

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110524\
 Data File : VY020159.D
 Acq On : 05 Nov 2024 12:10
 Operator : SY/MD
 Sample : VY1105SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 06 00:22:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103024S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 15:23:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	231281	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	424025	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	363388	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	169899	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	137348	47.582	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.160%
35) Dibromofluoromethane	7.634	113	124127	46.042	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.080%
50) Toluene-d8	10.103	98	480918	44.815	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	89.640%
62) 4-Bromofluorobenzene	12.401	95	155174	44.519	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	89.040%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.867	85	42407	19.808	ug/l	99
3) Chloromethane	2.068	50	70530	19.889	ug/l	98
4) Vinyl Chloride	2.202	62	73706	19.361	ug/l	98
5) Bromomethane	2.592	94	52074	20.603	ug/l	94
6) Chloroethane	2.732	64	49975	20.340	ug/l	94
7) Trichlorofluoromethane	3.056	101	92770	19.947	ug/l	96
8) Diethyl Ether	3.458	74	27150	20.931	ug/l	76
9) 1,1,2-Trichlorotrifluo...	3.812	101	50376	19.312	ug/l	90
10) Methyl Iodide	4.007	142	48922	19.425	ug/l	# 89
11) Tert butyl alcohol	4.866	59	24500	117.998	ug/l	99
12) 1,1-Dichloroethene	3.787	96	48168	19.300	ug/l	# 73
13) Acrolein	3.647	56	22159	85.733	ug/l	90
14) Allyl chloride	4.378	41	89531	19.883	ug/l	# 89
15) Acrylonitrile	5.055	53	60173	101.910	ug/l	96
16) Acetone	3.872	43	63982	95.314	ug/l	91
17) Carbon Disulfide	4.104	76	157282	18.936	ug/l	99
18) Methyl Acetate	4.385	43	33241	21.105	ug/l	# 89
19) Methyl tert-butyl Ether	5.116	73	126766	20.189	ug/l	93
20) Methylene Chloride	4.616	84	55579	18.431	ug/l	# 86
21) trans-1,2-Dichloroethene	5.122	96	53644	19.058	ug/l	89
22) Diisopropyl ether	6.018	45	193308	20.687	ug/l	# 87
23) Vinyl Acetate	5.964	43	532670	101.292	ug/l	# 90
24) 1,1-Dichloroethane	5.915	63	108132	19.985	ug/l	# 93
25) 2-Butanone	6.890	43	91845	100.935	ug/l	# 87
26) 2,2-Dichloropropane	6.884	77	83115	18.462	ug/l	96
27) cis-1,2-Dichloroethene	6.890	96	63056	19.488	ug/l	81
28) Bromochloromethane	7.244	49	47097	18.589	ug/l	# 71
29) Tetrahydrofuran	7.262	42	55582	105.844	ug/l	# 79
30) Chloroform	7.421	83	106708	19.874	ug/l	98
31) Cyclohexane	7.701	56	96609	18.443	ug/l	92
32) 1,1,1-Trichloroethane	7.616	97	91915	19.608	ug/l	# 93
36) 1,1-Dichloropropene	7.835	75	76079	18.268	ug/l	95
37) Ethyl Acetate	6.988	43	39516	19.902	ug/l	# 94
38) Carbon Tetrachloride	7.817	117	77581	18.525	ug/l	94
39) Methylcyclohexane	9.109	83	95283	18.027	ug/l	91
40) Benzene	8.079	78	237409	19.531	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	19218	19.322	ug/l	88
42) 1,2-Dichloroethane	8.158	62	65587	19.493	ug/l	94
43) Isopropyl Acetate	8.195	43	75633	19.809	ug/l #	89
44) Trichloroethene	8.866	130	52221	18.536	ug/l	87
45) 1,2-Dichloropropane	9.140	63	57053	19.617	ug/l	99
46) Dibromomethane	9.231	93	31143	19.763	ug/l #	88
47) Bromodichloromethane	9.420	83	81955	19.852	ug/l	99
48) Methyl methacrylate	9.219	41	35555	20.104	ug/l #	78
49) 1,4-Dioxane	9.225	88	7492	461.782	ug/l #	96
51) 4-Methyl-2-Pentanone	9.999	43	198054	100.670	ug/l	87
52) Toluene	10.170	92	148195	19.778	ug/l	97
53) t-1,3-Dichloropropene	10.396	75	67400	18.489	ug/l	95
54) cis-1,3-Dichloropropene	9.853	75	84246	19.362	ug/l #	86
55) 1,1,2-Trichloroethane	10.573	97	39622	20.222	ug/l	95
56) Ethyl methacrylate	10.438	69	55554	19.766	ug/l #	70
57) 1,3-Dichloropropane	10.713	76	71364	19.889	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.707	63	143642	103.631	ug/l	91
59) 2-Hexanone	10.762	43	137599	97.557	ug/l	85
60) Dibromochloromethane	10.908	129	49519	19.827	ug/l	96
61) 1,2-Dibromoethane	11.011	107	35874	19.707	ug/l	98
64) Tetrachloroethene	10.646	164	46858	19.530	ug/l	89
65) Chlorobenzene	11.438	112	150772	19.472	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.511	131	48678	19.677	ug/l	98
67) Ethyl Benzene	11.517	91	278187	19.220	ug/l	99
68) m/p-Xylenes	11.627	106	201928	38.132	ug/l	90
69) o-Xylene	11.950	106	96024	19.153	ug/l	89
70) Styrene	11.969	104	162551	19.609	ug/l	95
71) Bromoform	12.127	173	24511	19.314	ug/l #	99
73) Isopropylbenzene	12.255	105	257403	18.965	ug/l	98
74) N-amyl acetate	12.072	43	66373	19.563	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.505	83	46384	19.541	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	59961	37.649	ug/l #	100
77) Bromobenzene	12.529	156	53470	19.480	ug/l	81
78) n-propylbenzene	12.590	91	320923	18.999	ug/l	95
79) 2-Chlorotoluene	12.676	91	181651	19.373	ug/l	93
80) 1,3,5-Trimethylbenzene	12.737	105	208430	19.128	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.298	75	14036	18.957	ug/l #	84
82) 4-Chlorotoluene	12.773	91	184994	19.351	ug/l	94
83) tert-Butylbenzene	12.993	119	185791	19.499	ug/l	95
84) 1,2,4-Trimethylbenzene	13.042	105	207499	19.226	ug/l	96
85) sec-Butylbenzene	13.176	105	279770	19.127	ug/l	96
86) p-Isopropyltoluene	13.292	119	220129	18.754	ug/l	95
87) 1,3-Dichlorobenzene	13.285	146	107907	19.351	ug/l	98
88) 1,4-Dichlorobenzene	13.365	146	107367	19.335	ug/l	96
89) n-Butylbenzene	13.615	91	216913	18.435	ug/l	98
90) Hexachloroethane	13.877	117	43247	18.630	ug/l	86
91) 1,2-Dichlorobenzene	13.657	146	94806	19.560	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.273	75	6976	19.379	ug/l	74
93) 1,2,4-Trichlorobenzene	14.919	180	48080	18.466	ug/l	97
94) Hexachlorobutadiene	15.023	225	25694	18.046	ug/l	97
95) Naphthalene	15.145	128	88270	18.136	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	40908	18.509	ug/l	96

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Quant Title : SW846 8260
QLast Update : Thu Oct 31 15:23:13 2024
Response via : Initial Calibration

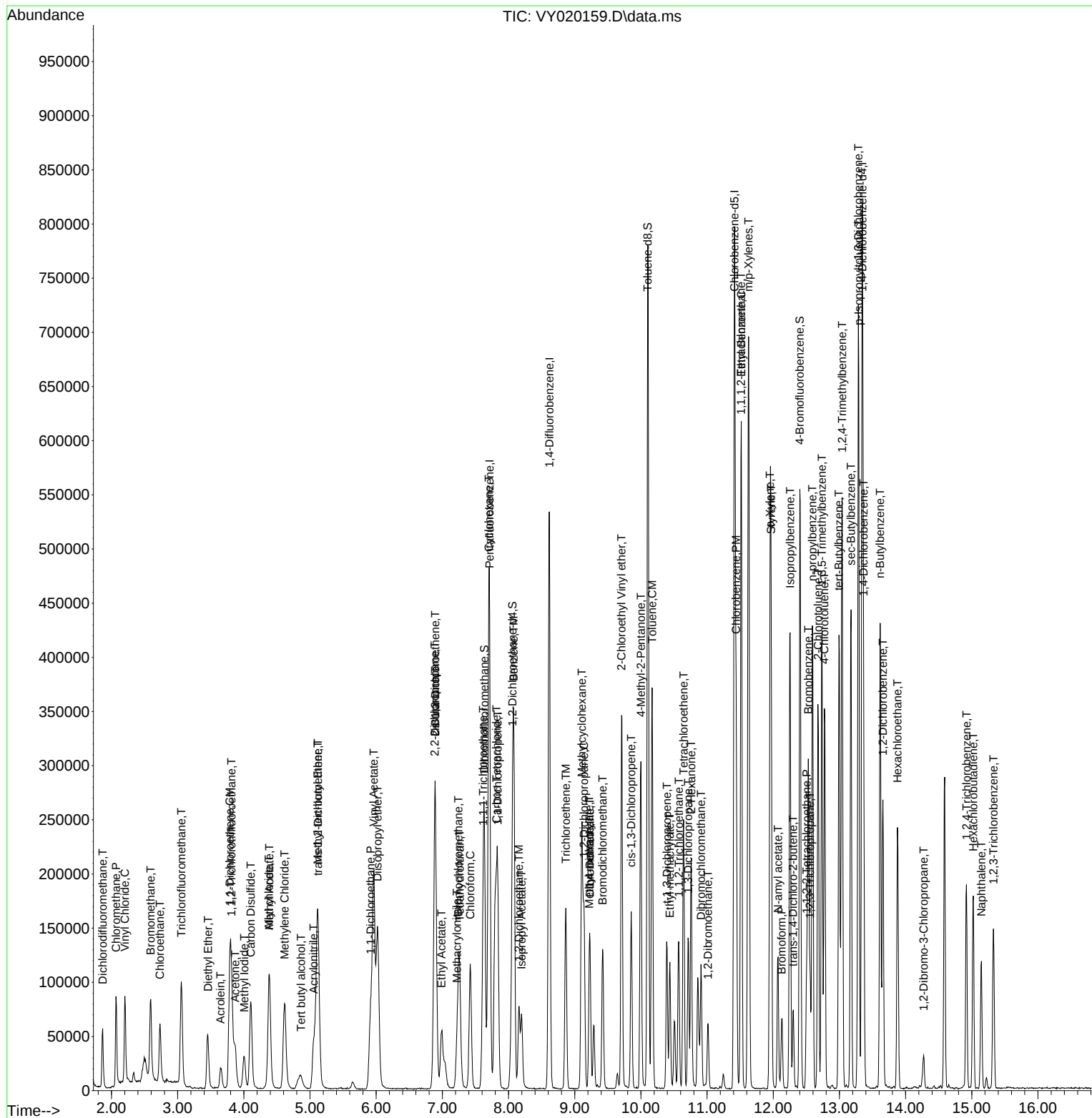
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Operator : SY/MD
Sample : VY1105SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/soil
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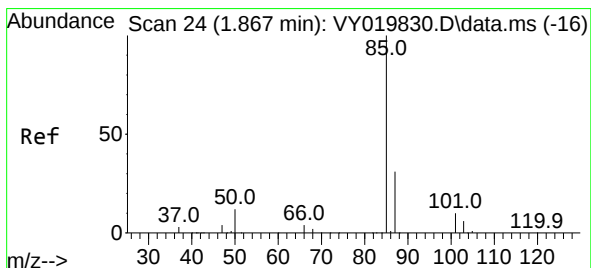
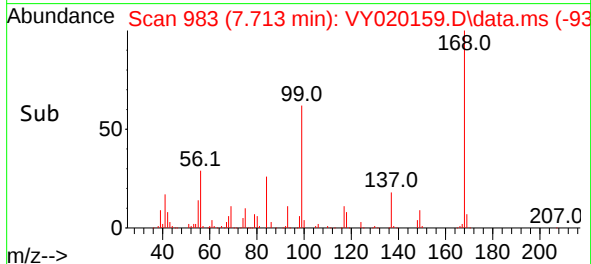
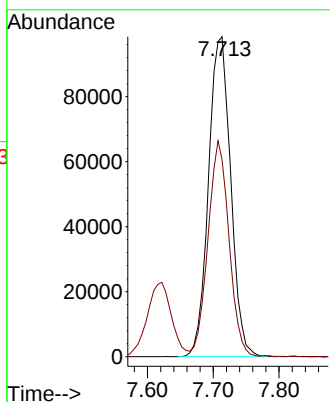
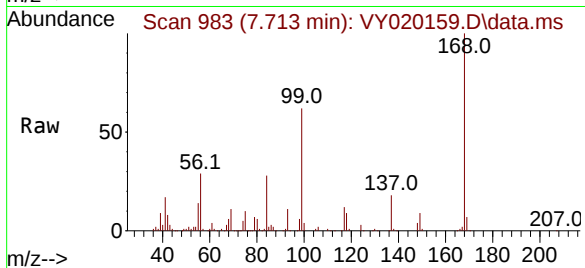




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020159.D
Acq: 05 Nov 2024 12:10

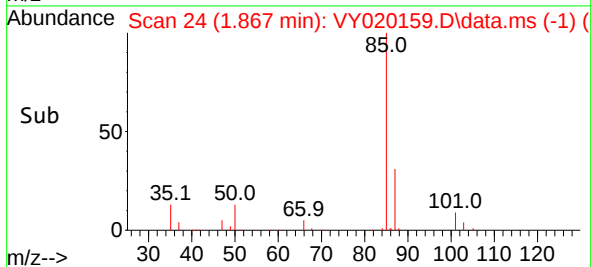
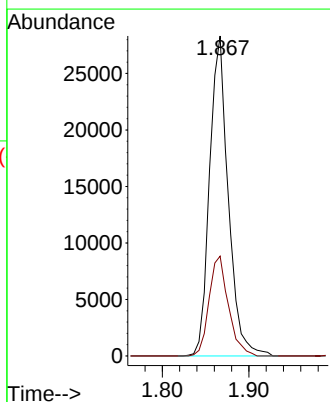
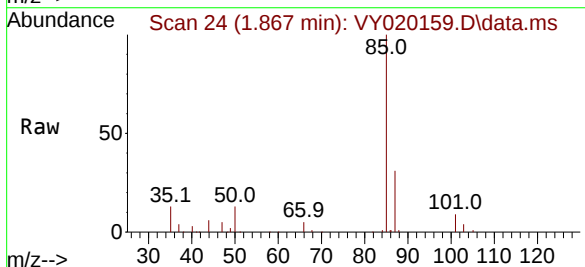
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 231281
Ion Ratio Lower Upper
168 100
99 61.5 39.1 58.7#



#2
Dichlorodifluoromethane
Concen: 19.808 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.001 min
Lab File: VY020159.D
Acq: 05 Nov 2024 12:10

Tgt Ion: 85 Resp: 42407
Ion Ratio Lower Upper
85 100
87 31.2 16.0 48.0

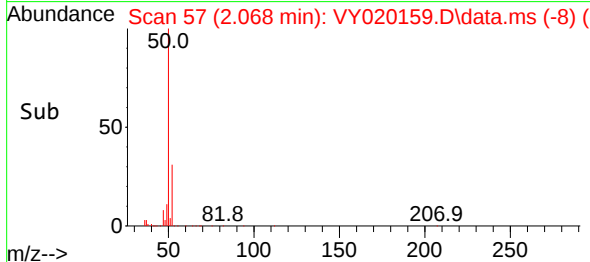
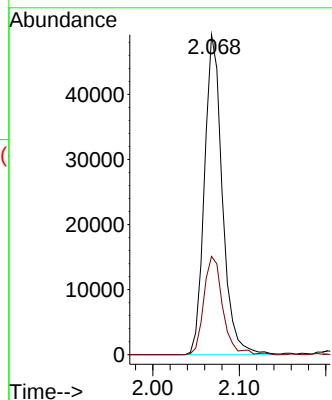
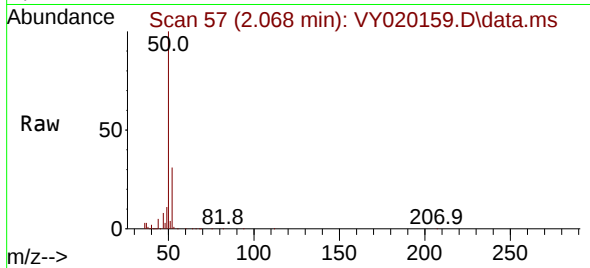




#3
Chloromethane
Concen: 19.889 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY020159.D
Acq: 05 Nov 2024 12:10

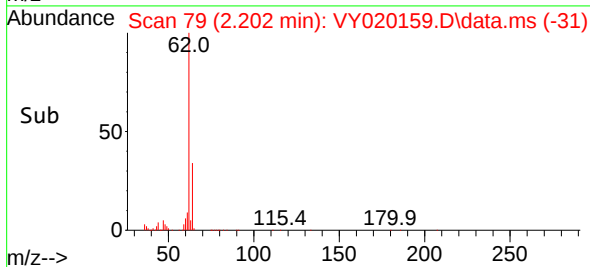
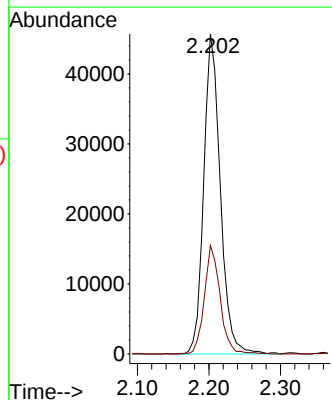
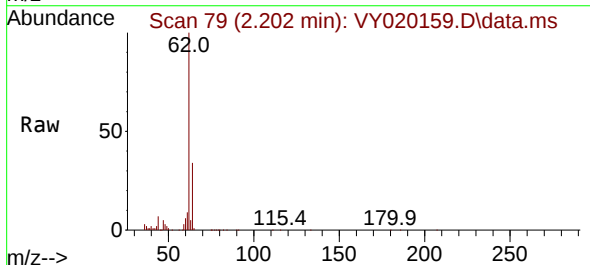
Instrument :
MSVOA_Y
ClientSampleId :

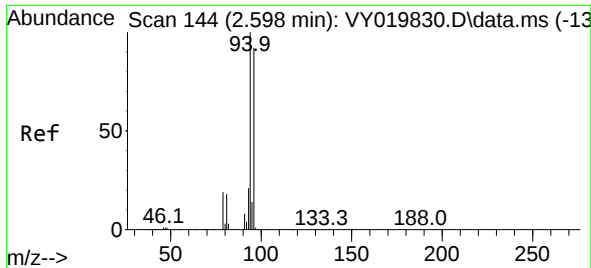
Tgt Ion: 50 Resp: 70530
Ion Ratio Lower Upper
50 100
52 30.7 25.6 38.4



#4
Vinyl Chloride
Concen: 19.361 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.006 min
Lab File: VY020159.D
Acq: 05 Nov 2024 12:10

Tgt Ion: 62 Resp: 73706
Ion Ratio Lower Upper
62 100
64 33.9 26.1 39.1

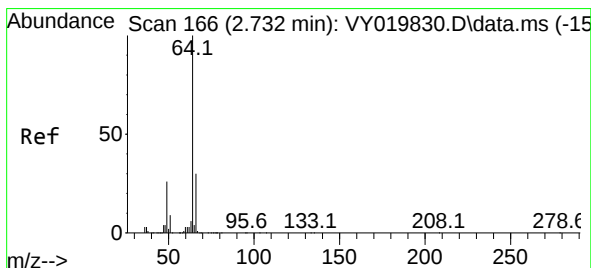
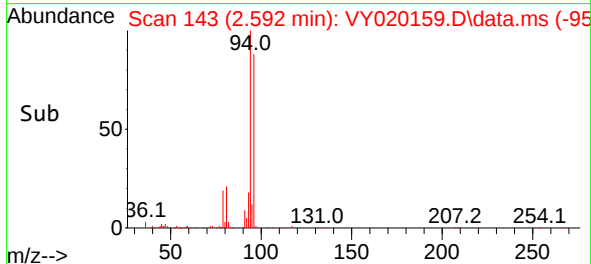
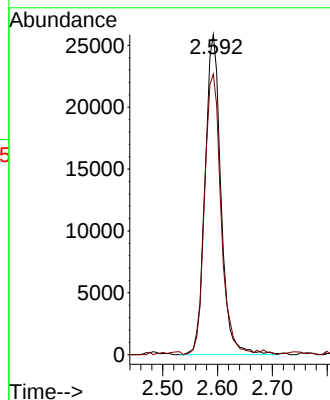
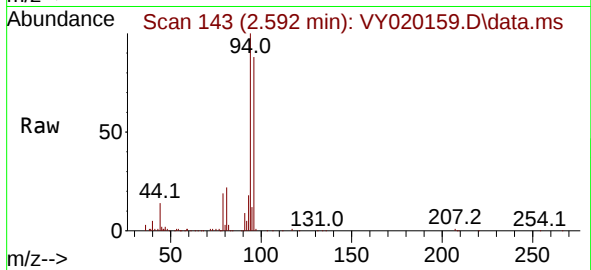




#5
Bromomethane
Concen: 20.603 ug/l
RT: 2.592 min Scan# 144
Delta R.T. -0.006 min
Lab File: VY020159.D
Acq: 05 Nov 2024 12:10

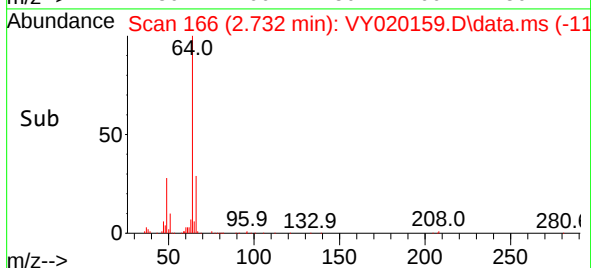
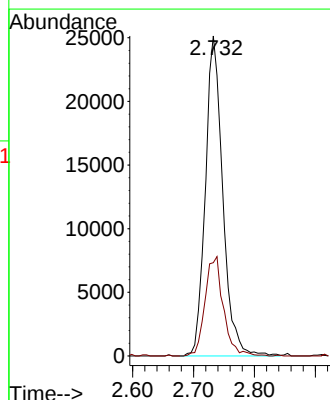
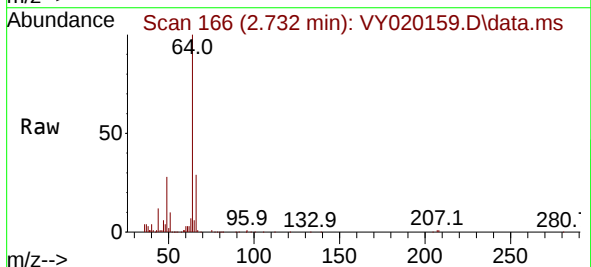
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 94 Resp: 52074
Ion Ratio Lower Upper
94 100
96 87.3 74.1 111.1



#6
Chloroethane
Concen: 20.340 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY020159.D
Acq: 05 Nov 2024 12:10

Tgt Ion: 64 Resp: 49975
Ion Ratio Lower Upper
64 100
66 29.2 26.1 39.1

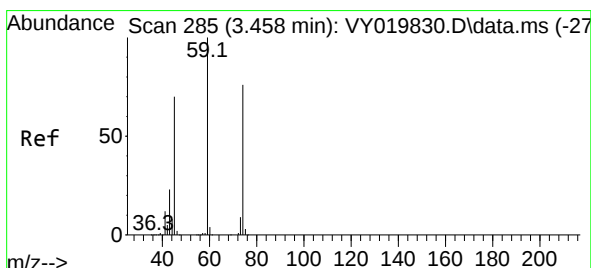
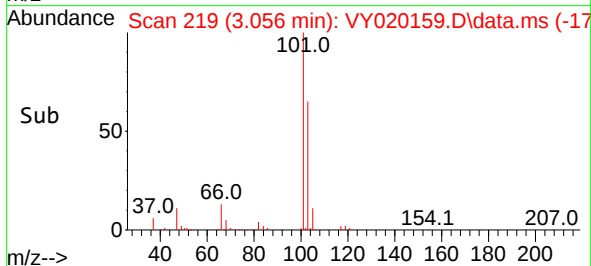
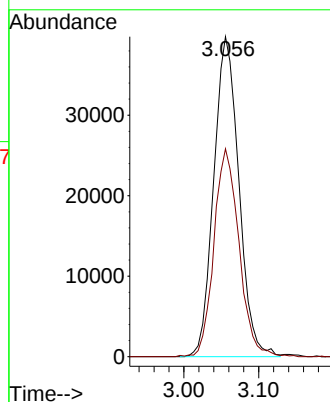
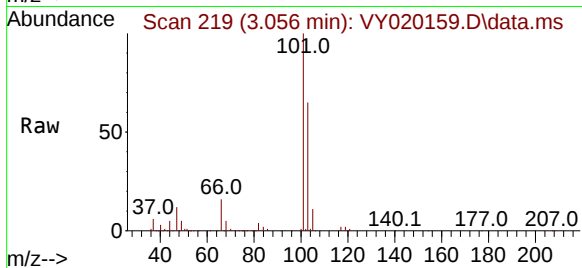




#7
Trichlorofluoromethane
Concen: 19.947 ug/l
RT: 3.056 min Scan# 219
Delta R.T. -0.006 min
Lab File: VY020159.D
Acq: 05 Nov 2024 12:10

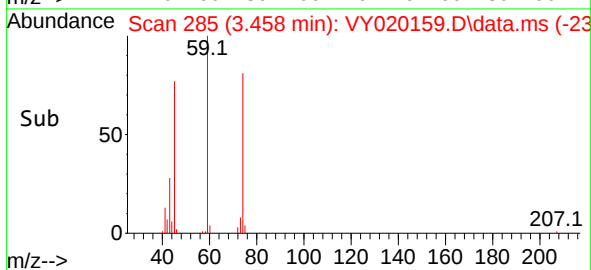
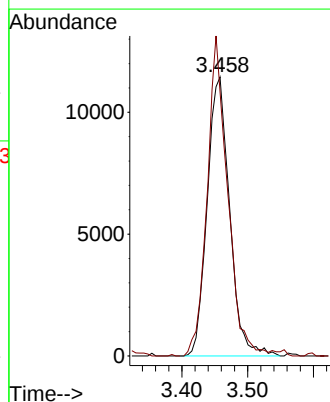
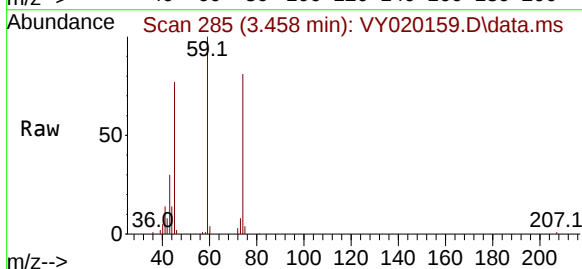
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:101 Resp: 92770
Ion Ratio Lower Upper
101 100
103 64.6 49.3 73.9



#8
Diethyl Ether
Concen: 20.931 ug/l
RT: 3.458 min Scan# 285
Delta R.T. 0.000 min
Lab File: VY020159.D
Acq: 05 Nov 2024 12:10

Tgt Ion: 74 Resp: 27150
Ion Ratio Lower Upper
74 100
45 104.4 41.3 124.1

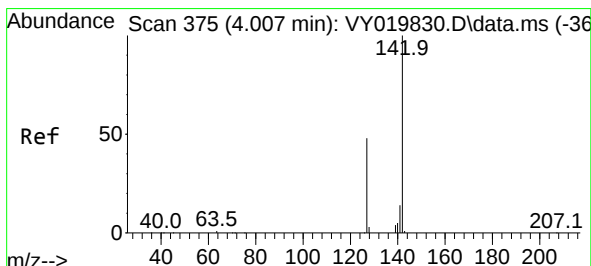
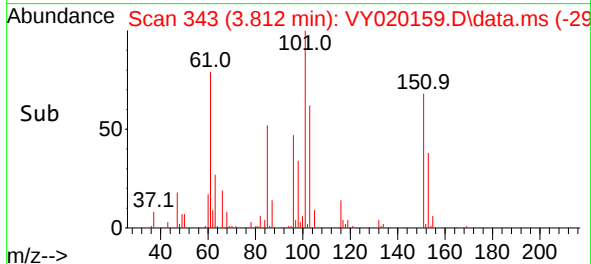
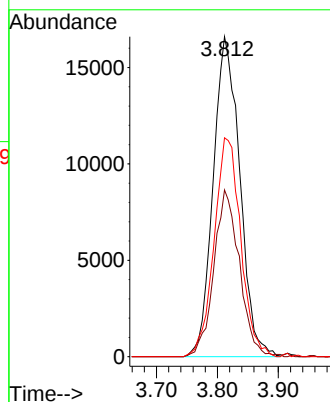
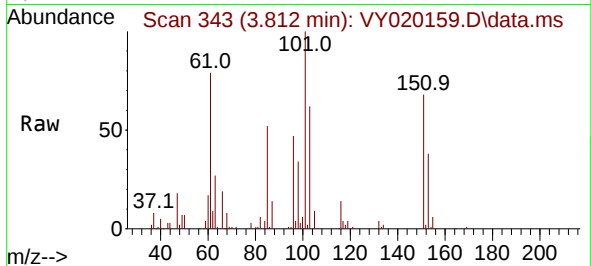




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.312 ug/l
RT: 3.812 min Scan# 344
Delta R.T. 0.000 min
Lab File: VY020159.D
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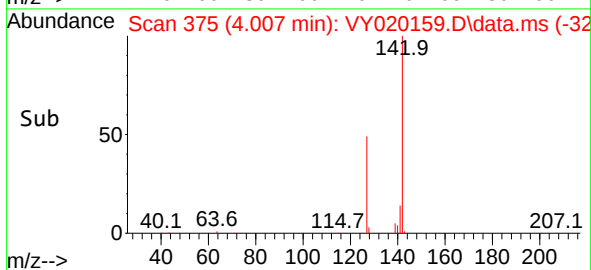
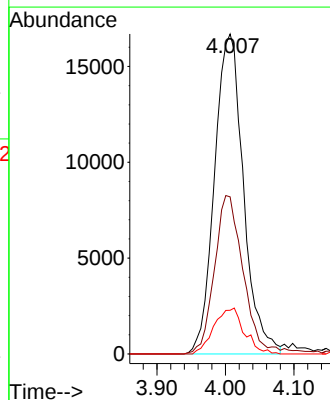
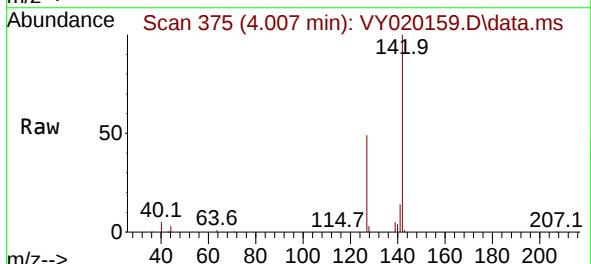
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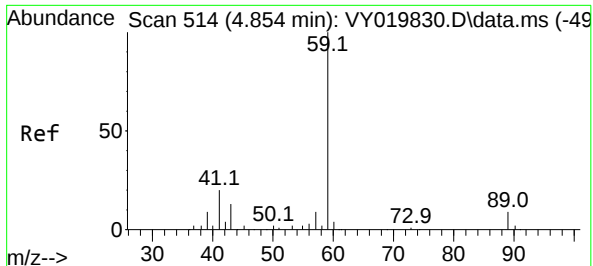
Tgt Ion:101 Resp: 50376
Ion Ratio Lower Upper
101 100
85 50.1 34.5 51.7
151 68.5 61.7 92.5



#10
Methyl Iodide
Concen: 19.425 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.000 min
Lab File: VY020159.D
Acq: 05 Nov 2024 12:10

Tgt Ion:142 Resp: 48922
Ion Ratio Lower Upper
142 100
127 49.8 32.8 49.2#
141 15.0 11.4 17.2

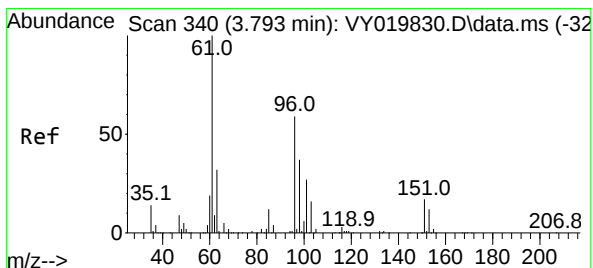
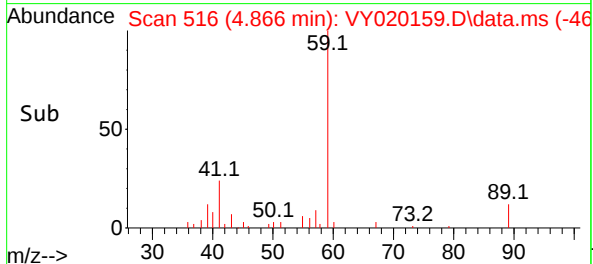
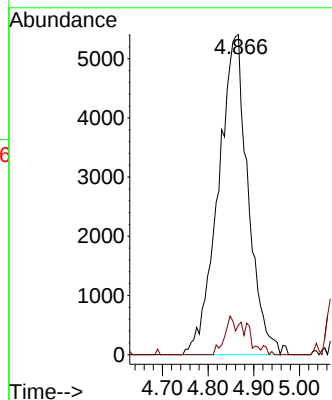
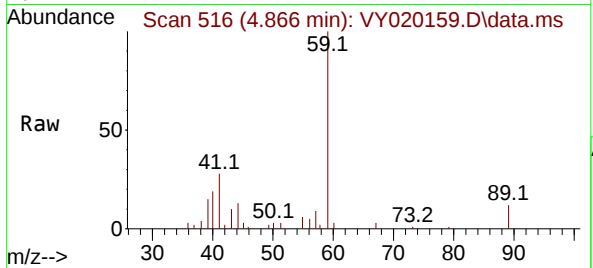




#11
Tert butyl alcohol
Concen: 117.998 ug/l
RT: 4.866 min Scan# 514
Delta R.T. 0.006 min
Lab File: VY020159.D
Acq: 05 Nov 2024 12:10

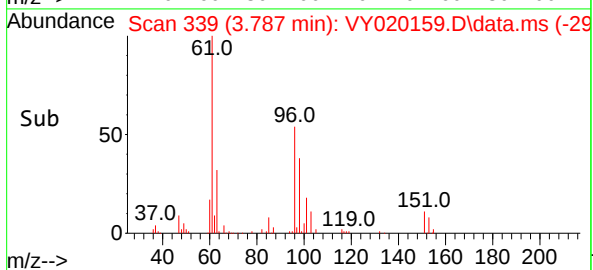
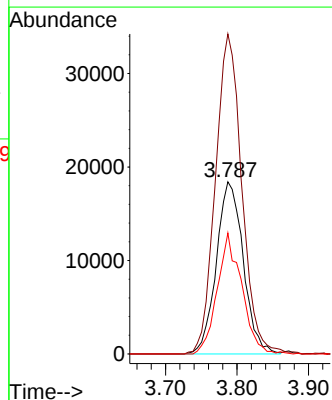
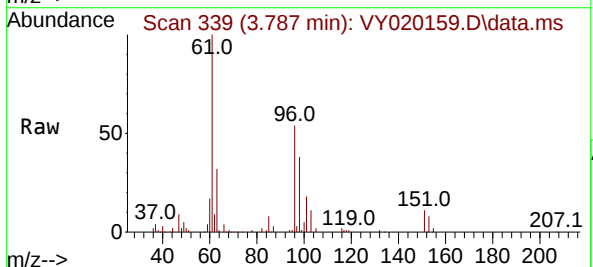
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 59 Resp: 24500
Ion Ratio Lower Upper
59 100
57 4.2 3.0 4.6



#12
1,1-Dichloroethene
Concen: 19.300 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY020159.D
Acq: 05 Nov 2024 12:10

Tgt Ion: 96 Resp: 48168
Ion Ratio Lower Upper
96 100
61 185.9 114.6 171.8#
98 70.3 50.8 76.2





#13

Acrolein

Concen: 85.733 ug/l

RT: 3.647 min Scan# 316

Delta R.T. -0.006 min

Lab File: VY020159.D

Acq: 05 Nov 2024 12:10

Instrument :

MSVOA_Y

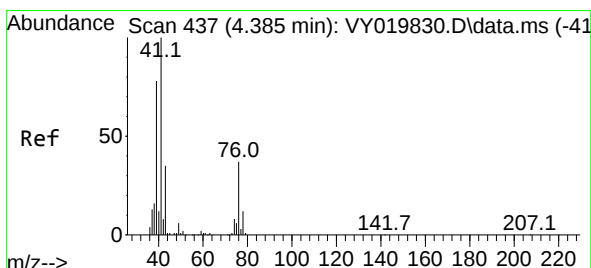
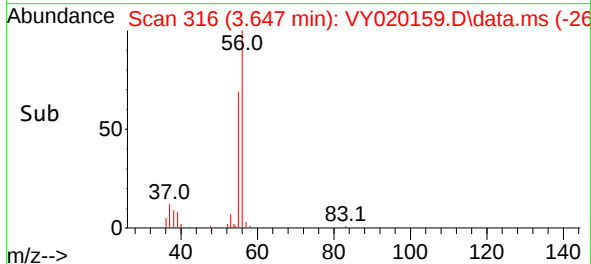
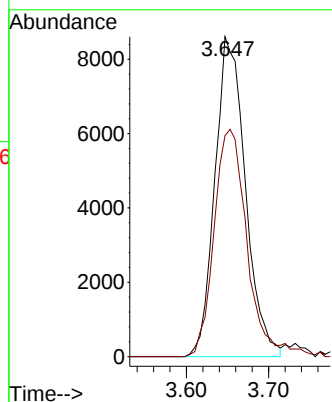
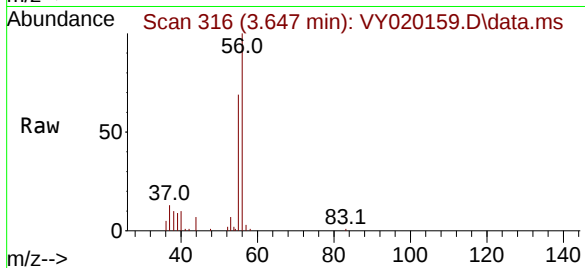
ClientSampleId :

Tgt Ion: 56 Resp: 22159

Ion Ratio Lower Upper

56 100

55 77.5 55.7 83.5



#14

Allyl chloride

Concen: 19.883 ug/l

RT: 4.378 min Scan# 436

Delta R.T. -0.006 min

Lab File: VY020159.D

Acq: 05 Nov 2024 12:10

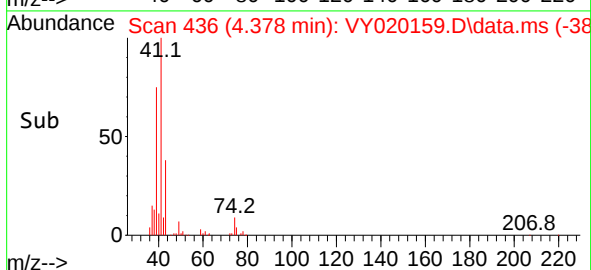
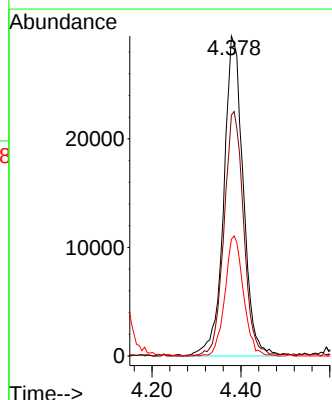
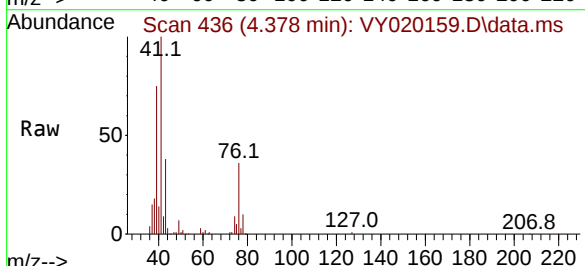
Tgt Ion: 41 Resp: 89531

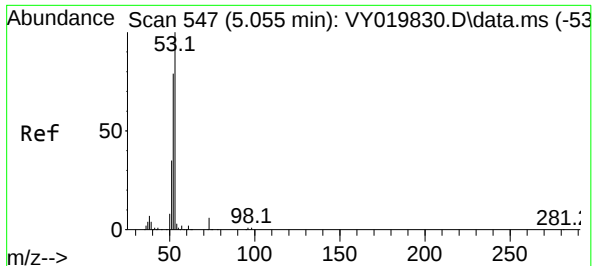
Ion Ratio Lower Upper

41 100

39 77.0 58.3 87.5

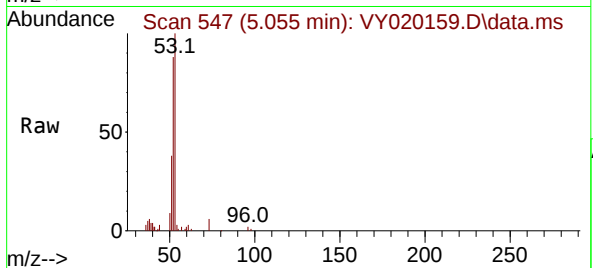
76 35.6 39.0 58.6#



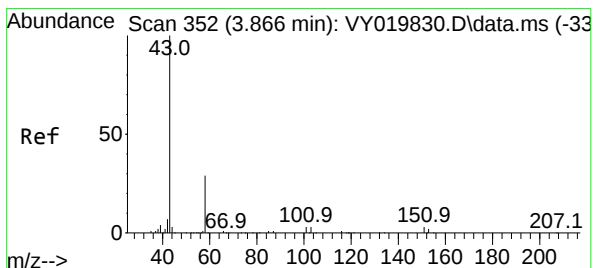
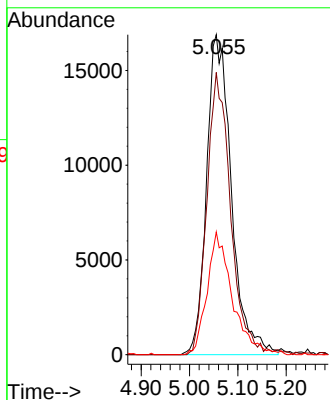
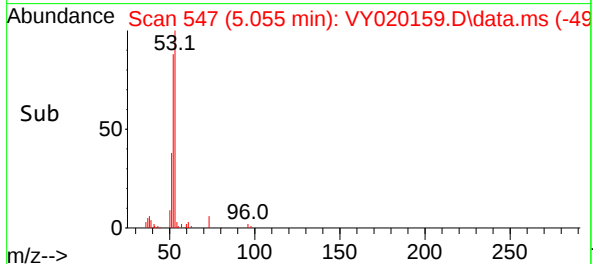


#15
Acrylonitrile
Concen: 101.910 ug/l
RT: 5.055 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY020159.D
Acq: 05 Nov 2024 12:10

Instrument :
MSVOA_Y
ClientSampleId :

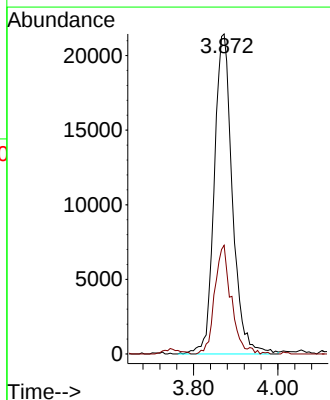
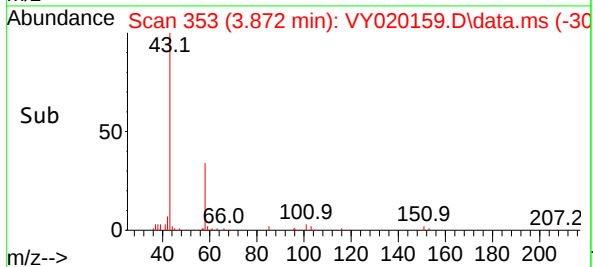
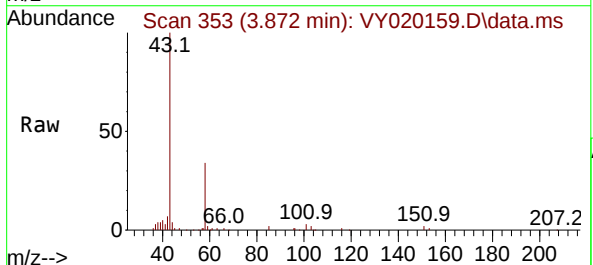


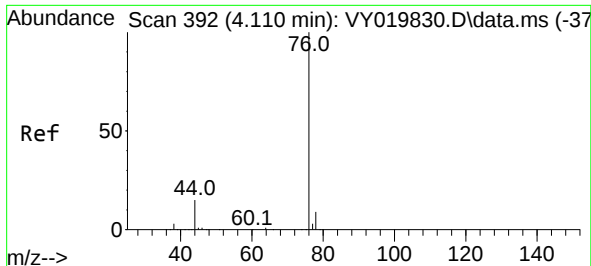
Tgt Ion: 53 Resp: 60173
Ion Ratio Lower Upper
53 100
52 83.9 64.7 97.1
51 39.1 28.4 42.6



#16
Acetone
Concen: 95.314 ug/l
RT: 3.872 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY020159.D
Acq: 05 Nov 2024 12:10

Tgt Ion: 43 Resp: 63982
Ion Ratio Lower Upper
43 100
58 34.0 31.7 47.5





#17

Carbon Disulfide

Concen: 18.936 ug/l

RT: 4.104 min Scan# 391

Delta R.T. 0.000 min

Lab File: VY020159.D

Acq: 05 Nov 2024 12:10

Instrument :

MSVOA_Y

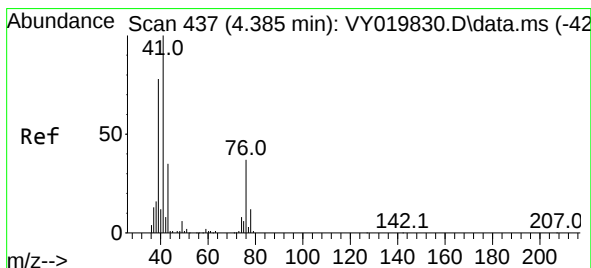
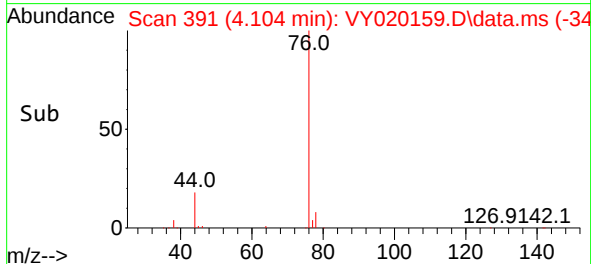
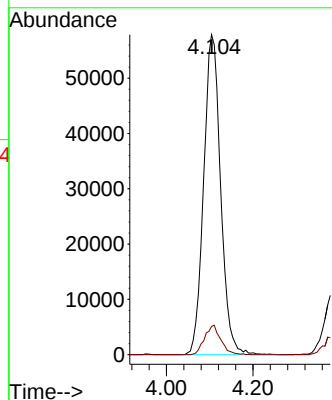
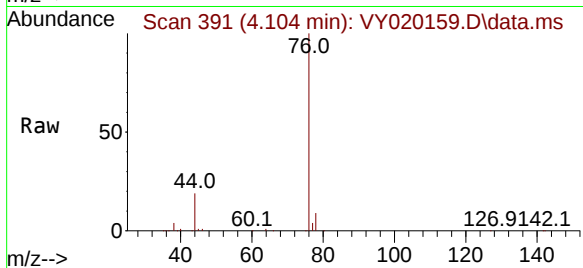
ClientSampleId :

Tgt Ion: 76 Resp: 157282

Ion Ratio Lower Upper

76 100

78 8.8 6.8 10.2



#18

Methyl Acetate

Concen: 21.105 ug/l

RT: 4.385 min Scan# 437

Delta R.T. 0.000 min

Lab File: VY020159.D

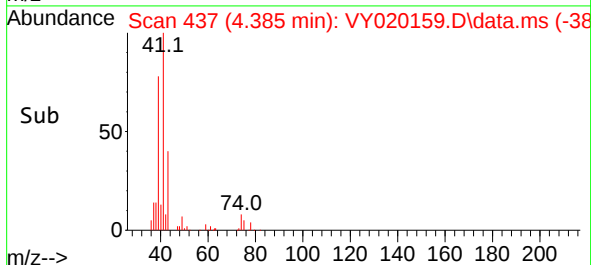
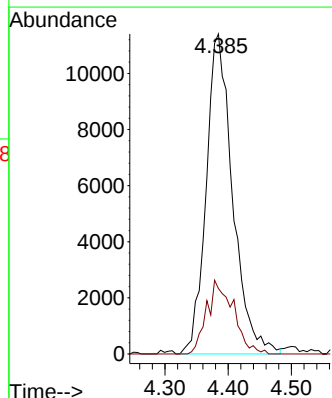
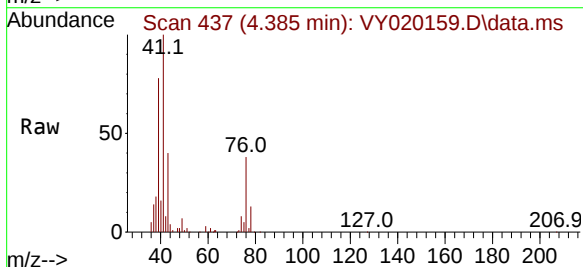
Acq: 05 Nov 2024 12:10

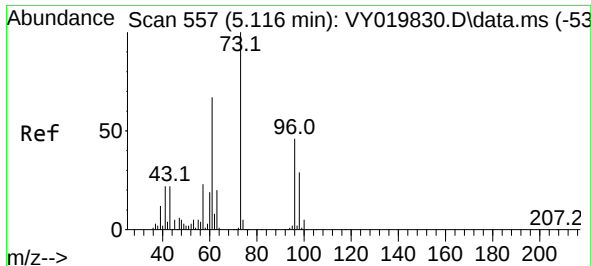
Tgt Ion: 43 Resp: 33241

Ion Ratio Lower Upper

43 100

74 23.2 23.3 34.9#





#19

Methyl tert-butyl Ether

Concen: 20.189 ug/l

RT: 5.116 min Scan# 5

Delta R.T. 0.000 min

Lab File: VY020159.D

Acq: 05 Nov 2024 12:10

Instrument :

MSVOA_Y

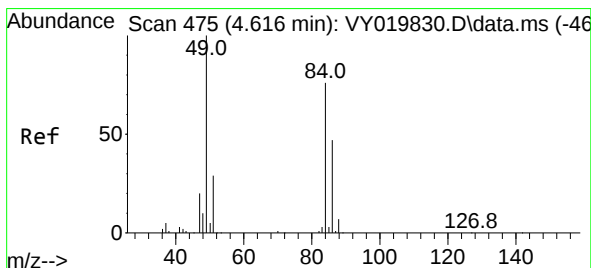
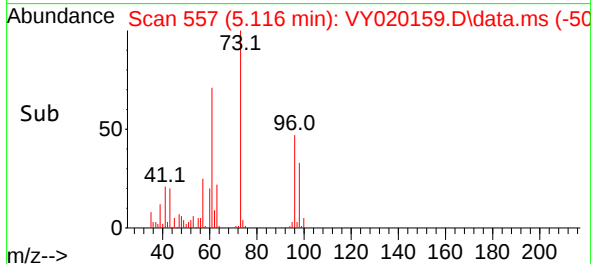
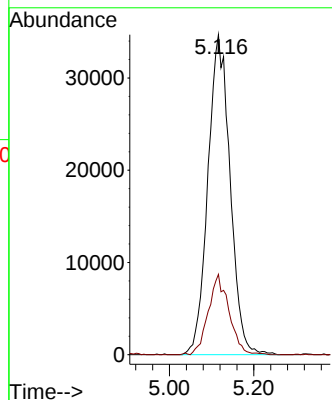
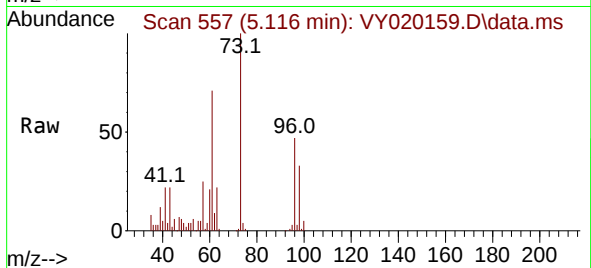
ClientSampleId :

Tgt Ion: 73 Resp: 126766

Ion Ratio Lower Upper

73 100

57 25.1 17.3 25.9



#20

Methylene Chloride

Concen: 18.431 ug/l

RT: 4.616 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY020159.D

Acq: 05 Nov 2024 12:10

Tgt Ion: 84 Resp: 55579

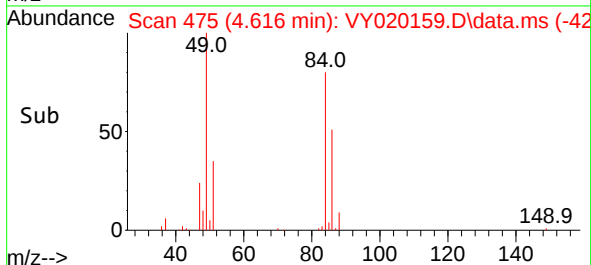
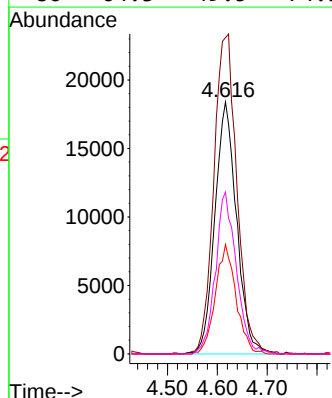
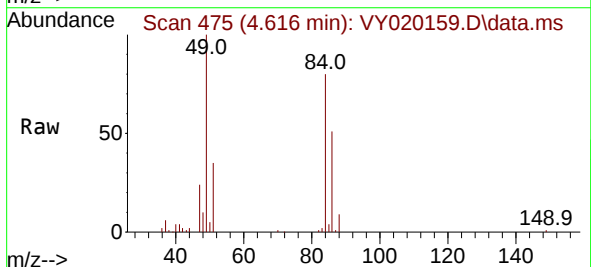
Ion Ratio Lower Upper

84 100

49 125.5 84.4 126.6

51 43.5 26.0 39.0#

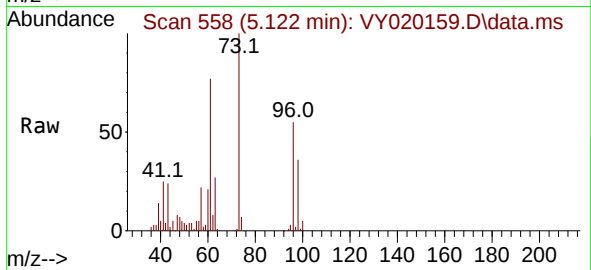
86 64.3 49.5 74.3



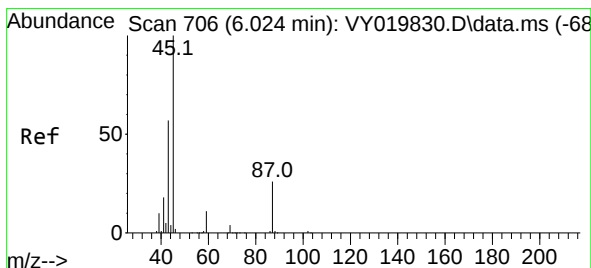
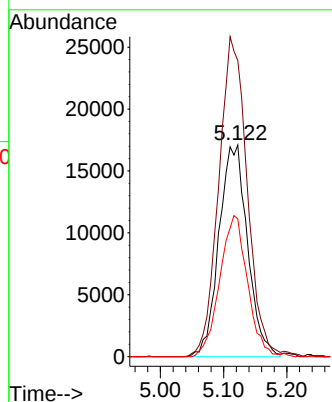
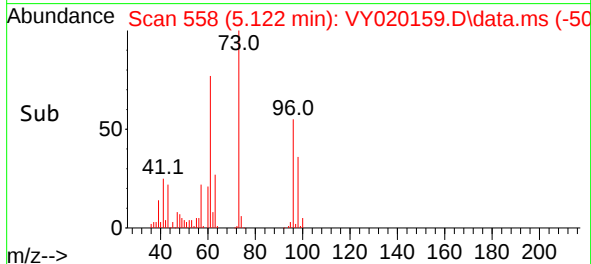


#21
trans-1,2-Dichloroethene
Concen: 19.058 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY020159.D
Acq: 05 Nov 2024 12:10

Instrument :
MSVOA_Y
ClientSampleId :

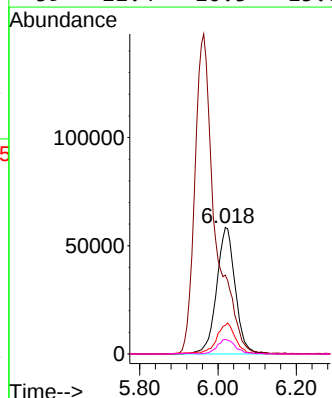
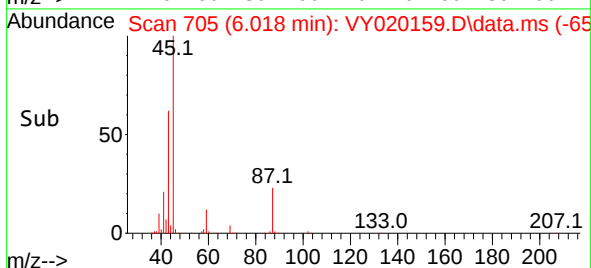
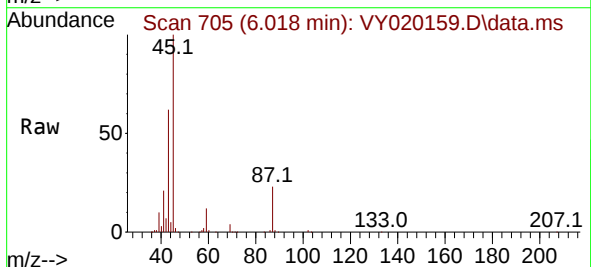


Tgt Ion: 96 Resp: 53644
Ion Ratio Lower Upper
96 100
61 140.0 97.5 146.3
98 65.1 50.5 75.7



#22
Diisopropyl ether
Concen: 20.687 ug/l
RT: 6.018 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY020159.D
Acq: 05 Nov 2024 12:10

Tgt Ion: 45 Resp: 193308
Ion Ratio Lower Upper
45 100
43 61.8 42.2 63.2
87 22.7 25.0 37.6#
59 11.4 10.5 15.7

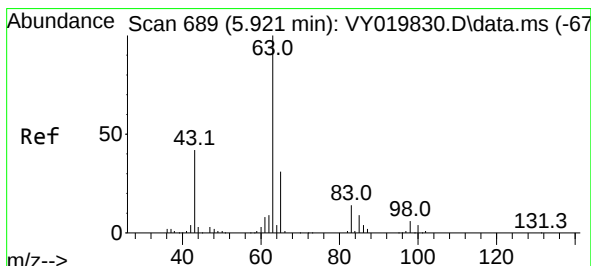
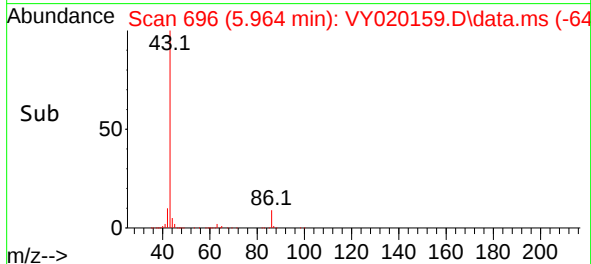
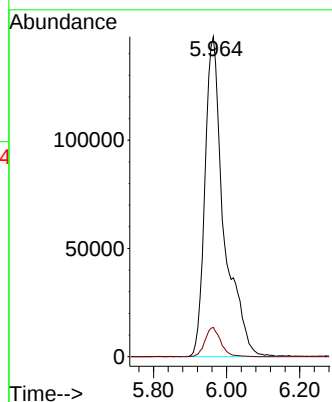
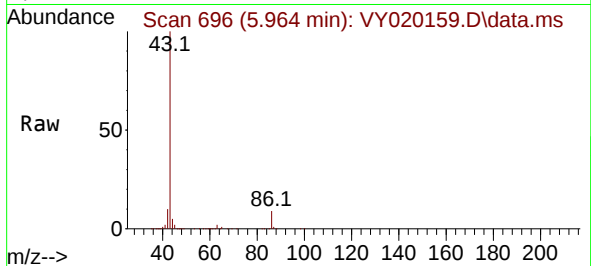




#23
 Vinyl Acetate
 Concen: 101.292 ug/l
 RT: 5.964 min Scan# 696
 Delta R.T. 0.006 min
 Lab File: VY020159.D
 Acq: 05 Nov 2024 12:10

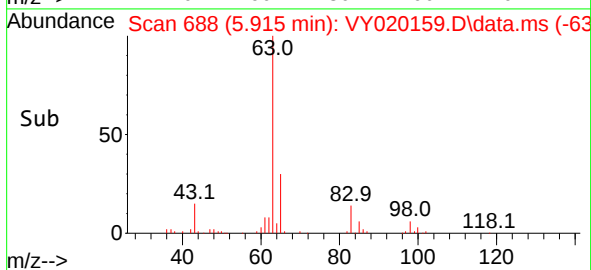
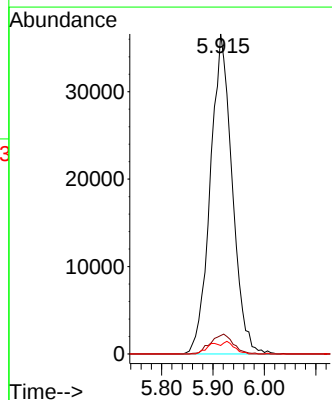
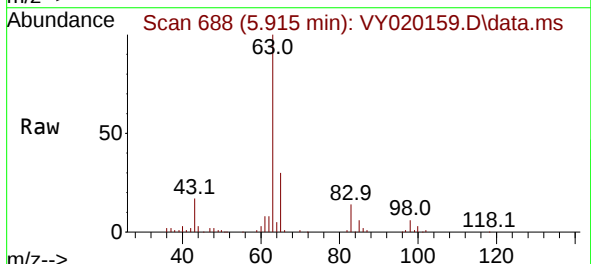
Instrument :
 MSVOA_Y
 ClientSampleId :

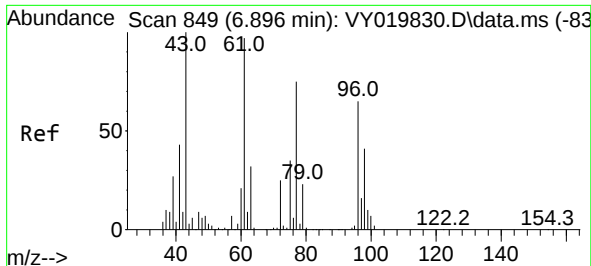
Tgt Ion: 43 Resp: 532670
 Ion Ratio Lower Upper
 43 100
 86 9.2 10.6 16.0#



#24
 1,1-Dichloroethane
 Concen: 19.985 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY020159.D
 Acq: 05 Nov 2024 12:10

Tgt Ion: 63 Resp: 108132
 Ion Ratio Lower Upper
 63 100
 98 5.8 4.0 12.2
 100 2.6 2.6 8.0#





#25

2-Butanone

Concen: 100.935 ug/l

RT: 6.890 min Scan# 849

Delta R.T. 0.000 min

Lab File: VY020159.D

Acq: 05 Nov 2024 12:10

Instrument :

MSVOA_Y

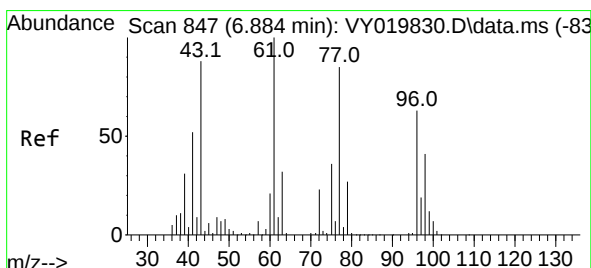
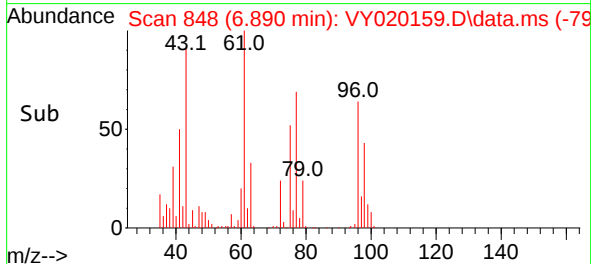
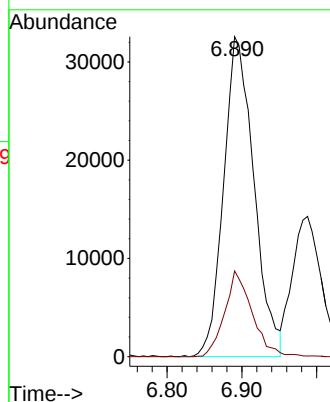
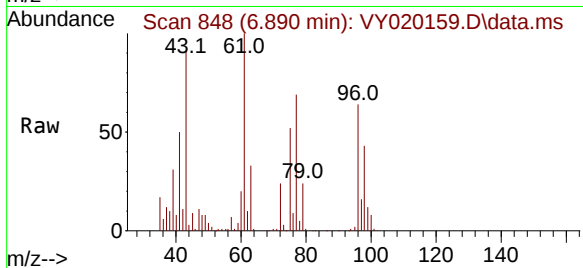
ClientSampleId :

Tgt Ion: 43 Resp: 91845

Ion Ratio Lower Upper

43 100

72 26.8 27.3 40.9#



#26

2,2-Dichloropropane

Concen: 18.462 ug/l

RT: 6.884 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY020159.D

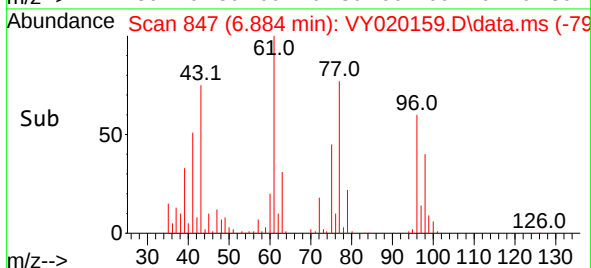
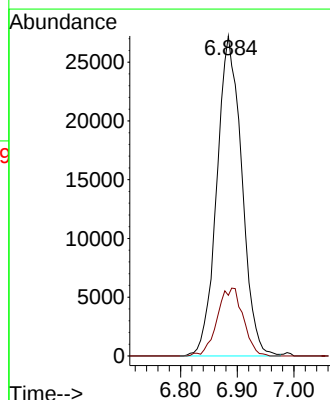
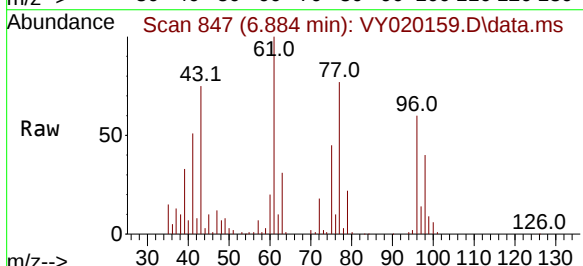
Acq: 05 Nov 2024 12:10

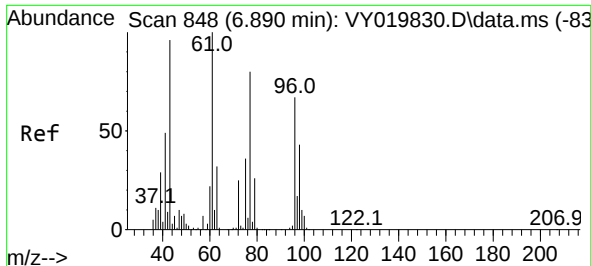
Tgt Ion: 77 Resp: 83115

Ion Ratio Lower Upper

77 100

97 22.1 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 19.488 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.000 min

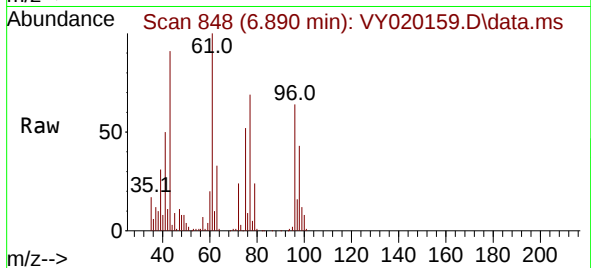
Lab File: VY020159.D

Acq: 05 Nov 2024 12:10

Instrument :

MSVOA_Y

ClientSampleId :



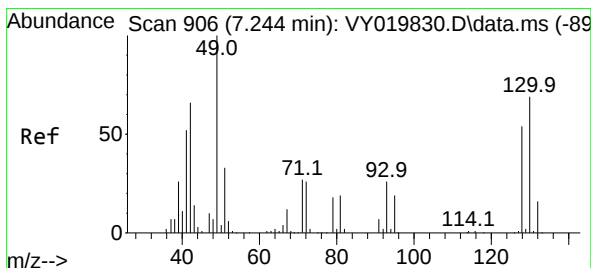
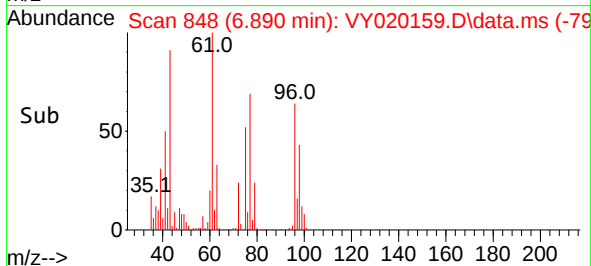
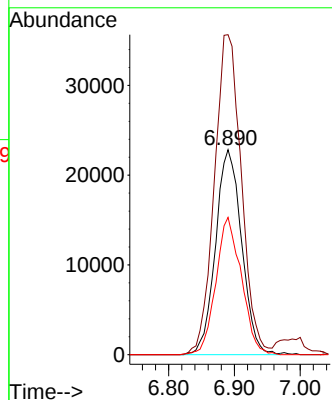
Tgt Ion: 96 Resp: 63056

Ion Ratio Lower Upper

96 100

61 161.6 0.0 256.2

98 65.6 0.0 130.0



#28

Bromochloromethane

Concen: 18.589 ug/l

RT: 7.244 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY020159.D

Acq: 05 Nov 2024 12:10

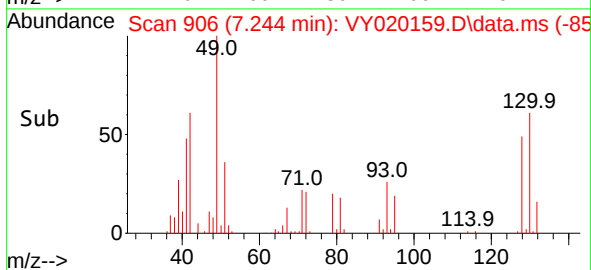
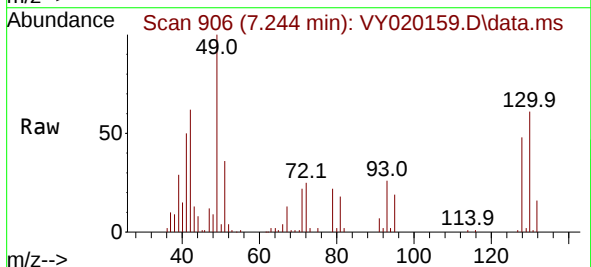
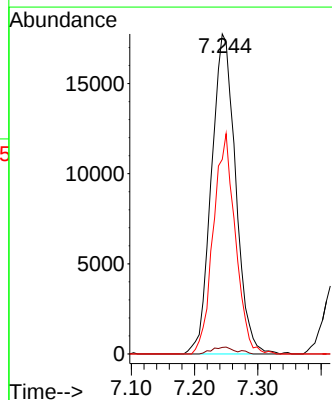
Tgt Ion: 49 Resp: 47097

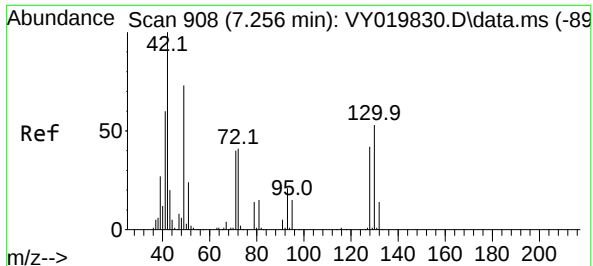
Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.6

130 62.9 72.7 109.1#

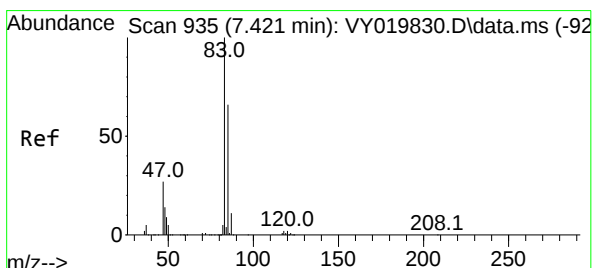
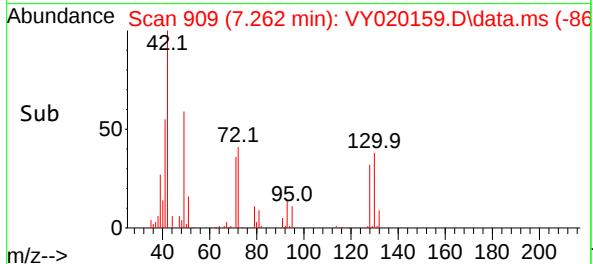
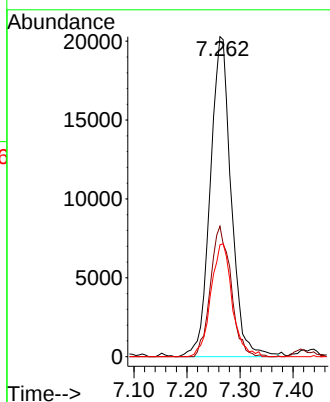
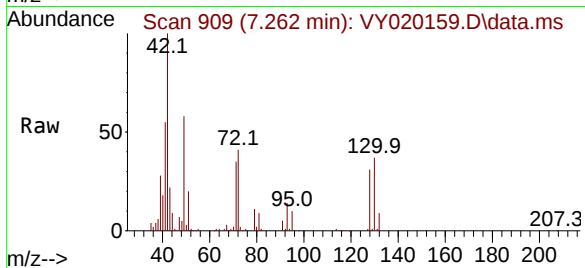




#29
Tetrahydrofuran
Concen: 105.844 ug/l
RT: 7.262 min Scan# 909
Delta R.T. 0.000 min
Lab File: VY020159.D
Acq: 05 Nov 2024 12:10

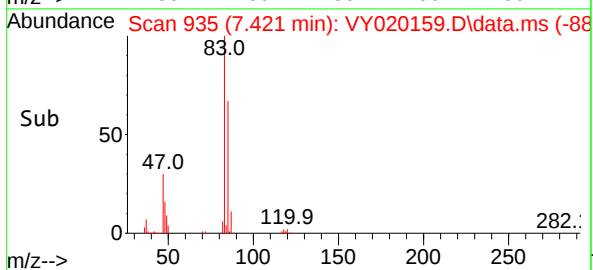
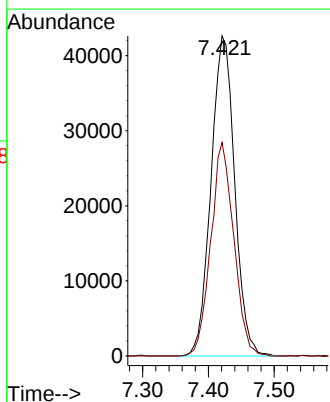
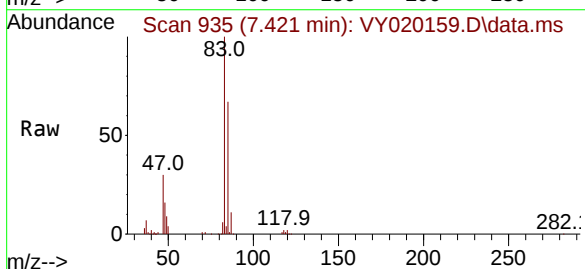
Instrument :
MSVOA_Y
ClientSampleId :

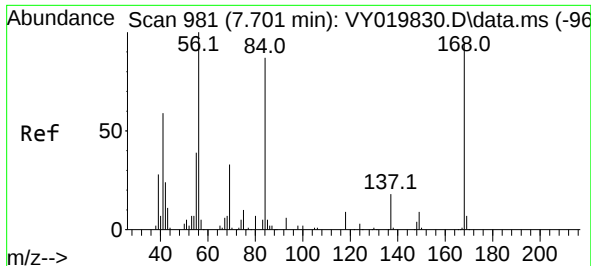
Tgt Ion: 42 Resp: 55582
Ion Ratio Lower Upper
42 100
72 39.9 43.0 64.4#
71 35.8 40.8 61.2#



#30
Chloroform
Concen: 19.874 ug/l
RT: 7.421 min Scan# 935
Delta R.T. 0.000 min
Lab File: VY020159.D
Acq: 05 Nov 2024 12:10

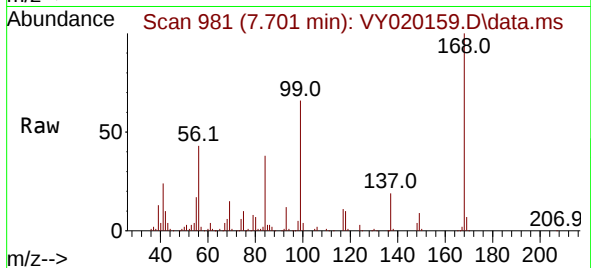
Tgt Ion: 83 Resp: 106708
Ion Ratio Lower Upper
83 100
85 66.7 52.2 78.4



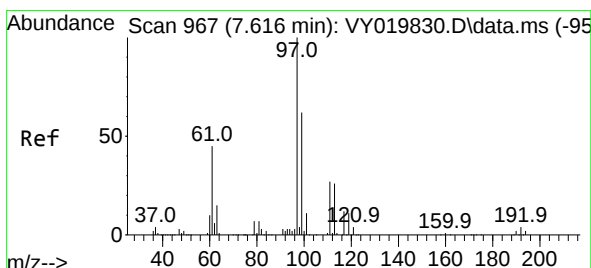
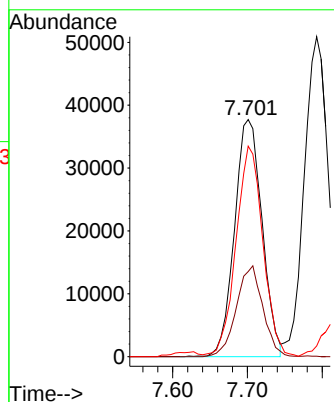
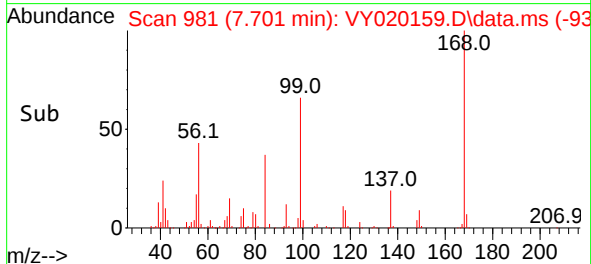


#31
Cyclohexane
Concen: 18.443 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY020159.D
Acq: 05 Nov 2024 12:10

Instrument :
MSVOA_Y
ClientSampleId :

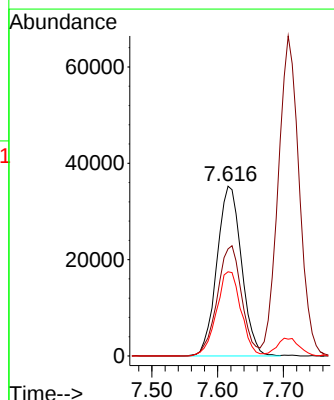
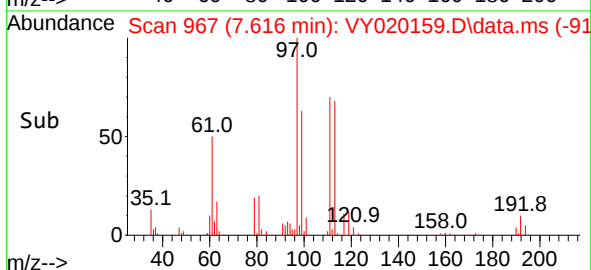
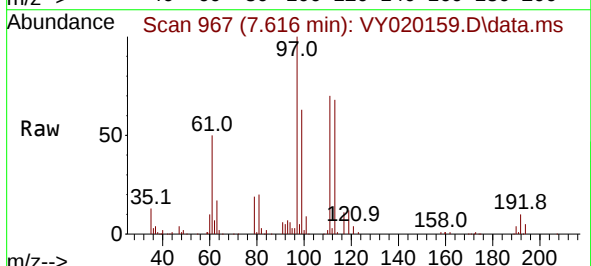


Tgt Ion: 56 Resp: 96609
Ion Ratio Lower Upper
56 100
69 35.6 28.7 43.1
84 86.7 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 19.608 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY020159.D
Acq: 05 Nov 2024 12:10

Tgt Ion: 97 Resp: 91915
Ion Ratio Lower Upper
97 100
99 64.5 50.3 75.5
61 49.1 32.6 48.8#





#33

1,2-Dichloroethane-d4

Concen: 47.582 ug/l

RT: 8.061 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020159.D

Acq: 05 Nov 2024 12:10

Instrument :

MSVOA_Y

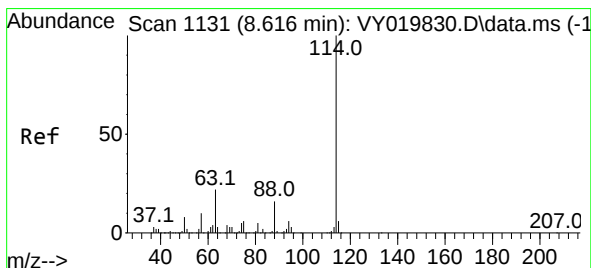
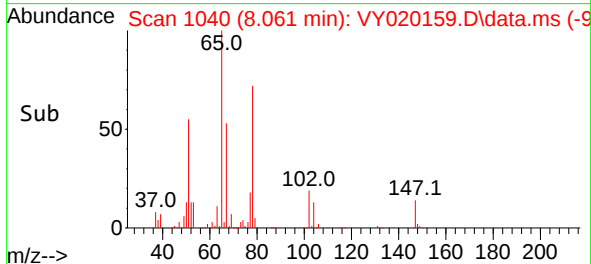
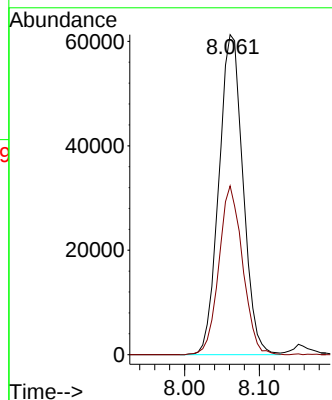
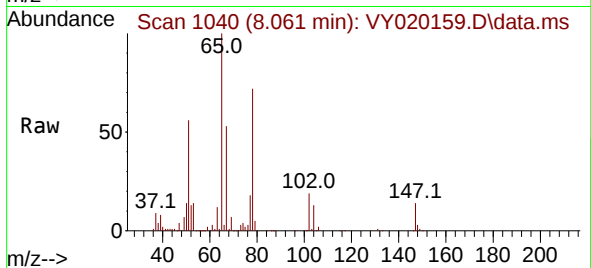
ClientSampleId :

Tgt Ion: 65 Resp: 137348

Ion Ratio Lower Upper

65 100

67 51.7 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY020159.D

Acq: 05 Nov 2024 12:10

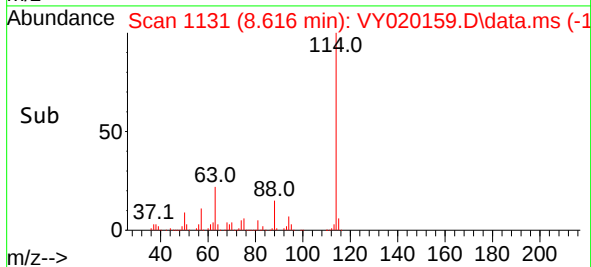
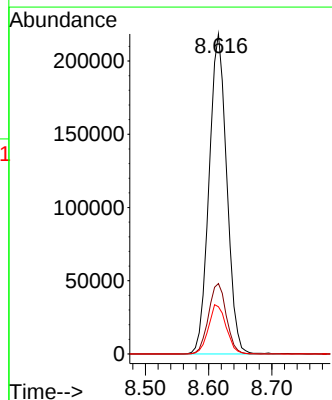
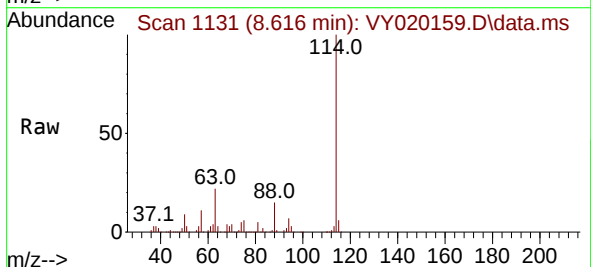
Tgt Ion: 114 Resp: 424025

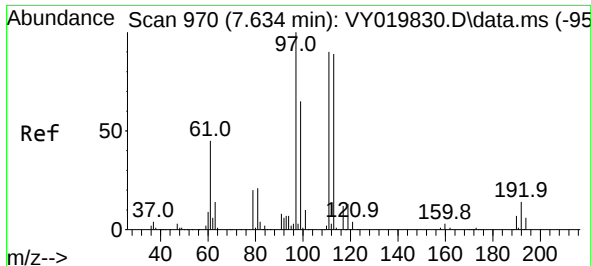
Ion Ratio Lower Upper

114 100

63 22.0 0.0 35.0

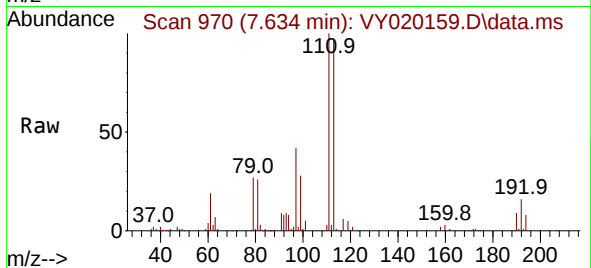
88 14.7 0.0 27.2



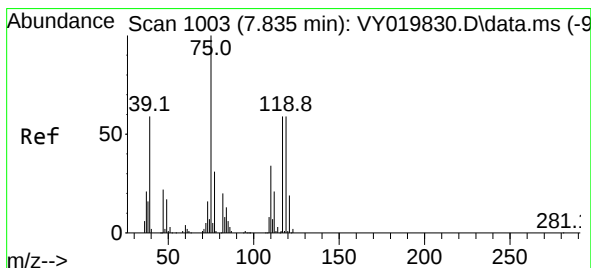
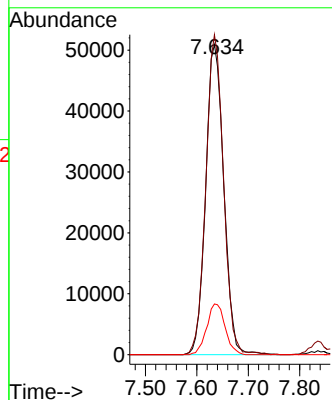
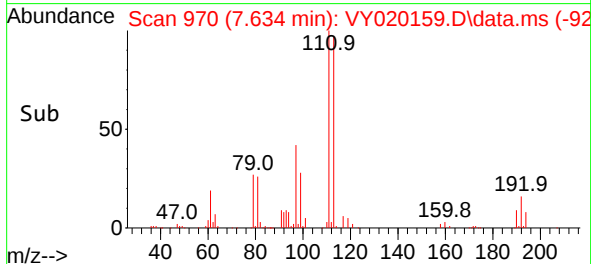


#35
Dibromofluoromethane
Concen: 46.042 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020159.D
Acq: 05 Nov 2024 12:10

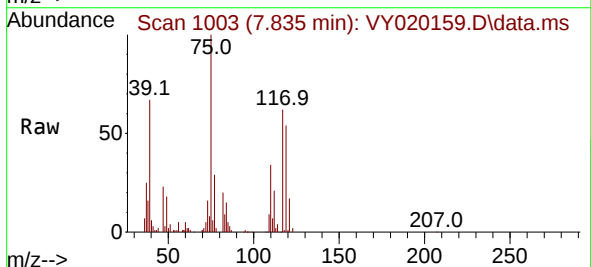
Instrument :
MSVOA_Y
ClientSampleId :



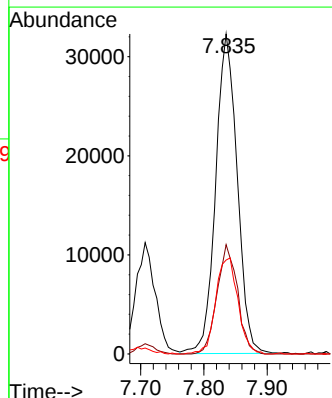
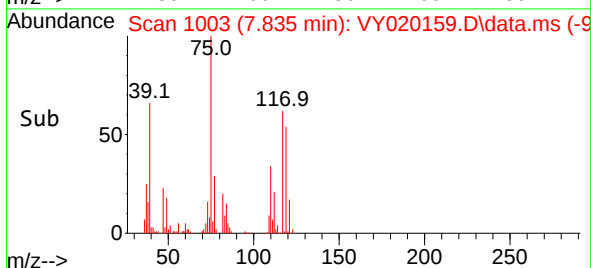
Tgt Ion:113 Resp: 124127
Ion Ratio Lower Upper
113 100
111 101.1 82.2 123.4
192 16.7 15.9 23.9

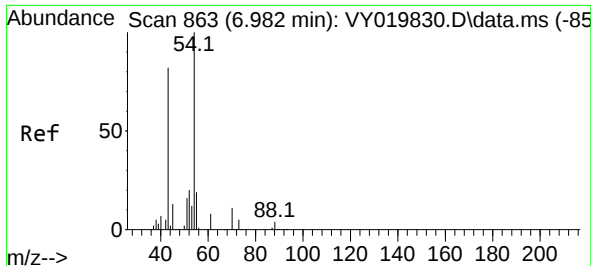


#36
1,1-Dichloropropene
Concen: 18.268 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY020159.D
Acq: 05 Nov 2024 12:10



Tgt Ion: 75 Resp: 76079
Ion Ratio Lower Upper
75 100
110 32.5 19.0 57.0
77 31.1 25.3 37.9





#37

Ethyl Acetate

Concen: 19.902 ug/l

RT: 6.988 min Scan# 80

Delta R.T. 0.006 min

Lab File: VY020159.D

Acq: 05 Nov 2024 12:10

Instrument :

MSVOA_Y

ClientSampleId :

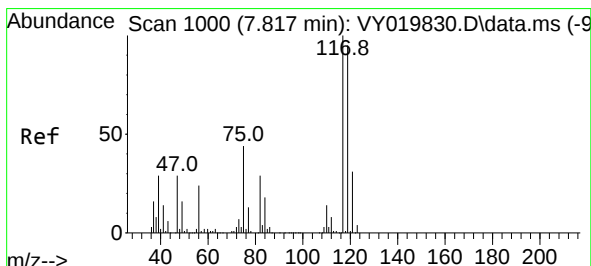
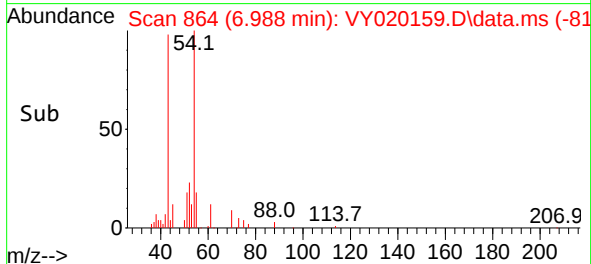
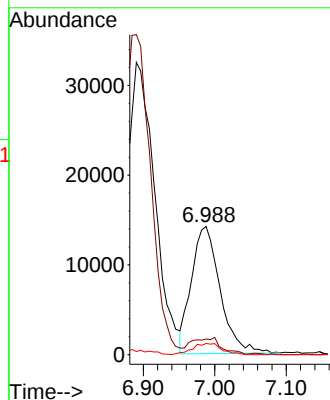
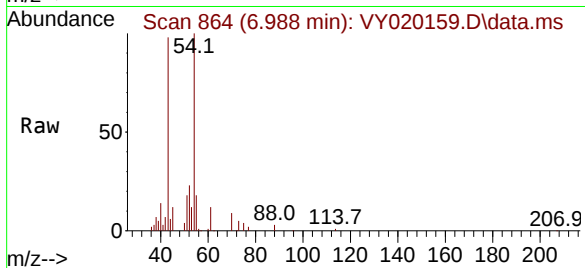
Tgt Ion: 43 Resp: 39516

Ion Ratio Lower Upper

43 100

61 12.6 12.6 19.0#

70 9.0 7.8 11.8



#38

Carbon Tetrachloride

Concen: 18.525 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VY020159.D

Acq: 05 Nov 2024 12:10

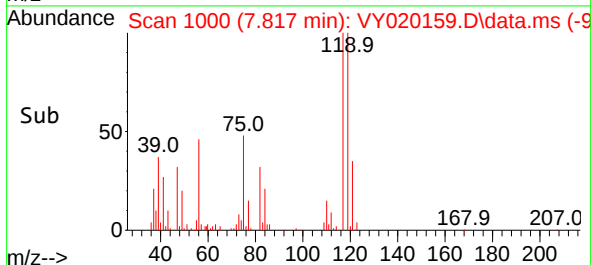
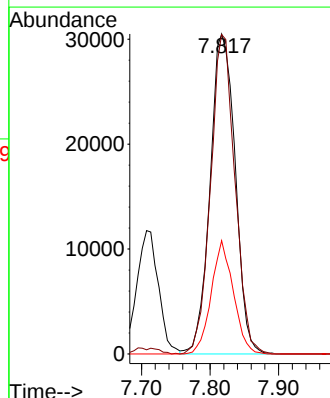
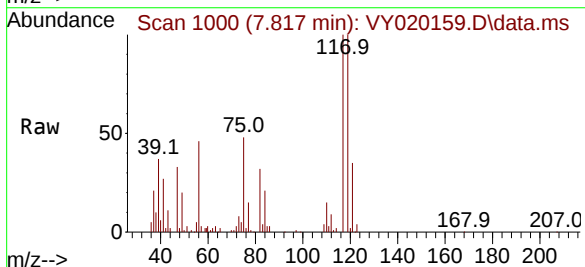
Tgt Ion: 117 Resp: 77581

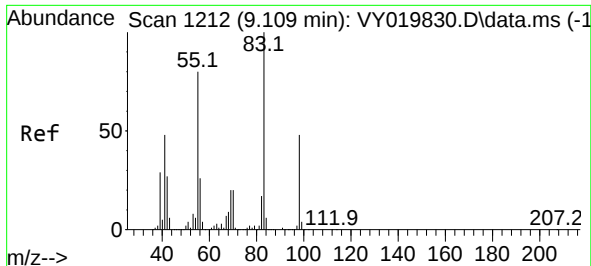
Ion Ratio Lower Upper

117 100

119 99.8 75.8 113.6

121 35.4 24.0 36.0





#39

Methylcyclohexane

Concen: 18.027 ug/l

RT: 9.109 min Scan# 11

Delta R.T. 0.000 min

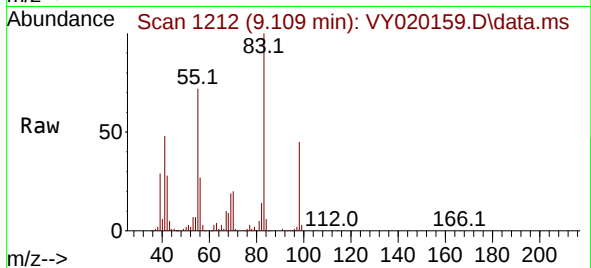
Lab File: VY020159.D

Acq: 05 Nov 2024 12:10

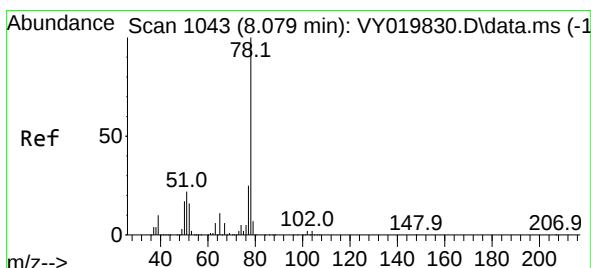
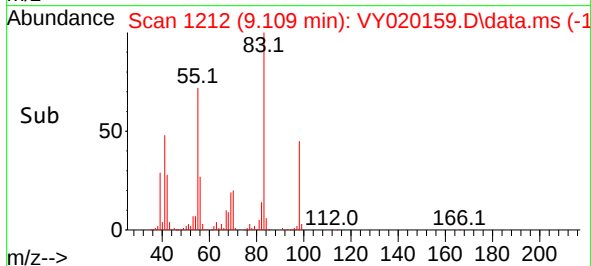
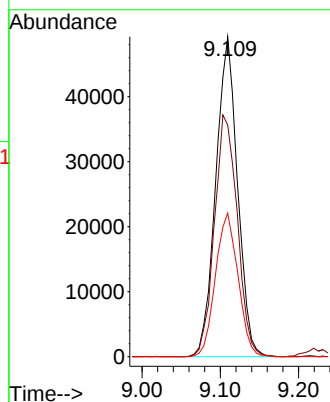
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	83	Resp:	95283
Ion	Ratio	Lower	Upper
83	100		
55	72.3	51.5	77.3
98	44.9	40.5	60.7



#40

Benzene

Concen: 19.531 ug/l

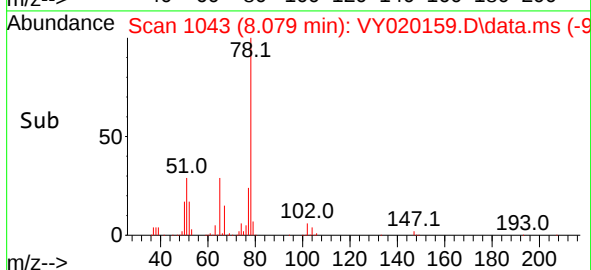
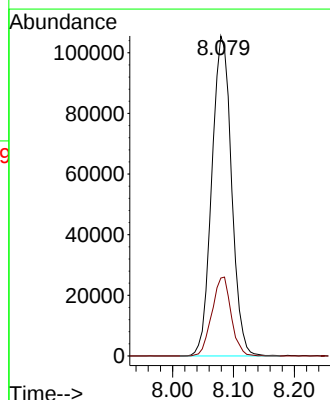
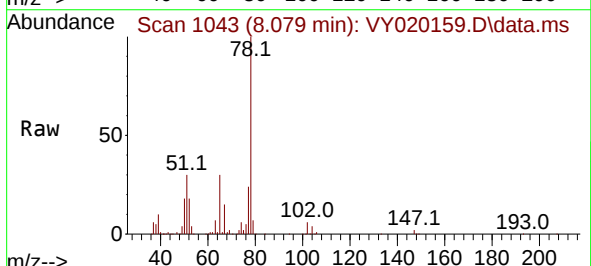
RT: 8.079 min Scan# 1043

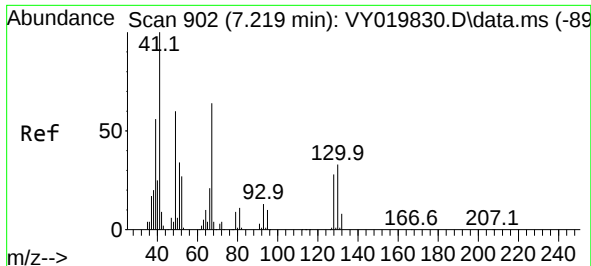
Delta R.T. 0.000 min

Lab File: VY020159.D

Acq: 05 Nov 2024 12:10

Tgt Ion:	78	Resp:	237409
Ion	Ratio	Lower	Upper
78	100		
77	24.3	19.5	29.3

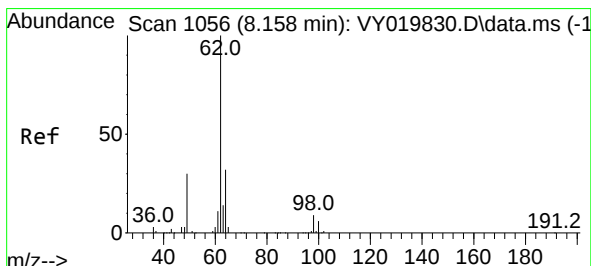
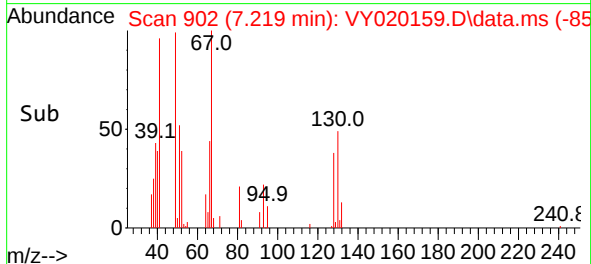
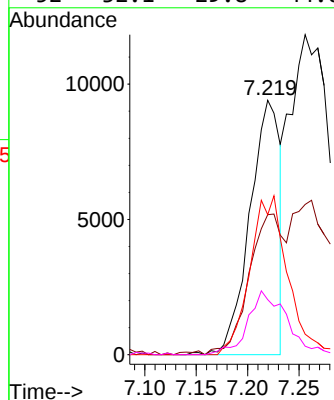
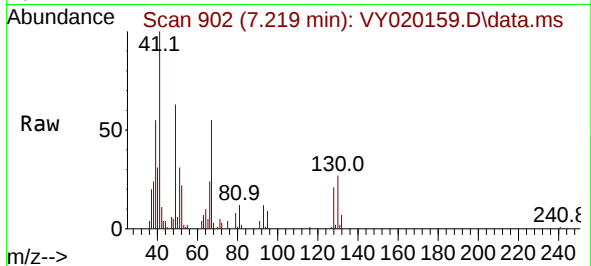




#41
Methacrylonitrile
Concen: 19.322 ug/l
RT: 7.219 min Scan# 902
Delta R.T. 0.000 min
Lab File: VY020159.D
Acq: 05 Nov 2024 12:10

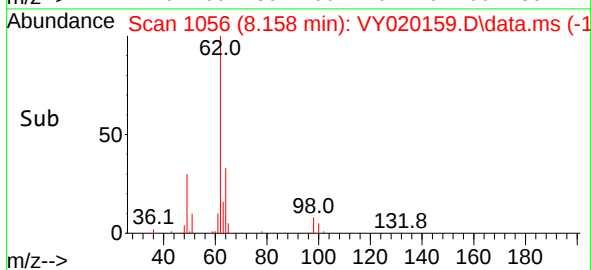
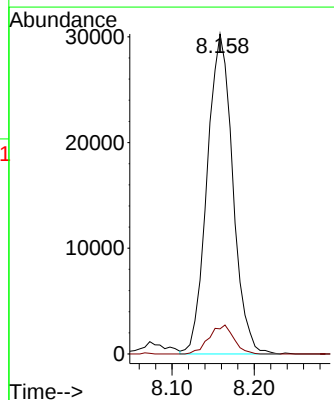
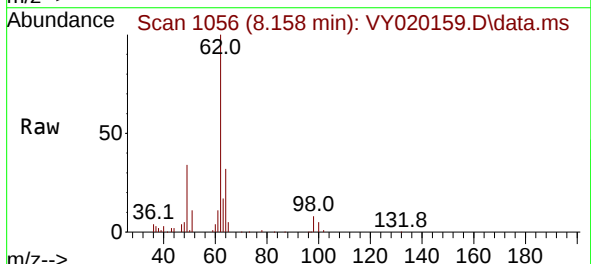
Instrument :
MSVOA_Y
ClientSampleId :

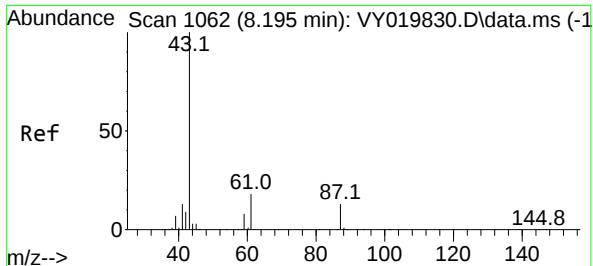
Tgt Ion: 41 Resp: 19218
Ion Ratio Lower Upper
41 100
39 65.4 48.0 72.0
67 77.9 75.1 112.7
52 32.1 29.8 44.6



#42
1,2-Dichloroethane
Concen: 19.493 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY020159.D
Acq: 05 Nov 2024 12:10

Tgt Ion: 62 Resp: 65587
Ion Ratio Lower Upper
62 100
98 8.7 0.0 22.0





#43

Isopropyl Acetate

Concen: 19.809 ug/l

RT: 8.195 min Scan# 1062

Delta R.T. 0.000 min

Lab File: VY020159.D

Acq: 05 Nov 2024 12:10

Instrument :

MSVOA_Y

ClientSampleId :

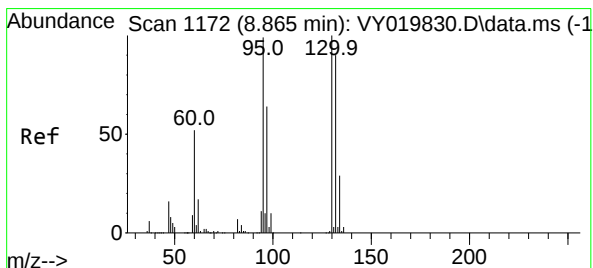
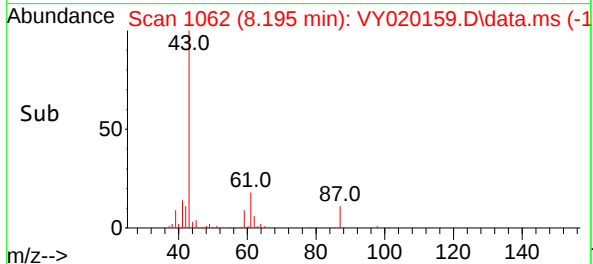
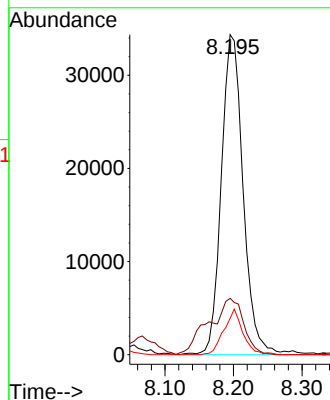
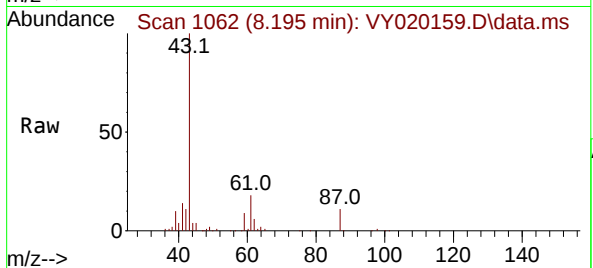
Tgt Ion: 43 Resp: 75633

Ion Ratio Lower Upper

43 100

61 28.2 27.9 41.9

87 12.4 13.1 19.7#



#44

Trichloroethene

Concen: 18.536 ug/l

RT: 8.866 min Scan# 1172

Delta R.T. 0.000 min

Lab File: VY020159.D

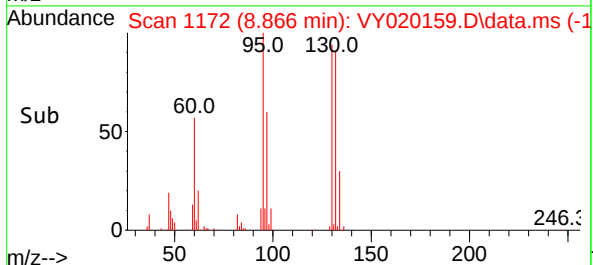
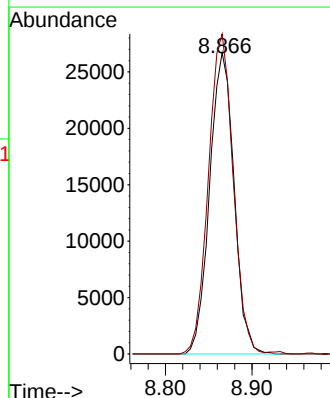
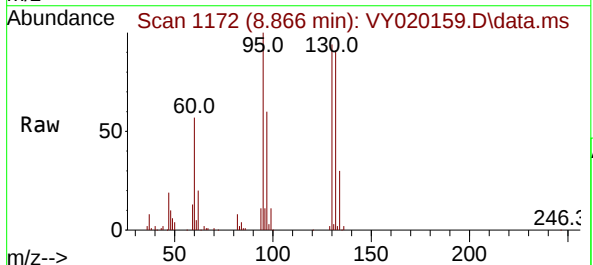
Acq: 05 Nov 2024 12:10

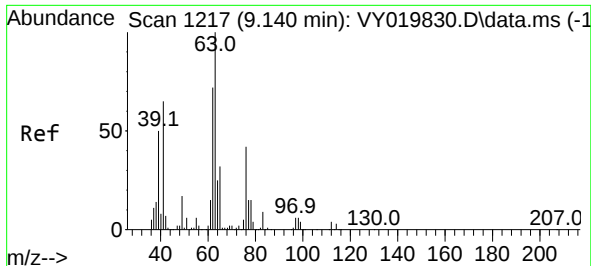
Tgt Ion:130 Resp: 52221

Ion Ratio Lower Upper

130 100

95 106.1 0.0 188.0





#45

1,2-Dichloropropane

Concen: 19.617 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY020159.D

Acq: 05 Nov 2024 12:10

Instrument :

MSVOA_Y

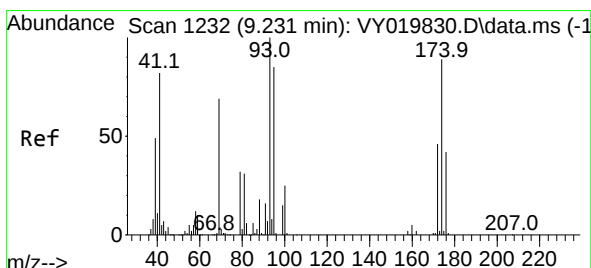
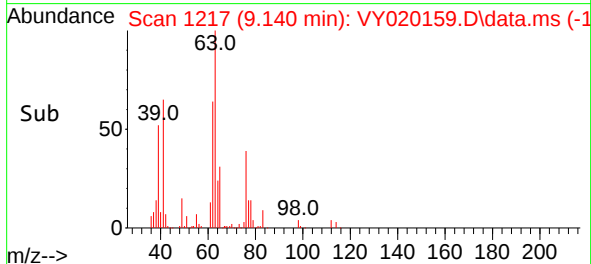
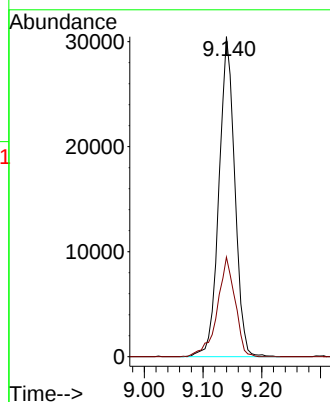
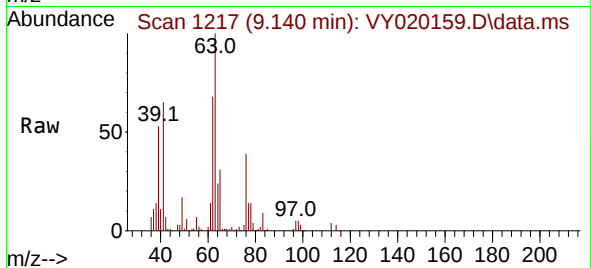
ClientSampleId :

Tgt Ion: 63 Resp: 57053

Ion Ratio Lower Upper

63 100

65 31.1 25.4 38.2



#46

Dibromomethane

Concen: 19.763 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY020159.D

Acq: 05 Nov 2024 12:10

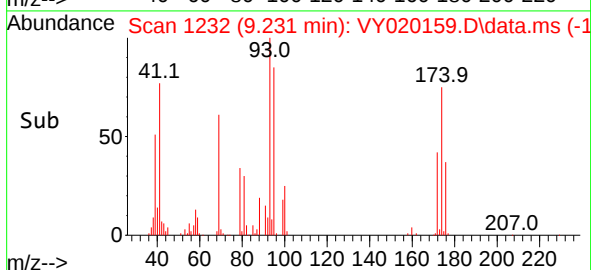
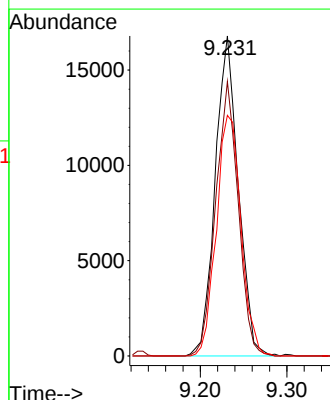
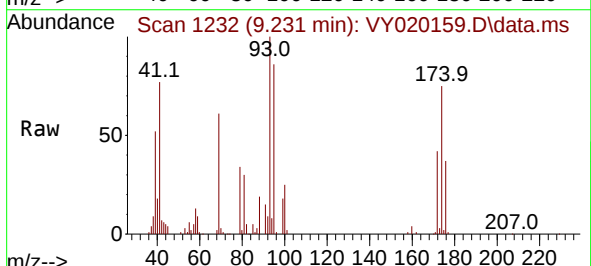
Tgt Ion: 93 Resp: 31143

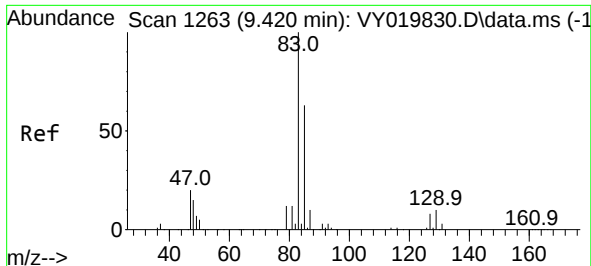
Ion Ratio Lower Upper

93 100

95 83.6 66.2 99.4

174 80.2 80.9 121.3#

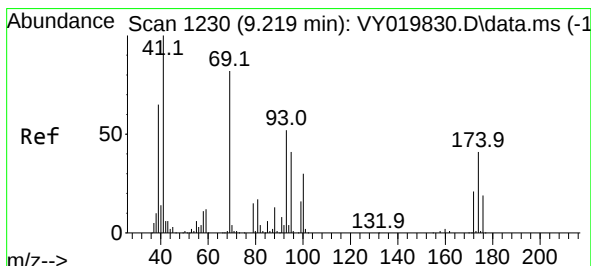
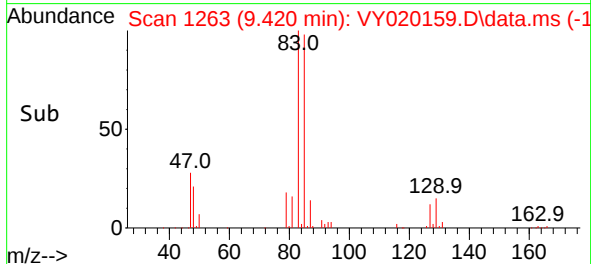
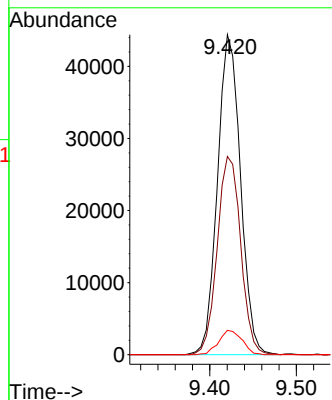
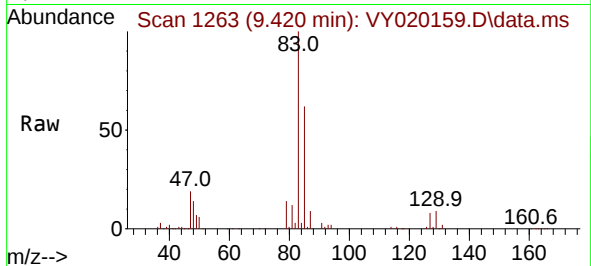




#47
Bromodichloromethane
Concen: 19.852 ug/l
RT: 9.420 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY020159.D
Acq: 05 Nov 2024 12:10

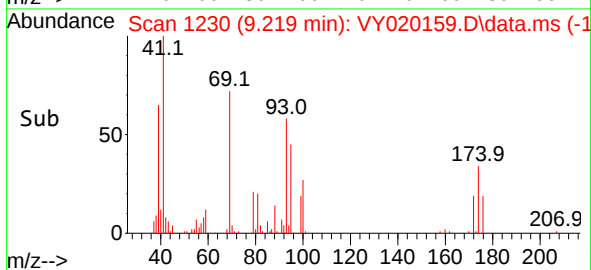
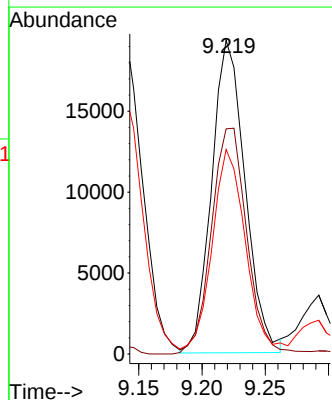
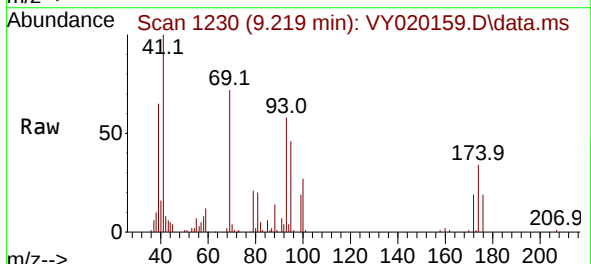
Instrument :
MSVOA_Y
ClientSampleId :

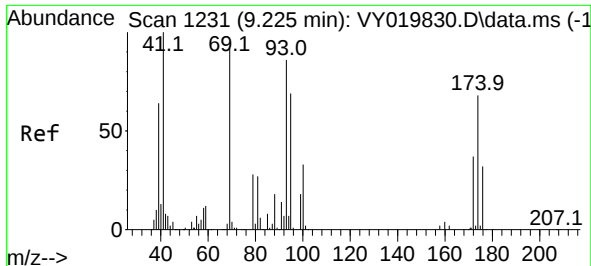
Tgt Ion: 83 Resp: 81955
Ion Ratio Lower Upper
83 100
85 61.9 50.1 75.1
127 7.6 7.4 11.0



#48
Methyl methacrylate
Concen: 20.104 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY020159.D
Acq: 05 Nov 2024 12:10

Tgt Ion: 41 Resp: 35555
Ion Ratio Lower Upper
41 100
69 76.5 84.1 126.1#
39 62.3 43.6 65.4





#49

1,4-Dioxane

Concen: 461.782 ug/l

RT: 9.225 min Scan# 1

Delta R.T. -0.006 min

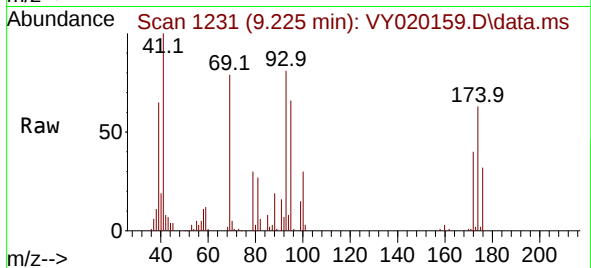
Lab File: VY020159.D

Acq: 05 Nov 2024 12:10

Instrument :

MSVOA_Y

ClientSampleId :



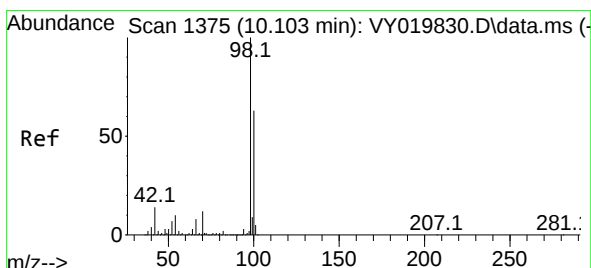
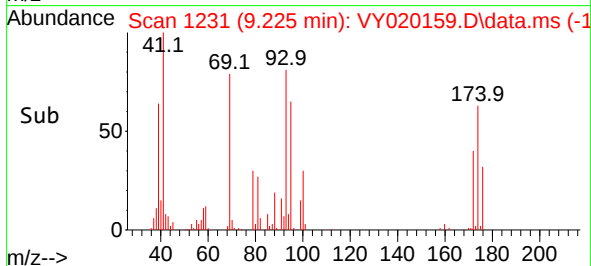
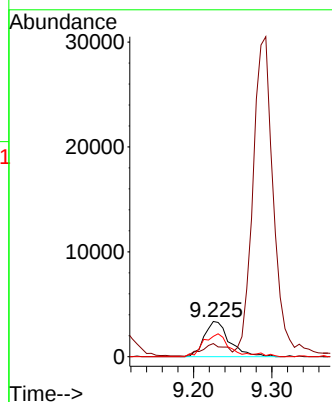
Tgt Ion: 88 Resp: 7492

Ion Ratio Lower Upper

88 100

43 32.6 0.0 0.0#

58 64.9 49.3 73.9



#50

Toluene-d8

Concen: 44.815 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY020159.D

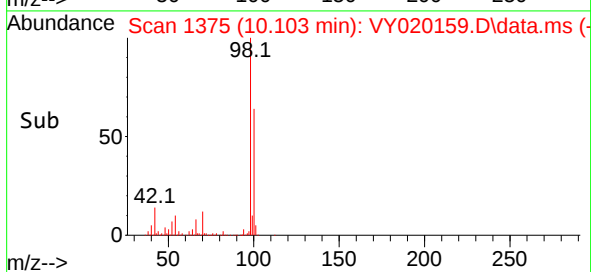
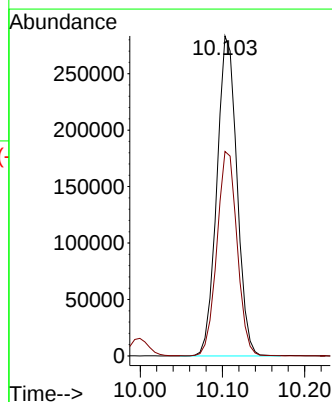
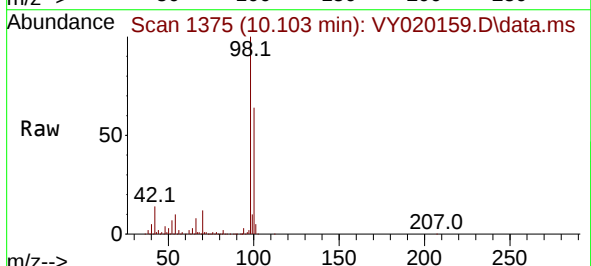
Acq: 05 Nov 2024 12:10

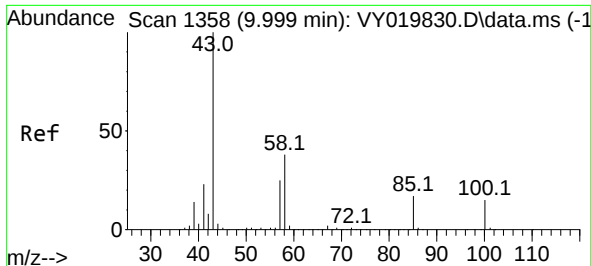
Tgt Ion: 98 Resp: 480918

Ion Ratio Lower Upper

98 100

100 64.4 52.0 78.0

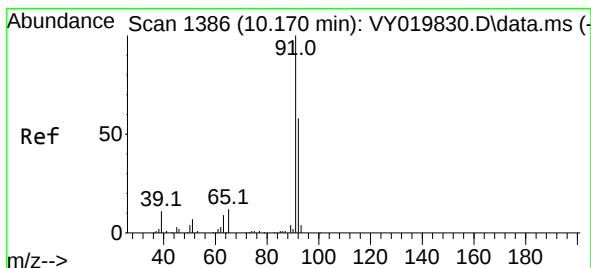
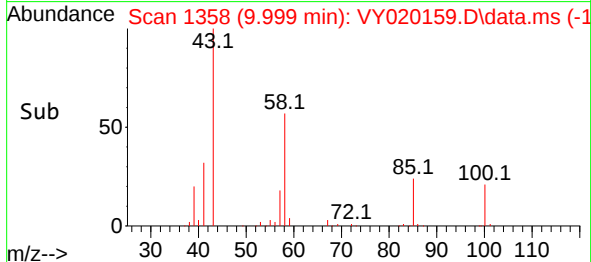
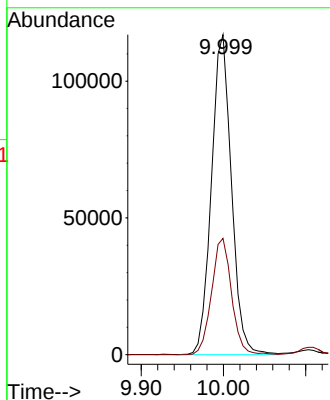
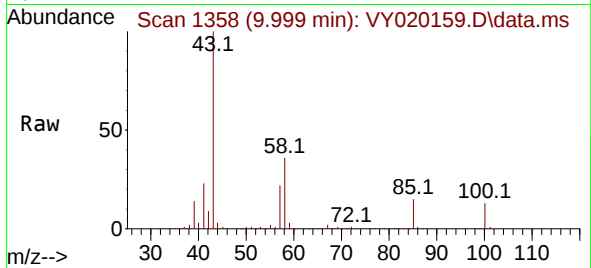




#51
4-Methyl-2-Pentanone
Concen: 100.670 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY020159.D
Acq: 05 Nov 2024 12:10

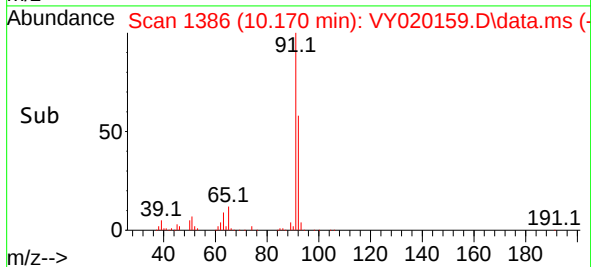
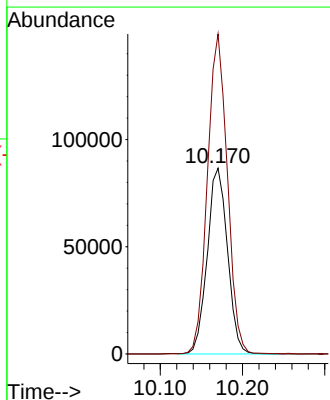
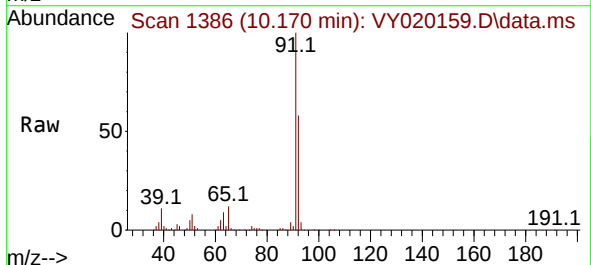
Instrument :
MSVOA_Y
ClientSampleId :

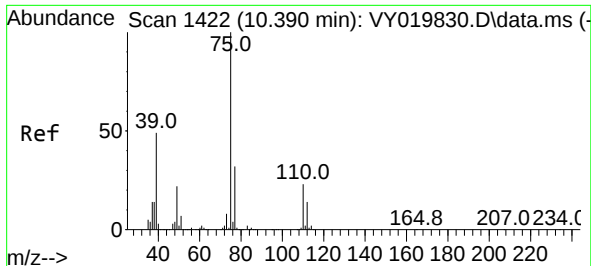
Tgt Ion: 43 Resp: 198054
Ion Ratio Lower Upper
43 100
58 36.3 35.7 53.5



#52
Toluene
Concen: 19.778 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY020159.D
Acq: 05 Nov 2024 12:10

Tgt Ion: 92 Resp: 148195
Ion Ratio Lower Upper
92 100
91 169.6 139.0 208.6





#53

t-1,3-Dichloropropene

Concen: 18.489 ug/l

RT: 10.396 min Scan# 1422

Delta R.T. 0.000 min

Lab File: VY020159.D

Acq: 05 Nov 2024 12:10

Instrument :

MSVOA_Y

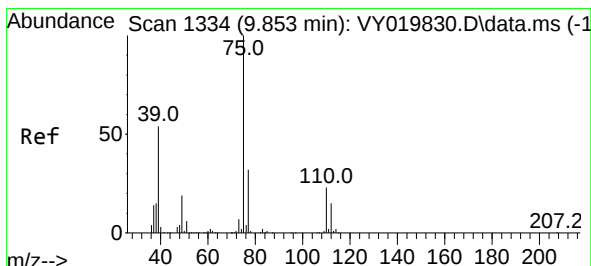
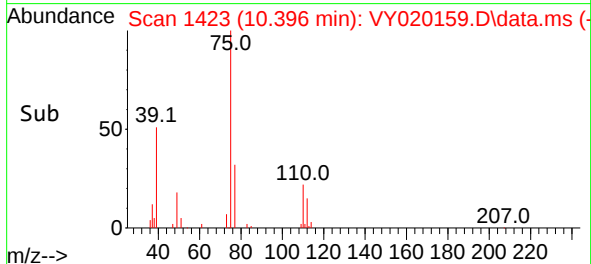
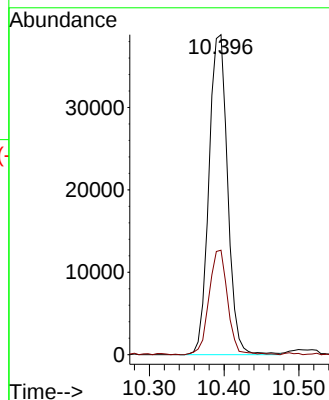
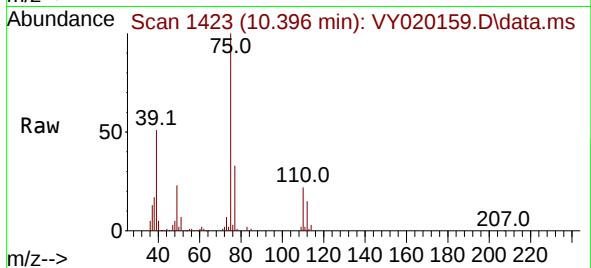
ClientSampleId :

Tgt Ion: 75 Resp: 67400

Ion Ratio Lower Upper

75 100

77 32.7 24.1 36.1



#54

cis-1,3-Dichloropropene

Concen: 19.362 ug/l

RT: 9.853 min Scan# 1334

Delta R.T. -0.006 min

Lab File: VY020159.D

Acq: 05 Nov 2024 12:10

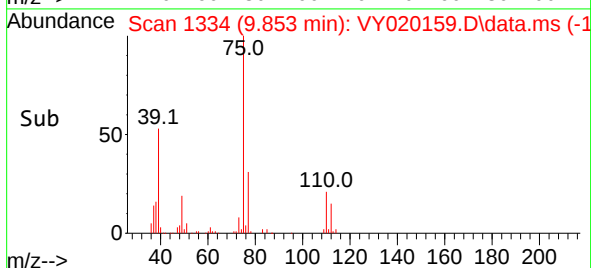
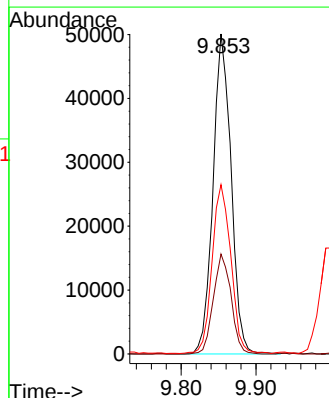
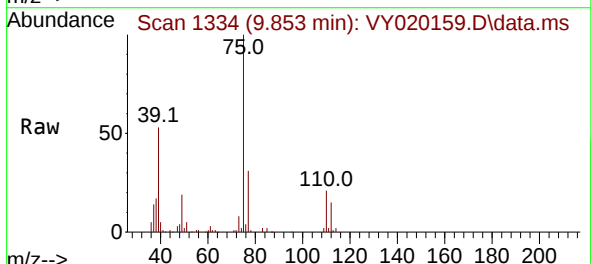
Tgt Ion: 75 Resp: 84246

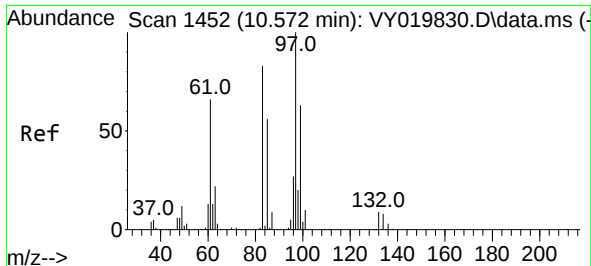
Ion Ratio Lower Upper

75 100

77 31.2 25.4 38.0

39 52.7 29.8 44.6#

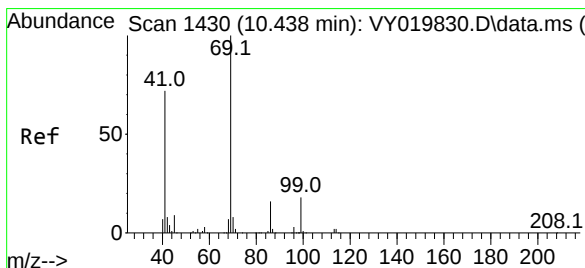
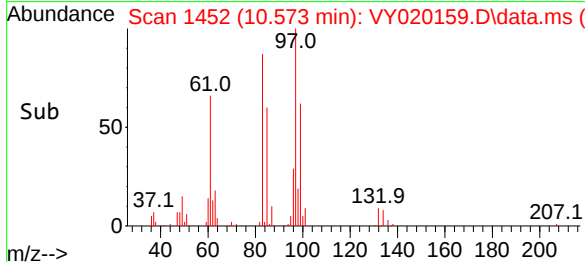
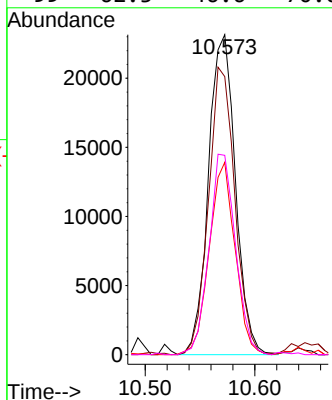
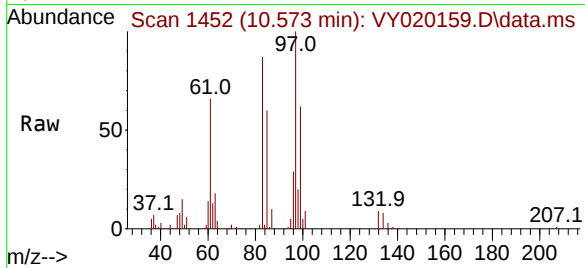




#55
1,1,2-Trichloroethane
Concen: 20.222 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY020159.D
Acq: 05 Nov 2024 12:10

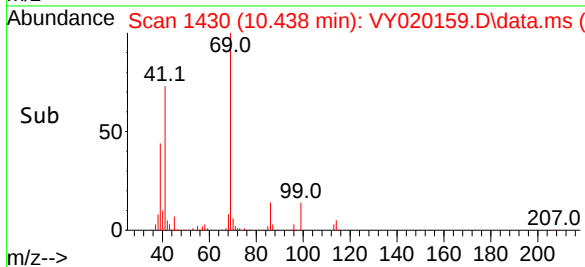
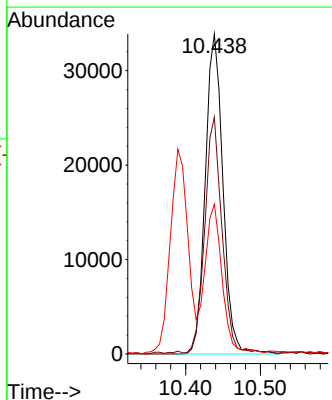
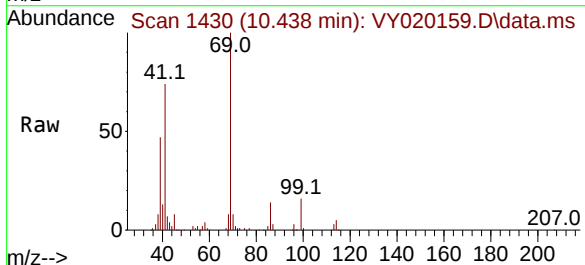
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:	97	Resp:	39622
Ion	Ratio	Lower	Upper
97	100		
83	86.9	67.5	101.3
85	59.9	42.9	64.3
99	62.3	46.6	70.0



#56
Ethyl methacrylate
Concen: 19.766 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY020159.D
Acq: 05 Nov 2024 12:10

Tgt Ion:	69	Resp:	55554
Ion	Ratio	Lower	Upper
69	100		
41	73.7	42.3	63.5#
39	44.9	22.9	34.3#





#57

1,3-Dichloropropane

Concen: 19.889 ug/l

RT: 10.713 min Scan# 1475

Delta R.T. -0.006 min

Lab File: VY020159.D

Acq: 05 Nov 2024 12:10

Instrument :

MSVOA_Y

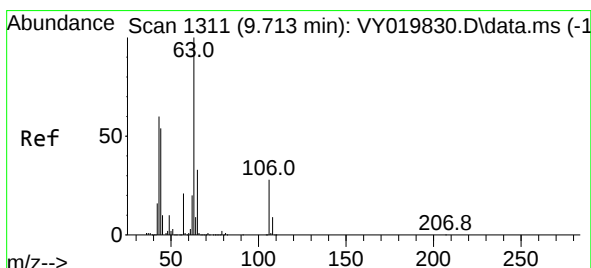
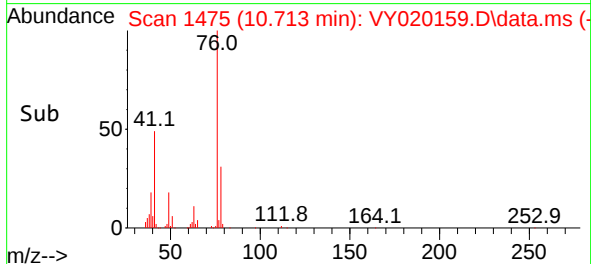
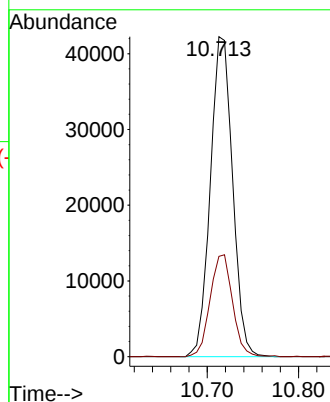
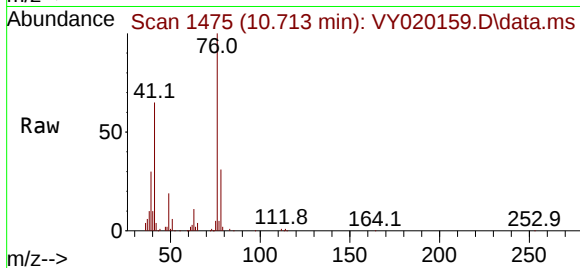
ClientSampleId :

Tgt Ion: 76 Resp: 71364

Ion Ratio Lower Upper

76 100

78 32.2 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 103.631 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. -0.006 min

Lab File: VY020159.D

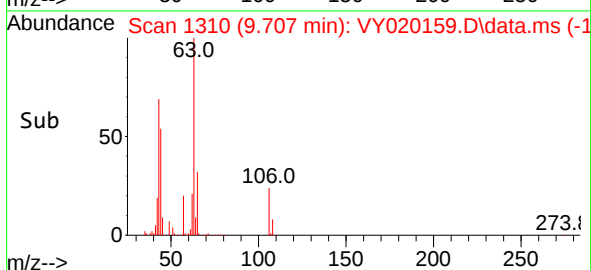
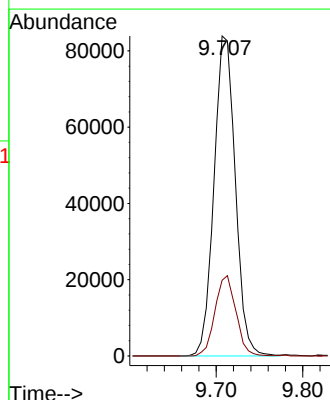
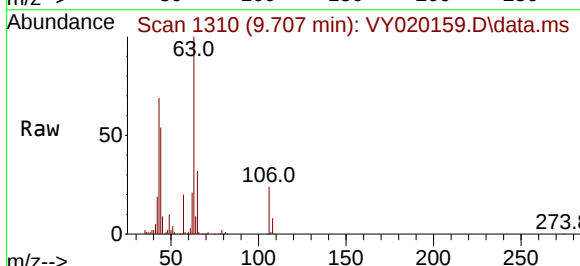
Acq: 05 Nov 2024 12:10

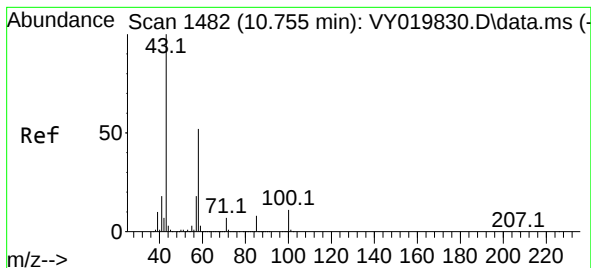
Tgt Ion: 63 Resp: 143642

Ion Ratio Lower Upper

63 100

106 24.6 23.7 35.5

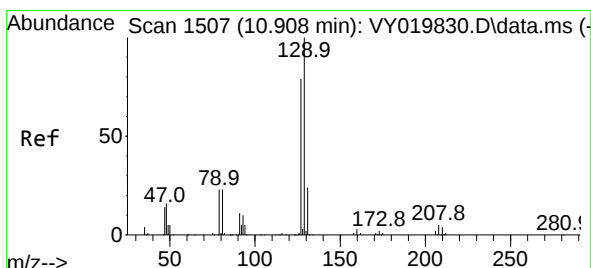
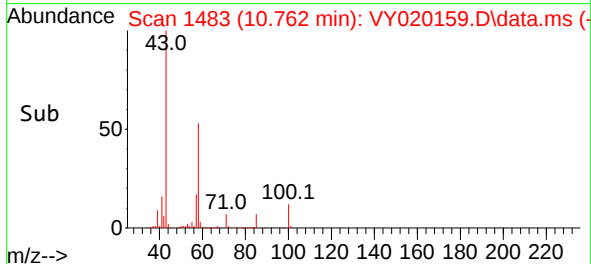
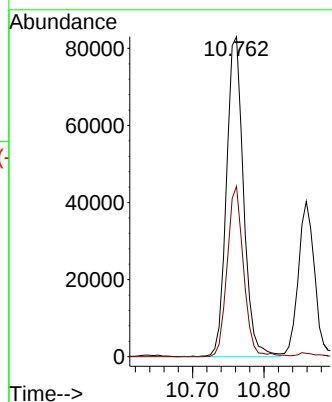
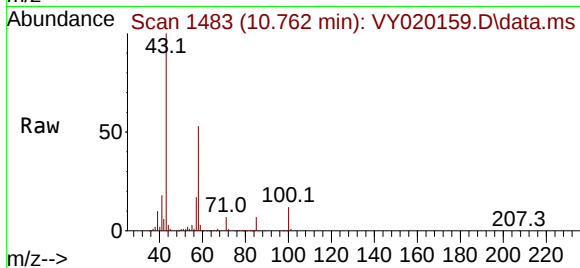




#59
2-Hexanone
Concen: 97.557 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY020159.D
Acq: 05 Nov 2024 12:10

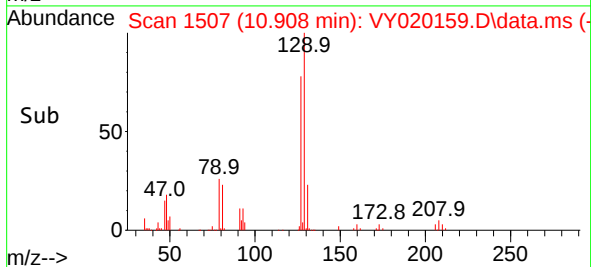
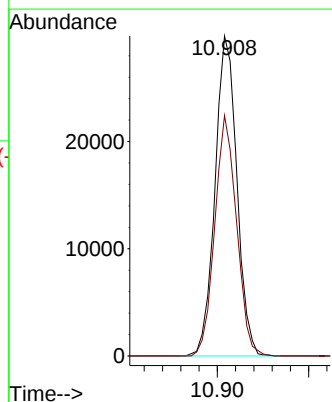
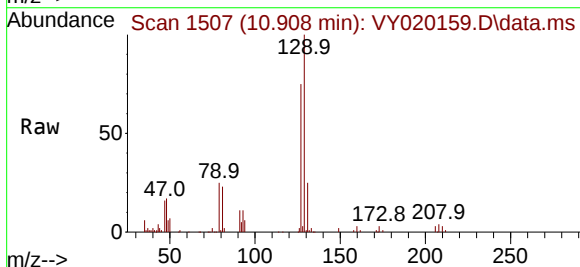
Instrument :
MSVOA_Y
ClientSampleId :

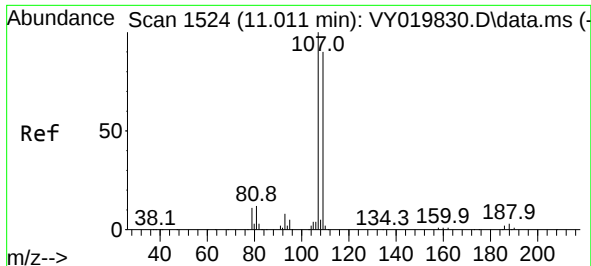
Tgt Ion: 43 Resp: 137599
Ion Ratio Lower Upper
43 100
58 51.1 31.4 94.0



#60
Dibromochloromethane
Concen: 19.827 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.006 min
Lab File: VY020159.D
Acq: 05 Nov 2024 12:10

Tgt Ion: 129 Resp: 49519
Ion Ratio Lower Upper
129 100
127 74.9 39.0 117.0

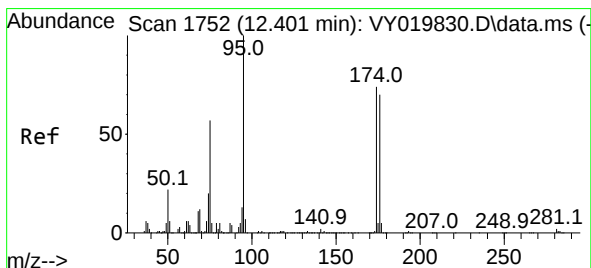
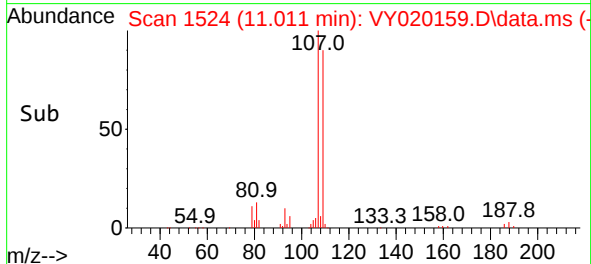
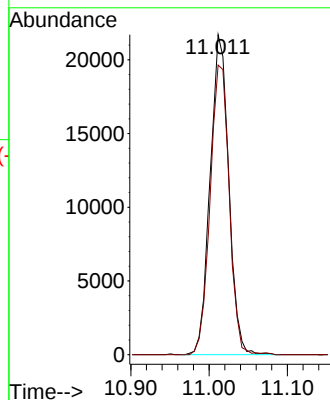
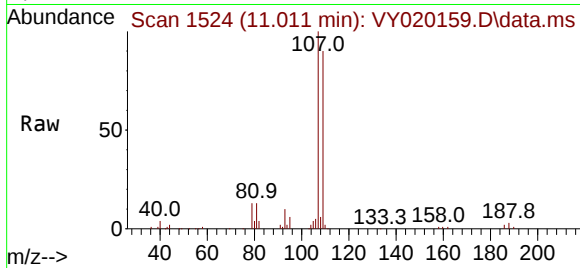




#61
1,2-Dibromoethane
Concen: 19.707 ug/l
RT: 11.011 min Scan# 1524
Delta R.T. -0.006 min
Lab File: VY020159.D
Acq: 05 Nov 2024 12:10

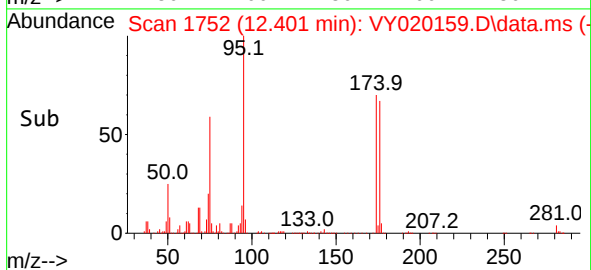
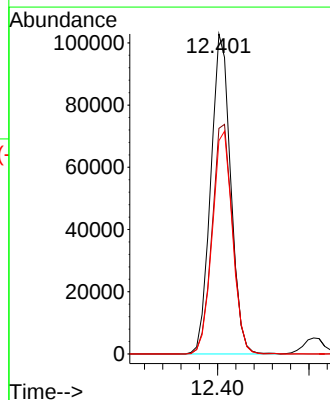
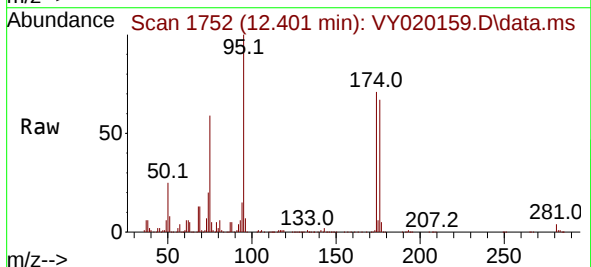
Instrument :
MSVOA_Y
ClientSampleId :

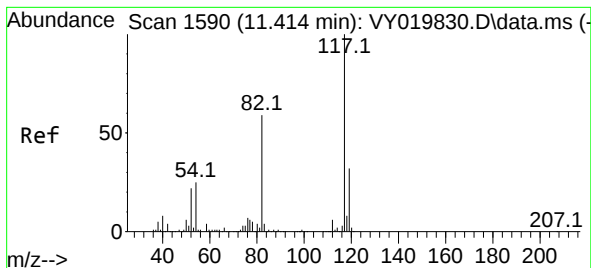
Tgt Ion:107 Resp: 35874
Ion Ratio Lower Upper
107 100
109 92.6 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 44.519 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY020159.D
Acq: 05 Nov 2024 12:10

Tgt Ion: 95 Resp: 155174
Ion Ratio Lower Upper
95 100
174 74.1 0.0 175.6
176 70.8 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

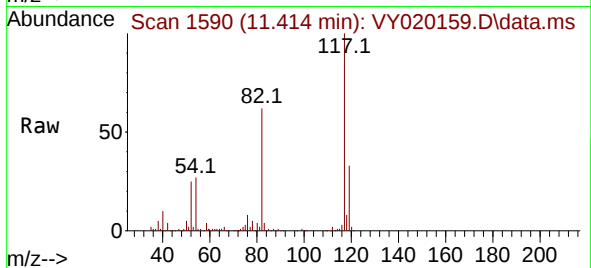
Lab File: VY020159.D

Acq: 05 Nov 2024 12:10

Instrument :

MSVOA_Y

ClientSampleId :



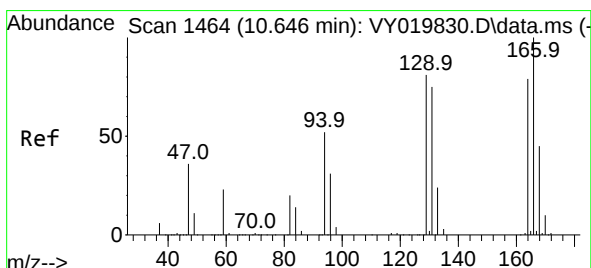
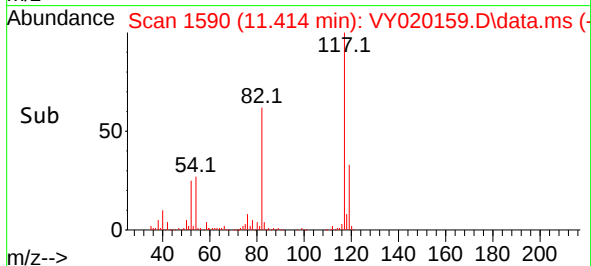
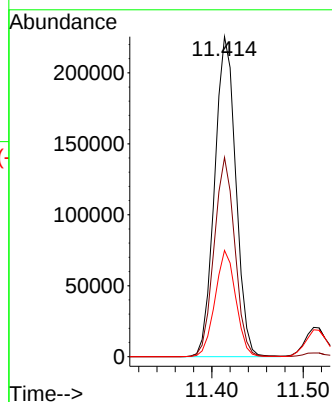
Tgt Ion:117 Resp: 363388

Ion Ratio Lower Upper

117 100

82 62.2 42.4 63.6

119 33.2 25.9 38.9



#64

Tetrachloroethene

Concen: 19.530 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VY020159.D

Acq: 05 Nov 2024 12:10

Tgt Ion:164 Resp: 46858

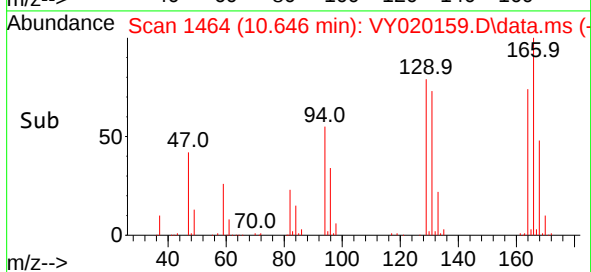
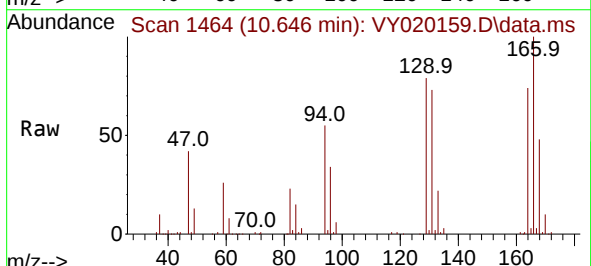
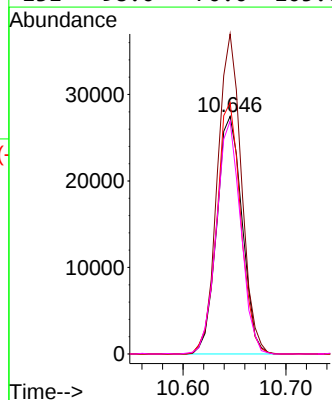
Ion Ratio Lower Upper

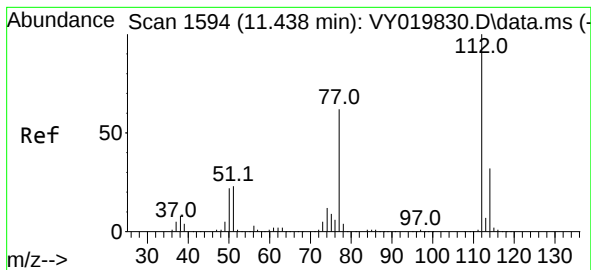
164 100

166 134.7 102.6 154.0

129 105.8 72.0 108.0

131 98.0 70.0 105.0

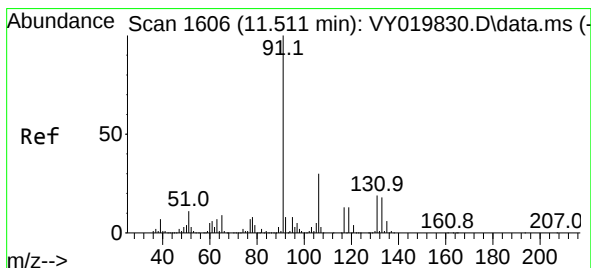
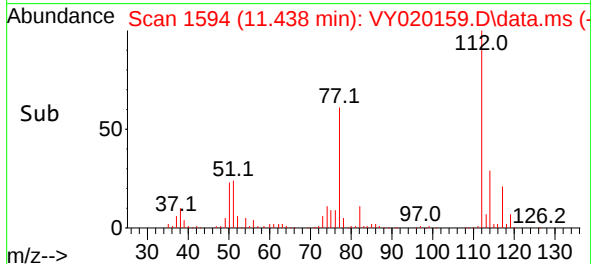
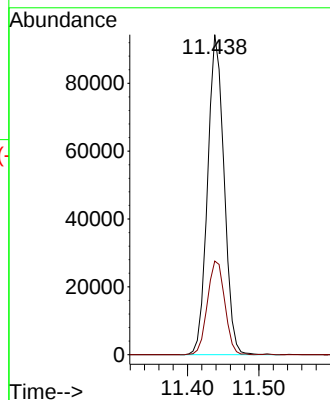
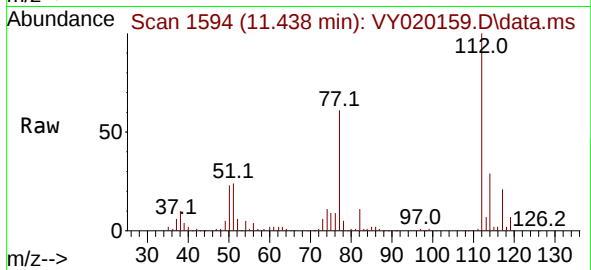




#65
Chlorobenzene
Concen: 19.472 ug/l
RT: 11.438 min Scan# 111
Delta R.T. -0.006 min
Lab File: VY020159.D
Acq: 05 Nov 2024 12:10

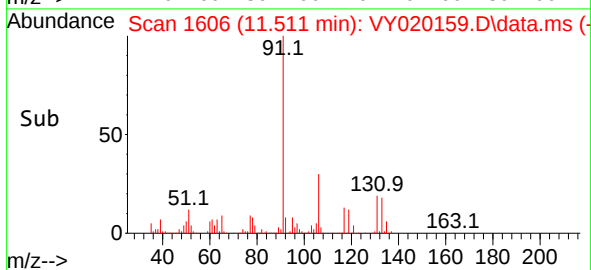
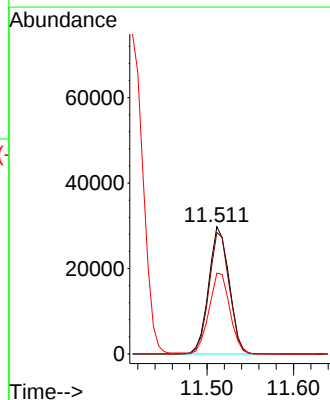
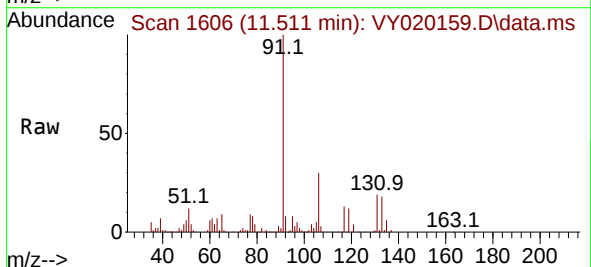
Instrument :
MSVOA_Y
ClientSampleId :

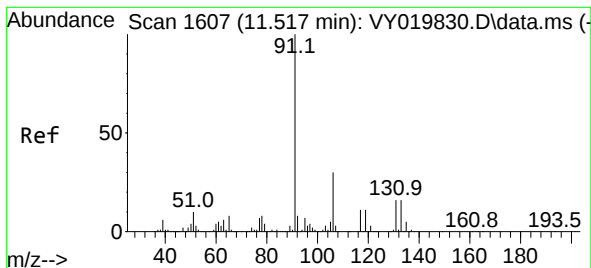
Tgt Ion:112 Resp: 150772
Ion Ratio Lower Upper
112 100
114 29.3 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 19.677 ug/l
RT: 11.511 min Scan# 1606
Delta R.T. -0.006 min
Lab File: VY020159.D
Acq: 05 Nov 2024 12:10

Tgt Ion:131 Resp: 48678
Ion Ratio Lower Upper
131 100
133 95.6 47.8 143.3
119 65.2 34.1 102.2





#67

Ethyl Benzene

Concen: 19.220 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. -0.006 min

Lab File: VY020159.D

Acq: 05 Nov 2024 12:10

Instrument :

MSVOA_Y

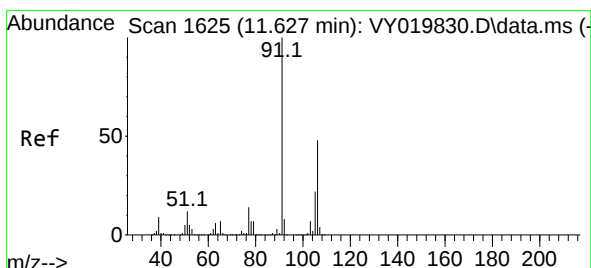
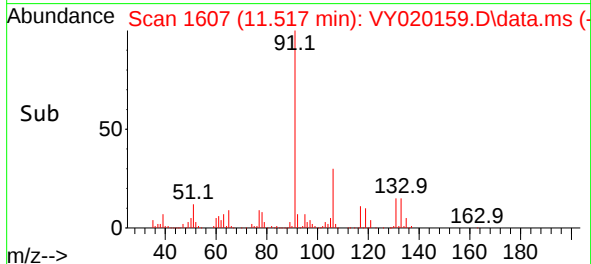
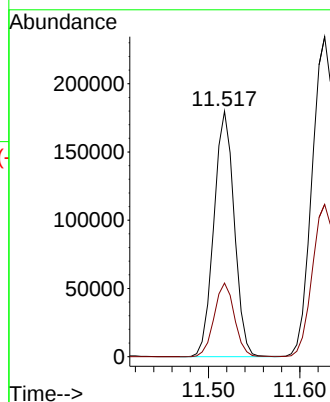
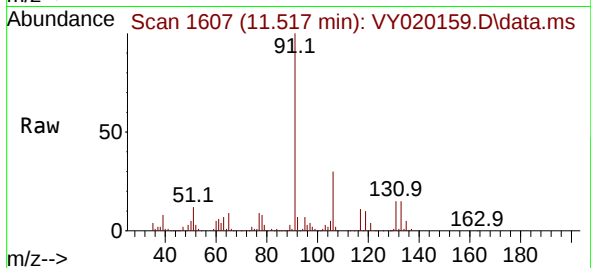
ClientSampleId :

Tgt Ion: 91 Resp: 278187

Ion Ratio Lower Upper

91 100

106 30.0 24.5 36.7



#68

m/p-Xylenes

Concen: 38.132 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY020159.D

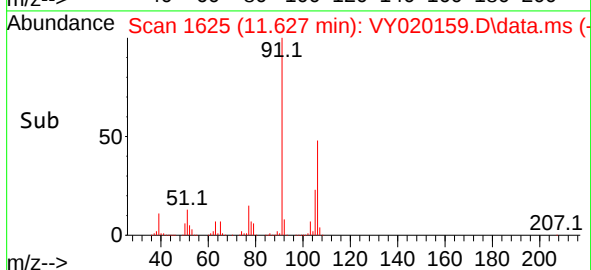
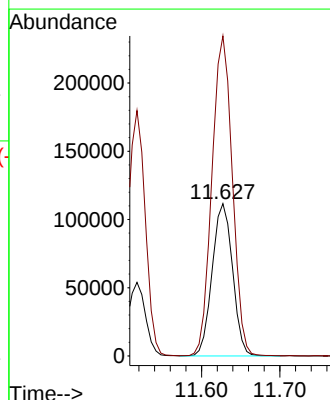
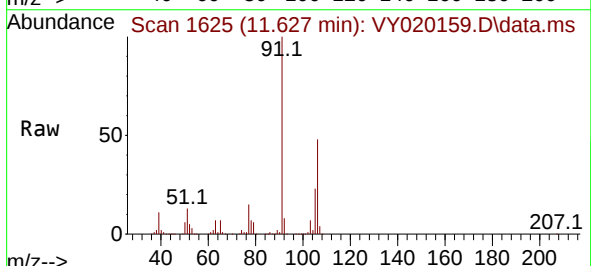
Acq: 05 Nov 2024 12:10

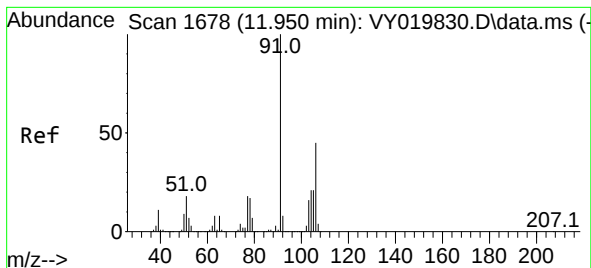
Tgt Ion:106 Resp: 201928

Ion Ratio Lower Upper

106 100

91 210.6 156.0 234.0





#69

o-Xylene

Concen: 19.153 ug/l

RT: 11.950 min Scan# 1678

Delta R.T. -0.006 min

Lab File: VY020159.D

Acq: 05 Nov 2024 12:10

Instrument :

MSVOA_Y

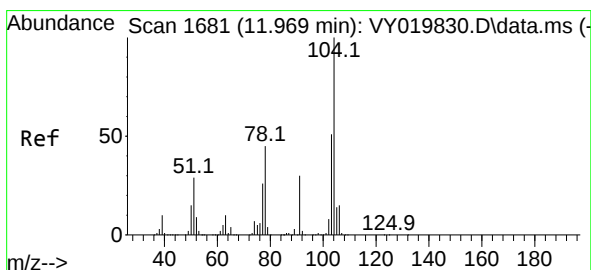
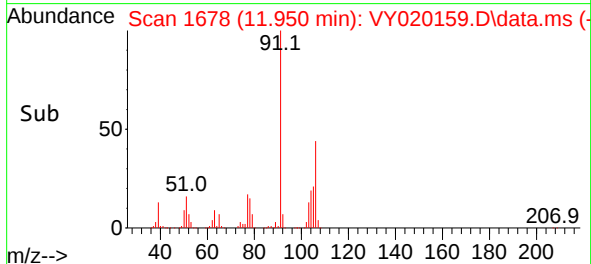
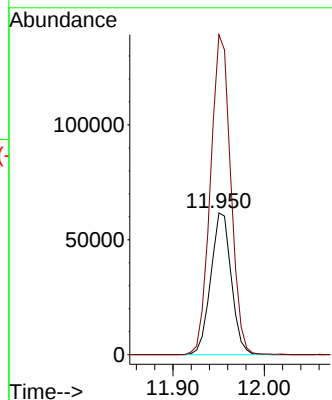
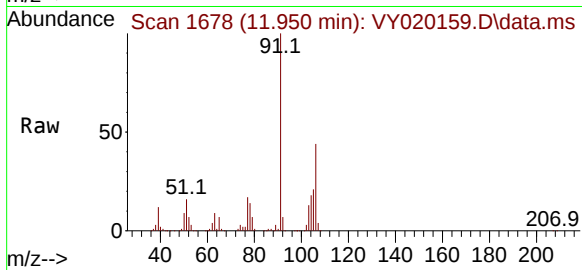
ClientSampleId :

Tgt Ion:106 Resp: 96024

Ion Ratio Lower Upper

106 100

91 223.6 103.6 310.8



#70

Styrene

Concen: 19.609 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. 0.000 min

Lab File: VY020159.D

Acq: 05 Nov 2024 12:10

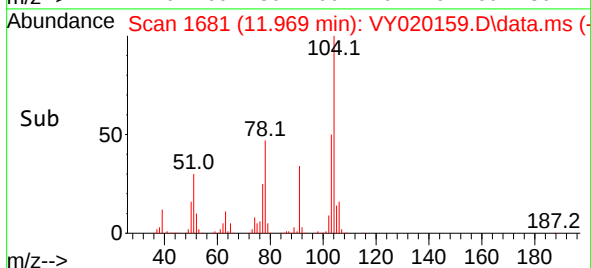
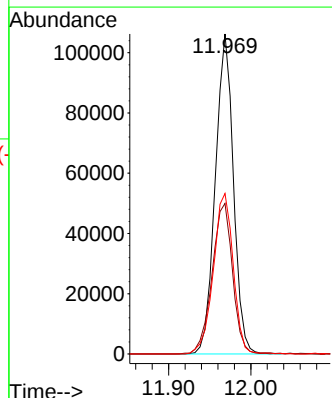
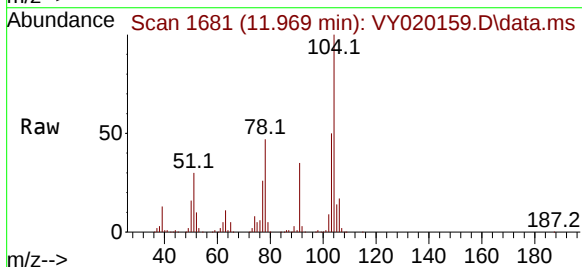
Tgt Ion:104 Resp: 162551

Ion Ratio Lower Upper

104 100

78 53.1 37.0 55.4

103 55.1 44.2 66.2





#71

Bromoform

Concen: 19.314 ug/l

RT: 12.127 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY020159.D

Acq: 05 Nov 2024 12:10

Instrument :

MSVOA_Y

ClientSampleId :

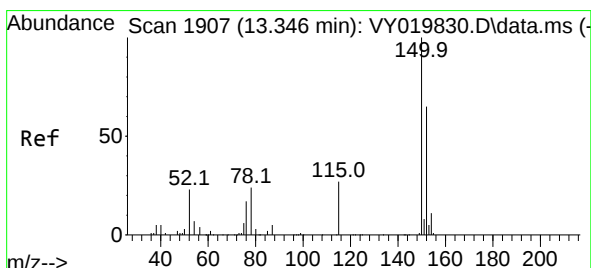
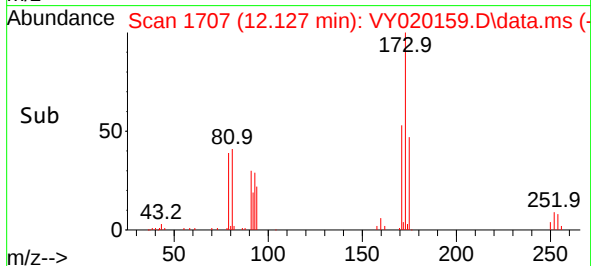
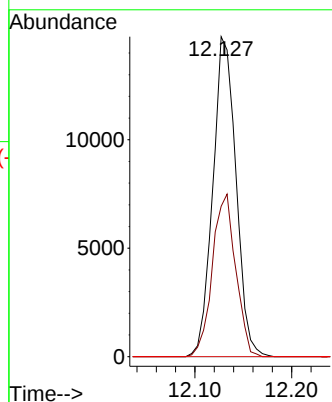
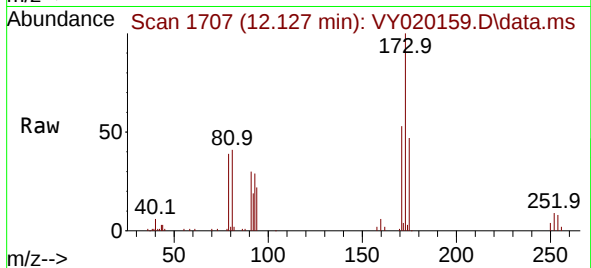
Tgt Ion:173 Resp: 24511

Ion Ratio Lower Upper

173 100

175 51.1 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: VY020159.D

Acq: 05 Nov 2024 12:10

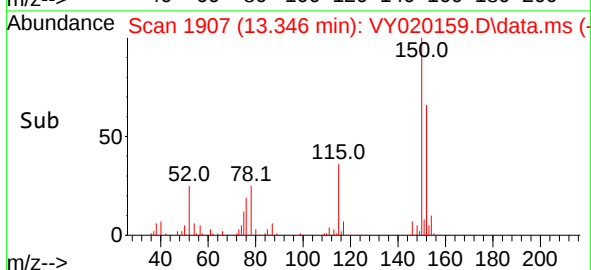
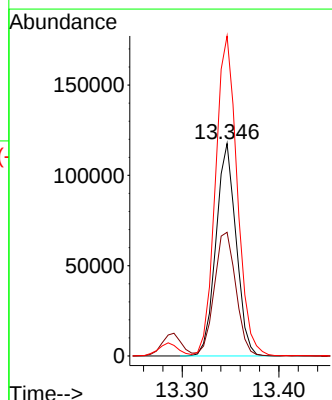
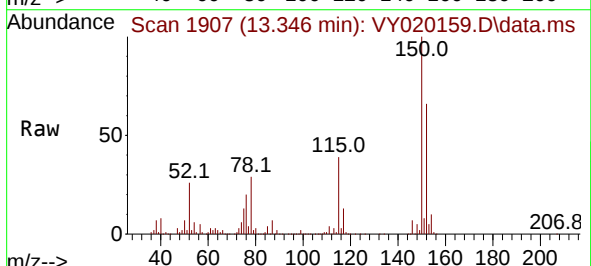
Tgt Ion:152 Resp: 169899

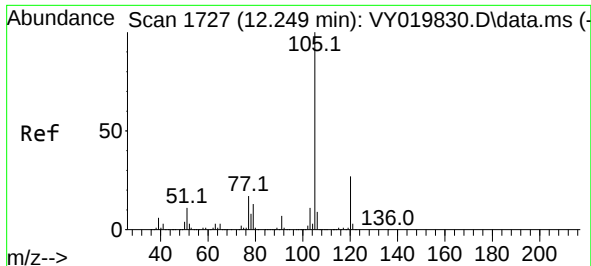
Ion Ratio Lower Upper

152 100

115 62.8 28.2 84.7

150 162.7 0.0 345.6

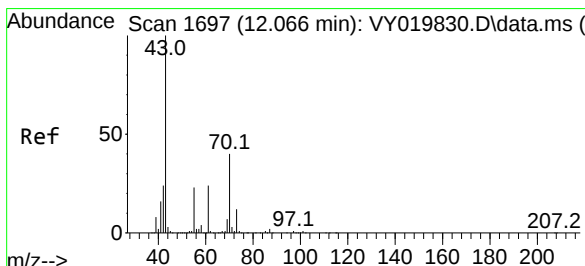
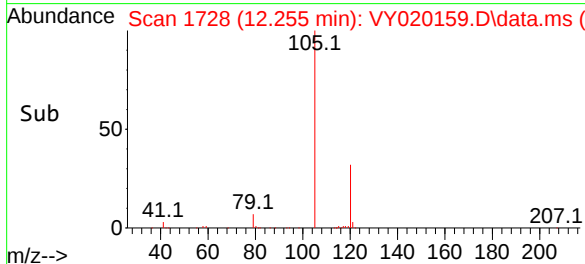
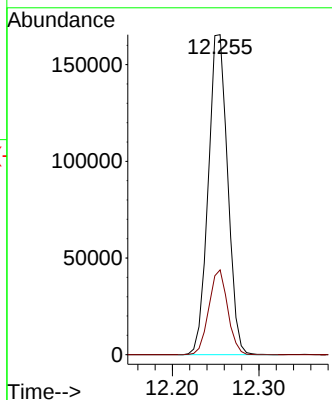
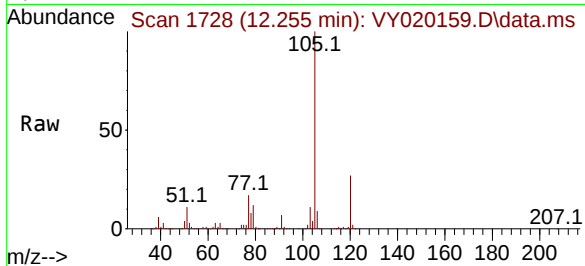




#73
Isopropylbenzene
Concen: 18.965 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. 0.000 min
Lab File: VY020159.D
Acq: 05 Nov 2024 12:10

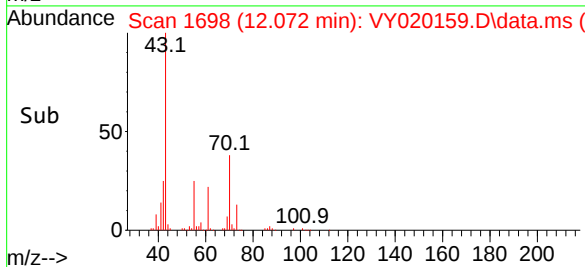
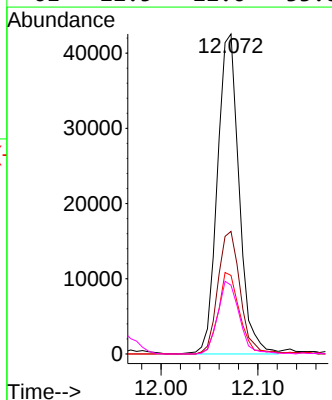
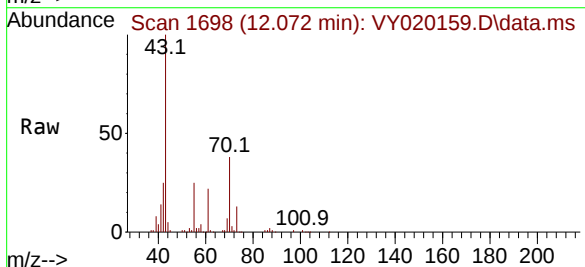
Instrument :
MSVOA_Y
ClientSampleId :

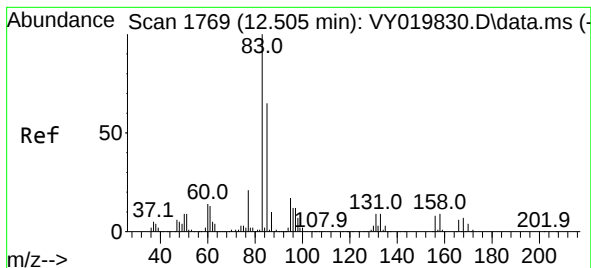
Tgt Ion:105 Resp: 257403
Ion Ratio Lower Upper
105 100
120 25.7 13.4 40.1



#74
N-ethyl acetate
Concen: 19.563 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY020159.D
Acq: 05 Nov 2024 12:10

Tgt Ion: 43 Resp: 66373
Ion Ratio Lower Upper
43 100
70 39.4 41.4 62.2#
55 25.1 23.3 34.9
61 22.5 22.6 33.8#





#75

1,1,2,2-Tetrachloroethane

Concen: 19.541 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. -0.006 min

Lab File: VY020159.D

Acq: 05 Nov 2024 12:10

Instrument :

MSVOA_Y

ClientSampleId :

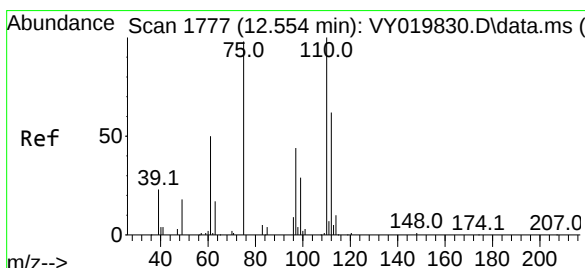
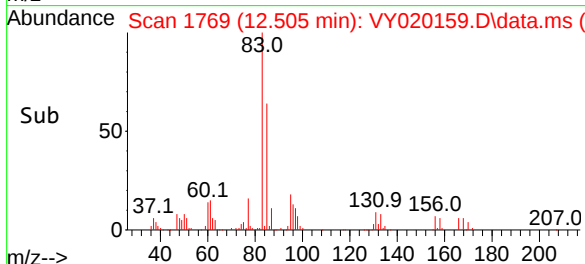
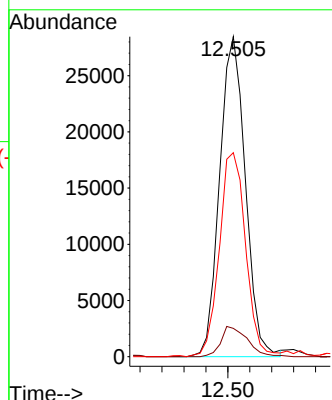
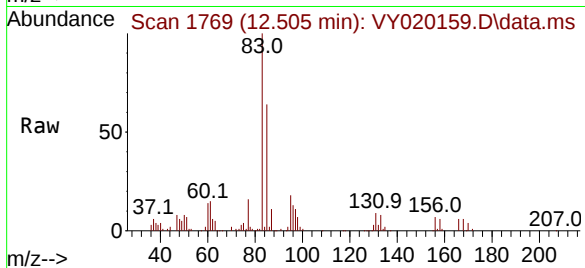
Tgt Ion: 83 Resp: 46384

Ion Ratio Lower Upper

83 100

131 9.8 5.0 14.9

85 65.3 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 37.649 ug/l

RT: 12.554 min Scan# 1777

Delta R.T. -0.006 min

Lab File: VY020159.D

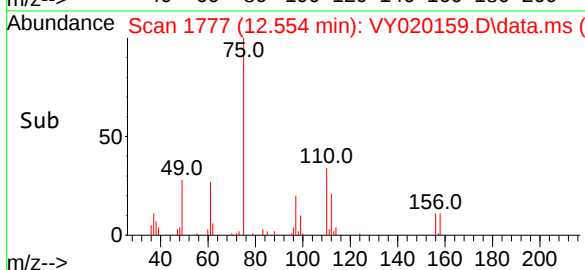
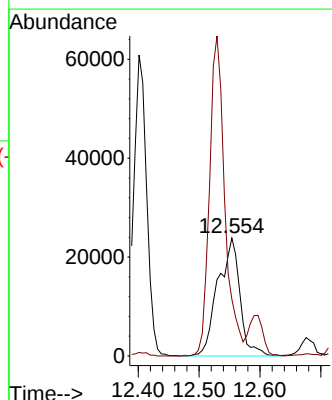
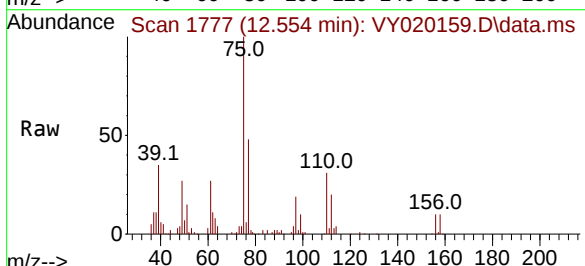
Acq: 05 Nov 2024 12:10

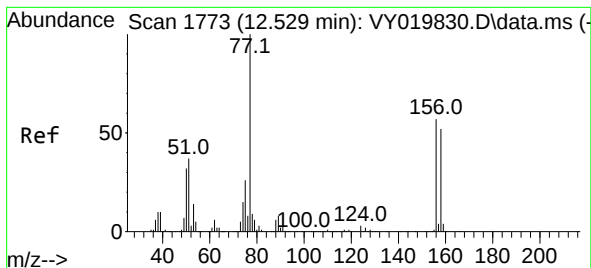
Tgt Ion: 75 Resp: 59961

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.480 ug/l

RT: 12.529 min Scan# 1773

Delta R.T. -0.006 min

Lab File: VY020159.D

Acq: 05 Nov 2024 12:10

Instrument :

MSVOA_Y

ClientSampleId :

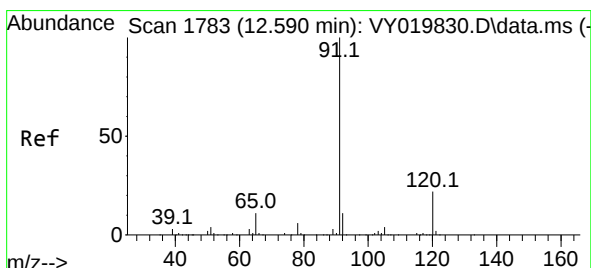
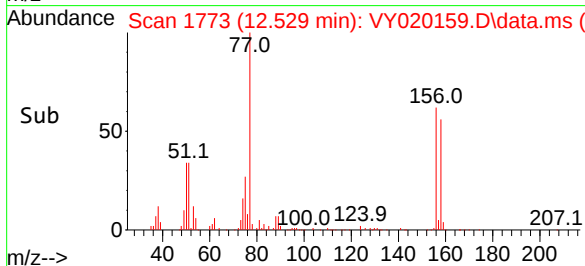
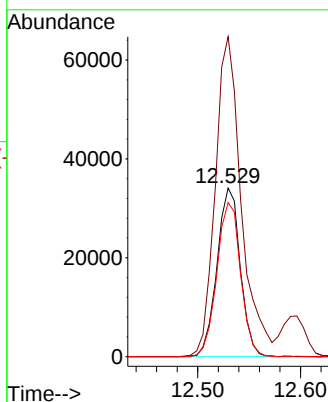
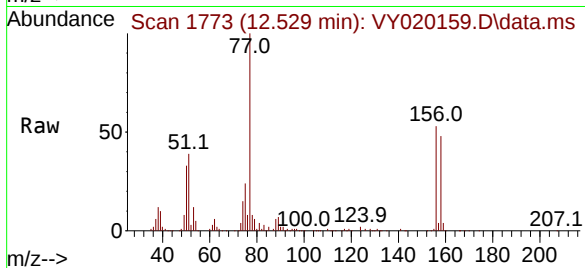
Tgt Ion:156 Resp: 53470

Ion Ratio Lower Upper

156 100

77 212.4 87.1 261.3

158 93.2 48.6 145.9



#78

n-propylbenzene

Concen: 18.999 ug/l

RT: 12.590 min Scan# 1783

Delta R.T. -0.006 min

Lab File: VY020159.D

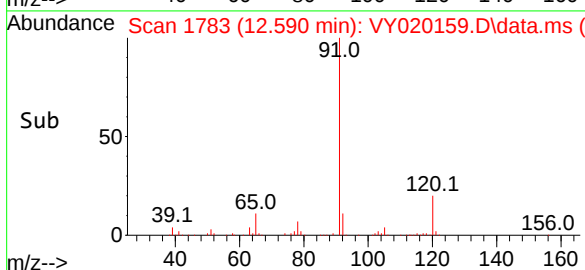
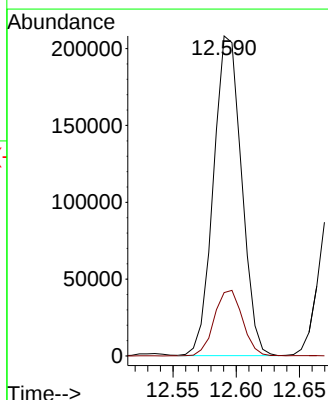
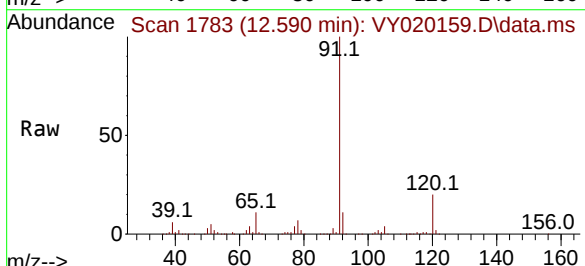
Acq: 05 Nov 2024 12:10

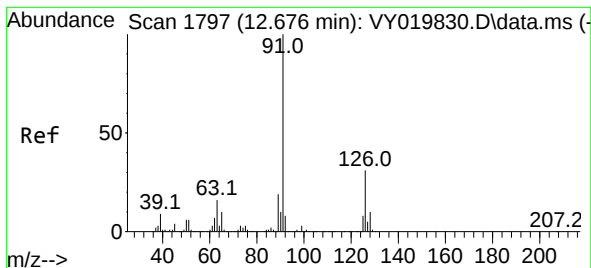
Tgt Ion: 91 Resp: 320923

Ion Ratio Lower Upper

91 100

120 20.7 11.5 34.4





#79

2-Chlorotoluene

Concen: 19.373 ug/l

RT: 12.676 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY020159.D

Acq: 05 Nov 2024 12:10

Instrument :

MSVOA_Y

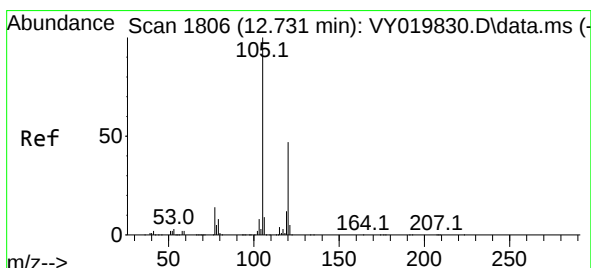
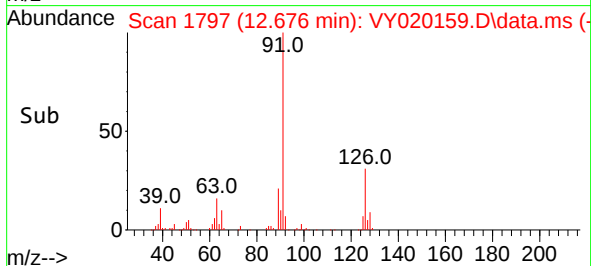
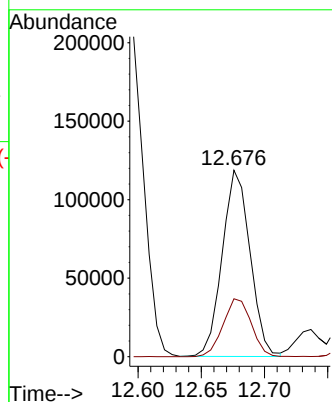
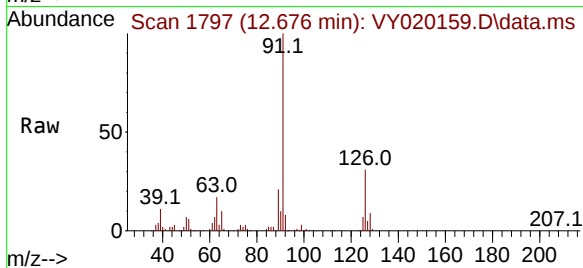
ClientSampleId :

Tgt Ion: 91 Resp: 181651

Ion Ratio Lower Upper

91 100

126 31.6 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 19.128 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VY020159.D

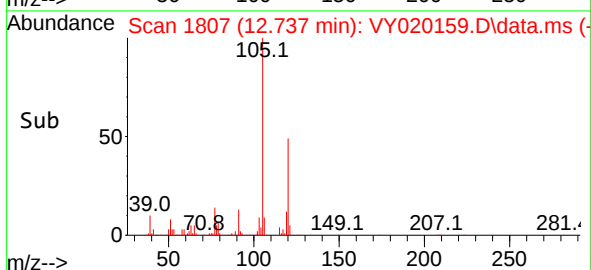
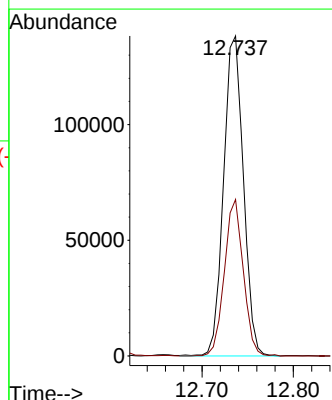
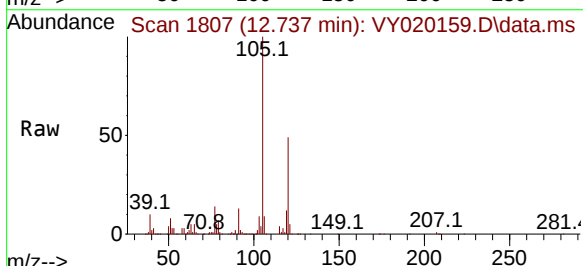
Acq: 05 Nov 2024 12:10

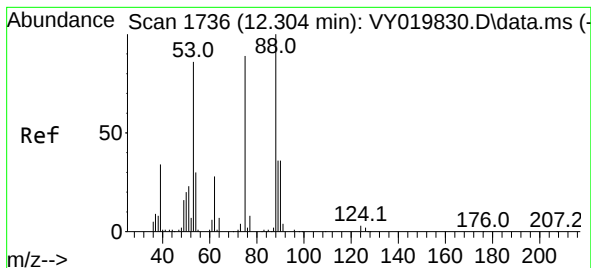
Tgt Ion:105 Resp: 208430

Ion Ratio Lower Upper

105 100

120 46.8 25.1 75.2

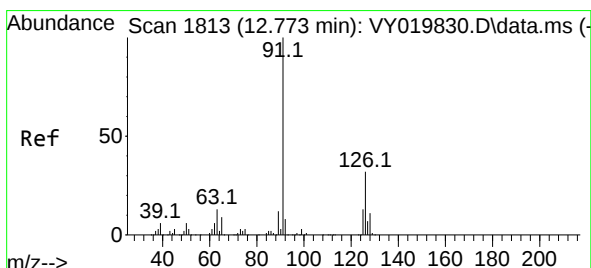
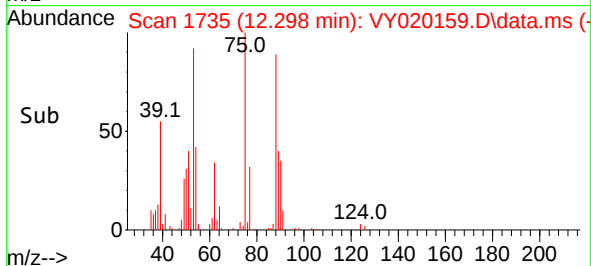
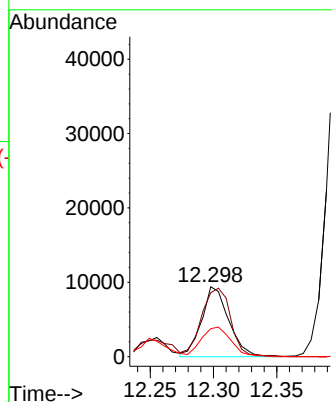
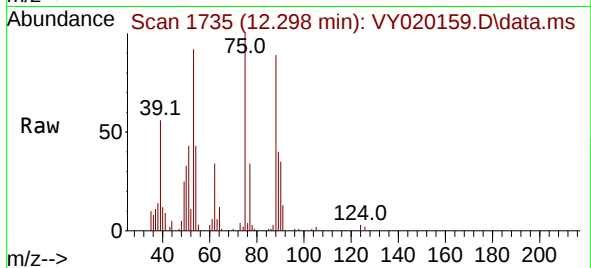




#81
trans-1,4-Dichloro-2-butene
Concen: 18.957 ug/l
RT: 12.298 min Scan# 1735
Delta R.T. -0.006 min
Lab File: VY020159.D
Acq: 05 Nov 2024 12:10

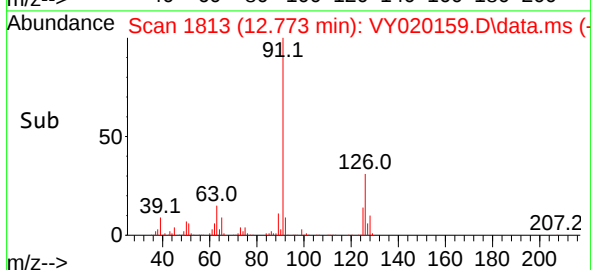
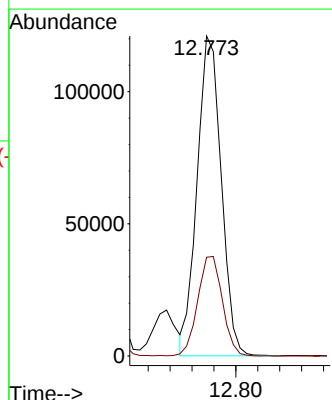
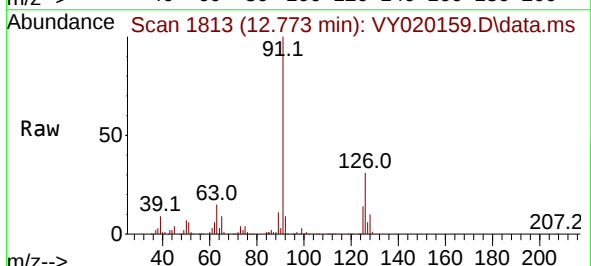
Instrument :
MSVOA_Y
ClientSampleId :

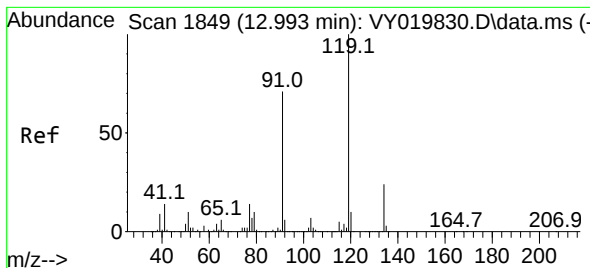
Tgt Ion: 75 Resp: 14036
Ion Ratio Lower Upper
75 100
53 105.4 66.8 100.2#
89 45.6 35.8 53.6



#82
4-Chlorotoluene
Concen: 19.351 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. -0.006 min
Lab File: VY020159.D
Acq: 05 Nov 2024 12:10

Tgt Ion: 91 Resp: 184994
Ion Ratio Lower Upper
91 100
126 31.8 17.6 52.9





#83

tert-Butylbenzene

Concen: 19.499 ug/l

RT: 12.993 min Scan# 119

Delta R.T. -0.006 min

Lab File: VY020159.D

Acq: 05 Nov 2024 12:10

Instrument :

MSVOA_Y

ClientSampleId :

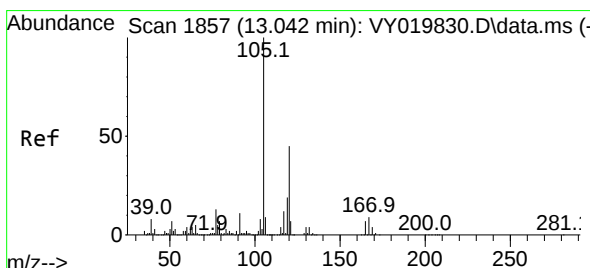
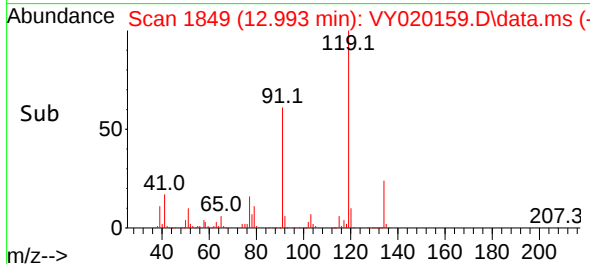
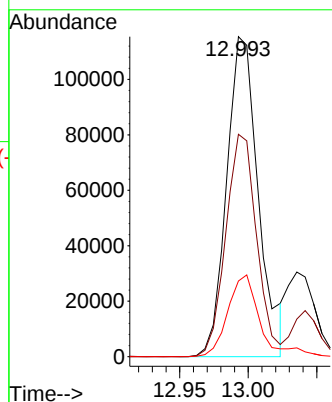
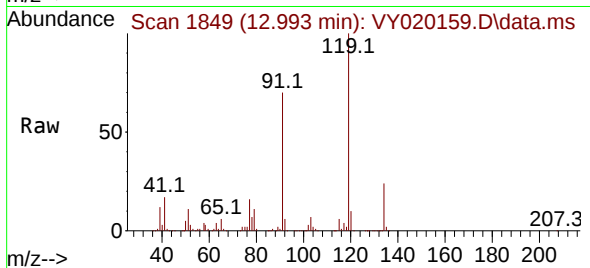
Tgt Ion:119 Resp: 185791

Ion Ratio Lower Upper

119 100

91 67.8 31.3 93.8

134 25.9 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 19.226 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. -0.006 min

Lab File: VY020159.D

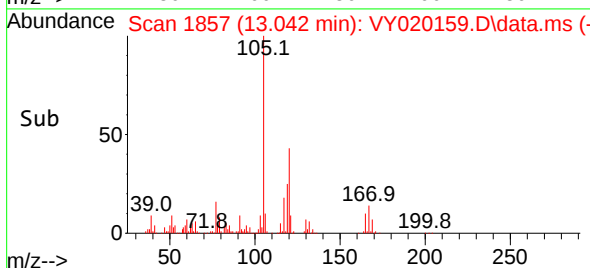
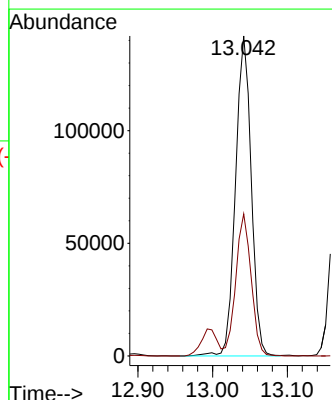
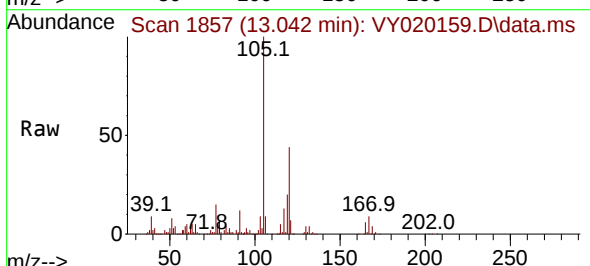
Acq: 05 Nov 2024 12:10

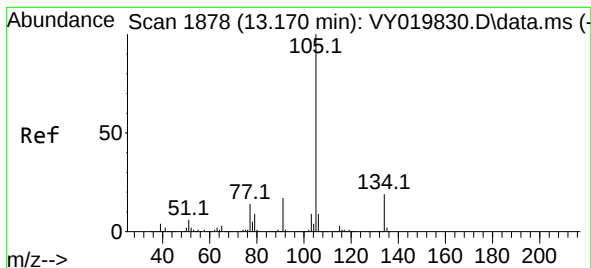
Tgt Ion:105 Resp: 207499

Ion Ratio Lower Upper

105 100

120 43.5 23.2 69.6





#85

sec-Butylbenzene

Concen: 19.127 ug/l

RT: 13.176 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VY020159.D

Acq: 05 Nov 2024 12:10

Instrument :

MSVOA_Y

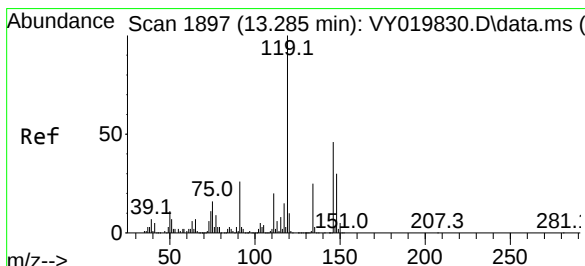
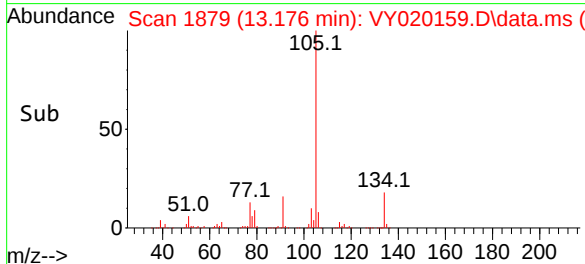
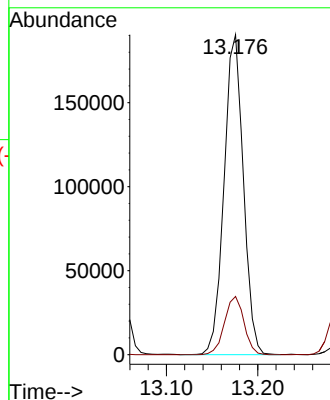
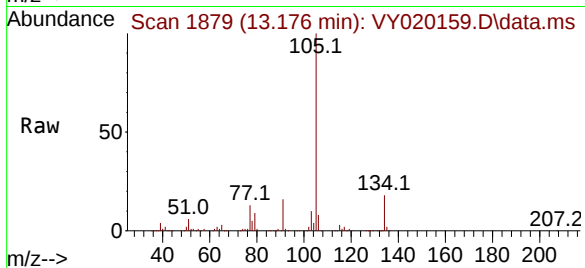
ClientSampleId :

Tgt Ion:105 Resp: 279770

Ion Ratio Lower Upper

105 100

134 18.3 10.1 30.1



#86

p-Isopropyltoluene

Concen: 18.754 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY020159.D

Acq: 05 Nov 2024 12:10

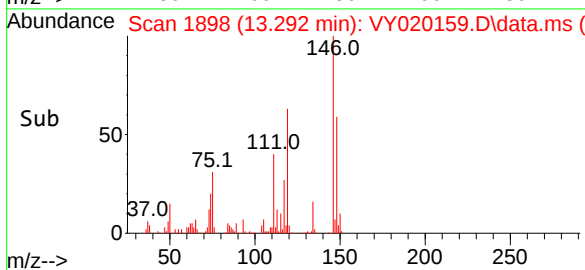
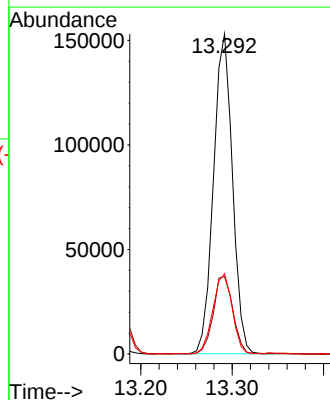
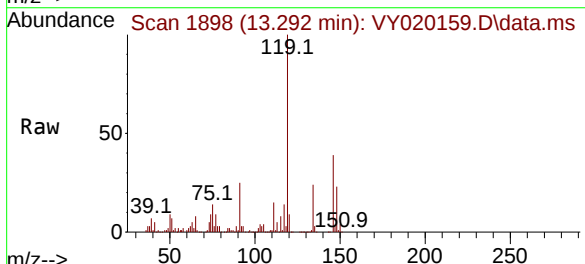
Tgt Ion:119 Resp: 220129

Ion Ratio Lower Upper

119 100

134 25.2 13.1 39.3

91 25.4 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 19.351 ug/l

RT: 13.285 min Scan# 1897

Delta R.T. -0.006 min

Lab File: VY020159.D

Acq: 05 Nov 2024 12:10

Instrument :

MSVOA_Y

ClientSampleId :

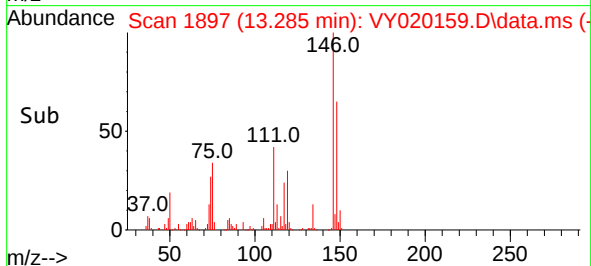
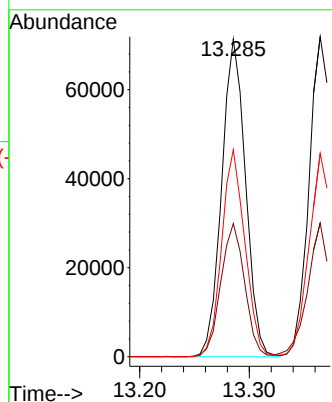
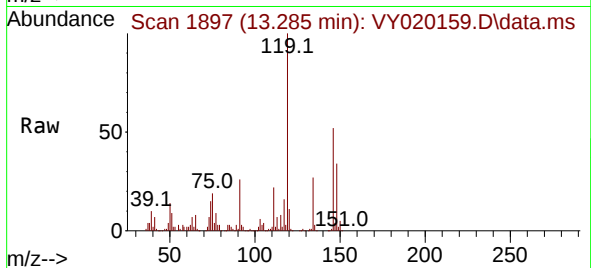
Tgt Ion:146 Resp: 107907

Ion Ratio Lower Upper

146 100

111 41.7 19.0 57.0

148 63.5 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 19.335 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.006 min

Lab File: VY020159.D

Acq: 05 Nov 2024 12:10

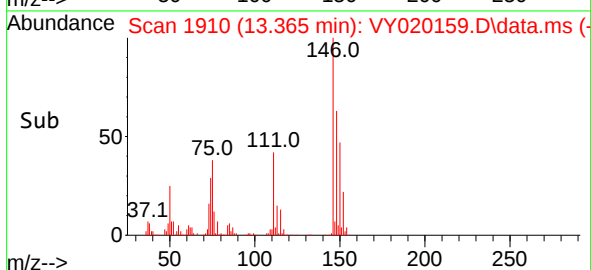
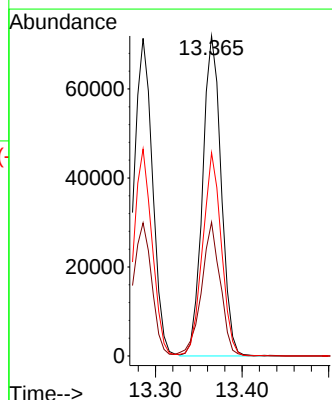
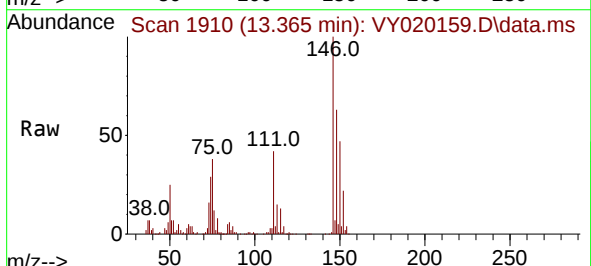
Tgt Ion:146 Resp: 107367

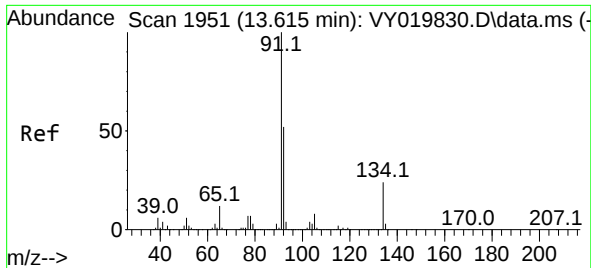
Ion Ratio Lower Upper

146 100

111 42.2 18.4 55.4

148 64.2 32.4 97.2

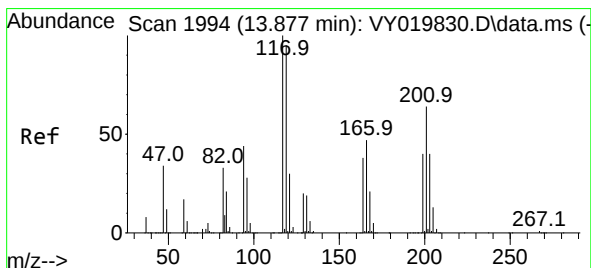
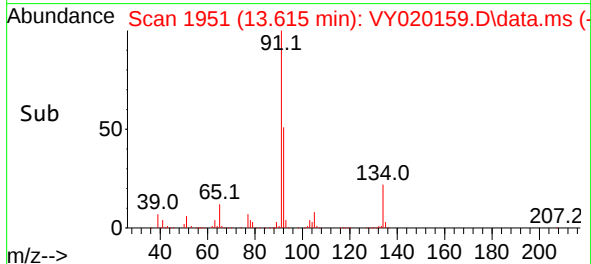
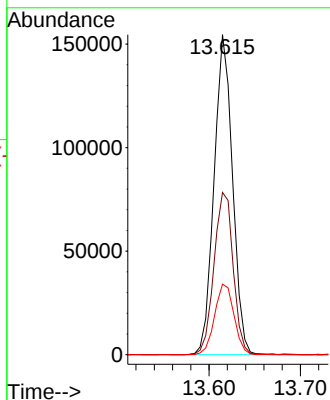
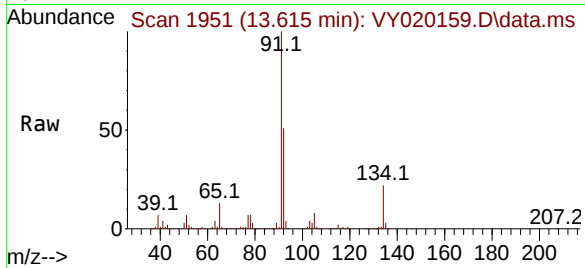




#89
n-Butylbenzene
Concen: 18.435 ug/l
RT: 13.615 min Scan# 1951
Delta R.T. -0.006 min
Lab File: VY020159.D
Acq: 05 Nov 2024 12:10

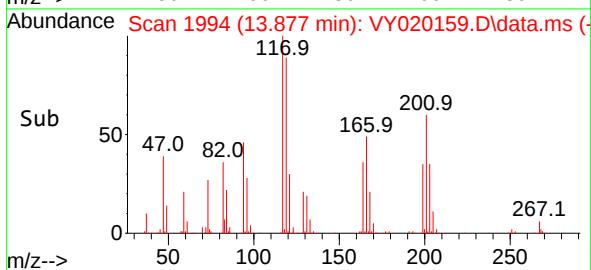
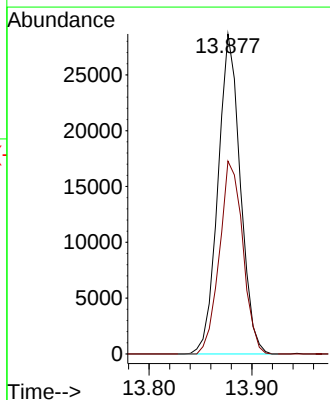
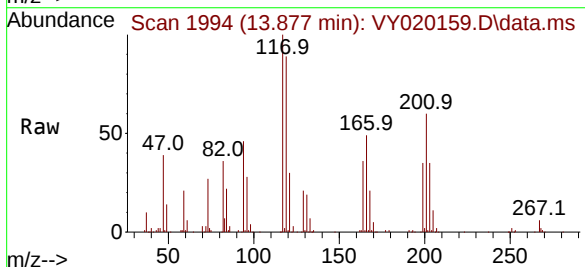
Instrument :
MSVOA_Y
ClientSampleId :

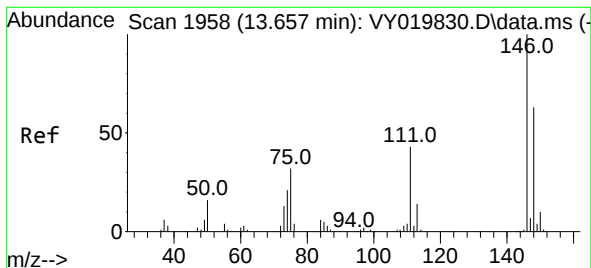
Tgt Ion: 91 Resp: 216913
Ion Ratio Lower Upper
91 100
92 52.7 26.6 79.7
134 23.1 12.9 38.7



#90
Hexachloroethane
Concen: 18.630 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. -0.006 min
Lab File: VY020159.D
Acq: 05 Nov 2024 12:10

Tgt Ion: 117 Resp: 43247
Ion Ratio Lower Upper
117 100
201 62.9 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 19.560 ug/l

RT: 13.657 min Scan# 1958

Delta R.T. 0.000 min

Lab File: VY020159.D

Acq: 05 Nov 2024 12:10

Instrument :

MSVOA_Y

ClientSampleId :

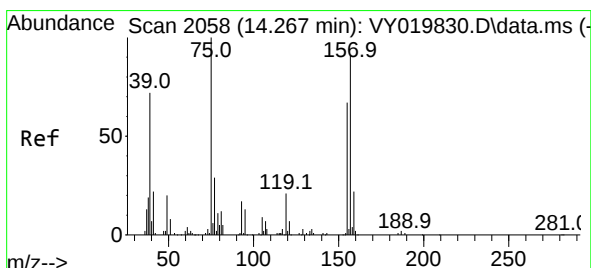
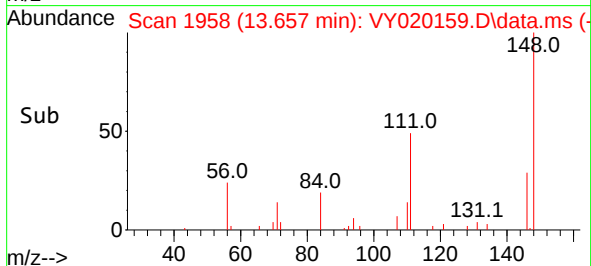
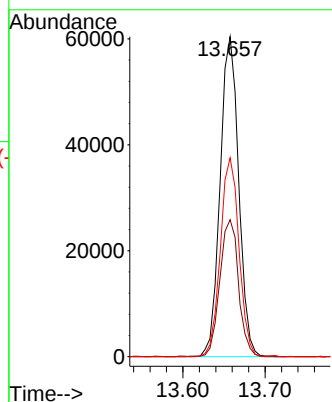
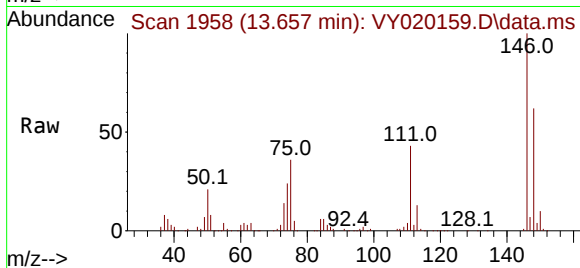
Tgt Ion:146 Resp: 94806

Ion Ratio Lower Upper

146 100

111 43.1 19.9 59.7

148 62.3 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.379 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. 0.000 min

Lab File: VY020159.D

Acq: 05 Nov 2024 12:10

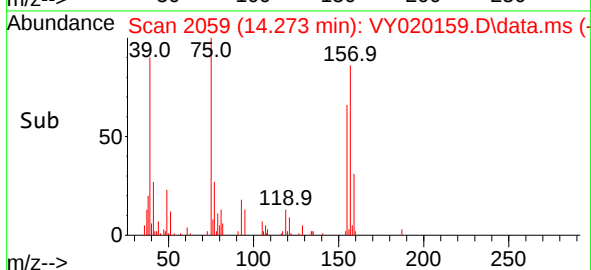
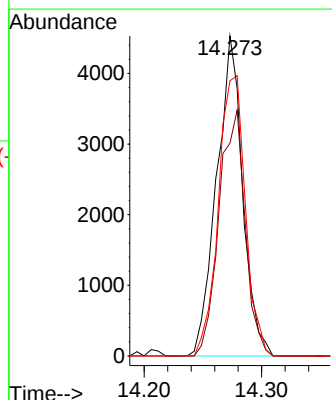
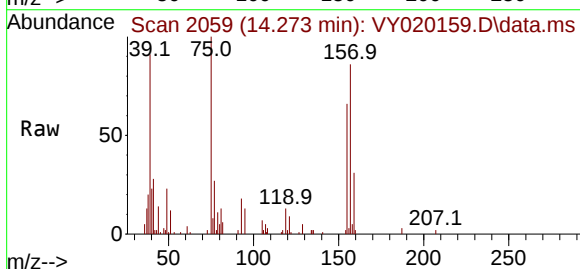
Tgt Ion: 75 Resp: 6976

Ion Ratio Lower Upper

75 100

155 76.9 48.6 145.8

157 90.6 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 18.466 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY020159.D

Acq: 05 Nov 2024 12:10

Instrument :

MSVOA_Y

ClientSampleId :

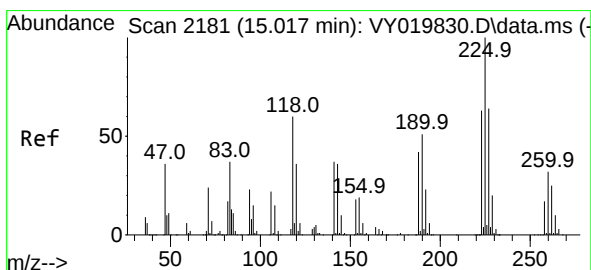
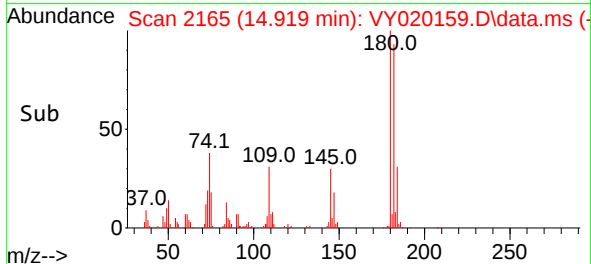
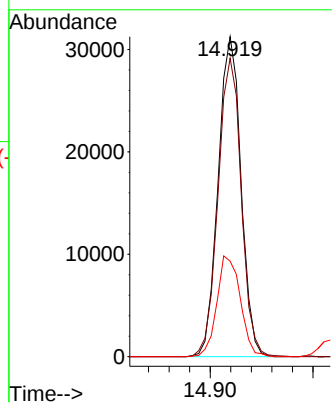
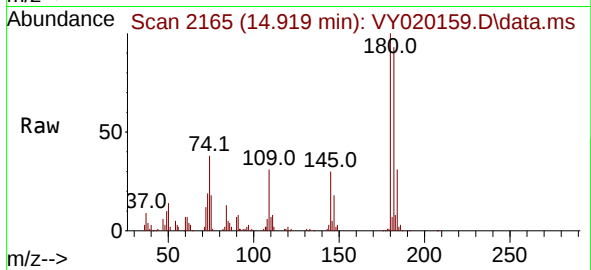
Tgt Ion:180 Resp: 48080

Ion Ratio Lower Upper

180 100

182 94.7 47.9 143.8

145 32.3 14.2 42.6



#94

Hexachlorobutadiene

Concen: 18.046 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY020159.D

Acq: 05 Nov 2024 12:10

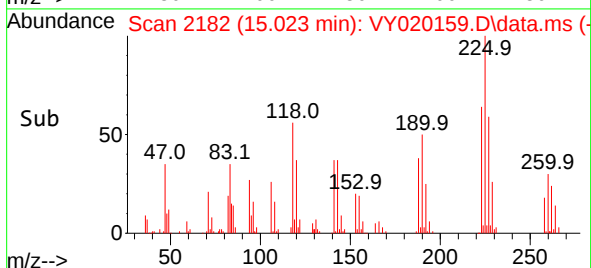
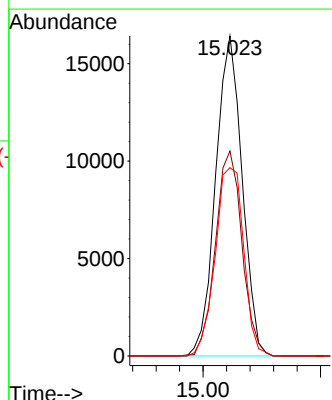
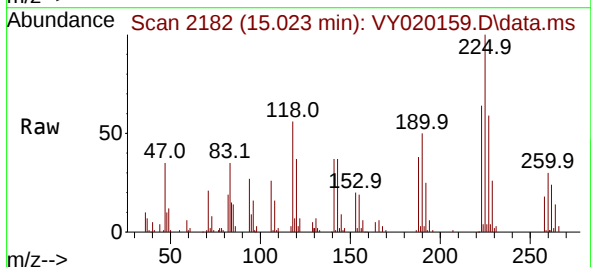
Tgt Ion:225 Resp: 25694

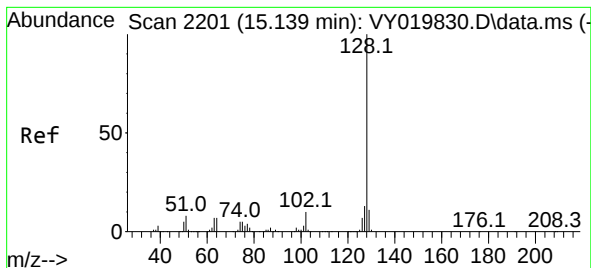
Ion Ratio Lower Upper

225 100

223 64.3 30.4 91.2

227 63.3 31.9 95.9





#95

Naphthalene

Concen: 18.136 ug/l

RT: 15.145 min Scan# 2201

Delta R.T. 0.000 min

Lab File: VY020159.D

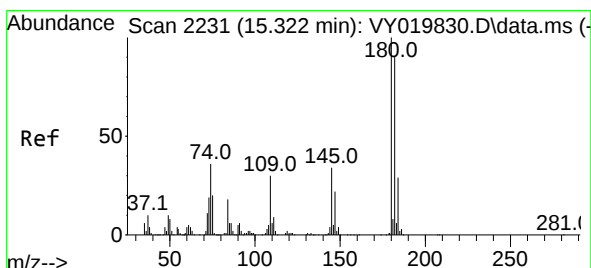
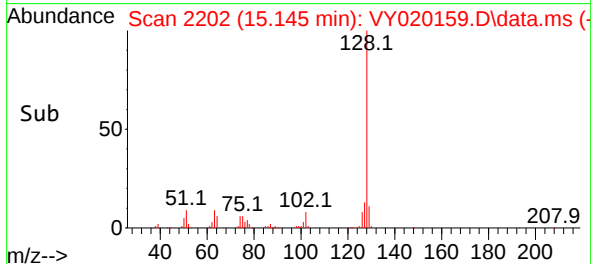
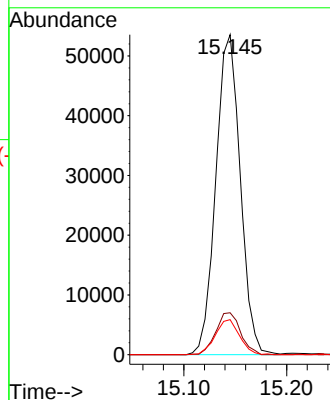
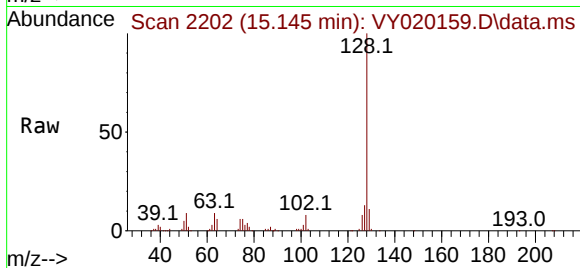
Acq: 05 Nov 2024 12:10

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:128	Resp:	88270
Ion Ratio	Lower	Upper
128	100	
127	13.3	10.6 16.0
129	10.9	8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 18.509 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY020159.D

Acq: 05 Nov 2024 12:10

Tgt Ion:180	Resp:	40908
Ion Ratio	Lower	Upper
180	100	
182	91.6	47.6 142.9
145	34.1	15.4 46.1

