	7.811	117	37176	20.375	ug/l 97
39) Methylcyclohexane	9.103	83	38080	18.847	ug/l 92
40) Benzene	8.073	78	96181	19.918	ug/l 99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.250	41	12119	31.831	ug/l #	26
42) 1,2-Dichloroethane	8.152	62	24657	18.909	ug/l	98
43) Isopropyl Acetate	8.189	43	27124	19.227	ug/l #	83
44) Trichloroethene	8.859	130	27173	20.168	ug/l	95
45) 1,2-Dichloropropane	9.134	63	21643	20.117	ug/l	98
46) Dibromomethane	9.225	93	14356	20.573	ug/l	97
47) Bromodichloromethane	9.420	83	34873	20.370	ug/l	99
48) Methyl methacrylate	9.219	41	11777	18.732	ug/l #	91
49) 1,4-Dioxane	9.219	88	3436	406.491	ug/l #	90
51) 4-Methyl-2-Pentanone	9.999	43	72771	97.189	ug/l	93
52) Toluene	10.170	92	64289	20.282	ug/l	98
53) t-1,3-Dichloropropene	10.389	75	28939	20.378	ug/l	97
54) cis-1,3-Dichloropropene	9.853	75	34589	20.252	ug/l	93
55) 1,1,2-Trichloroethane	10.572	97	19244	21.423	ug/l	98
56) Ethyl methacrylate	10.438	69	22432	19.078	ug/l #	86
57) 1,3-Dichloropropane	10.719	76	29547	20.177	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.707	63	53309	95.572	ug/l	96
59) 2-Hexanone	10.761	43	51155	99.444	ug/l	92
60) Dibromochloromethane	10.908	129	24500	20.025	ug/l	99
61) 1,2-Dibromoethane	11.011	107	17301	19.927	ug/l	98
64) Tetrachloroethene	10.646	164	27398	20.340	ug/l	95
65) Chlorobenzene	11.444	112	70144	19.767	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.517	131	24878	19.936	ug/l	99
67) Ethyl Benzene	11.517	91	120295	19.532	ug/l	97
68) m/p-Xylenes	11.627	106	94748	38.771	ug/l	99
69) o-Xylene	11.956	106	44214	19.537	ug/l	98
70) Styrene	11.968	104	76515	19.827	ug/l	99
71) Bromoform	12.133	173	14136	19.817	ug/l #	98
73) Isopropylbenzene	12.255	105	113177	19.388	ug/l	100
74) N-amyl acetate	12.072	43	23517	18.475	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.505	83	20245	19.480	ug/l	96
76) 1,2,3-Trichloropropane	12.560	75	25149	33.483	ug/l #	100
77) Bromobenzene	12.529	156	27477	19.599	ug/l	97
78) n-propylbenzene	12.596	91	137741	19.738	ug/l	98
79) 2-Chlorotoluene	12.682	91	76468	19.545	ug/l	98
80) 1,3,5-Trimethylbenzene	12.737	105	95309	20.042	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	5628	18.505	ug/l #	82
82) 4-Chlorotoluene	12.779	91	79304	19.483	ug/l	98
83) tert-Butylbenzene	12.999	119	85373	19.440	ug/l	99
84) 1,2,4-Trimethylbenzene	13.048	105	92075	19.427	ug/l	99
85) sec-Butylbenzene	13.176	105	126386	19.748	ug/l	98
86) p-Isopropyltoluene	13.291	119	103590	19.706	ug/l	97
87) 1,3-Dichlorobenzene	13.291	146	54891	19.854	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	52739	19.190	ug/l	97
89) n-Butylbenzene	13.621	91	94818	19.784	ug/l	99
90) Hexachloroethane	13.883	117	21094	20.358	ug/l	98
91) 1,2-Dichlorobenzene	13.657	146	48031	19.753	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.279	75	2832	18.524	ug/l	97
93) 1,2,4-Trichlorobenzene	14.925	180	24692	18.006	ug/l	99
94) Hexachlorobutadiene	15.029	225	14746	20.645	ug/l	97
95) Naphthalene	15.151	128	41854	17.102	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	20882	18.055	ug/l	98

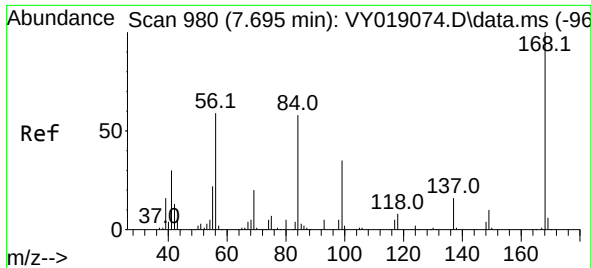
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082224\
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Response via : Initial Calibration

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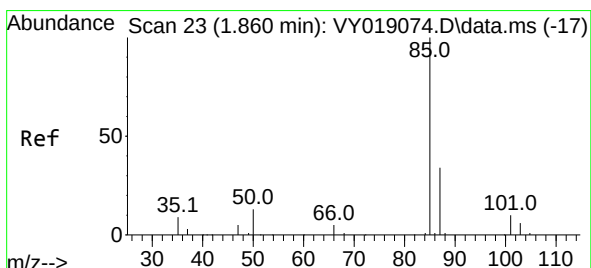
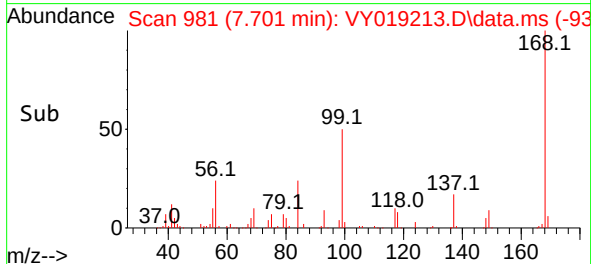
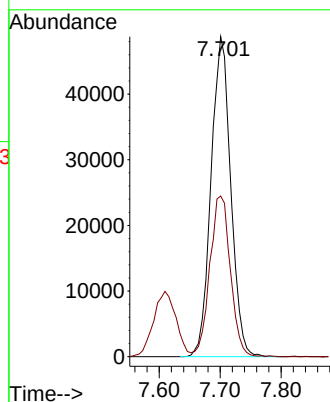
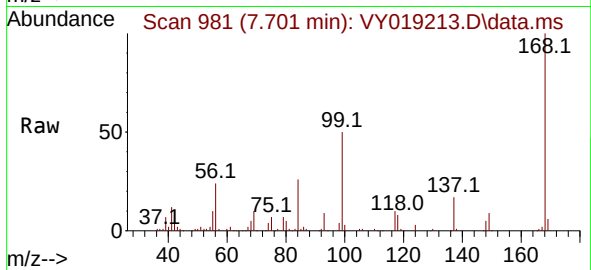
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019213.D
Acq: 22 Aug 2024 12:15

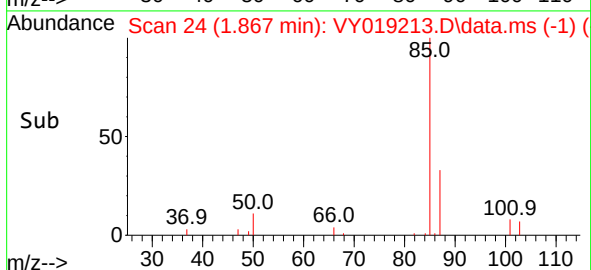
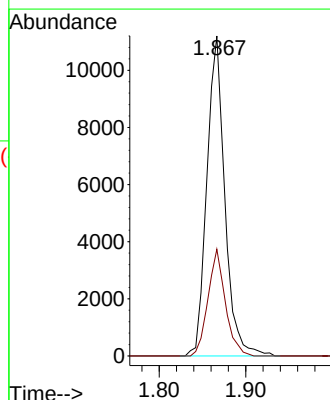
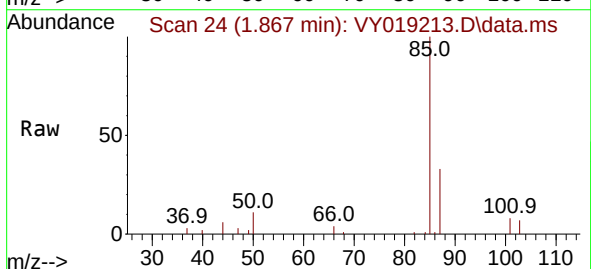
Instrument :
MSVOA_Y
ClientSampleId :

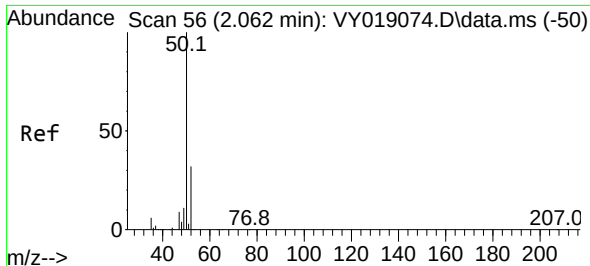
Tgt Ion:168 Resp: 109427
Ion Ratio Lower Upper
168 100
99 50.2 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 20.092 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.006 min
Lab File: VY019213.D
Acq: 22 Aug 2024 12:15

Tgt Ion: 85 Resp: 16131
Ion Ratio Lower Upper
85 100
87 33.4 16.0 48.0

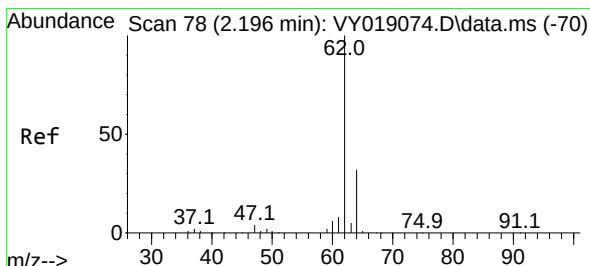
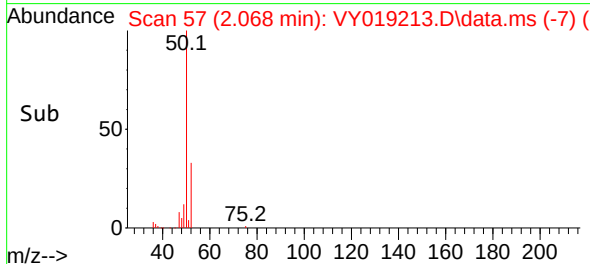
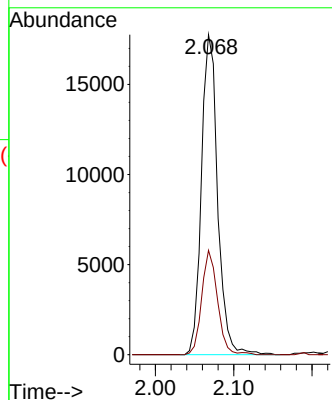
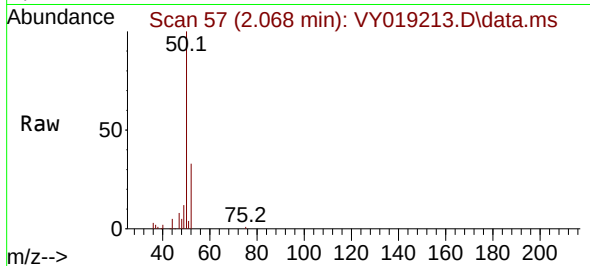




#3
Chloromethane
Concen: 17.645 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY019213.D
Acq: 22 Aug 2024 12:15

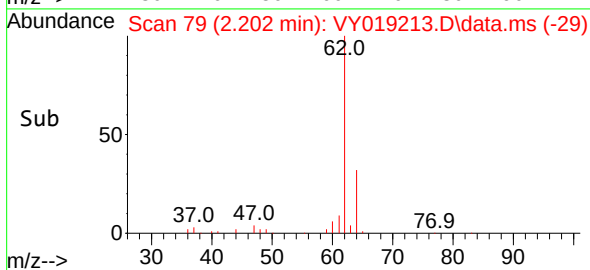
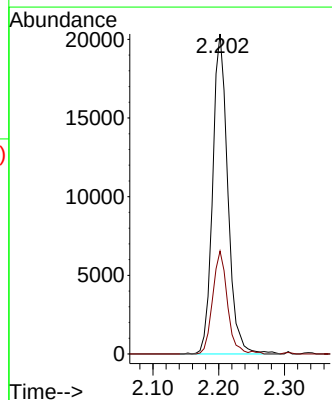
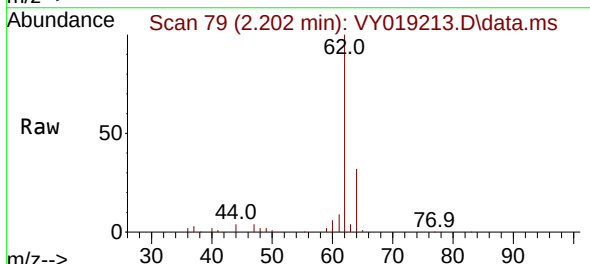
Instrument :
MSVOA_Y
ClientSampleId :

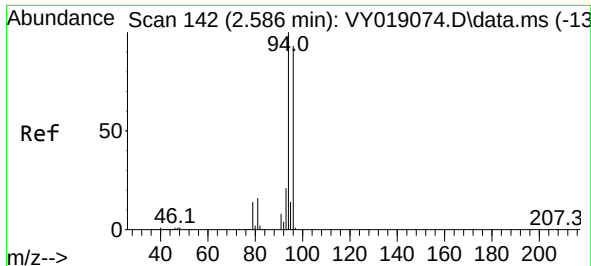
Tgt Ion: 50 Resp: 25534
Ion Ratio Lower Upper
50 100
52 32.6 25.6 38.4



#4
Vinyl Chloride
Concen: 18.248 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.006 min
Lab File: VY019213.D
Acq: 22 Aug 2024 12:15

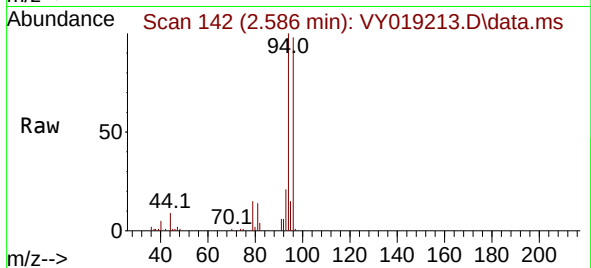
Tgt Ion: 62 Resp: 32618
Ion Ratio Lower Upper
62 100
64 32.2 26.1 39.1



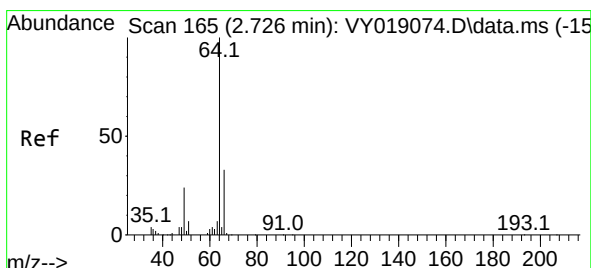
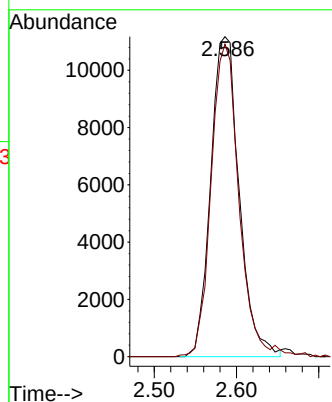
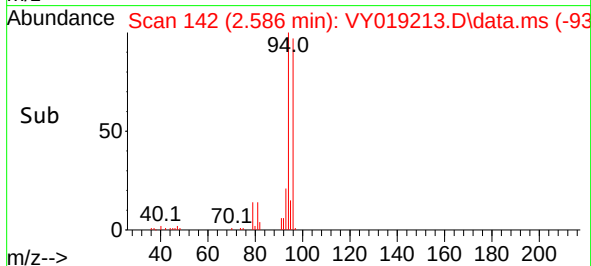


#5
Bromomethane
Concen: 21.258 ug/l
RT: 2.586 min Scan# 142
Delta R.T. 0.000 min
Lab File: VY019213.D
Acq: 22 Aug 2024 12:15

Instrument :
MSVOA_Y
ClientSampleId :

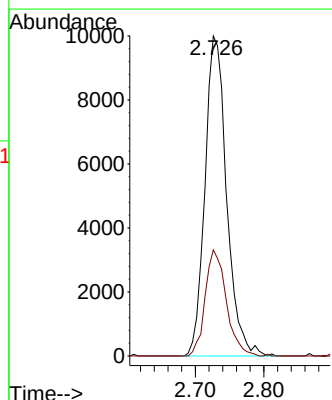
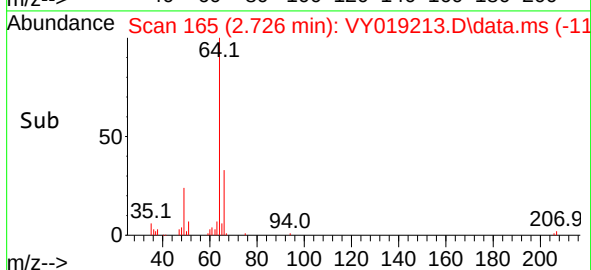
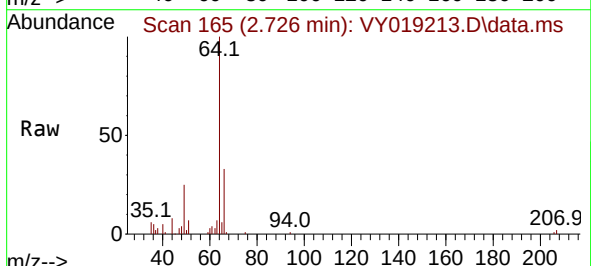


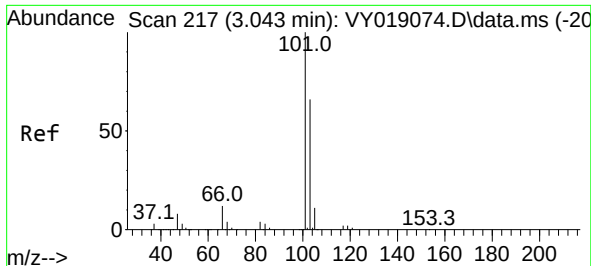
Tgt Ion: 94 Resp: 26910
Ion Ratio Lower Upper
94 100
96 97.2 74.1 111.1



#6
Chloroethane
Concen: 18.074 ug/l
RT: 2.726 min Scan# 165
Delta R.T. 0.000 min
Lab File: VY019213.D
Acq: 22 Aug 2024 12:15

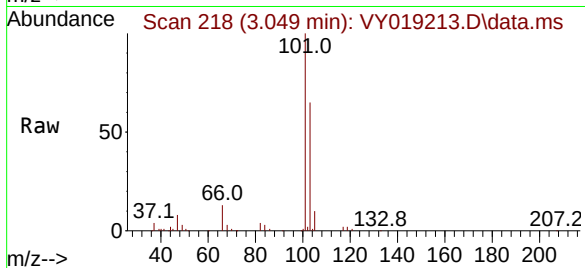
Tgt Ion: 64 Resp: 21972
Ion Ratio Lower Upper
64 100
66 33.1 26.1 39.1



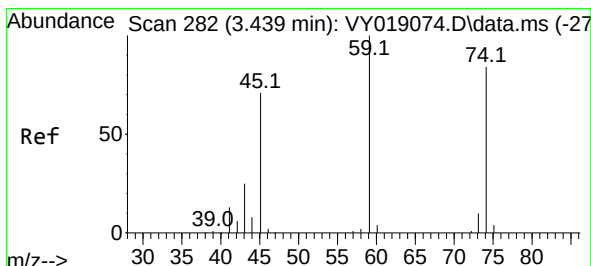
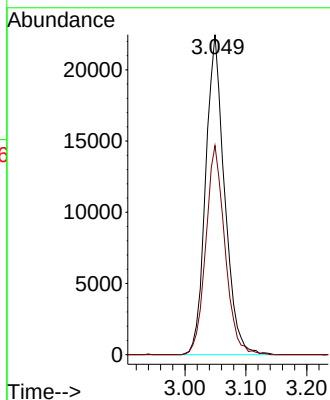
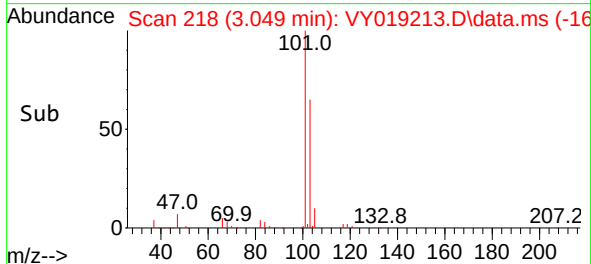


#7
Trichlorofluoromethane
Concen: 17.943 ug/l
RT: 3.049 min Scan# 217
Delta R.T. 0.006 min
Lab File: VY019213.D
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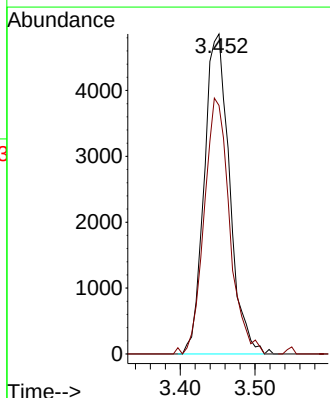
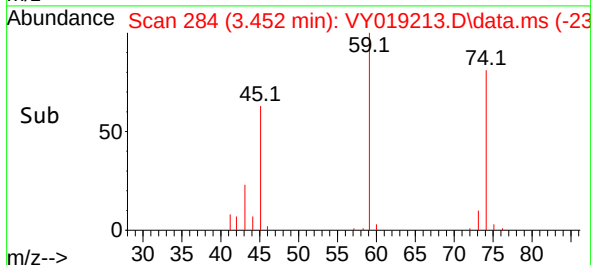
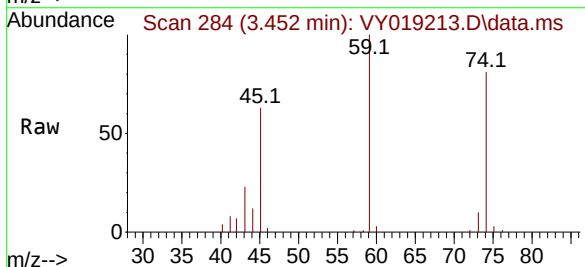


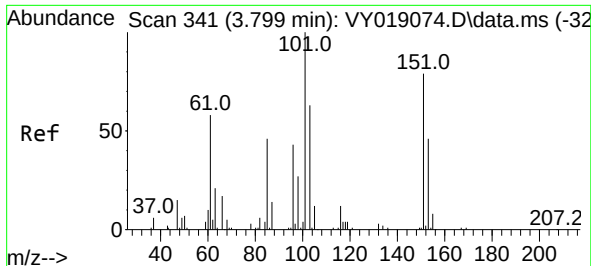
Tgt Ion:101 Resp: 48491
Ion Ratio Lower Upper
101 100
103 65.3 49.3 73.9



#8
Diethyl Ether
Concen: 19.577 ug/l
RT: 3.452 min Scan# 284
Delta R.T. 0.012 min
Lab File: VY019213.D
Acq: 22 Aug 2024 12:15

Tgt Ion: 74 Resp: 11420
Ion Ratio Lower Upper
74 100
45 80.5 41.3 124.1

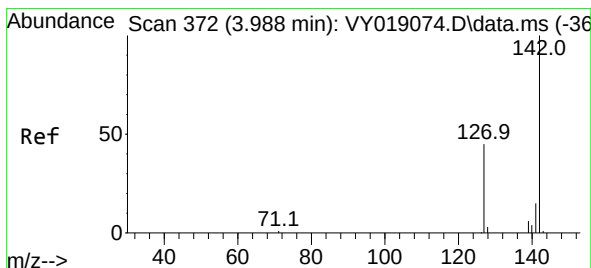
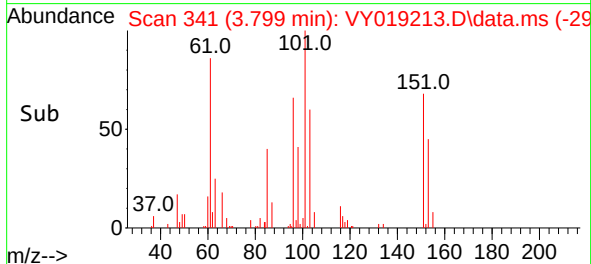
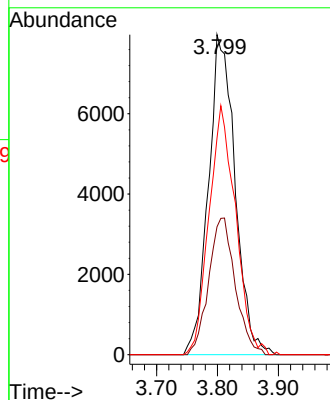
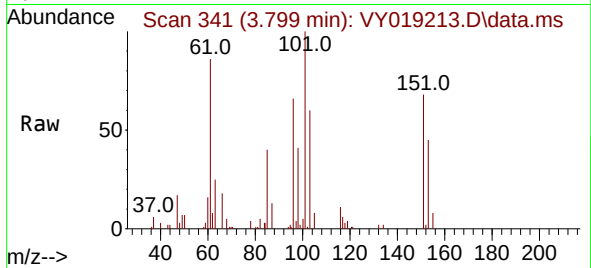




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.128 ug/l
RT: 3.799 min Scan# 341
Delta R.T. 0.000 min
Lab File: VY019213.D
Acq: 22 Aug 2024 12:15

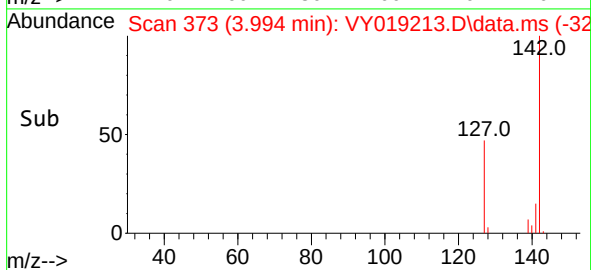
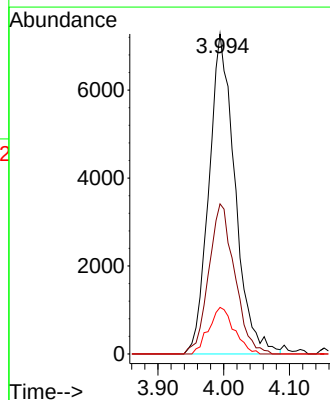
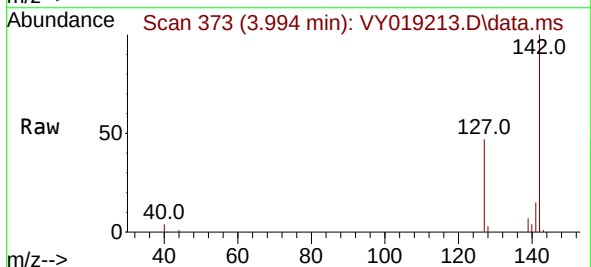
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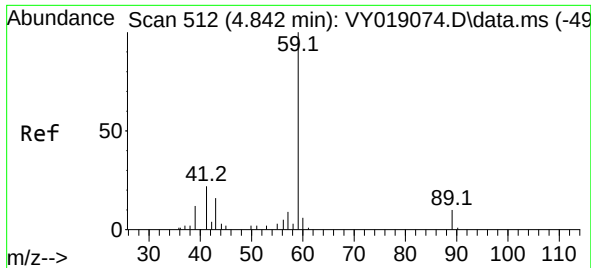
Tgt Ion:101 Resp: 24182
Ion Ratio Lower Upper
101 100
85 42.7 34.5 51.7
151 77.8 61.7 92.5



#10
Methyl Iodide
Concen: 17.005 ug/l
RT: 3.994 min Scan# 373
Delta R.T. 0.006 min
Lab File: VY019213.D
Acq: 22 Aug 2024 12:15

Tgt Ion:142 Resp: 20026
Ion Ratio Lower Upper
142 100
127 46.8 32.8 49.2
141 14.2 11.4 17.2

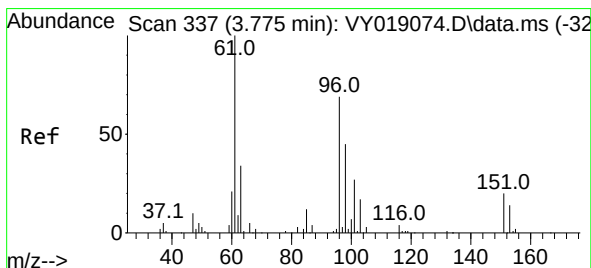
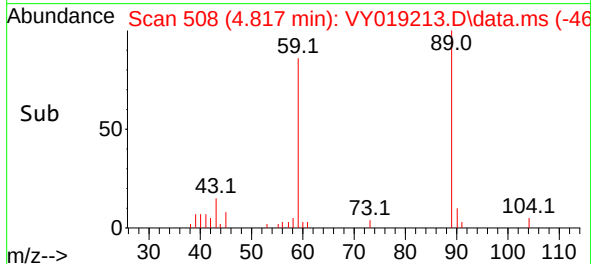
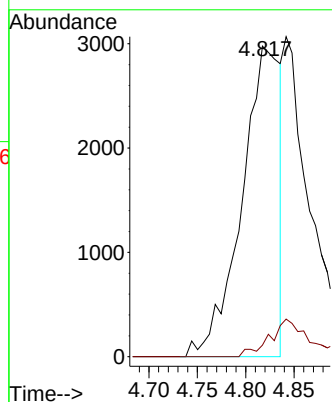
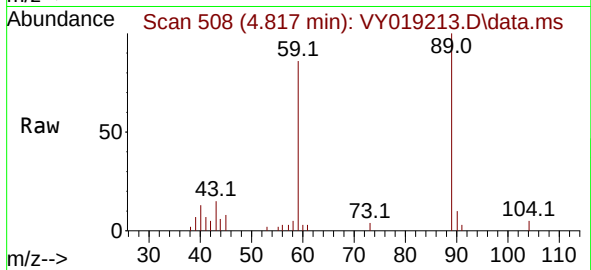




#11
Tert butyl alcohol
Concen: 55.529 ug/l
RT: 4.817 min Scan# 508
Delta R.T. -0.025 min
Lab File: VY019213.D
Acq: 22 Aug 2024 12:15

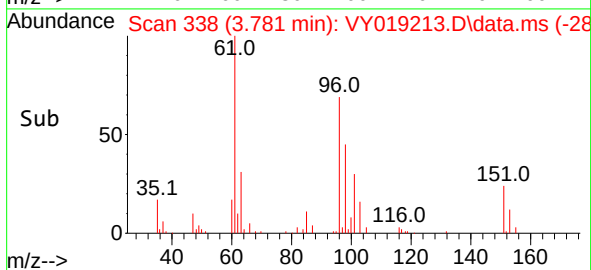
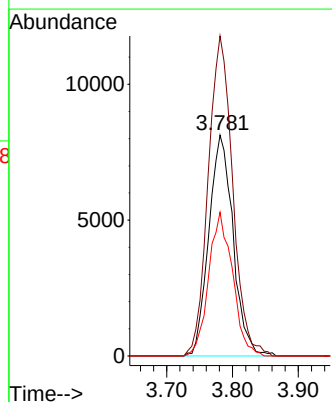
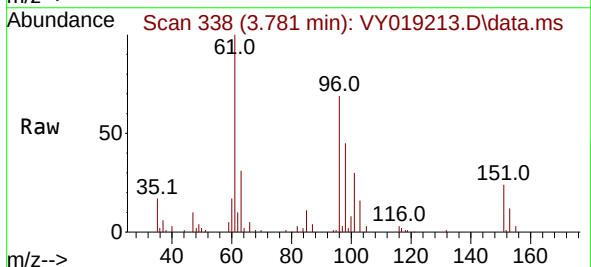
Instrument :
MSVOA_Y
ClientSampleId :

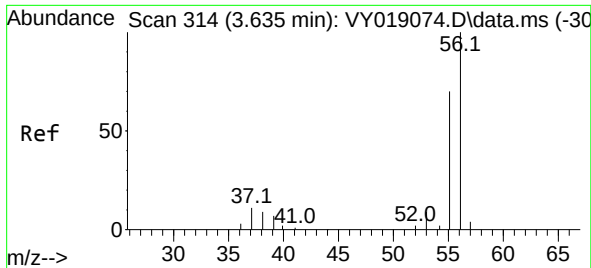
Tgt Ion: 59 Resp: 8204
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 19.144 ug/l
RT: 3.781 min Scan# 338
Delta R.T. 0.006 min
Lab File: VY019213.D
Acq: 22 Aug 2024 12:15

Tgt Ion: 96 Resp: 20896
Ion Ratio Lower Upper
96 100
61 144.9 114.6 171.8
98 65.1 50.8 76.2





#13

Acrolein

Concen: 81.454 ug/l

RT: 3.647 min Scan# 314

Delta R.T. 0.012 min

Lab File: VY019213.D

Acq: 22 Aug 2024 12:15

Instrument :

MSVOA_Y

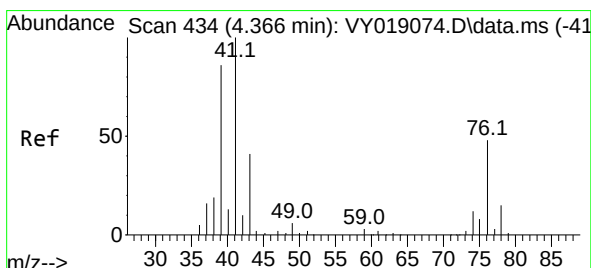
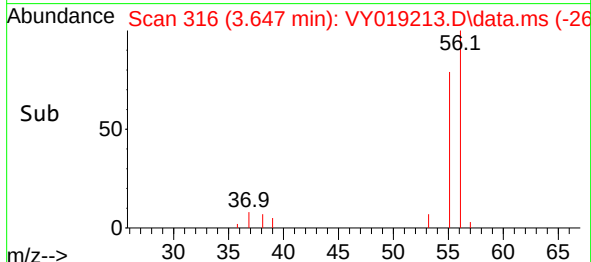
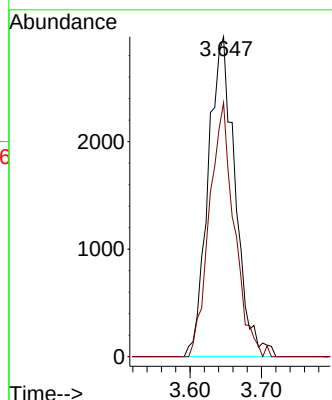
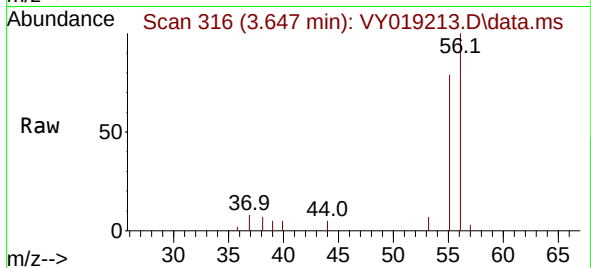
ClientSampleId :

Tgt Ion: 56 Resp: 7805

Ion Ratio Lower Upper

56 100

55 73.1 55.7 83.5



#14

Allyl chloride

Concen: 18.958 ug/l

RT: 4.372 min Scan# 435

Delta R.T. 0.006 min

Lab File: VY019213.D

Acq: 22 Aug 2024 12:15

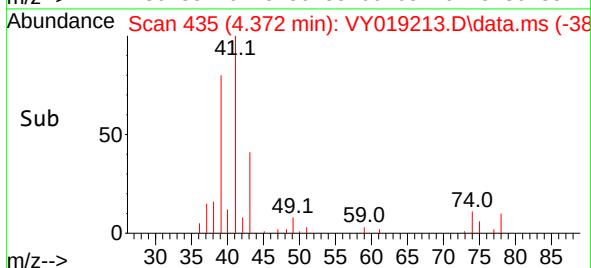
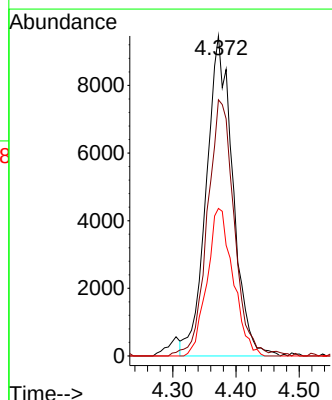
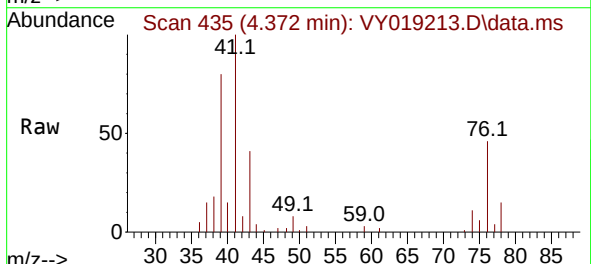
Tgt Ion: 41 Resp: 27512

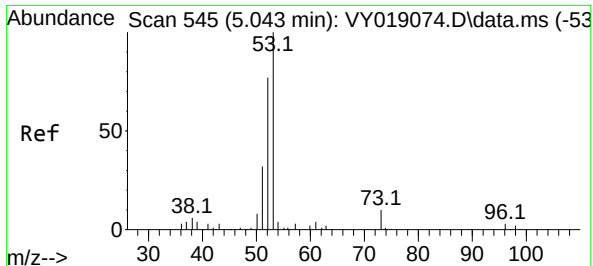
Ion Ratio Lower Upper

41 100

39 80.6 58.3 87.5

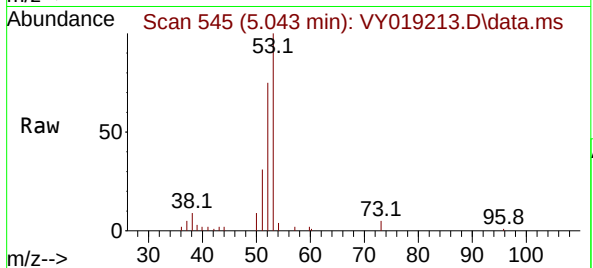
76 45.3 39.0 58.6



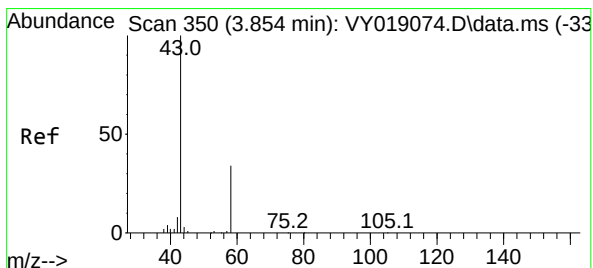
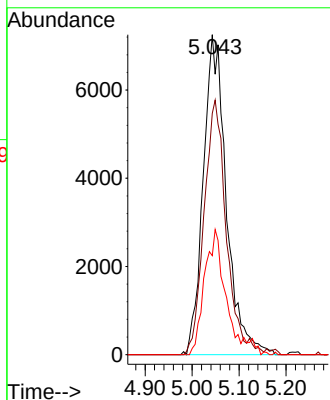
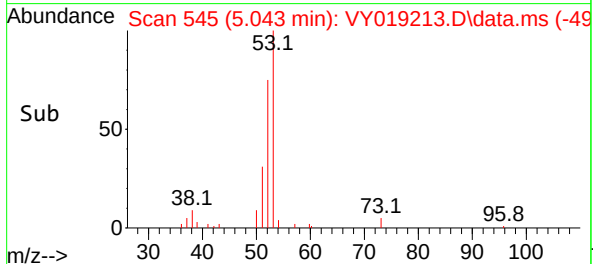


#15
Acrylonitrile
Concen: 103.619 ug/l
RT: 5.043 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY019213.D
Acq: 22 Aug 2024 12:15

Instrument :
MSVOA_Y
ClientSampleId :

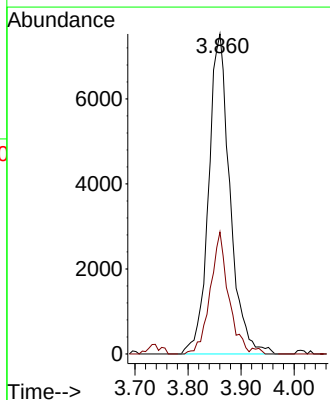
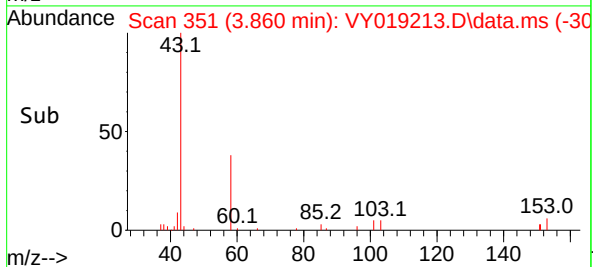
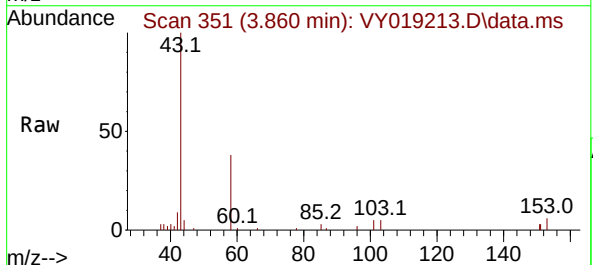


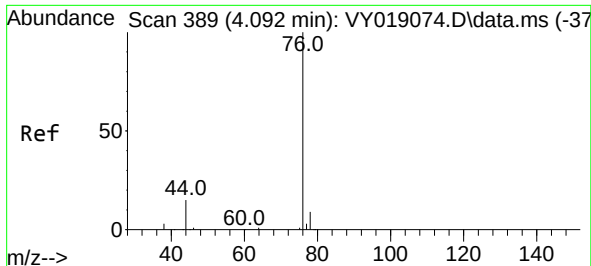
Tgt Ion: 53	Resp: 24732
Ion Ratio	Lower Upper
53	100
52	76.5 64.7 97.1
51	36.9 28.4 42.6



#16
Acetone
Concen: 103.556 ug/l
RT: 3.860 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY019213.D
Acq: 22 Aug 2024 12:15

Tgt Ion: 43	Resp: 21066
Ion Ratio	Lower Upper
43	100
58	38.1 31.7 47.5

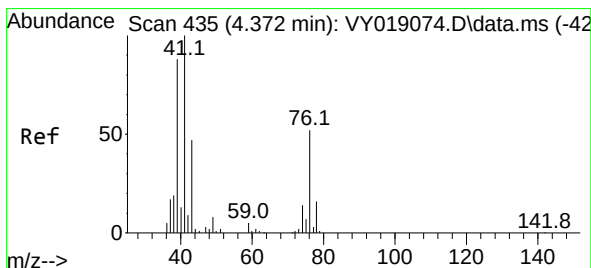
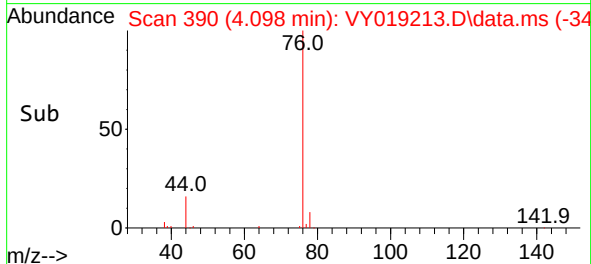
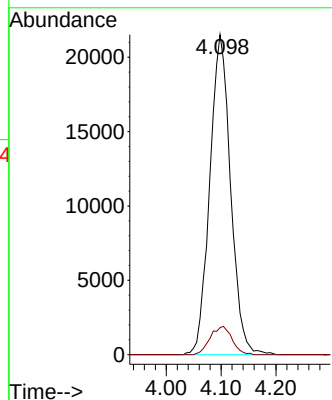
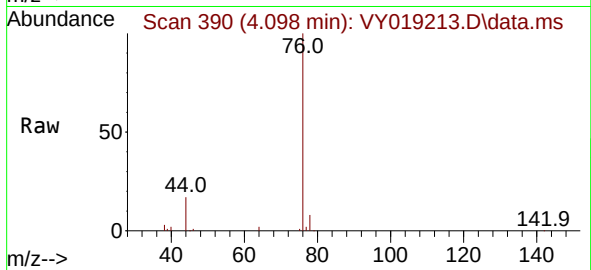




#17
Carbon Disulfide
Concen: 18.400 ug/l
RT: 4.098 min Scan# 390
Delta R.T. 0.006 min
Lab File: VY019213.D
Acq: 22 Aug 2024 12:15

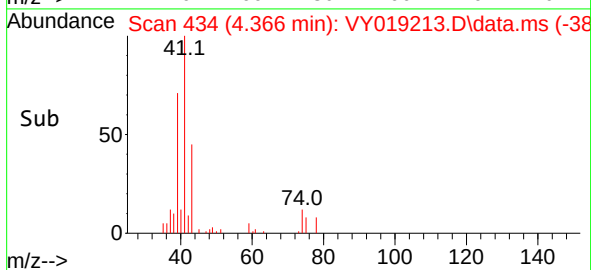
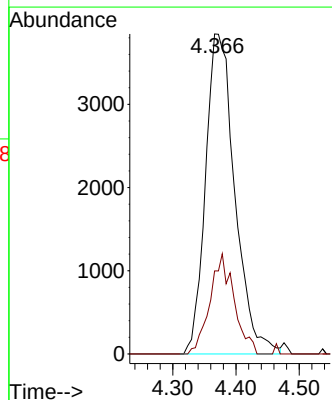
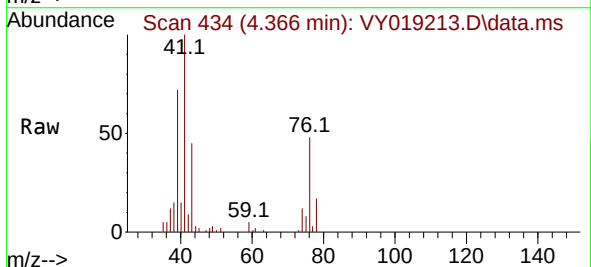
Instrument :
MSVOA_Y
ClientSampleId :

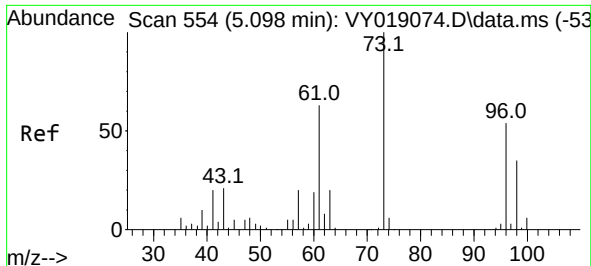
Tgt Ion: 76 Resp: 56650
Ion Ratio Lower Upper
76 100
78 8.4 6.8 10.2



#18
Methyl Acetate
Concen: 19.858 ug/l
RT: 4.366 min Scan# 434
Delta R.T. -0.006 min
Lab File: VY019213.D
Acq: 22 Aug 2024 12:15

Tgt Ion: 43 Resp: 12398
Ion Ratio Lower Upper
43 100
74 25.8 23.3 34.9





#19

Methyl tert-butyl Ether

Concen: 19.835 ug/l

RT: 5.104 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY019213.D

Acq: 22 Aug 2024 12:15

Instrument :

MSVOA_Y

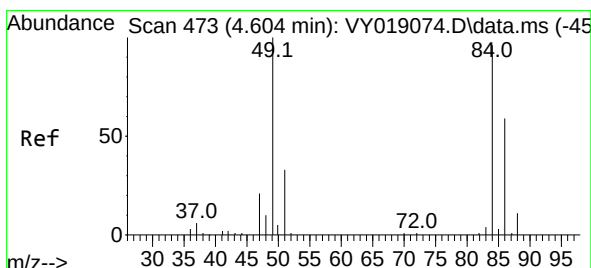
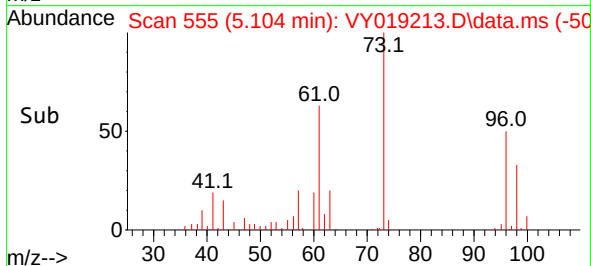
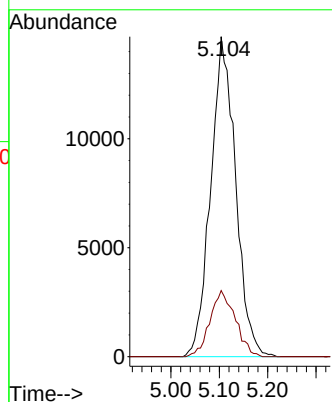
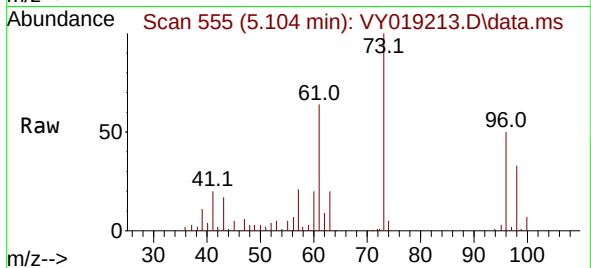
ClientSampleId :

Tgt Ion: 73 Resp: 52490

Ion Ratio Lower Upper

73 100

57 20.7 17.3 25.9



#20

Methylene Chloride

Concen: 16.712 ug/l

RT: 4.604 min Scan# 473

Delta R.T. -0.000 min

Lab File: VY019213.D

Acq: 22 Aug 2024 12:15

Tgt Ion: 84 Resp: 29715

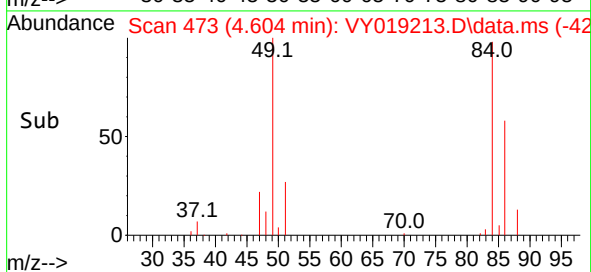
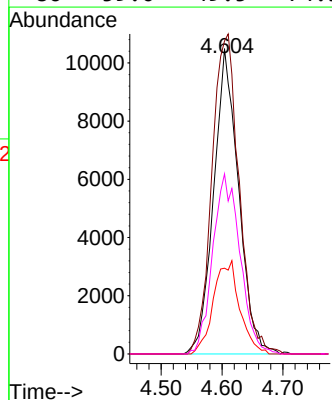
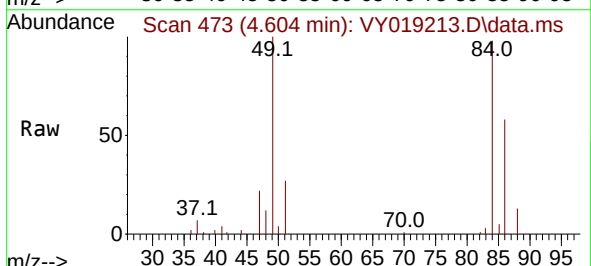
Ion Ratio Lower Upper

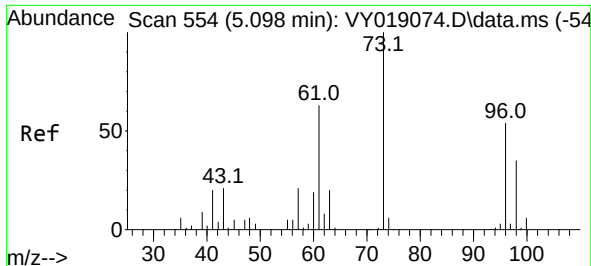
84 100

49 102.6 84.4 126.6

51 28.1 26.0 39.0

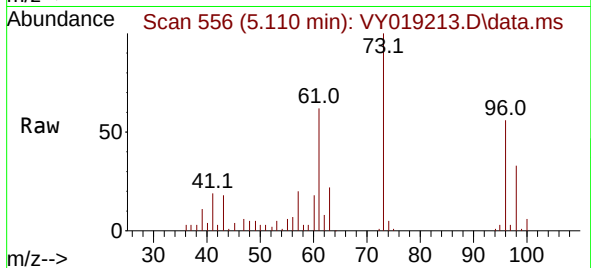
86 59.0 49.5 74.3



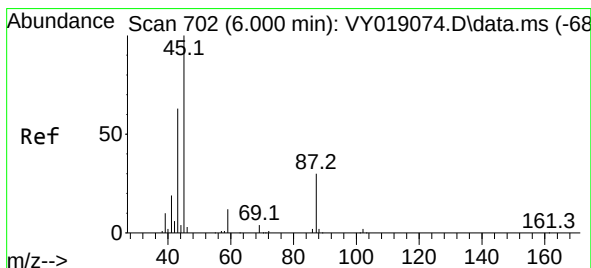
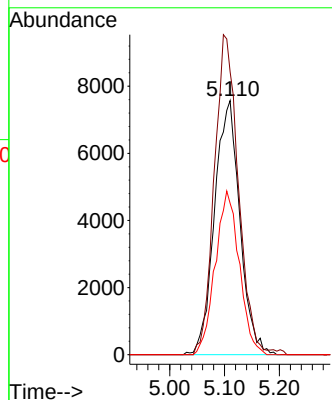
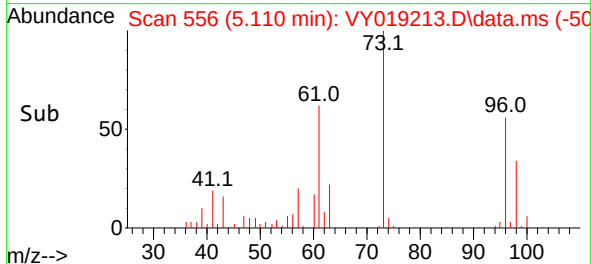


#21
trans-1,2-Dichloroethene
Concen: 19.922 ug/l
RT: 5.110 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY019213.D
Acq: 22 Aug 2024 12:15

Instrument :
MSVOA_Y
ClientSampleId :

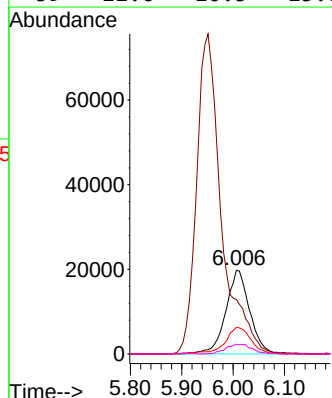
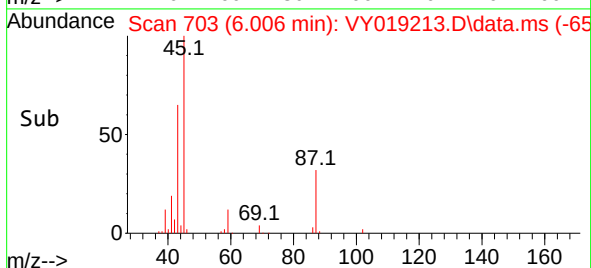
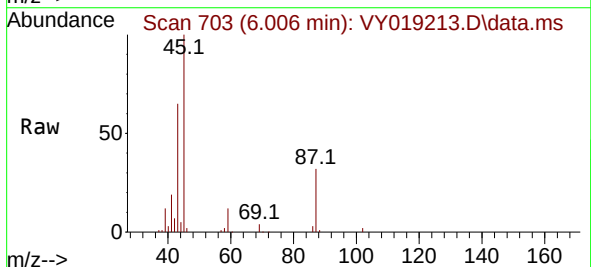


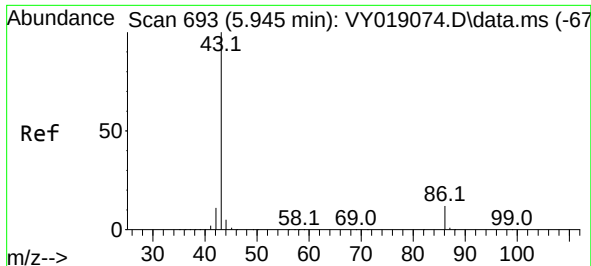
Tgt Ion: 96 Resp: 24295
Ion Ratio Lower Upper
96 100
61 111.4 97.5 146.3
98 59.6 50.5 75.7



#22
Diisopropyl ether
Concen: 19.095 ug/l
RT: 6.006 min Scan# 703
Delta R.T. 0.006 min
Lab File: VY019213.D
Acq: 22 Aug 2024 12:15

Tgt Ion: 45 Resp: 63438
Ion Ratio Lower Upper
45 100
43 64.1 42.2 63.2#
87 31.4 25.0 37.6
59 11.6 10.5 15.7

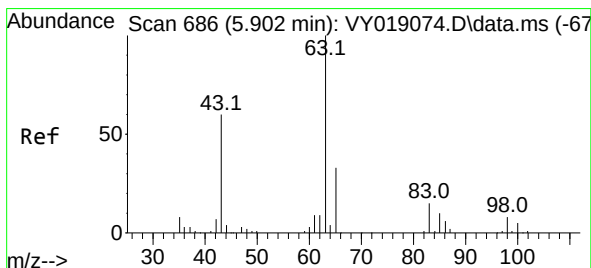
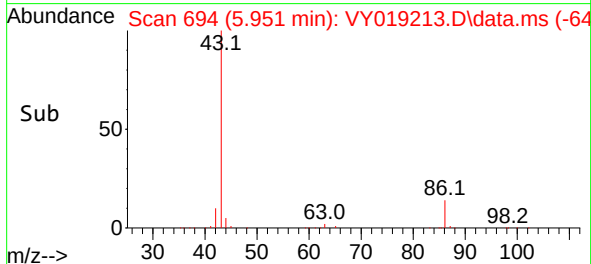
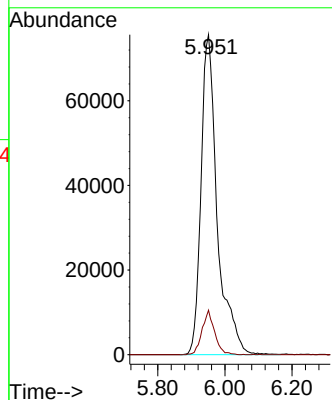
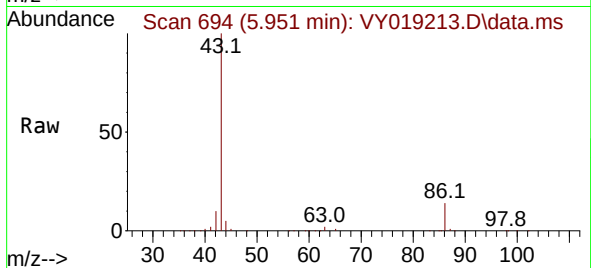




#23
 Vinyl Acetate
 Concen: 96.662 ug/l
 RT: 5.951 min Scan# 694
 Delta R.T. 0.006 min
 Lab File: VY019213.D
 Acq: 22 Aug 2024 12:15

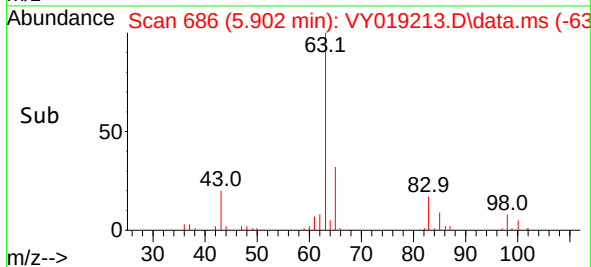
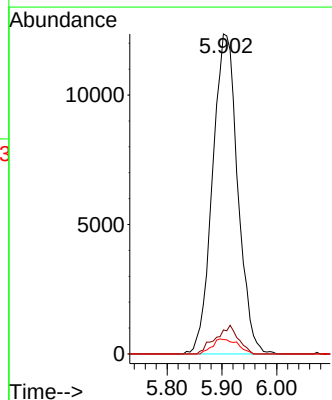
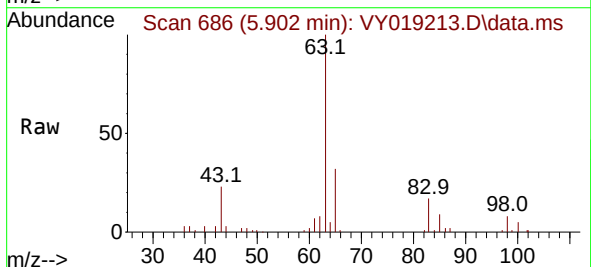
Instrument :
 MSVOA_Y
 ClientSampleId :

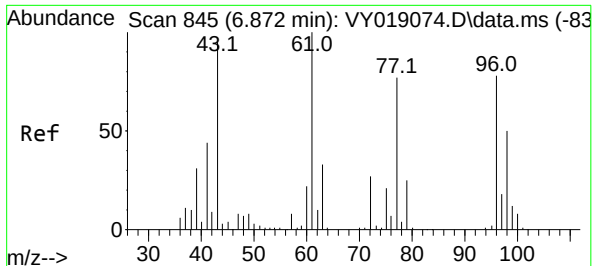
Tgt Ion: 43 Resp: 254248
 Ion Ratio Lower Upper
 43 100
 86 13.9 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 19.417 ug/l
 RT: 5.902 min Scan# 686
 Delta R.T. 0.000 min
 Lab File: VY019213.D
 Acq: 22 Aug 2024 12:15

Tgt Ion: 63 Resp: 39451
 Ion Ratio Lower Upper
 63 100
 98 7.5 4.0 12.2
 100 4.5 2.6 8.0





#25

2-Butanone

Concen: 98.787 ug/l

RT: 6.884 min Scan# 845

Delta R.T. 0.012 min

Lab File: VY019213.D

Acq: 22 Aug 2024 12:15

Instrument :

MSVOA_Y

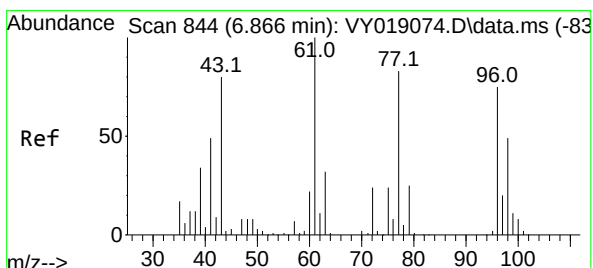
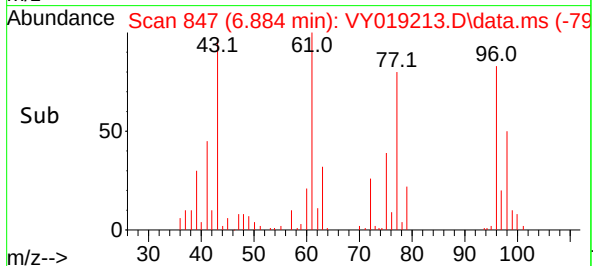
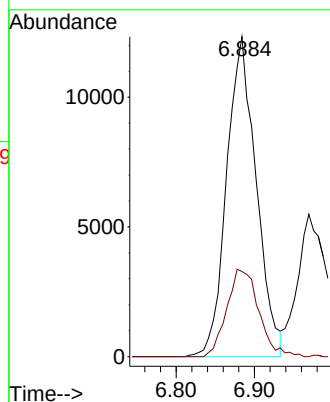
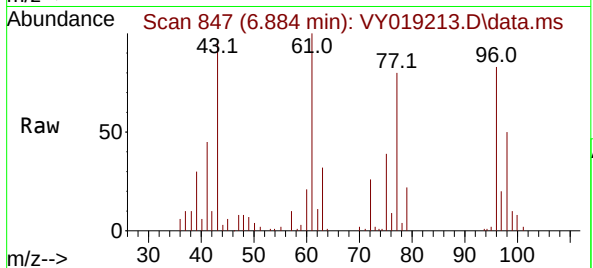
ClientSampleId :

Tgt Ion: 43 Resp: 32364

Ion Ratio Lower Upper

43 100

72 26.6 27.3 40.9#



#26

2,2-Dichloropropane

Concen: 20.706 ug/l

RT: 6.872 min Scan# 845

Delta R.T. 0.006 min

Lab File: VY019213.D

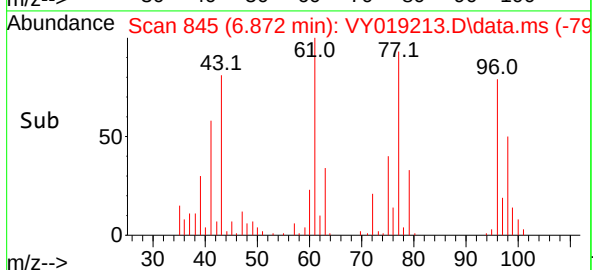
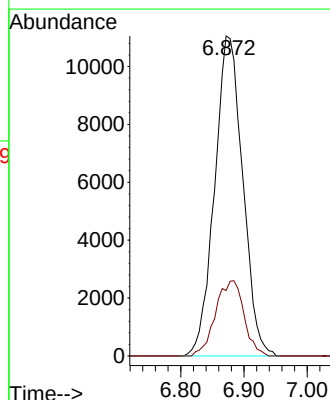
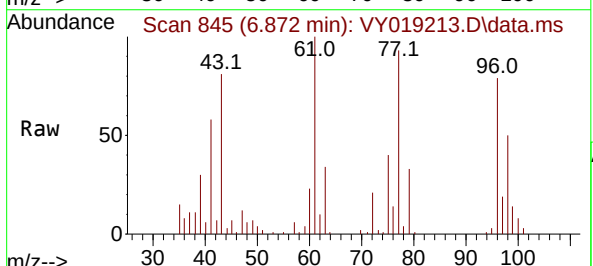
Acq: 22 Aug 2024 12:15

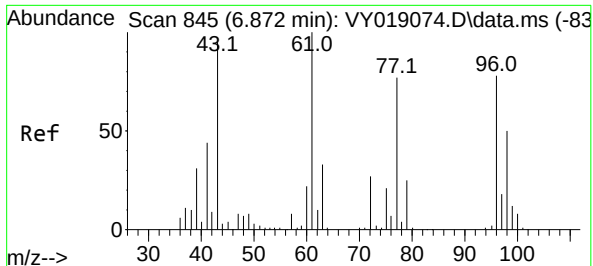
Tgt Ion: 77 Resp: 34067

Ion Ratio Lower Upper

77 100

97 23.8 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 19.765 ug/l

RT: 6.884 min Scan# 845

Delta R.T. 0.012 min

Lab File: VY019213.D

Acq: 22 Aug 2024 12:15

Instrument :

MSVOA_Y

ClientSampleId :

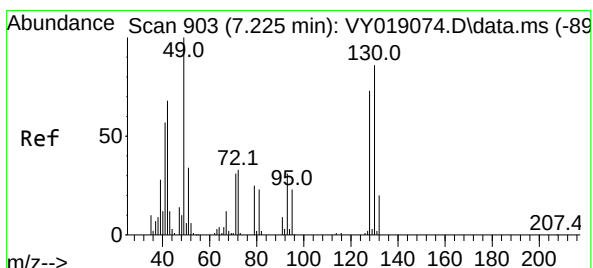
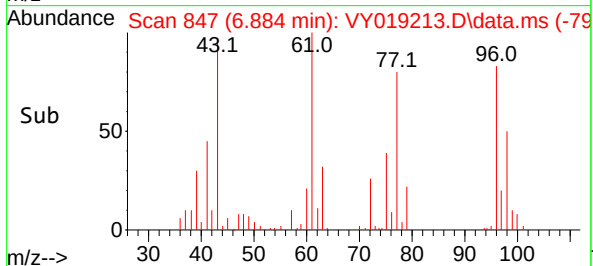
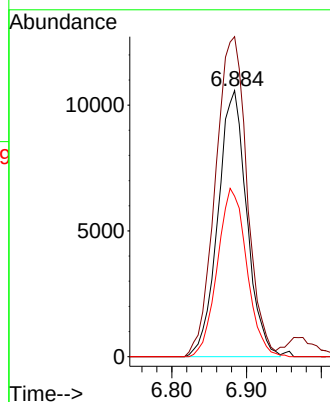
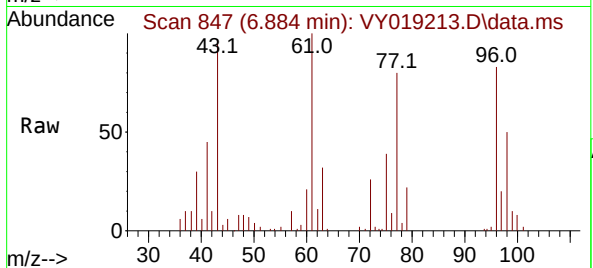
Tgt Ion: 96 Resp: 28365

Ion Ratio Lower Upper

96 100

61 131.8 0.0 256.2

98 64.5 0.0 130.0



#28

Bromochloromethane

Concen: 19.162 ug/l

RT: 7.232 min Scan# 904

Delta R.T. 0.006 min

Lab File: VY019213.D

Acq: 22 Aug 2024 12:15

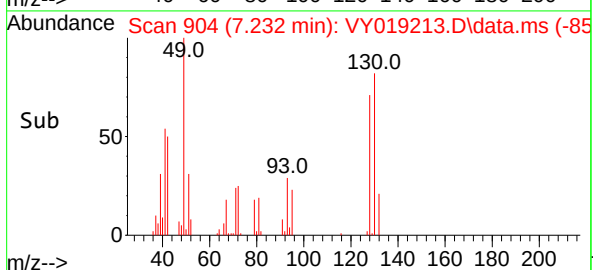
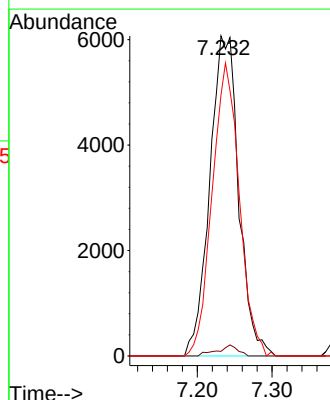
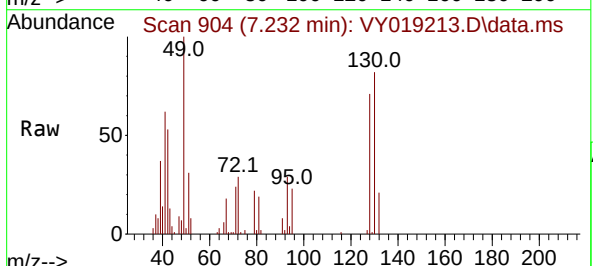
Tgt Ion: 49 Resp: 16331

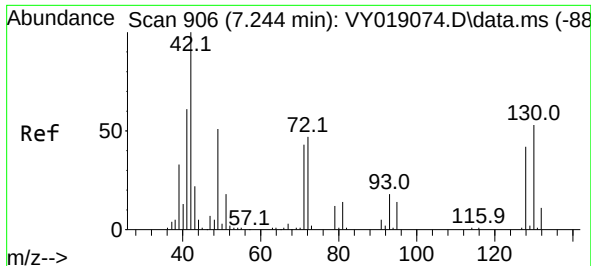
Ion Ratio Lower Upper

49 100

129 2.4 0.0 4.6

130 86.0 72.7 109.1





#29

Tetrahydrofuran

Concen: 95.457 ug/l

RT: 7.250 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY019213.D

Acq: 22 Aug 2024 12:15

Instrument :

MSVOA_Y

ClientSampleId :

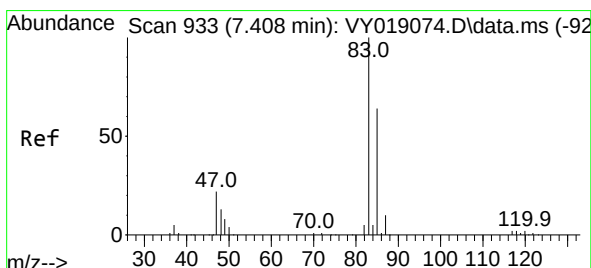
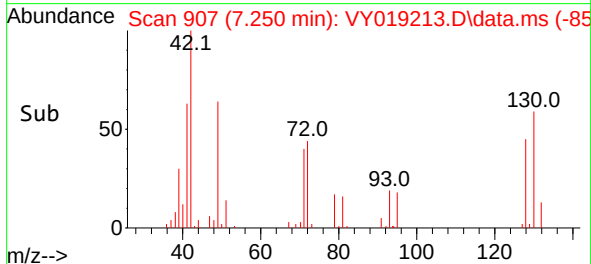
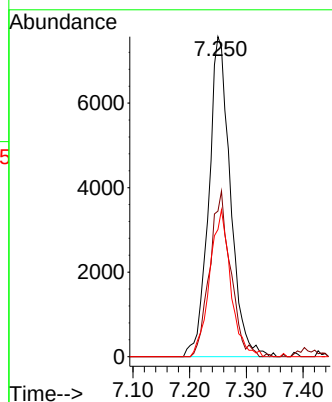
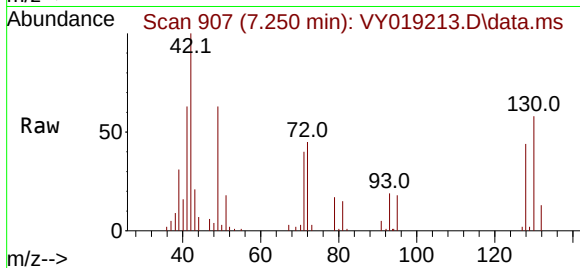
Tgt Ion: 42 Resp: 20103

Ion Ratio Lower Upper

42 100

72 49.8 43.0 64.4

71 44.5 40.8 61.2



#30

Chloroform

Concen: 20.418 ug/l

RT: 7.408 min Scan# 933

Delta R.T. 0.000 min

Lab File: VY019213.D

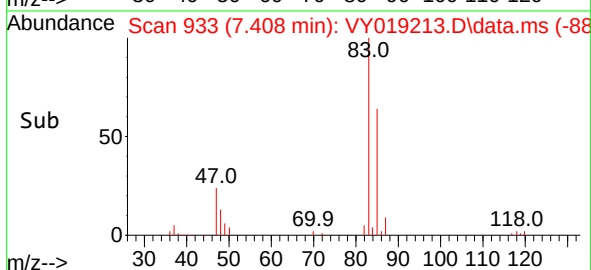
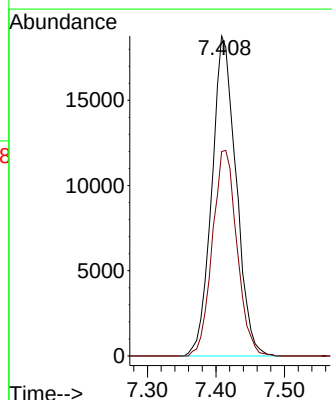
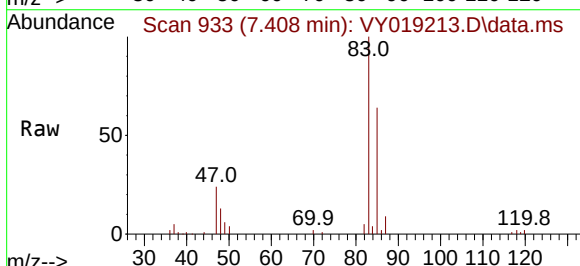
Acq: 22 Aug 2024 12:15

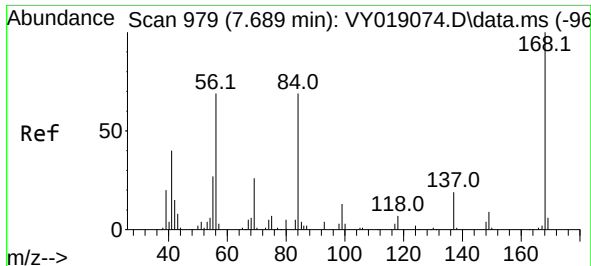
Tgt Ion: 83 Resp: 46225

Ion Ratio Lower Upper

83 100

85 63.9 52.2 78.4

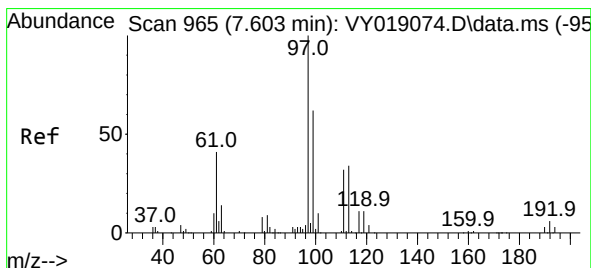
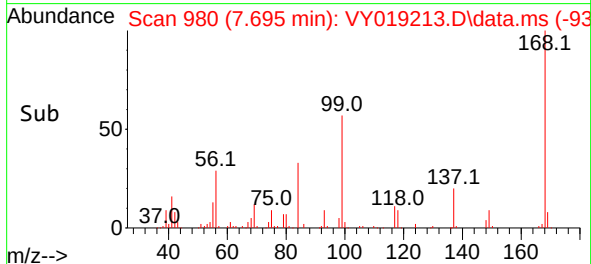
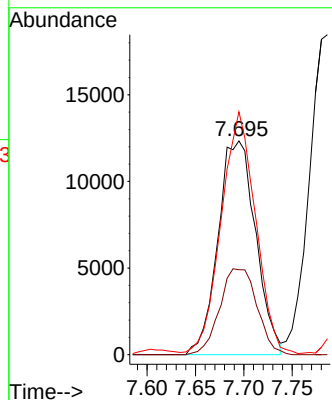
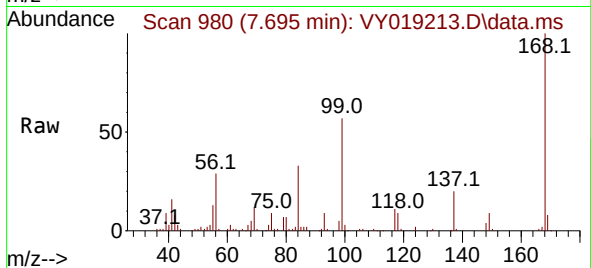




#31
Cyclohexane
Concen: 18.568 ug/l
RT: 7.695 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019213.D
Acq: 22 Aug 2024 12:15

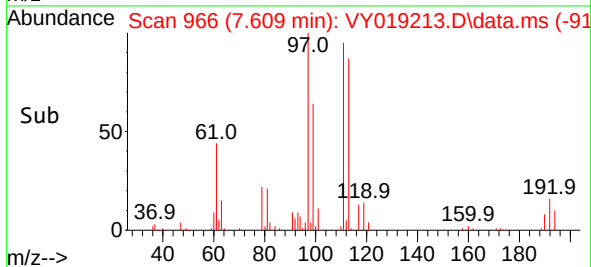
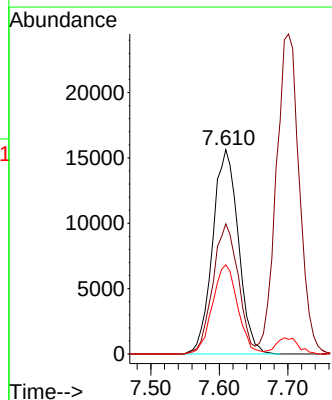
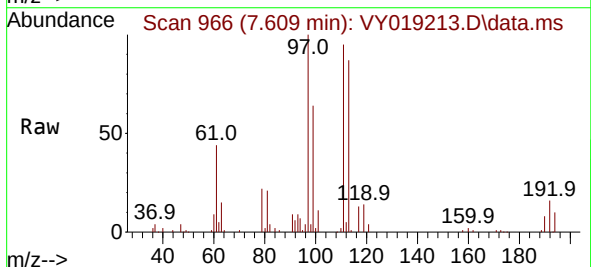
Instrument :
MSVOA_Y
ClientSampleId :

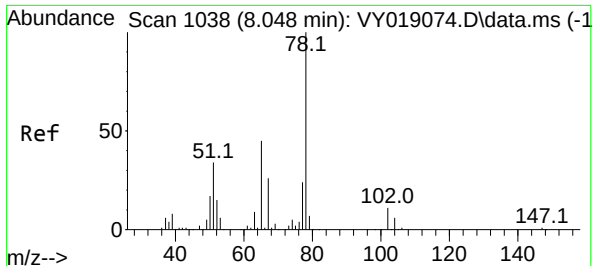
Tgt Ion: 56 Resp: 33356
Ion Ratio Lower Upper
56 100
69 39.7 28.7 43.1
84 112.6 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 20.441 ug/l
RT: 7.609 min Scan# 966
Delta R.T. 0.006 min
Lab File: VY019213.D
Acq: 22 Aug 2024 12:15

Tgt Ion: 97 Resp: 40669
Ion Ratio Lower Upper
97 100
99 63.0 50.3 75.5
61 42.9 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 51.659 ug/l

RT: 8.055 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VY019213.D

Acq: 22 Aug 2024 12:15

Instrument :

MSVOA_Y

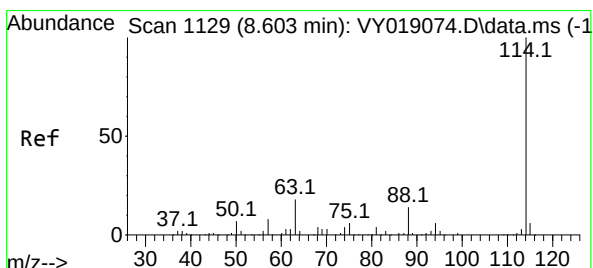
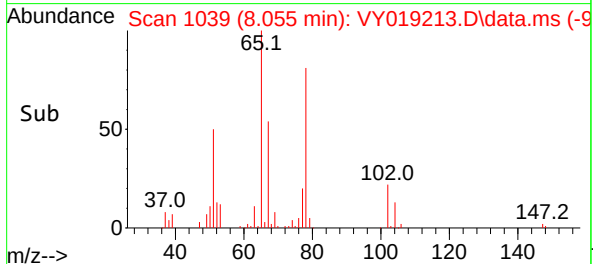
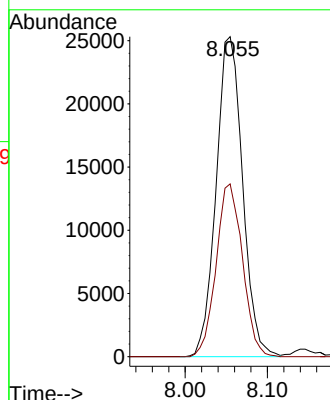
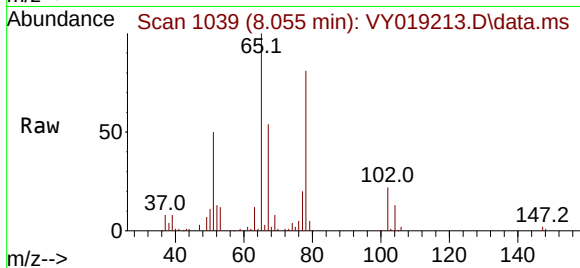
ClientSampleId :

Tgt Ion: 65 Resp: 56666

Ion Ratio Lower Upper

65 100

67 53.7 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.609 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VY019213.D

Acq: 22 Aug 2024 12:15

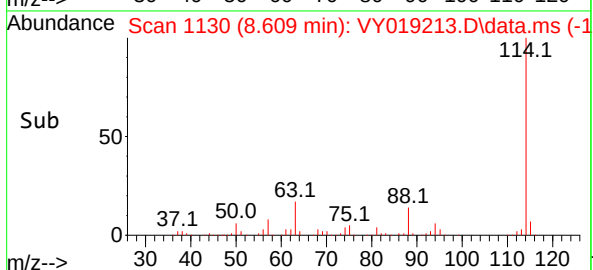
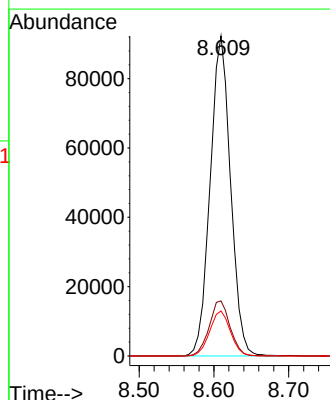
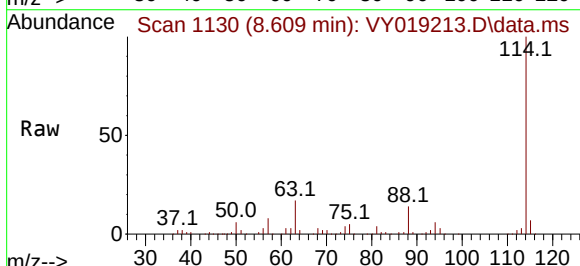
Tgt Ion: 114 Resp: 175354

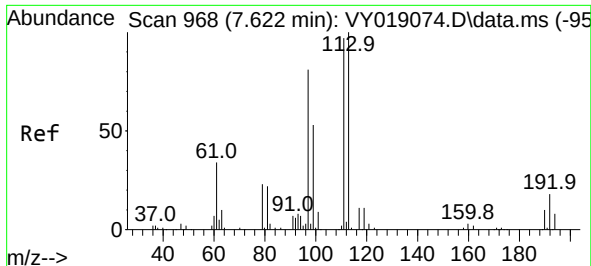
Ion Ratio Lower Upper

114 100

63 17.2 0.0 35.0

88 14.1 0.0 27.2

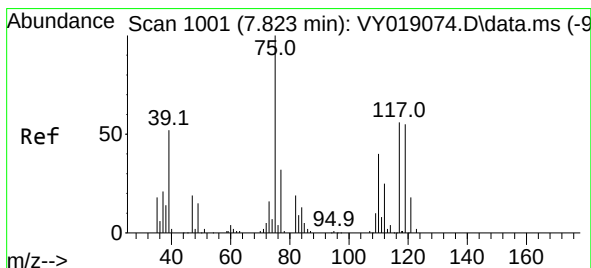
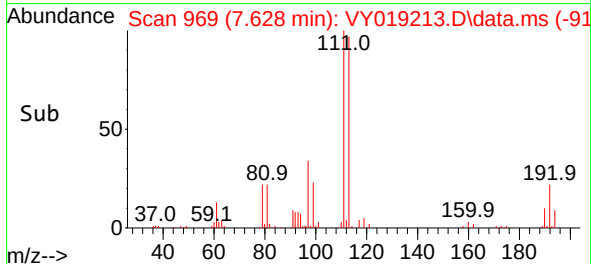
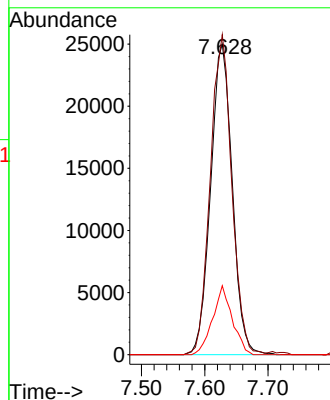
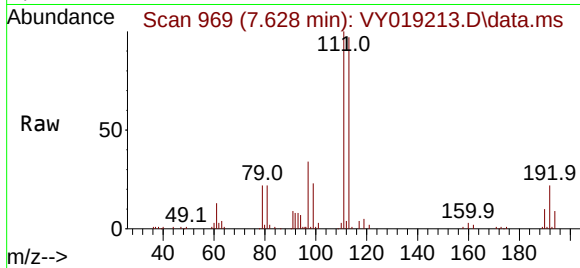




#35
Dibromofluoromethane
Concen: 51.649 ug/l
RT: 7.628 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY019213.D
Acq: 22 Aug 2024 12:15

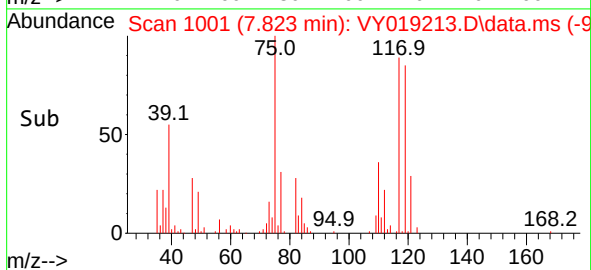
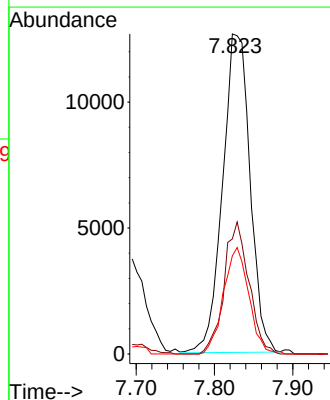
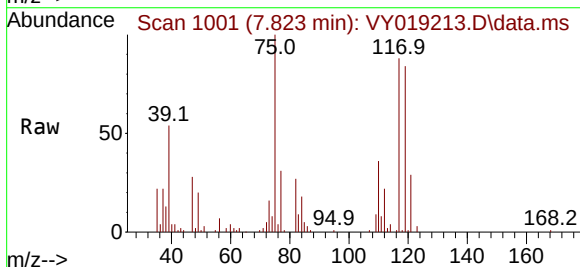
Instrument :
MSVOA_Y
ClientSampleId :

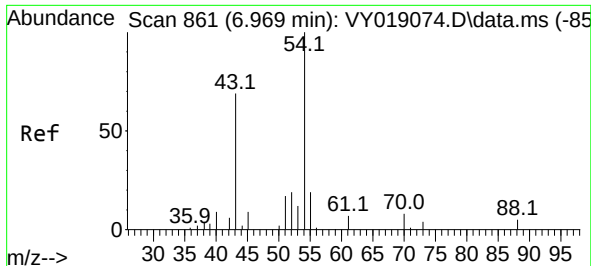
Tgt Ion:113 Resp: 59219
Ion Ratio Lower Upper
113 100
111 102.5 82.2 123.4
192 20.2 15.9 23.9



#36
1,1-Dichloropropene
Concen: 19.578 ug/l
RT: 7.823 min Scan# 1001
Delta R.T. 0.000 min
Lab File: VY019213.D
Acq: 22 Aug 2024 12:15

Tgt Ion: 75 Resp: 30825
Ion Ratio Lower Upper
75 100
110 37.4 19.0 57.0
77 30.9 25.3 37.9





#37

Ethyl Acetate

Concen: 20.775 ug/l

RT: 6.969 min Scan# 861

Delta R.T. 0.000 min

Lab File: VY019213.D

Acq: 22 Aug 2024 12:15

Instrument :

MSVOA_Y

ClientSampleId :

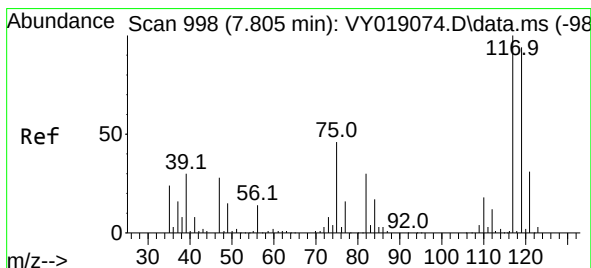
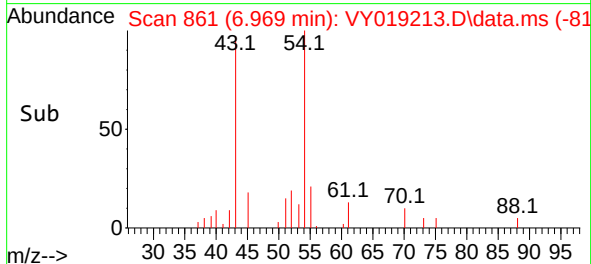
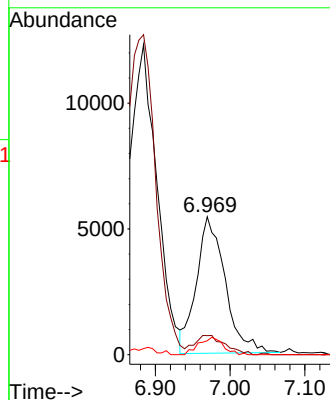
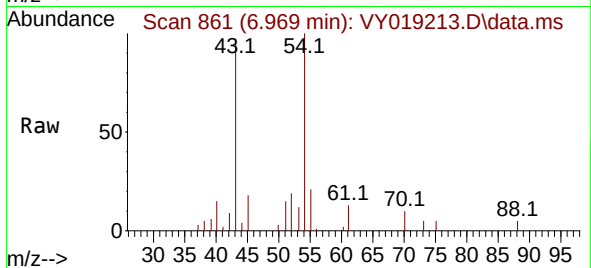
Tgt Ion: 43 Resp: 14492

Ion Ratio Lower Upper

43 100

61 15.0 12.6 19.0

70 10.8 7.8 11.8



#38

Carbon Tetrachloride

Concen: 20.375 ug/l

RT: 7.811 min Scan# 999

Delta R.T. 0.006 min

Lab File: VY019213.D

Acq: 22 Aug 2024 12:15

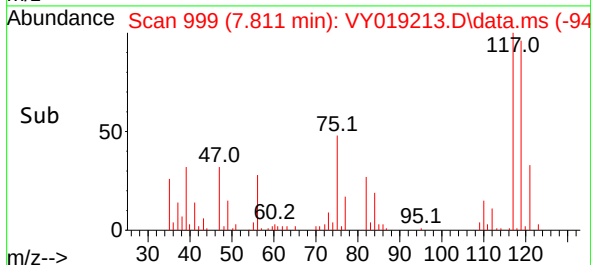
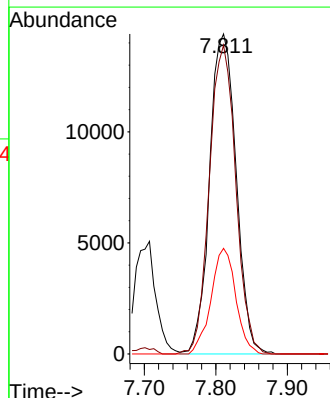
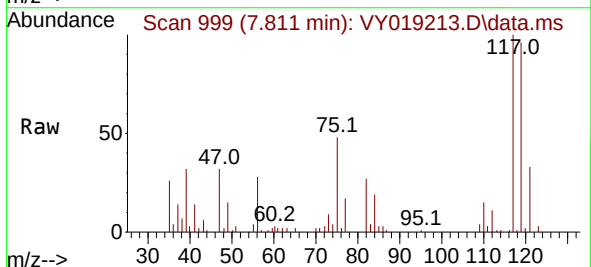
Tgt Ion: 117 Resp: 37176

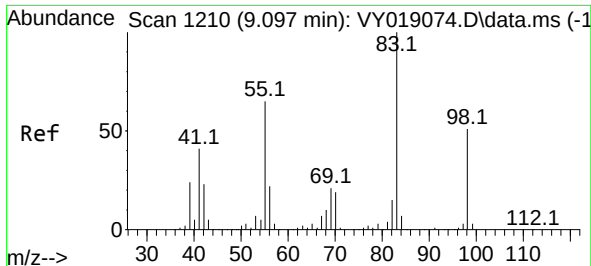
Ion Ratio Lower Upper

117 100

119 96.5 75.8 113.6

121 33.0 24.0 36.0





#39

Methylcyclohexane

Concen: 18.847 ug/l

RT: 9.103 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY019213.D

Acq: 22 Aug 2024 12:15

Instrument :

MSVOA_Y

ClientSampleId :

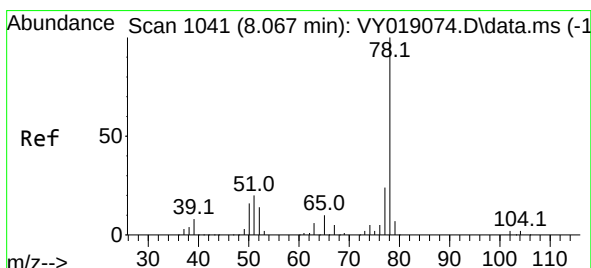
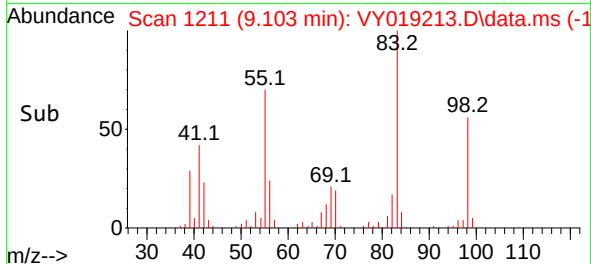
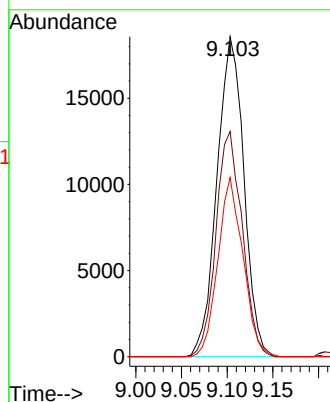
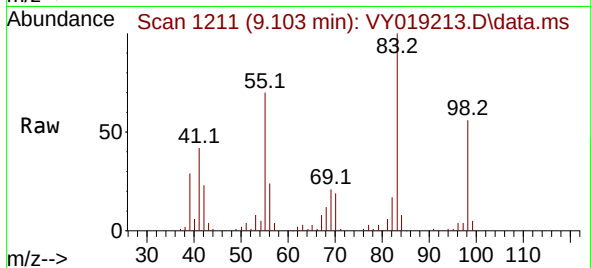
Tgt Ion: 83 Resp: 38080

Ion Ratio Lower Upper

83 100

55 70.4 51.5 77.3

98 56.0 40.5 60.7



#40

Benzene

Concen: 19.918 ug/l

RT: 8.073 min Scan# 1042

Delta R.T. 0.006 min

Lab File: VY019213.D

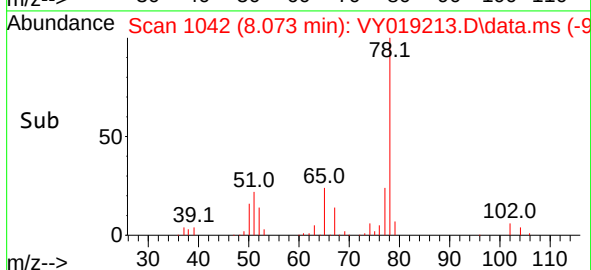
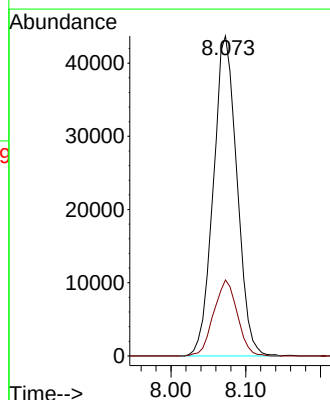
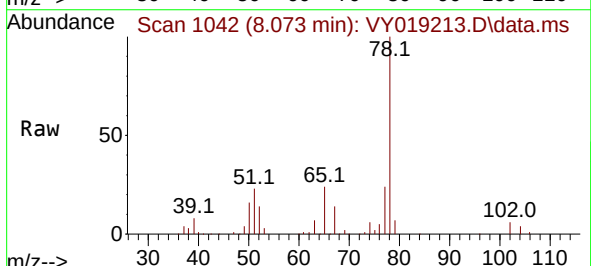
Acq: 22 Aug 2024 12:15

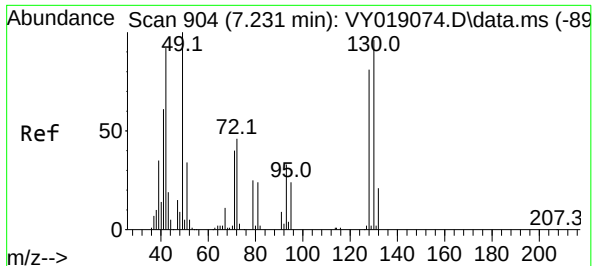
Tgt Ion: 78 Resp: 96181

Ion Ratio Lower Upper

78 100

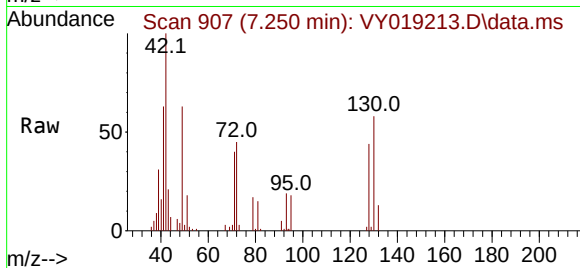
77 23.8 19.5 29.3



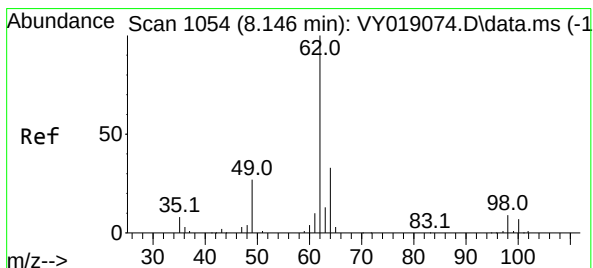
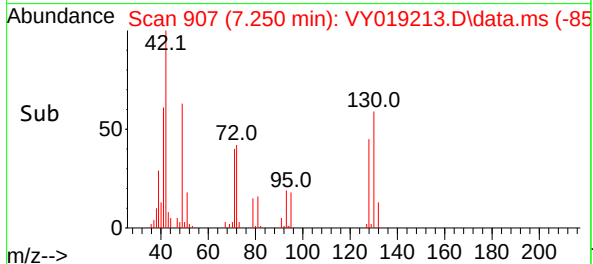
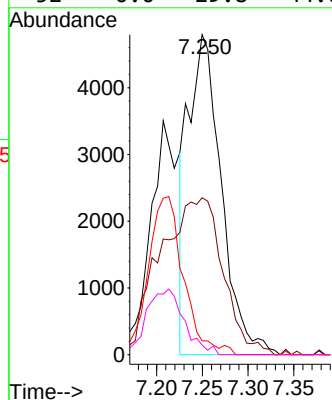


#41
Methacrylonitrile
Concen: 31.831 ug/l
RT: 7.250 min Scan# 904
Delta R.T. 0.018 min
Lab File: VY019213.D
Acq: 22 Aug 2024 12:15

Instrument :
MSVOA_Y
ClientSampleId :

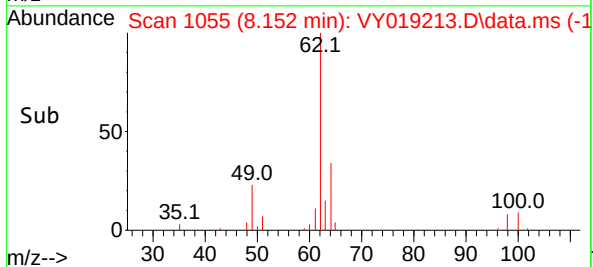
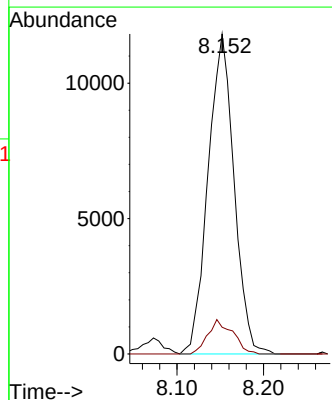
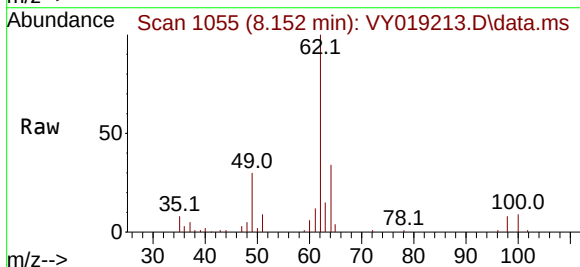


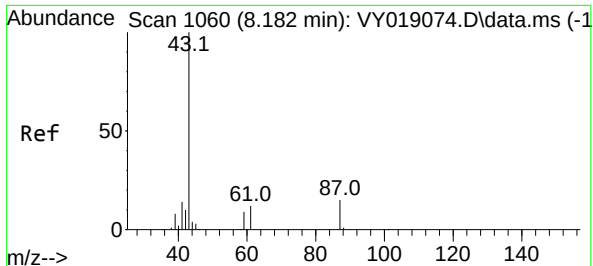
Tgt Ion	Ratio	Lower	Upper
41	100		
39	92.7	48.0	72.0#
67	0.0	75.1	112.7#
52	0.0	29.8	44.6#



#42
1,2-Dichloroethane
Concen: 18.909 ug/l
RT: 8.152 min Scan# 1055
Delta R.T. 0.006 min
Lab File: VY019213.D
Acq: 22 Aug 2024 12:15

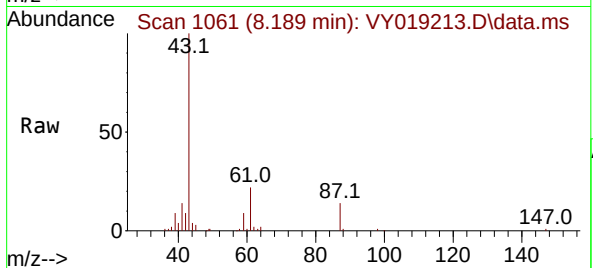
Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	22.0



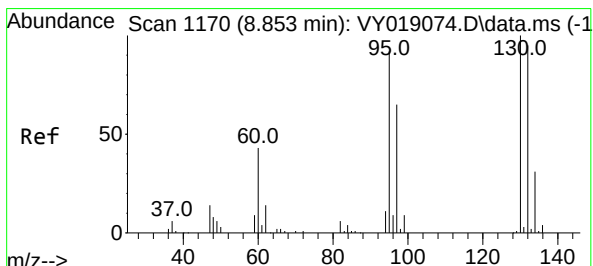
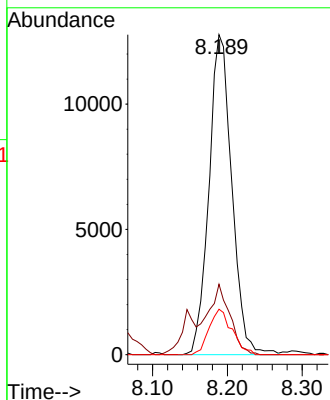
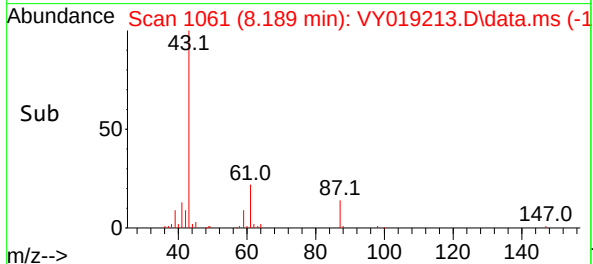


#43
Isopropyl Acetate
Concen: 19.227 ug/l
RT: 8.189 min Scan# 1060
Delta R.T. 0.006 min
Lab File: VY019213.D
Acq: 22 Aug 2024 12:15

Instrument :
MSVOA_Y
ClientSampleId :

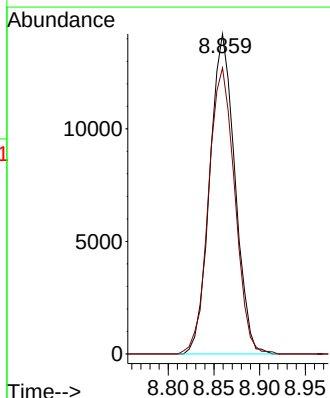
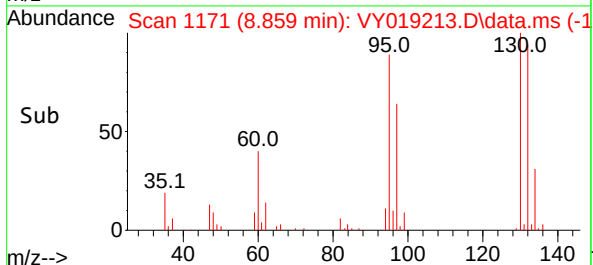
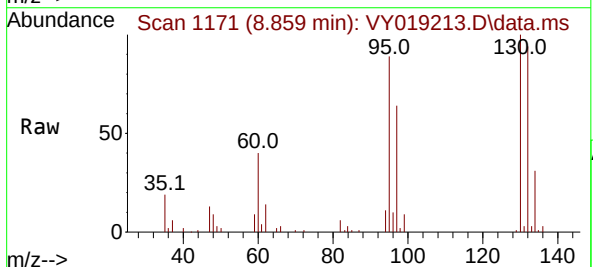


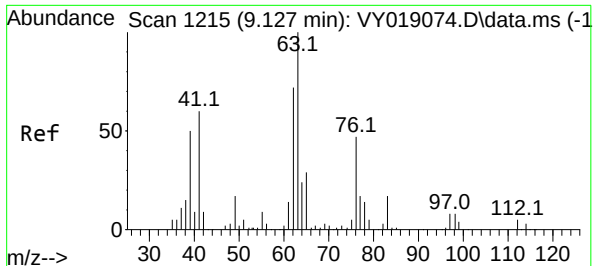
Tgt Ion: 43 Resp: 27124
Ion Ratio Lower Upper
43 100
61 21.6 27.9 41.9#
87 14.3 13.1 19.7



#44
Trichloroethene
Concen: 20.168 ug/l
RT: 8.859 min Scan# 1171
Delta R.T. 0.006 min
Lab File: VY019213.D
Acq: 22 Aug 2024 12:15

Tgt Ion:130 Resp: 27173
Ion Ratio Lower Upper
130 100
95 89.4 0.0 188.0





#45

1,2-Dichloropropane

Concen: 20.117 ug/l

RT: 9.134 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY019213.D

Acq: 22 Aug 2024 12:15

Instrument :

MSVOA_Y

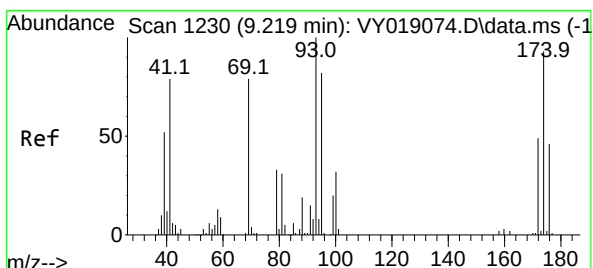
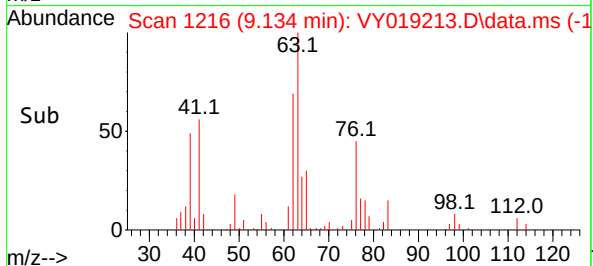
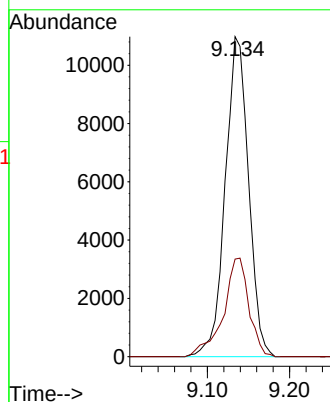
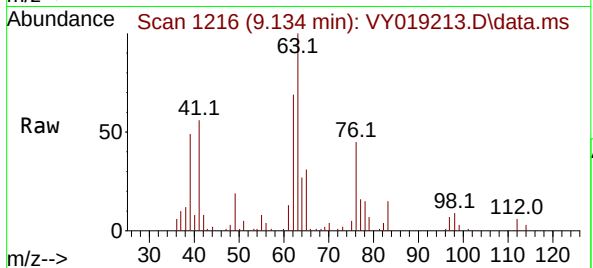
ClientSampleId :

Tgt Ion: 63 Resp: 21643

Ion Ratio Lower Upper

63 100

65 30.5 25.4 38.2



#46

Dibromomethane

Concen: 20.573 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. 0.006 min

Lab File: VY019213.D

Acq: 22 Aug 2024 12:15

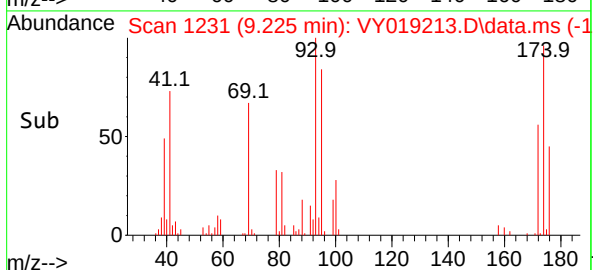
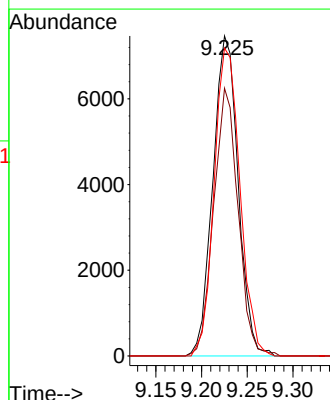
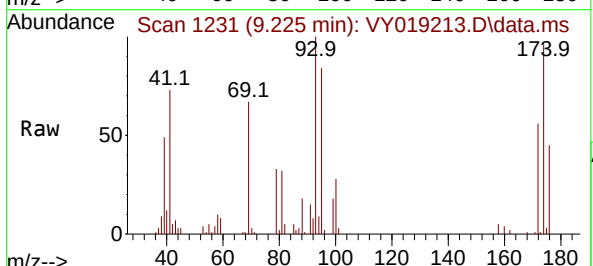
Tgt Ion: 93 Resp: 14356

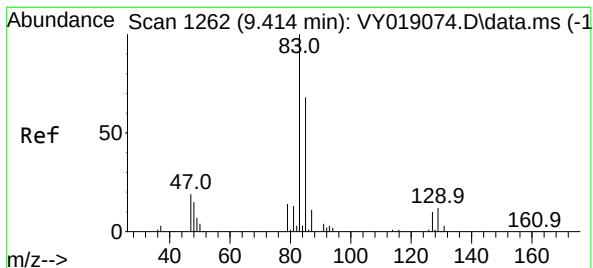
Ion Ratio Lower Upper

93 100

95 80.7 66.2 99.4

174 98.3 80.9 121.3





#47

Bromodichloromethane

Concen: 20.370 ug/l

RT: 9.420 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY019213.D

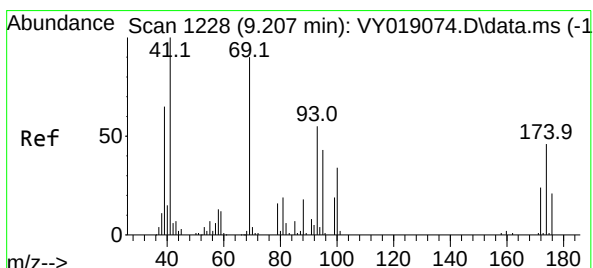
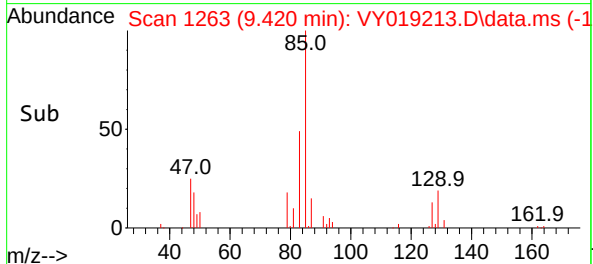
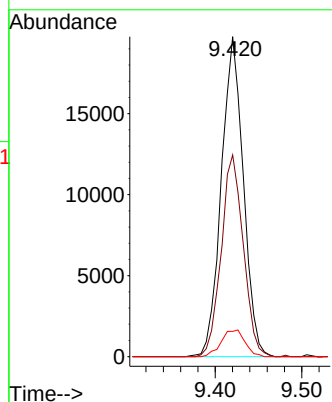
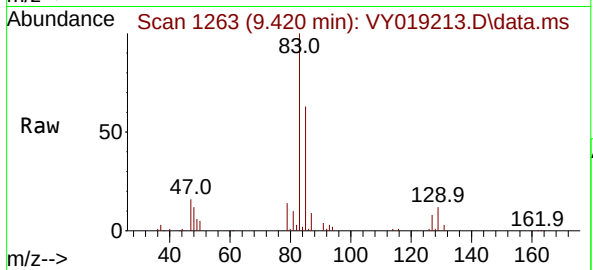
Acq: 22 Aug 2024 12:15

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 83	Resp: 34873
Ion Ratio	Lower Upper
83	100
85	63.0 50.1 75.1
127	7.9 7.4 11.0



#48

Methyl methacrylate

Concen: 18.732 ug/l

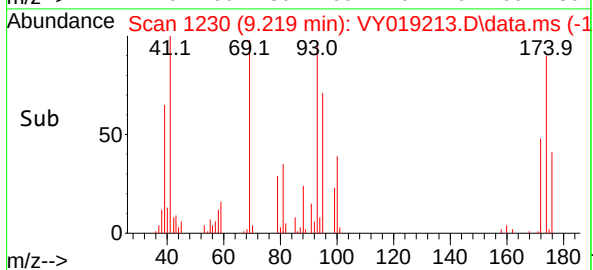
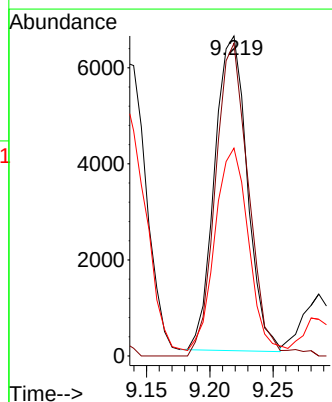
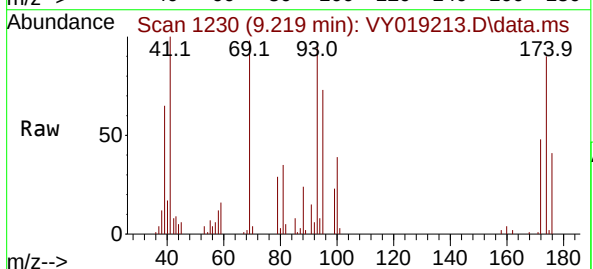
RT: 9.219 min Scan# 1230

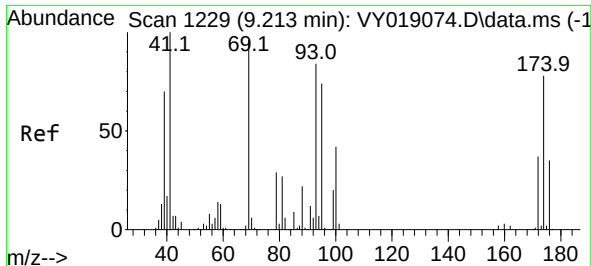
Delta R.T. 0.012 min

Lab File: VY019213.D

Acq: 22 Aug 2024 12:15

Tgt Ion: 41	Resp: 11777
Ion Ratio	Lower Upper
41	100
69	100.4 84.1 126.1
39	66.2 43.6 65.4





#49

1,4-Dioxane

Concen: 406.491 ug/l

RT: 9.219 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VY019213.D

Acq: 22 Aug 2024 12:15

Instrument :

MSVOA_Y

ClientSampleId :

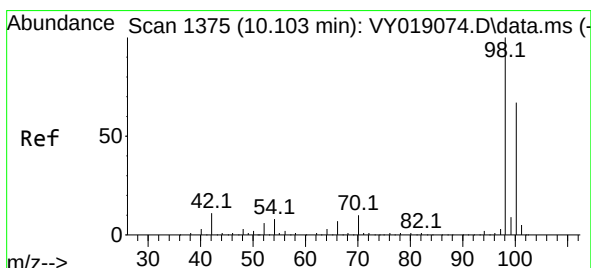
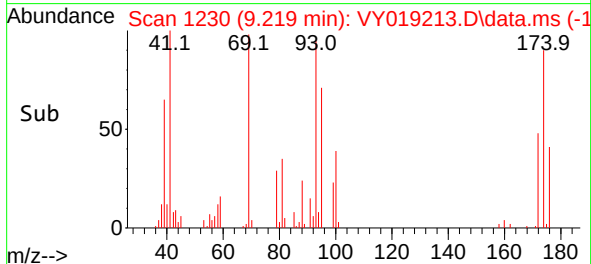
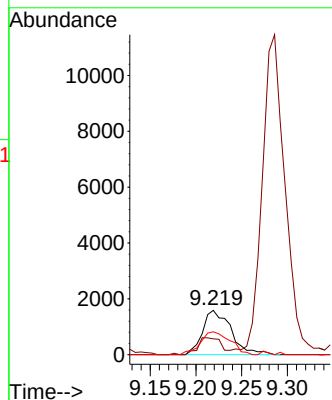
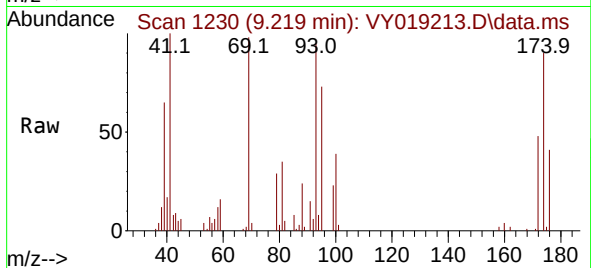
Tgt Ion: 88 Resp: 3436

Ion Ratio Lower Upper

88 100

43 31.7 0.0 0.0#

58 54.0 49.3 73.9



#50

Toluene-d8

Concen: 52.482 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY019213.D

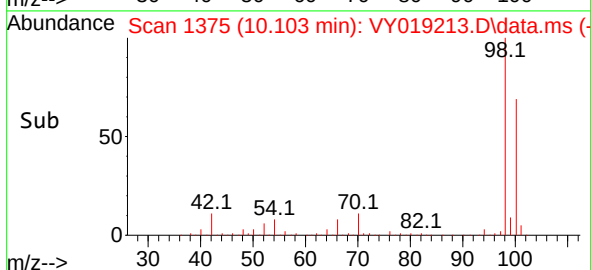
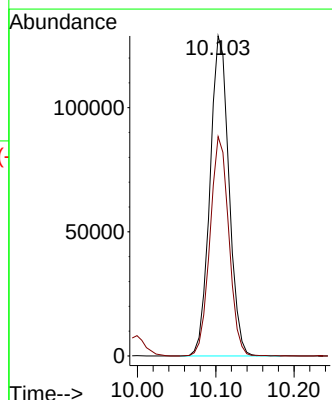
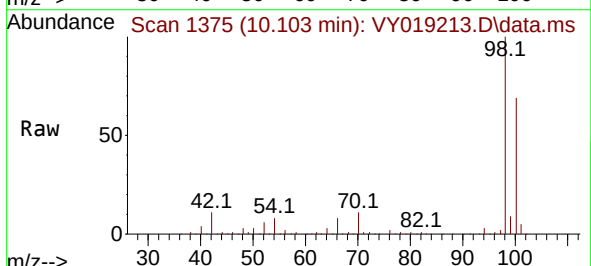
Acq: 22 Aug 2024 12:15

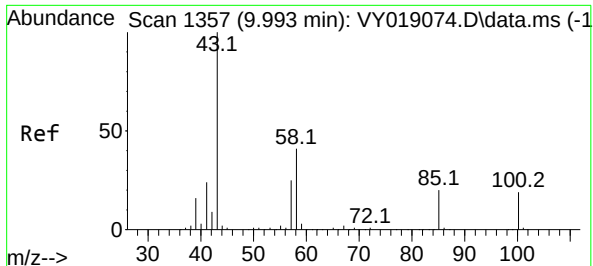
Tgt Ion: 98 Resp: 216548

Ion Ratio Lower Upper

98 100

100 68.0 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 97.189 ug/l

RT: 9.999 min Scan# 1357

Delta R.T. 0.006 min

Lab File: VY019213.D

Acq: 22 Aug 2024 12:15

Instrument :

MSVOA_Y

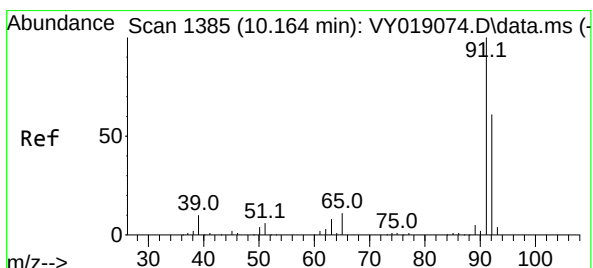
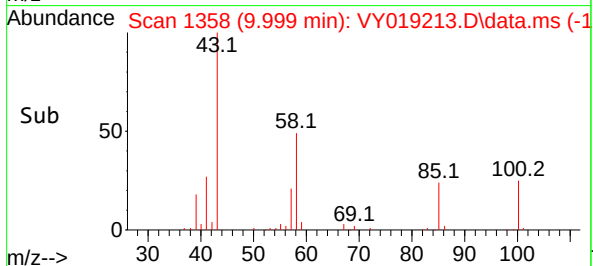
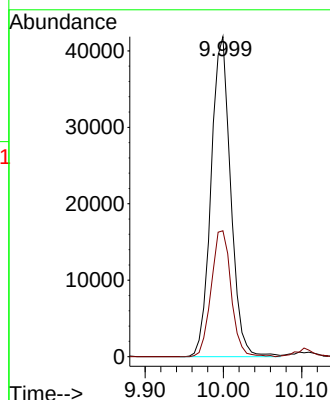
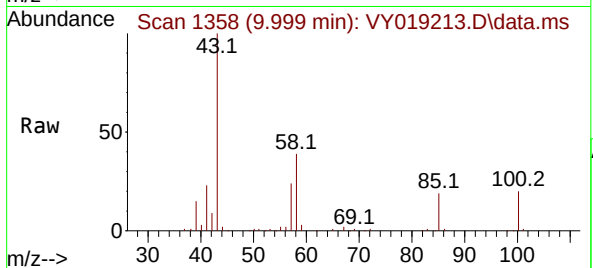
ClientSampleId :

Tgt Ion: 43 Resp: 72771

Ion Ratio Lower Upper

43 100

58 40.0 35.7 53.5



#52

Toluene

Concen: 20.282 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.006 min

Lab File: VY019213.D

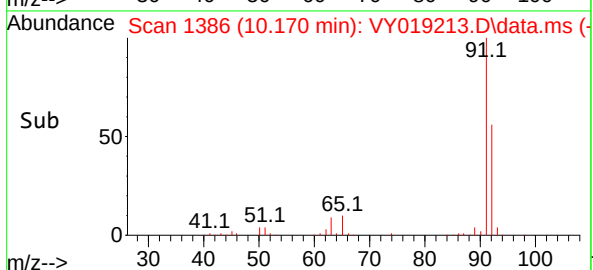
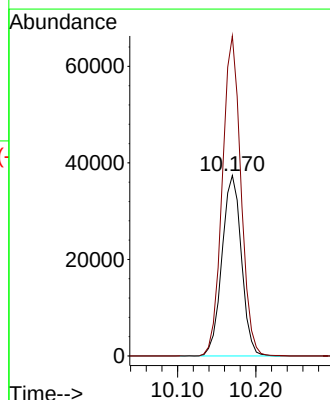
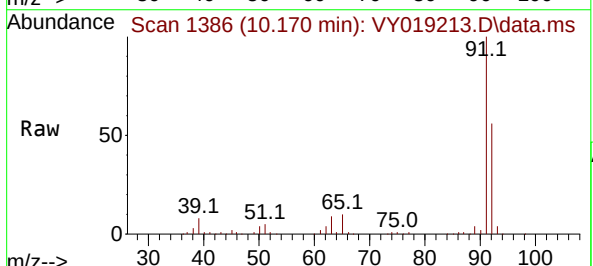
Acq: 22 Aug 2024 12:15

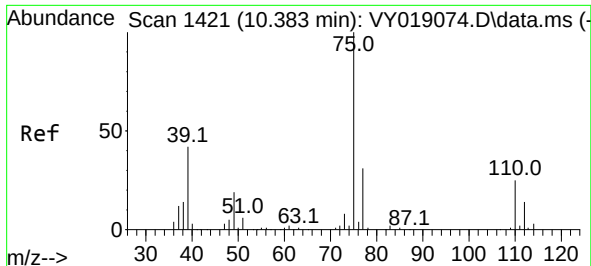
Tgt Ion: 92 Resp: 64289

Ion Ratio Lower Upper

92 100

91 170.5 139.0 208.6





#53

t-1,3-Dichloropropene

Concen: 20.378 ug/l

RT: 10.389 min Scan# 1421

Delta R.T. 0.006 min

Lab File: VY019213.D

Acq: 22 Aug 2024 12:15

Instrument :

MSVOA_Y

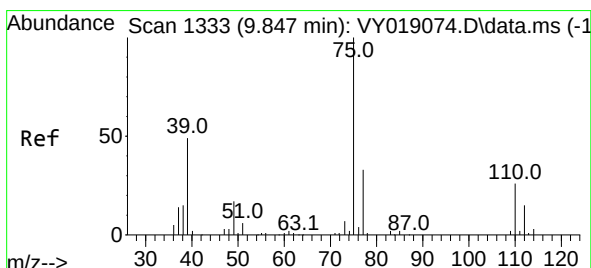
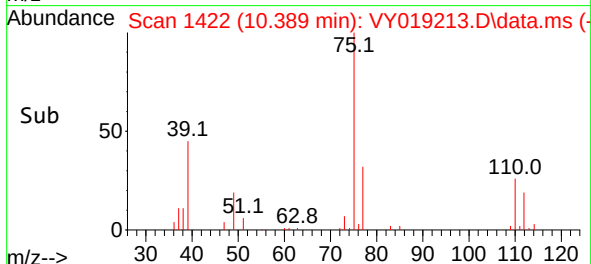
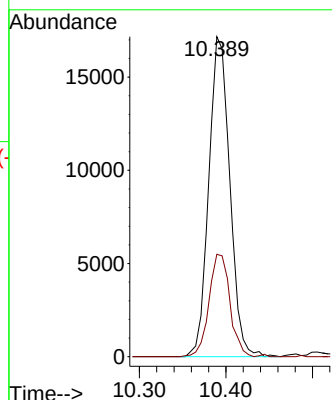
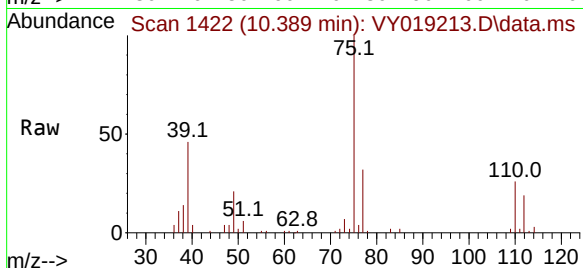
ClientSampleId :

Tgt Ion: 75 Resp: 28939

Ion Ratio Lower Upper

75 100

77 32.0 24.1 36.1



#54

cis-1,3-Dichloropropene

Concen: 20.252 ug/l

RT: 9.853 min Scan# 1334

Delta R.T. 0.006 min

Lab File: VY019213.D

Acq: 22 Aug 2024 12:15

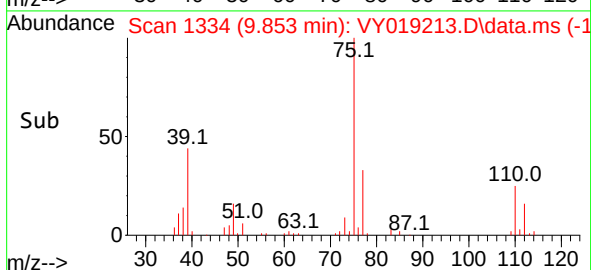
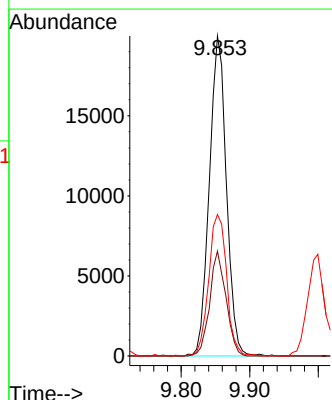
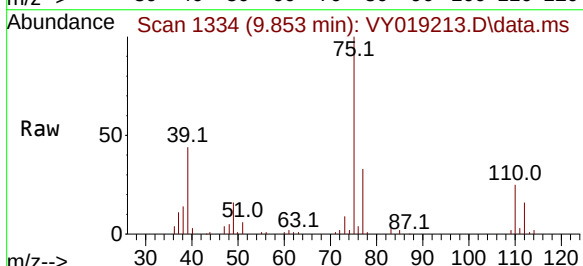
Tgt Ion: 75 Resp: 34589

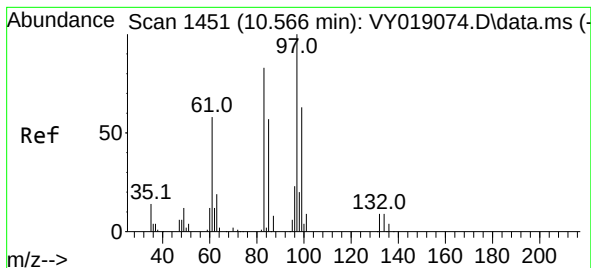
Ion Ratio Lower Upper

75 100

77 32.7 25.4 38.0

39 44.2 29.8 44.6





#55

1,1,2-Trichloroethane

Concen: 21.423 ug/l

RT: 10.572 min Scan# 1451

Delta R.T. 0.006 min

Lab File: VY019213.D

Acq: 22 Aug 2024 12:15

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 19244

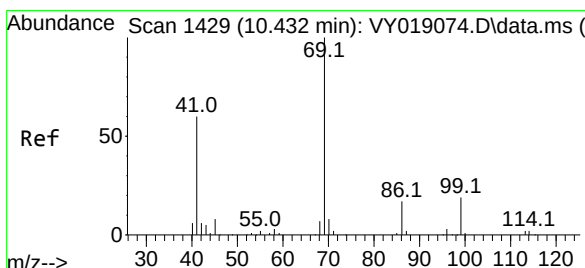
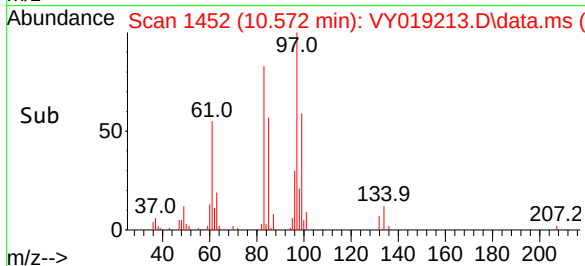
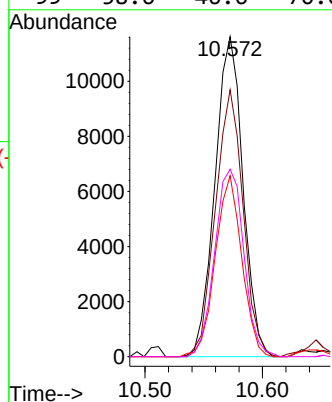
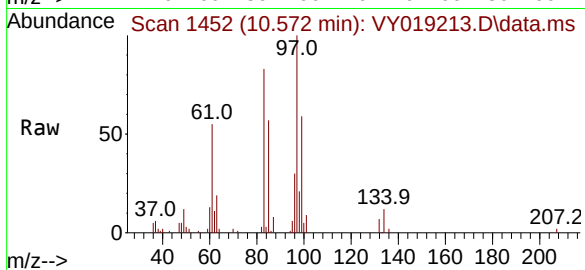
Ion Ratio Lower Upper

97 100

83 83.4 67.5 101.3

85 56.5 42.9 64.3

99 58.6 46.6 70.0



#56

Ethyl methacrylate

Concen: 19.078 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. 0.006 min

Lab File: VY019213.D

Acq: 22 Aug 2024 12:15

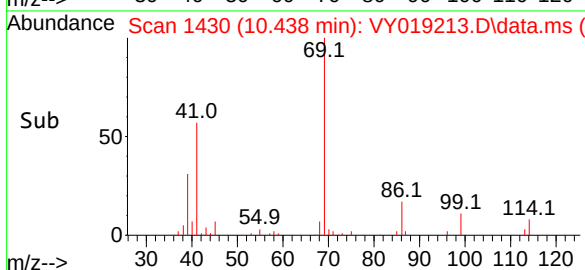
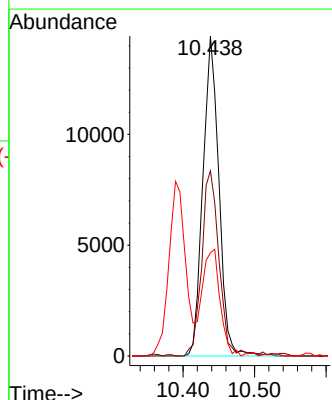
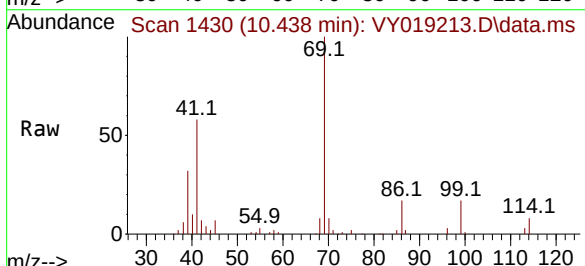
Tgt Ion: 69 Resp: 22432

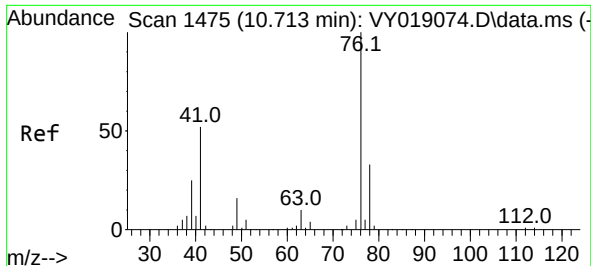
Ion Ratio Lower Upper

69 100

41 62.4 42.3 63.5

39 36.9 22.9 34.3#





#57

1,3-Dichloropropane

Concen: 20.177 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VY019213.D

Acq: 22 Aug 2024 12:15

Instrument :

MSVOA_Y

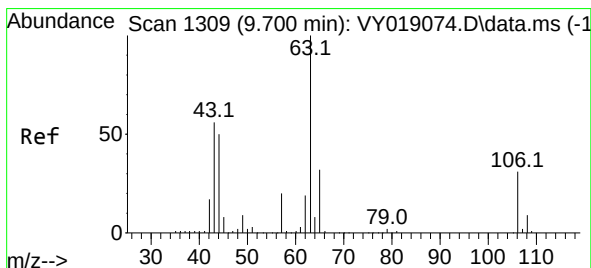
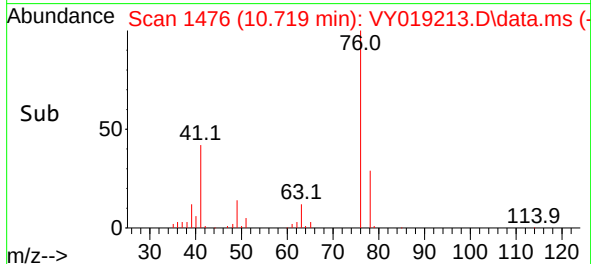
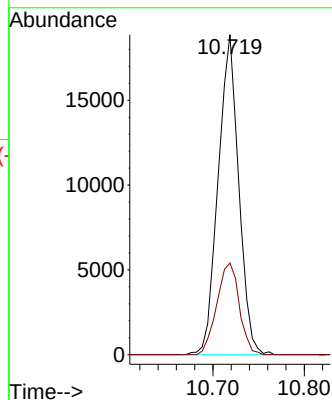
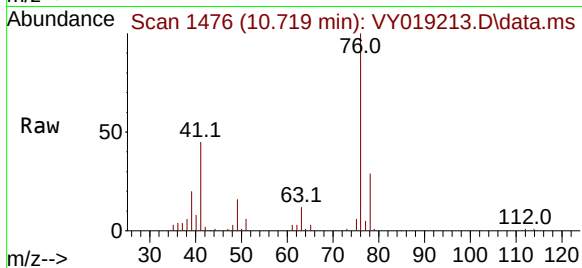
ClientSampleId :

Tgt Ion: 76 Resp: 29547

Ion Ratio Lower Upper

76 100

78 31.2 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 95.572 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. 0.006 min

Lab File: VY019213.D

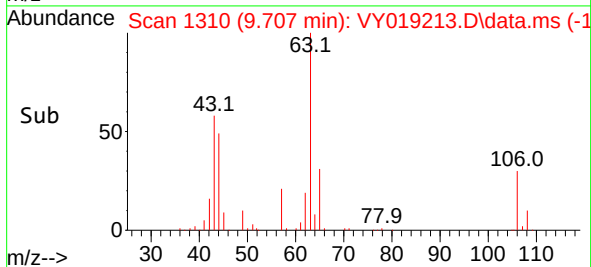
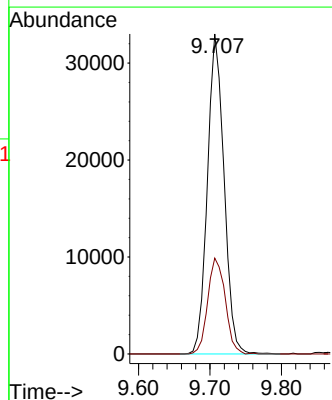
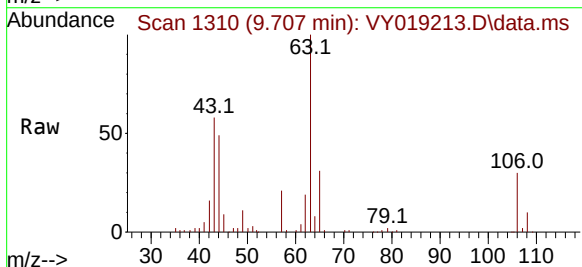
Acq: 22 Aug 2024 12:15

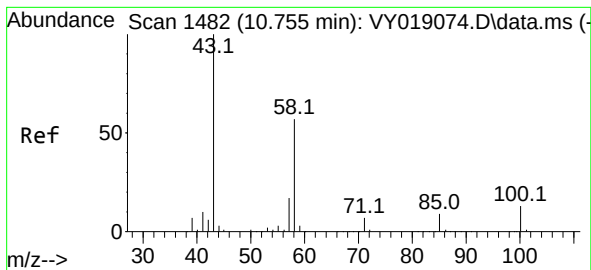
Tgt Ion: 63 Resp: 53309

Ion Ratio Lower Upper

63 100

106 31.6 23.7 35.5





#59

2-Hexanone

Concen: 99.444 ug/l

RT: 10.761 min Scan# 1482

Delta R.T. 0.006 min

Lab File: VY019213.D

Acq: 22 Aug 2024 12:15

Instrument :

MSVOA_Y

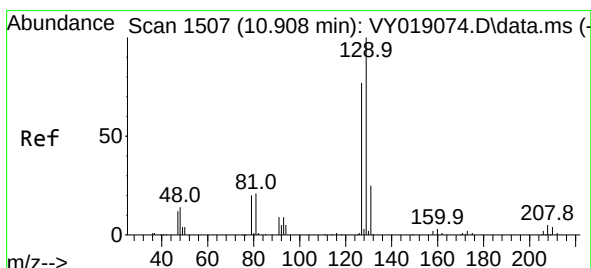
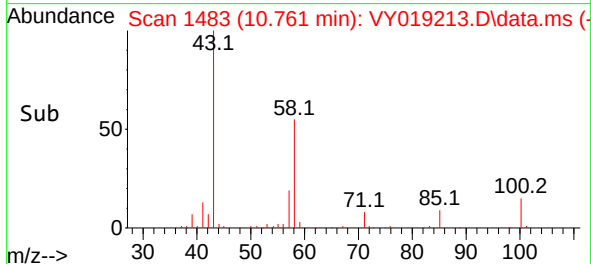
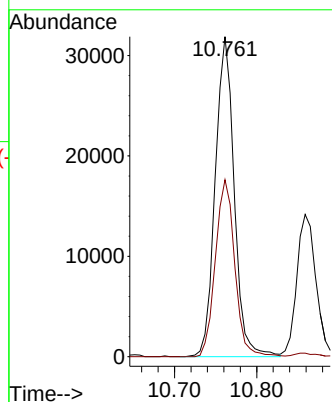
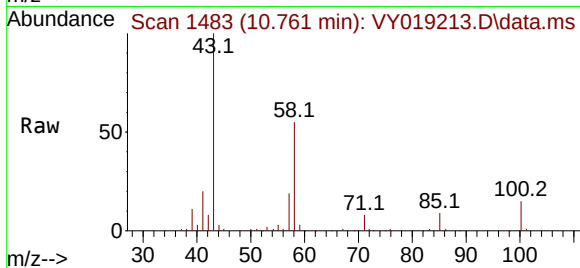
ClientSampleId :

Tgt Ion: 43 Resp: 51155

Ion Ratio Lower Upper

43 100

58 56.5 31.4 94.0



#60

Dibromochloromethane

Concen: 20.025 ug/l

RT: 10.908 min Scan# 1507

Delta R.T. 0.000 min

Lab File: VY019213.D

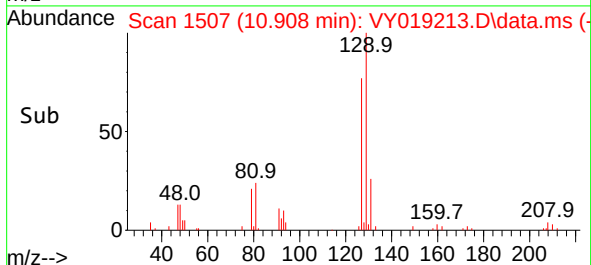
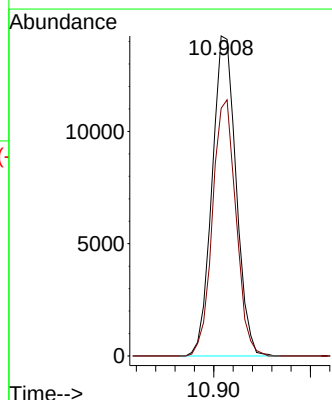
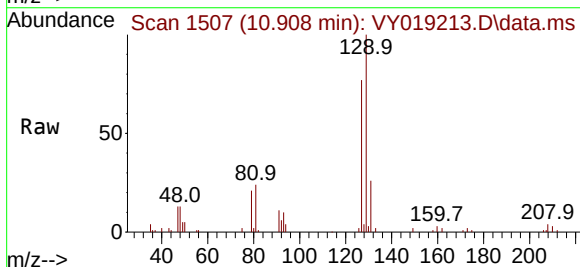
Acq: 22 Aug 2024 12:15

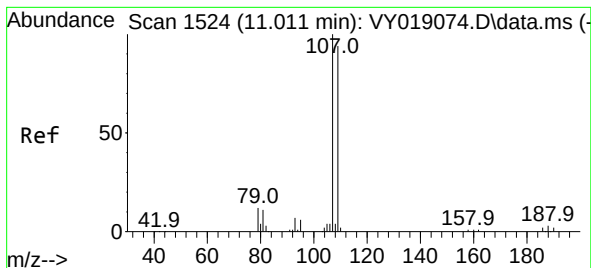
Tgt Ion:129 Resp: 24500

Ion Ratio Lower Upper

129 100

127 78.5 39.0 117.0





#61

1,2-Dibromoethane

Concen: 19.927 ug/l

RT: 11.011 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019213.D

Acq: 22 Aug 2024 12:15

Instrument :

MSVOA_Y

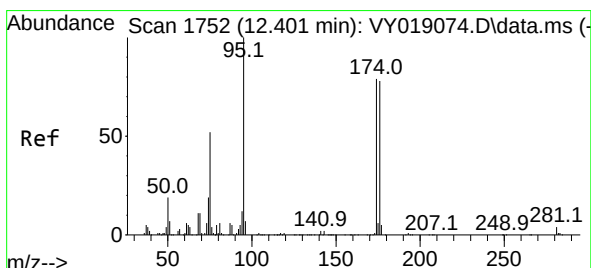
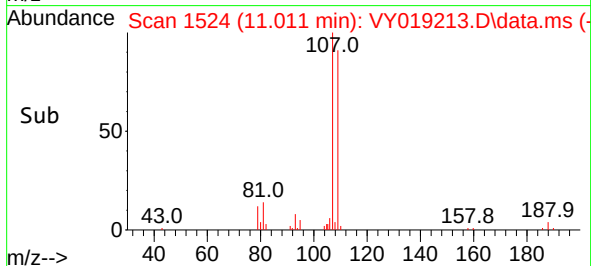
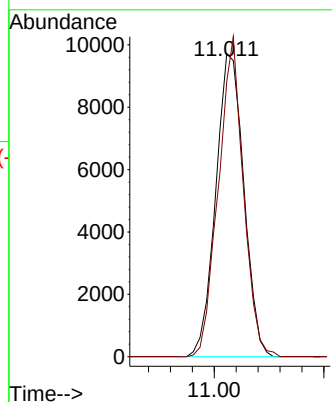
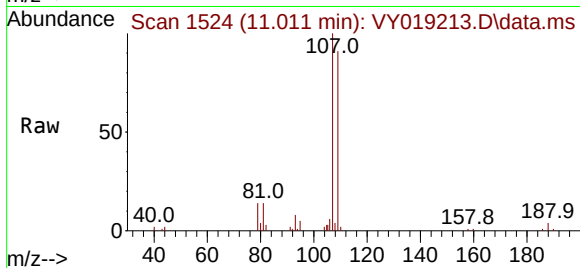
ClientSampleId :

Tgt Ion:107 Resp: 17301

Ion Ratio Lower Upper

107 100

109 93.4 75.9 113.9



#62

4-Bromofluorobenzene

Concen: 52.778 ug/l

RT: 12.407 min Scan# 1753

Delta R.T. 0.006 min

Lab File: VY019213.D

Acq: 22 Aug 2024 12:15

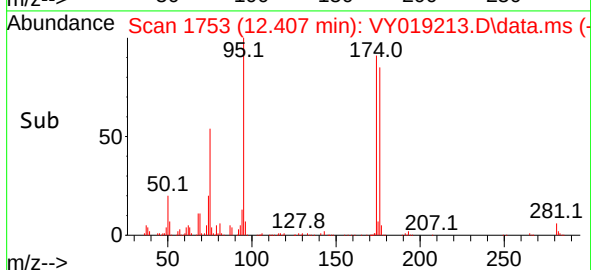
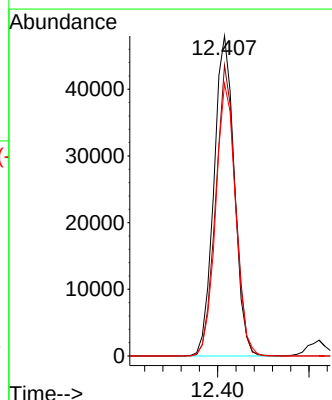
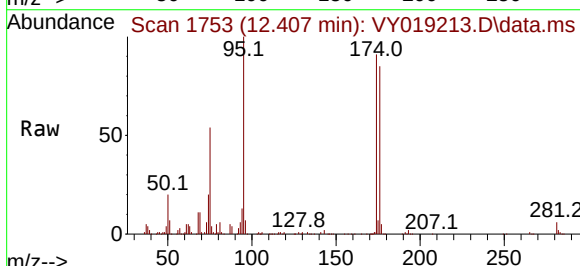
Tgt Ion: 95 Resp: 74237

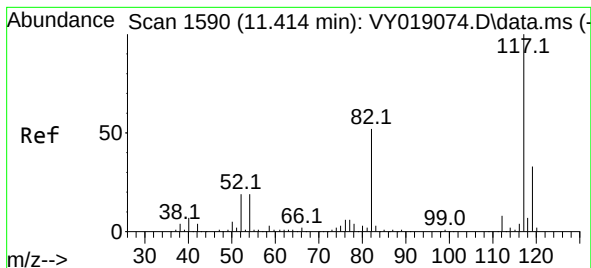
Ion Ratio Lower Upper

95 100

174 87.7 0.0 175.6

176 83.7 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY019213.D

Acq: 22 Aug 2024 12:15

Instrument :

MSVOA_Y

ClientSampleId :

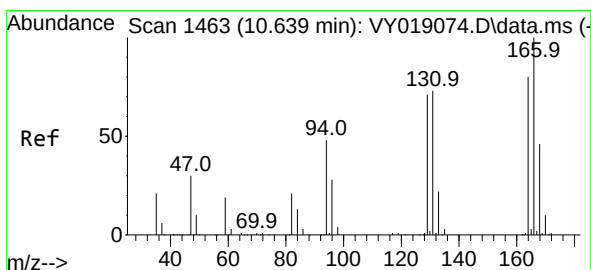
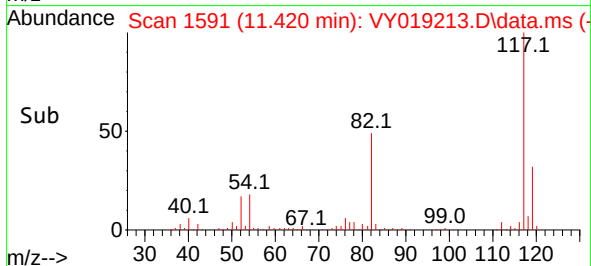
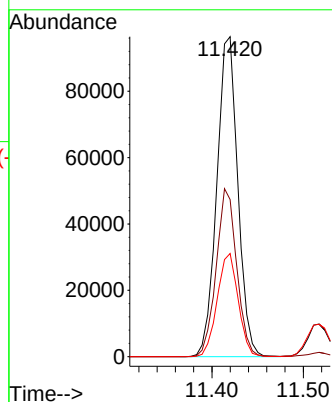
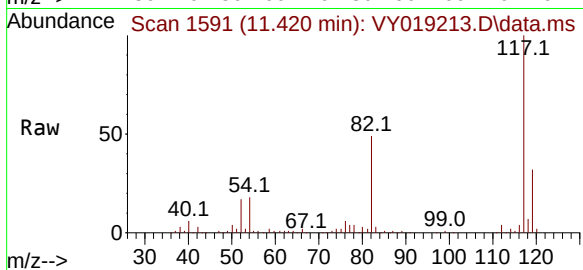
Tgt Ion:117 Resp: 154105

Ion Ratio Lower Upper

117 100

82 49.1 42.4 63.6

119 32.3 25.9 38.9



#64

Tetrachloroethene

Concen: 20.340 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. 0.006 min

Lab File: VY019213.D

Acq: 22 Aug 2024 12:15

Tgt Ion:164 Resp: 27398

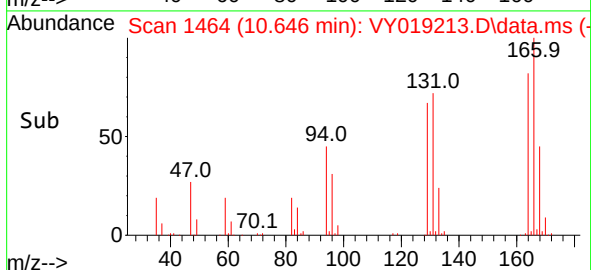
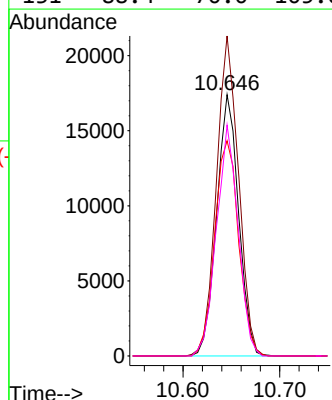
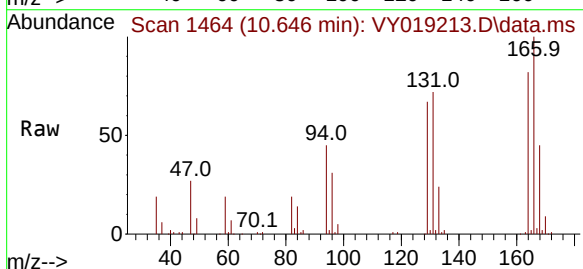
Ion Ratio Lower Upper

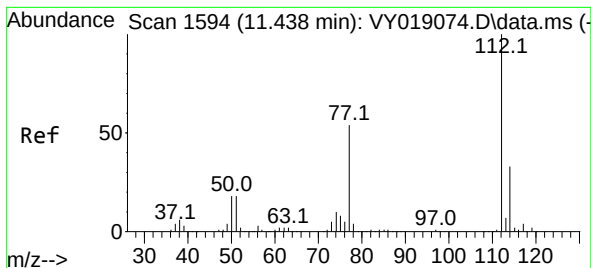
164 100

166 122.5 102.6 154.0

129 82.4 72.0 108.0

131 88.4 70.0 105.0





#65

Chlorobenzene

Concen: 19.767 ug/l

RT: 11.444 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY019213.D

Acq: 22 Aug 2024 12:15

Instrument :

MSVOA_Y

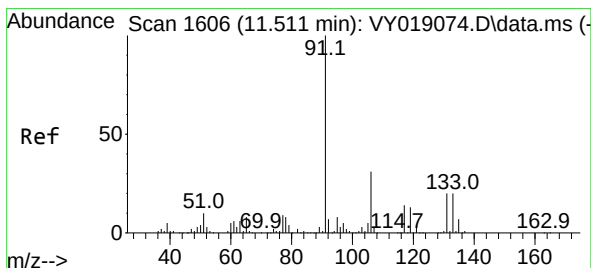
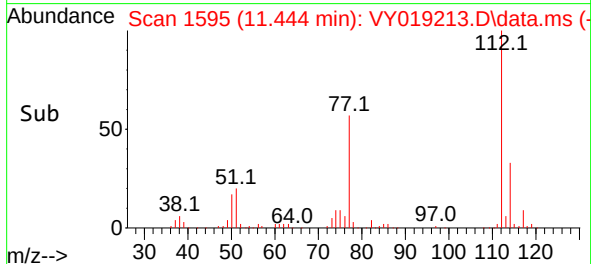
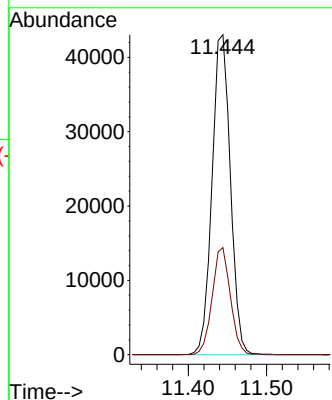
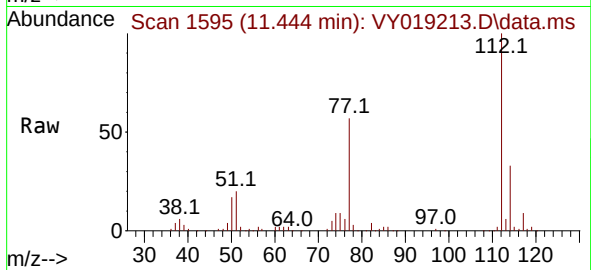
ClientSampleId :

Tgt Ion:112 Resp: 70144

Ion Ratio Lower Upper

112 100

114 33.4 26.4 39.6



#66

1,1,1,2-Tetrachloroethane

Concen: 19.936 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. 0.006 min

Lab File: VY019213.D

Acq: 22 Aug 2024 12:15

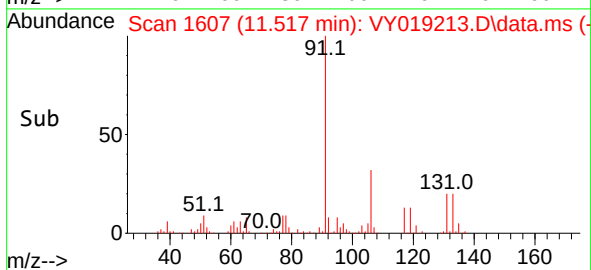
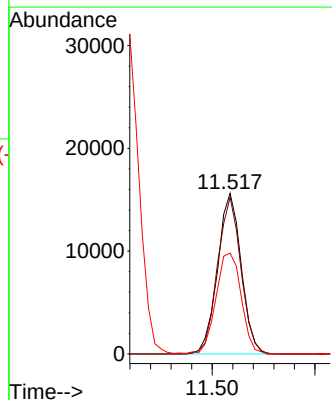
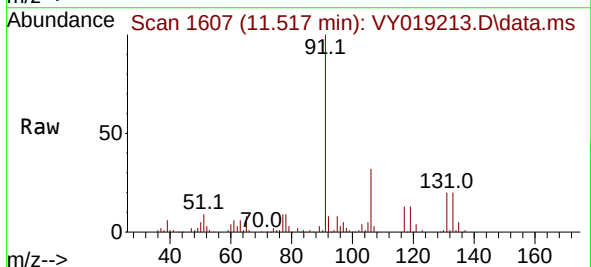
Tgt Ion:131 Resp: 24878

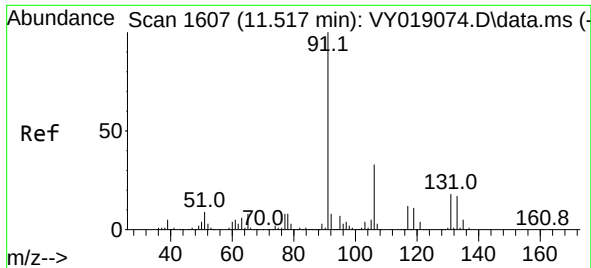
Ion Ratio Lower Upper

131 100

133 96.4 47.8 143.3

119 67.1 34.1 102.2

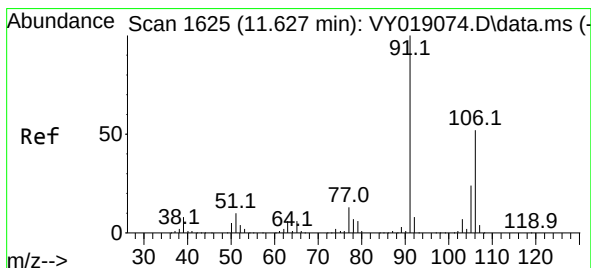
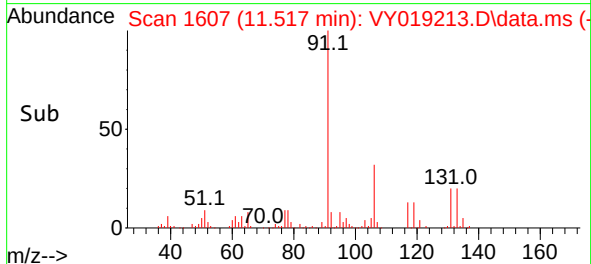
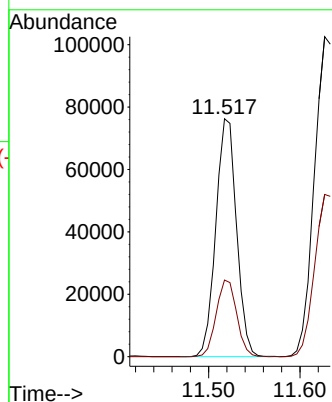
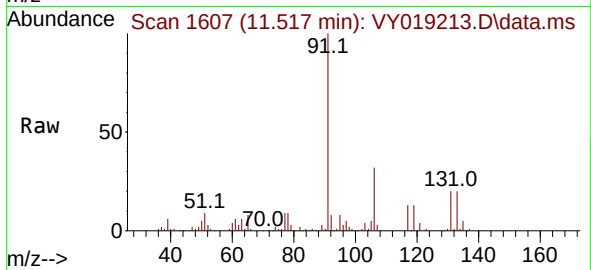




#67
Ethyl Benzene
Concen: 19.532 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY019213.D
Acq: 22 Aug 2024 12:15

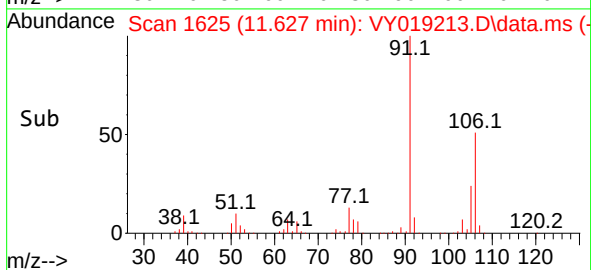
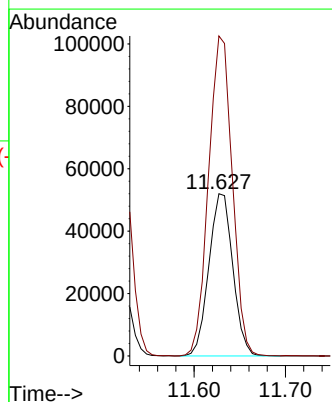
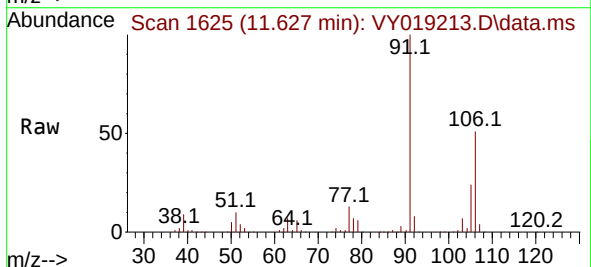
Instrument :
MSVOA_Y
ClientSampleId :

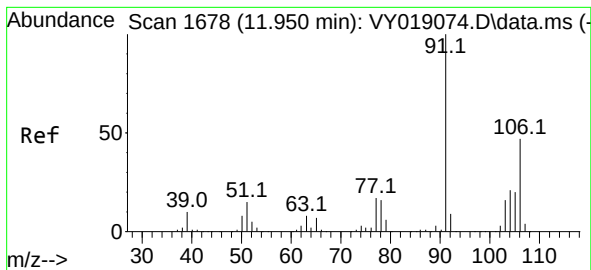
Tgt Ion: 91 Resp: 120295
Ion Ratio Lower Upper
91 100
106 32.2 24.5 36.7



#68
m/p-Xylenes
Concen: 38.771 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. 0.000 min
Lab File: VY019213.D
Acq: 22 Aug 2024 12:15

Tgt Ion: 106 Resp: 94748
Ion Ratio Lower Upper
106 100
91 195.8 156.0 234.0





#69

o-Xylene

Concen: 19.537 ug/l

RT: 11.956 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY019213.D

Acq: 22 Aug 2024 12:15

Instrument :

MSVOA_Y

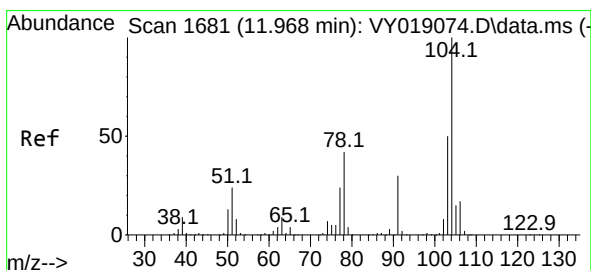
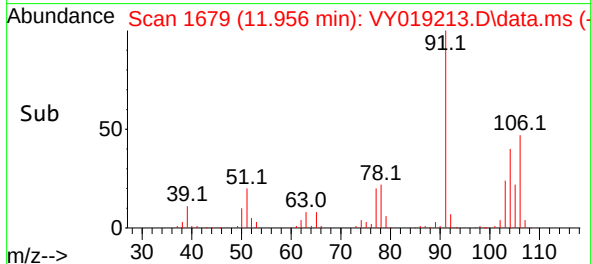
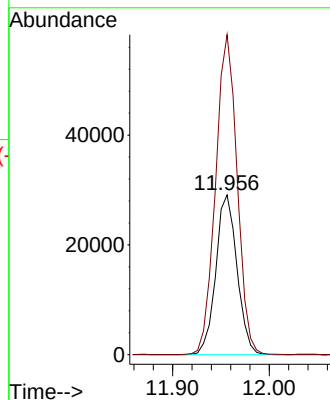
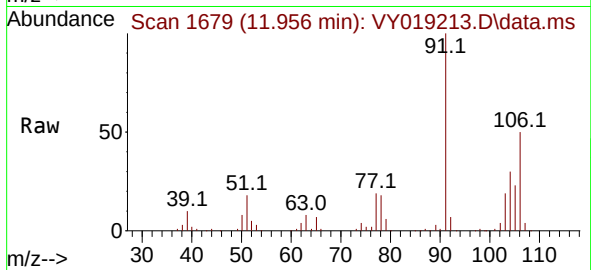
ClientSampleId :

Tgt Ion:106 Resp: 44214

Ion Ratio Lower Upper

106 100

91 203.9 103.6 310.8



#70

Styrene

Concen: 19.827 ug/l

RT: 11.968 min Scan# 1681

Delta R.T. 0.000 min

Lab File: VY019213.D

Acq: 22 Aug 2024 12:15

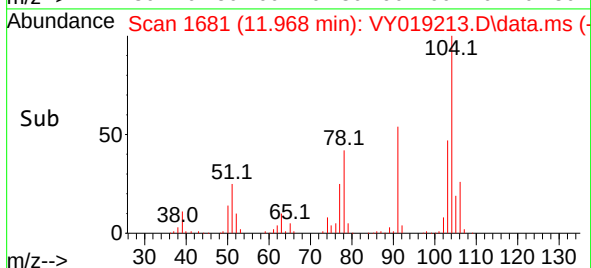
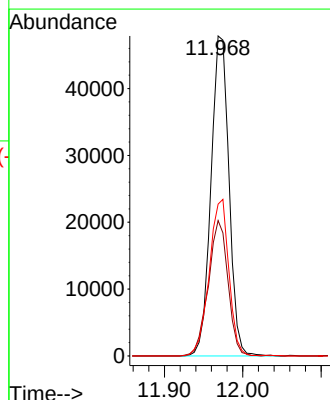
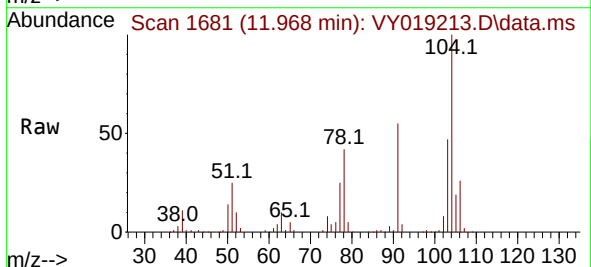
Tgt Ion:104 Resp: 76515

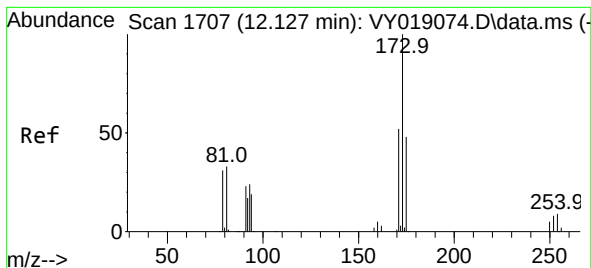
Ion Ratio Lower Upper

104 100

78 46.2 37.0 55.4

103 53.3 44.2 66.2





#71

Bromoform

Concen: 19.817 ug/l

RT: 12.133 min Scan# 1

Delta R.T. 0.006 min

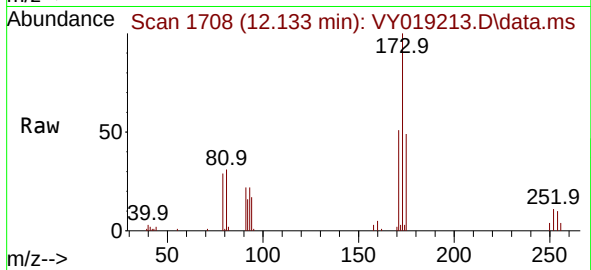
Lab File: VY019213.D

Acq: 22 Aug 2024 12:15

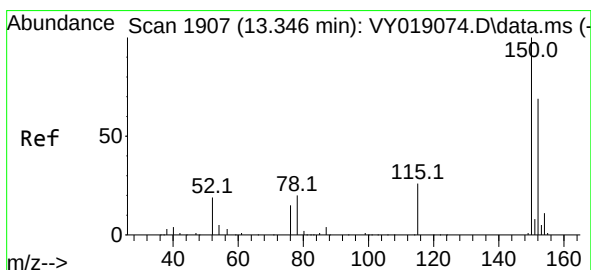
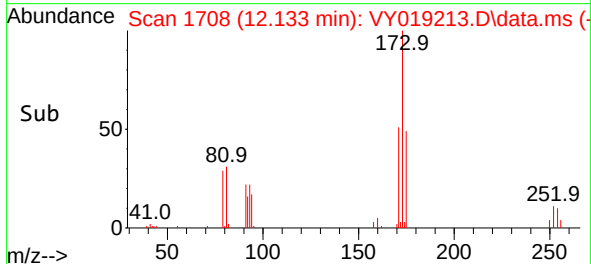
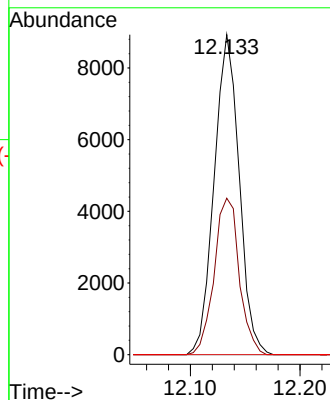
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	173	Resp:	14136
Ion Ratio	Lower	Upper	
173	100		
175	49.0	25.1	75.3
254	0.0	0.0	0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

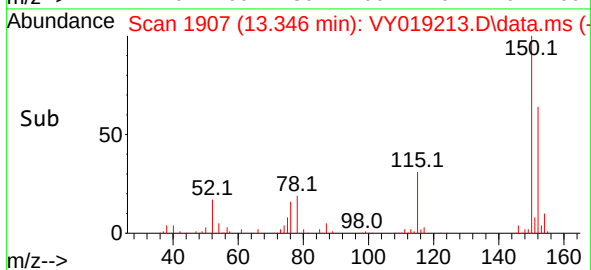
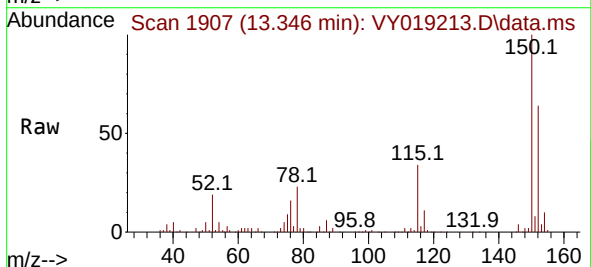
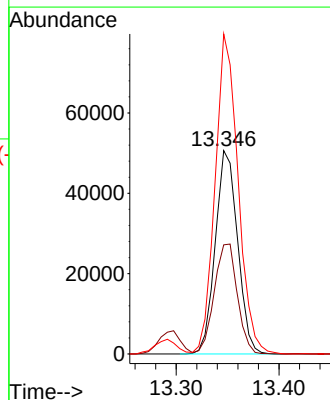
RT: 13.346 min Scan# 1907

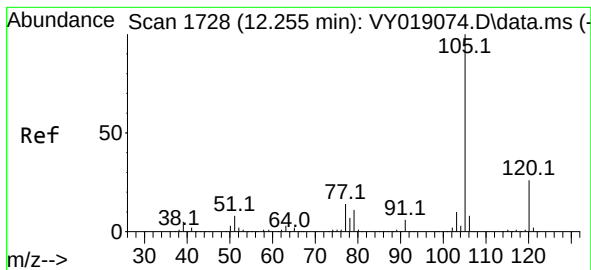
Delta R.T. 0.000 min

Lab File: VY019213.D

Acq: 22 Aug 2024 12:15

Tgt Ion:	152	Resp:	76163
Ion Ratio	Lower	Upper	
152	100		
115	56.1	28.2	84.7
150	162.3	0.0	345.6





#73

Isopropylbenzene

Concen: 19.388 ug/l

RT: 12.255 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019213.D

Acq: 22 Aug 2024 12:15

Instrument :

MSVOA_Y

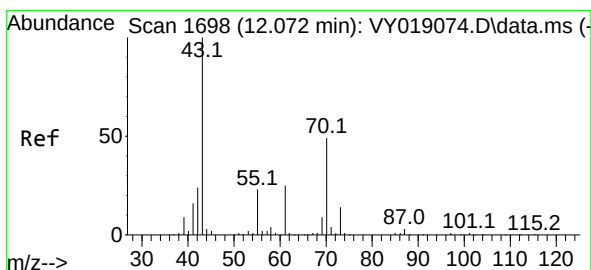
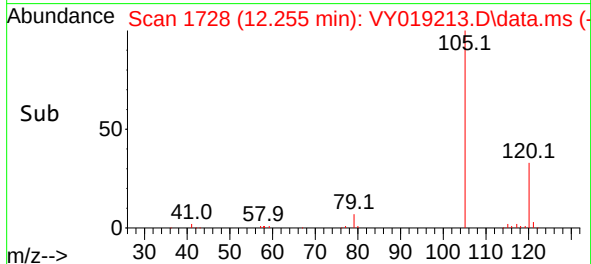
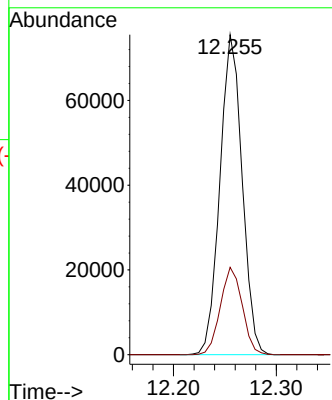
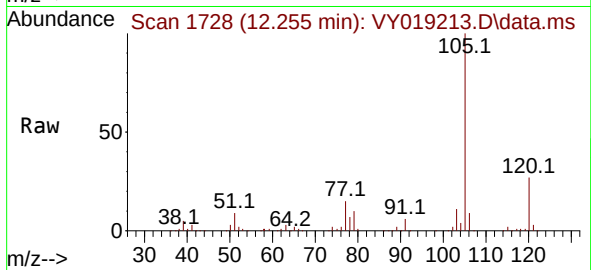
ClientSampleId :

Tgt Ion:105 Resp: 113177

Ion Ratio Lower Upper

105 100

120 26.8 13.4 40.1



#74

N-ethyl acetate

Concen: 18.475 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VY019213.D

Acq: 22 Aug 2024 12:15

Tgt Ion: 43 Resp: 23517

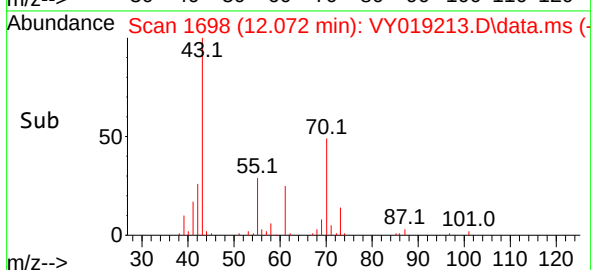
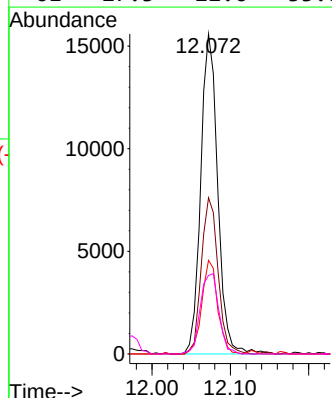
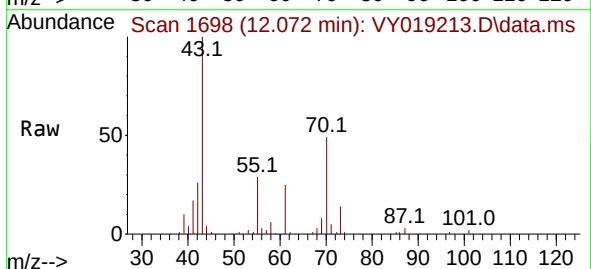
Ion Ratio Lower Upper

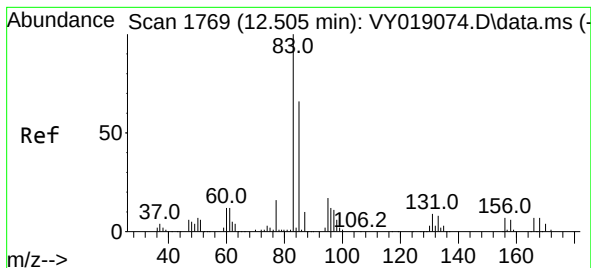
43 100

70 47.9 41.4 62.2

55 27.3 23.3 34.9

61 27.3 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 19.480 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY019213.D

Acq: 22 Aug 2024 12:15

Instrument :

MSVOA_Y

ClientSampleId :

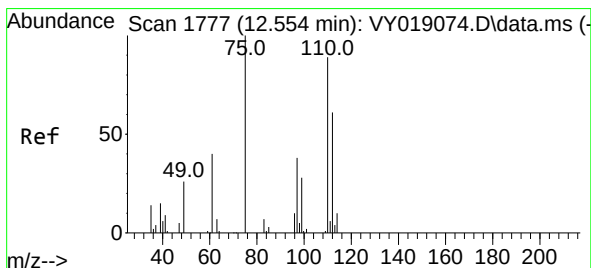
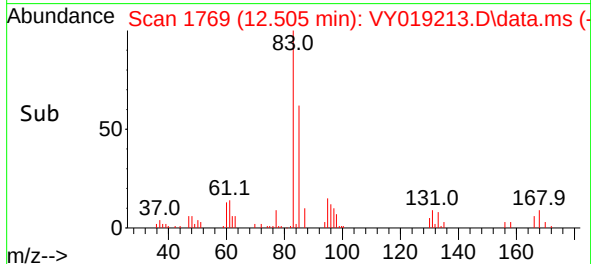
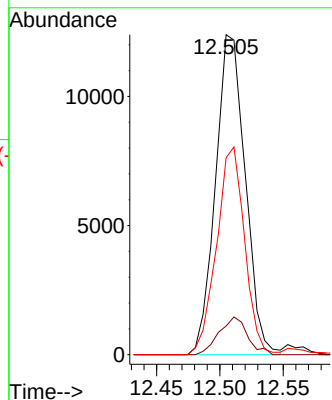
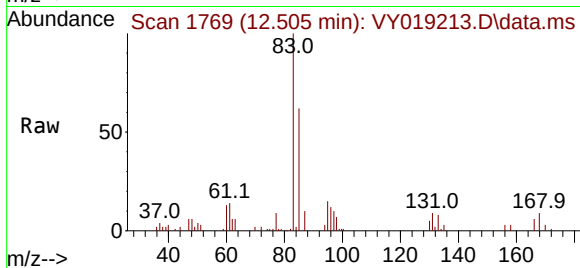
Tgt Ion: 83 Resp: 20245

Ion Ratio Lower Upper

83 100

131 11.3 5.0 14.9

85 61.2 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 33.483 ug/l

RT: 12.560 min Scan# 1778

Delta R.T. 0.006 min

Lab File: VY019213.D

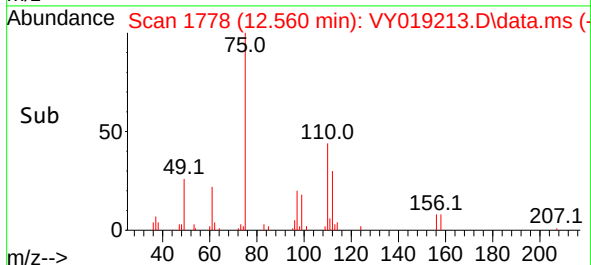
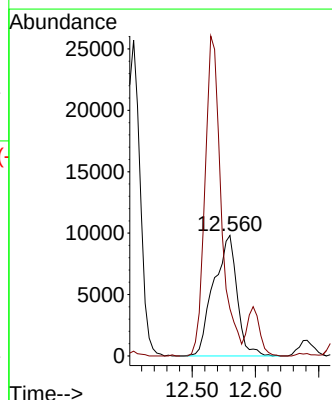
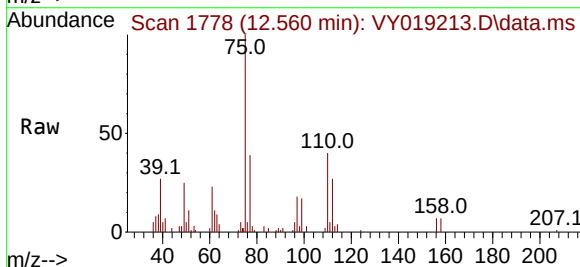
Acq: 22 Aug 2024 12:15

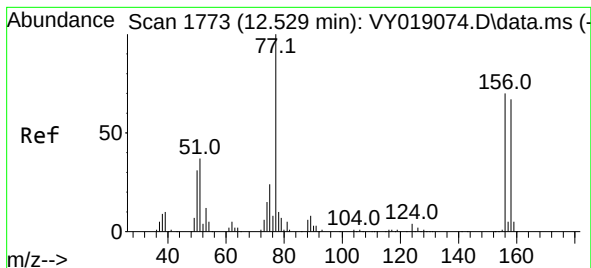
Tgt Ion: 75 Resp: 25149

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.599 ug/l

RT: 12.529 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY019213.D

Acq: 22 Aug 2024 12:15

Instrument :

MSVOA_Y

ClientSampleId :

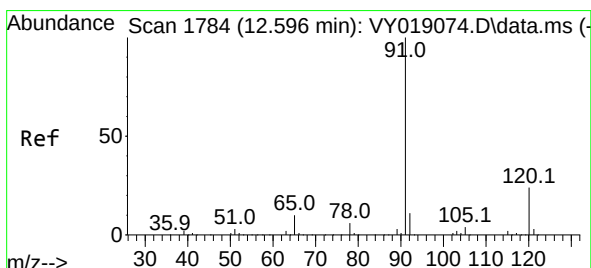
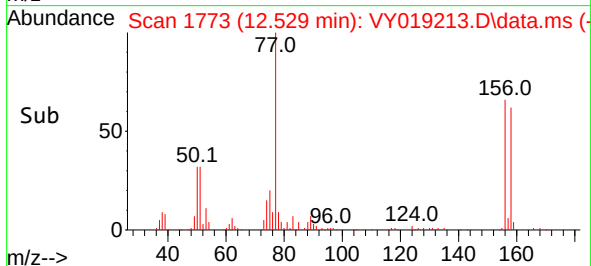
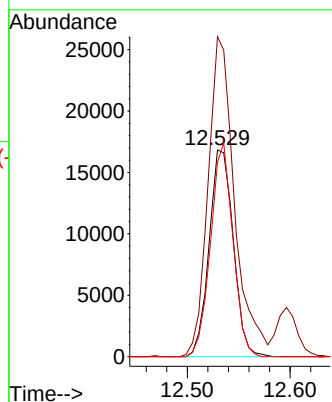
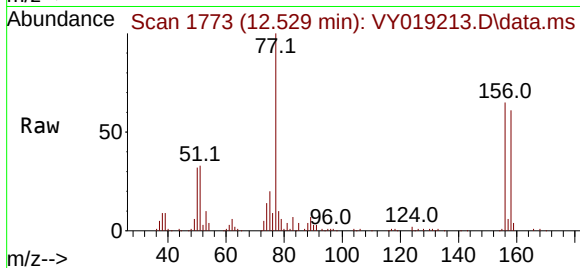
Tgt Ion:156 Resp: 27477

Ion Ratio Lower Upper

156 100

77 169.3 87.1 261.3

158 95.6 48.6 145.9



#78

n-propylbenzene

Concen: 19.738 ug/l

RT: 12.596 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY019213.D

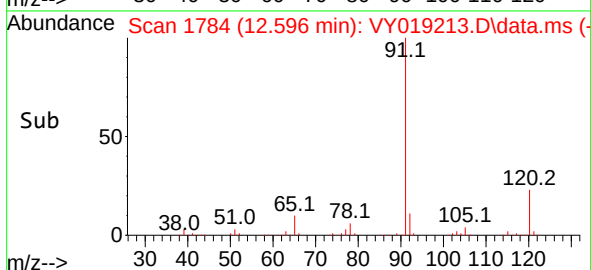
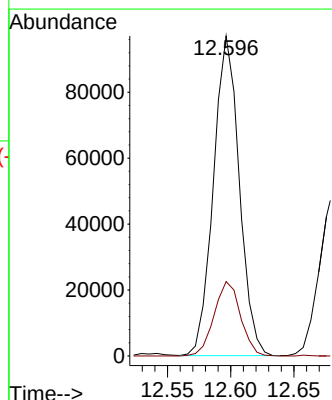
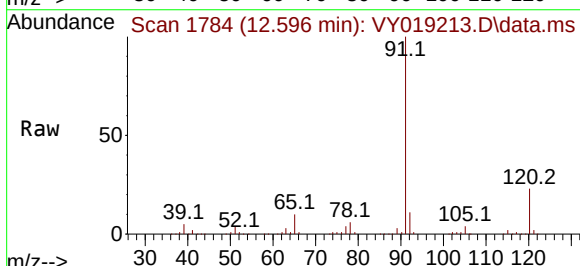
Acq: 22 Aug 2024 12:15

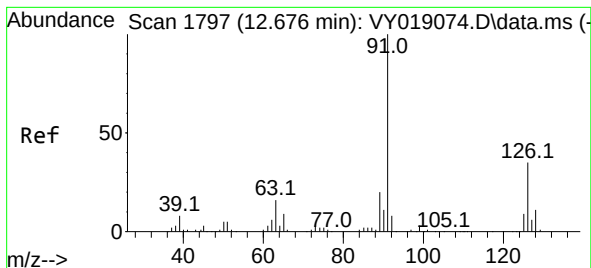
Tgt Ion: 91 Resp: 137741

Ion Ratio Lower Upper

91 100

120 23.7 11.5 34.4





#79

2-Chlorotoluene

Concen: 19.545 ug/l

RT: 12.682 min Scan# 1798

Delta R.T. 0.006 min

Lab File: VY019213.D

Acq: 22 Aug 2024 12:15

Instrument :

MSVOA_Y

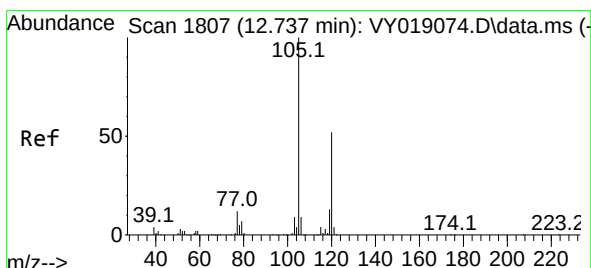
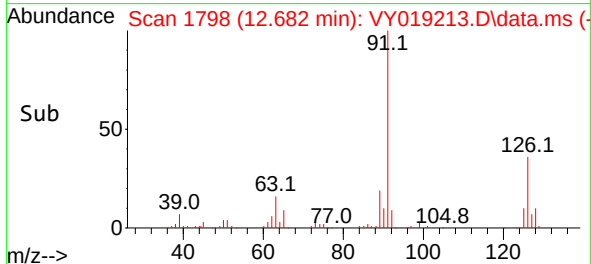
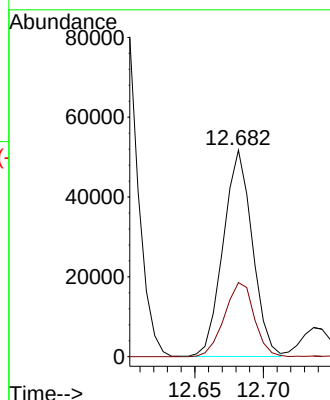
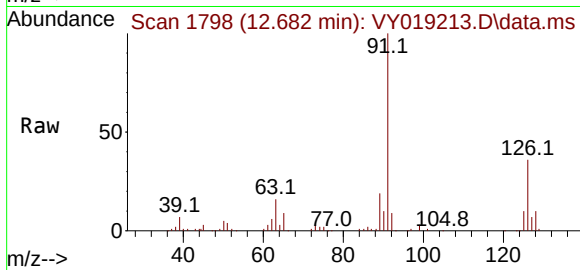
ClientSampleId :

Tgt Ion: 91 Resp: 76468

Ion Ratio Lower Upper

91 100

126 36.8 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 20.042 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VY019213.D

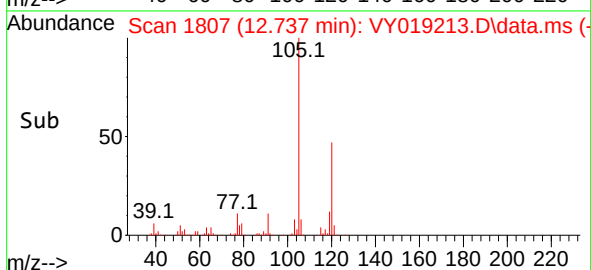
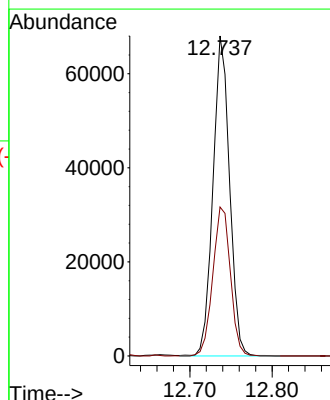
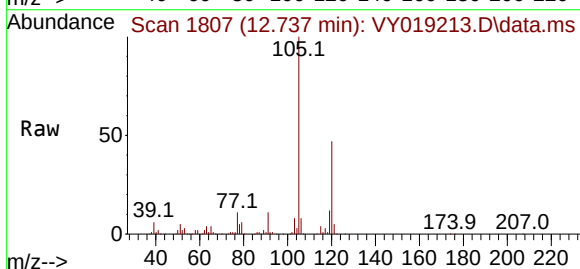
Acq: 22 Aug 2024 12:15

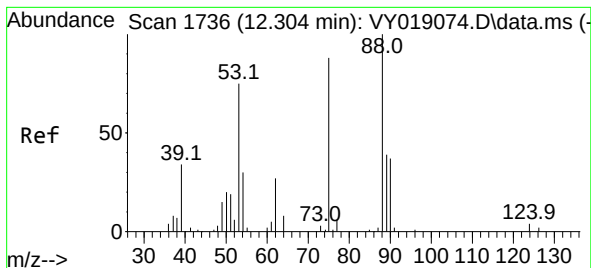
Tgt Ion: 105 Resp: 95309

Ion Ratio Lower Upper

105 100

120 49.3 25.1 75.2

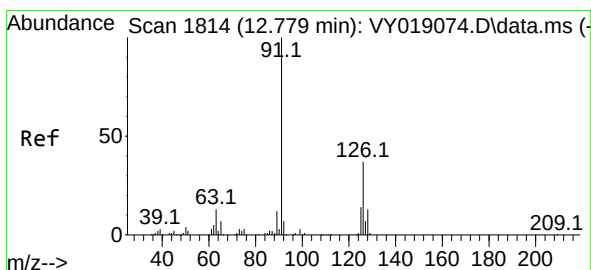
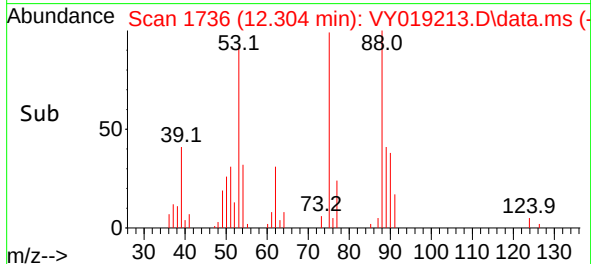
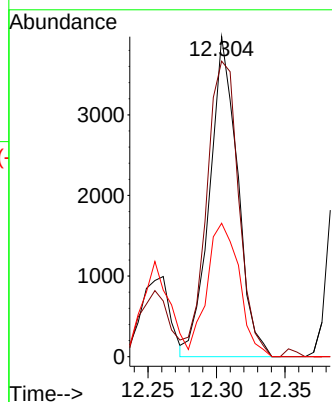
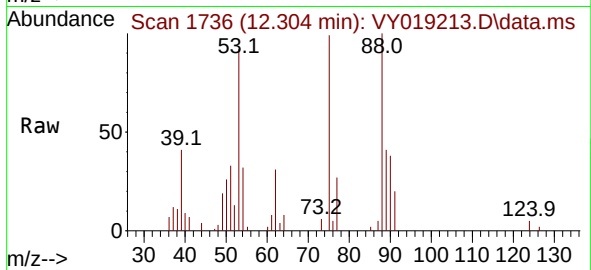




#81
trans-1,4-Dichloro-2-butene
Concen: 18.505 ug/l
RT: 12.304 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019213.D
Acq: 22 Aug 2024 12:15

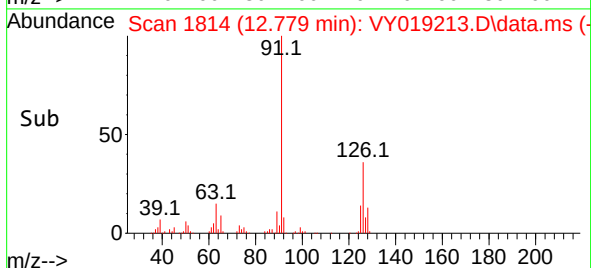
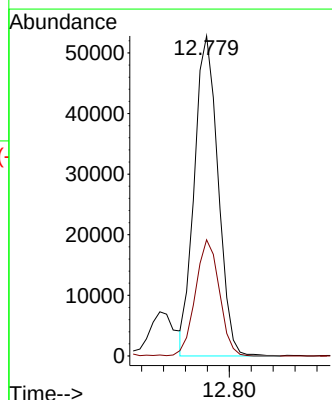
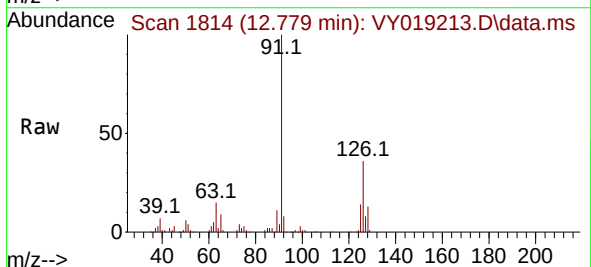
Instrument :
MSVOA_Y
ClientSampleId :

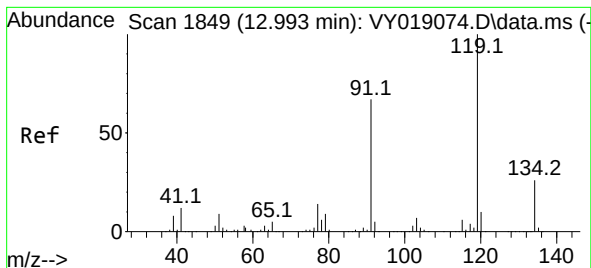
Tgt Ion: 75 Resp: 5628
Ion Ratio Lower Upper
75 100
53 105.5 66.8 100.2#
89 48.2 35.8 53.6



#82
4-Chlorotoluene
Concen: 19.483 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY019213.D
Acq: 22 Aug 2024 12:15

Tgt Ion: 91 Resp: 79304
Ion Ratio Lower Upper
91 100
126 36.5 17.6 52.9





#83

tert-Butylbenzene

Concen: 19.440 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.006 min

Lab File: VY019213.D

Acq: 22 Aug 2024 12:15

Instrument :

MSVOA_Y

ClientSampleId :

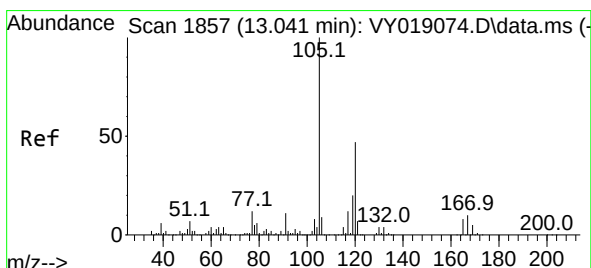
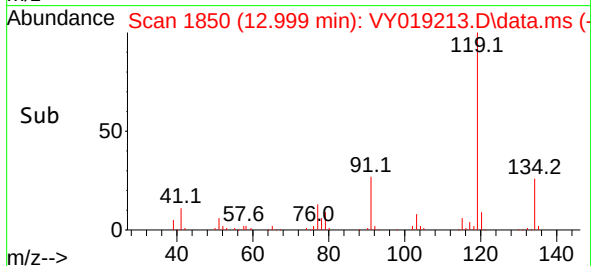
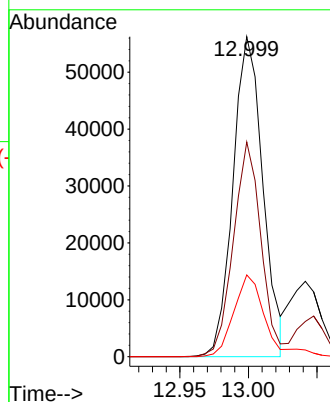
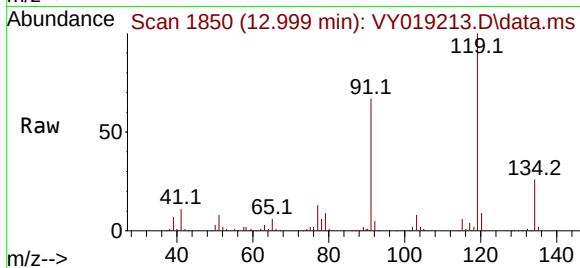
Tgt Ion:119 Resp: 85373

Ion Ratio Lower Upper

119 100

91 62.0 31.3 93.8

134 27.0 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 19.427 ug/l

RT: 13.048 min Scan# 1858

Delta R.T. 0.006 min

Lab File: VY019213.D

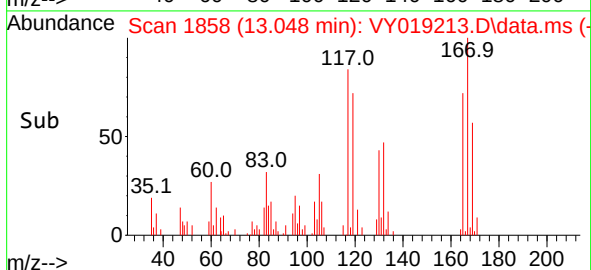
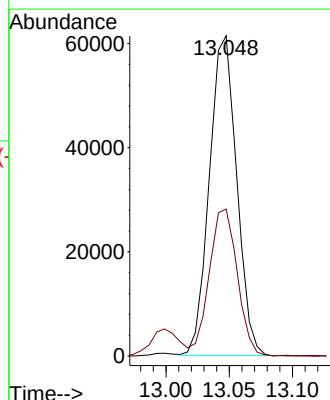
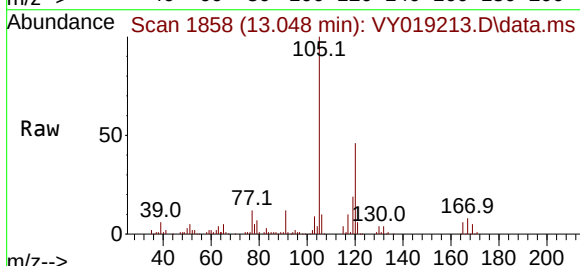
Acq: 22 Aug 2024 12:15

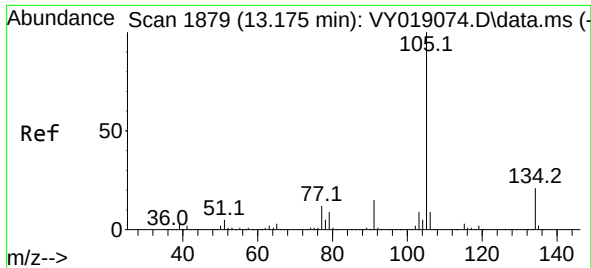
Tgt Ion:105 Resp: 92075

Ion Ratio Lower Upper

105 100

120 47.3 23.2 69.6

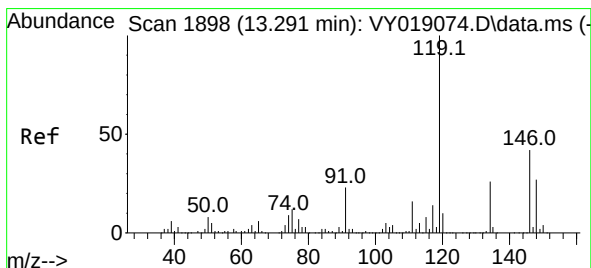
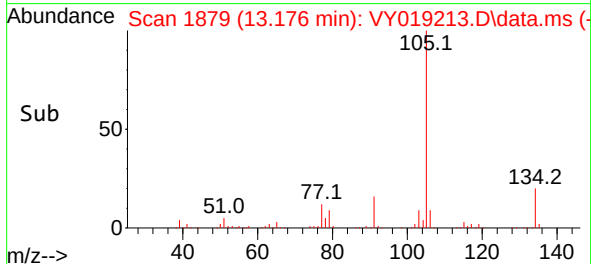
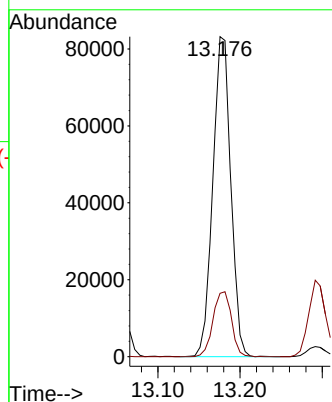
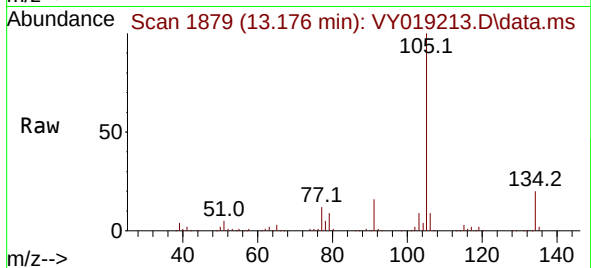




#85
 sec-Butylbenzene
 Concen: 19.748 ug/l
 RT: 13.176 min Scan# 1879
 Delta R.T. 0.000 min
 Lab File: VY019213.D
 Acq: 22 Aug 2024 12:15

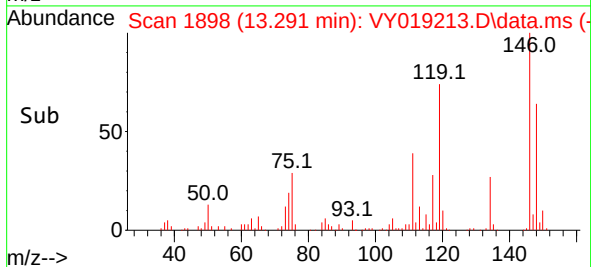
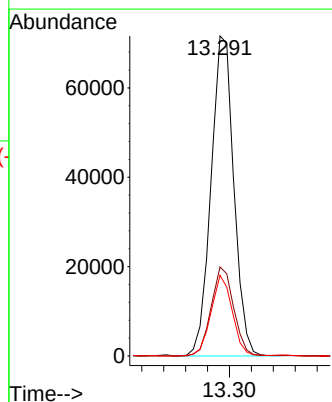
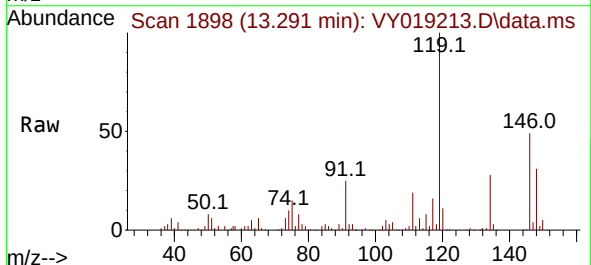
Instrument :
 MSVOA_Y
 ClientSampleId :

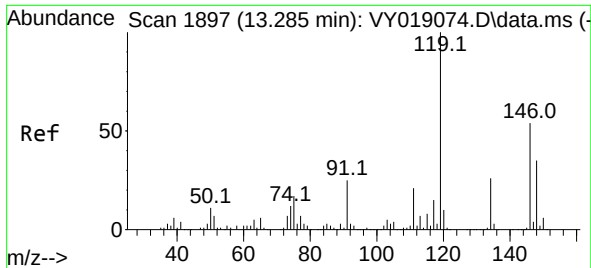
Tgt Ion:105 Resp: 126386
 Ion Ratio Lower Upper
 105 100
 134 20.8 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 19.706 ug/l
 RT: 13.291 min Scan# 1898
 Delta R.T. 0.000 min
 Lab File: VY019213.D
 Acq: 22 Aug 2024 12:15

Tgt Ion:119 Resp: 103590
 Ion Ratio Lower Upper
 119 100
 134 27.4 13.1 39.3
 91 23.6 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 19.854 ug/l

RT: 13.291 min Scan# 1898

Delta R.T. 0.006 min

Lab File: VY019213.D

Acq: 22 Aug 2024 12:15

Instrument :

MSVOA_Y

ClientSampleId :

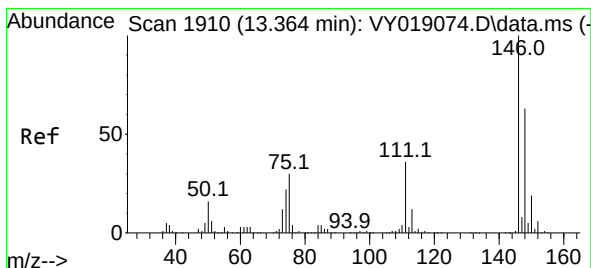
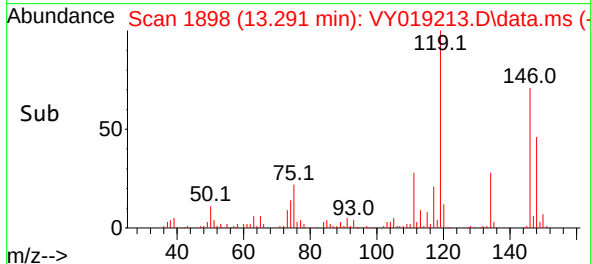
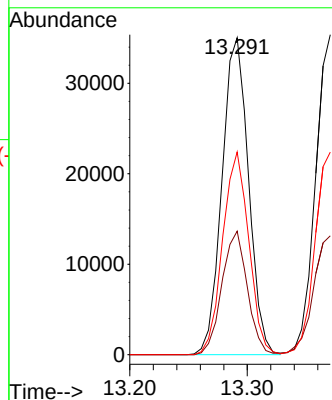
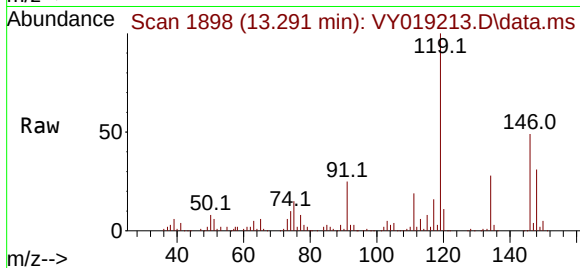
Tgt Ion:146 Resp: 54891

Ion Ratio Lower Upper

146 100

111 37.5 19.0 57.0

148 63.1 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 19.190 ug/l

RT: 13.371 min Scan# 1911

Delta R.T. 0.006 min

Lab File: VY019213.D

Acq: 22 Aug 2024 12:15

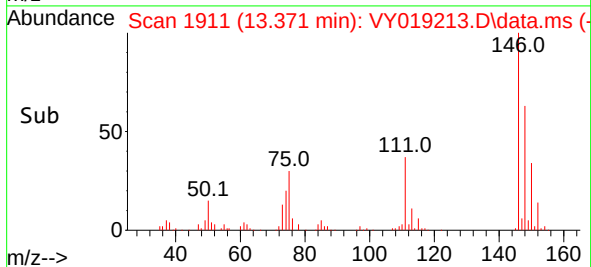
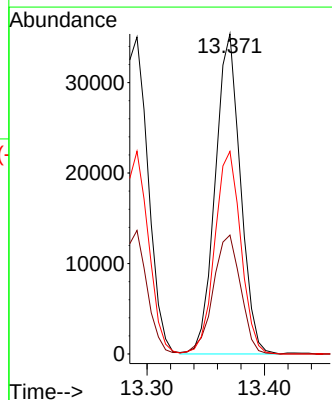
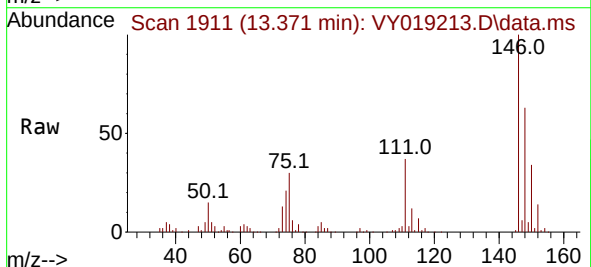
Tgt Ion:146 Resp: 52739

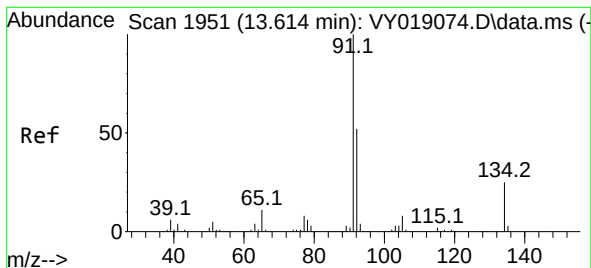
Ion Ratio Lower Upper

146 100

111 40.6 18.4 55.4

148 65.6 32.4 97.2





#89

n-Butylbenzene

Concen: 19.784 ug/l

RT: 13.621 min Scan# 1951

Delta R.T. 0.006 min

Lab File: VY019213.D

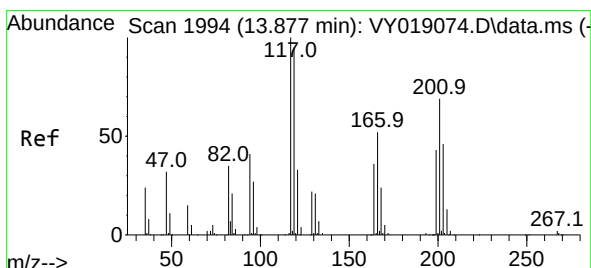
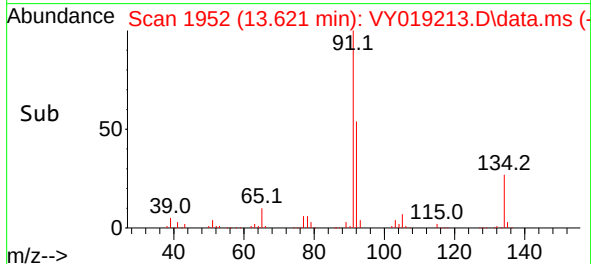
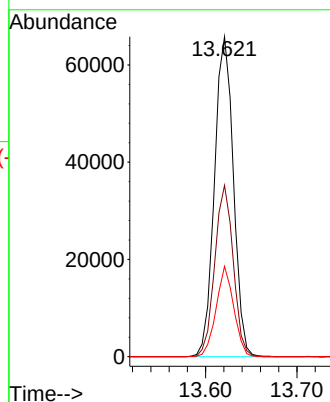
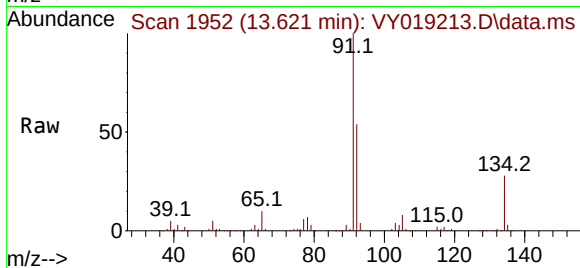
Acq: 22 Aug 2024 12:15

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 91	Resp: 94818
Ion Ratio	Lower Upper
91	100
92	52.2 26.6 79.7
134	26.4 12.9 38.7



#90

Hexachloroethane

Concen: 20.358 ug/l

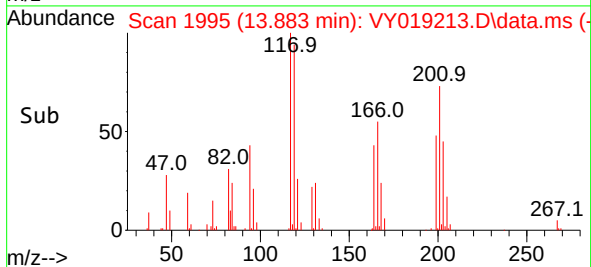
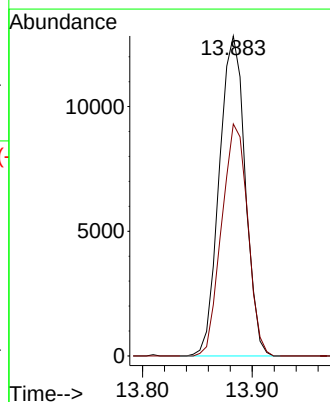
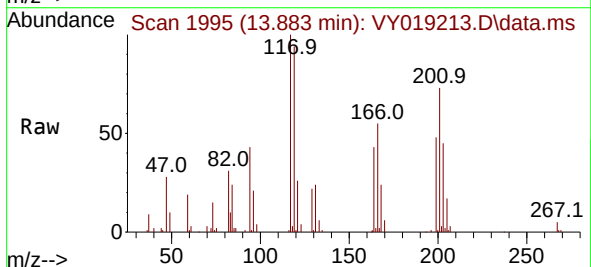
RT: 13.883 min Scan# 1995

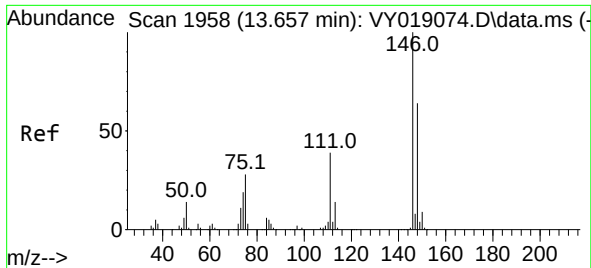
Delta R.T. 0.006 min

Lab File: VY019213.D

Acq: 22 Aug 2024 12:15

Tgt Ion: 117	Resp: 21094
Ion Ratio	Lower Upper
117	100
201	72.9 37.4 112.2

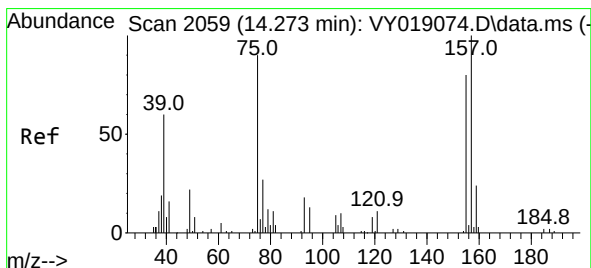
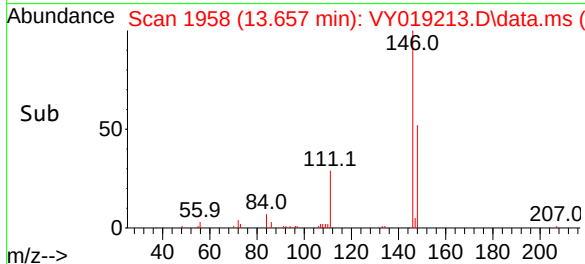
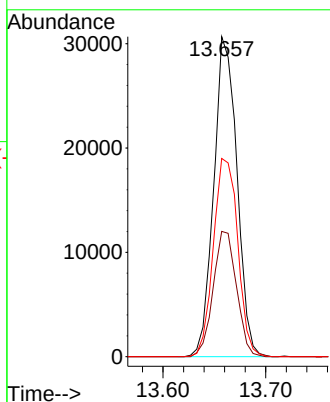
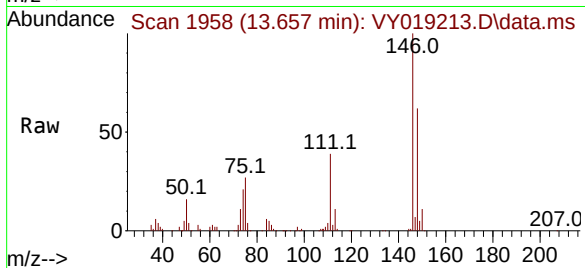




#91
1,2-Dichlorobenzene
Concen: 19.753 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. 0.000 min
Lab File: VY019213.D
Acq: 22 Aug 2024 12:15

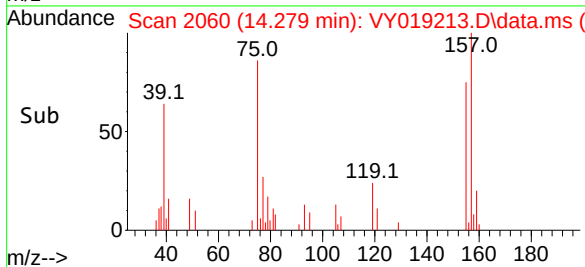
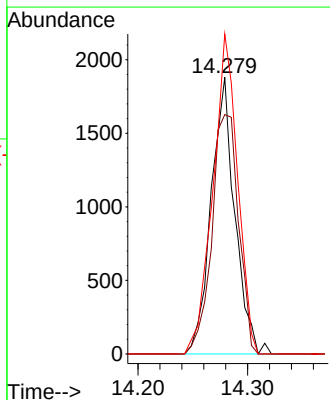
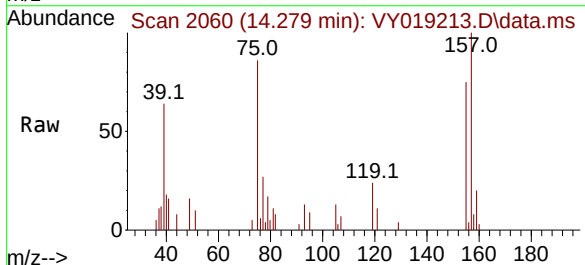
Instrument :
MSVOA_Y
ClientSampleId :

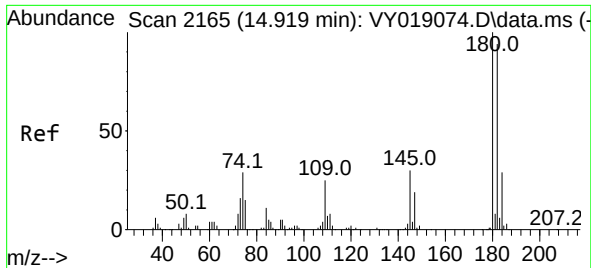
Tgt Ion:146 Resp: 48031
Ion Ratio Lower Upper
146 100
111 39.3 19.9 59.7
148 65.2 31.8 95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.524 ug/l
RT: 14.279 min Scan# 2060
Delta R.T. 0.006 min
Lab File: VY019213.D
Acq: 22 Aug 2024 12:15

Tgt Ion: 75 Resp: 2832
Ion Ratio Lower Upper
75 100
155 97.4 48.6 145.8
157 120.3 62.7 188.2

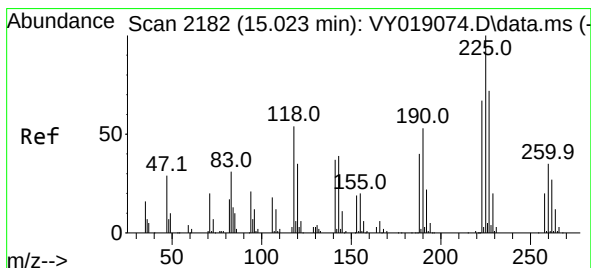
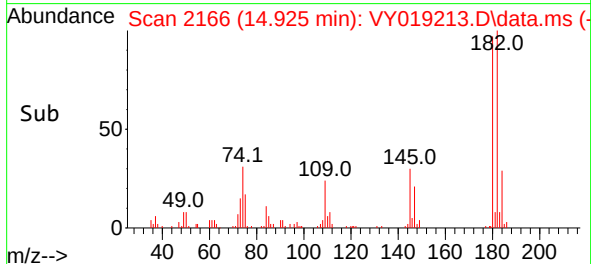
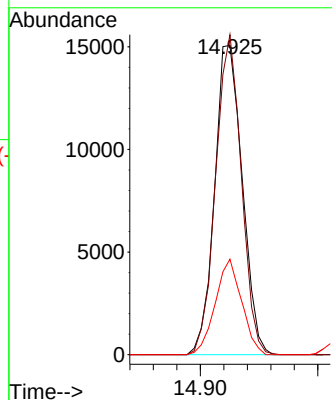
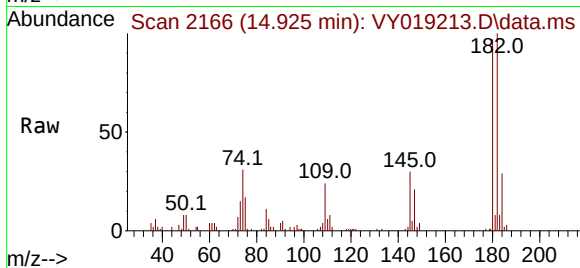




#93
 1,2,4-Trichlorobenzene
 Concen: 18.006 ug/l
 RT: 14.925 min Scan# 2166
 Delta R.T. 0.006 min
 Lab File: VY019213.D
 Acq: 22 Aug 2024 12:15

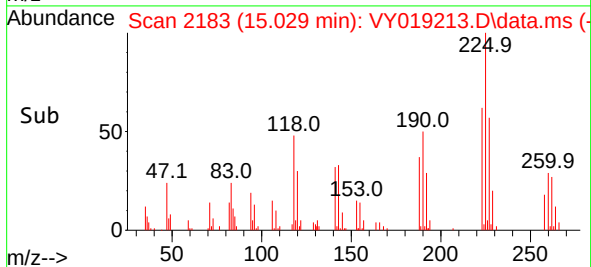
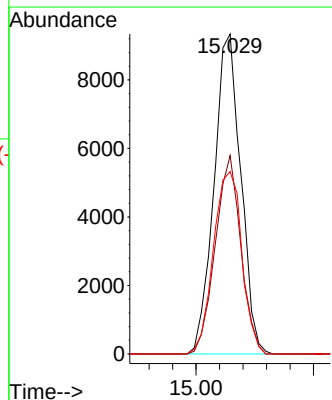
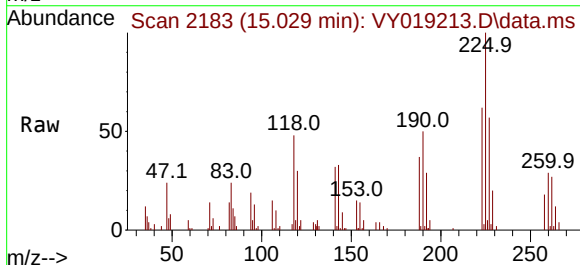
Instrument :
 MSVOA_Y
 ClientSampleId :

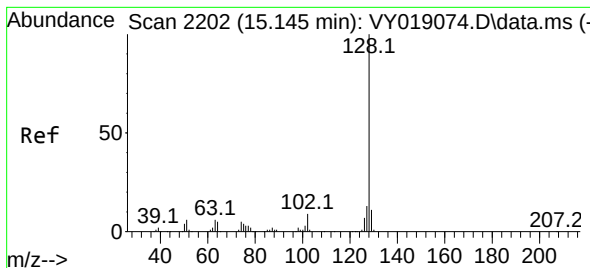
Tgt Ion:180 Resp: 24692
 Ion Ratio Lower Upper
 180 100
 182 95.7 47.9 143.8
 145 29.4 14.2 42.6



#94
 Hexachlorobutadiene
 Concen: 20.645 ug/l
 RT: 15.029 min Scan# 2183
 Delta R.T. 0.006 min
 Lab File: VY019213.D
 Acq: 22 Aug 2024 12:15

Tgt Ion:225 Resp: 14746
 Ion Ratio Lower Upper
 225 100
 223 59.2 30.4 91.2
 227 60.6 31.9 95.9





#95

Naphthalene

Concen: 17.102 ug/l

RT: 15.151 min Scan# 2203

Delta R.T. 0.006 min

Lab File: VY019213.D

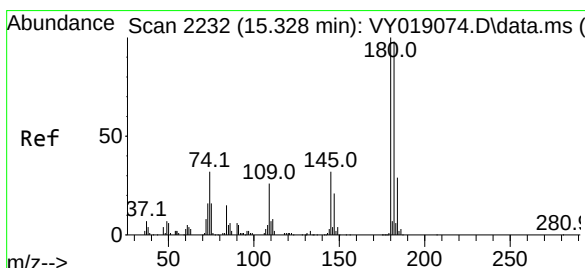
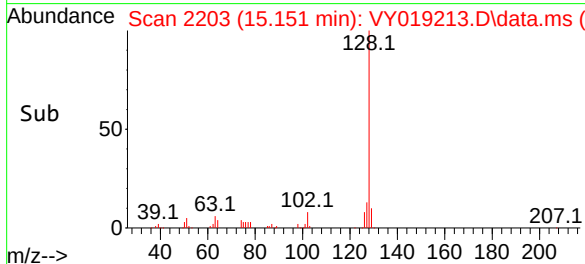
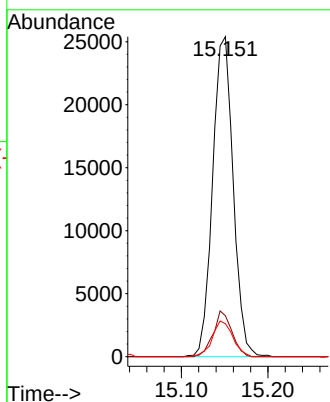
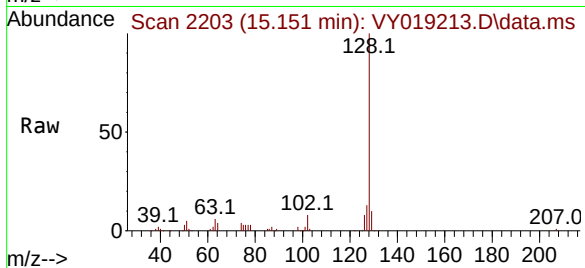
Acq: 22 Aug 2024 12:15

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:128	Resp:	41854
Ion Ratio	Lower	Upper
128	100	
127	13.0	10.6 16.0
129	11.1	8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 18.055 ug/l

RT: 15.334 min Scan# 2233

Delta R.T. 0.006 min

Lab File: VY019213.D

Acq: 22 Aug 2024 12:15

Tgt Ion:180	Resp:	20882
Ion Ratio	Lower	Upper
180	100	
182	96.5	47.6 142.9
145	33.2	15.4 46.1

